

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120165.D
 Acq On : 23 Apr 2020 16:03
 Operator : MA/SJ
 Sample : PB128274BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Quant Time: Apr 23 16:34:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	135560	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	524591	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	284640	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	542595	20.00	ng	0.00
76) Chrysene-d12	13.83	240	392230	20.00	ng	0.00
87) Perylene-d12	15.23	264	365126	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1031485	131.50	ng	0.01
7) Phenol-d6	6.31	99	1317453	130.34	ng	0.00
23) Nitrobenzene-d5	7.23	82	826683	81.53	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	367475	105.45	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1667642	83.18	ng	0.00
79) Terphenyl-d14	12.77	244	1834291	78.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	143338	41.027	ng	96
3) Pyridine	3.02	79	367285	38.316	ng	96
4) n-Nitrosodimethylamine	2.98	42	215984	44.100	ng	97
6) Aniline	6.33	93	456875	34.439	ng	# 44
8) 2-Chlorophenol	6.45	128	419572	47.872	ng	97
9) Benzaldehyde	6.21	77	163843	25.714	ng	99
10) Phenol	6.32	94	530760	46.286	ng	# 70
11) bis(2-Chloroethyl)ether	6.40	93	394023	44.503	ng	99
12) 1,3-Dichlorobenzene	6.60	146	418972	43.665	ng	98
13) 1,4-Dichlorobenzene	6.68	146	425976	43.581	ng	98
14) 1,2-Dichlorobenzene	6.83	146	402606	44.695	ng	99
15) Benzyl Alcohol	6.82	79	345294	43.984	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	687253	39.890	ng	94
17) 2-Methylphenol	6.93	107	344850	44.090	ng	96
18) Hexachloroethane	7.17	117	162193	44.401	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	292492	45.001	ng	98
20) 3+4-Methylphenols	7.09	107	434918	45.465	ng	94
22) Acetophenone	7.08	105	568724	46.297	ng	# 93
24) Nitrobenzene	7.25	77	449225	44.039	ng	99
25) Isophorone	7.49	82	819908	41.945	ng	98
26) 2-Nitrophenol	7.57	139	232244	45.571	ng	94
27) 2,4-Dimethylphenol	7.62	122	358235	46.608	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	515945	44.855	ng	100
29) 2,4-Dichlorophenol	7.82	162	351412	44.604	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	376486	42.174	ng	99
31) Naphthalene	7.97	128	1209095	43.807	ng	98
32) Benzoic acid	7.76	122	272182	40.321	ng	94
33) 4-Chloroaniline	8.02	127	233032	19.394	ng	99
34) Hexachlorobutadiene	8.09	225	216678	40.548	ng	98
35) Caprolactam	8.40	113	56669	23.514	ng	92
36) 4-Chloro-3-methylphenol	8.52	107	396351	46.467	ng	96
37) 2-Methylnaphthalene	8.66	142	839908	44.886	ng	99
38) 1-Methylnaphthalene	8.76	142	798004	45.246	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	375343	41.750	ng	99

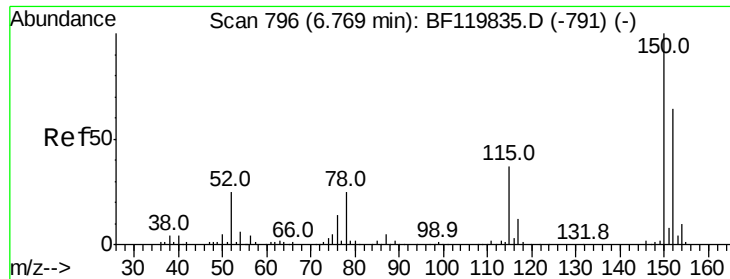
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120165.D
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 Operator : MA/SJ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	394188	77.108	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	260348	41.937	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	281073	40.198	nq	94
46) 1,1'-Biphenyl	9.13	154	1030311	42.885	nq	100
47) 2-Chloronaphthalene	9.15	162	793219	42.859	nq	99
48) 2-Nitroaniline	9.25	65	285010	42.495	nq	99
49) Acenaphthylene	9.57	152	1245282	44.242	nq	97
50) Dimethylphthalate	9.44	163	940780	42.731	nq	100
51) 2,6-Dinitrotoluene	9.50	165	208470	43.240	nq	95
52) Acenaphthene	9.74	154	748361	39.858	nq	99
53) 3-Nitroaniline	9.66	138	138367	25.129	nq	98
54) 2,4-Dinitrophenol	9.78	184	237426	82.254	nq	95
55) Dibenzofuran	9.91	168	1115485	43.294	nq	100
56) 4-Nitrophenol	9.85	139	318226	77.673	nq	96
57) 2,4-Dinitrotoluene	9.90	165	270707	42.617	nq	96
58) Fluorene	10.26	166	885582	42.978	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	232631	43.501	nq	99
60) Diethylphthalate	10.14	149	964552	42.270	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	426342	40.369	nq	98
62) 4-Nitroaniline	10.29	138	225982	43.064	nq	96
63) Azobenzene	10.41	77	912204	44.607	nq	97
65) 4,6-Dinitro-2-methylphenol	10.32	198	163477	45.732	nq	96
66) n-Nitrosodiphenylamine	10.37	169	808353	44.796	nq	100
67) 4-Bromophenyl-phenylether	10.73	248	262301	38.872	nq	97
68) Hexachlorobenzene	10.80	284	284408	41.548	nq	98
69) Atrazine	10.90	200	246165	49.030	nq	99
70) Pentachlorophenol	11.00	266	275606	69.866	nq	99
71) Phenanthrene	11.22	178	1260654	43.655	nq	98
72) Anthracene	11.26	178	1304011	44.204	nq	98
73) Carbazole	11.42	167	1198565	42.963	nq	99
74) Di-n-butylphthalate	11.76	149	1555126	42.404	nq	100
75) Fluoranthene	12.40	202	1389522	44.595	nq	99
77) Benzidine	12.53	184	755100	56.952	nq	98
78) Pyrene	12.63	202	1383805	41.850	nq	98
80) Butylbenzylphthalate	13.25	149	646529	40.296	nq	97
81) Benzo(a)anthracene	13.82	228	1118478	43.346	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	235070	24.416	nq	99
83) Chrysene	13.86	228	1137304	43.378	nq	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	866078	39.861	nq	100
85) Di-n-octyl phthalate	14.43	149	1461246	39.498	nq	99
86) Indeno(1,2,3-cd)pyrene	16.58	276	974695	42.174	nq	100
88) Benzo(b)fluoranthene	14.83	252	1010694	38.479	nq	98
89) Benzo(k)fluoranthene	14.86	252	1028079	45.364	nq	99
90) Benzo(a)pyrene	15.17	252	848626	38.426	nq	97
91) Dibenzo(a,h)anthracene	16.59	278	809943	41.403	nq	98
92) Benzo(g,h,i)perylene	16.99	276	766903	39.715	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

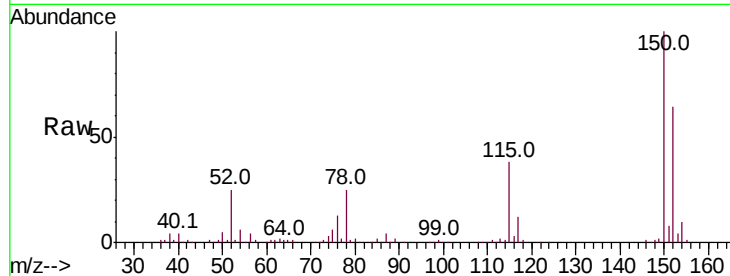


#1

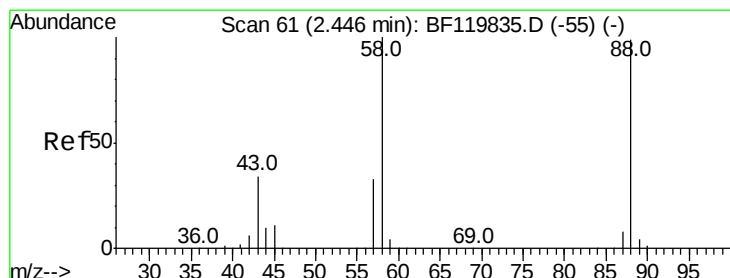
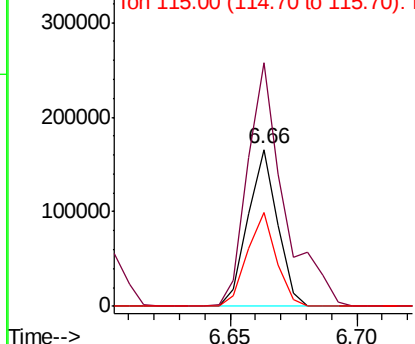
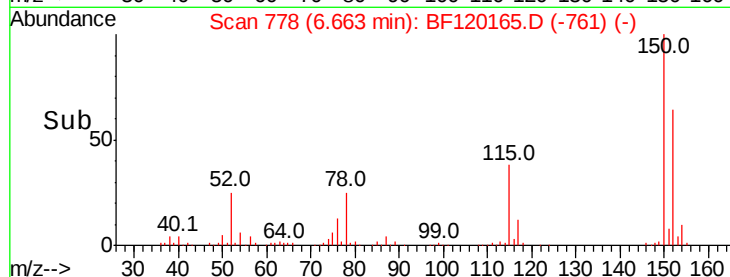
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion:152 Resp: 135560
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.5 186.7
 115 59.5 49.6 74.4



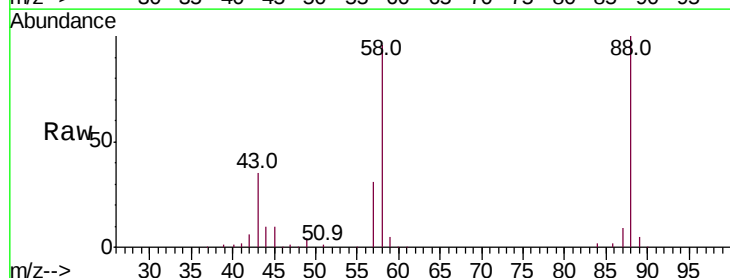
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



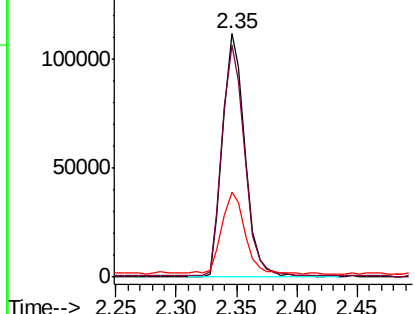
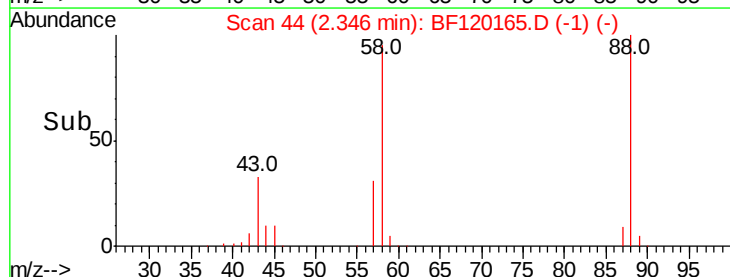
#2

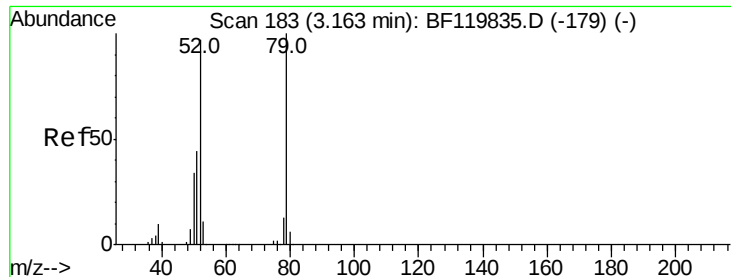
1,4-Dioxane
 Concen: 41.027 ng
 RT: 2.35 min Scan# 44
 Delta R.T. 0.08 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion: 88 Resp: 143338
 Ion Ratio Lower Upper
 88 100
 58 95.7 80.6 121.0
 43 35.3 27.5 41.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.316 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.08 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

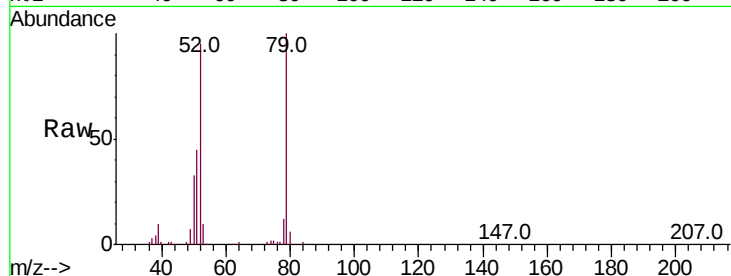
Tot Ion: 79 Resp: 367285

Ion Ratio Lower Upper

79 100

52 95.5 80.2 120.2

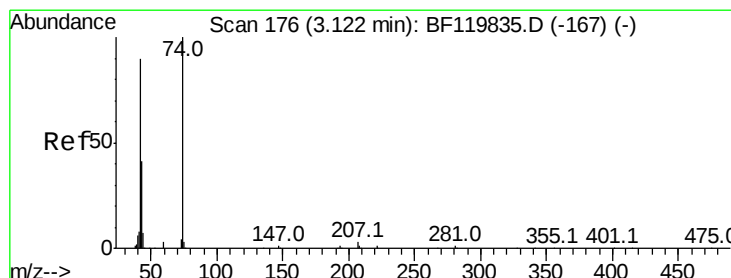
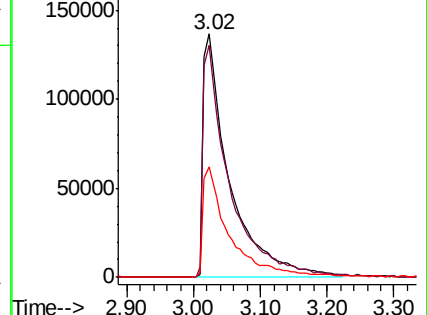
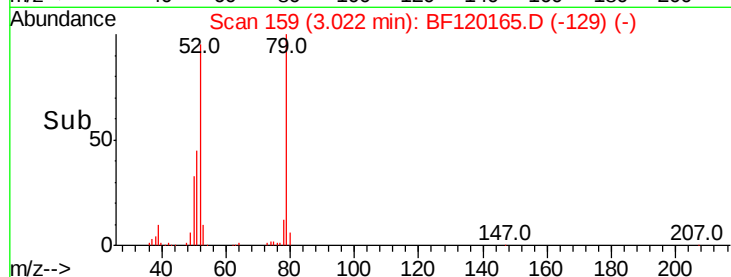
51 45.1 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.100 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.08 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

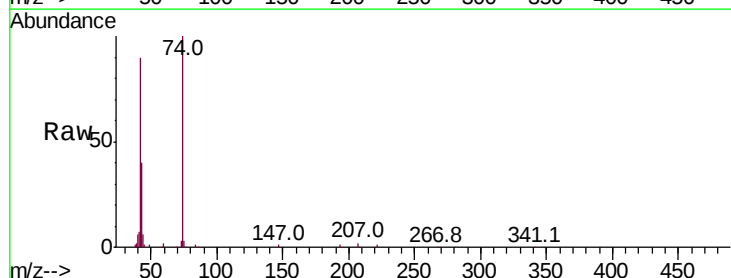
Tgt Ion: 42 Resp: 215984

Ion Ratio Lower Upper

42 100

74 110.8 91.5 137.3

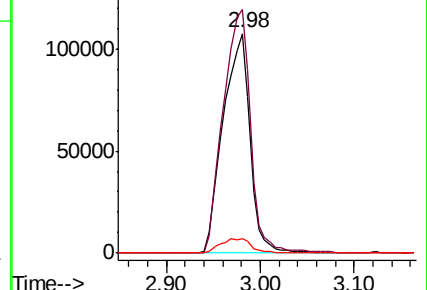
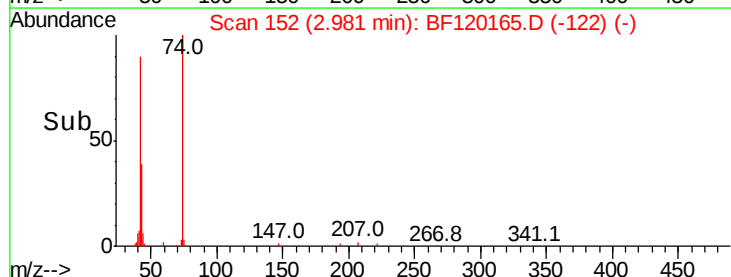
44 6.9 6.2 9.4

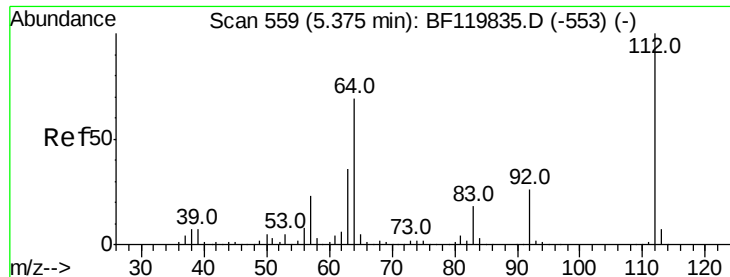


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 131.499 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

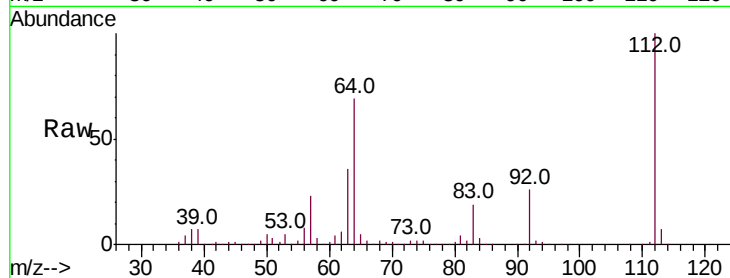
Tot Ion:112 Resp: 1031485

Ion Ratio Lower Upper

112 100

64 69.2 56.7 85.1

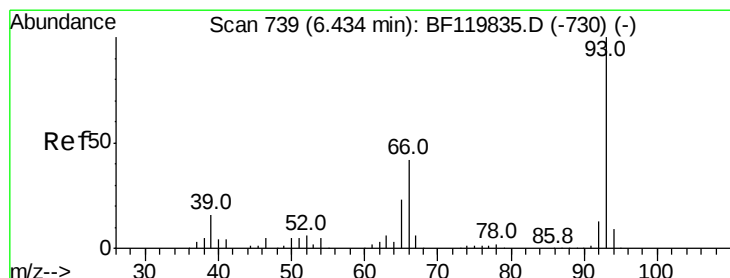
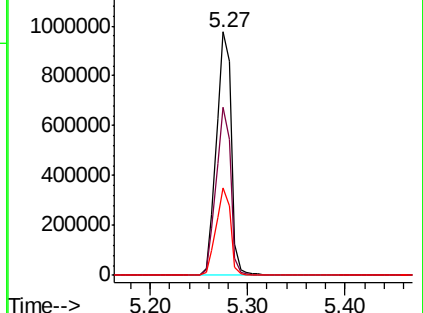
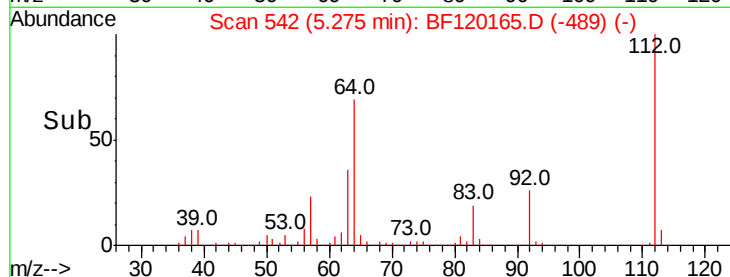
63 35.9 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.439 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

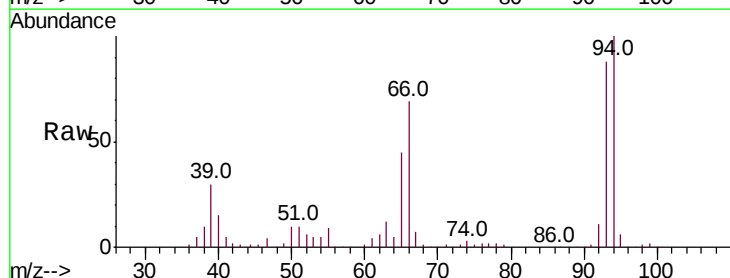
Tgt Ion: 93 Resp: 456875

Ion Ratio Lower Upper

93 100

66 78.7 34.9 52.3#

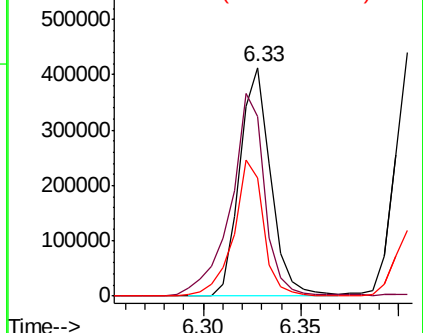
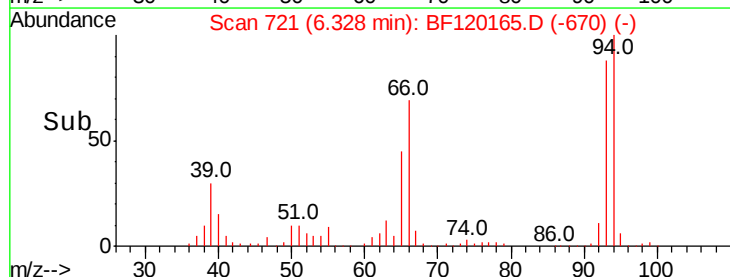
65 51.7 18.6 27.8#

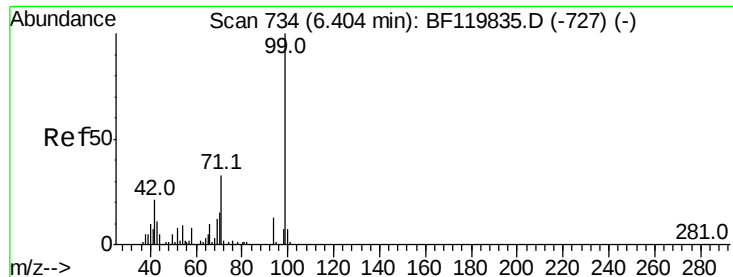


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.344 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

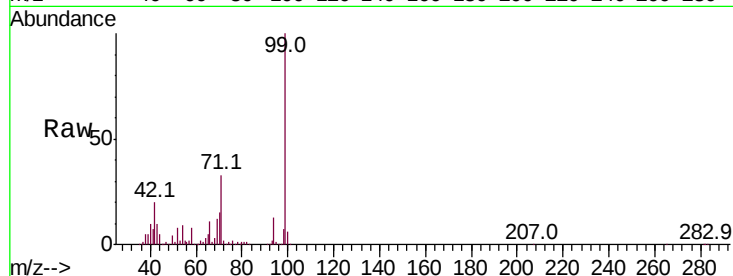
BNA_F

ClientSampleId :

PB128274BS

Tot Ion: 99 Resp: 1317453

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.6	24.8
71	33.1	26.4	39.6



Abundance

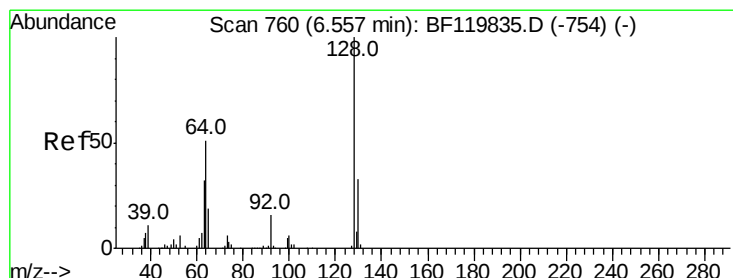
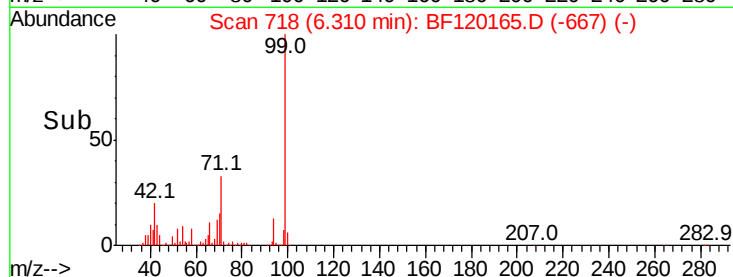
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.31

Time-->



#8

2-Chlorophenol

Concen: 47.872 ng

RT: 6.45 min Scan# 742

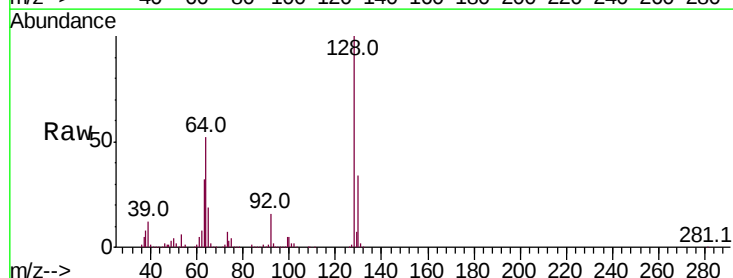
Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Tgt Ion: 128 Resp: 419572

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.6	52.6
64	52.2	35.3	75.3



Abundance

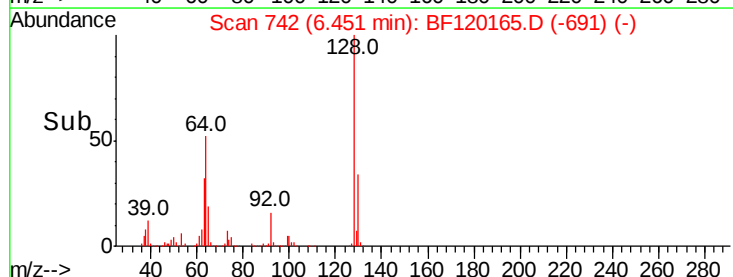
Ion 128.00 (127.70 to 128.70): E

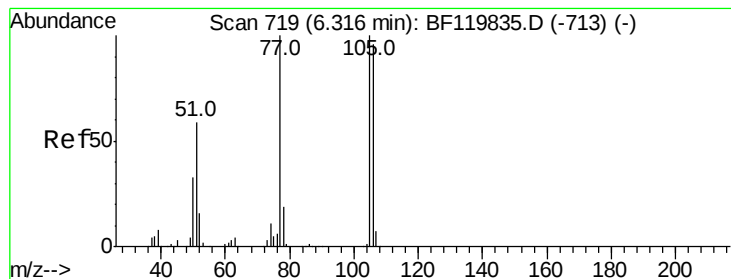
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

6.45

Time-->





#9

Benzaldehyde

Concen: 25.714 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

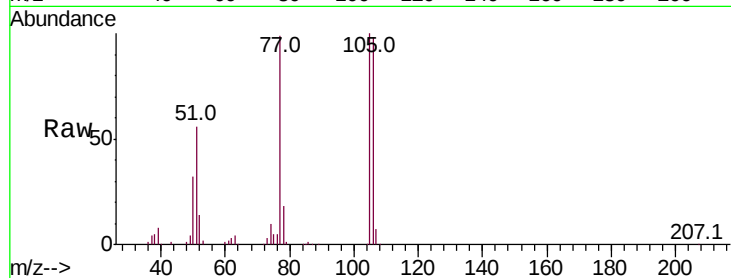
Tot Ion: 77 Resp: 163843

Ion Ratio Lower Upper

77 100

105 101.2 80.9 120.9

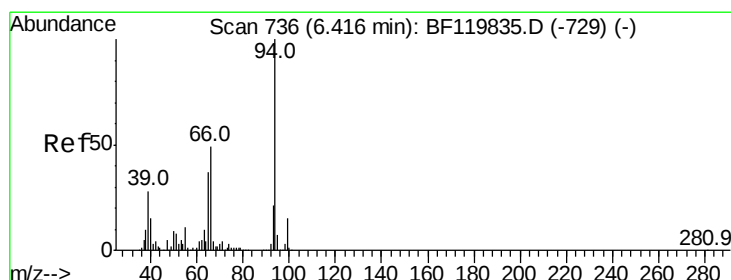
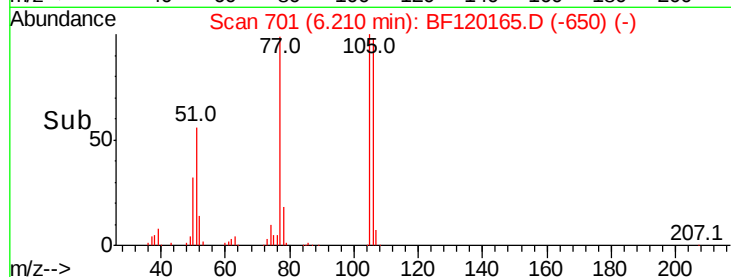
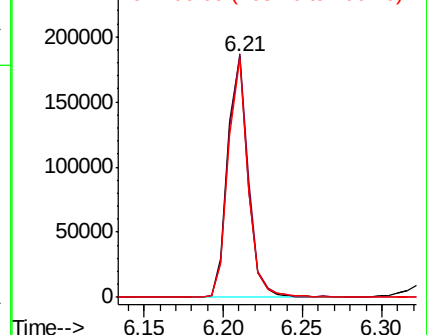
106 99.0 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.286 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

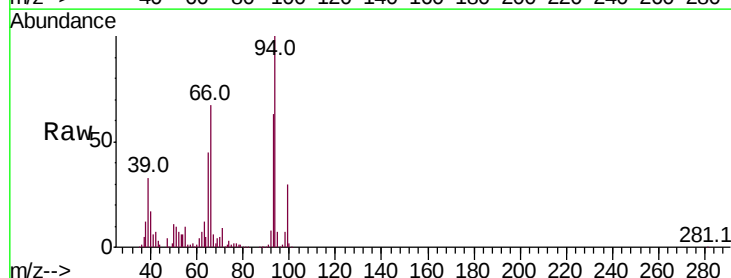
Tgt Ion: 94 Resp: 530760

Ion Ratio Lower Upper

94 100

65 44.8 13.2 53.2

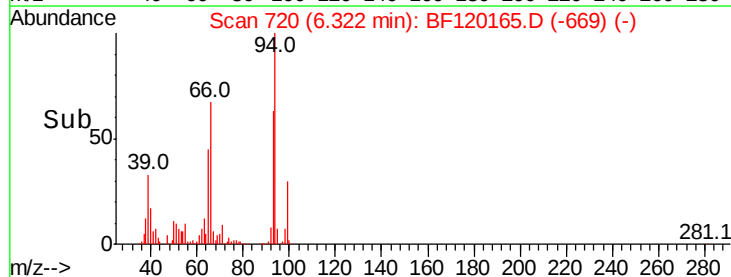
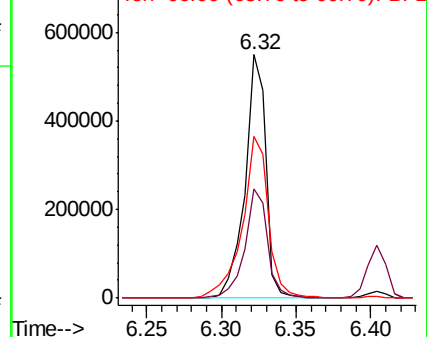
66 66.6 22.3 62.3#

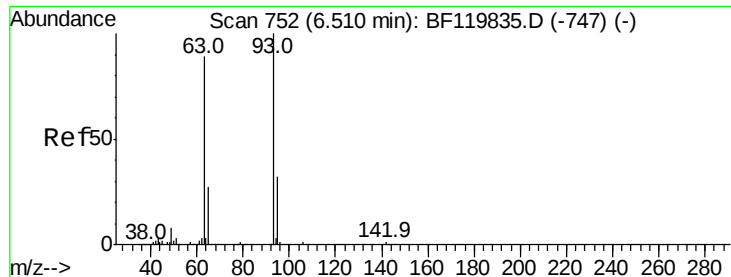


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.503 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

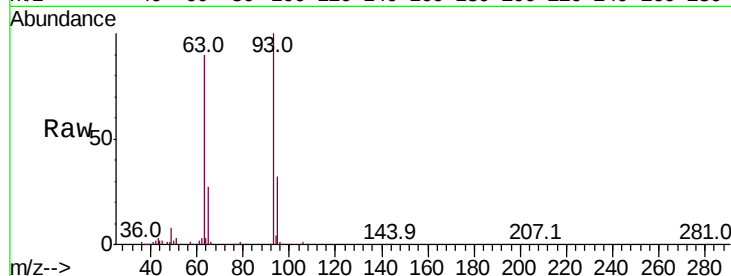
Tot Ion: 93 Resp: 394023

Ion Ratio Lower Upper

93 100

63 89.7 70.2 110.2

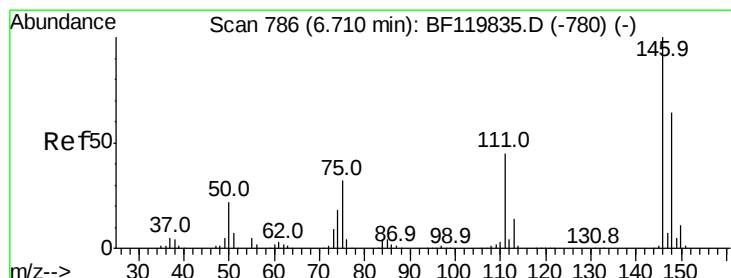
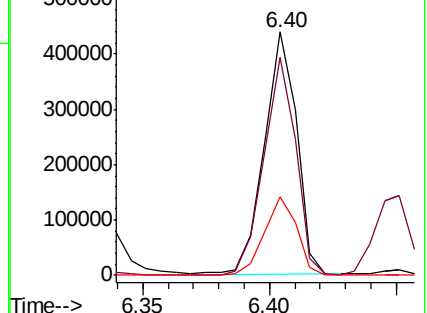
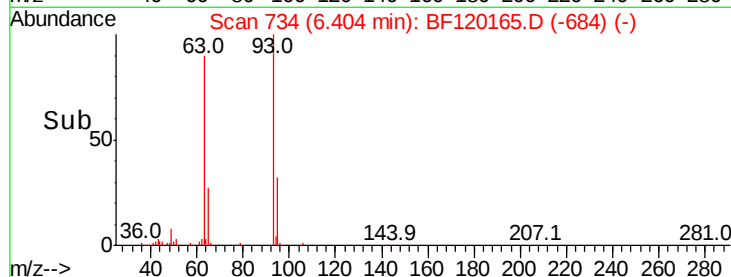
95 32.3 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.665 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

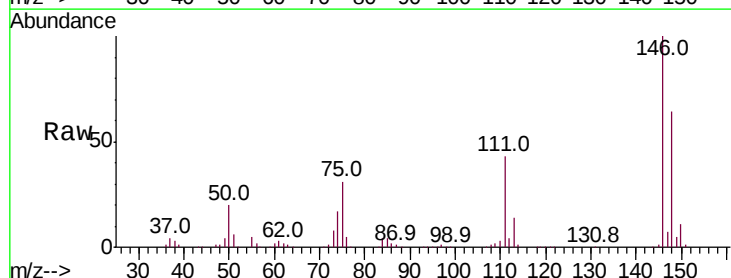
Tgt Ion: 146 Resp: 418972

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.4

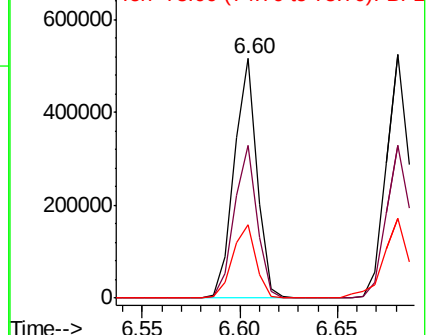
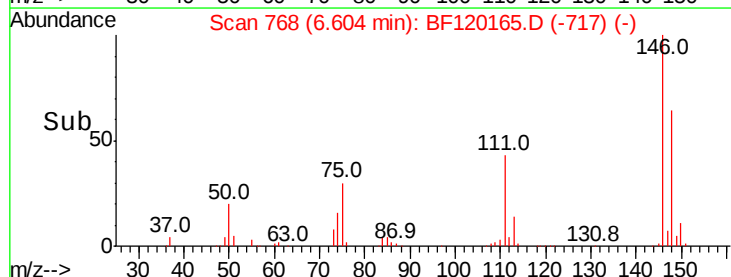
75 30.8 23.0 34.4

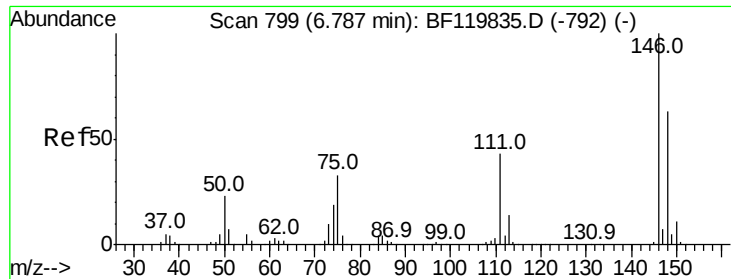


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

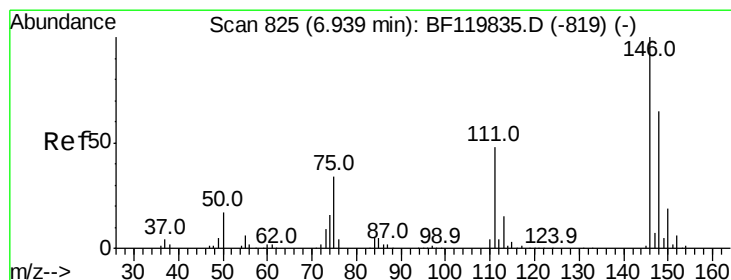
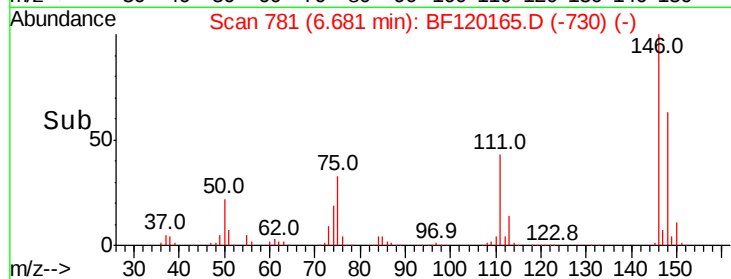
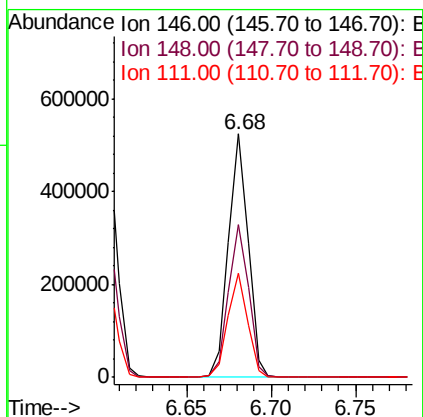
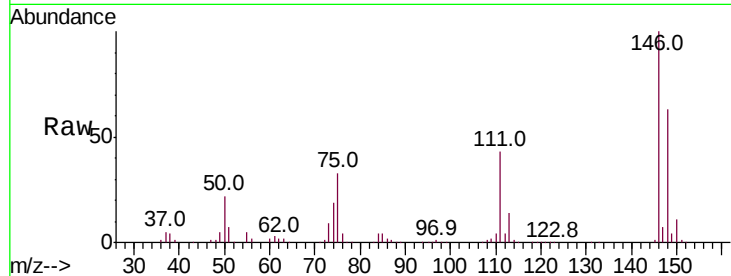




#13
 1,4-Dichlorobenzene
 Concen: 43.581 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

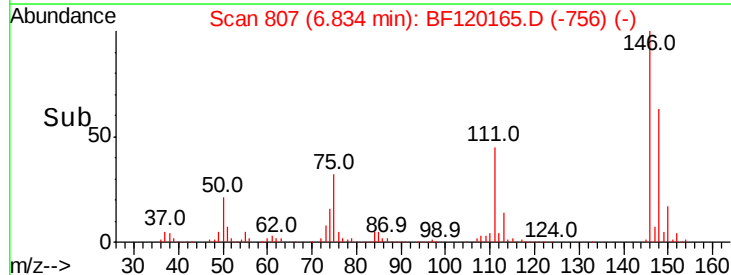
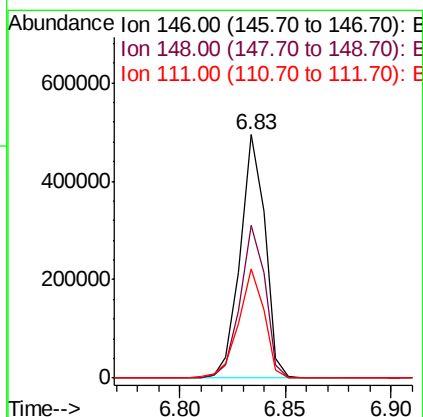
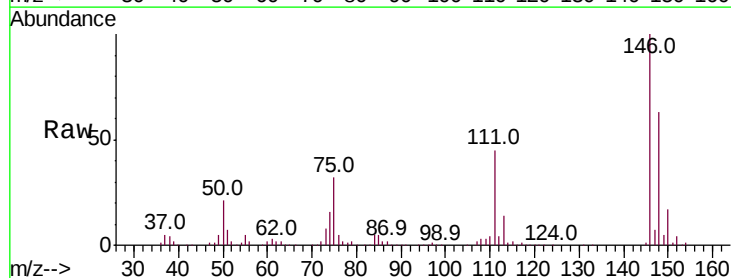
Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

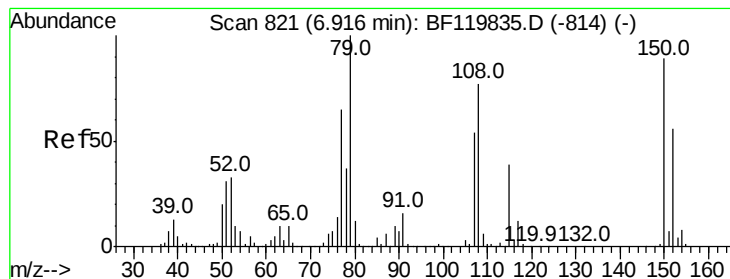
Tot Ion:146 Resp: 425976
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.5 77.3
 111 42.9 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 44.695 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion:146 Resp: 402606
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.6 75.8
 111 44.7 36.1 54.1

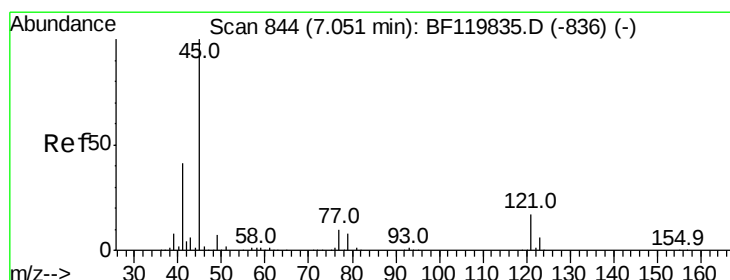
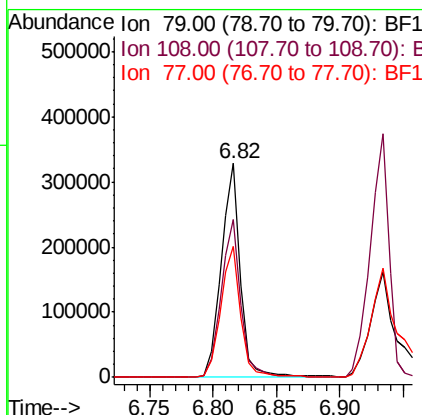
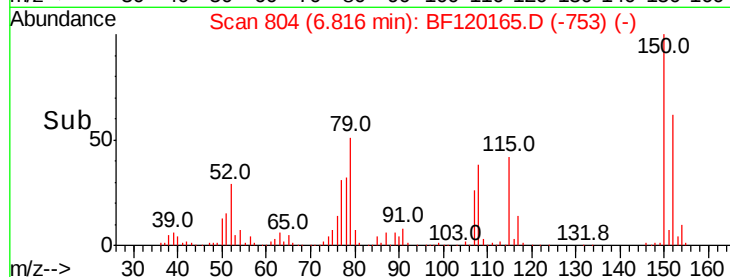
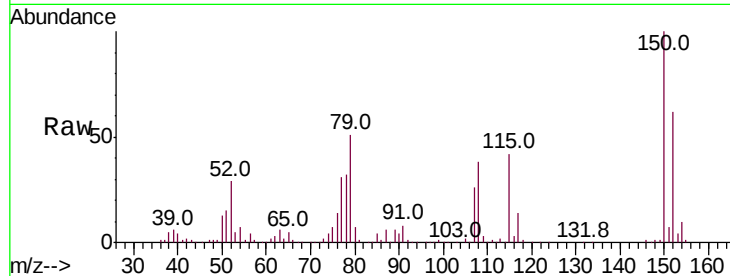




#15
Benzvl Alcohol
Concen: 43.984 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

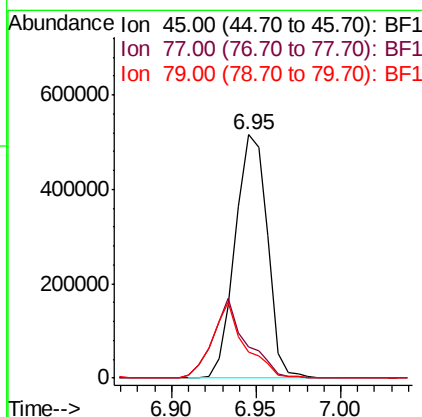
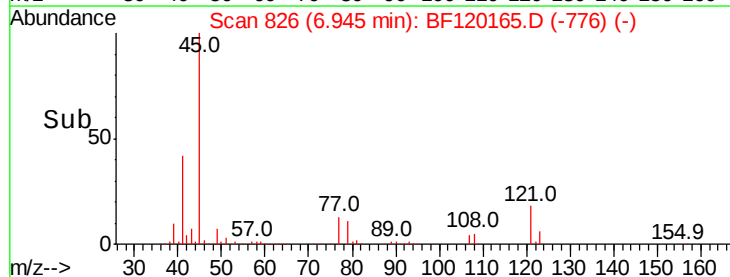
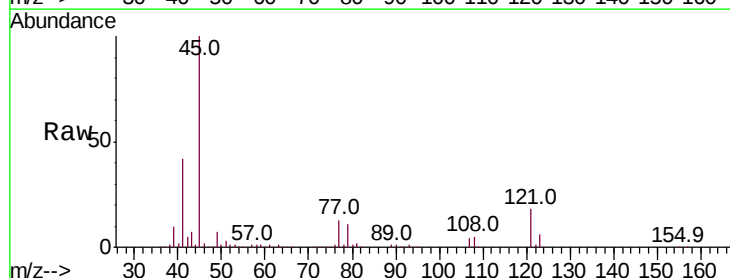
Instrument :
BNA_F
ClientSampleId :
PB128274BS

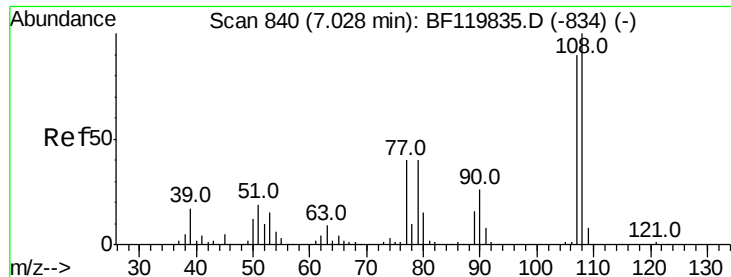
Tot Ion: 79 Resp: 345294
Ion Ratio Lower Upper
79 100
108 73.8 60.6 90.8
77 61.3 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.890 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion: 45 Resp: 687253
Ion Ratio Lower Upper
45 100
77 12.9 0.0 30.7
79 10.8 0.0 28.2

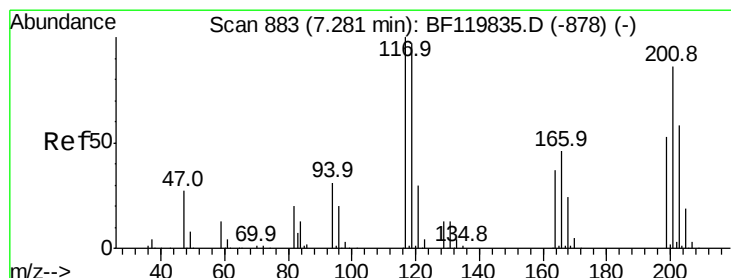
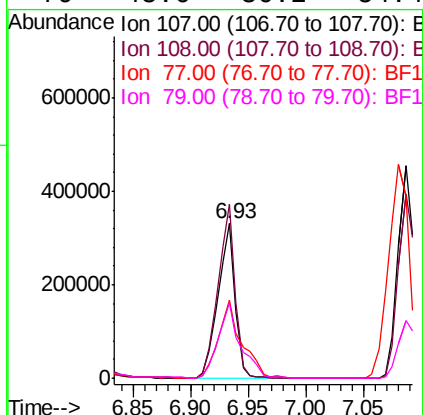
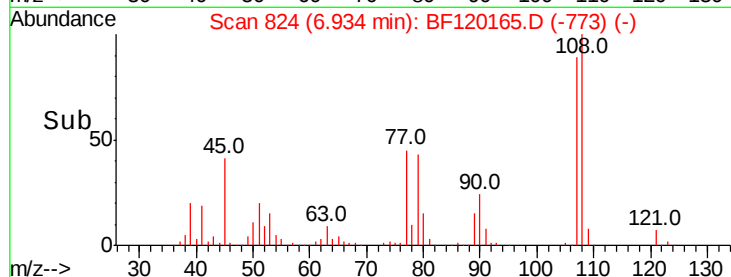
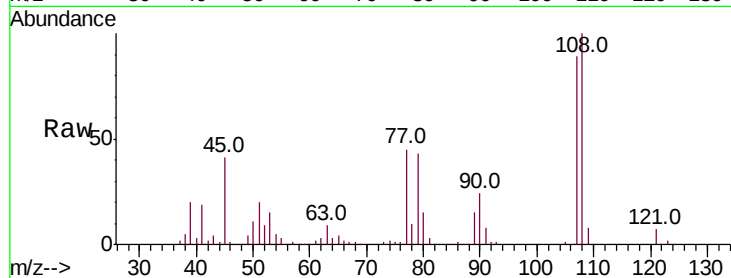




#17
2-Methylphenol
Concen: 44.090 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

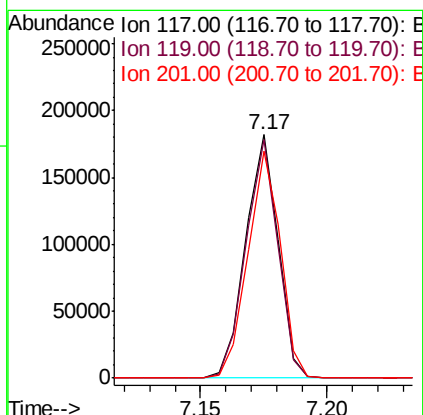
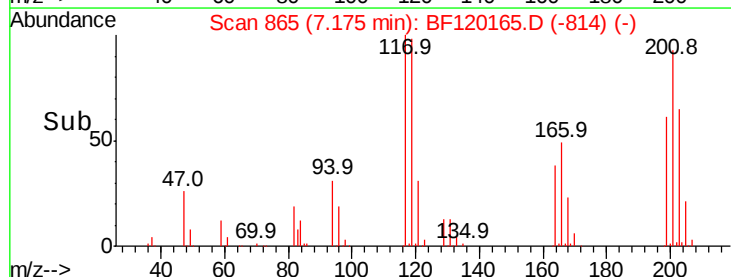
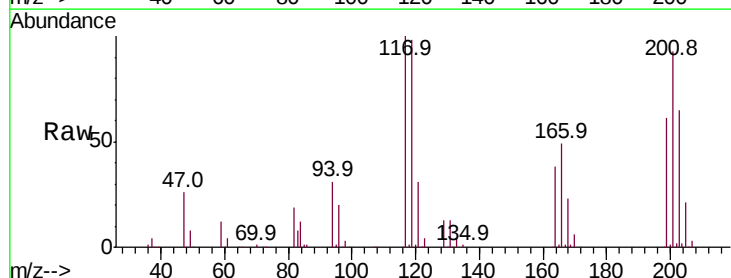
Instrument :
BNA_F
ClientSampleId :
PB128274BS

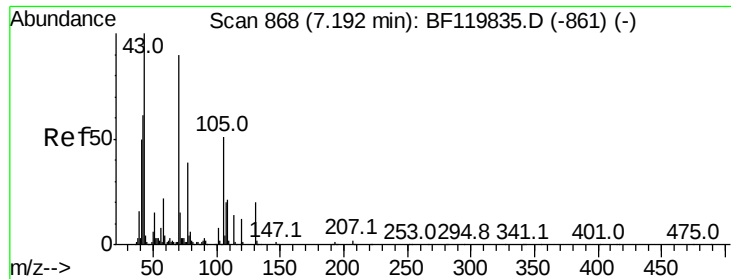
Tot Ion:	107	Resp:	344850
Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.2	138.4
77	50.8	36.6	54.8
79	48.6	36.2	54.4



#18
Hexachloroethane
Concen: 44.401 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion:	117	Resp:	162193
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.1	114.1
201	93.3	73.0	109.6

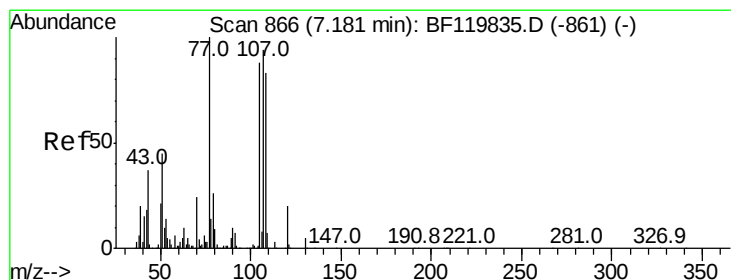
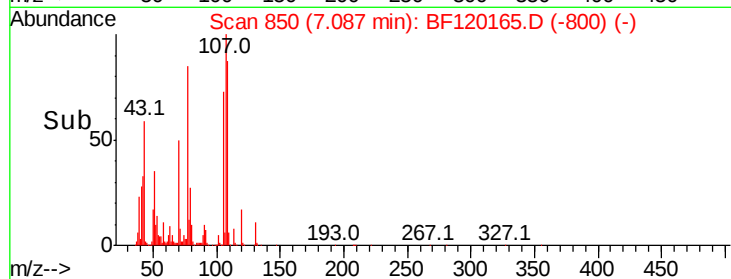
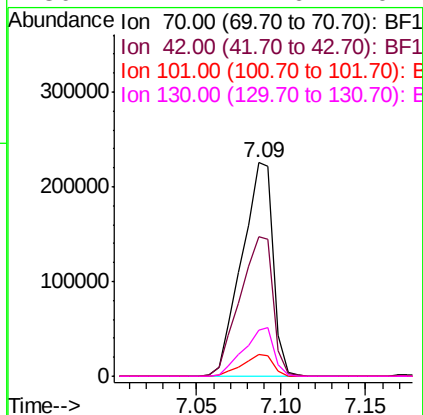
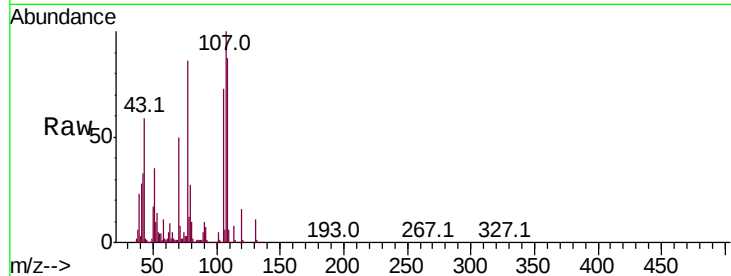




#19
n-Nitroso-di-n-propylamine
Concen: 45.001 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

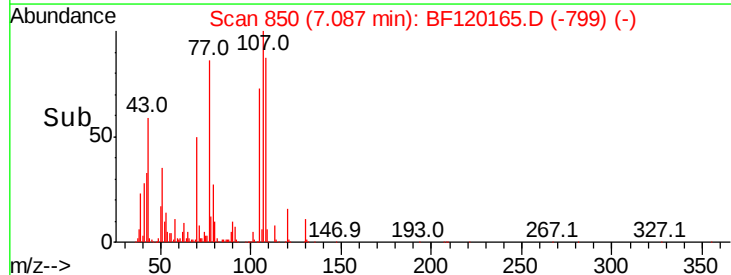
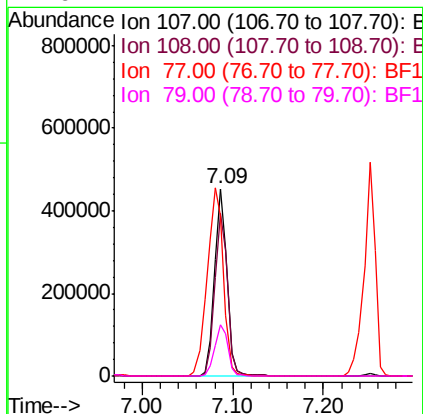
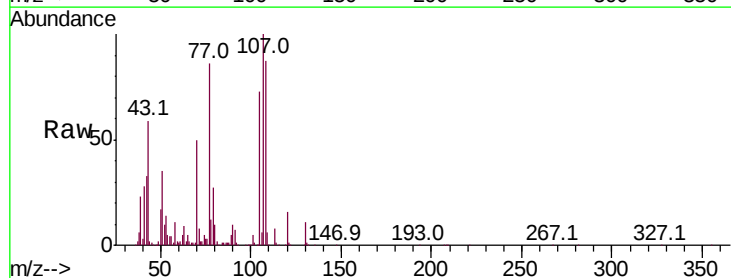
Instrument :
BNA_F
ClientSampleId :
PB128274BS

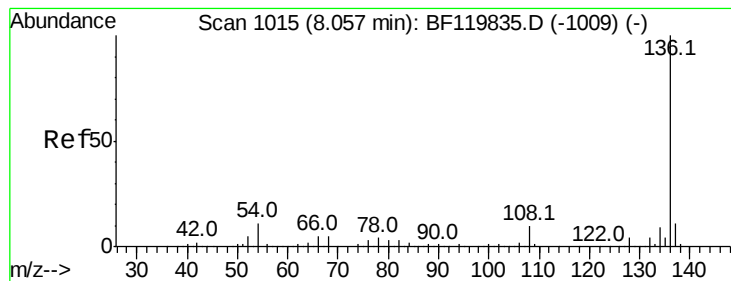
Tot Ion:	70	Resp:	292492
Ion	Ratio	Lower	Upper
70	100		
42	65.6	54.5	81.7
101	9.9	7.6	11.4
130	21.7	17.6	26.4



#20
3+4-Methylphenols
Concen: 45.465 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion:	107	Resp:	434918
Ion	Ratio	Lower	Upper
107	100		
108	86.9	67.9	107.9
77	85.6	52.9	92.9
79	27.4	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

Tot Ion:136 Resp: 524591

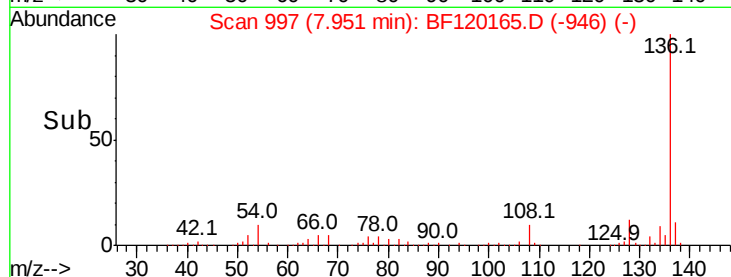
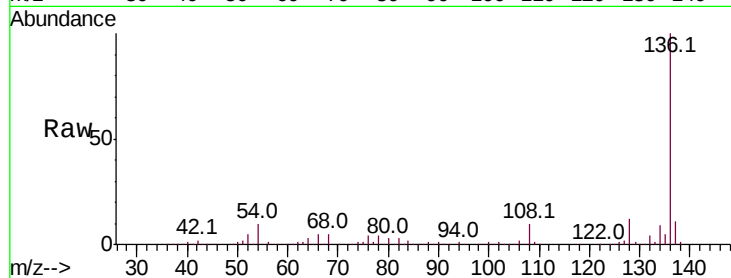
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.7 9.1 13.7

68 5.3 4.6 6.8

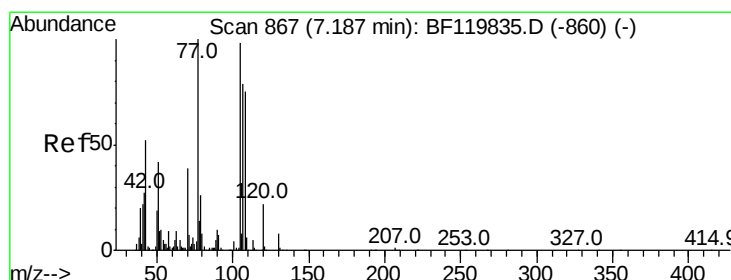
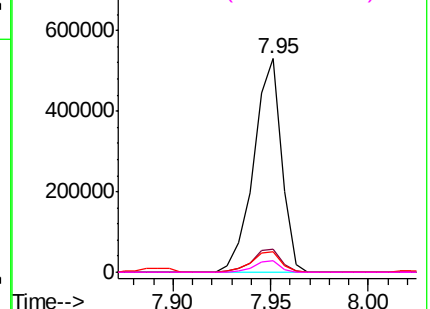


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.297 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Tgt Ion:105 Resp: 568724

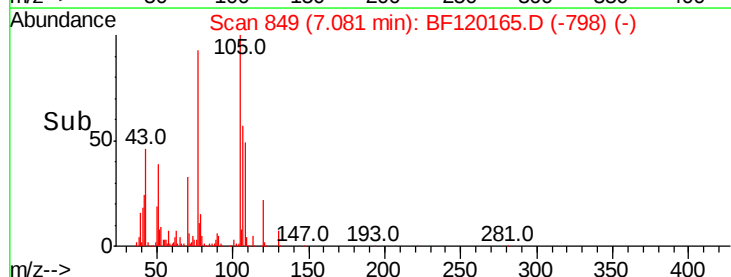
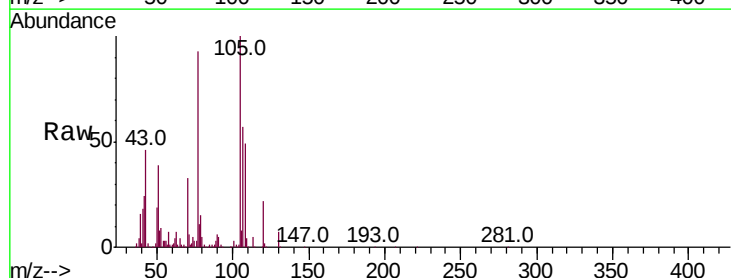
Ion Ratio Lower Upper

105 100

71 5.6 5.7 8.5#

51 39.3 26.2 39.4

120 22.1 18.3 27.5

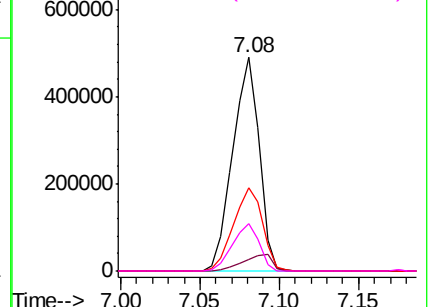


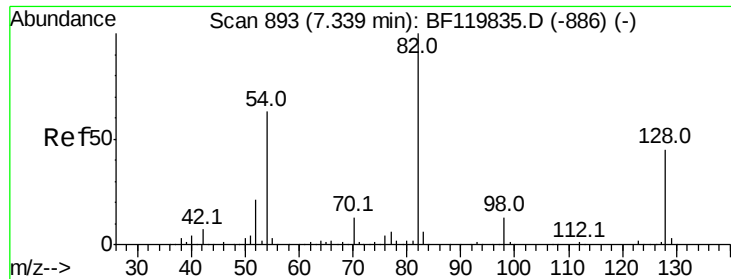
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

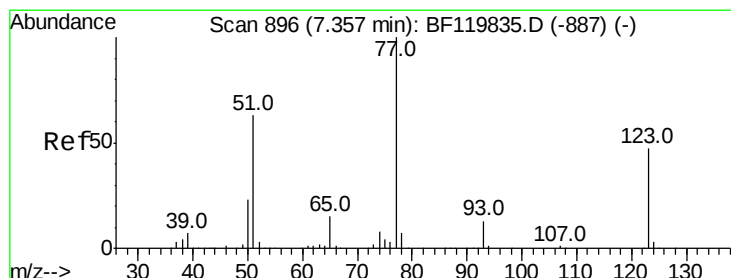
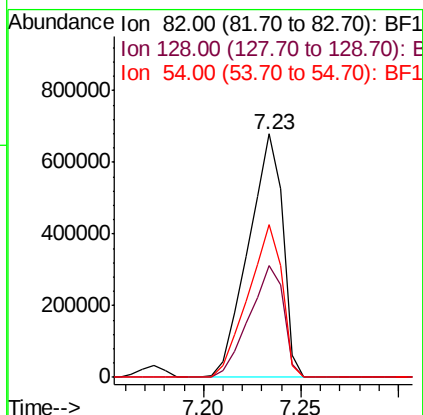
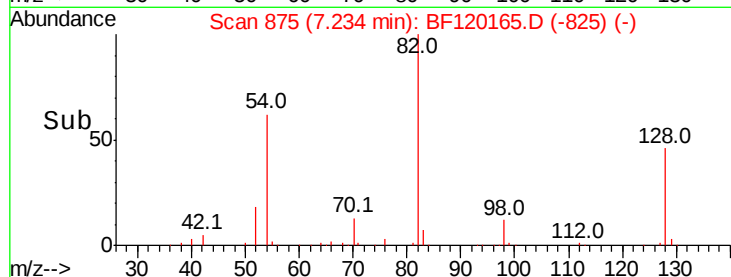
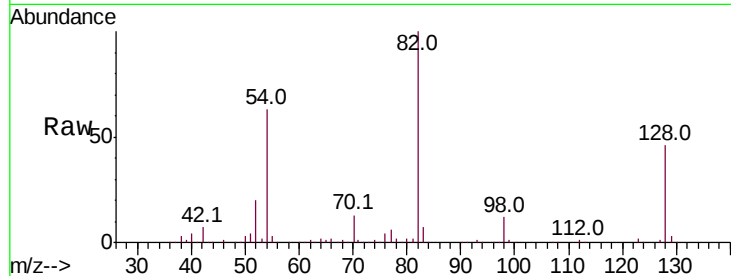




#23
Nitrobenzene-d5
Concen: 81.525 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

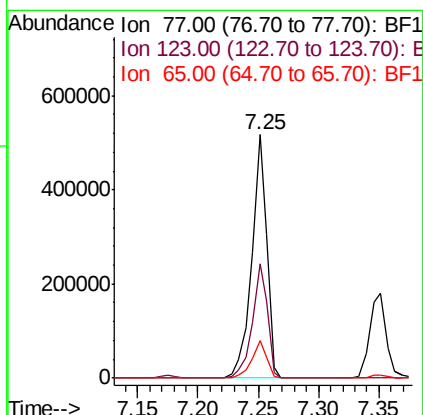
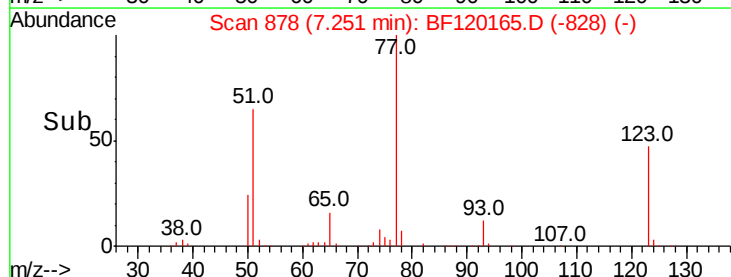
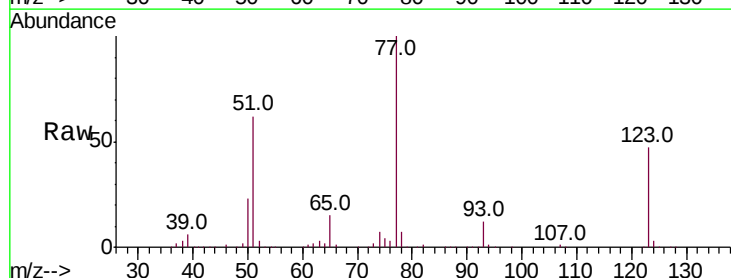
Instrument :
BNA_F
ClientSampleId :
PB128274BS

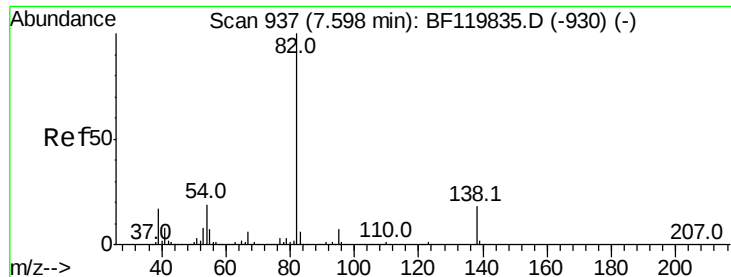
Tot Ion: 82 Resp: 826683
Ion Ratio Lower Upper
82 100
128 45.8 36.3 54.5
54 62.7 50.6 75.8



#24
Nitrobenzene
Concen: 44.039 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion: 77 Resp: 449225
Ion Ratio Lower Upper
77 100
123 47.0 38.0 57.0
65 15.3 12.6 18.8





#25

Isophorone

Concen: 41.945 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

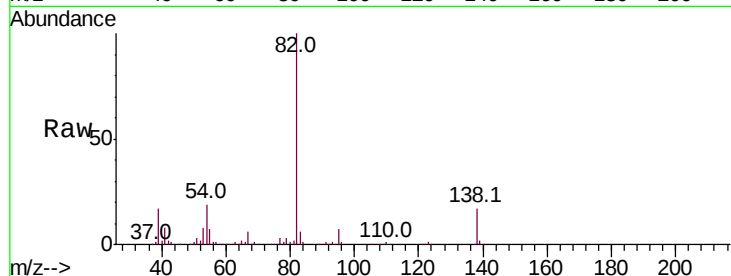
Tot Ion: 82 Resp: 819908

Ion Ratio Lower Upper

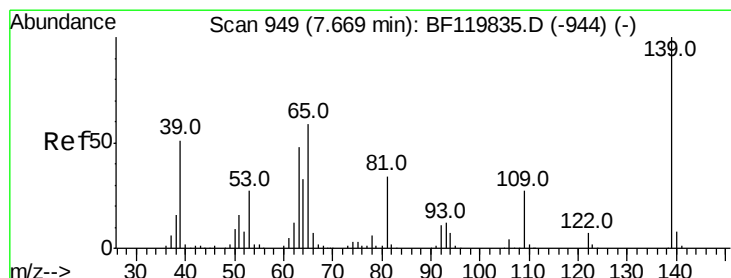
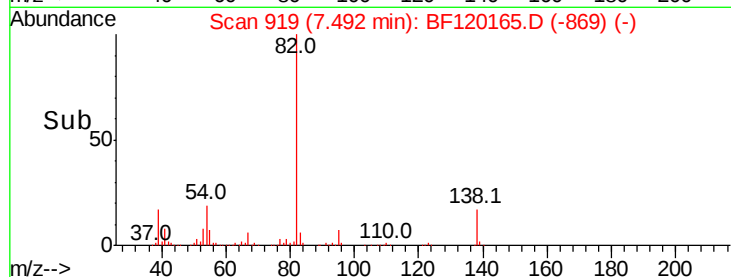
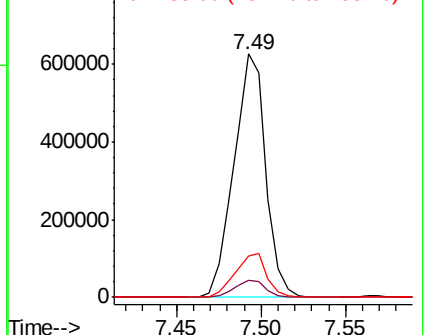
82 100

95 7.0 5.8 8.6

138 17.0 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.571 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

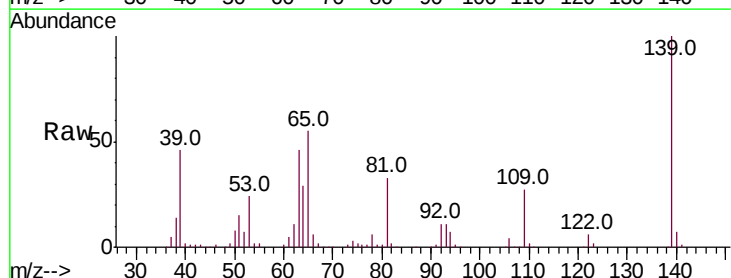
Tgt Ion: 139 Resp: 232244

Ion Ratio Lower Upper

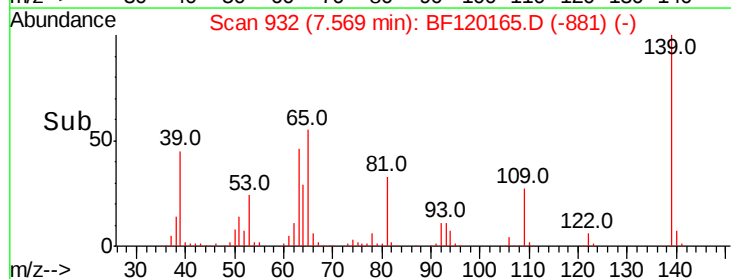
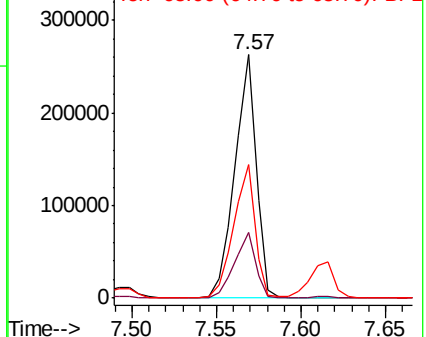
139 100

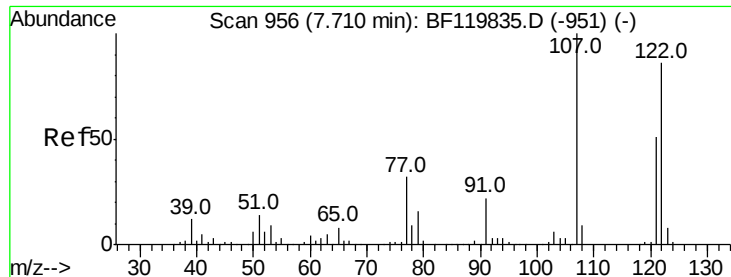
109 26.9 22.1 33.1

65 54.9 49.2 73.8



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

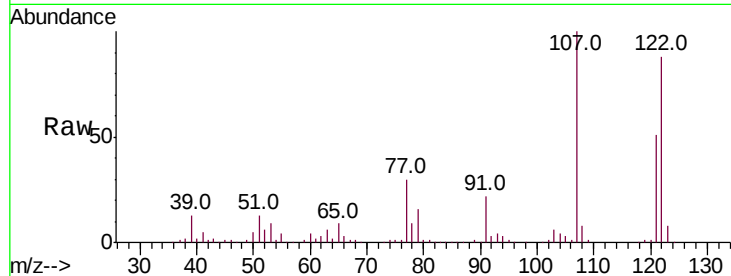




#27
 2,4-Dimethylphenol
 Concen: 46.608 ng
 RT: 7.62 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.2	89.0	133.6
121	57.3	46.7	70.1

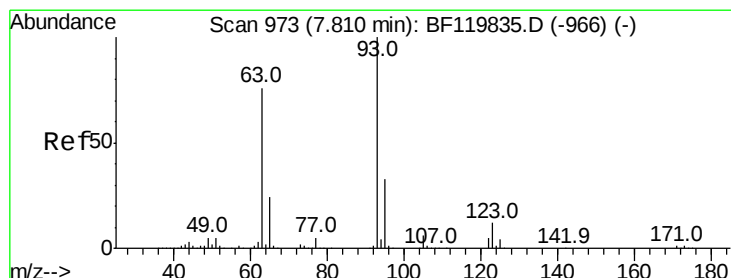
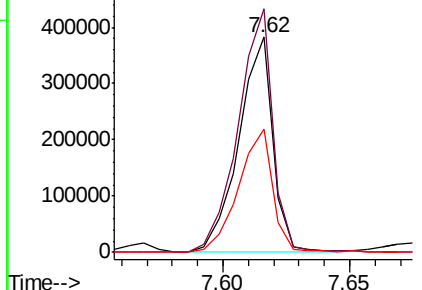
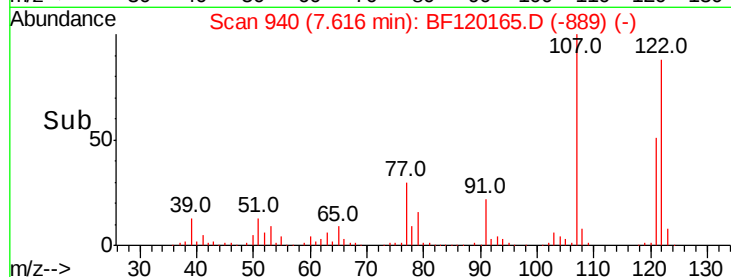


Abundance

Ion 122.00 (121.70 to 122.70): E

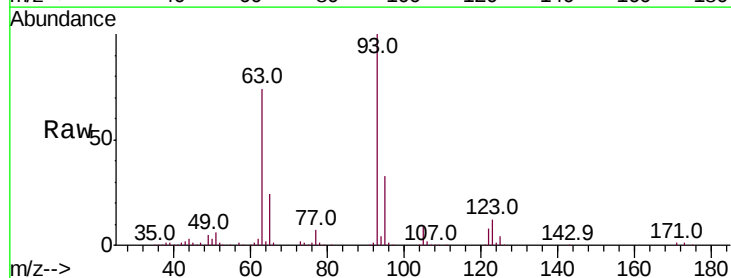
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.855 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	12.0	9.7	14.5

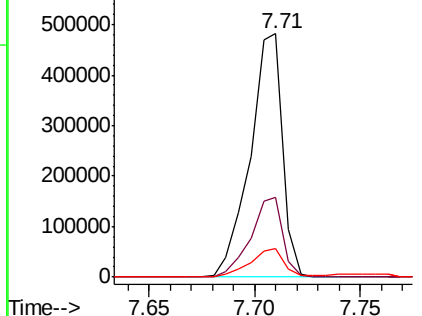
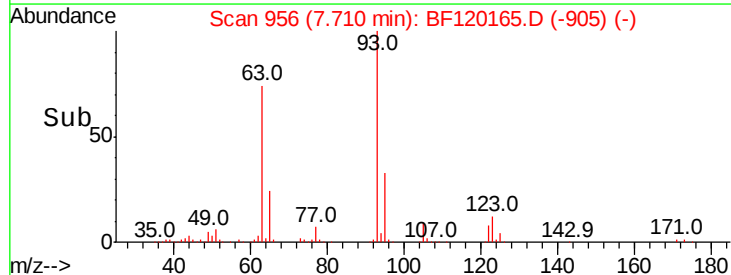


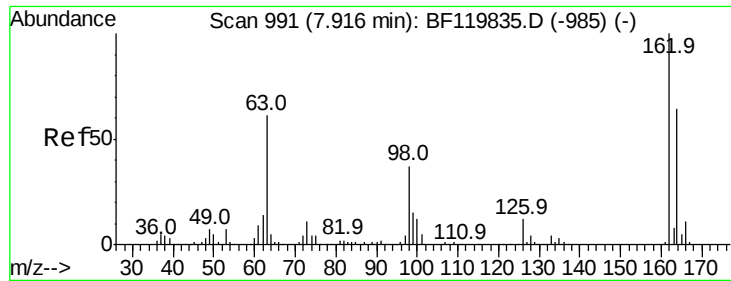
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

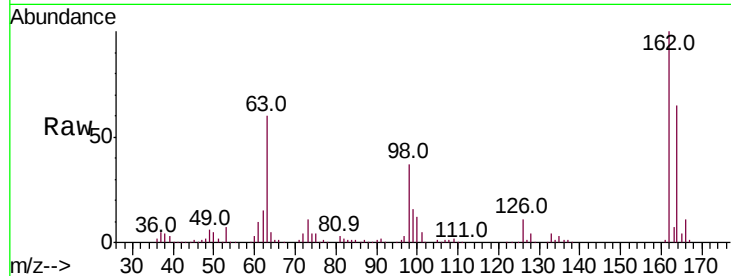




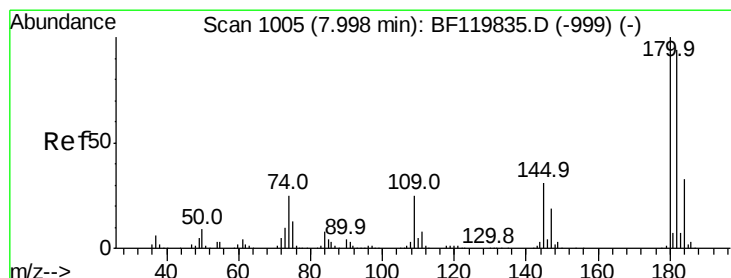
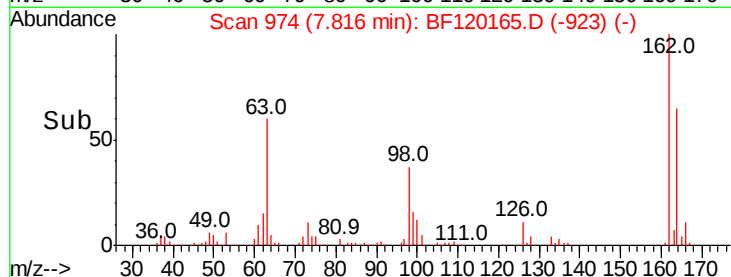
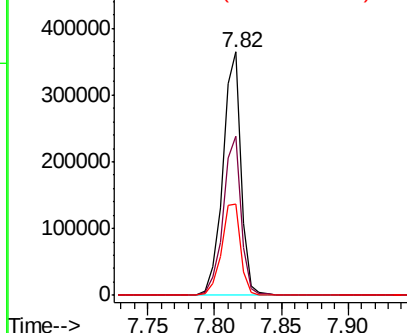
#29
 2,4-Dichlorophenol
 Concen: 44.604 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.7	84.7
98	37.3	20.7	60.7

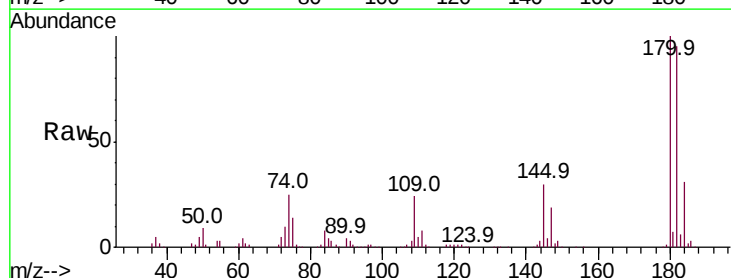


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

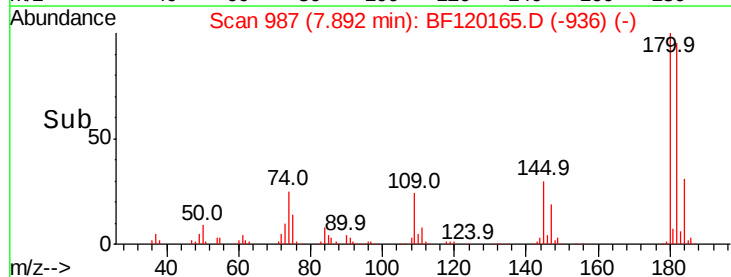
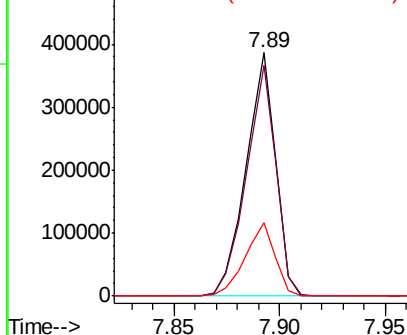


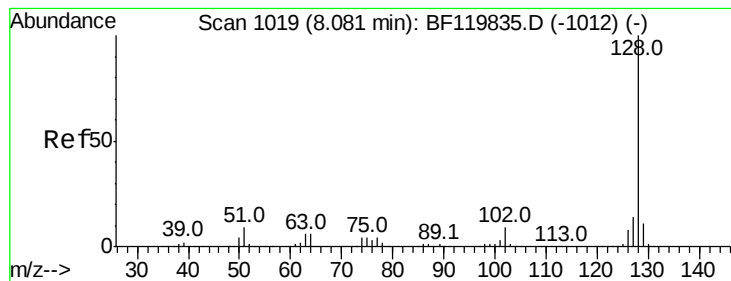
#30
 1,2,4-Trichlorobenzene
 Concen: 42.174 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	74.7	112.1
145	30.3	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.807 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

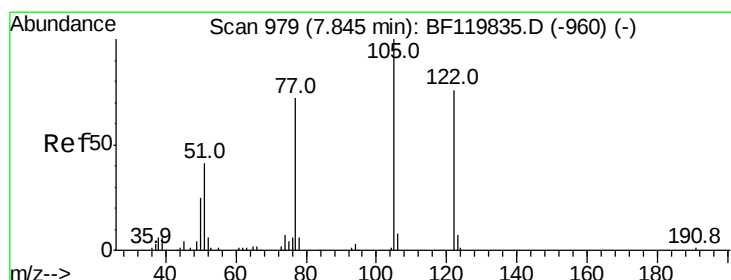
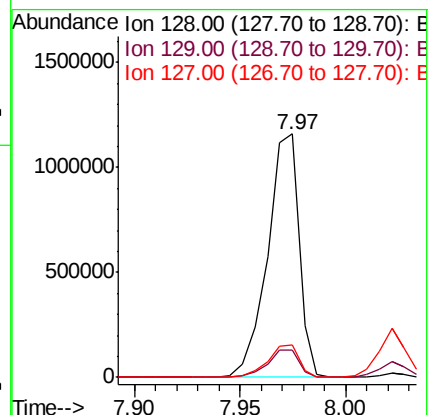
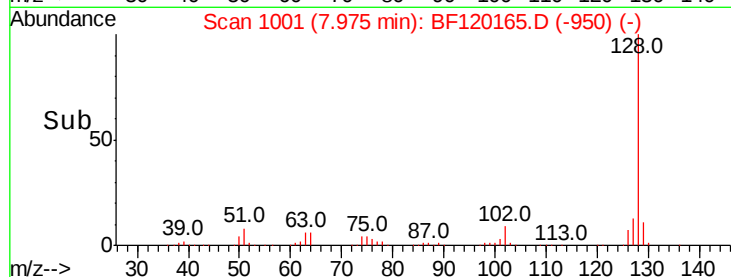
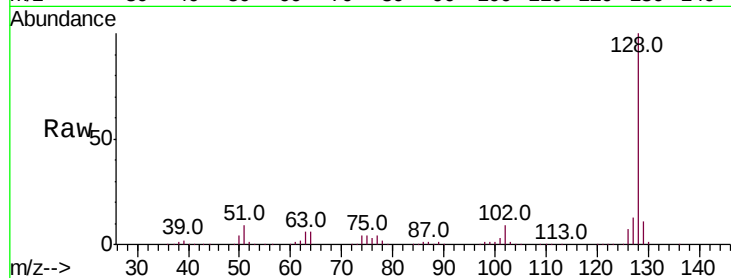
Tot Ion:128 Resp: 1209095

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

127 13.3 11.3 16.9



#32

Benzoic acid

Concen: 40.321 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

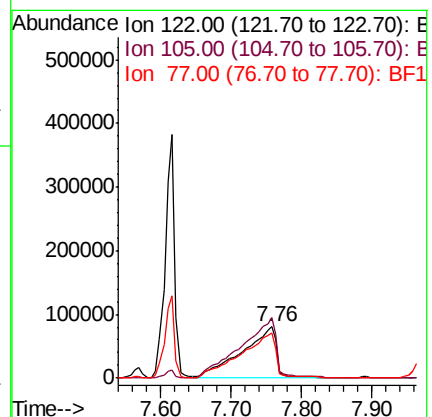
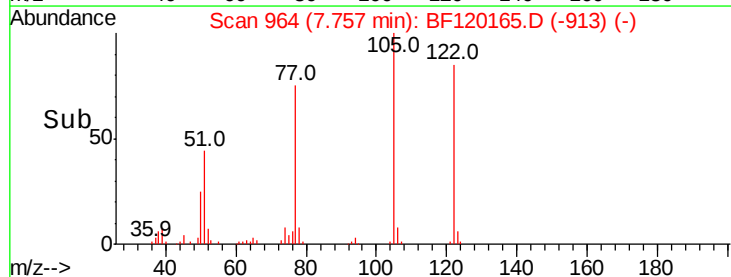
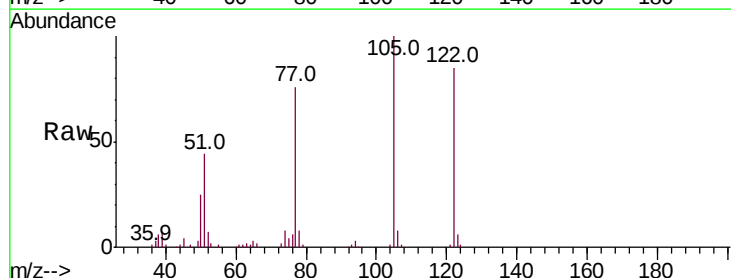
Tgt Ion:122 Resp: 272182

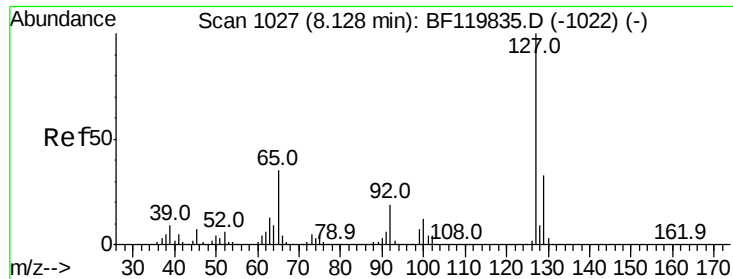
Ion Ratio Lower Upper

122 100

105 117.5 104.9 144.9

77 89.3 74.4 114.4

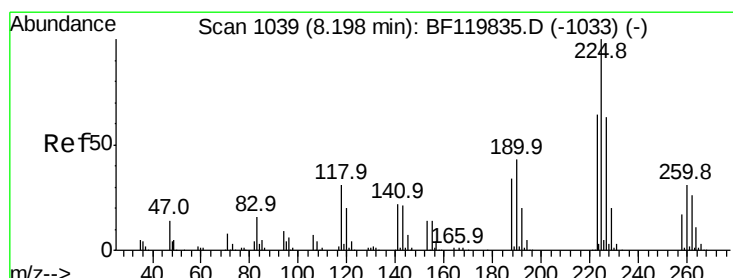
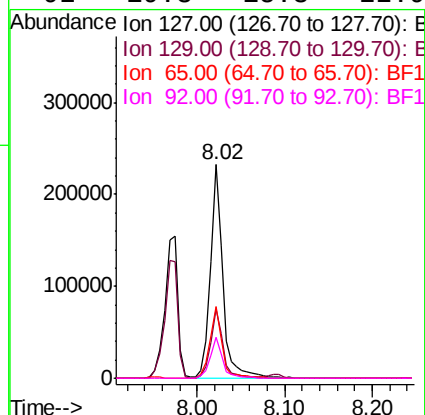
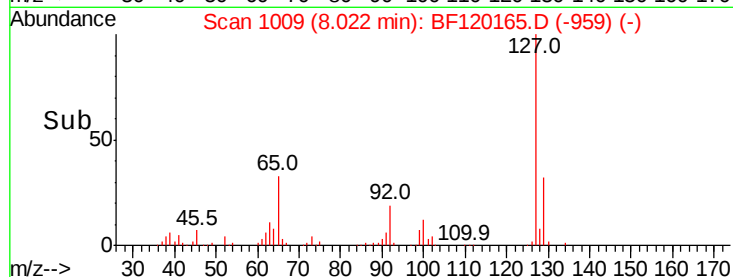
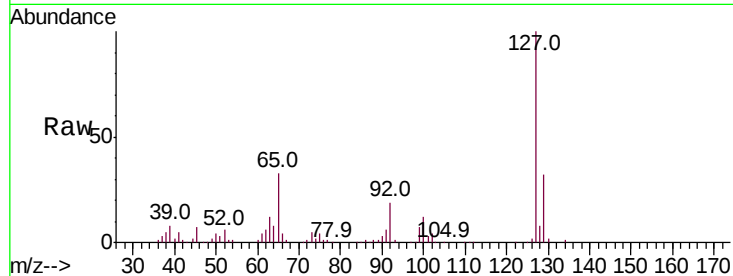




#33
4-Chloroaniline
Concen: 19.394 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

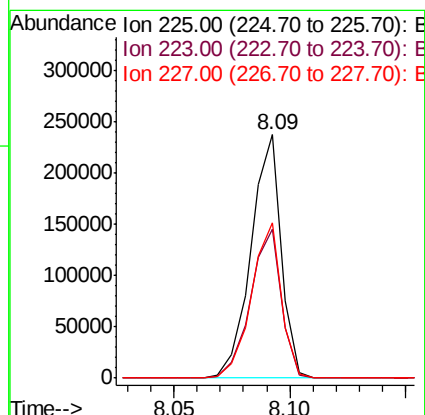
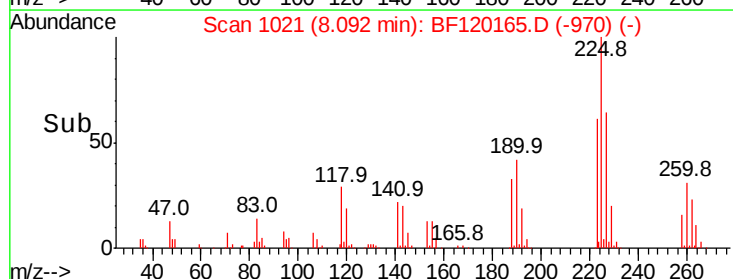
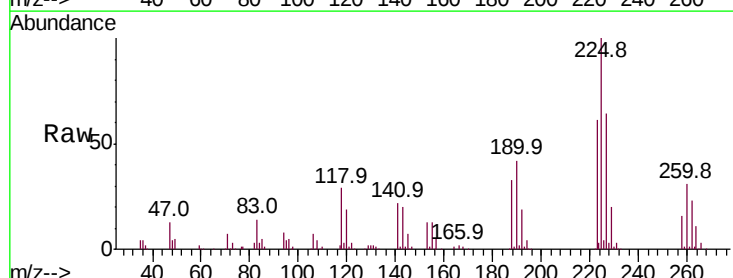
Instrument :
BNA_F
ClientSampleId :
PB128274BS

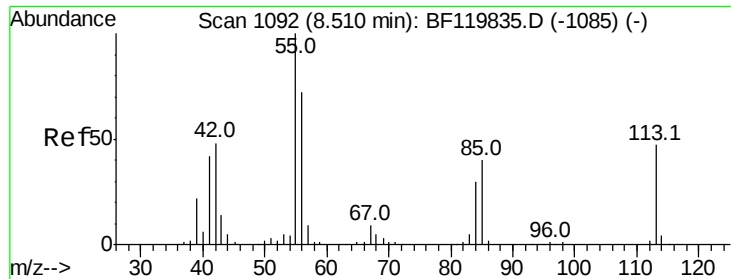
Tot Ion:127	Resp:	233032
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.2 39.4
65	33.4	27.4 41.0
92	19.3	15.3 22.9



#34
Hexachlorobutadiene
Concen: 40.548 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion:225	Resp:	216678
Ion Ratio	Lower	Upper
225	100	
223	61.1	51.0 76.6
227	64.0	50.7 76.1

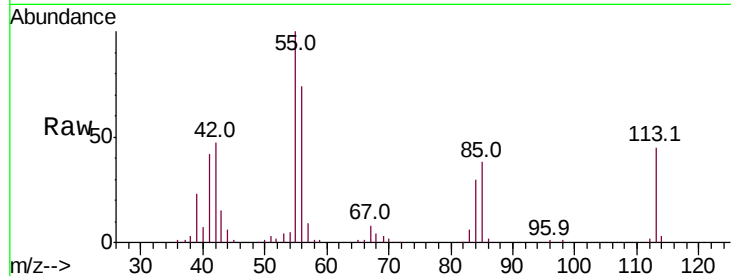




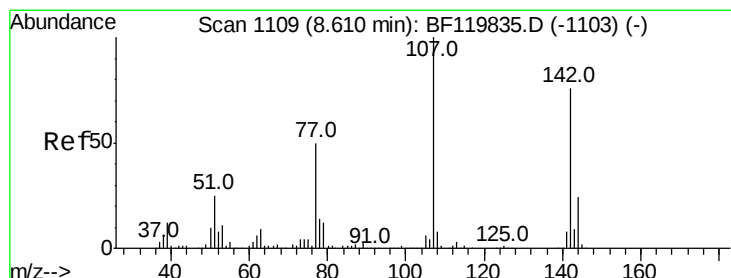
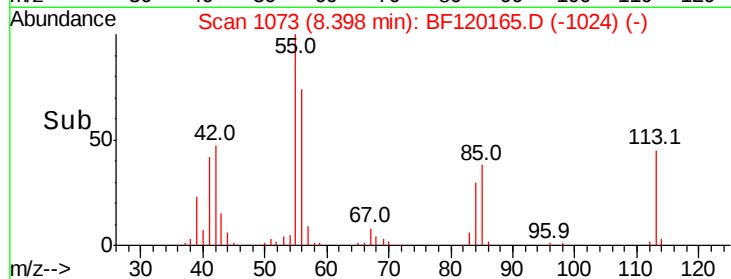
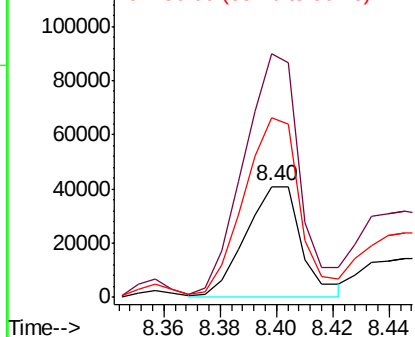
#35
 Caprolactam
 Concen: 23.514 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion:113 Resp: 56669
 Ion Ratio Lower Upper
 113 100
 55 220.0 218.4 258.4
 56 162.5 148.9 188.9

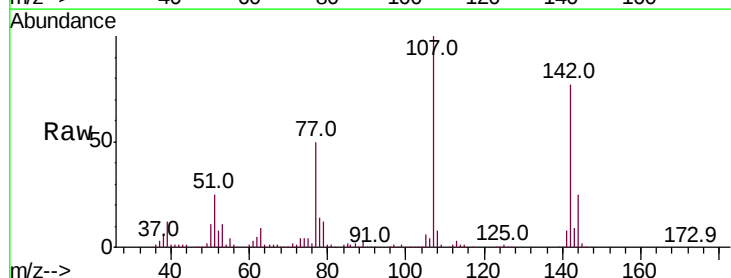


Abundance Ion 113.00 (112.70 to 113.70): E
 120000 Ion 55.00 (54.70 to 55.70): BF1
 100000 Ion 56.00 (55.70 to 56.70): BF1

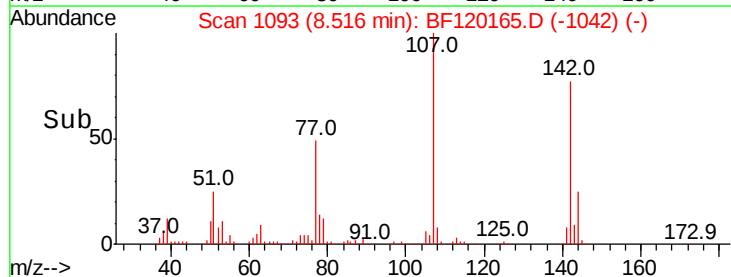
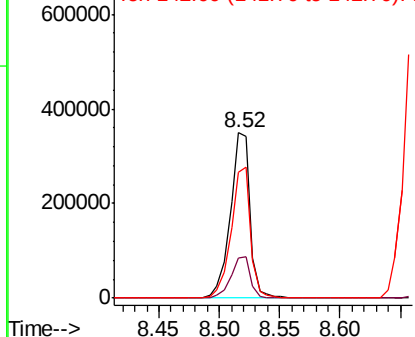


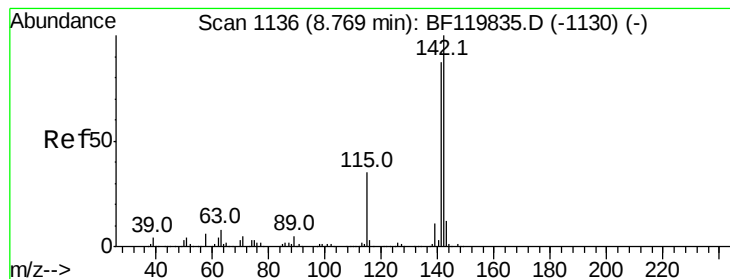
#36
 4-Chloro-3-methylphenol
 Concen: 46.467 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion:107 Resp: 396351
 Ion Ratio Lower Upper
 107 100
 144 24.6 21.0 31.6
 142 76.5 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
 600000 Ion 144.00 (143.70 to 144.70): E
 400000 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.886 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

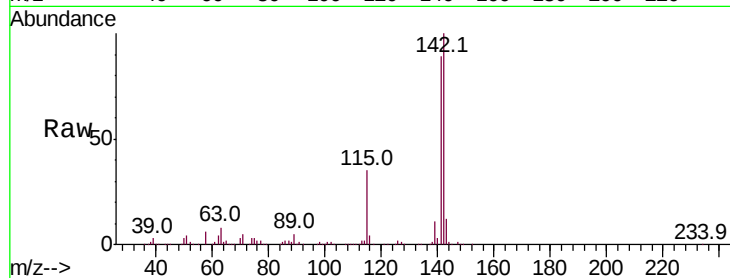
Tot Ion:142 Resp: 839908

Ion Ratio Lower Upper

142 100

141 88.9 71.7 107.5

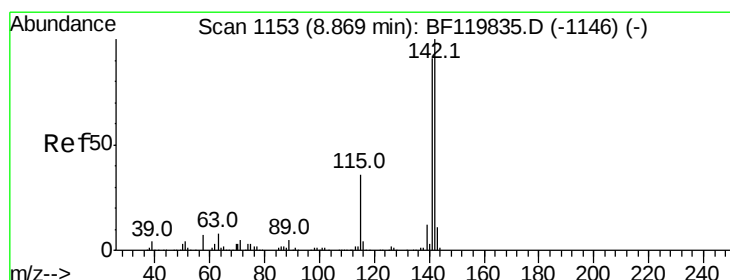
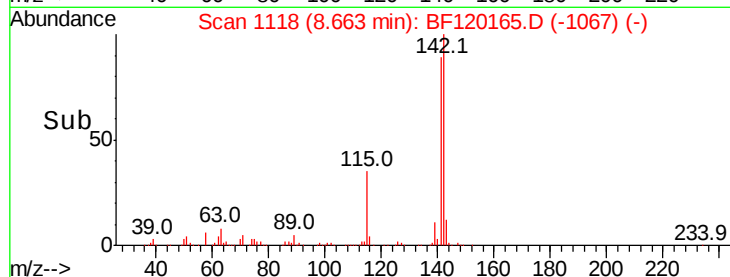
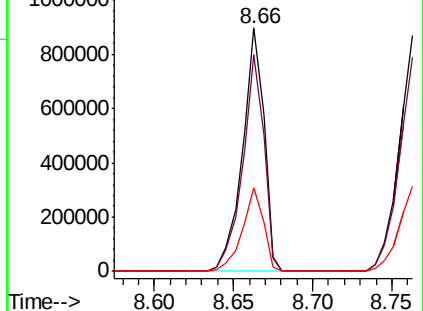
115 34.5 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.246 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

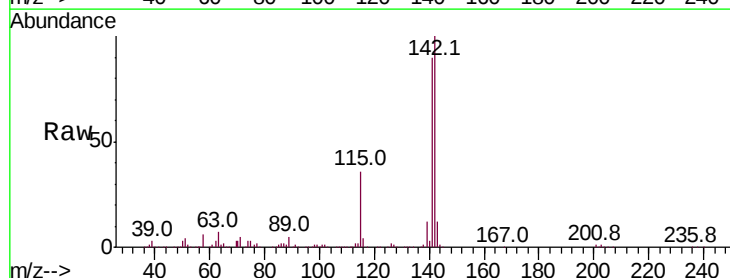
Tgt Ion:142 Resp: 798004

Ion Ratio Lower Upper

142 100

141 90.3 73.7 110.5

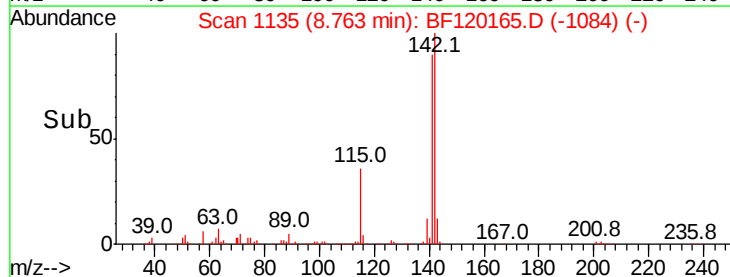
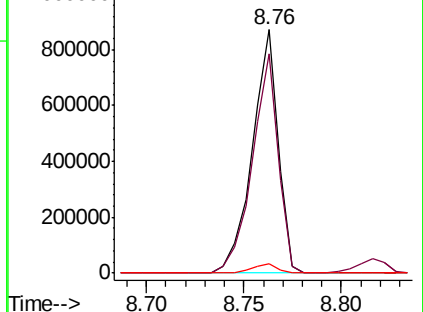
116 3.8 3.0 4.6

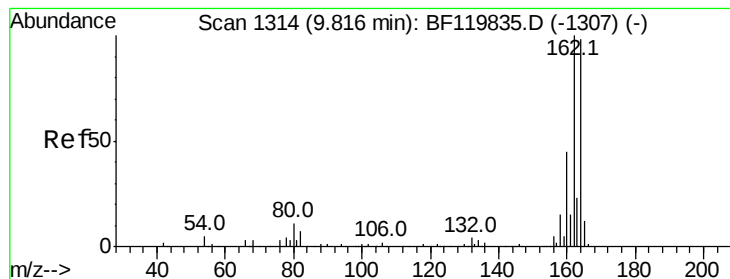


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

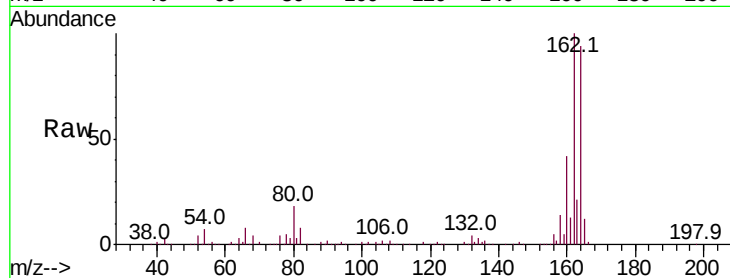
Tot Ion:164 Resp: 284640

Ion Ratio Lower Upper

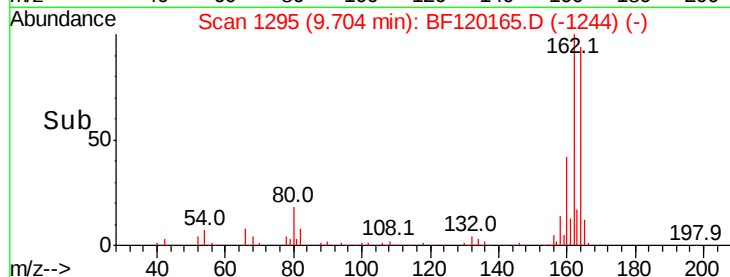
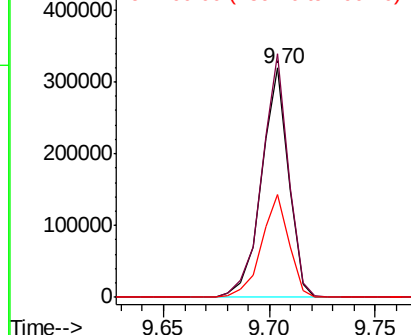
164 100

162 106.1 80.6 121.0

160 45.1 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.750 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Tgt Ion:216 Resp: 375343

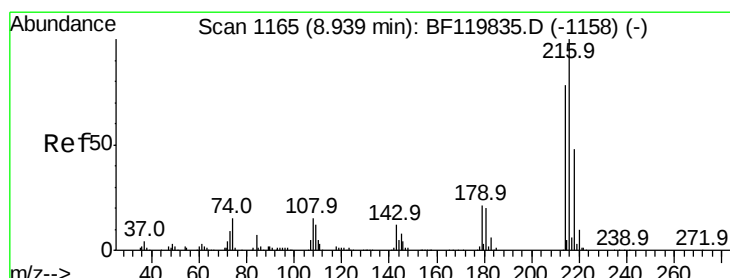
Ion Ratio Lower Upper

216 100

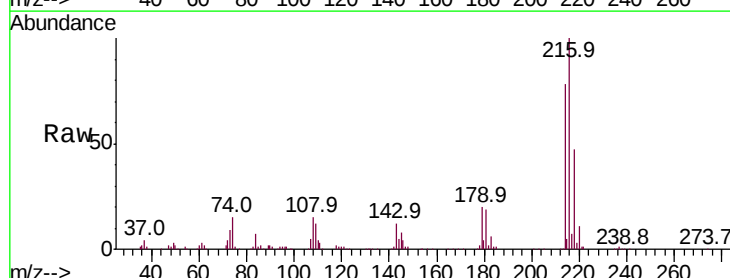
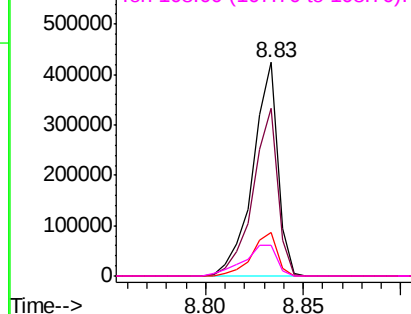
214 78.3 63.2 94.8

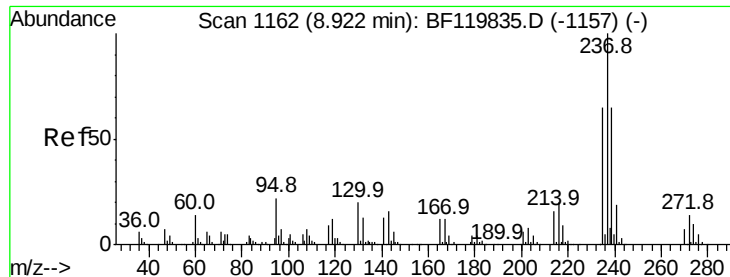
179 20.8 17.1 25.7

108 19.5 15.1 22.7



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.108 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

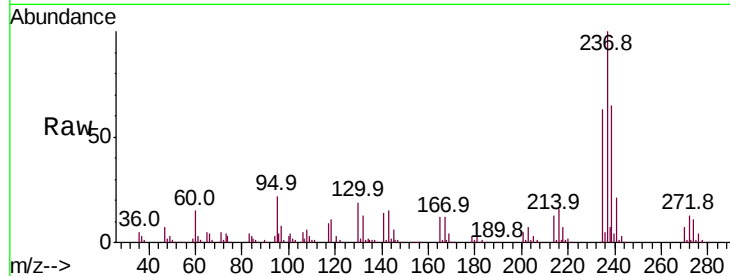
Tot Ion:237 Resp: 394188

Ion Ratio Lower Upper

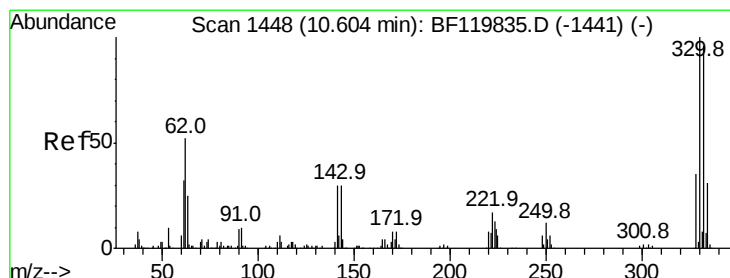
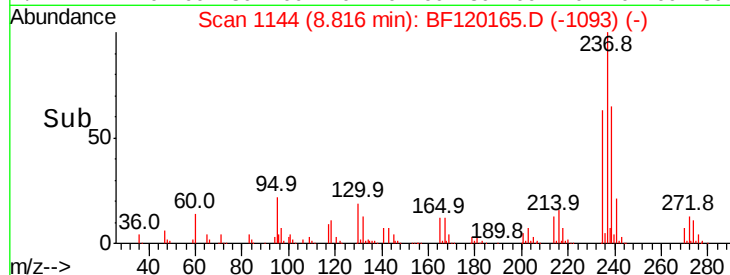
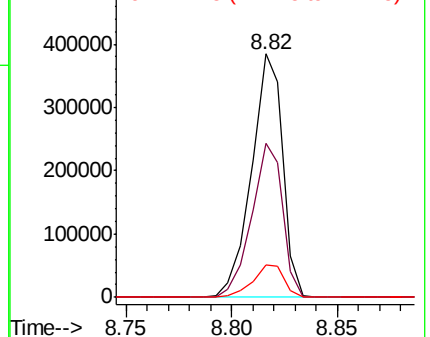
237 100

235 63.1 43.2 83.2

272 13.1 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 105.446 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

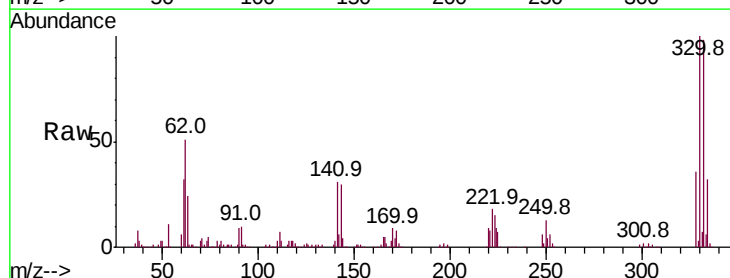
Tgt Ion:330 Resp: 367475

Ion Ratio Lower Upper

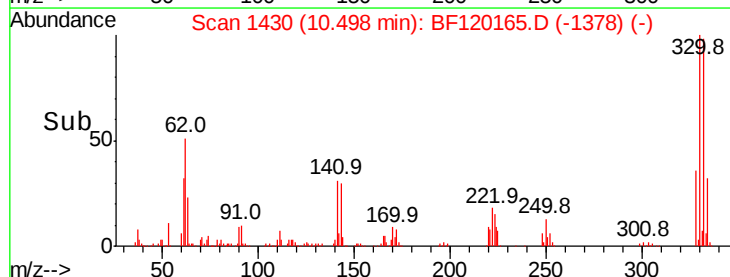
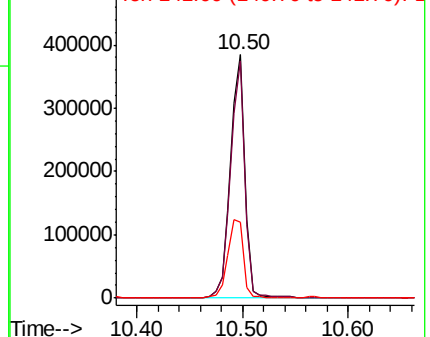
330 100

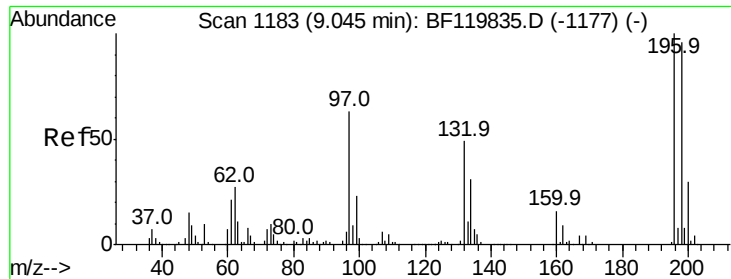
332 96.4 75.7 113.5

141 35.2 25.4 38.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

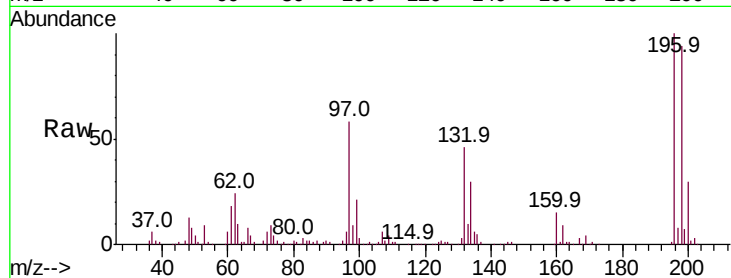




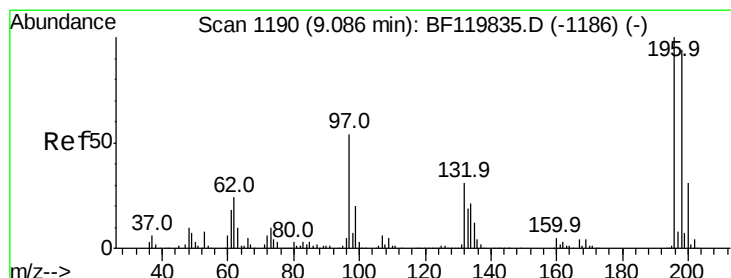
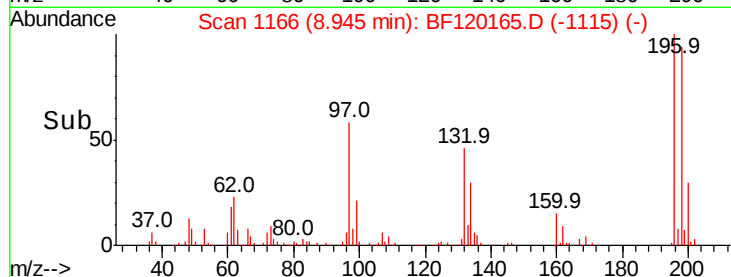
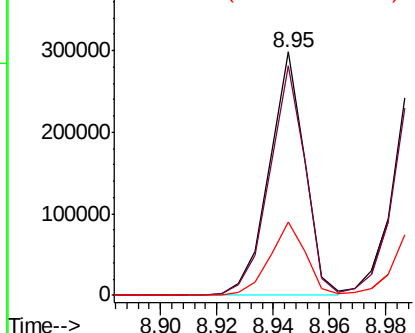
#43
 2,4,6-Trichlorophenol
 Concen: 41.937 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion:196 Resp: 260348
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.6 115.0
 200 30.4 24.6 36.8

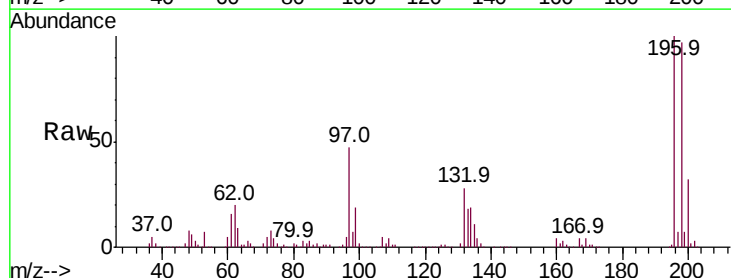


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

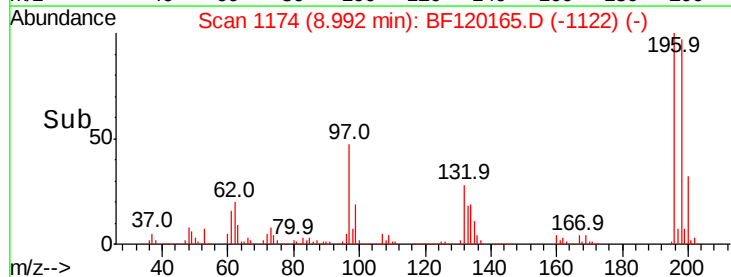
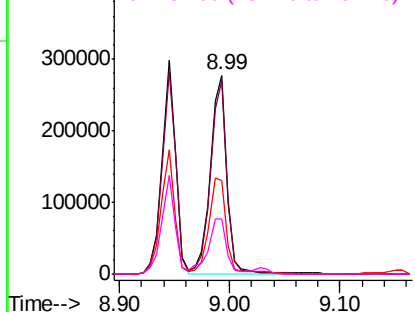


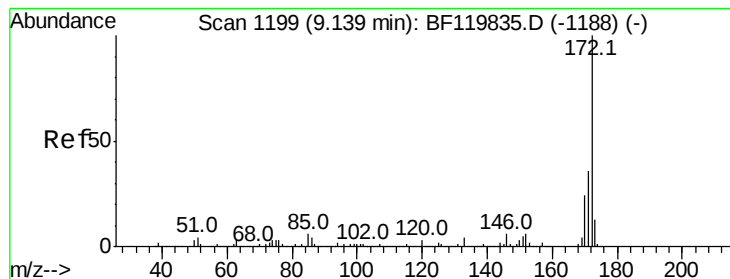
#44
 2,4,5-Trichlorophenol
 Concen: 40.198 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion:196 Resp: 281073
 Ion Ratio Lower Upper
 196 100
 198 97.3 73.8 110.8
 97 47.1 42.6 63.8
 132 27.5 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 83.182 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

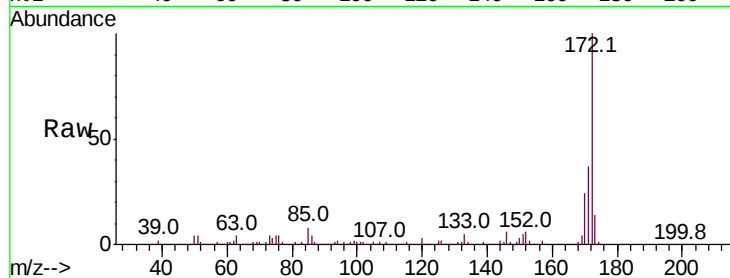
Tot Ion:172 Resp: 1667642

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

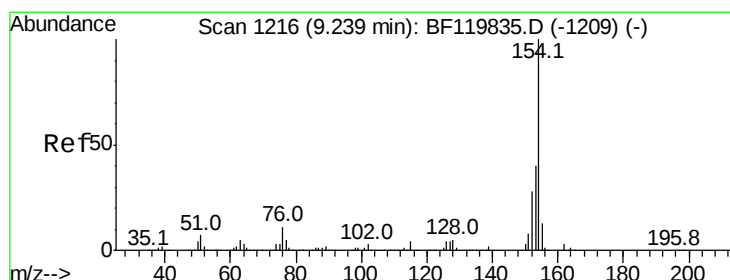
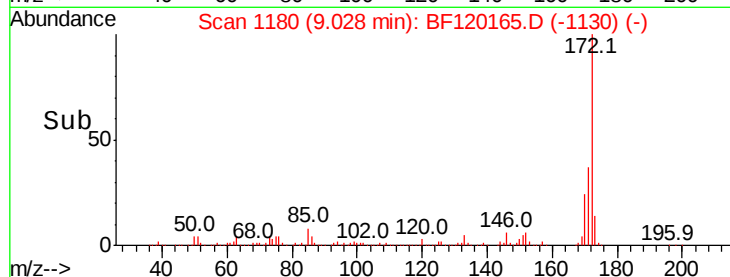
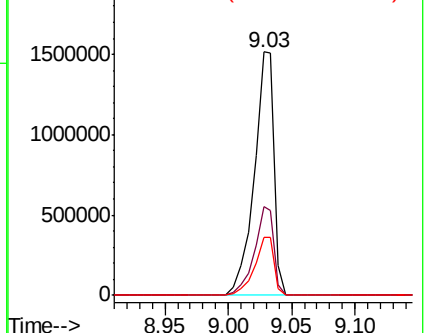
170 23.9 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.885 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

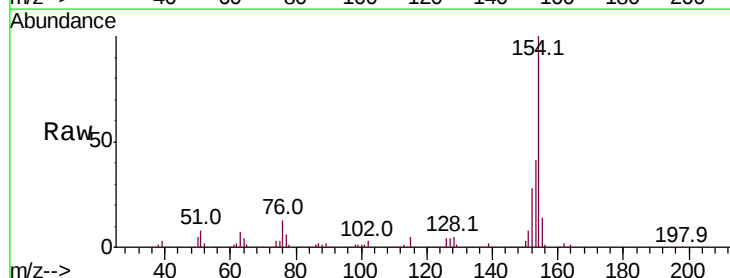
Tgt Ion:154 Resp: 1030311

Ion Ratio Lower Upper

154 100

153 41.3 21.4 61.4

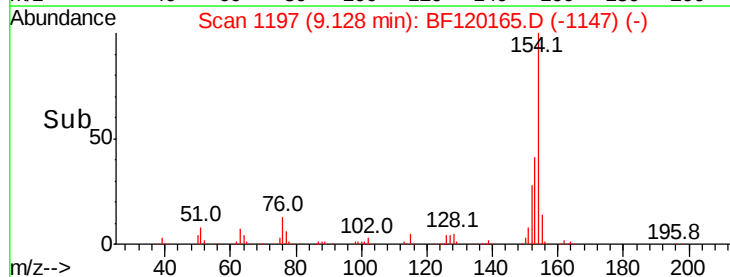
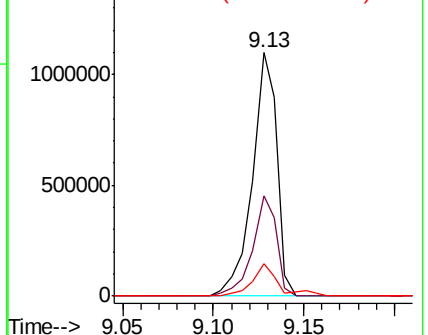
76 13.3 0.0 33.0

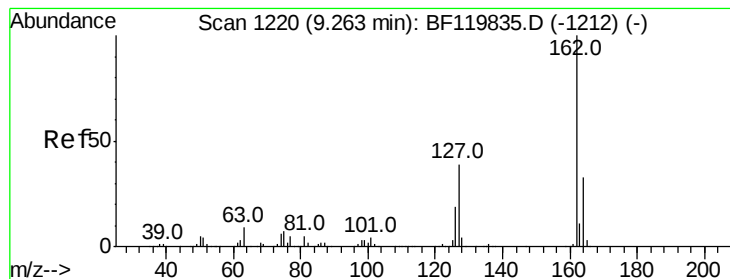


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 42.859 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

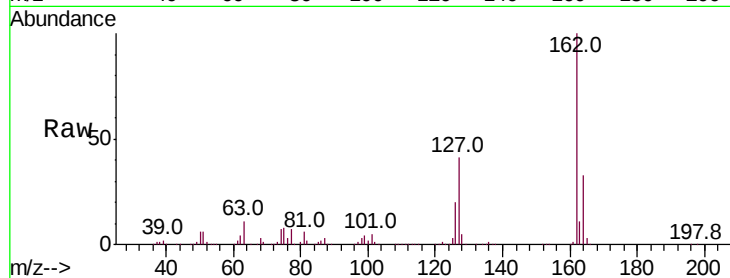
Tot Ion:162 Resp: 793219

Ion Ratio Lower Upper

162 100

127 41.3 33.7 50.5

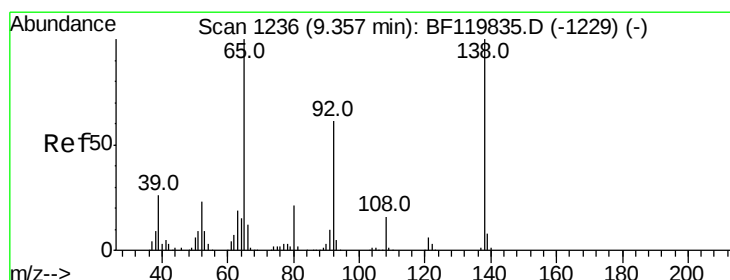
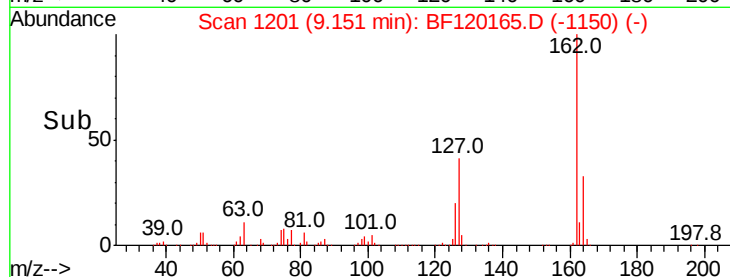
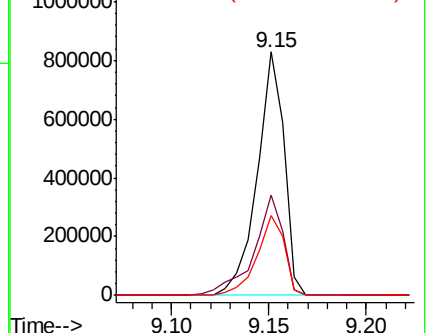
164 32.7 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.495 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

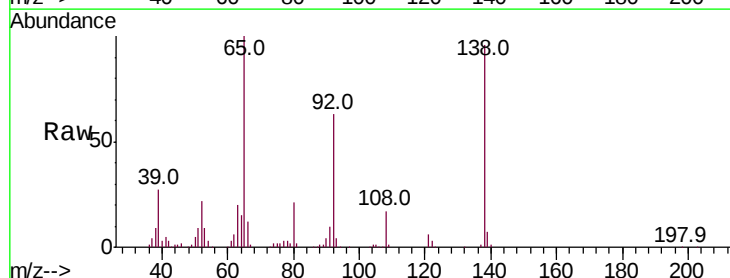
Tgt Ion: 65 Resp: 285010

Ion Ratio Lower Upper

65 100

92 62.8 50.0 75.0

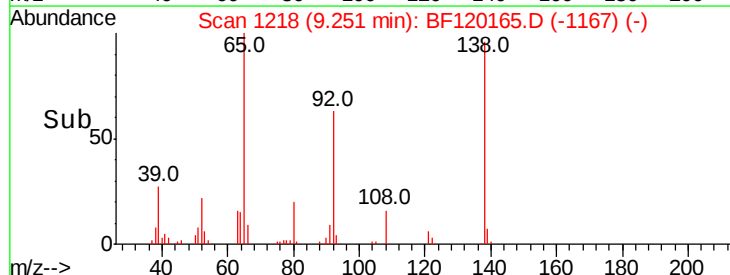
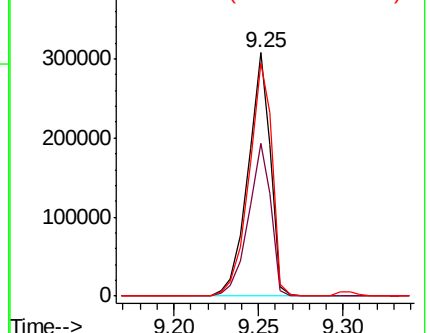
138 95.8 75.0 112.4

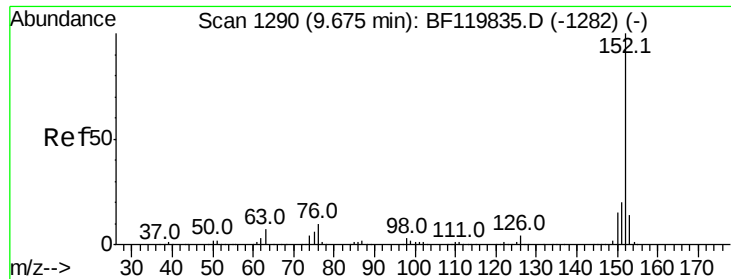


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.242 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

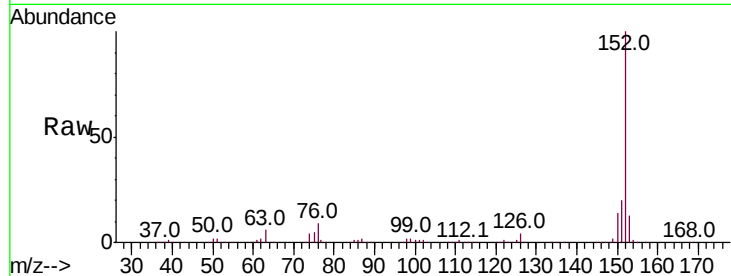
BNA_F

ClientSampleId :

PB128274BS

Tot Ion:152 Resp: 1245282

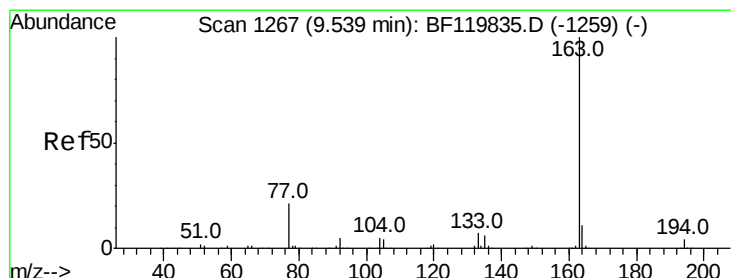
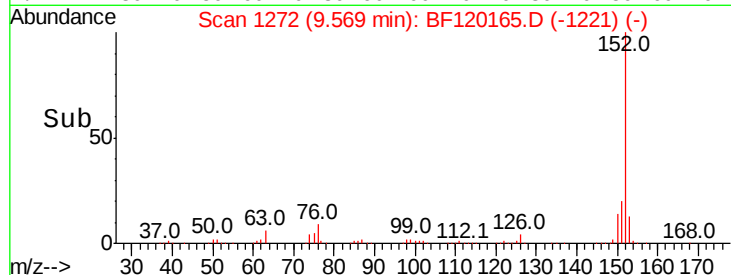
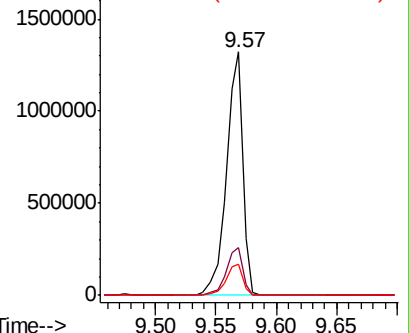
Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.2	25.8
153	13.0	11.2	16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.731 ng

RT: 9.44 min Scan# 1250

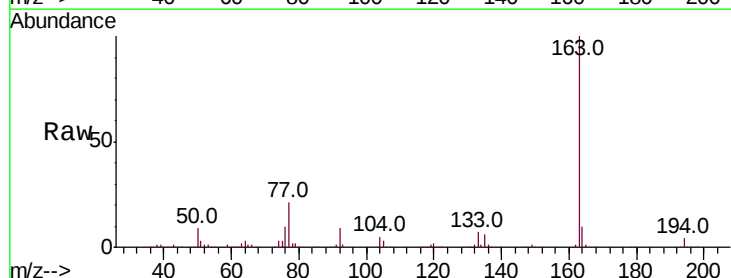
Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Tgt Ion:163 Resp: 940780

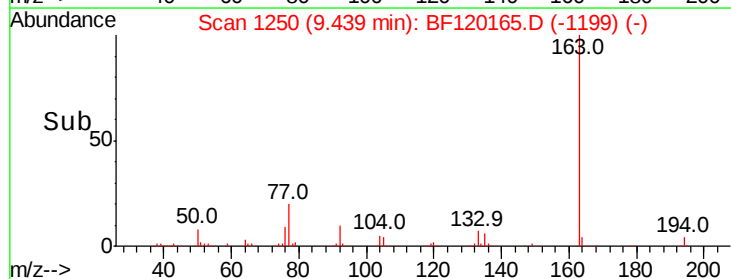
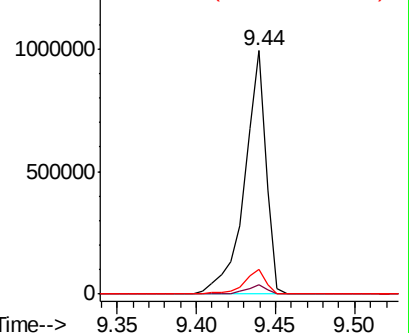
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.0	8.2	12.2

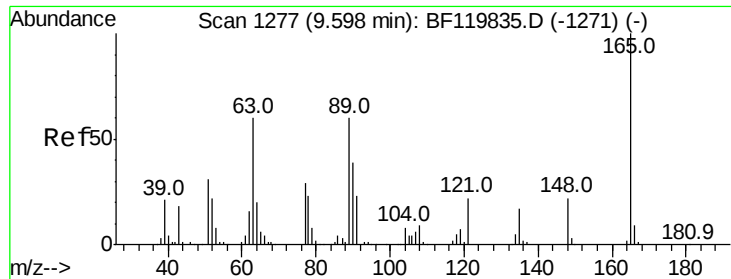


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

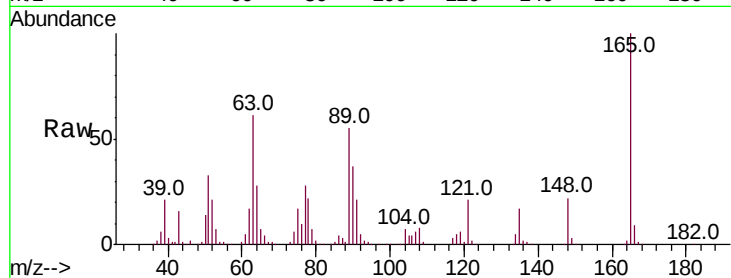




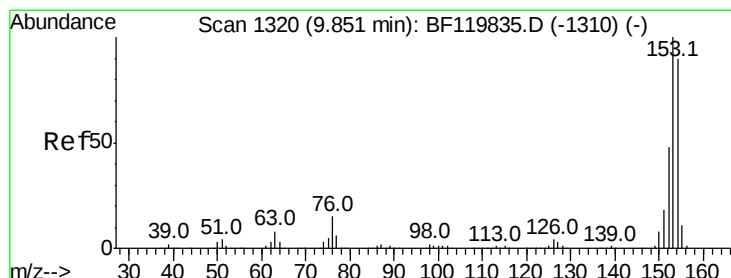
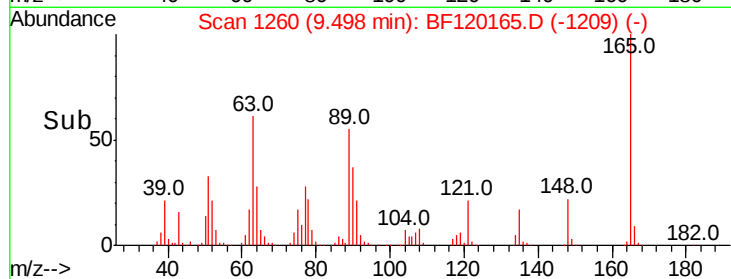
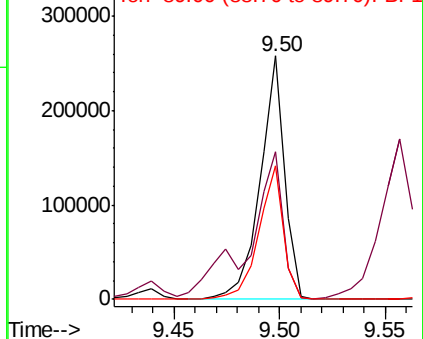
#51
2,6-Dinitrotoluene
Concen: 43.240 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion:165 Resp: 208470
Ion Ratio Lower Upper
165 100
63 60.7 45.0 67.4
89 54.7 41.5 62.3

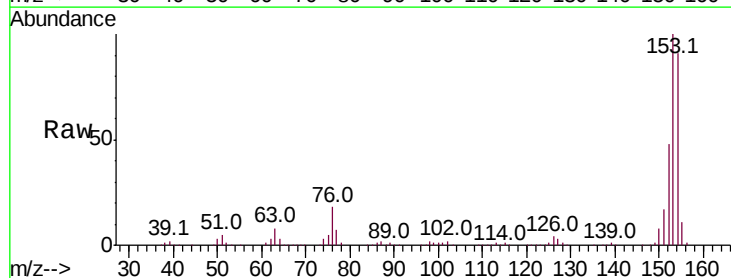


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

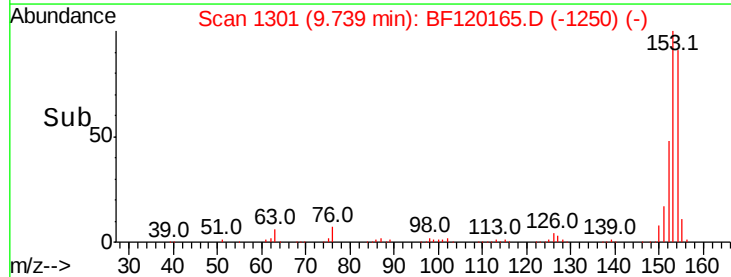
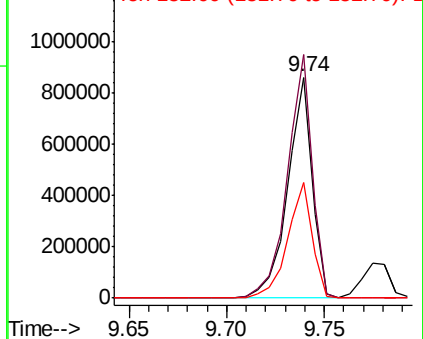


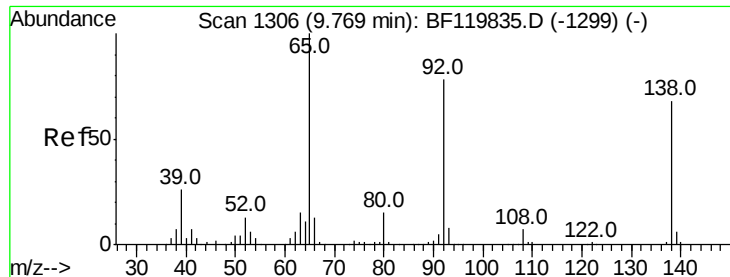
#52
Acenaphthene
Concen: 39.858 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion:154 Resp: 748361
Ion Ratio Lower Upper
154 100
153 110.2 88.1 132.1
152 52.5 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

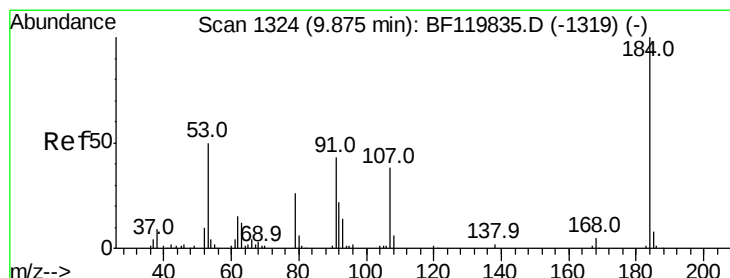
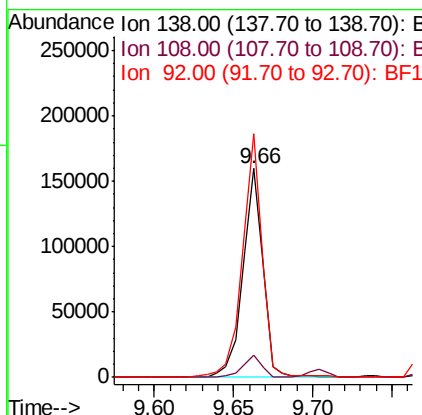
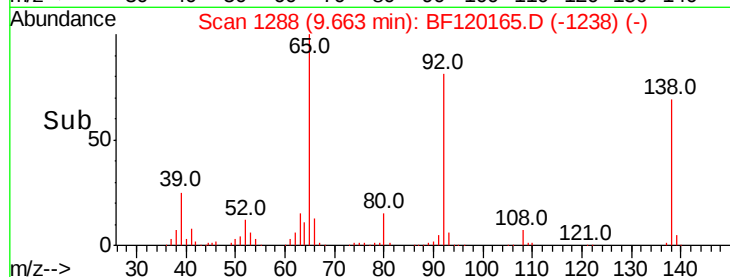
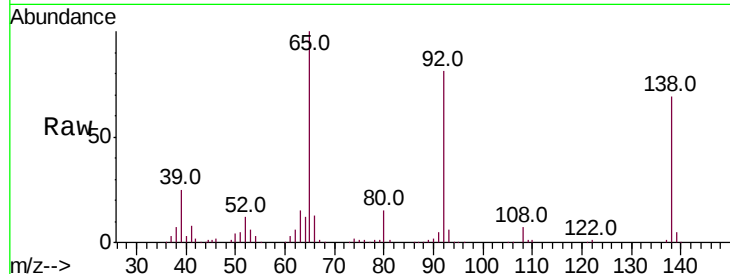




#53
 3-Nitroaniline
 Concen: 25.129 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

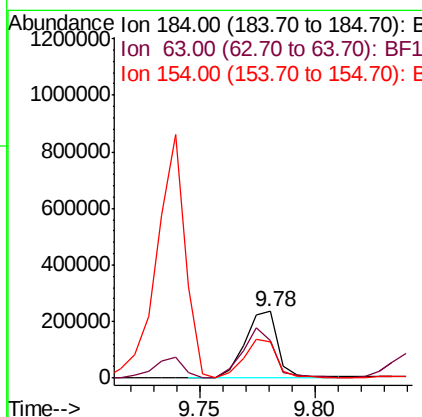
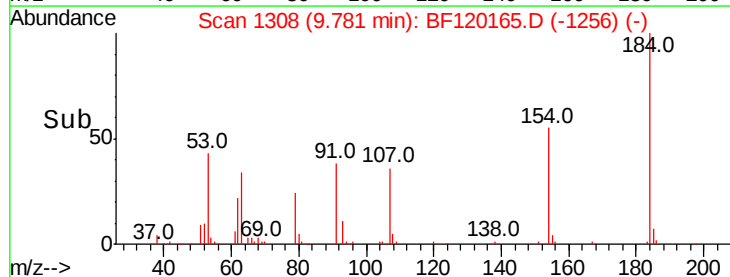
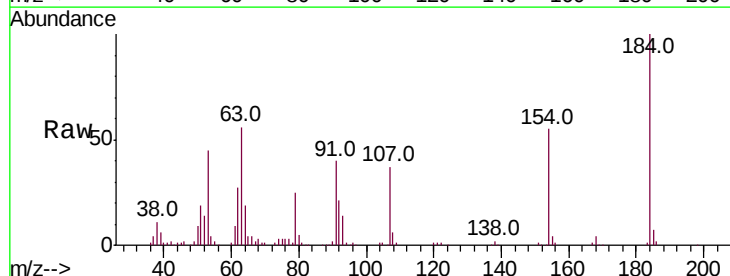
Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

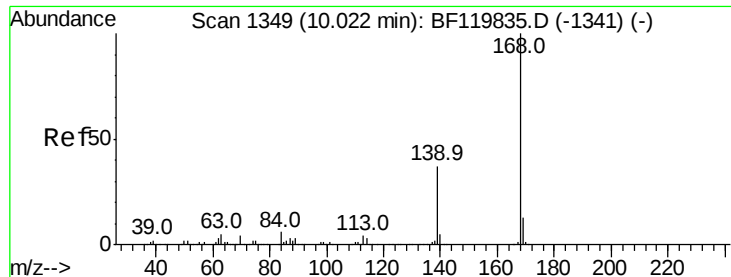
Tot Ion:138 Resp: 138367
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.6 13.0
 92 116.7 95.4 143.0



#54
 2,4-Dinitrophenol
 Concen: 82.254 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion:184 Resp: 237426
 Ion Ratio Lower Upper
 184 100
 63 56.0 50.2 75.4
 154 55.3 44.5 66.7

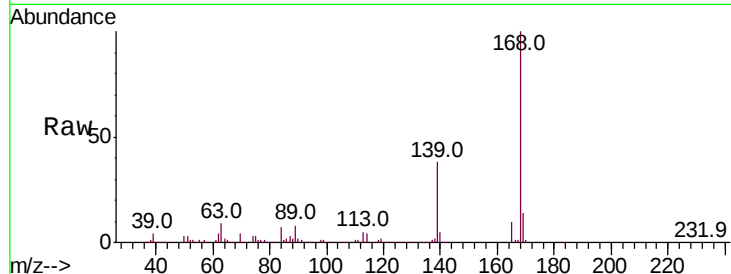




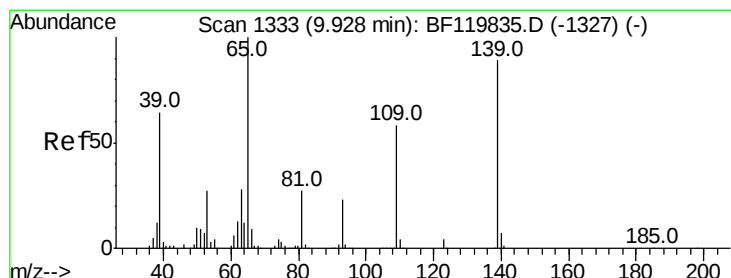
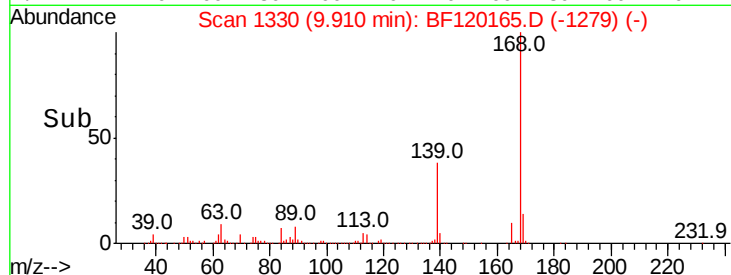
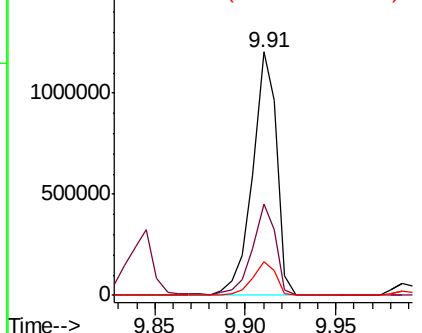
#55
Dibenzofuran
Concen: 43.294 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion:168 Resp: 1115485
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.8 11.0 16.6

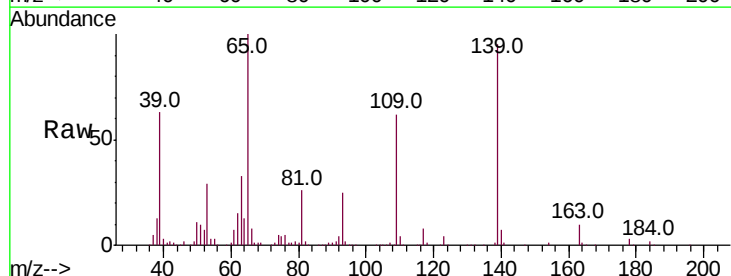


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

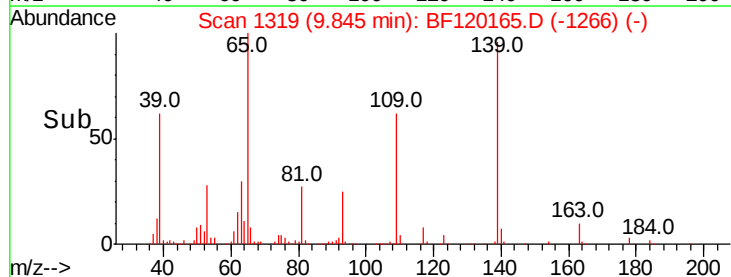
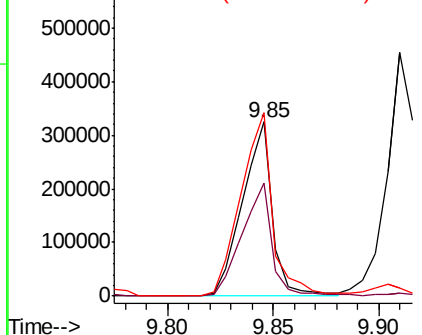


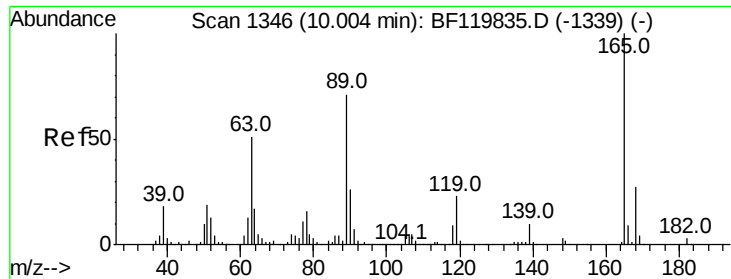
#56
4-Nitrophenol
Concen: 77.673 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion:139 Resp: 318226
Ion Ratio Lower Upper
139 100
109 65.0 43.3 83.3
65 104.9 91.0 131.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

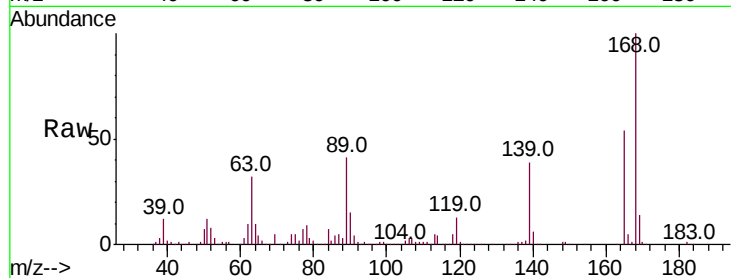




#57
 2,4-Dinitrotoluene
 Concen: 42.617 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.6	42.6	64.0
89	76.0	61.0	91.4
182	2.3	2.2	3.2



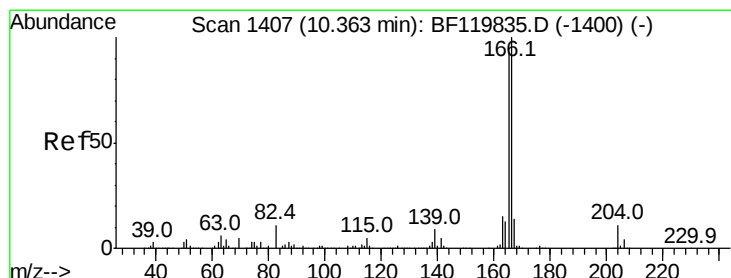
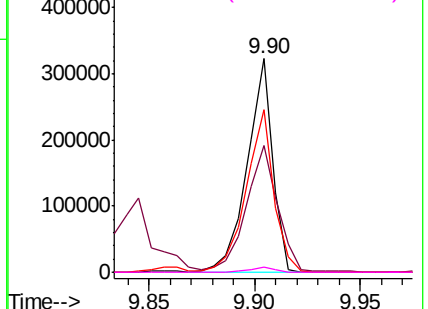
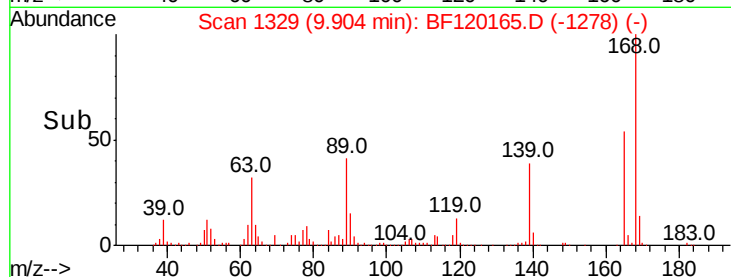
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

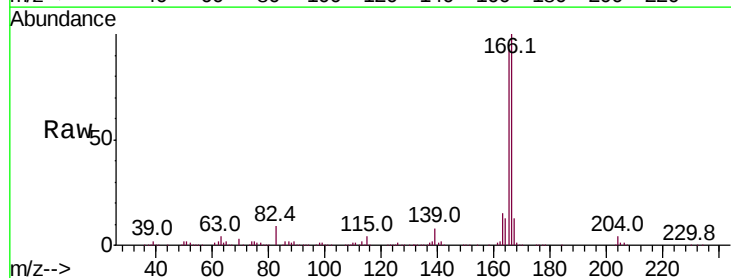
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.978 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.2	75.4	113.2
167	13.3	11.2	16.8

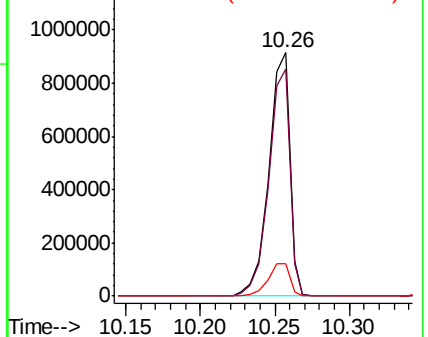
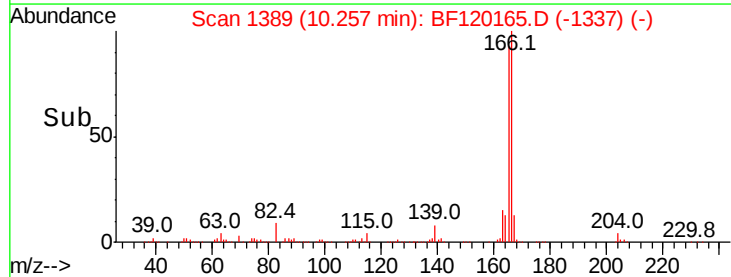


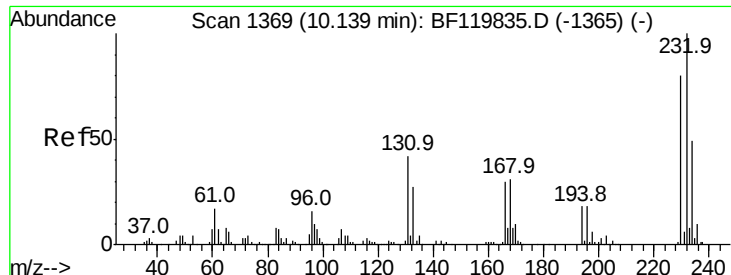
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.501 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

Tot Ion:232 Resp: 232631

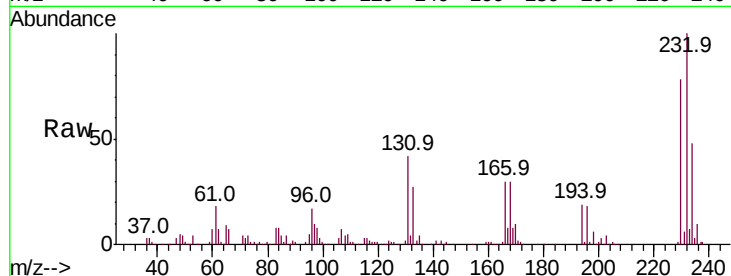
Ion Ratio Lower Upper

232 100

131 46.0 37.5 56.3

130 2.1 1.8 2.6

166 30.9 24.6 36.8

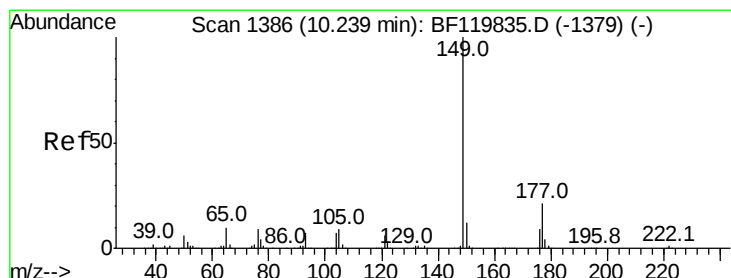
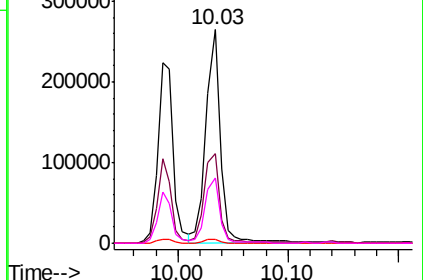
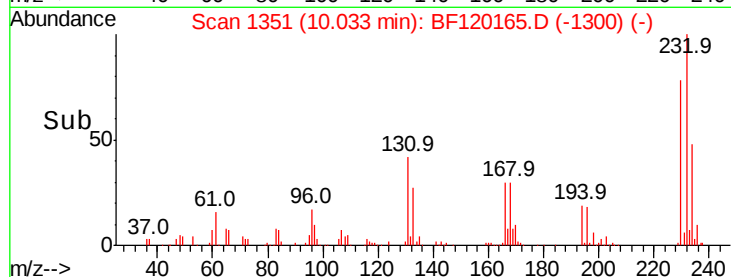


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.270 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

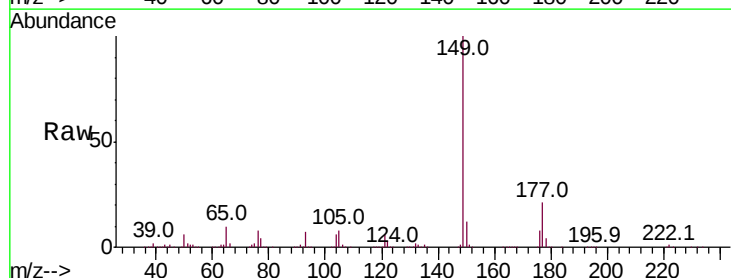
Tgt Ion:149 Resp: 964552

Ion Ratio Lower Upper

149 100

177 20.8 17.0 25.6

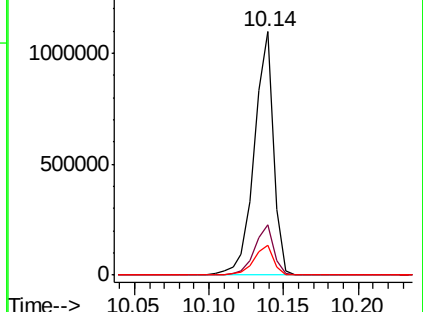
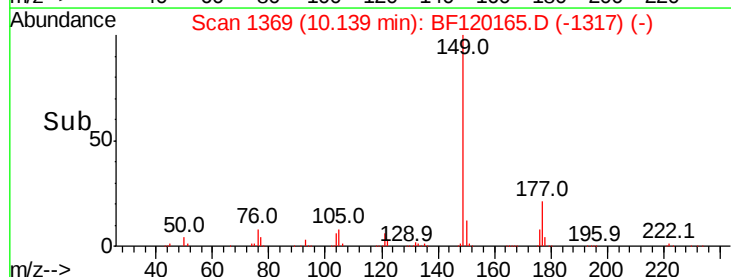
150 12.4 10.1 15.1

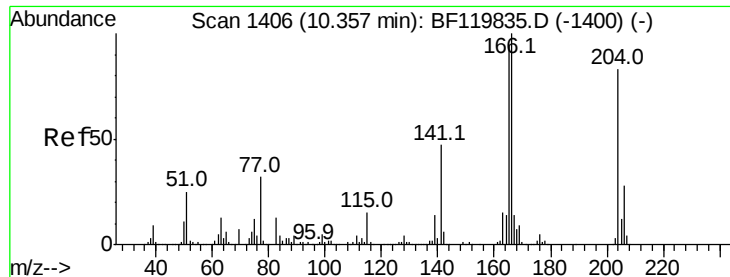


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

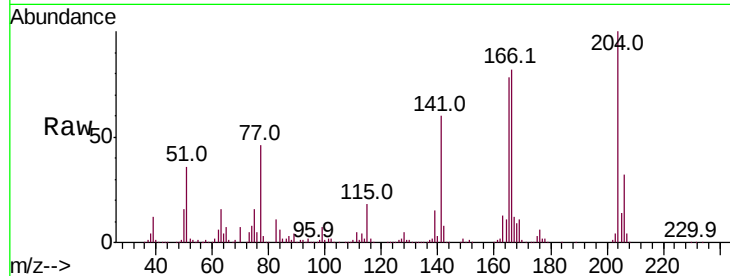




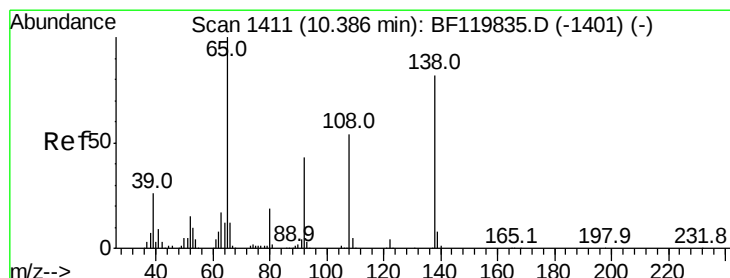
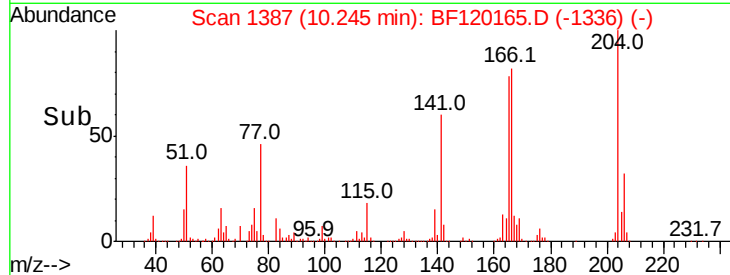
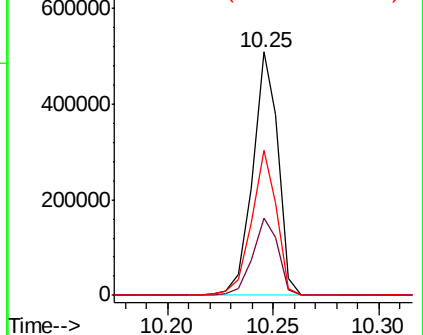
#61
 4-Chlorophenyl-phenylether
 Concen: 40.369 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion:204 Resp: 426342
 Ion Ratio Lower Upper
 204 100
 206 31.6 26.7 40.1
 141 59.6 47.3 70.9

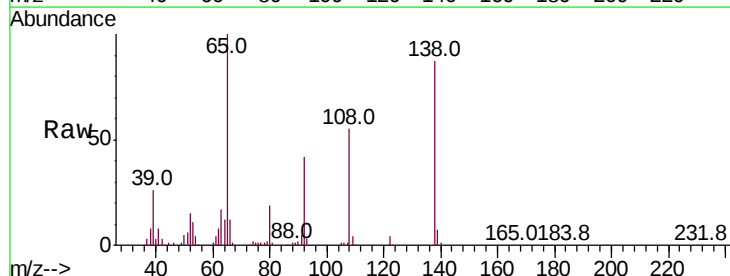


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

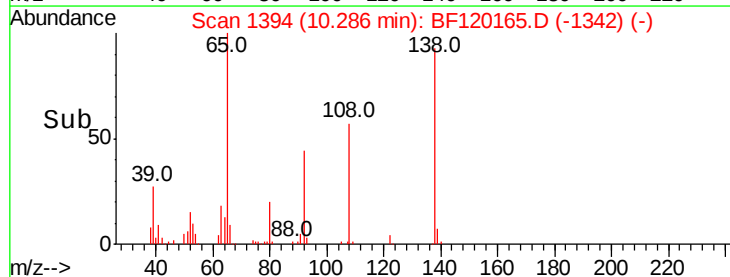
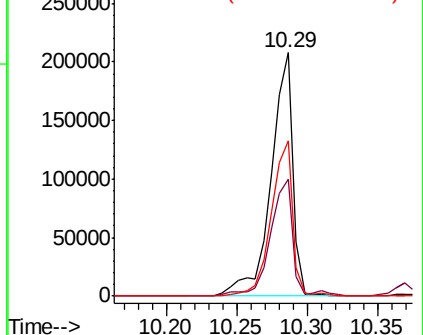


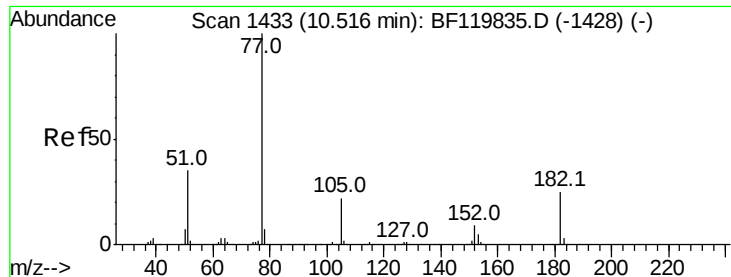
#62
 4-Nitroaniline
 Concen: 43.064 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion:138 Resp: 225982
 Ion Ratio Lower Upper
 138 100
 92 48.0 31.5 71.5
 108 63.6 45.8 85.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.607 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

Tot Ion: 77 Resp: 912204

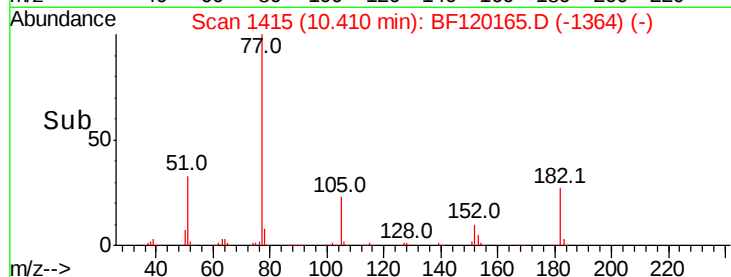
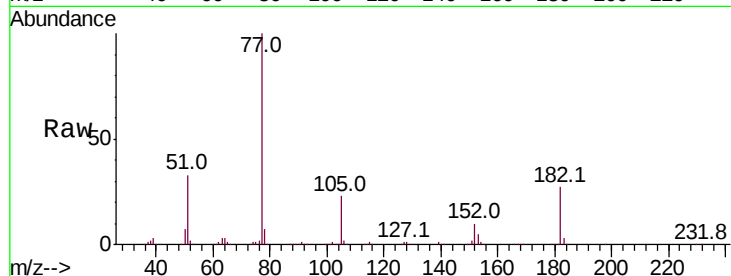
Ion Ratio Lower Upper

77 100

182 27.1 4.4 44.4

105 23.0 2.6 42.6

51 33.4 15.1 55.1

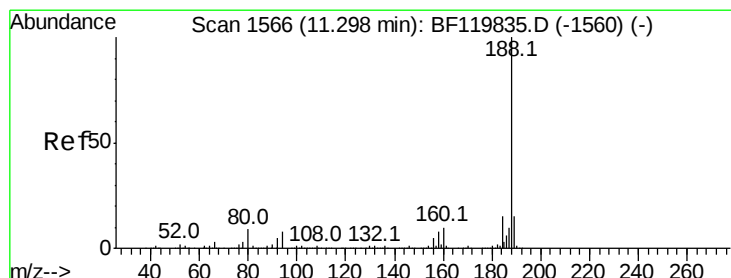
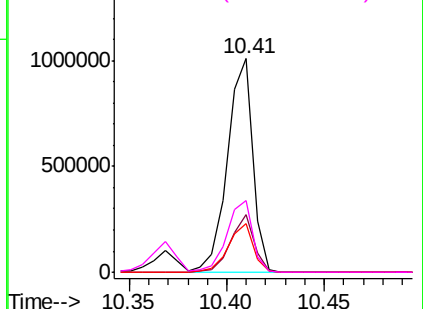


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

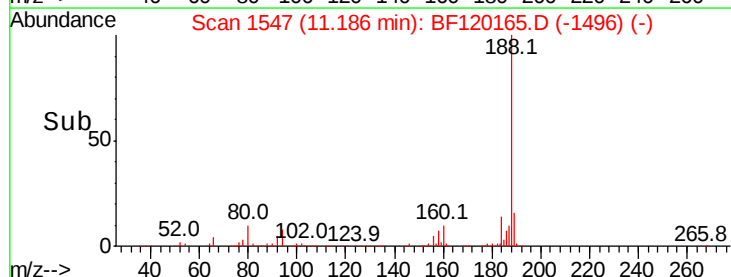
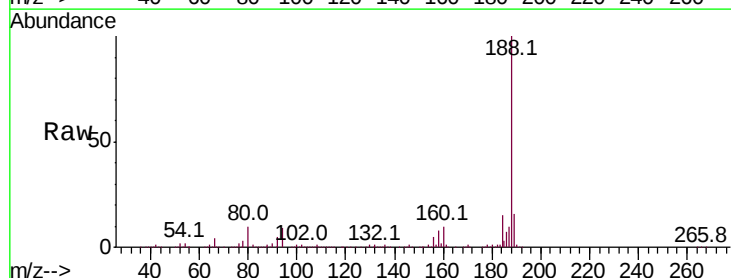
Tgt Ion: 188 Resp: 542595

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

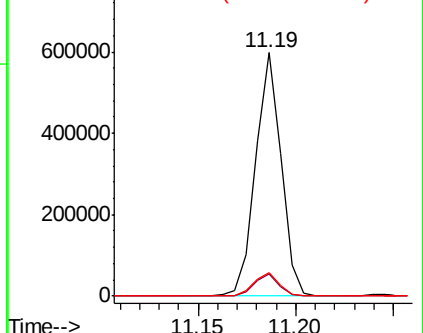
80 9.9 9.0 13.4

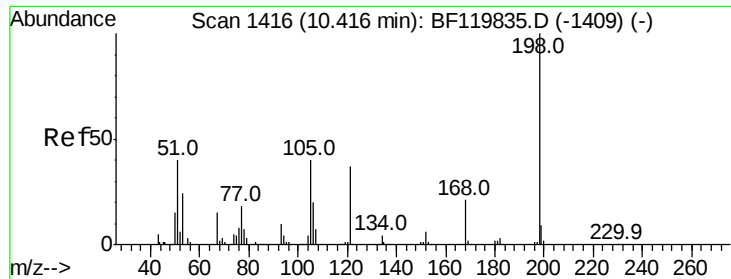


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

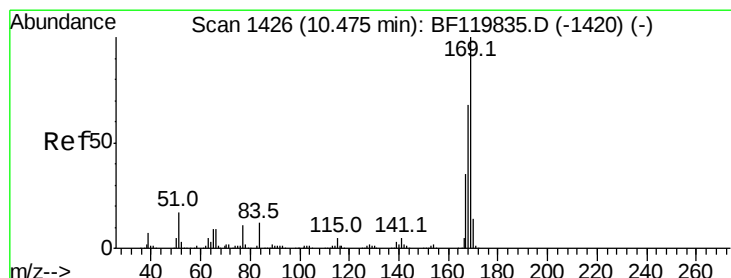
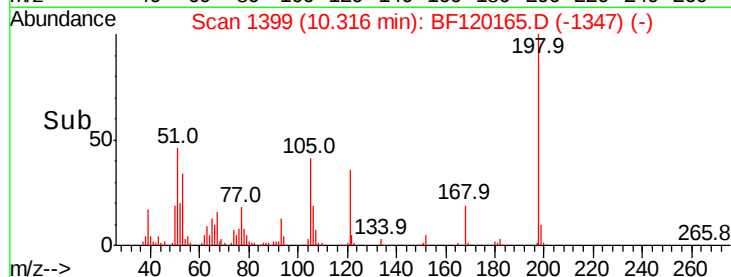
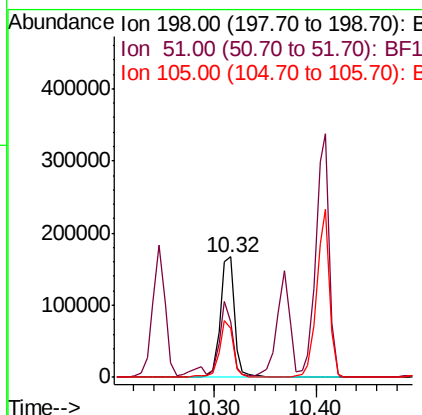
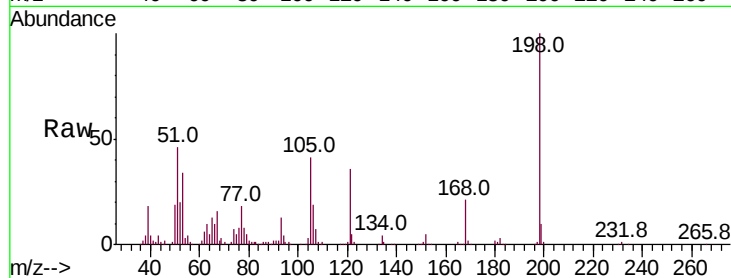




#65
4,6-Dinitro-2-methylphenol
Concen: 45.732 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

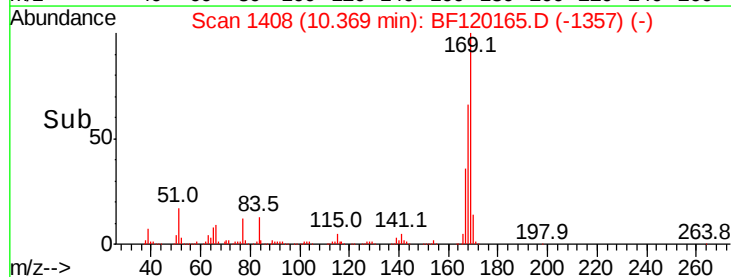
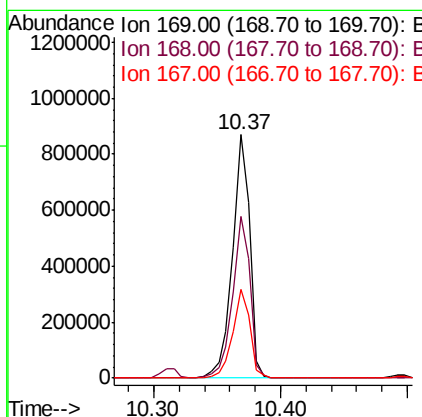
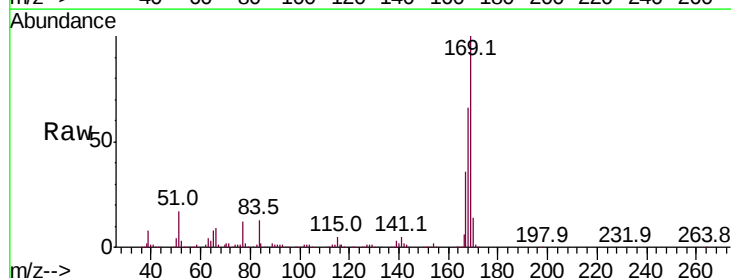
Instrument :
BNA_F
ClientSampleId :
PB128274BS

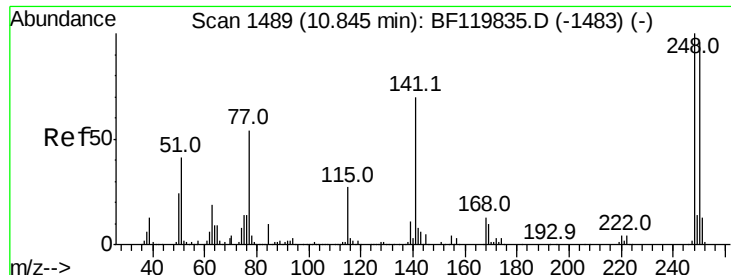
Tot Ion:198 Resp: 163477
Ion Ratio Lower Upper
198 100
51 45.7 29.0 69.0
105 40.9 22.2 62.2



#66
n-Nitrosodiphenylamine
Concen: 44.796 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion:169 Resp: 808353
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.3 29.1 43.7

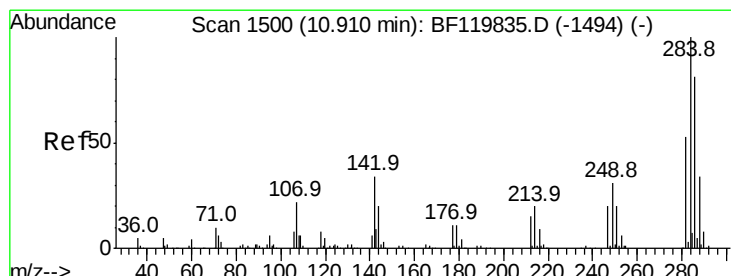
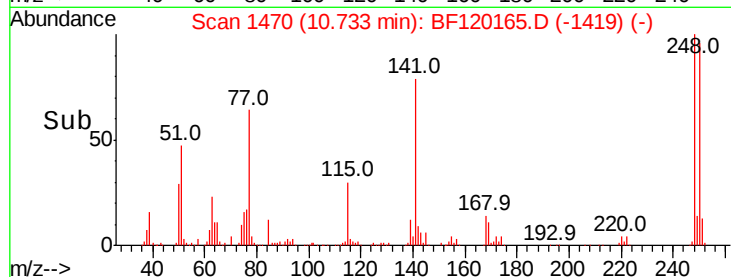
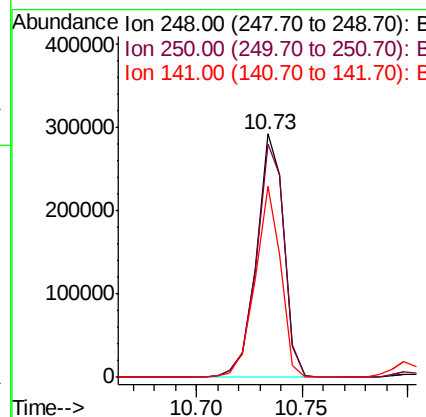
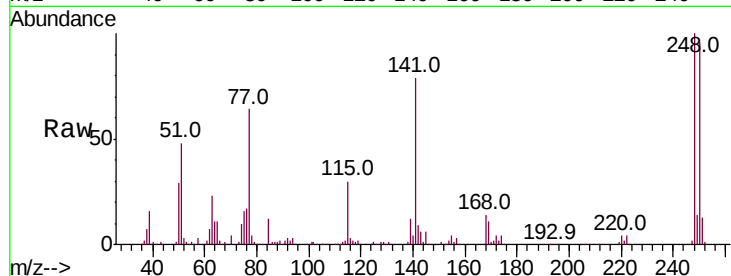




#67
 4-Bromophenyl-phenylether
 Concen: 38.872 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

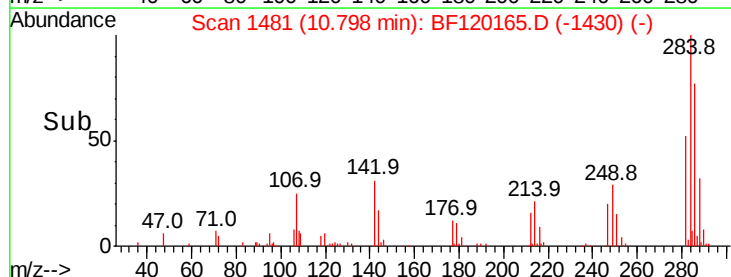
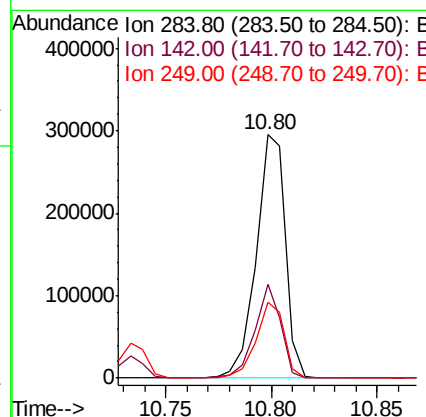
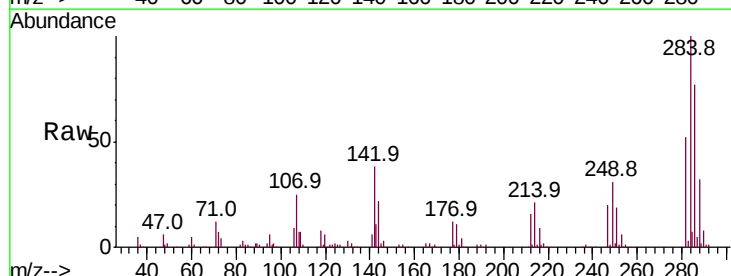
Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

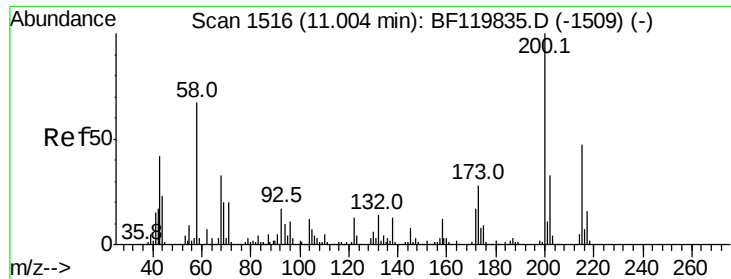
Tot Ion:248 Resp: 262301
 Ion Ratio Lower Upper
 248 100
 250 95.9 77.3 115.9
 141 78.7 58.6 87.8



#68
 Hexachlorobenzene
 Concen: 41.548 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion:284 Resp: 284408
 Ion Ratio Lower Upper
 284 100
 142 38.4 29.2 43.8
 249 31.4 25.1 37.7





#69

Atrazine

Concen: 49.030 ng

RT: 10.90 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

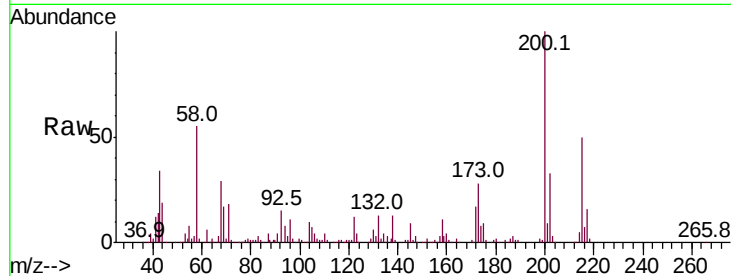
Tot Ion:200 Resp: 246165

Ion Ratio Lower Upper

200 100

173 27.9 9.3 49.3

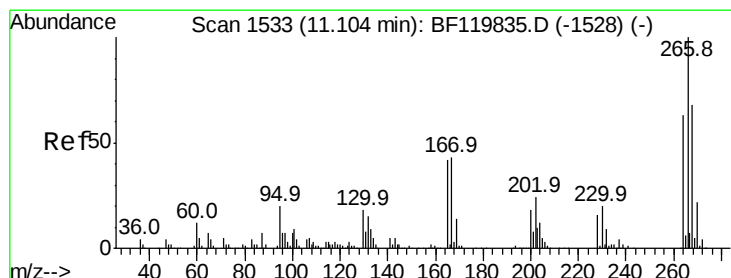
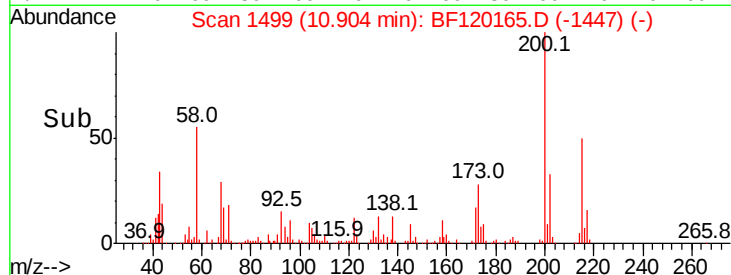
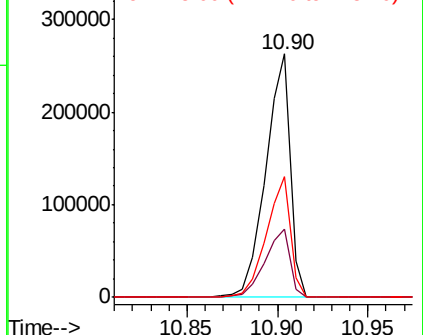
215 49.6 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 69.866 ng

RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

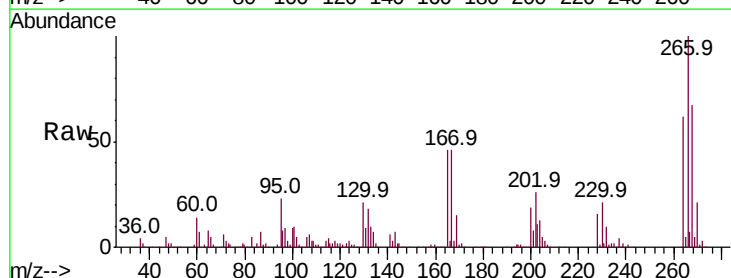
Tgt Ion:266 Resp: 275606

Ion Ratio Lower Upper

266 100

268 67.3 53.3 79.9

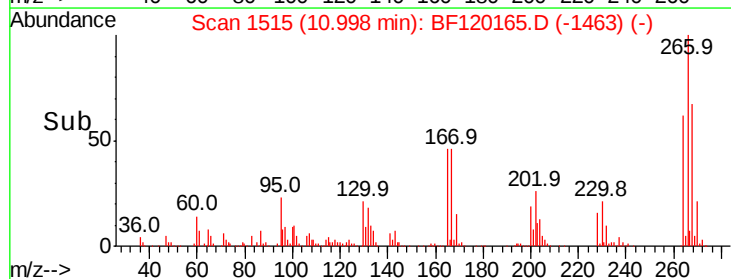
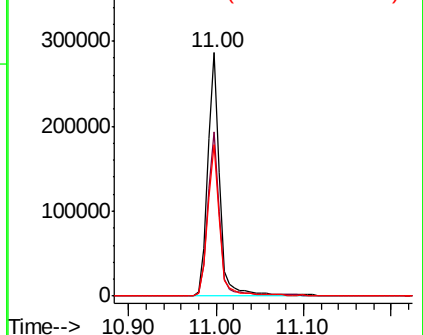
264 62.0 49.0 73.4

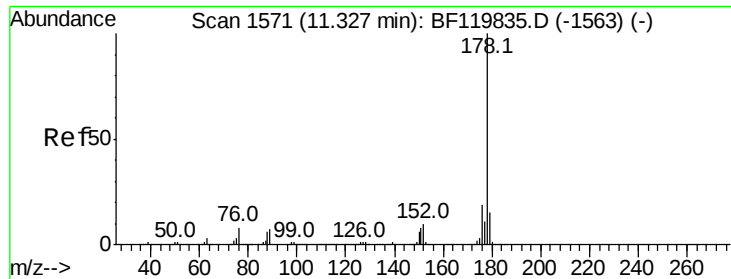


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

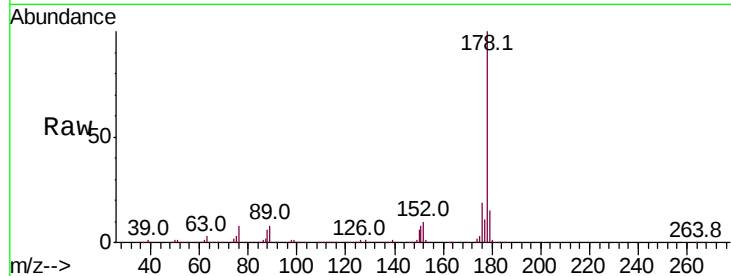




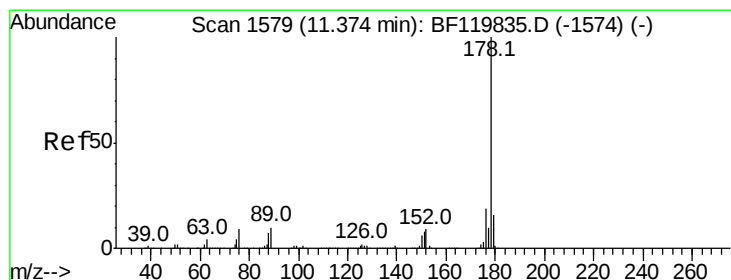
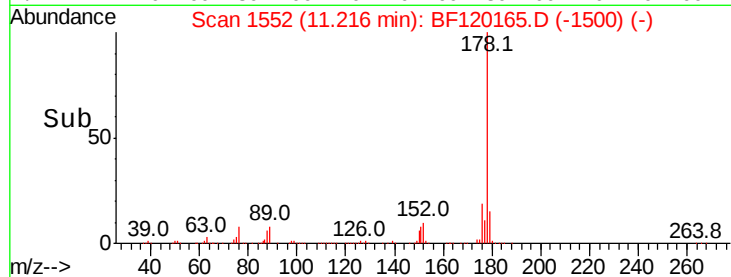
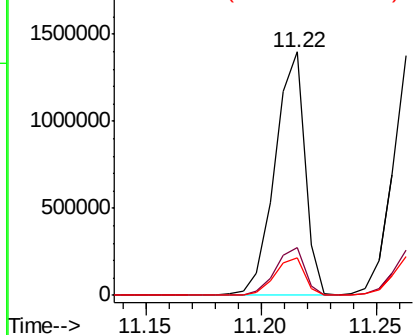
#71
Phenanthrene
Concen: 43.655 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion:178 Resp: 1260654
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 15.3 13.2 19.8

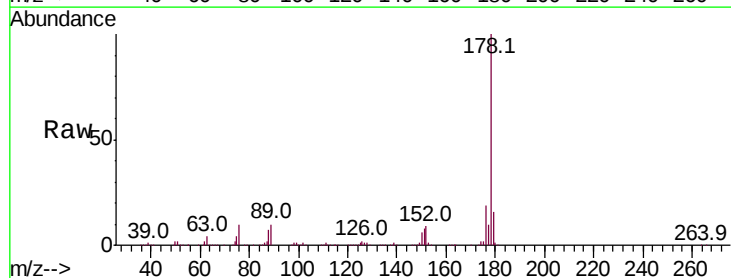


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

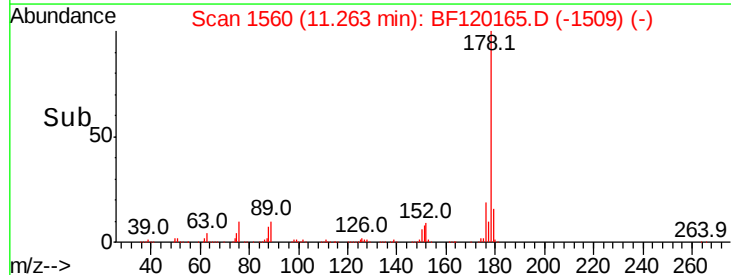
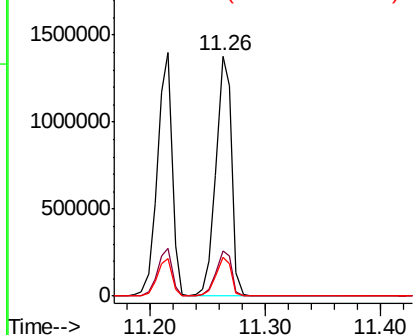


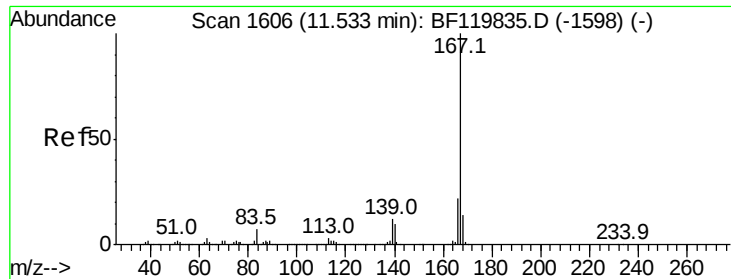
#72
Anthracene
Concen: 44.204 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion:178 Resp: 1304011
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



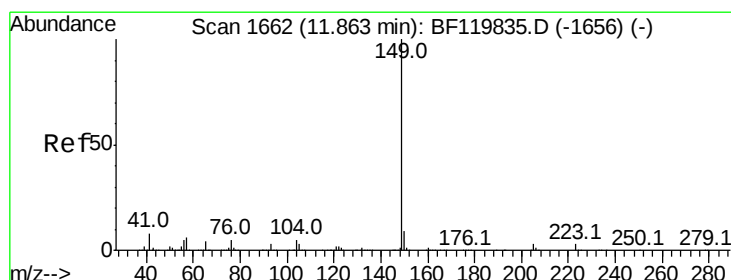
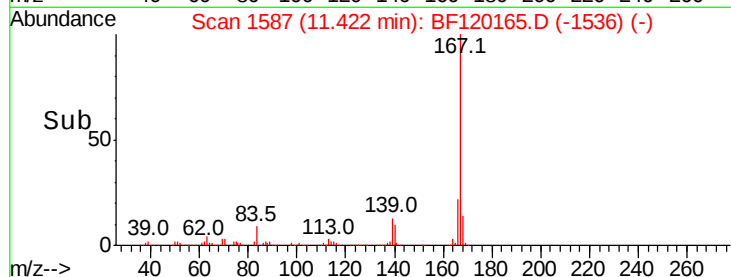
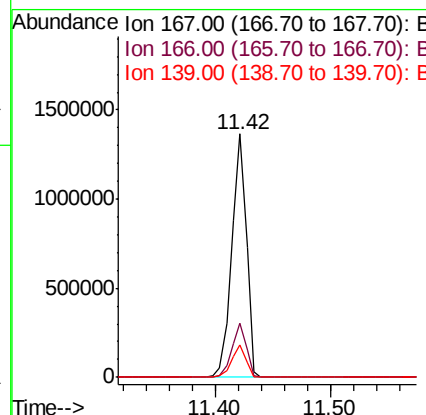
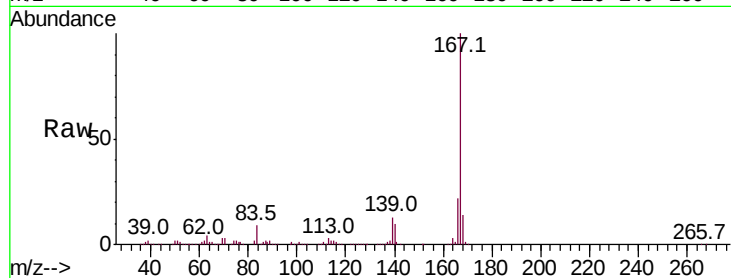


#73
 Carbazole
 Concen: 42.963 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion:167 Resp: 1198565

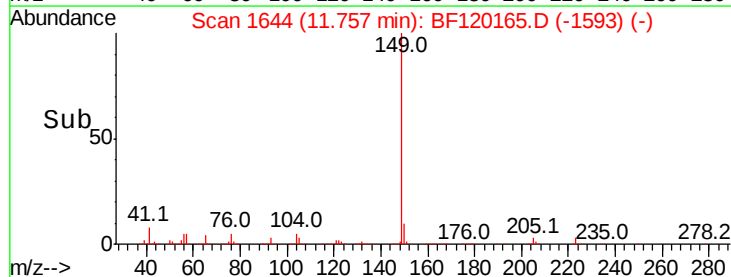
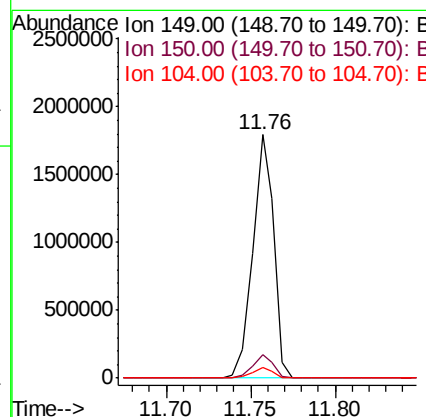
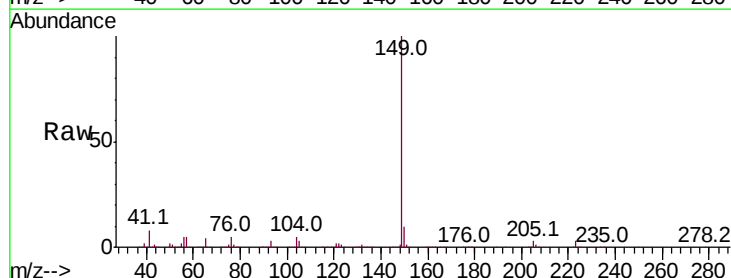
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.2	10.7	16.1

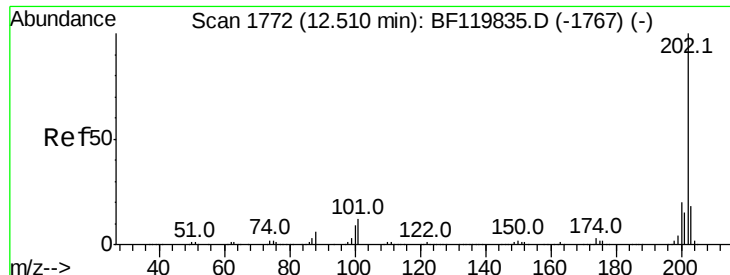


#74
 Di-n-butylphthalate
 Concen: 42.404 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion:149 Resp: 1555126

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.5	3.6	5.4

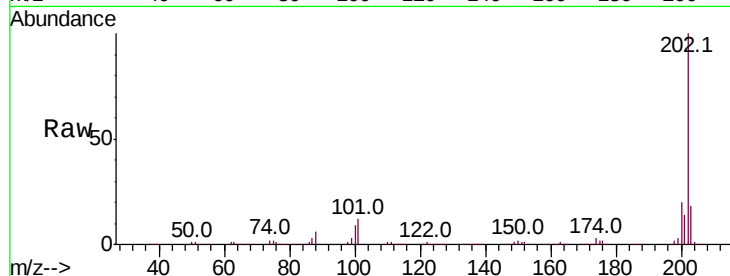




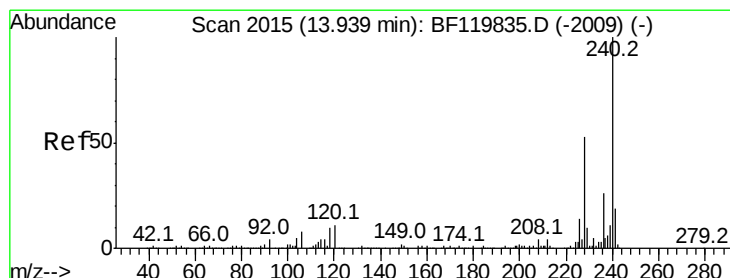
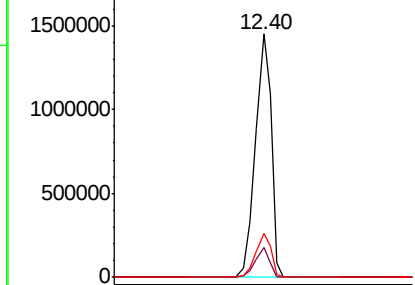
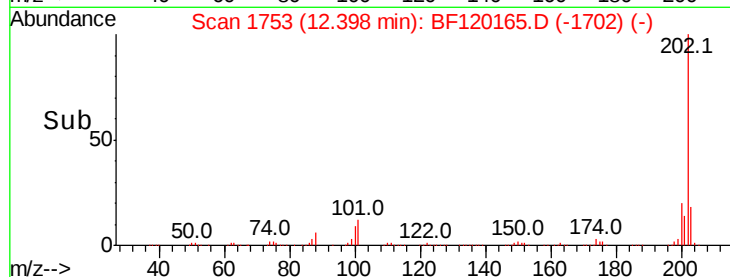
#75
 Fluoranthene
 Concen: 44.595 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion:202 Resp: 1389522
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 32.2
 203 18.0 0.0 38.8

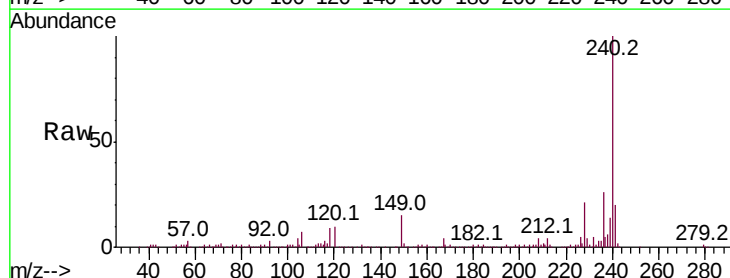


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

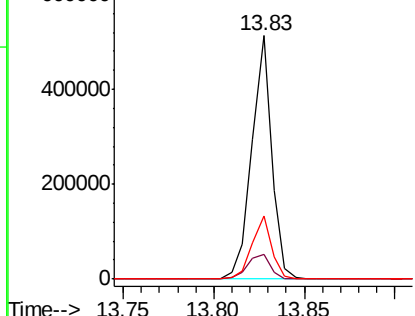
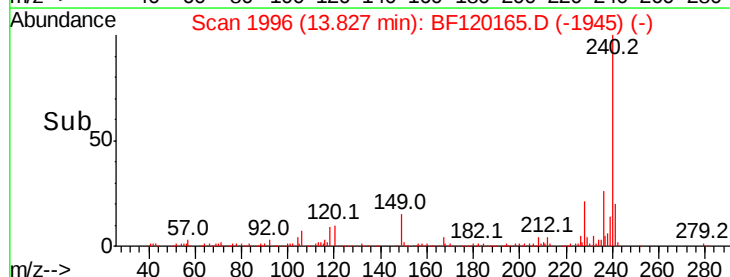


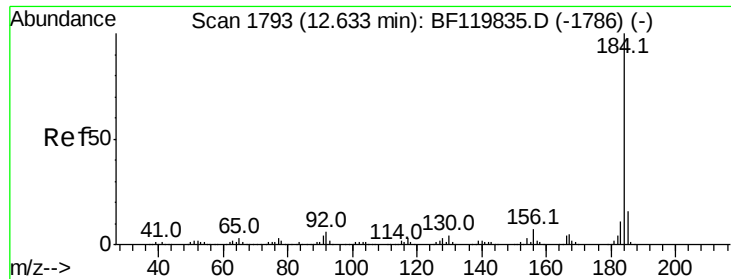
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion:240 Resp: 392230
 Ion Ratio Lower Upper
 240 100
 120 10.3 10.6 15.8#
 236 26.1 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 600000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.952 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

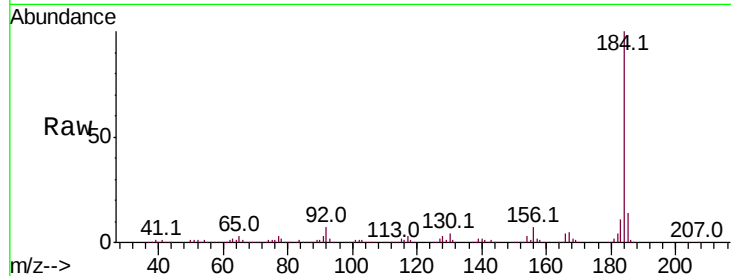
Tot Ion:184 Resp: 755100

Ion Ratio Lower Upper

184 100

185 14.0 12.3 18.5

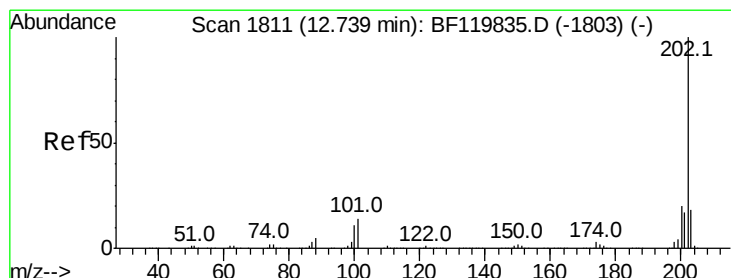
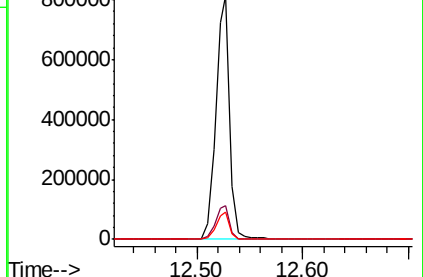
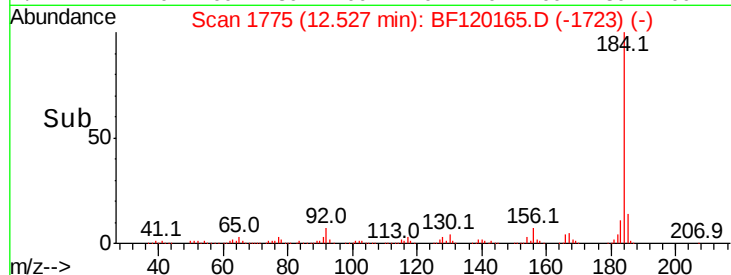
183 11.3 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.850 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

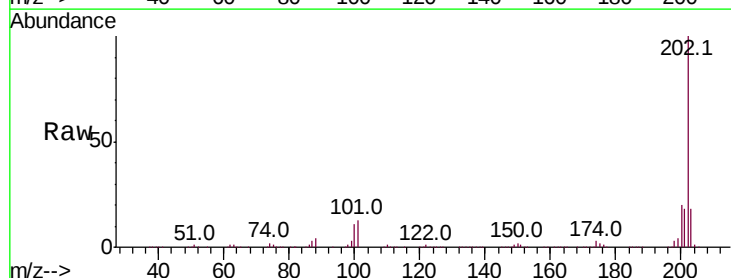
Tgt Ion:202 Resp: 1383805

Ion Ratio Lower Upper

202 100

200 20.2 16.8 25.2

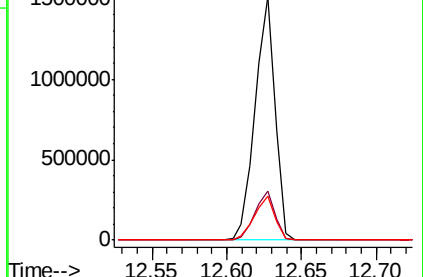
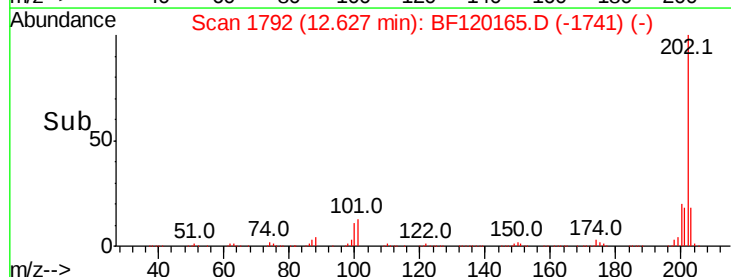
203 17.9 15.1 22.7

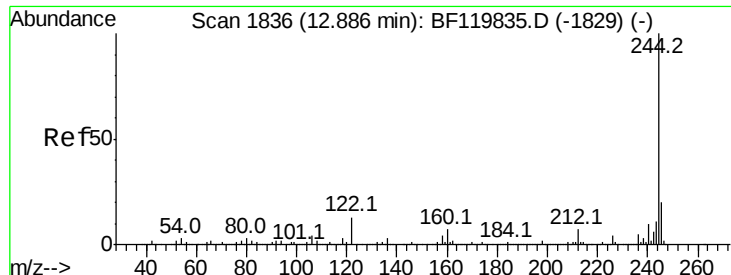


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.690 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

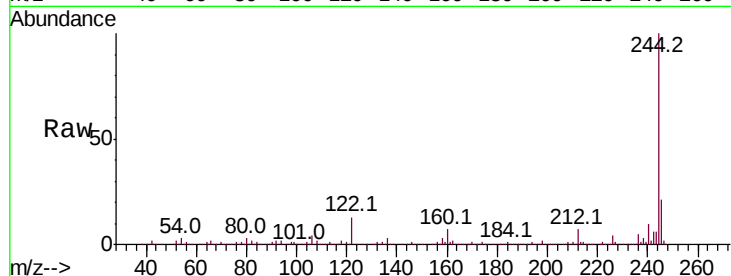
Tot Ion:244 Resp: 1834291

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

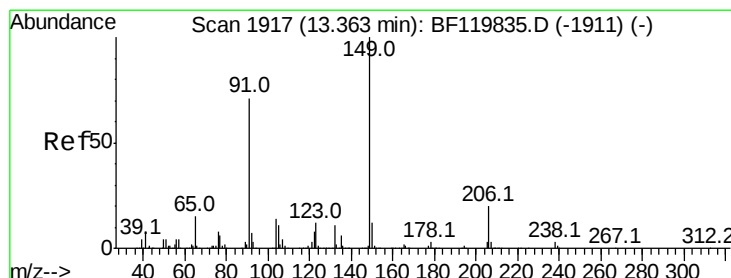
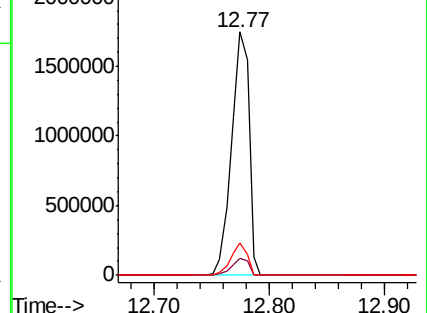
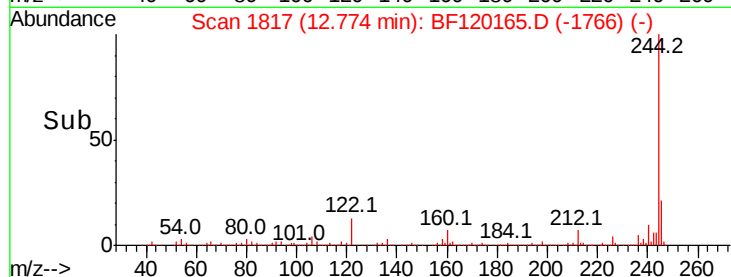
122 13.4 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.296 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

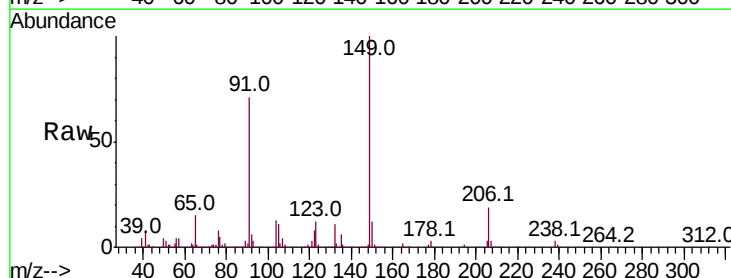
Tgt Ion:149 Resp: 646529

Ion Ratio Lower Upper

149 100

91 71.0 54.7 82.1

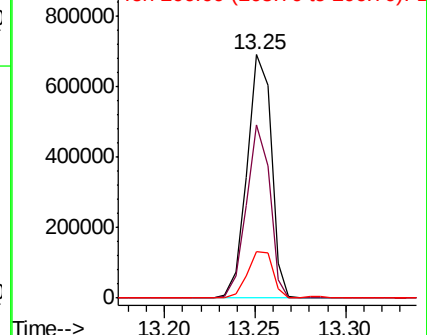
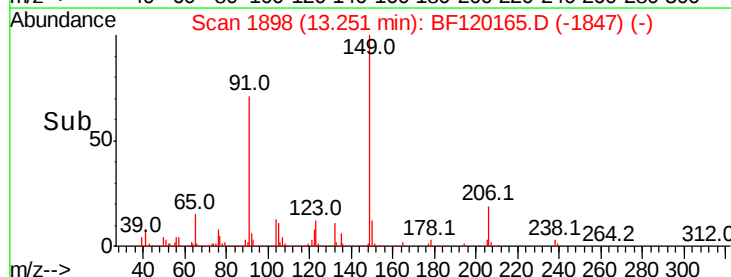
206 18.9 16.2 24.2

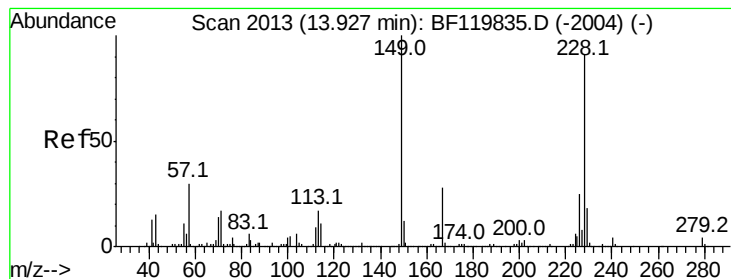


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.346 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

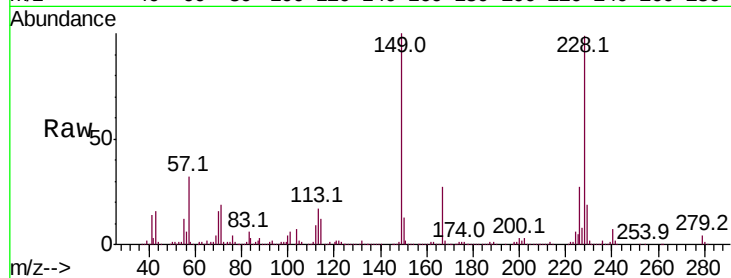
Tot Ion:228 Resp: 1118478

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

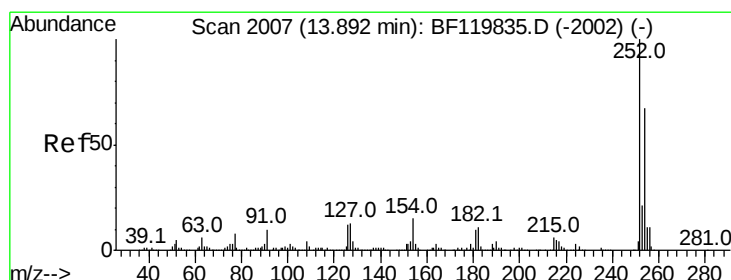
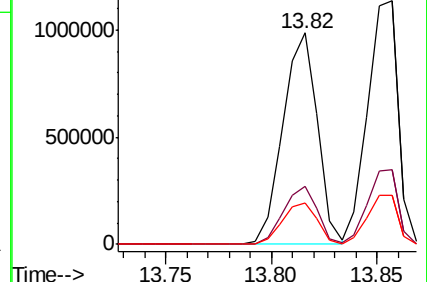
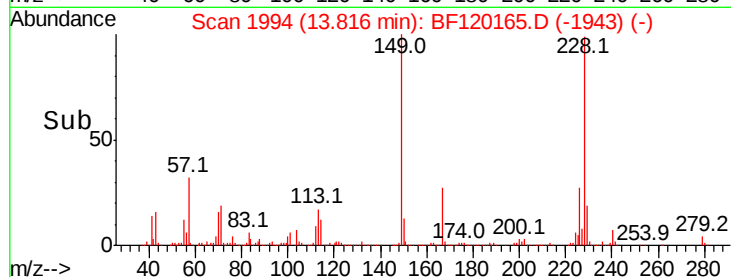
229 19.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.416 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

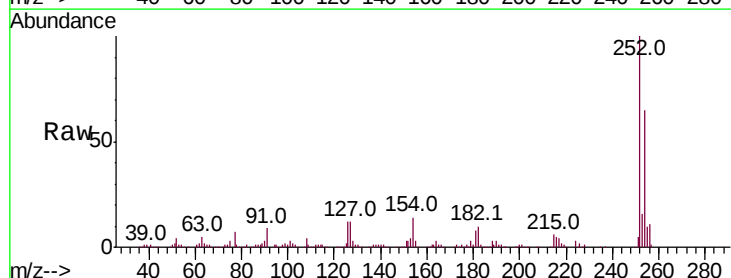
Tgt Ion:252 Resp: 235070

Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

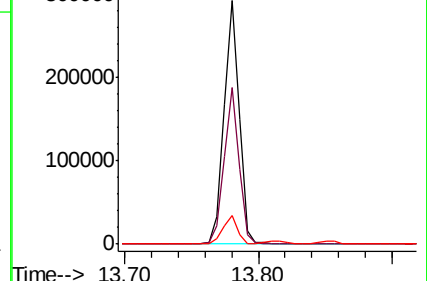
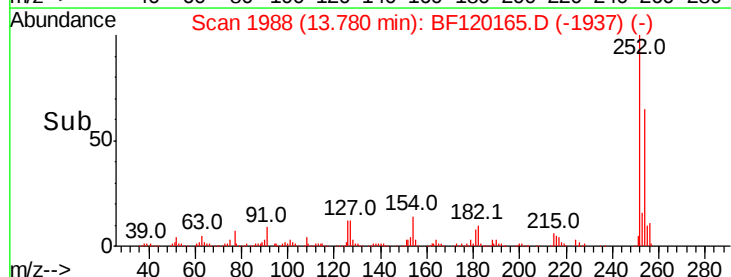
126 11.6 9.6 14.4

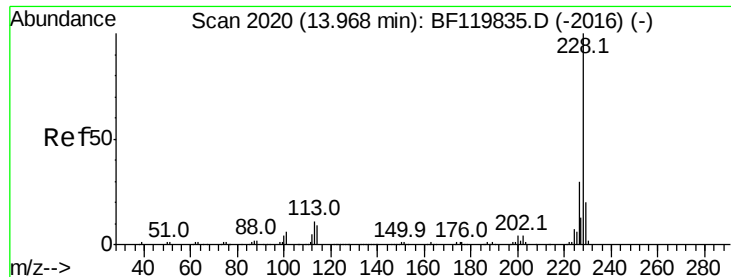


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.378 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

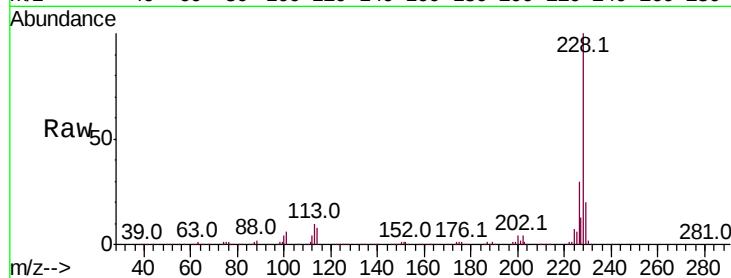
Tot Ion:228 Resp: 1137304

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

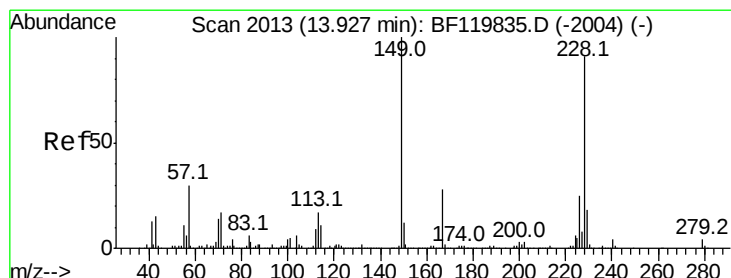
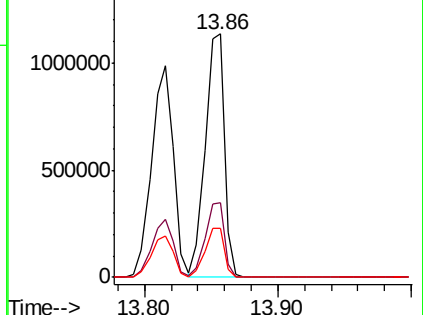
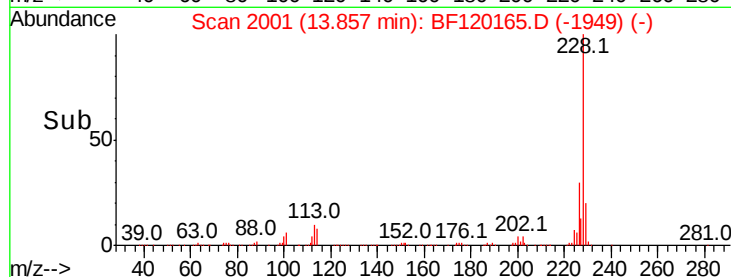
229 19.9 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.861 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

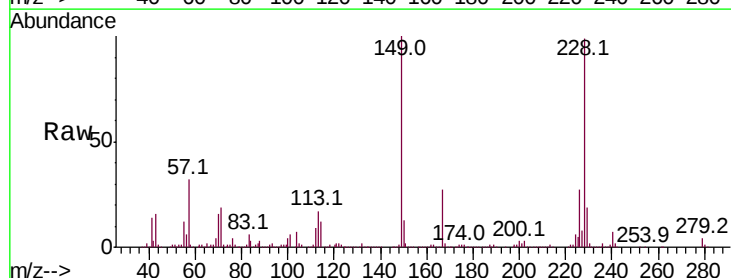
Tgt Ion:149 Resp: 866078

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

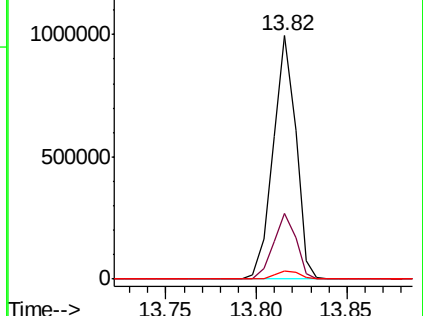
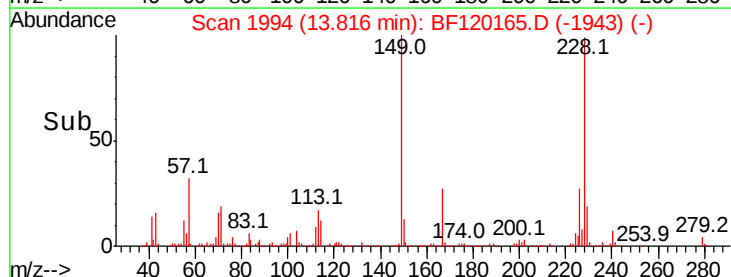
279 3.6 2.7 4.1

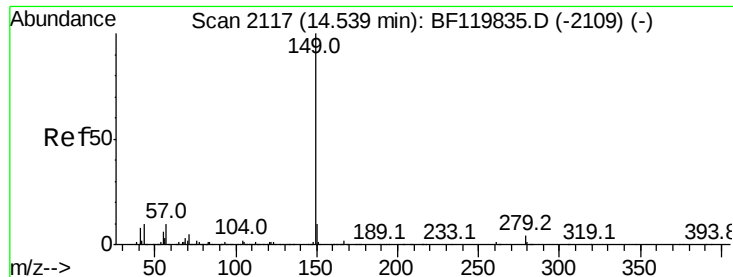


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.498 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

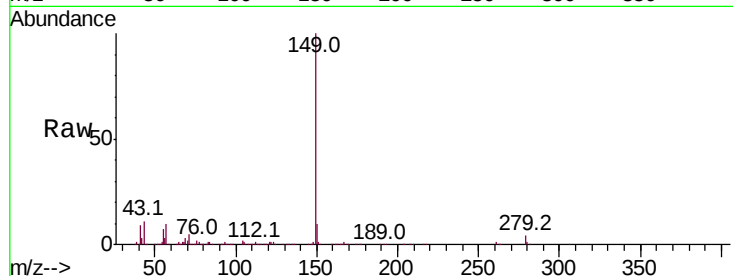
Tot Ion:149 Resp: 1461246

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

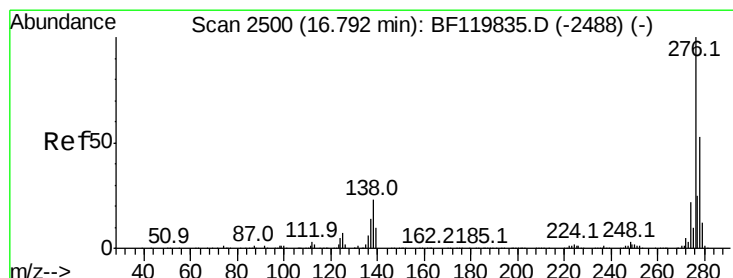
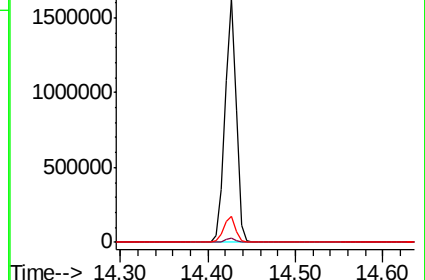
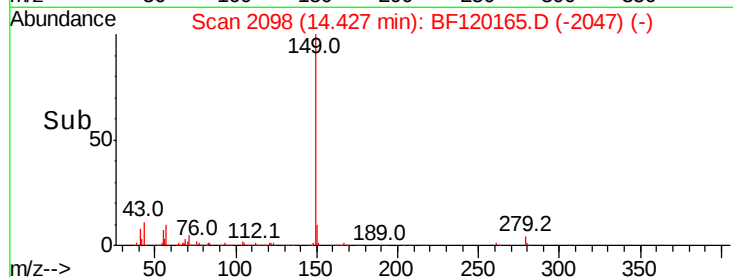
43 11.0 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.174 ng

RT: 16.58 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

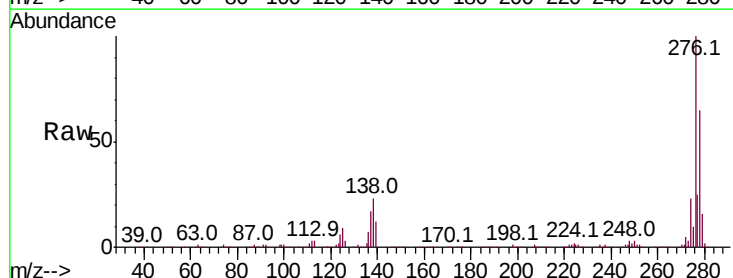
Tgt Ion:276 Resp: 974695

Ion Ratio Lower Upper

276 100

138 24.5 19.6 29.4

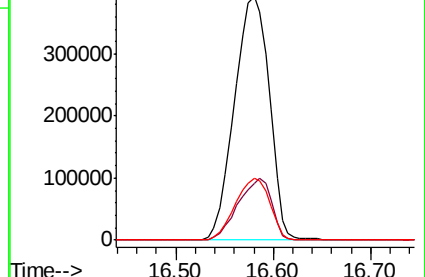
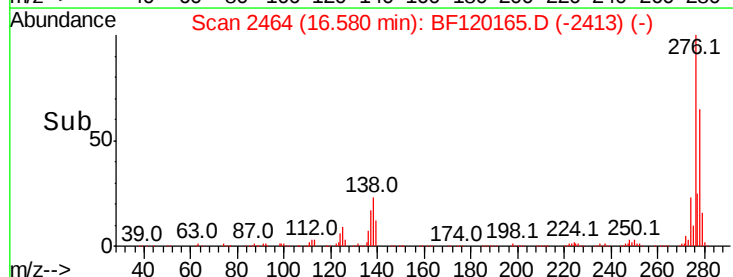
277 25.1 20.0 30.0

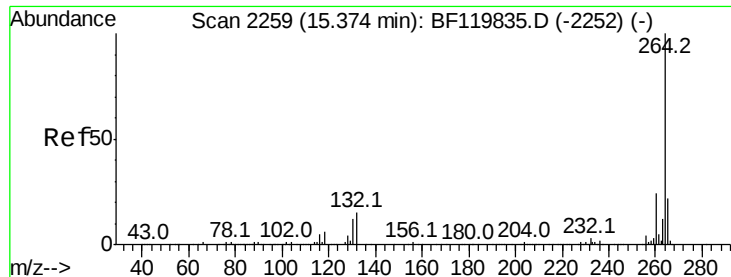


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

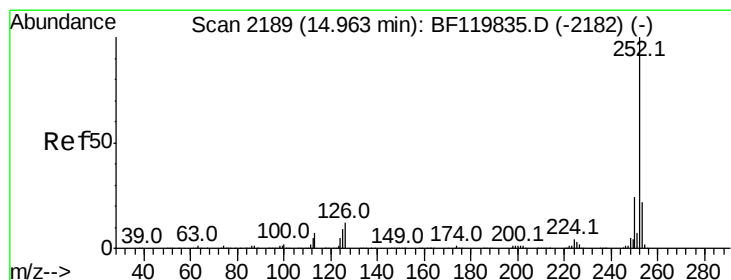
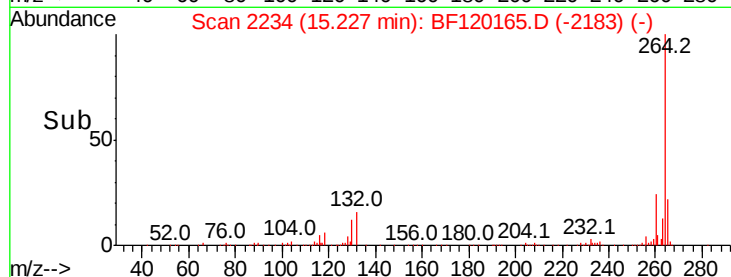
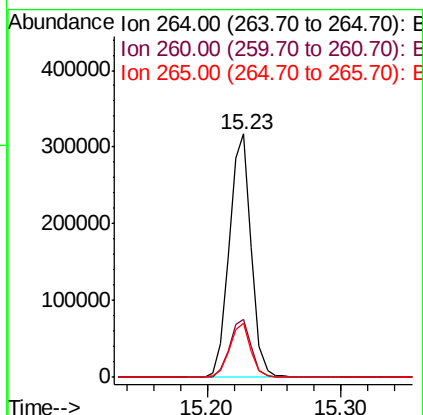
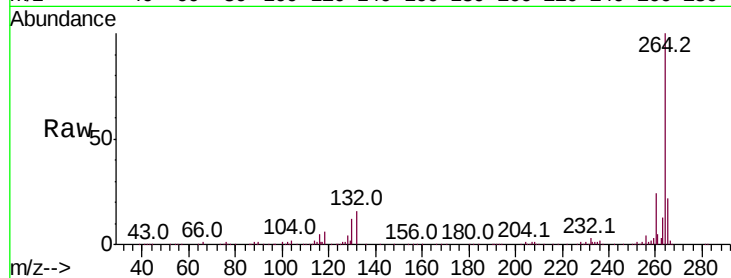




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

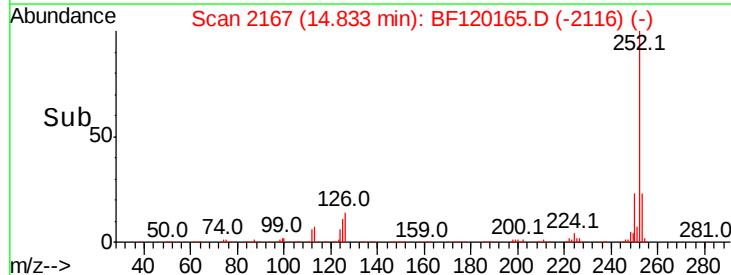
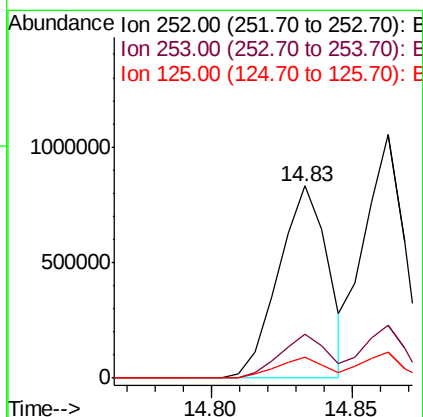
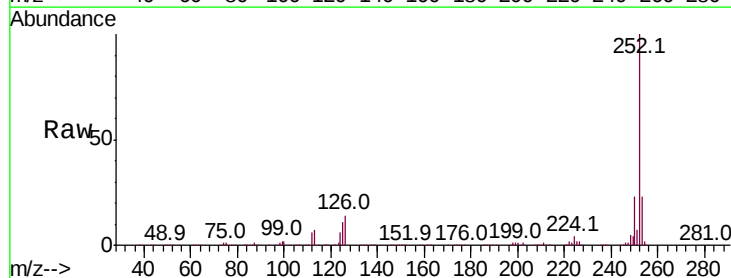
Instrument :
BNA_F
ClientSampleId :
PB128274BS

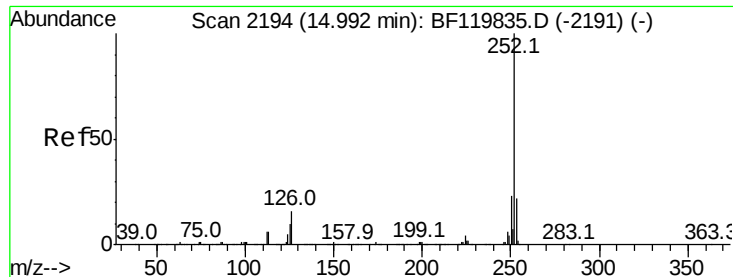
Tot Ion:264 Resp: 365126
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.0 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 38.479 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion:252 Resp: 1010694
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 10.9 7.9 11.9

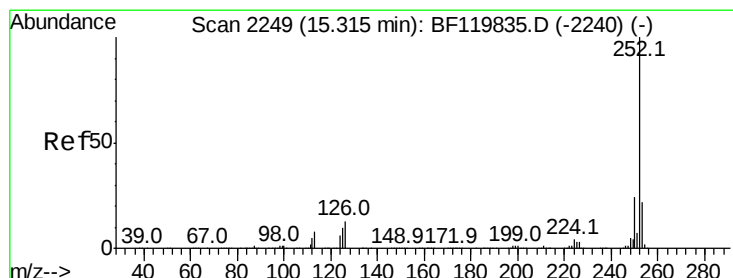
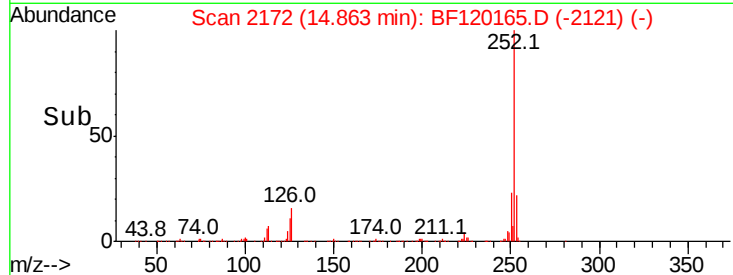
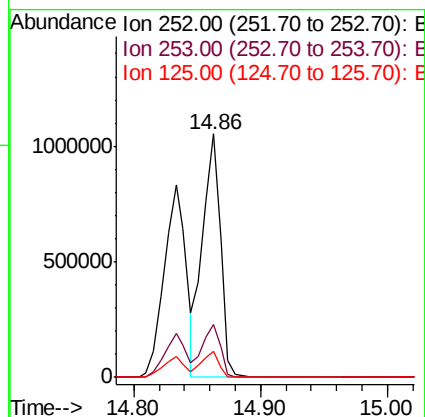
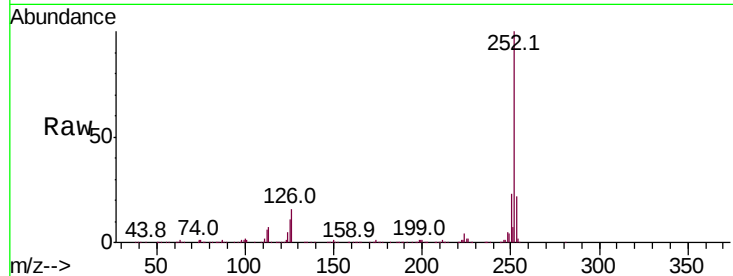




#89
Benzo(k)fluoranthene
Concen: 45.364 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

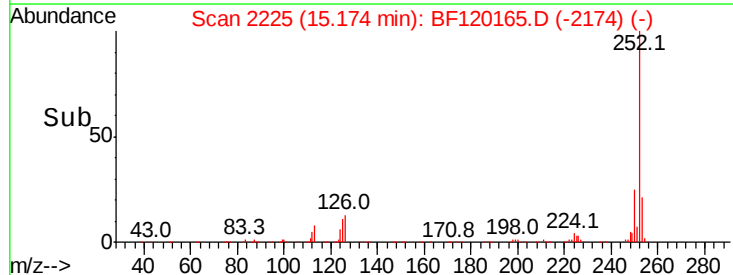
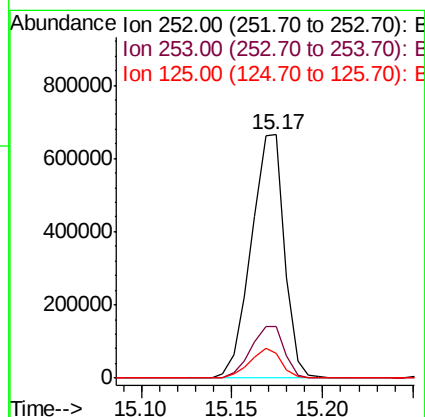
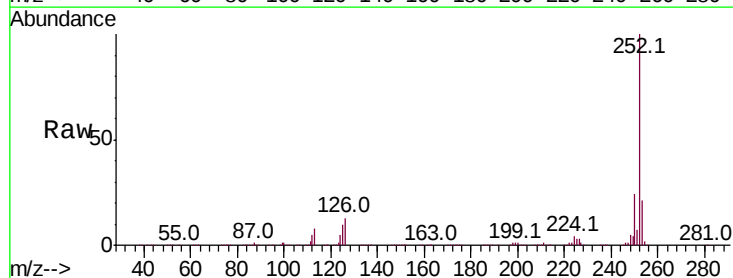
Instrument :
BNA_F
ClientSampleId :
PB128274BS

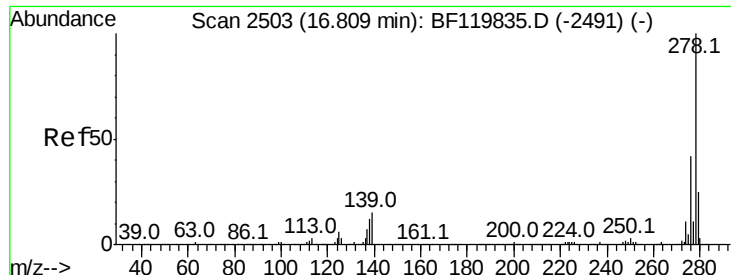
Tot Ion:252 Resp: 1028079
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 38.426 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion:252 Resp: 848626
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.2
125 10.4 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 41.403 ng

RT: 16.59 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

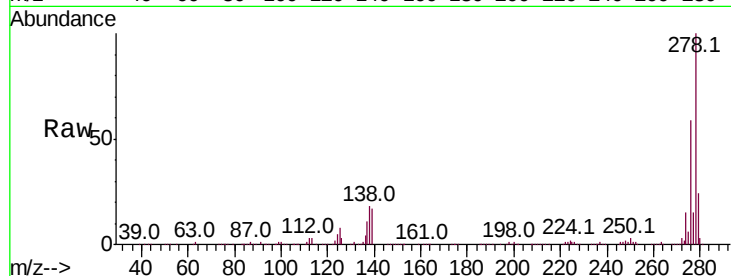
Tot Ion:278 Resp: 809943

Ion Ratio Lower Upper

278 100

139 17.4 12.6 19.0

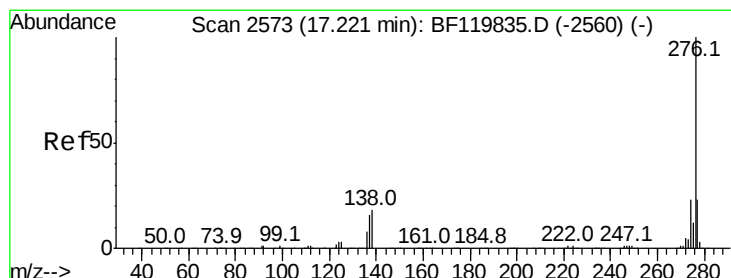
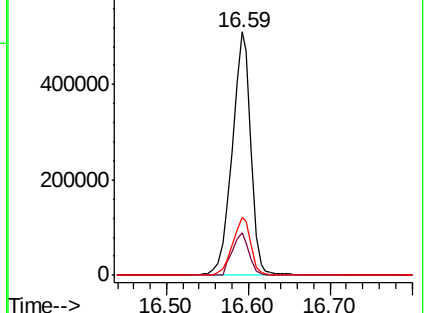
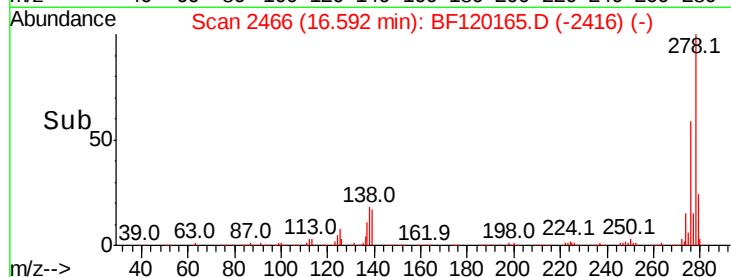
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.715 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

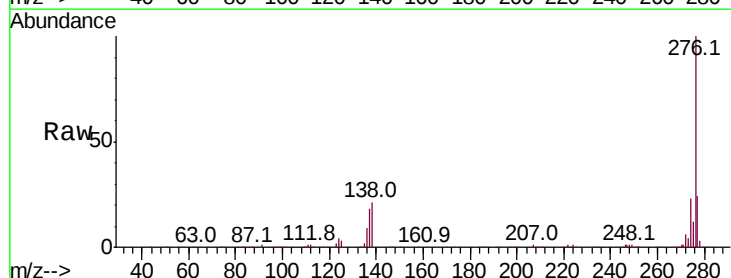
Tgt Ion:276 Resp: 766903

Ion Ratio Lower Upper

276 100

277 24.4 18.4 27.6

138 21.0 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

