

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042120\
 Data File : BF120099.D
 Acq On : 21 Apr 2020 13:29
 Operator : MA/SJ
 Sample : PB128301BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Quant Time: Apr 21 14:01:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	118516	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	462414	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	229554	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	409116	20.00	ng	0.00
76) Chrysene-d12	13.87	240	361126	20.00	ng	0.00
87) Perylene-d12	15.28	264	318169	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	996381	145.29	ng	0.01
7) Phenol-d6	6.34	99	1292084	146.22	ng	0.00
23) Nitrobenzene-d5	7.26	82	792214	88.63	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	336568	119.75	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1509310	93.35	ng	0.00
79) Terphenyl-d14	12.82	244	1686997	78.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	133564	43.727	ng	96
3) Pyridine	3.06	79	377049	44.992	ng	96
4) n-Nitrosodimethylamine	3.02	42	215405	50.307	ng	98
6) Aniline	6.36	93	373941	32.241	ng	# 56
8) 2-Chlorophenol	6.48	128	404039	52.730	ng	100
9) Benzaldehyde	6.24	77	164010	31.544	ng	99
10) Phenol	6.35	94	510079	50.880	ng	89
11) bis(2-Chloroethyl)ether	6.43	93	373907	48.305	ng	99
12) 1,3-Dichlorobenzene	6.63	146	411284	49.028	ng	99
13) 1,4-Dichlorobenzene	6.71	146	414919	48.555	ng	99
14) 1,2-Dichlorobenzene	6.86	146	380890	48.365	ng	97
15) Benzyl Alcohol	6.84	79	329018	47.938	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	650707	43.200	ng	98
17) 2-Methylphenol	6.96	107	311473	45.550	ng	96
18) Hexachloroethane	7.20	117	155650	48.738	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	277583	48.850	ng	99
20) 3+4-Methylphenols	7.12	107	416882	49.847	ng	# 81
22) Acetophenone	7.11	105	546821	50.499	ng	100
24) Nitrobenzene	7.28	77	422563	46.995	ng	100
25) Isophorone	7.52	82	768229	44.585	ng	99
26) 2-Nitrophenol	7.60	139	218836	48.714	ng	97
27) 2,4-Dimethylphenol	7.65	122	339379	50.092	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	480674	47.408	ng	100
29) 2,4-Dichlorophenol	7.85	162	328839	47.351	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	353743	44.955	ng	99
31) Naphthalene	8.00	128	1156794	47.548	ng	100
32) Benzoic acid	7.78	122	259513	43.614	ng	95
33) 4-Chloroaniline	8.05	127	169126	15.968	ng	96
34) Hexachlorobutadiene	8.12	225	201681	42.816	ng	99
35) Caprolactam	8.47	113	47870	22.534	ng	96
36) 4-Chloro-3-methylphenol	8.55	107	359766	47.849	ng	97
37) 2-Methylnaphthalene	8.70	142	739628	44.842	ng	98
38) 1-Methylnaphthalene	8.79	142	729943	46.952	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	341570	47.111	ng	98

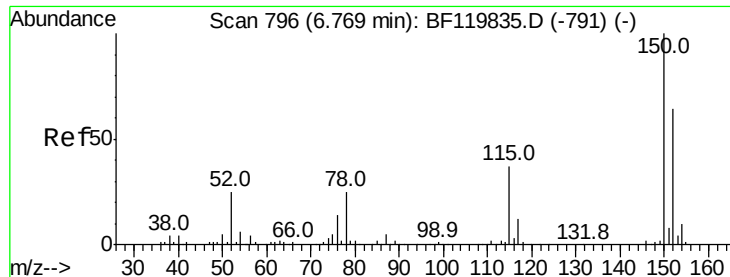
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042120\
 Data File : BF120099.D
 Acq On : 21 Apr 2020 13:29
 Operator : MA/SJ
 Sample : PB128301BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	352036	85.388	nq	97
43) 2,4,6-Trichlorophenol	8.98	196	241120	48.160	nq	98
44) 2,4,5-Trichlorophenol	9.02	196	253524	44.959	nq	98
46) 1,1'-Biphenyl	9.16	154	918372	47.398	nq	99
47) 2-Chloronaphthalene	9.19	162	722176	48.384	nq	99
48) 2-Nitroaniline	9.29	65	252666	46.712	nq	95
49) Acenaphthylene	9.60	152	1126069	49.607	nq	99
50) Dimethylphthalate	9.47	163	817956	46.067	nq	99
51) 2,6-Dinitrotoluene	9.53	165	183265	47.134	nq	98
52) Acenaphthene	9.77	154	653663	43.169	nq	98
53) 3-Nitroaniline	9.69	138	104439	23.519	nq	96
54) 2,4-Dinitrophenol	9.81	184	196752	84.520	nq	94
55) Dibenzofuran	9.95	168	1032902	49.709	nq	99
56) 4-Nitrophenol	9.87	139	313811	94.976	nq	97
57) 2,4-Dinitrotoluene	9.94	165	249761	48.755	nq	97
58) Fluorene	10.29	166	817045	49.167	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.07	232	208554	48.357	nq	97
60) Diethylphthalate	10.17	149	766681	41.662	nq	99
61) 4-Chlorophenyl-phenylether	10.28	204	386104	45.332	nq	96
62) 4-Nitroaniline	10.32	138	208262	49.211	nq	98
63) Azobenzene	10.45	77	806516	48.903	nq	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	145196	53.870	nq	83
66) n-Nitrosodiphenylamine	10.40	169	733531	53.912	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	231381	45.478	nq	94
68) Hexachlorobenzene	10.84	284	250054	48.448	nq	93
69) Atrazine	10.93	200	212564	56.150	nq	98
70) Pentachlorophenol	11.03	266	245707	82.608	nq	99
71) Phenanthrene	11.25	178	1080540	49.626	nq	99
72) Anthracene	11.30	178	1204510	54.152	nq	99
73) Carbazole	11.46	167	975213	46.362	nq	99
74) Di-n-butylphthalate	11.79	149	1343720	48.594	nq	100
75) Fluoranthene	12.44	202	1309885	55.755	nq	98
77) Benzidine	12.56	184	517364	42.382	nq	97
78) Pyrene	12.67	202	1341567	44.067	nq	99
80) Butylbenzylphthalate	13.29	149	561139	37.986	nq	97
81) Benzo(a)anthracene	13.86	228	1098604	46.243	nq	100
82) 3,3'-Dichlorobenzidine	13.82	252	215783	24.343	nq	99
83) Chrysene	13.89	228	1119457	46.375	nq	100
84) Bis(2-ethylhexyl)phthalate	13.85	149	715066	35.745	nq	# 98
85) Di-n-octyl phthalate	14.47	149	1266356	37.179	nq	99
86) Indeno(1,2,3-cd)pyrene	16.66	276	899182	42.257	nq	98
88) Benzo(b)fluoranthene	14.91	252	818783	35.773	nq	98
89) Benzo(k)fluoranthene	14.91	252	818783	41.461	nq	98
90) Benzo(a)pyrene	15.23	252	912128	47.397	nq	100
91) Dibenzo(a,h)anthracene	16.67	278	741941	43.524	nq	98
92) Benzo(g,h,i)perylene	17.07	276	726128	43.153	nq	96

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

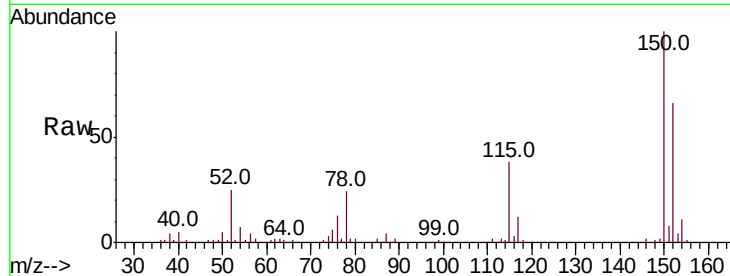


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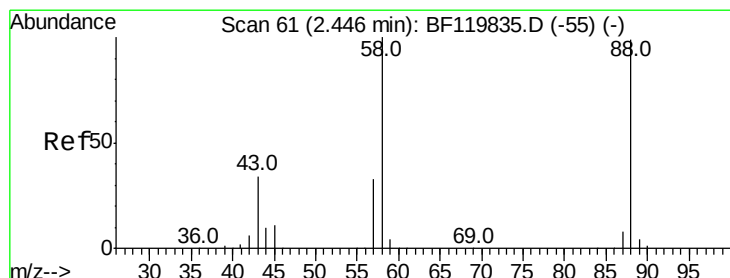
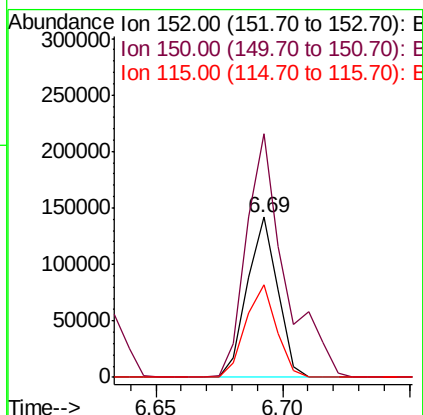
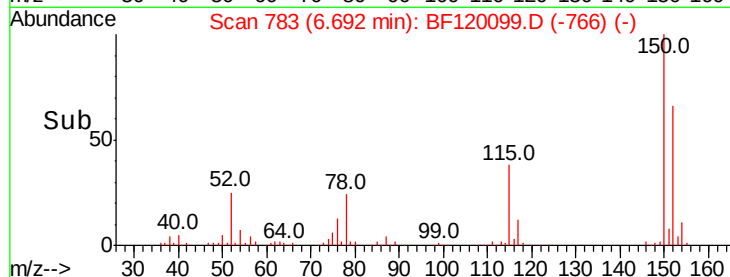
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion:152 Resp: 118516
Ion Ratio Lower Upper
152 100
150 151.9 124.8 187.2
115 57.5 46.5 69.7



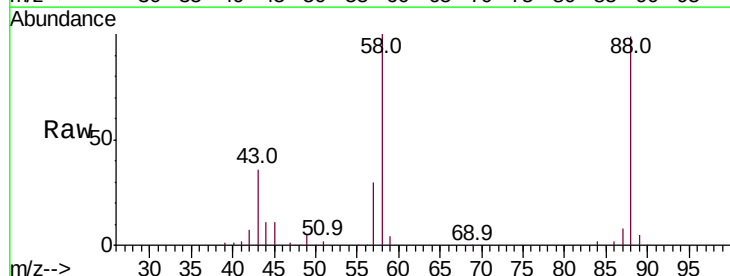
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



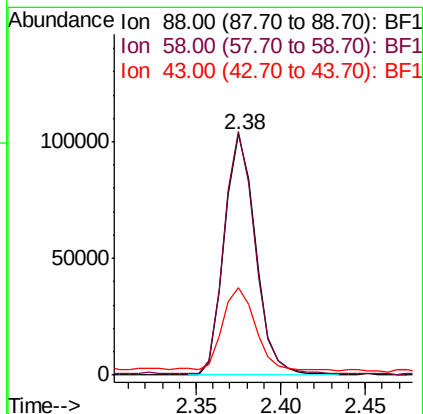
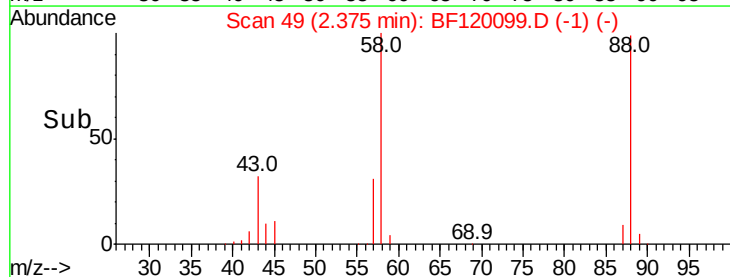
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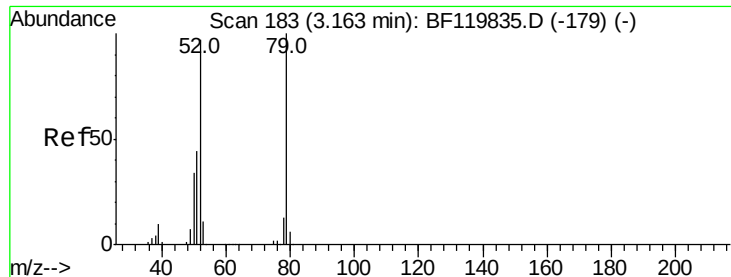
1,4-Dioxane
Concen: 43.727 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.08 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion: 88 Resp: 133564
Ion Ratio Lower Upper
88 100
58 98.4 82.6 123.8
43 37.1 28.6 42.8



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

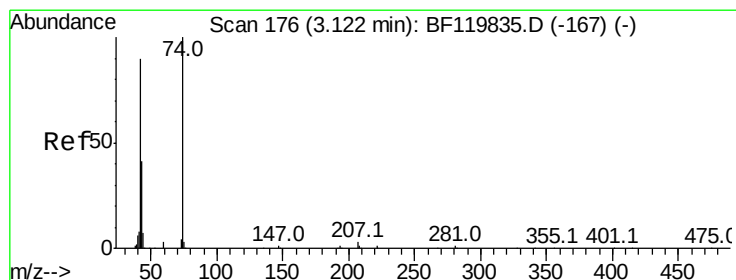
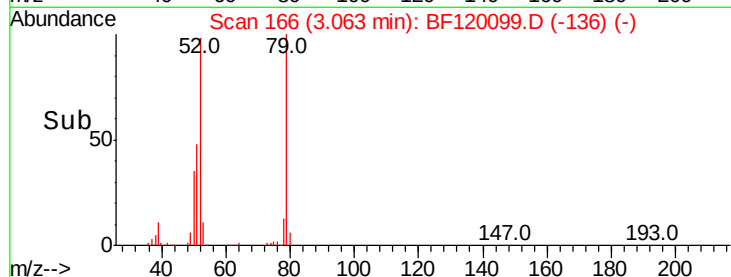
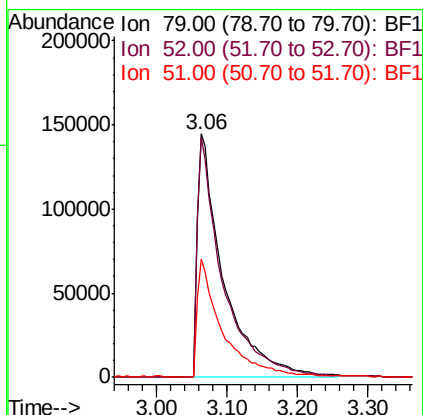
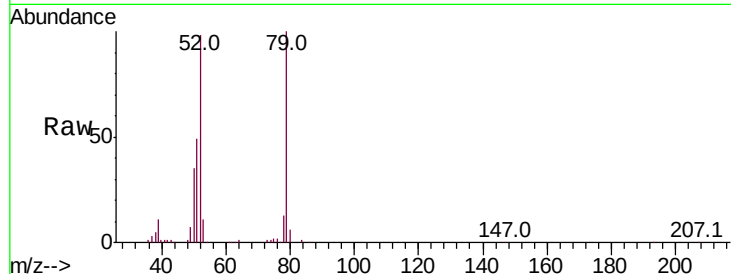




#3
 Pvridine
 Concen: 44.992 ng
 RT: 3.06 min Scan# 166
 Delta R.T. 0.08 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

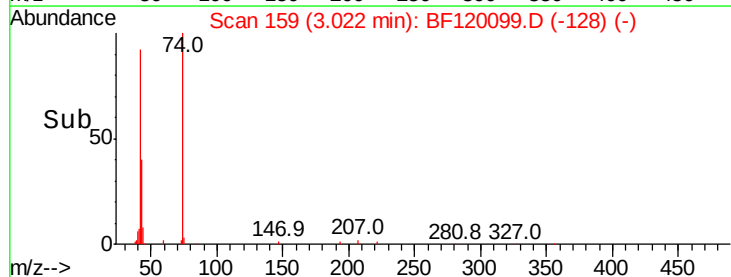
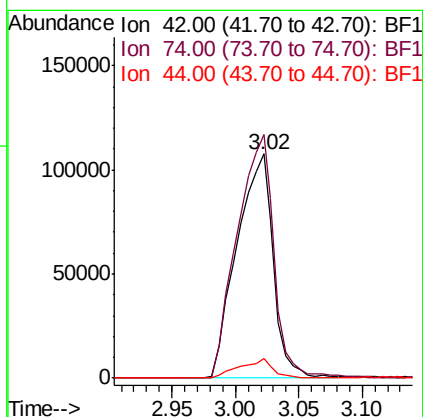
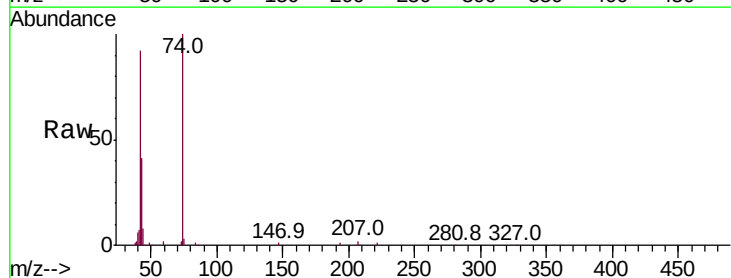
Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

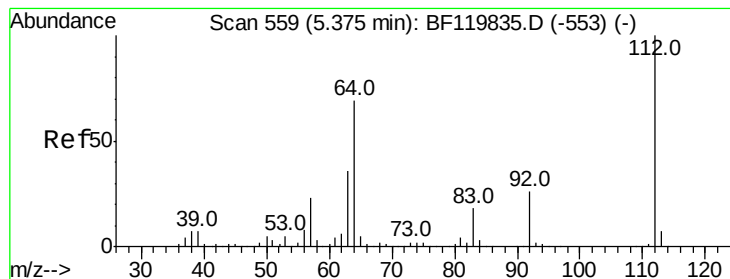
Tot Ion: 79 Resp: 377049
 Ion Ratio Lower Upper
 79 100
 52 98.5 77.4 116.0
 51 48.8 35.3 52.9



#4
 n-Nitrosodimethylamine
 Concen: 50.307 ng
 RT: 3.02 min Scan# 159
 Delta R.T. 0.08 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion: 42 Resp: 215405
 Ion Ratio Lower Upper
 42 100
 74 108.5 89.0 133.4
 44 8.5 6.2 9.4





#5

2-Fluorophenol

Concen: 145.291 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

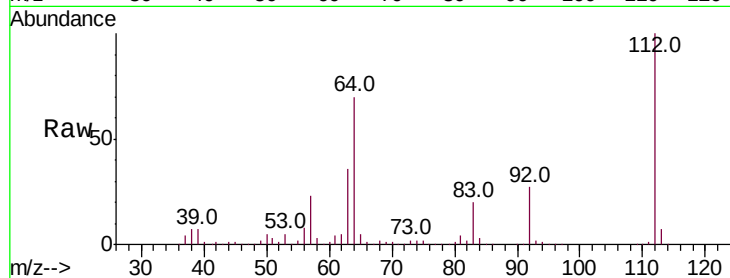
Tot Ion:112 Resp: 996381

Ion Ratio Lower Upper

112 100

64 69.9 55.5 83.3

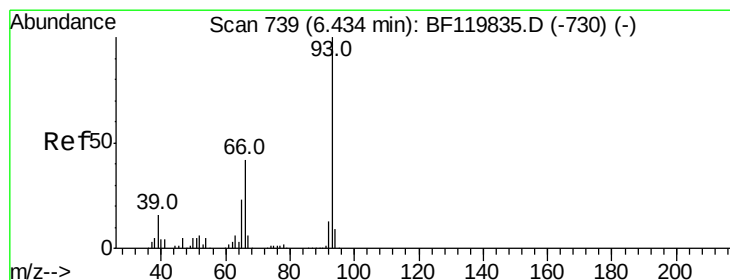
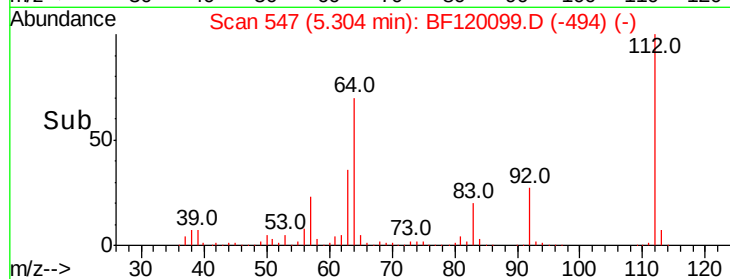
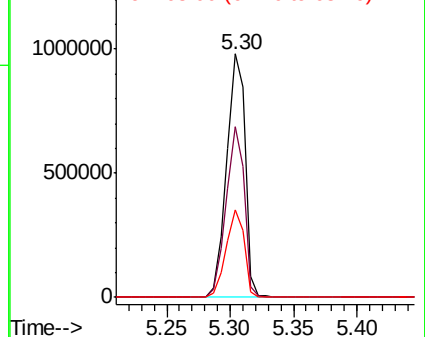
63 36.0 29.1 43.7



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: 32.241 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

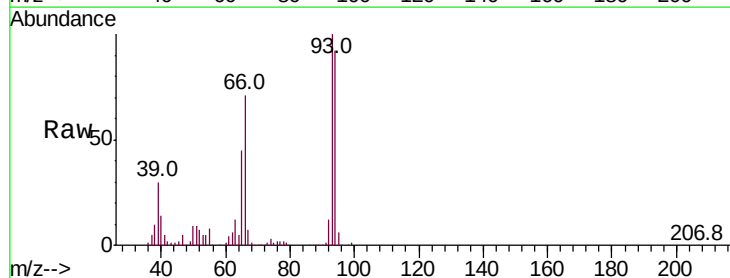
Tgt Ion: 93 Resp: 373941

Ion Ratio Lower Upper

93 100

66 70.6 34.2 51.2#

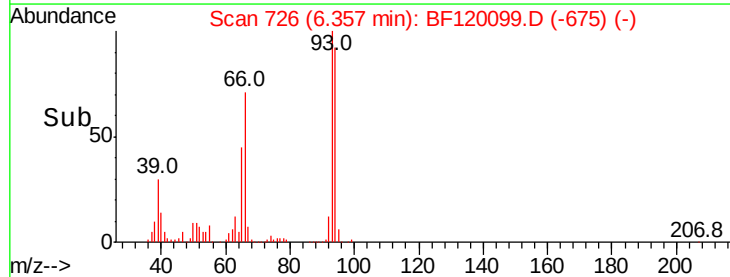
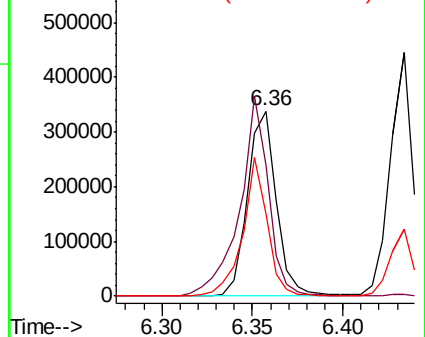
65 44.8 18.3 27.5#

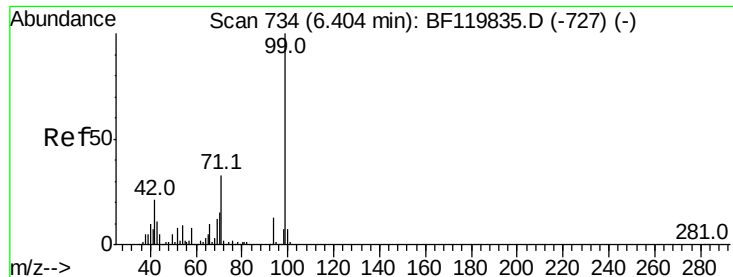


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 146.219 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

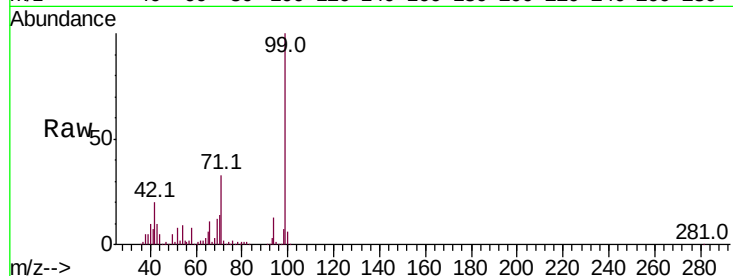
Tot Ion: 99 Resp: 1292084

Ion Ratio Lower Upper

99 100

42 20.5 16.9 25.3

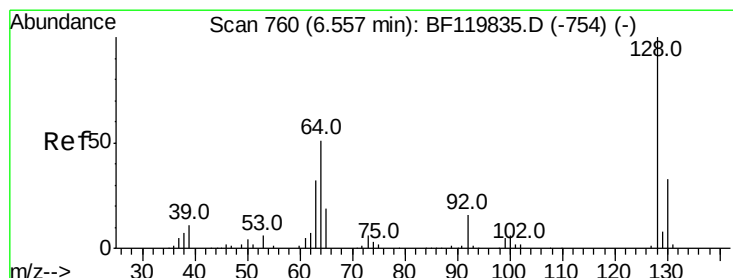
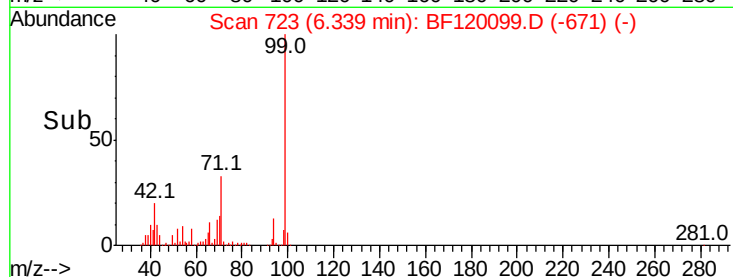
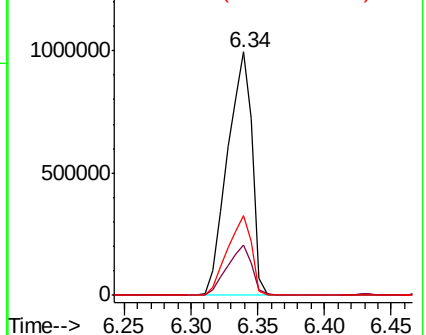
71 32.8 26.3 39.5



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



#8

2-Chlorophenol

Concen: 52.730 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

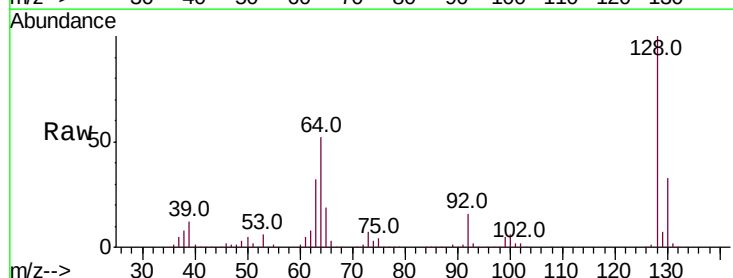
Tgt Ion:128 Resp: 404039

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

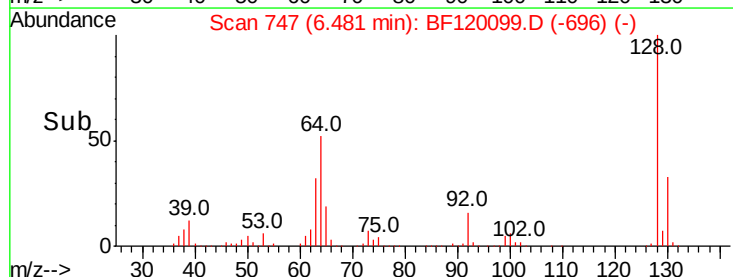
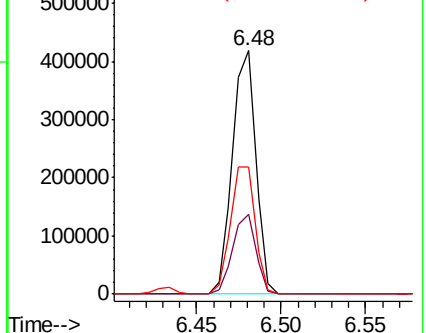
64 52.5 32.0 72.0

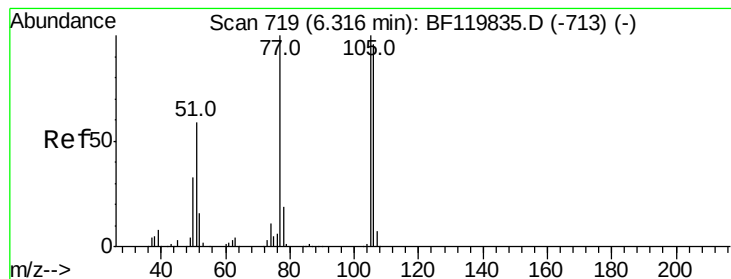


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.544 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

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ClientSampleId :

PB128301BS

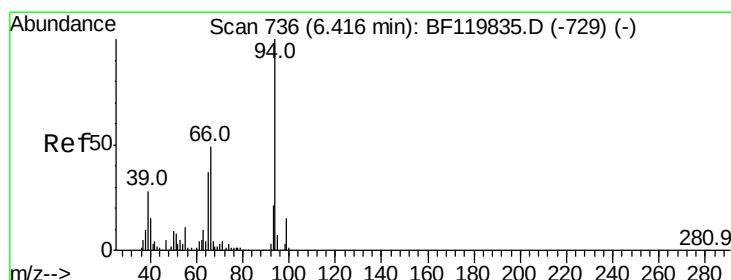
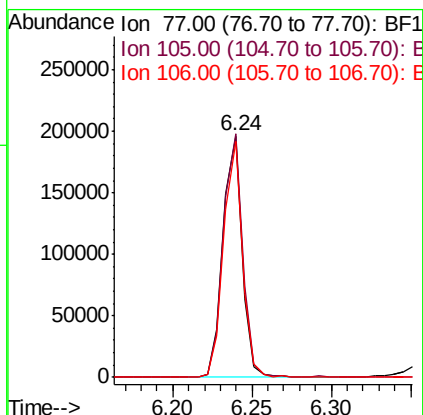
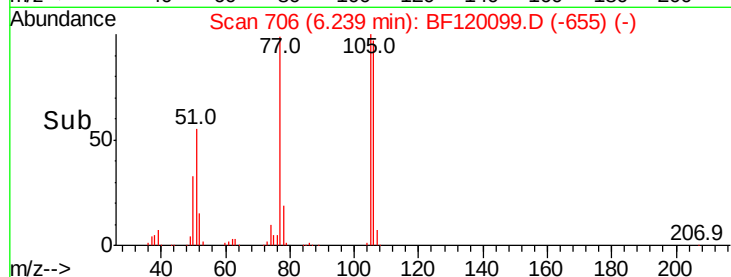
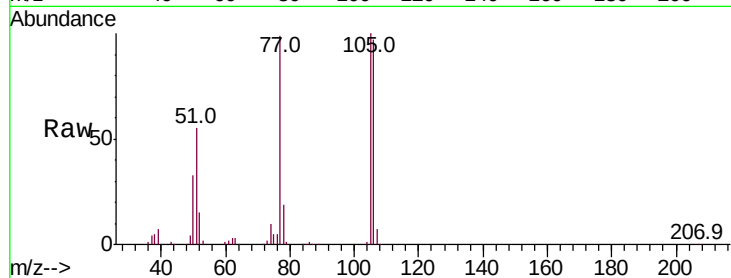
Tot Ion: 77 Resp: 164010

Ion Ratio Lower Upper

77 100

105 100.9 79.9 119.9

106 97.7 76.4 116.4



#10

Phenol

Concen: 50.880 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

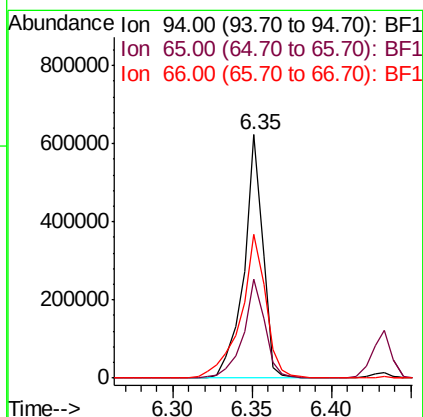
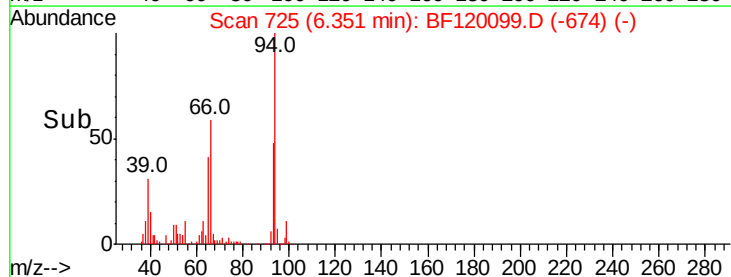
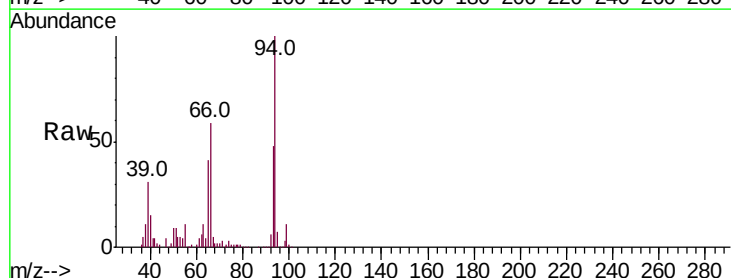
Tgt Ion: 94 Resp: 510079

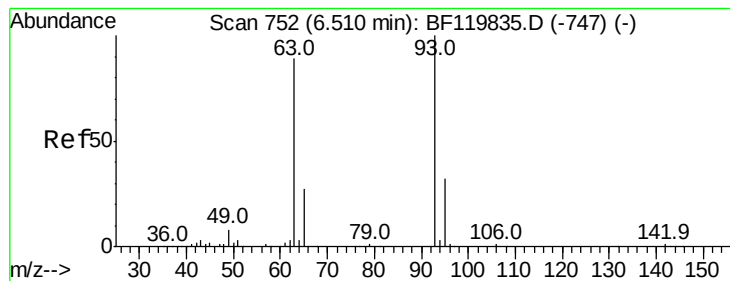
Ion Ratio Lower Upper

94 100

65 40.9 16.6 56.6

66 58.8 29.3 69.3





#11

bis(2-Chloroethyl)ether

Concen: 48.305 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

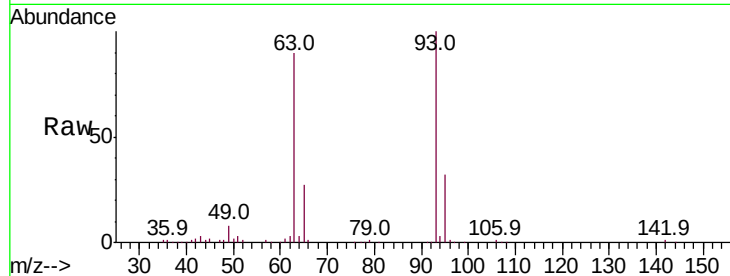
Tot Ion: 93 Resp: 373907

Ion Ratio Lower Upper

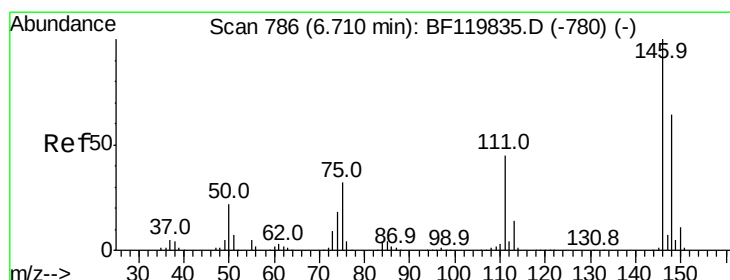
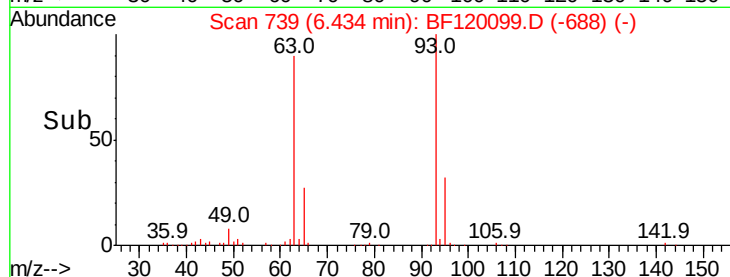
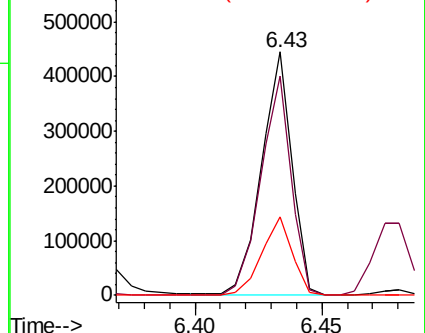
93 100

63 90.1 69.1 109.1

95 32.3 12.3 52.3



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: 49.028 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

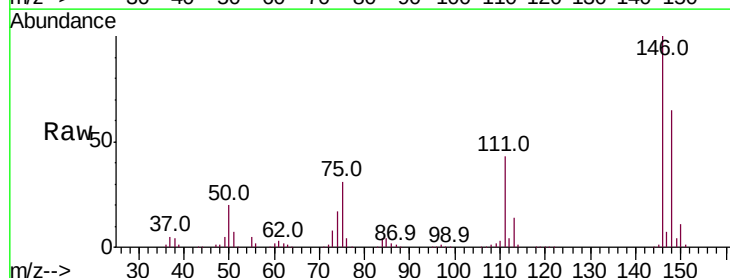
Tgt Ion: 146 Resp: 411284

Ion Ratio Lower Upper

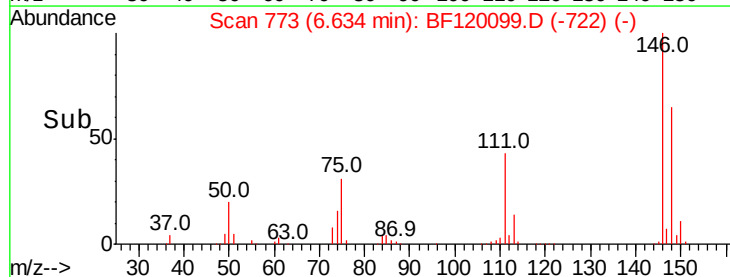
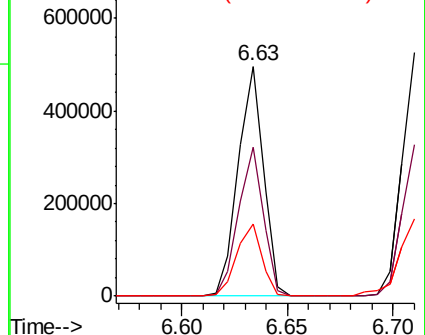
146 100

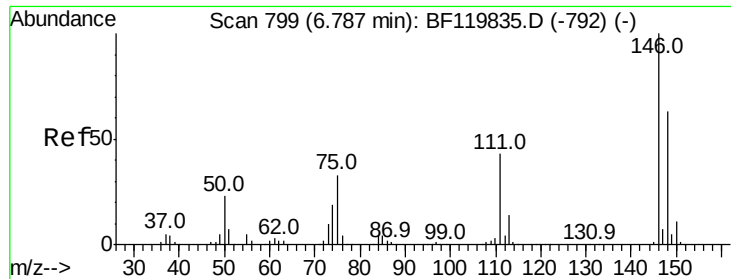
148 64.9 51.3 76.9

75 31.4 25.3 37.9



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

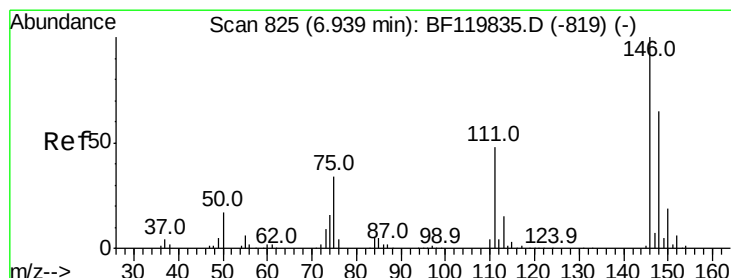
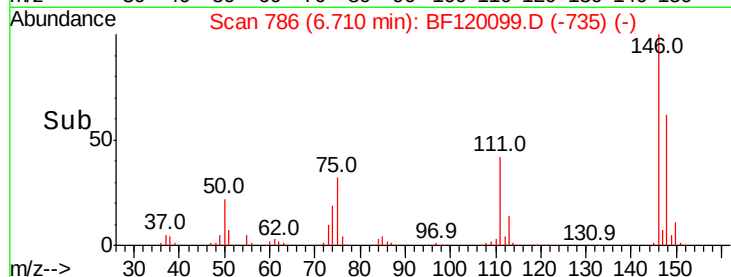
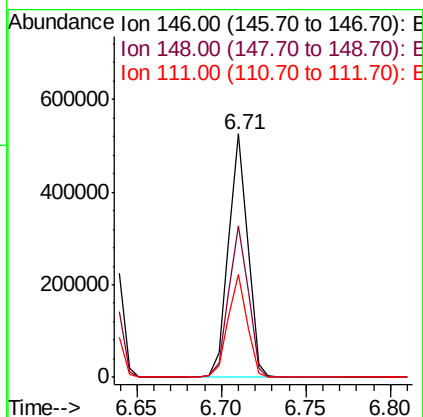
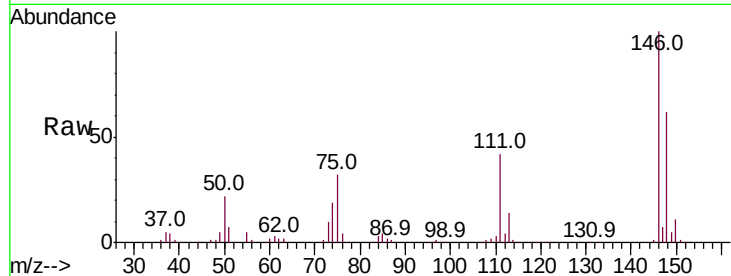




#13
 1,4-Dichlorobenzene
 Concen: 48.555 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

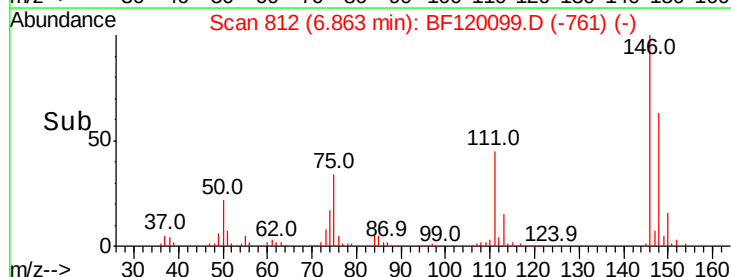
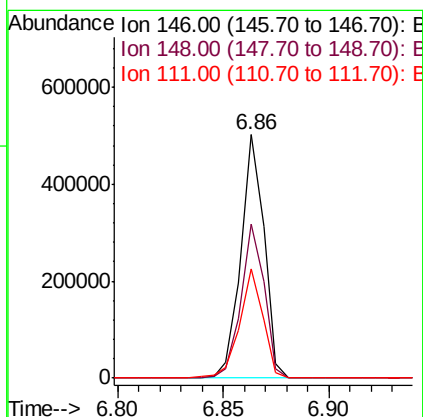
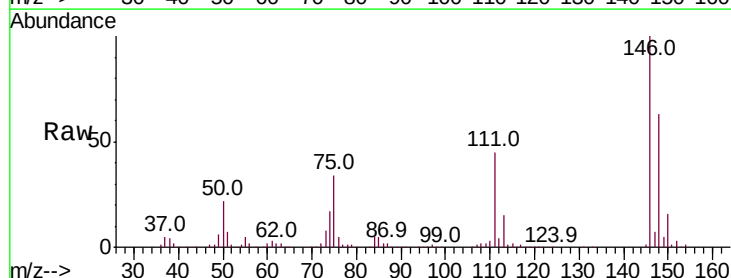
Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

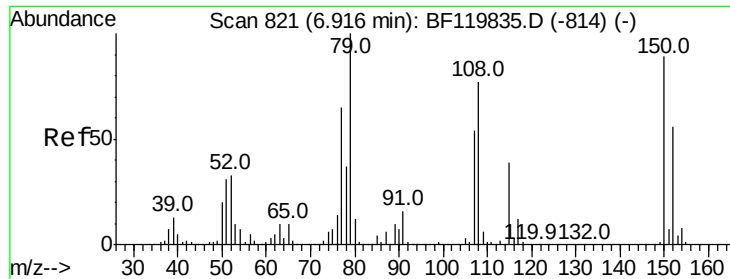
Tot Ion:146 Resp: 414919
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.5 75.7
 111 42.3 34.7 52.1



#14
 1,2-Dichlorobenzene
 Concen: 48.365 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion:146 Resp: 380890
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.8
 111 45.1 38.0 57.0

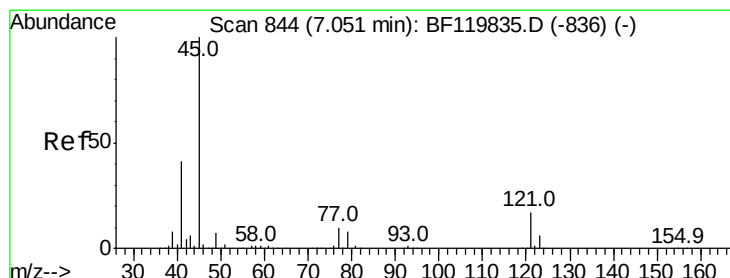
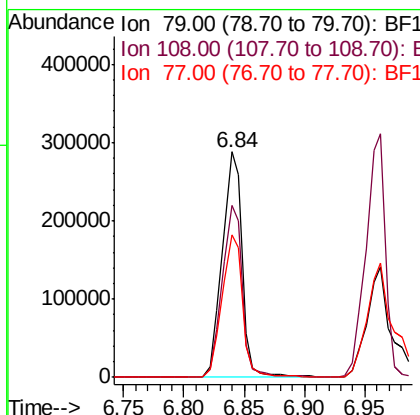
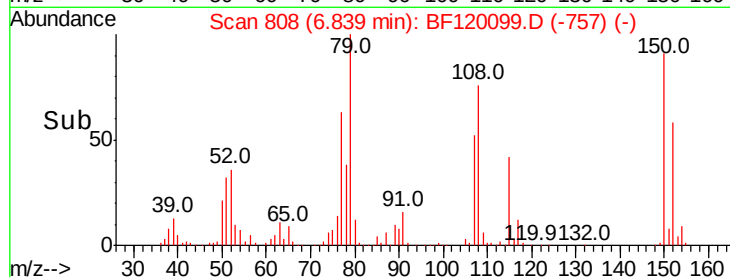
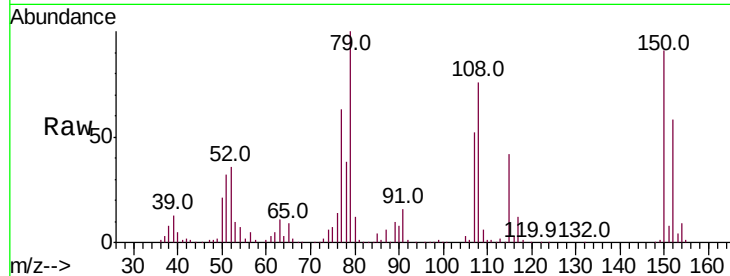




#15
Benzyl Alcohol
Concen: 47.938 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

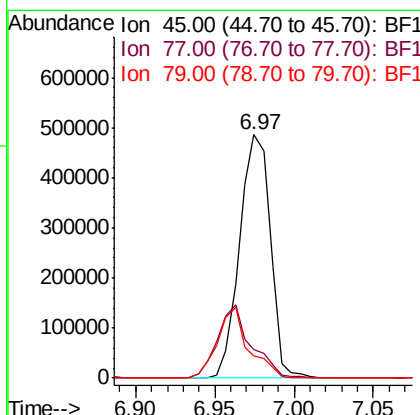
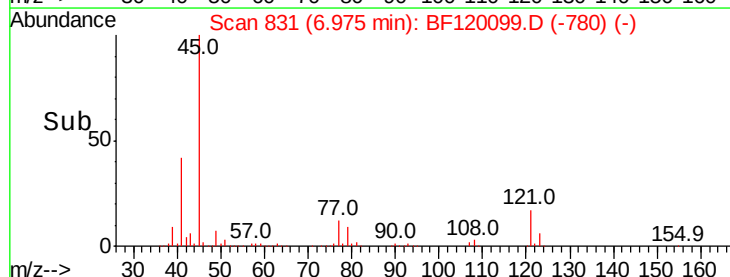
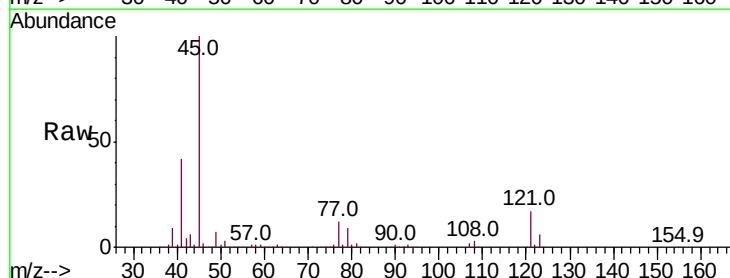
Instrument :
BNA_F
ClientSampleId :
PB128301BS

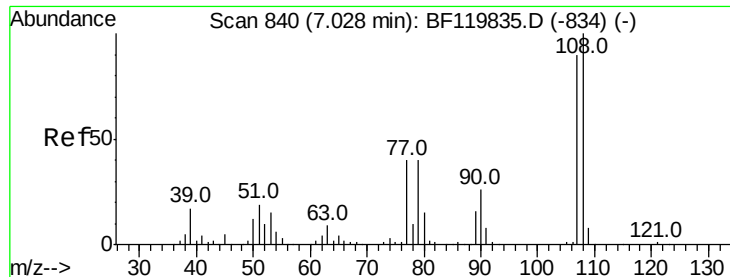
Tot Ion: 79 Resp: 329018
Ion Ratio Lower Upper
79 100
108 76.2 62.0 93.0
77 63.2 51.8 77.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.200 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion: 45 Resp: 650707
Ion Ratio Lower Upper
45 100
77 11.8 0.0 30.7
79 9.1 0.0 28.6

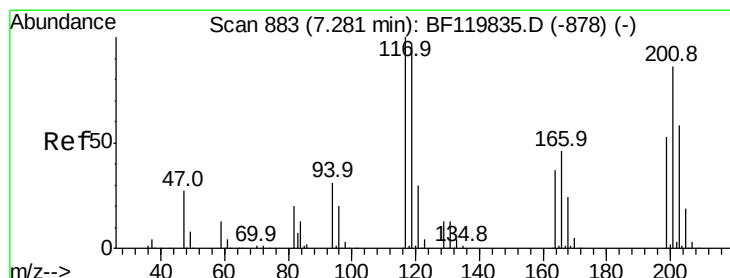
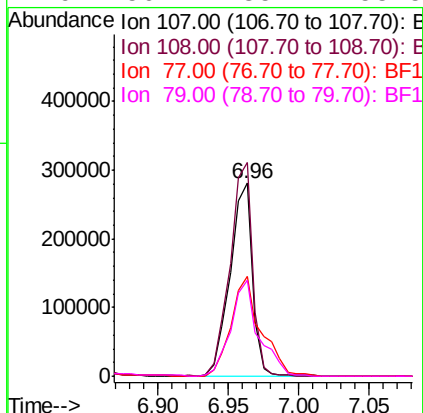
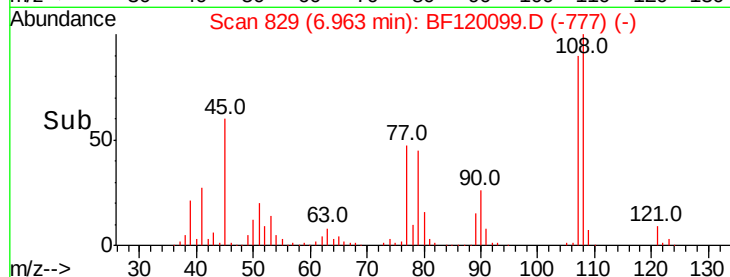
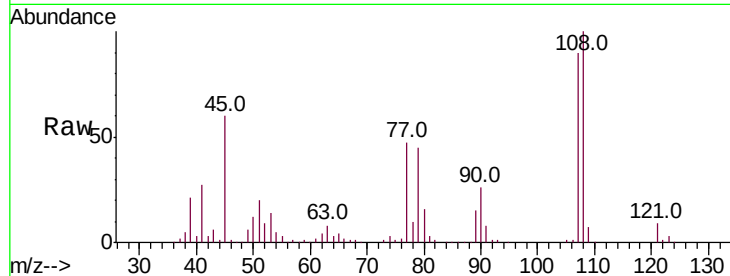




#17
2-Methylphenol
Concen: 45.550 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

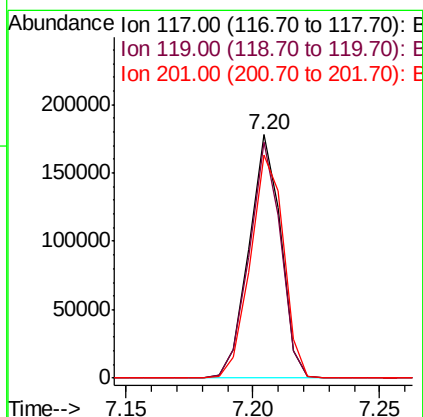
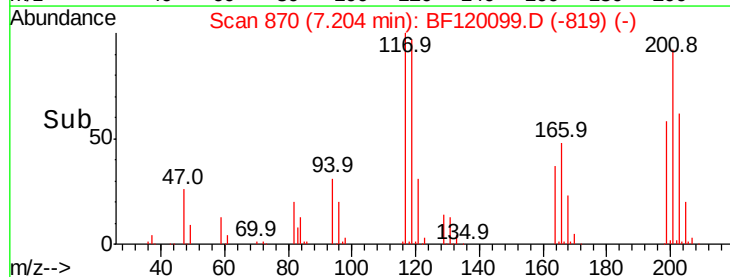
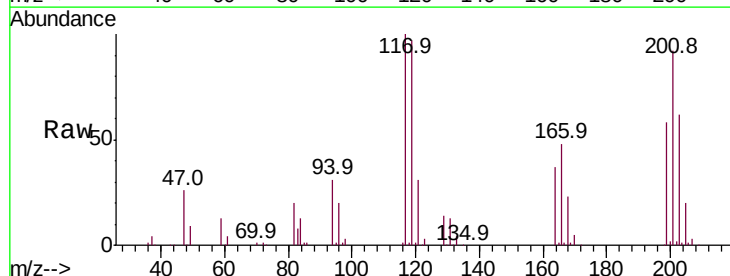
Instrument :
BNA_F
ClientSampleId :
PB128301BS

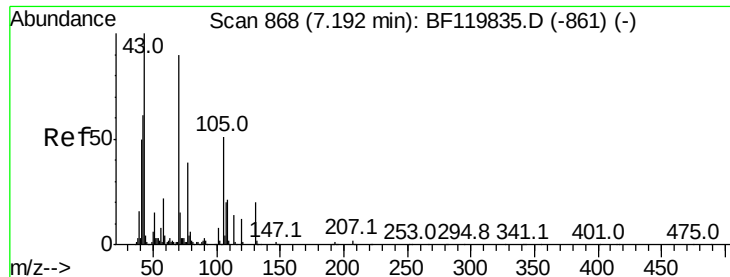
Tot Ion:107 Resp: 311473
Ion Ratio Lower Upper
107 100
108 110.8 88.8 133.2
77 51.8 36.0 54.0
79 50.2 35.7 53.5



#18
Hexachloroethane
Concen: 48.738 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:117 Resp: 155650
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.0
201 91.8 68.4 102.6

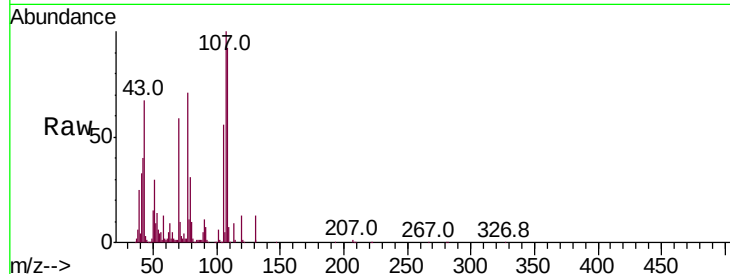




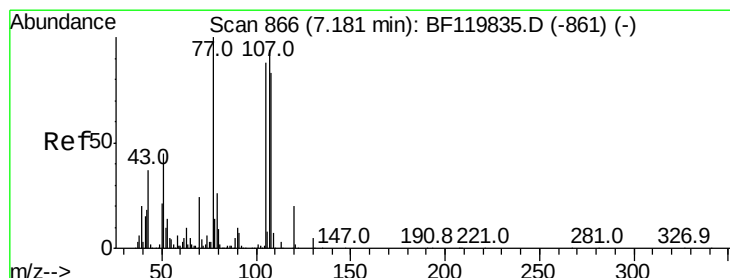
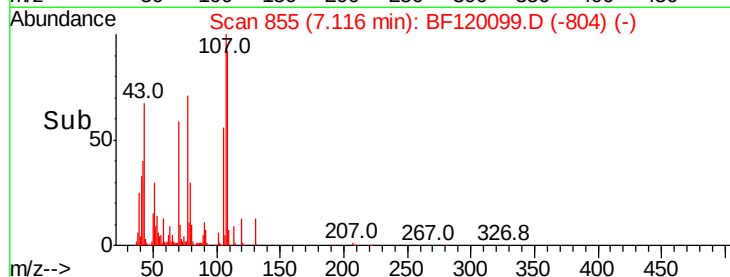
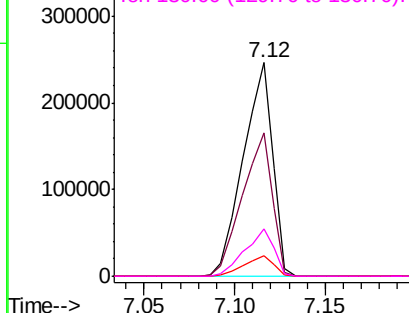
#19
n-Nitroso-di-n-propylamine
Concen: 48.850 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion:	70	Resp:	277583
Ion	Ratio	Lower	Upper
70	100		
42	67.2	54.2	81.4
101	9.8	7.4	11.2
130	22.3	17.8	26.6

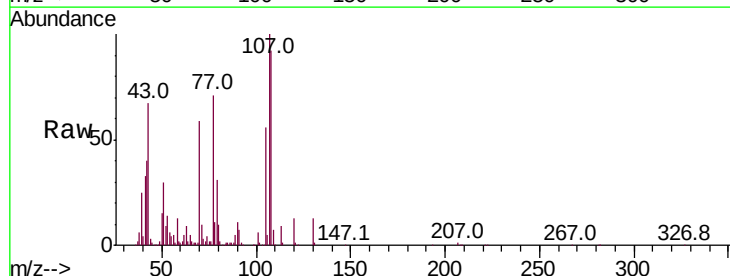


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

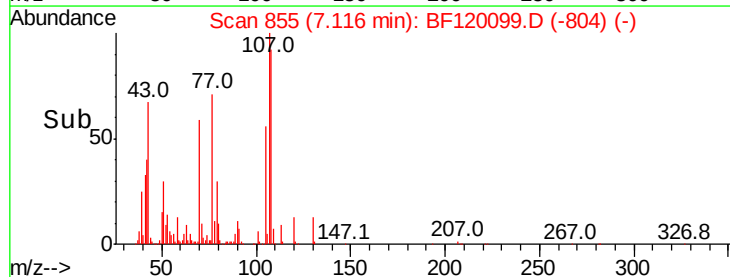
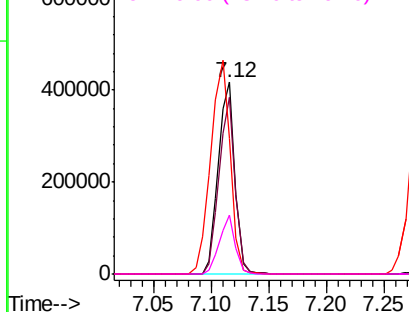


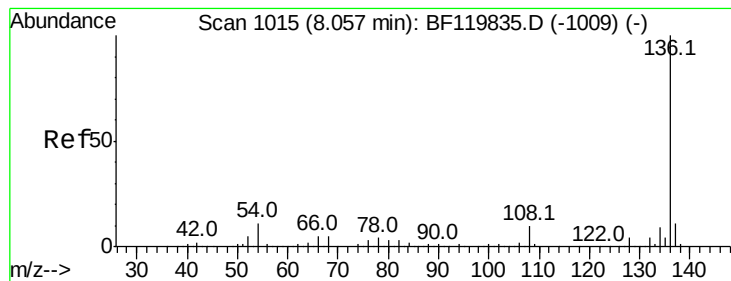
#20
3+4-Methylphenols
Concen: 49.847 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:	107	Resp:	416882
Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	71.0	86.6	126.6#
79	30.6	7.7	47.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

Tot Ion:136 Resp: 462414

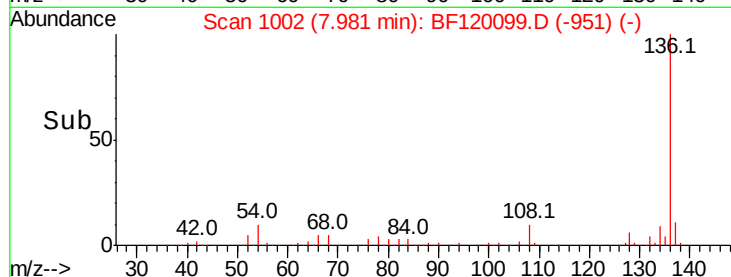
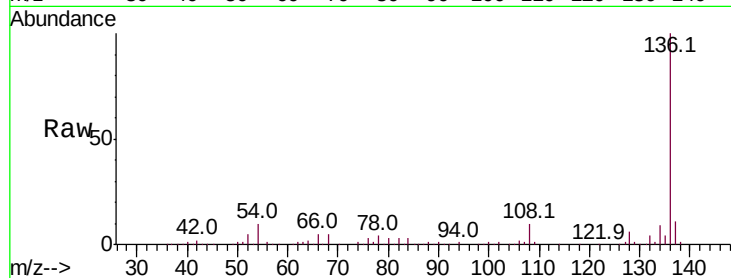
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.6 8.5 12.7

68 5.3 3.9 5.9

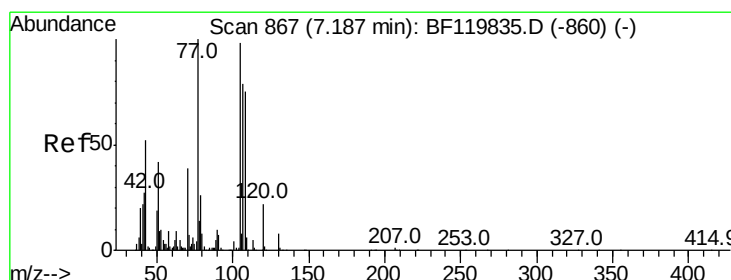
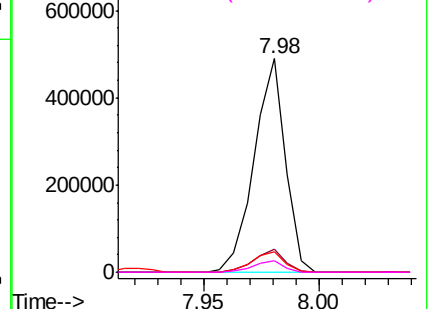


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.499 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Tgt Ion:105 Resp: 546821

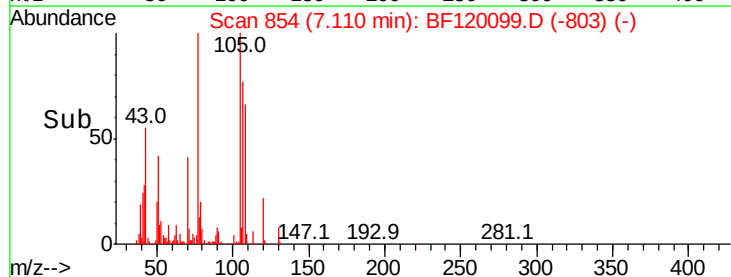
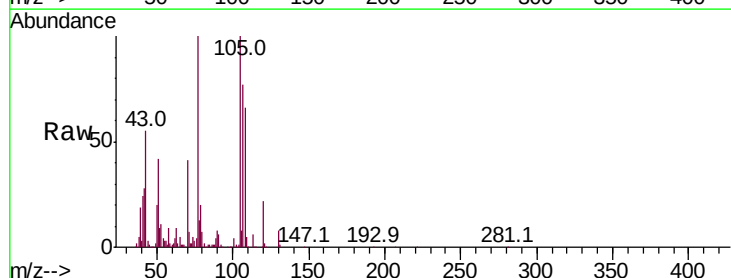
Ion Ratio Lower Upper

105 100

71 6.9 5.6 8.4

51 42.1 33.9 50.9

120 22.4 17.8 26.8

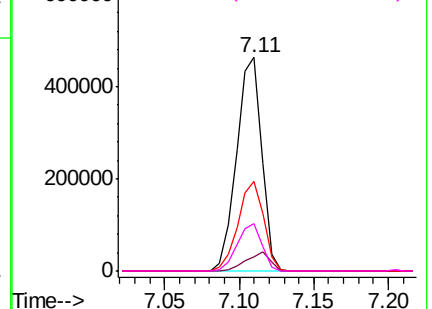


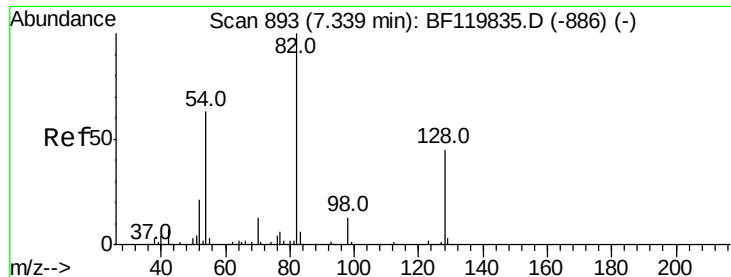
Abundance Ion 105.00 (104.70 to 105.70): E

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

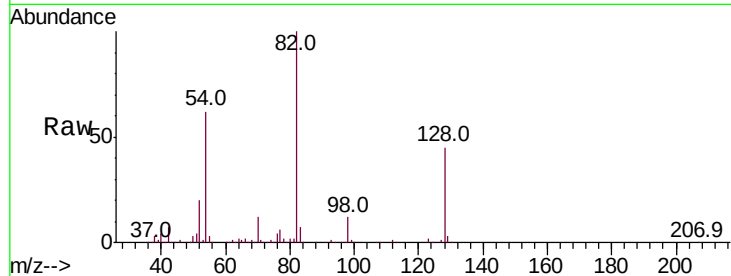




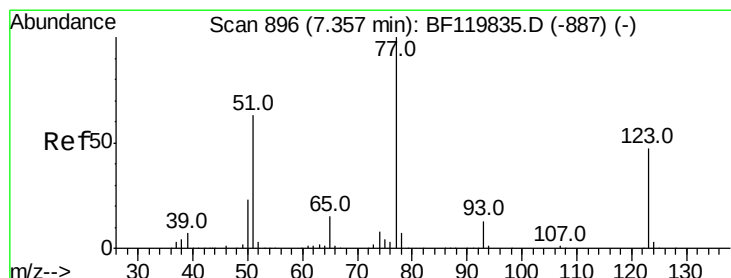
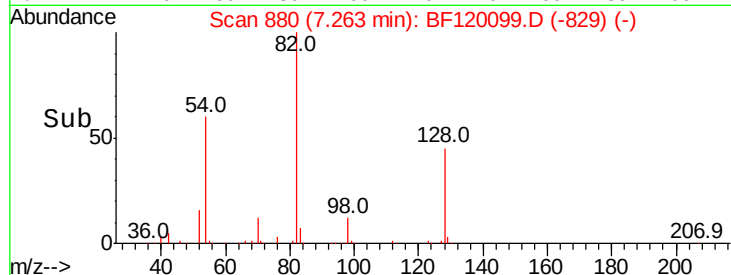
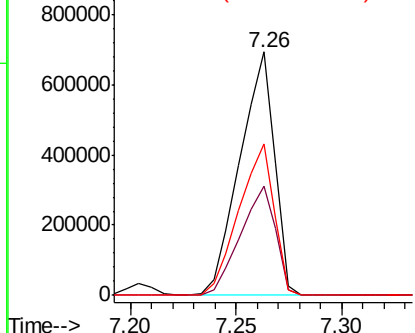
#23
Nitrobenzene-d5
Concen: 88.631 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion: 82 Resp: 792214
Ion Ratio Lower Upper
82 100
128 45.0 36.2 54.4
54 62.3 50.4 75.6

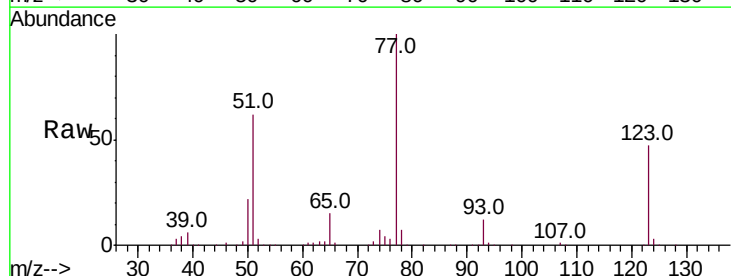


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

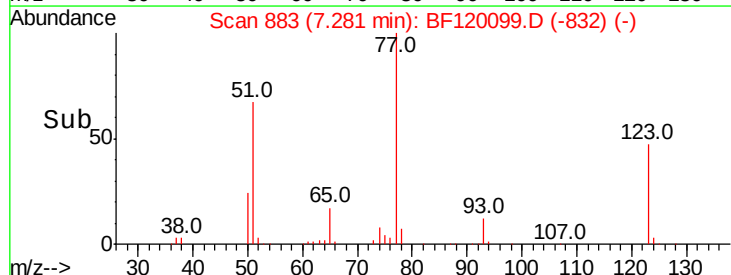
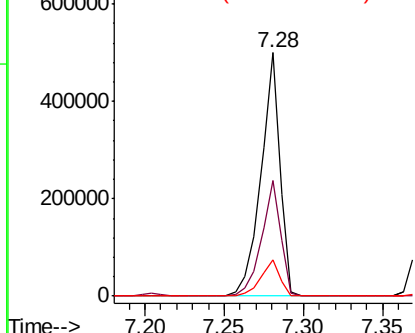


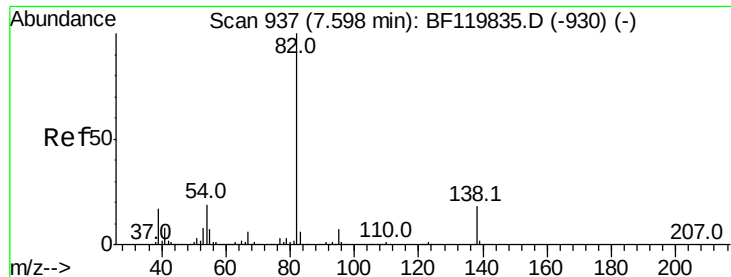
#24
Nitrobenzene
Concen: 46.995 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion: 77 Resp: 422563
Ion Ratio Lower Upper
77 100
123 47.2 37.8 56.8
65 15.1 12.2 18.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.585 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

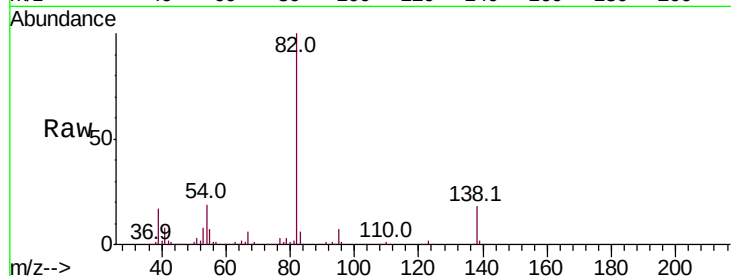
Tot Ion: 82 Resp: 768229

Ion Ratio Lower Upper

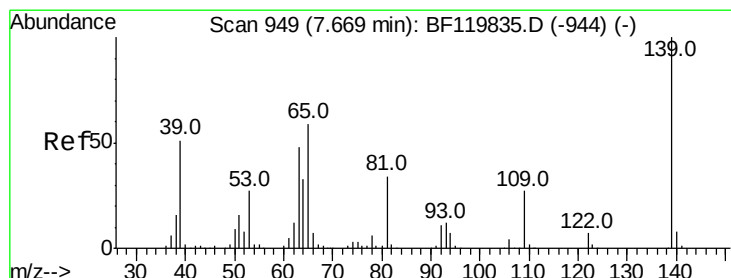
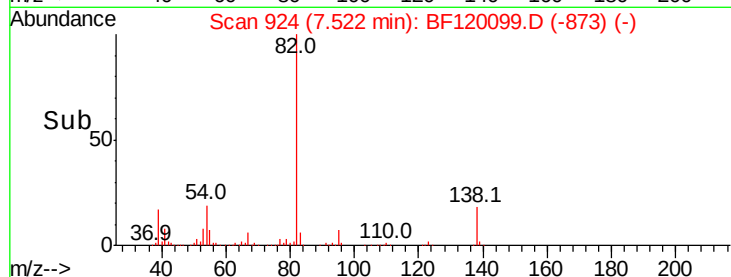
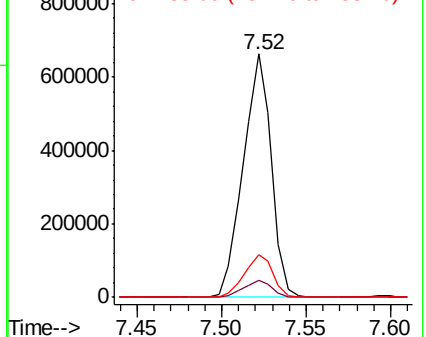
82 100

95 6.8 5.8 8.6

138 17.6 14.5 21.7



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: 48.714 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

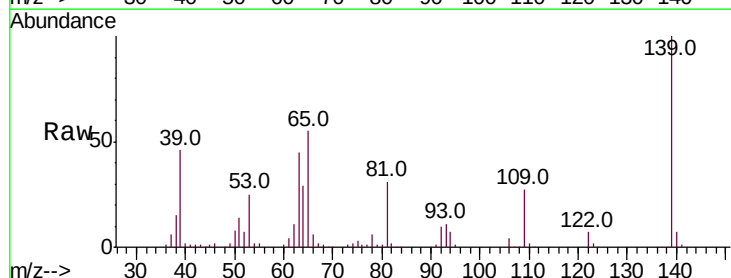
Tgt Ion:139 Resp: 218836

Ion Ratio Lower Upper

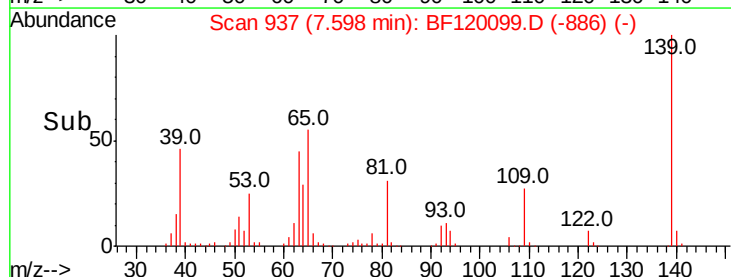
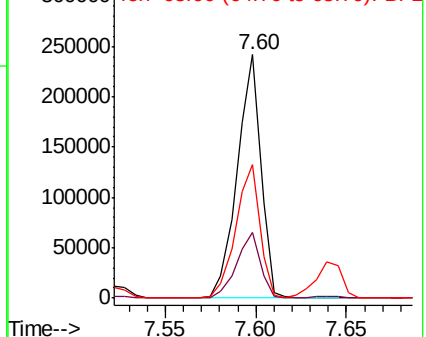
139 100

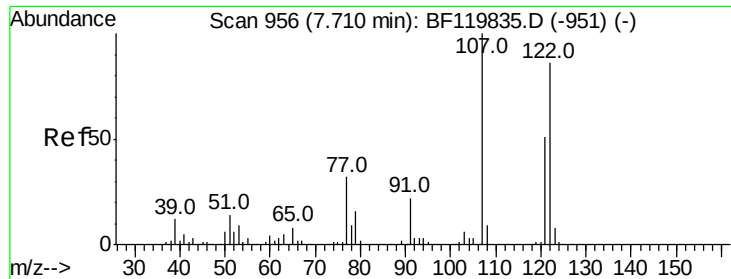
109 27.2 21.8 32.6

65 54.9 47.0 70.4



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

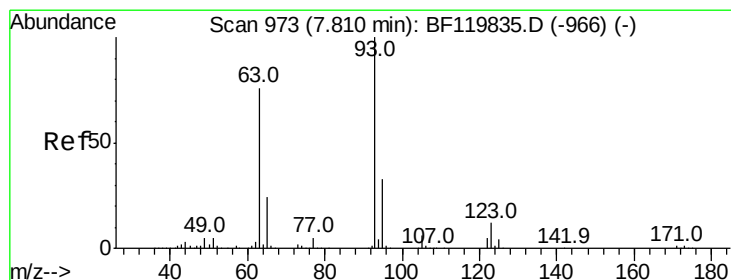
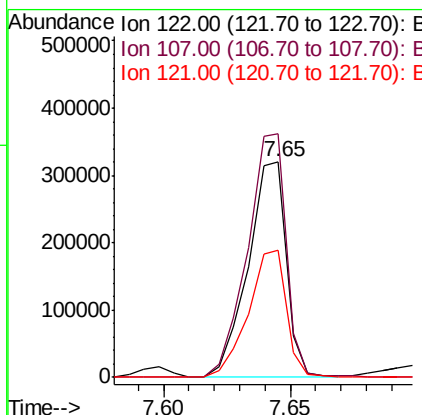
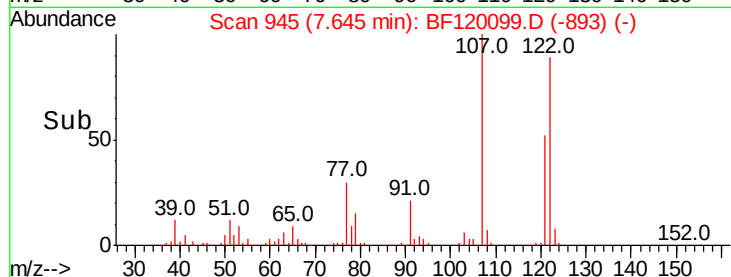
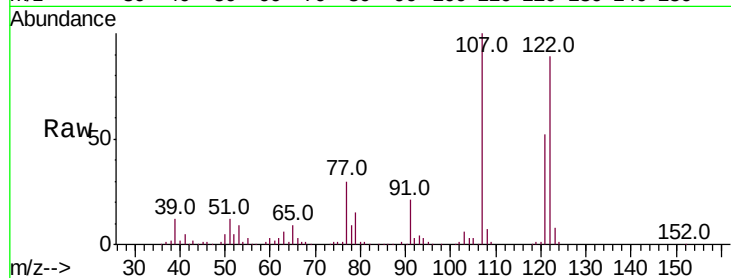




#27
2,4-Dimethylphenol
Concen: 50.092 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

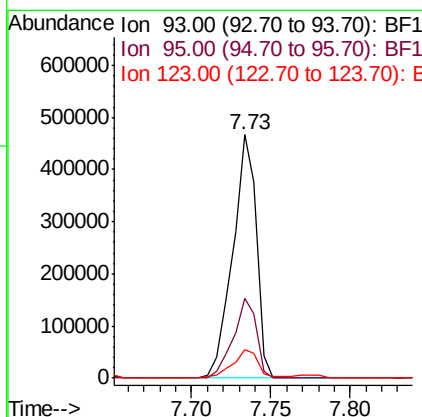
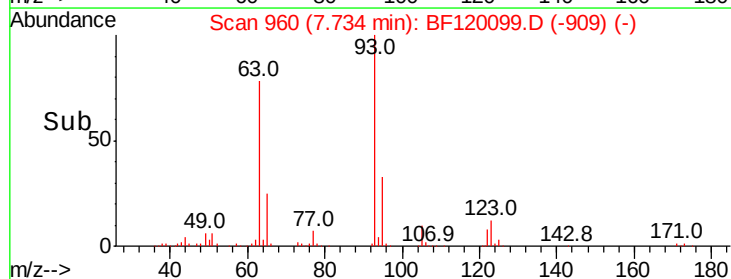
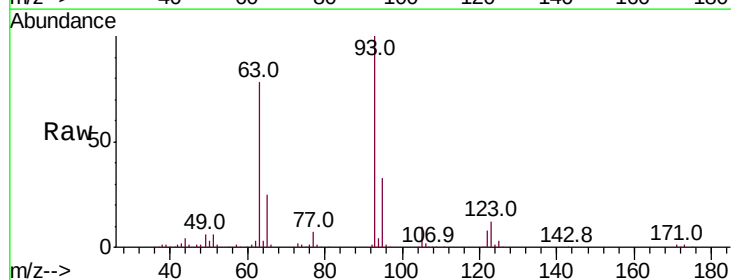
Instrument :
BNA_F
ClientSampleId :
PB128301BS

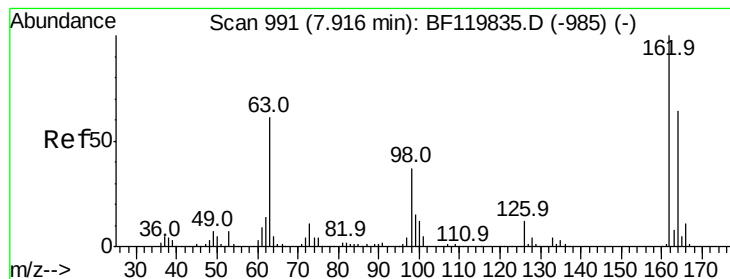
Tot Ion:122 Resp: 339379
Ion Ratio Lower Upper
122 100
107 112.9 92.3 138.5
121 59.1 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.408 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion: 93 Resp: 480674
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 11.8 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 47.351 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

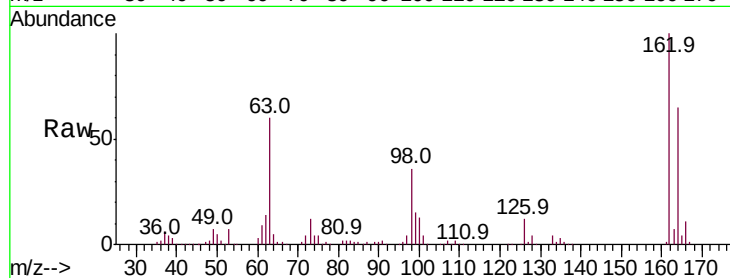
Tot Ion:162 Resp: 328839

Ion Ratio Lower Upper

162 100

164 64.9 44.4 84.4

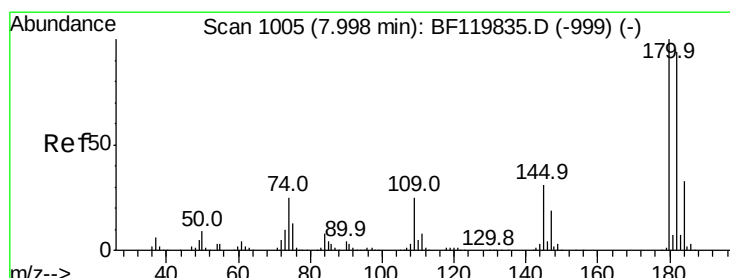
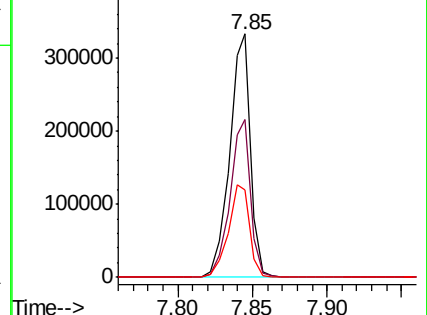
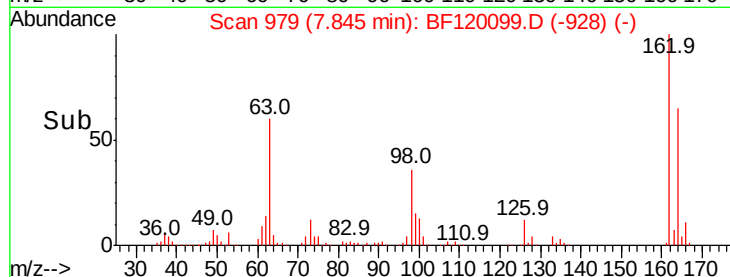
98 36.1 17.3 57.3



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: 44.955 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

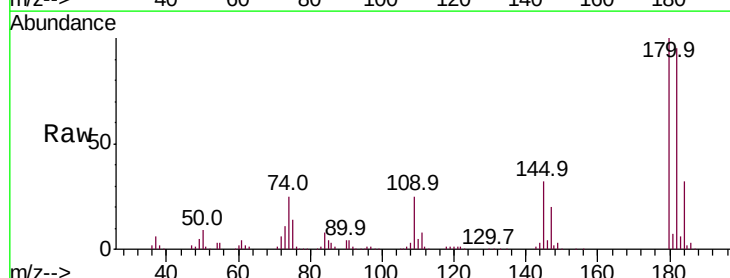
Tgt Ion:180 Resp: 353743

Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

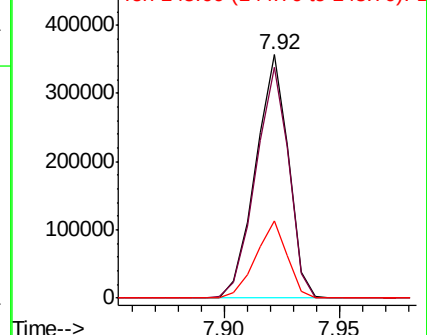
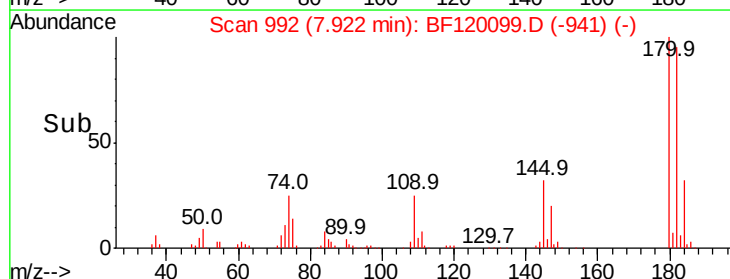
145 31.7 24.6 37.0

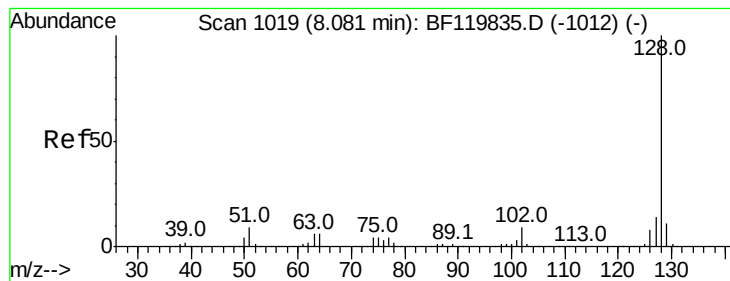


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.548 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

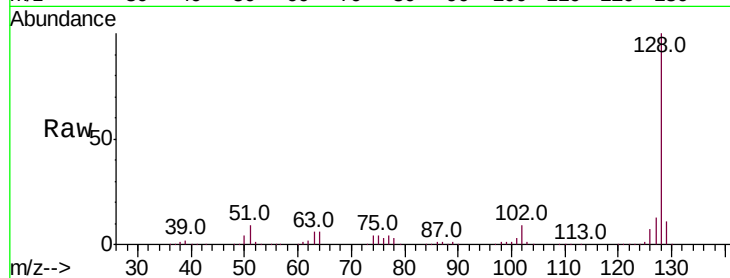
Tot Ion:128 Resp: 1156794

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

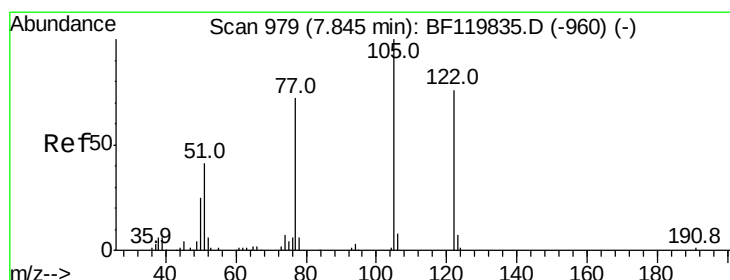
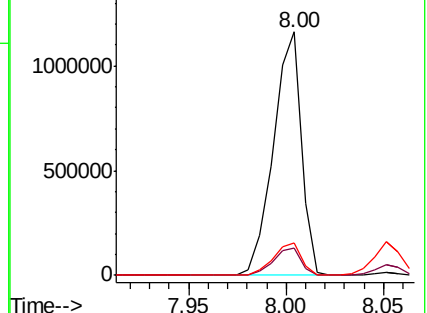
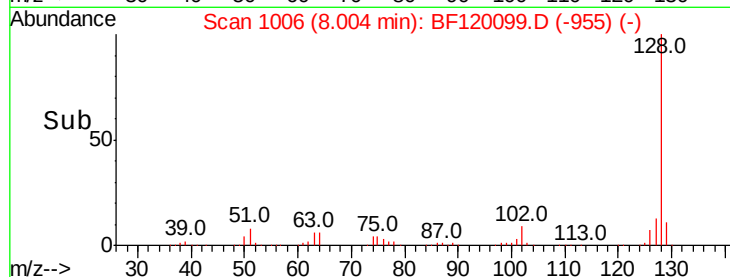
127 13.4 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.614 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

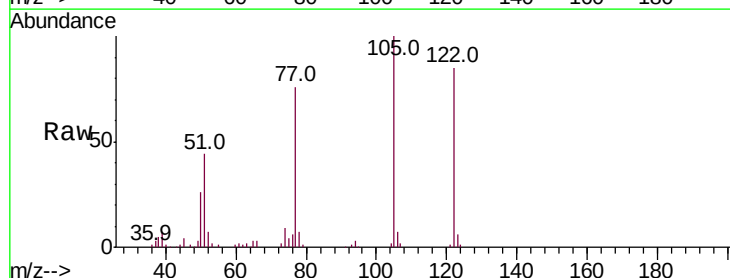
Tgt Ion:122 Resp: 259513

Ion Ratio Lower Upper

122 100

105 118.2 106.7 146.7

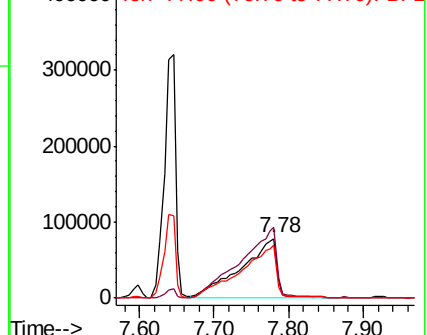
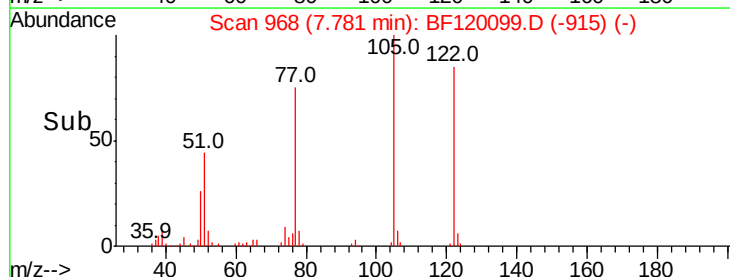
77 89.8 72.1 112.1

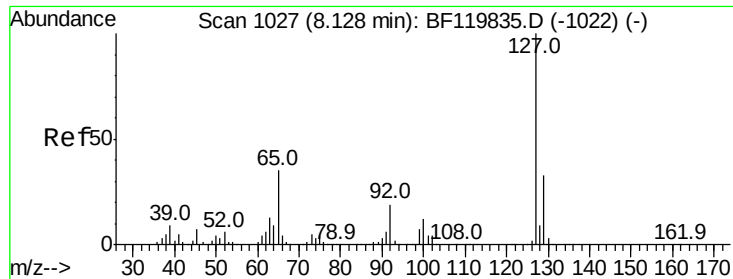


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

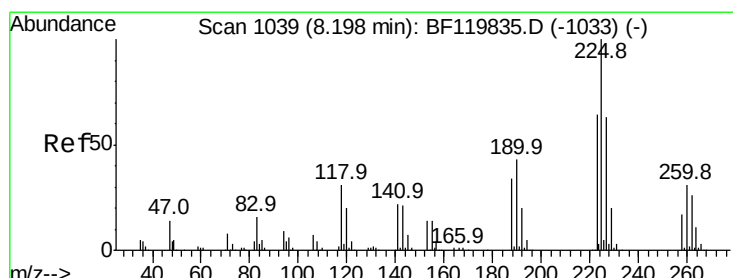
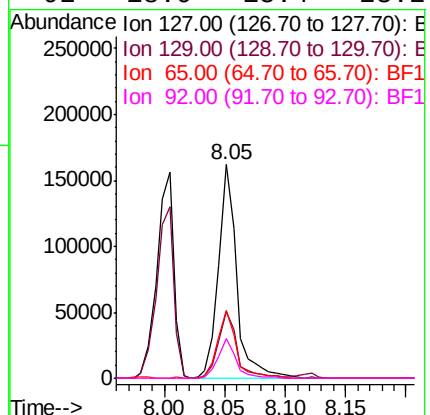
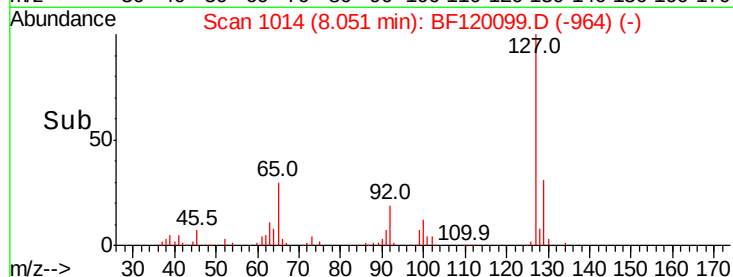
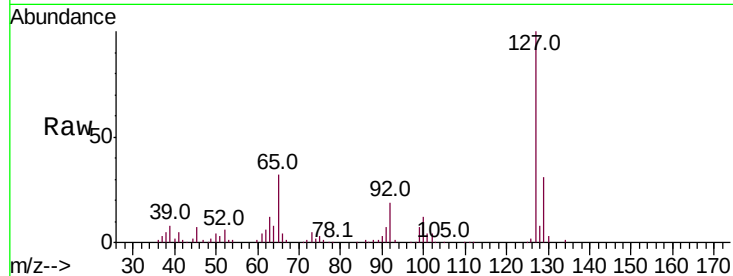




#33
4-Chloroaniline
Concen: 15.968 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

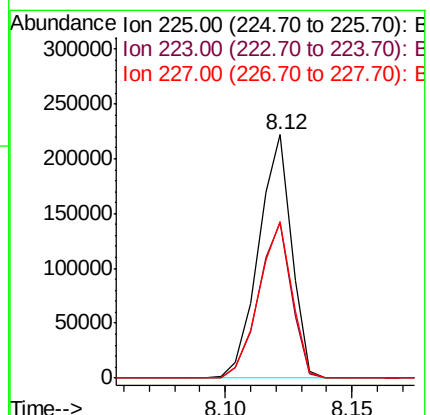
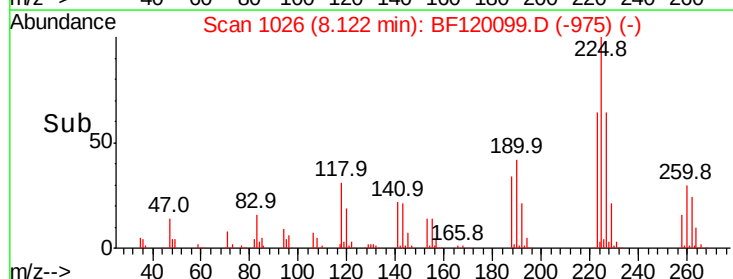
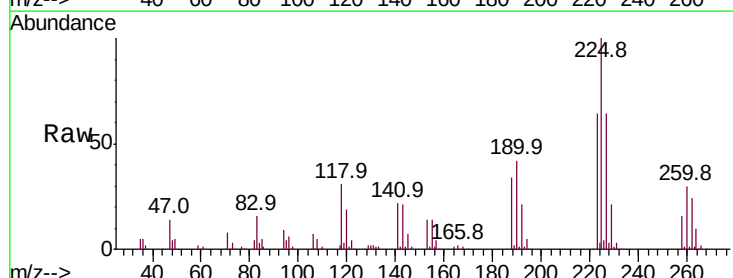
Instrument :
BNA_F
ClientSampleId :
PB128301BS

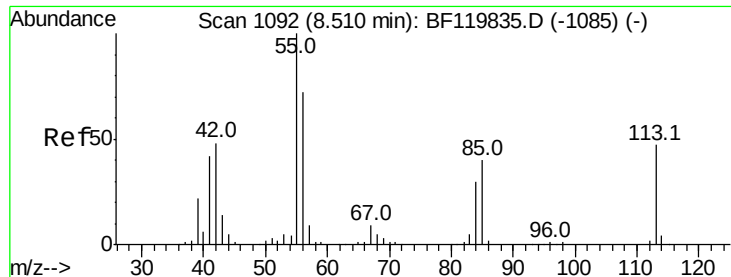
Tot Ion:	127	Resp:	169126
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.2
65	31.8	28.3	42.5
92	18.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.816 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:	225	Resp:	201681
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	64.3	50.4	75.6

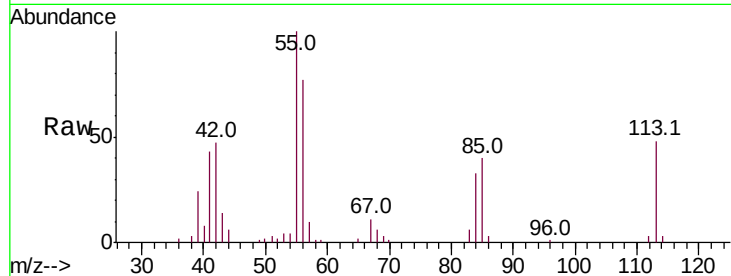




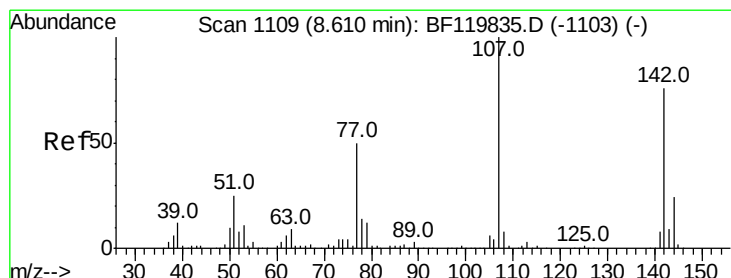
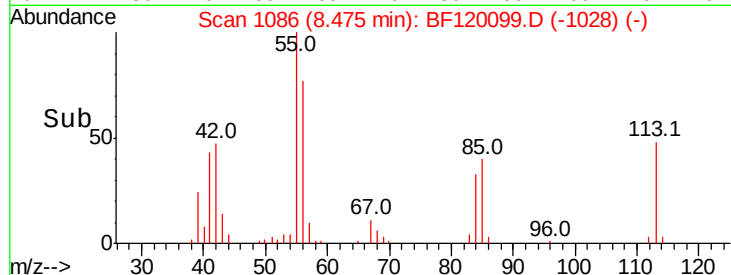
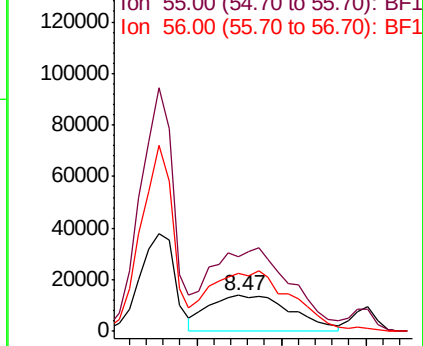
#35
 Caprolactam
 Concen: 22.534 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.04 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion:113 Resp: 47870
 Ion Ratio Lower Upper
 113 100
 55 210.4 192.7 232.7
 56 162.2 133.3 173.3

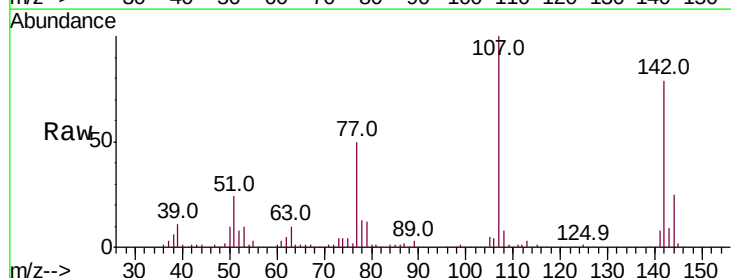


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

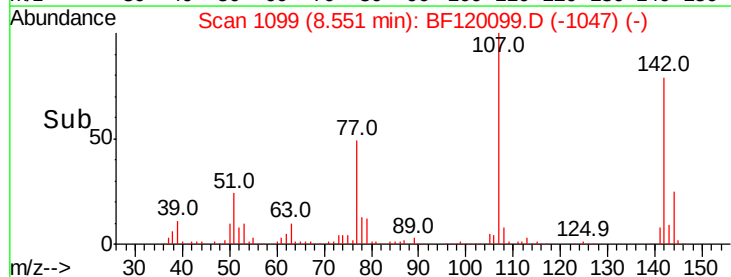
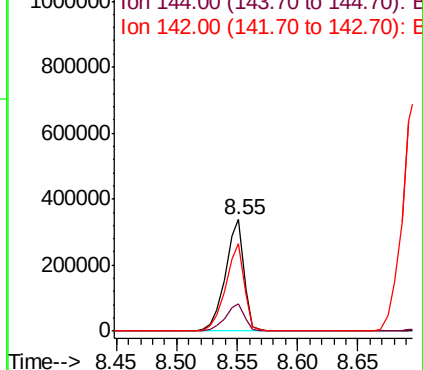


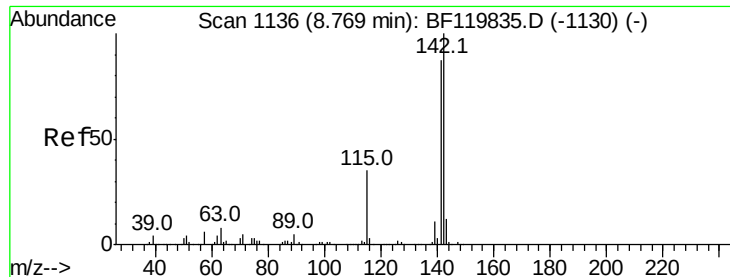
#36
 4-Chloro-3-methylphenol
 Concen: 47.849 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion:107 Resp: 359766
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.5 29.3
 142 78.9 60.5 90.7



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





#37

2-Methylnaphthalene

Concen: 44.842 ng

RT: 8.70 min Scan# 1124

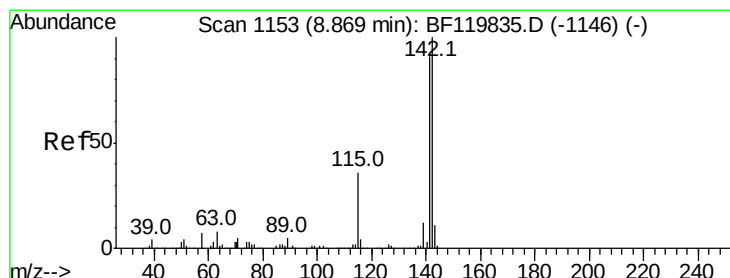
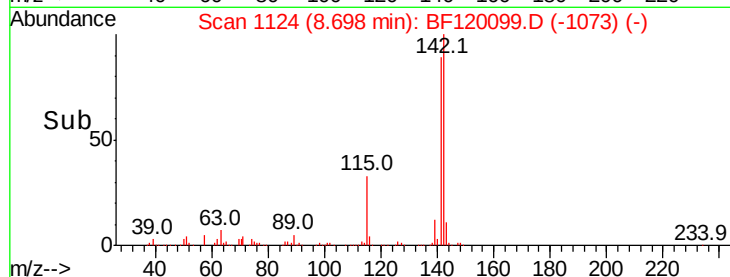
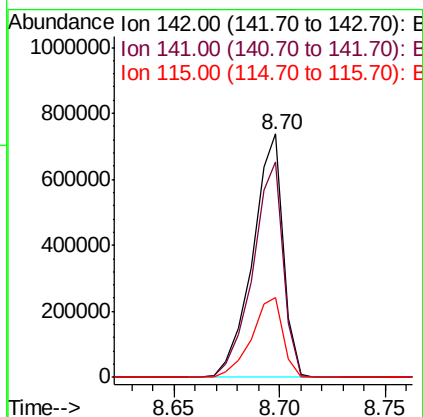
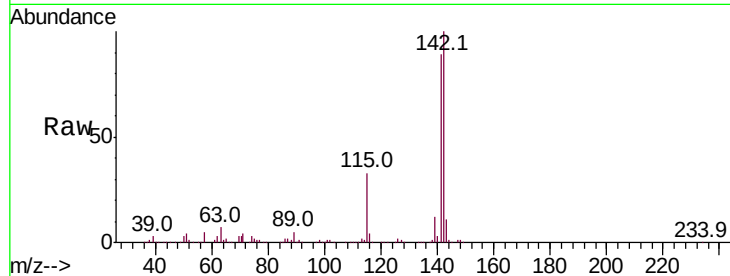
Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.9	104.9
115	32.9	28.0	42.0



#38

1-Methylnaphthalene

Concen: 46.952 ng

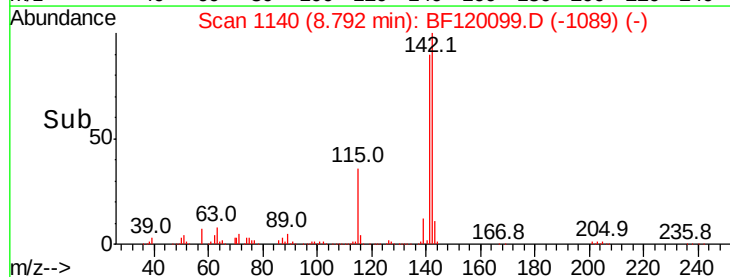
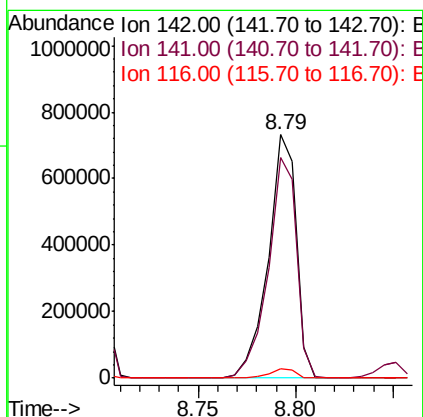
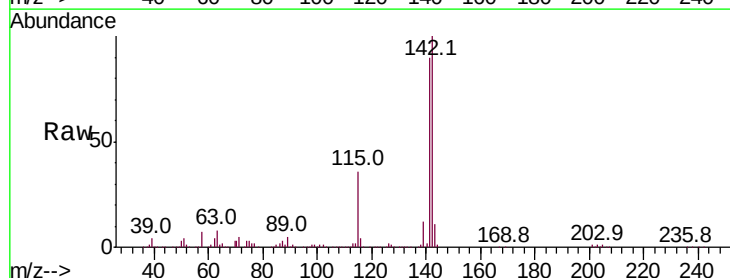
RT: 8.79 min Scan# 1140

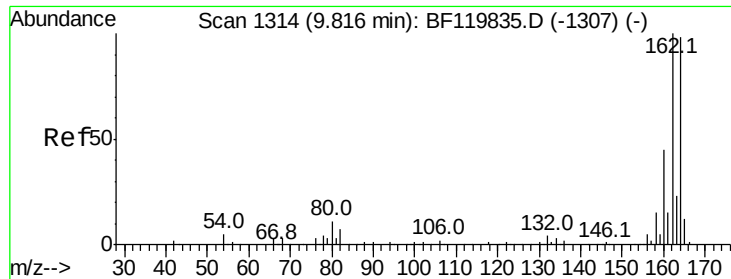
Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.9	109.3
116	3.9	3.0	4.6

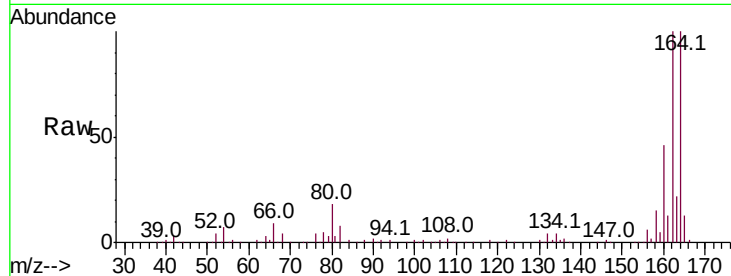




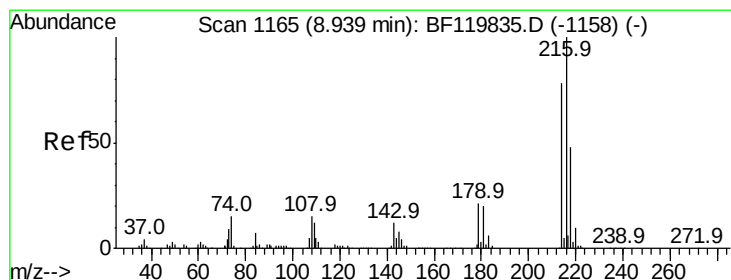
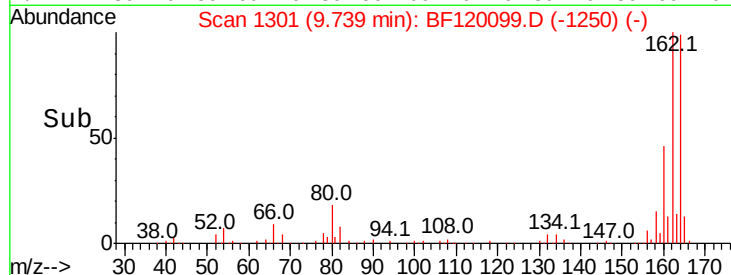
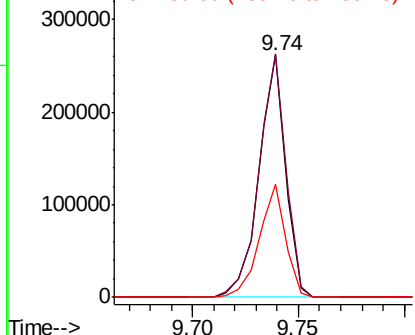
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion:164 Resp: 229554
Ion Ratio Lower Upper
164 100
162 100.5 81.9 122.9
160 46.5 36.6 54.8



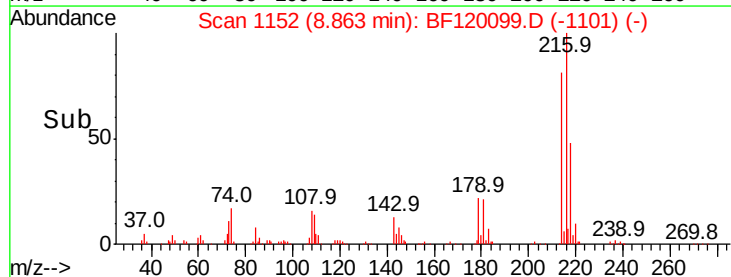
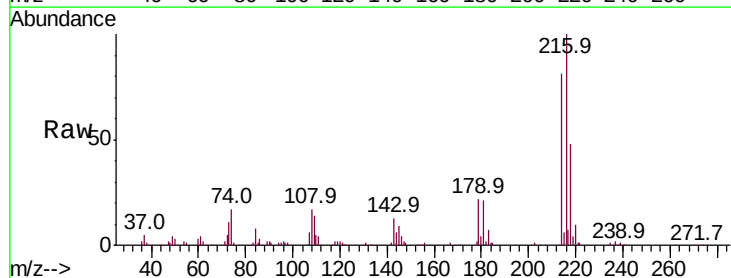
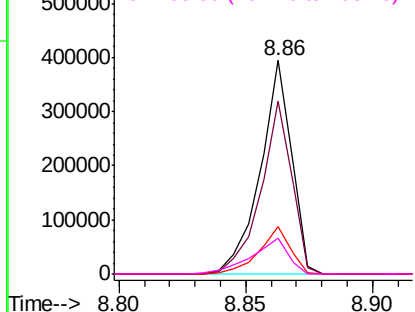
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

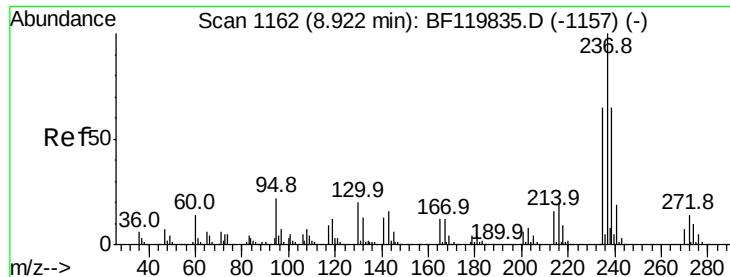


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.111 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:216 Resp: 341570
Ion Ratio Lower Upper
216 100
214 80.2 63.1 94.7
179 21.7 17.0 25.4
108 19.8 14.8 22.2

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

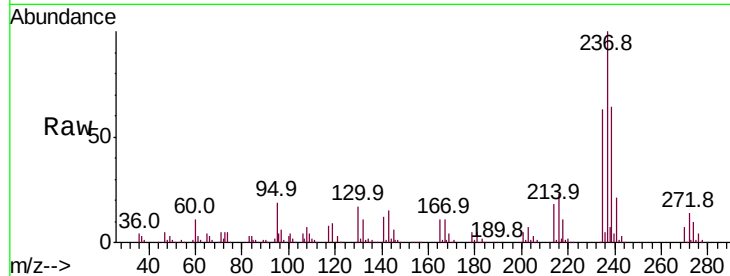




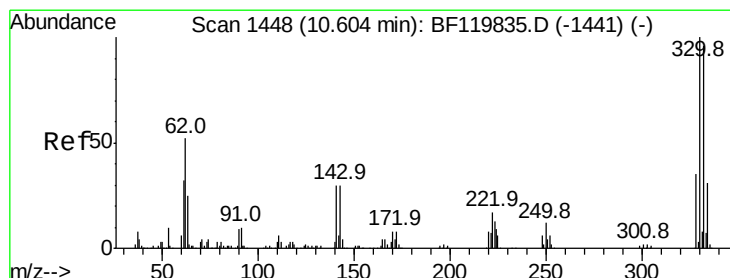
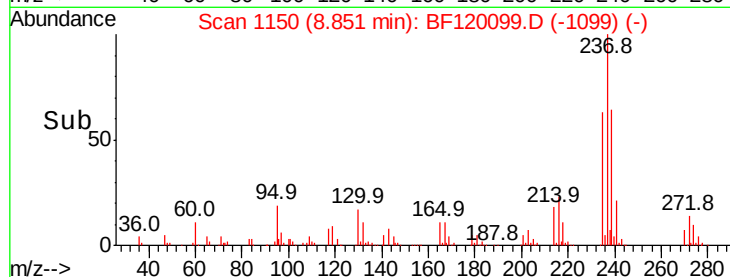
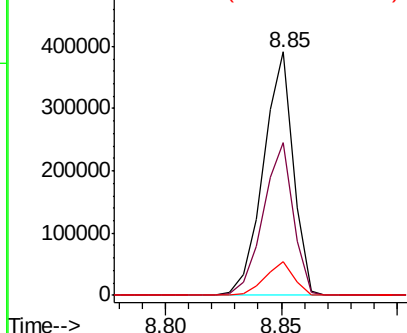
#41
Hexachlorocyclopentadiene
Concen: 85.388 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.9	84.9
272	13.6	0.0	33.6

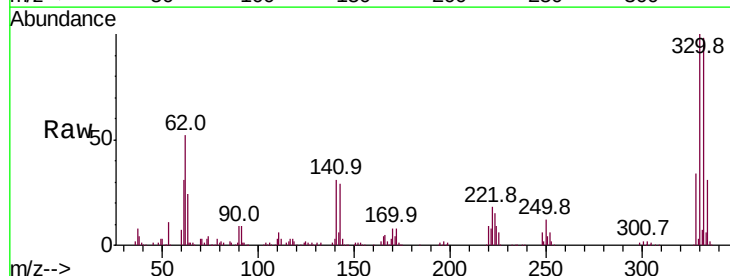


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

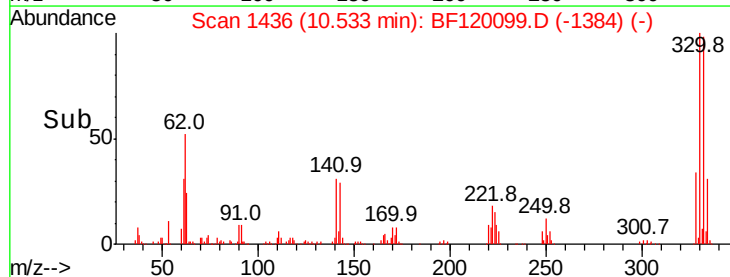
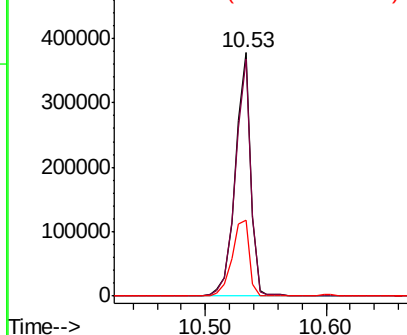


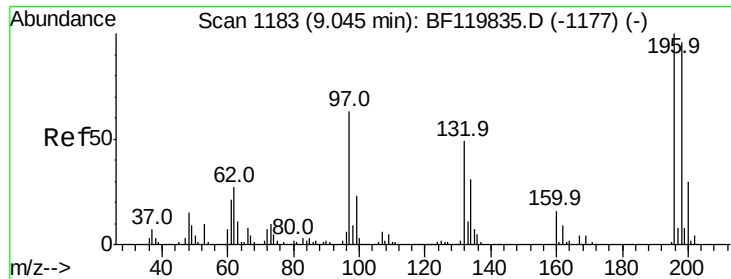
#42
2,4,6-Tribromophenol
Concen: 119.753 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	35.2	25.1	37.7



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

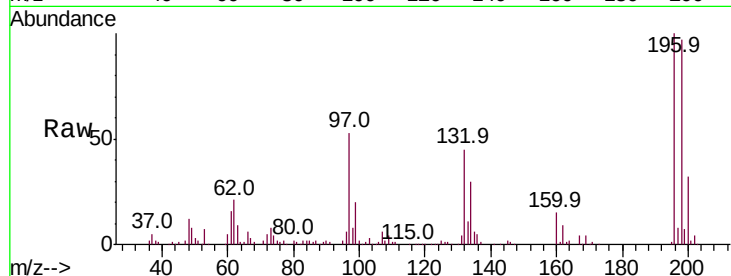




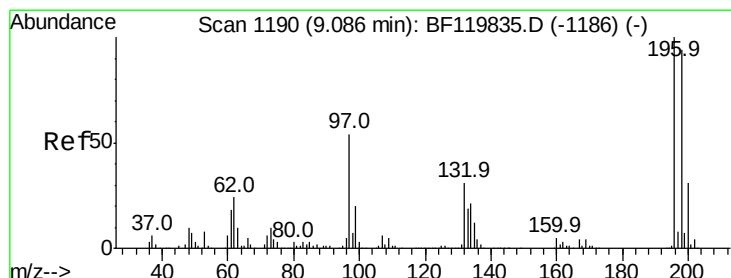
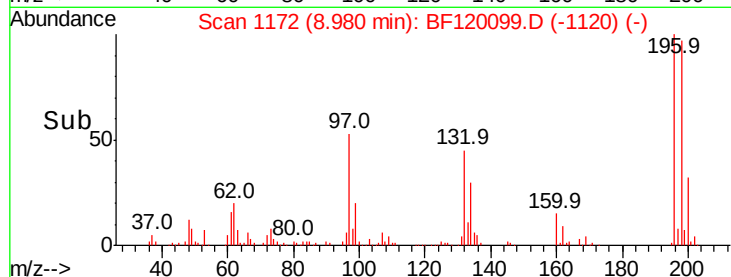
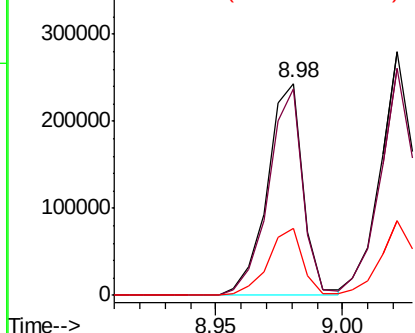
#43
 2,4,6-Trichlorophenol
 Concen: 48.160 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion:196 Resp: 241120
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.6 115.0
 200 31.7 24.2 36.2

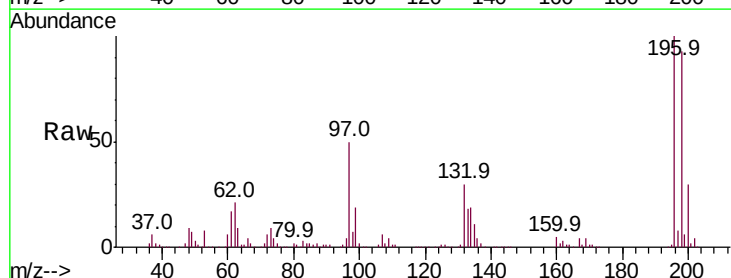


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

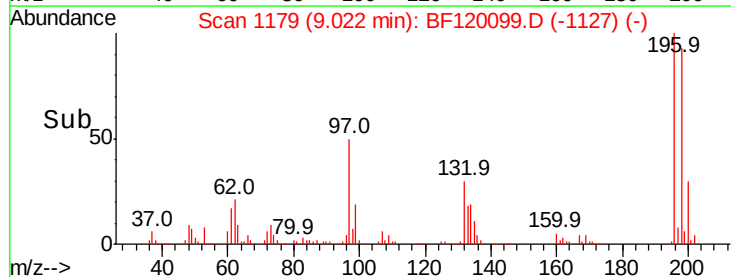
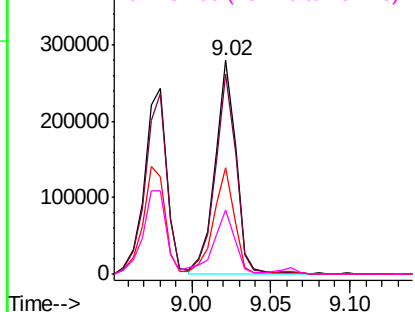


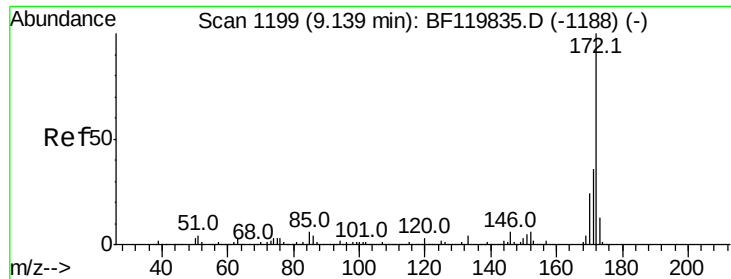
#44
 2,4,5-Trichlorophenol
 Concen: 44.959 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion:196 Resp: 253524
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.1 112.7
 97 49.7 43.4 65.2
 132 29.9 24.5 36.7



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

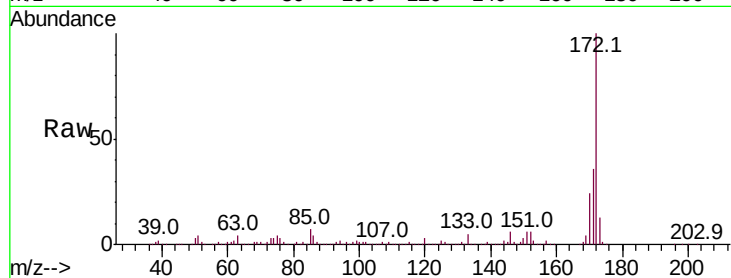




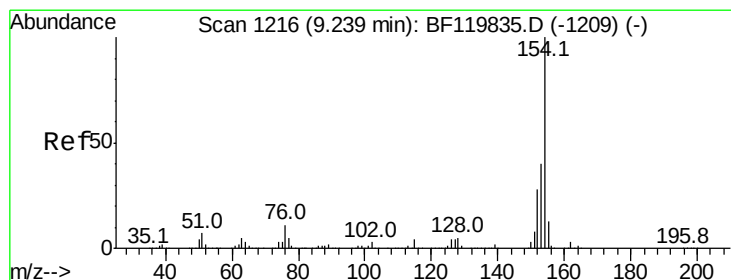
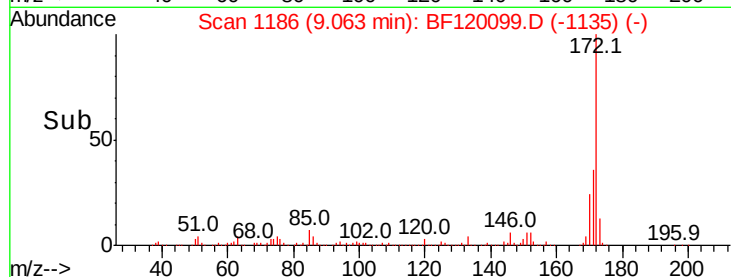
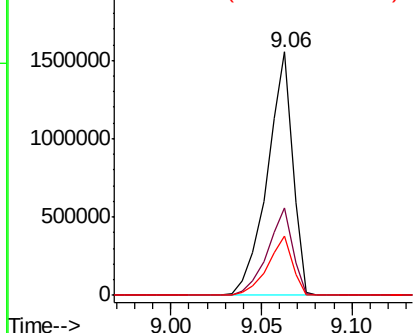
#45
2-Fluorobiphenyl
Concen: 93.350 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion:172 Resp: 1509310
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 24.1 19.4 29.2

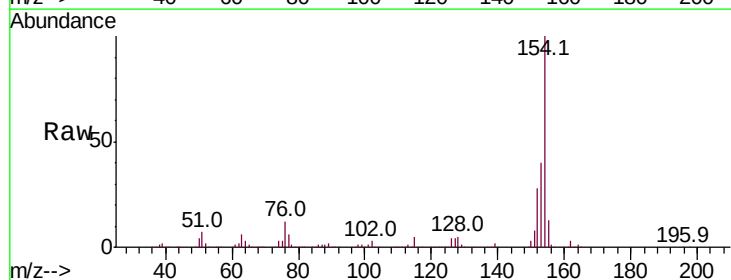


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

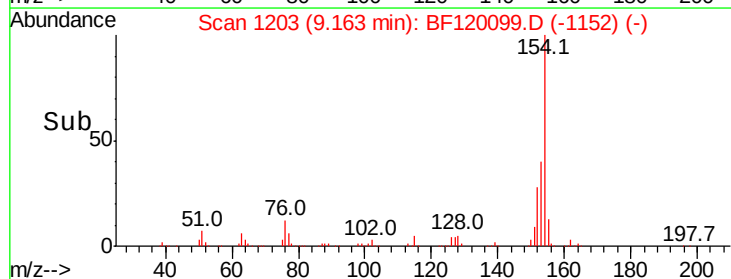
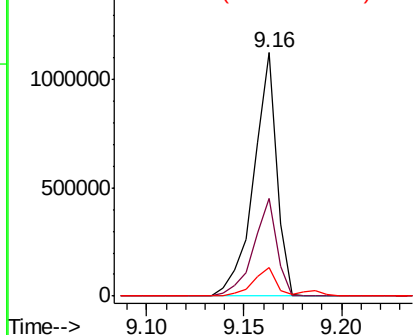


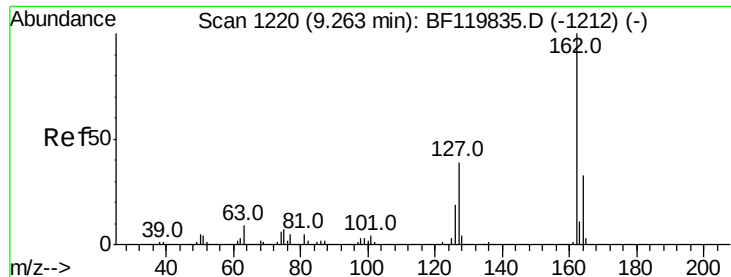
#46
1,1'-Biphenyl
Concen: 47.398 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:154 Resp: 918372
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 11.9 0.0 30.6



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: 48.384 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

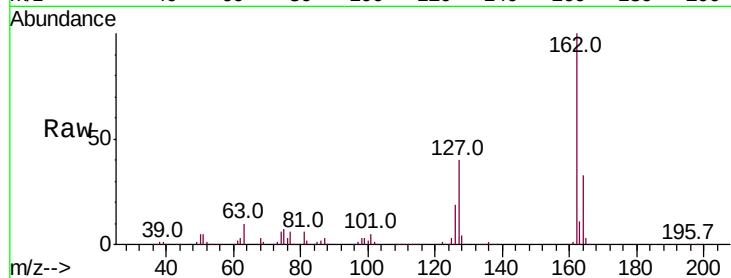
Tot Ion:162 Resp: 722176

Ion Ratio Lower Upper

162 100

127 39.5 31.2 46.8

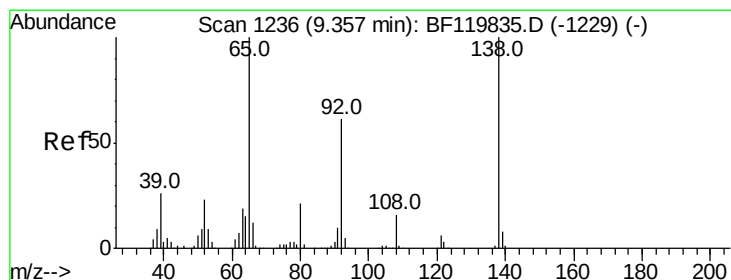
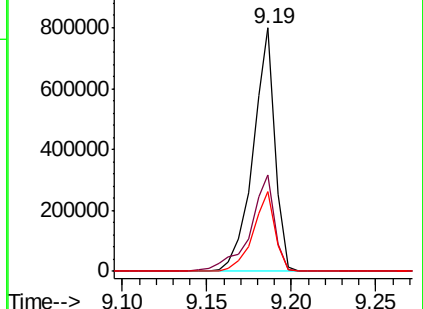
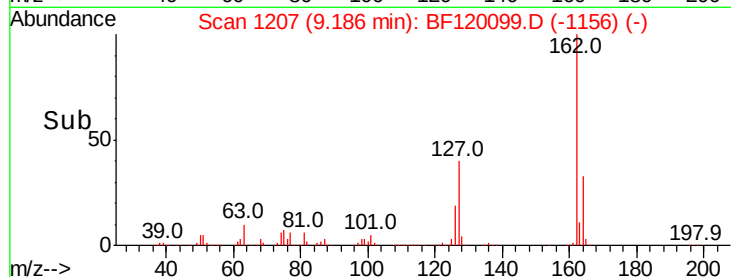
164 32.8 26.3 39.5



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: 46.712 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

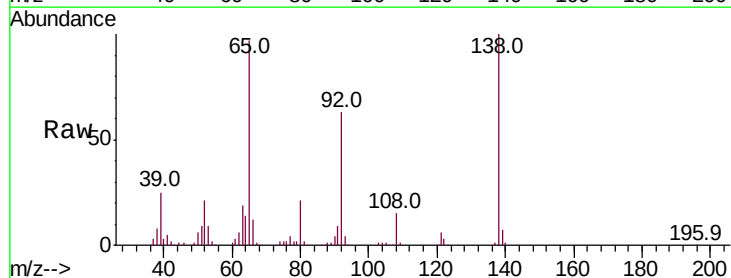
Tgt Ion: 65 Resp: 252666

Ion Ratio Lower Upper

65 100

92 65.6 49.0 73.6

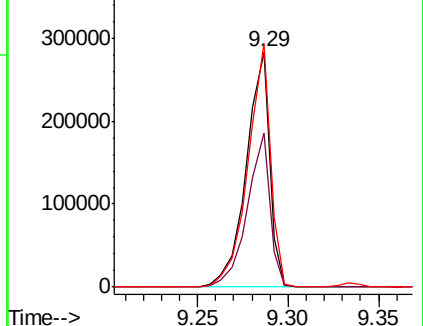
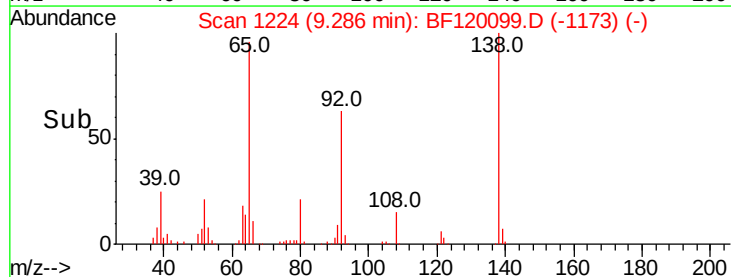
138 103.6 79.7 119.5

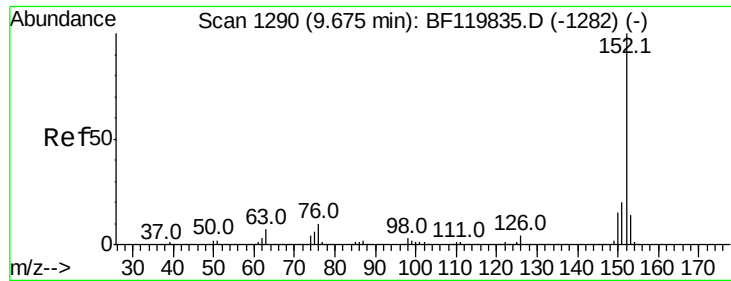


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.607 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

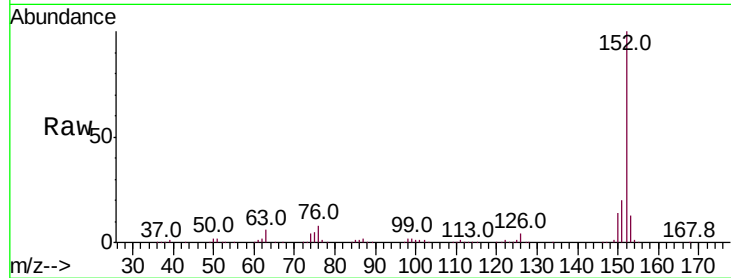
BNA_F

ClientSampleId :

PB128301BS

Tot Ion:152 Resp: 1126069

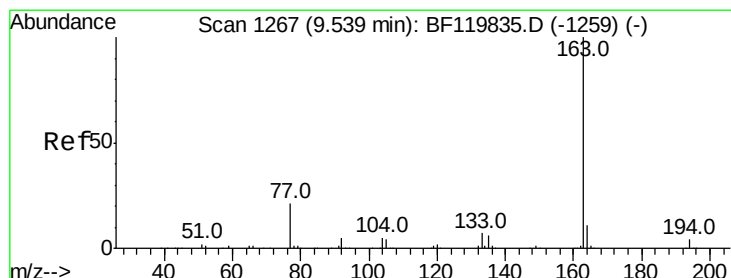
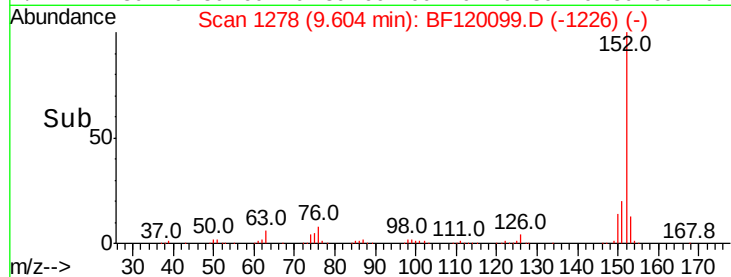
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.0	10.9	16.3



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: 46.067 ng

RT: 9.47 min Scan# 1255

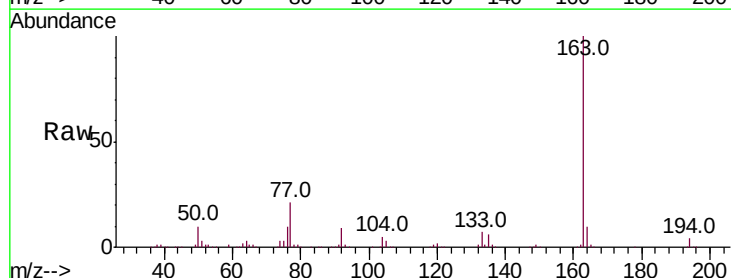
Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Tgt Ion:163 Resp: 817956

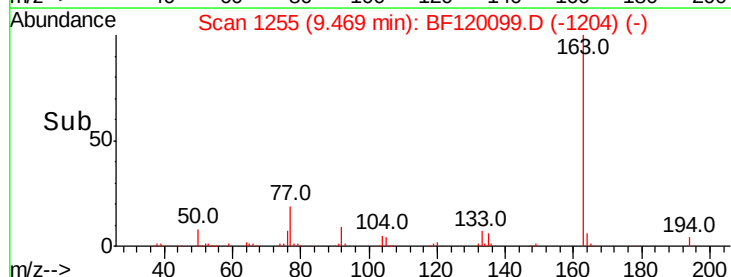
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.0	8.4	12.6

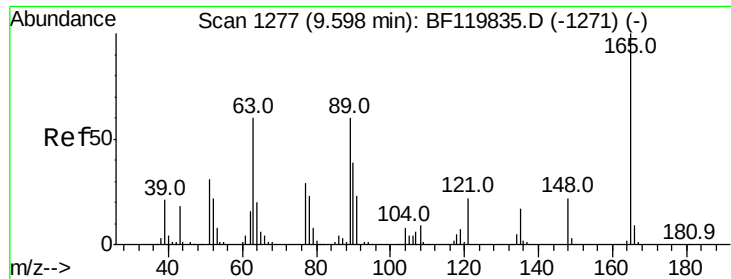


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

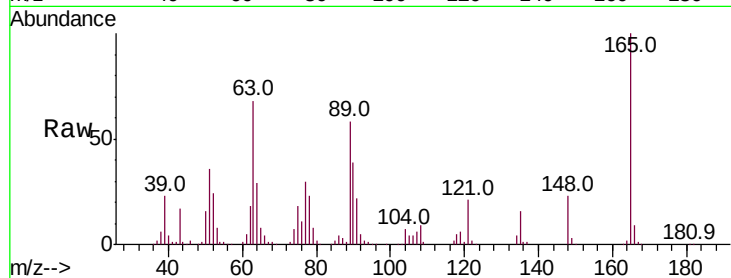




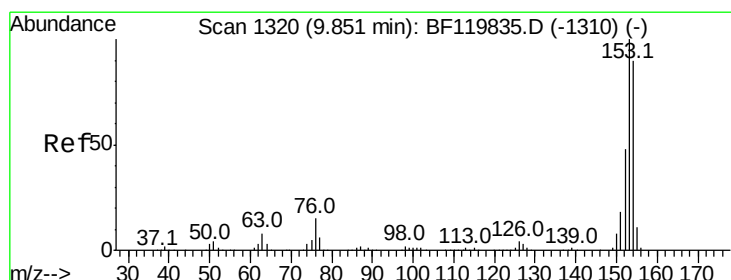
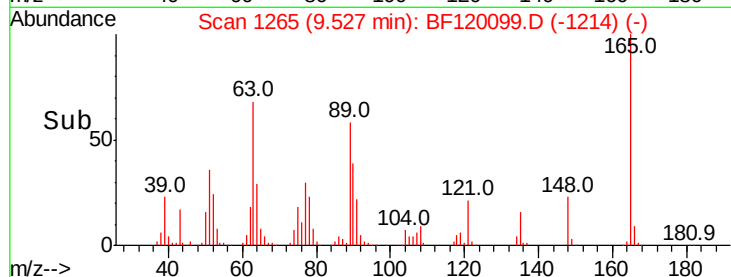
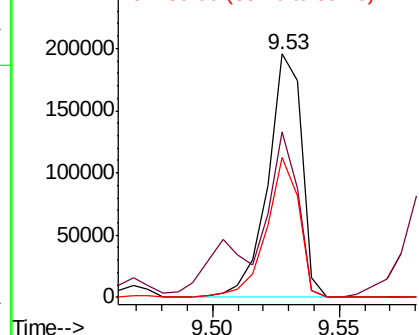
#51
 2,6-Dinitrotoluene
 Concen: 47.134 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion:165 Resp: 183265
 Ion Ratio Lower Upper
 165 100
 63 68.1 55.6 83.4
 89 57.5 47.9 71.9

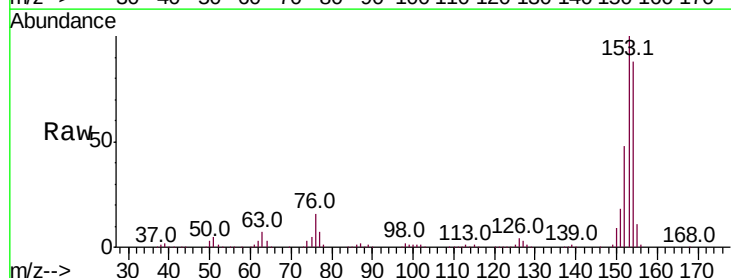


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

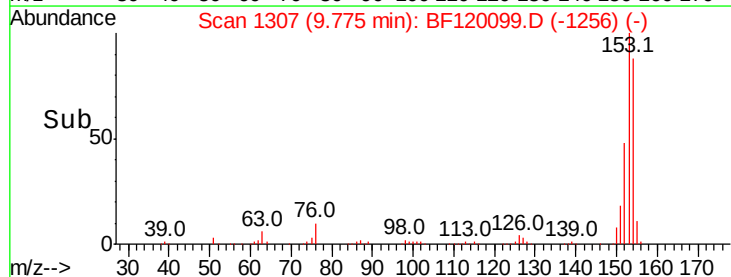
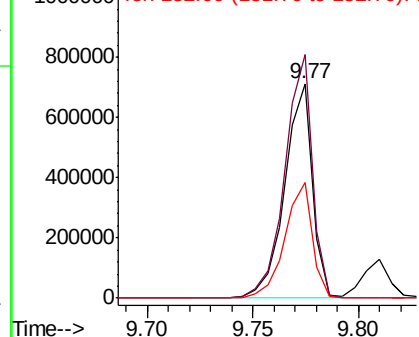


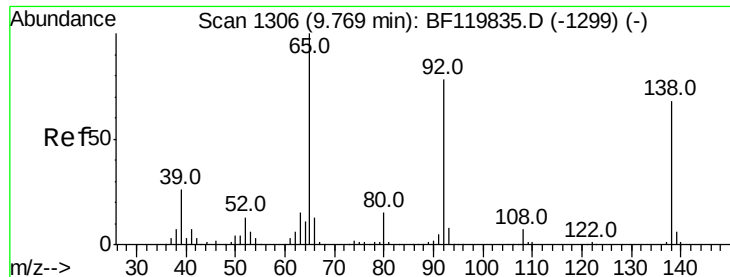
#52
 Acenaphthene
 Concen: 43.169 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion:154 Resp: 653663
 Ion Ratio Lower Upper
 154 100
 153 113.5 88.8 133.2
 152 54.1 42.4 63.6



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

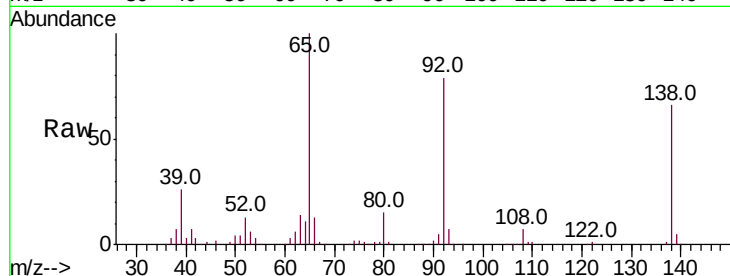




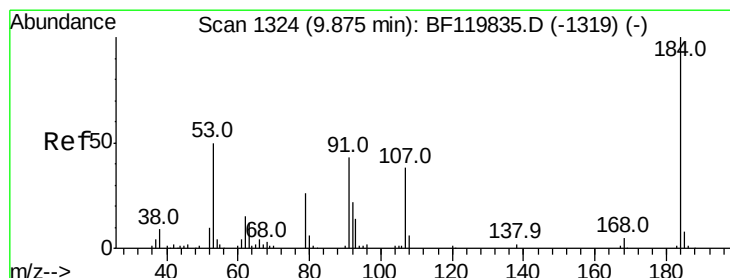
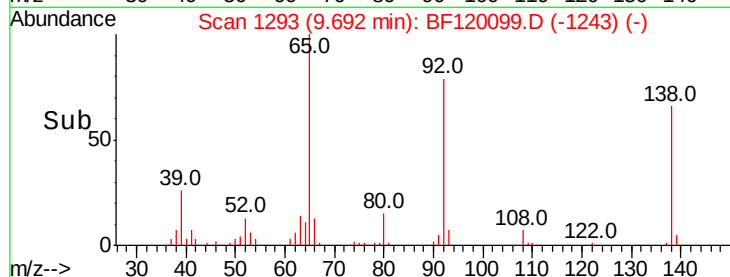
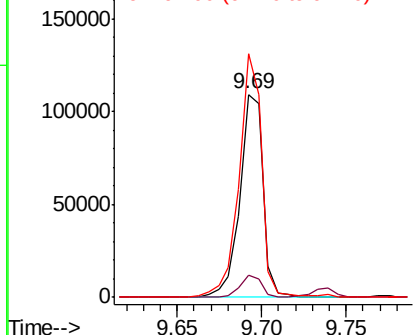
#53
3-Nitroaniline
Concen: 23.519 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion:138 Resp: 104439
Ion Ratio Lower Upper
138 100
108 10.7 8.0 12.0
92 120.1 92.1 138.1

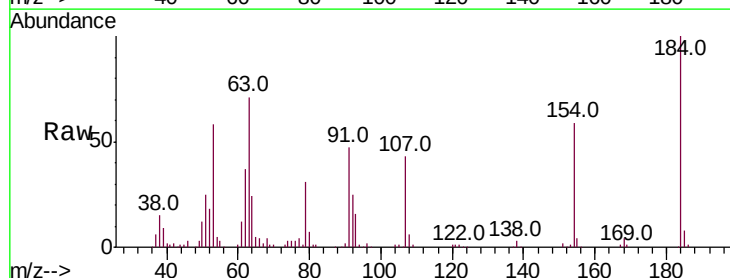


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

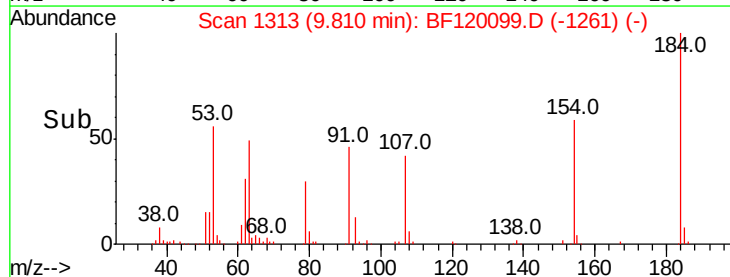
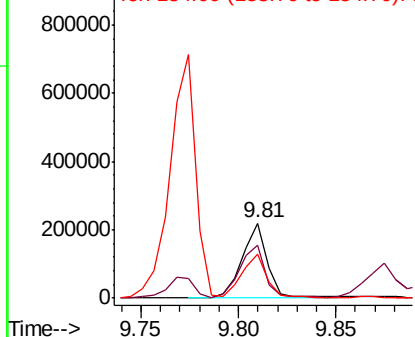


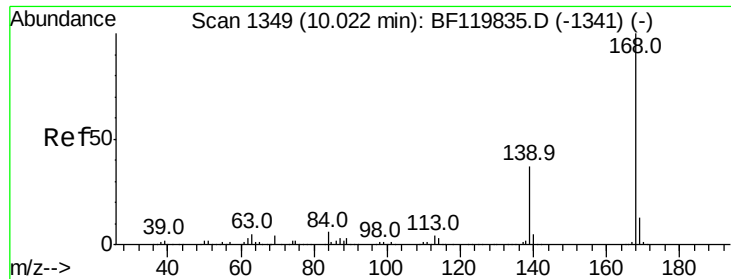
#54
2,4-Dinitrophenol
Concen: 84.520 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:184 Resp: 196752
Ion Ratio Lower Upper
184 100
63 70.7 49.8 74.6
154 59.0 46.5 69.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

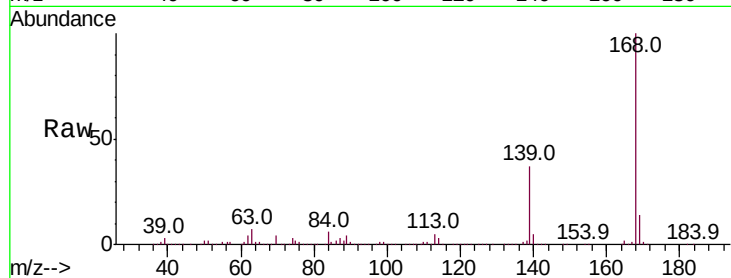




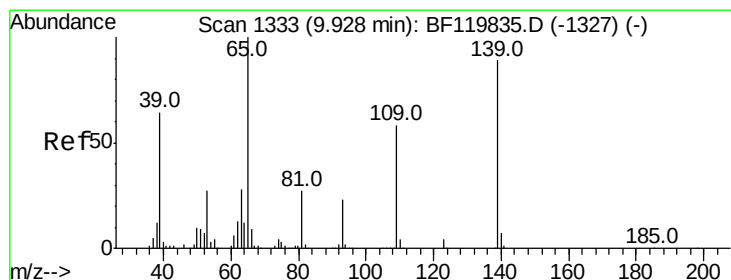
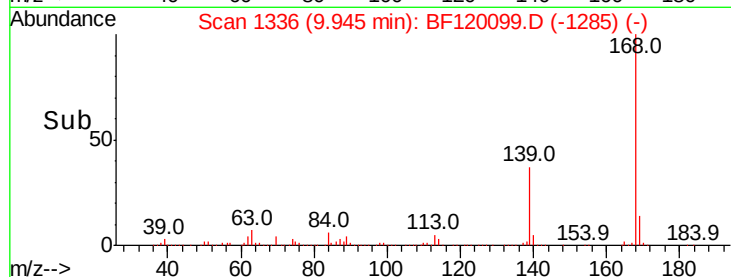
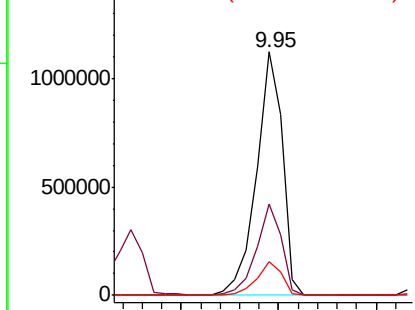
#55
Dibenzofuran
Concen: 49.709 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion:168 Resp: 1032902
Ion Ratio Lower Upper
168 100
139 37.4 29.8 44.6
169 13.8 10.6 15.8

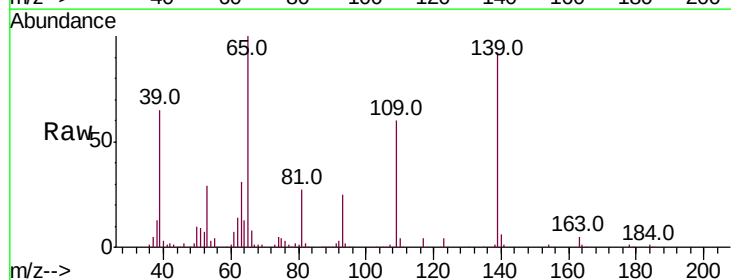


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

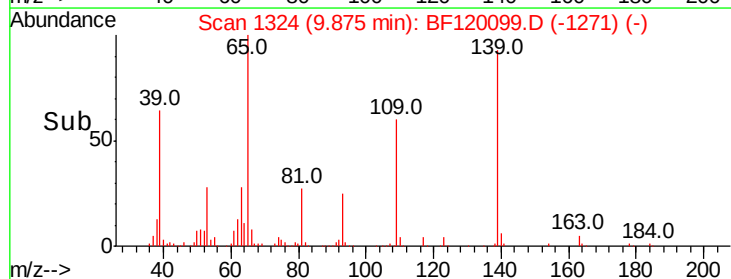
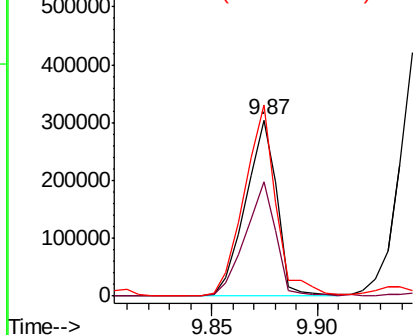


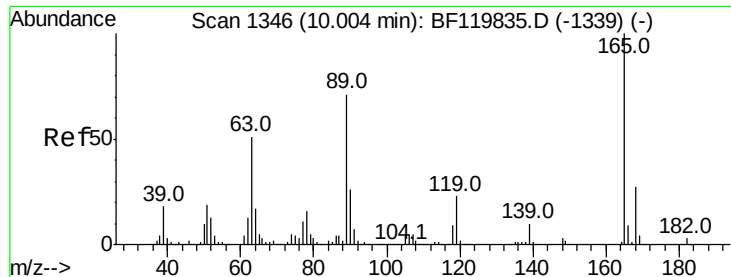
#56
4-Nitrophenol
Concen: 94.976 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:139 Resp: 313811
Ion Ratio Lower Upper
139 100
109 64.6 45.5 85.5
65 108.3 92.3 132.3



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: 48.755 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

Tot Ion:165 Resp: 249761

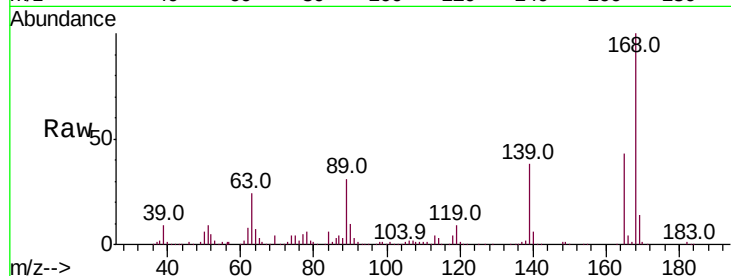
Ion Ratio Lower Upper

165 100

63 55.2 40.8 61.2

89 70.5 56.9 85.3

182 2.6 2.0 3.0

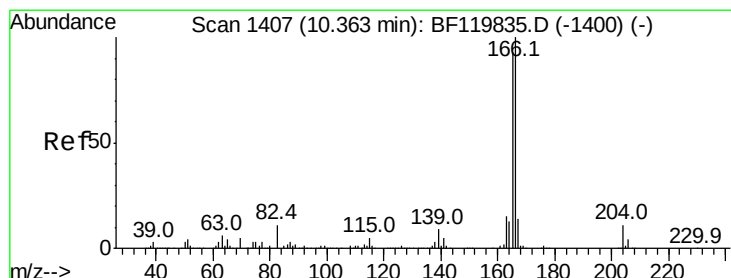
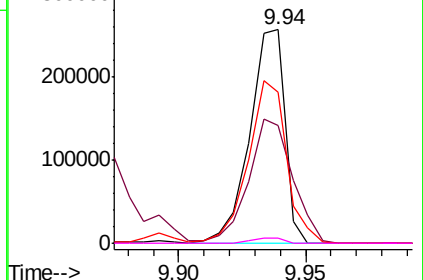
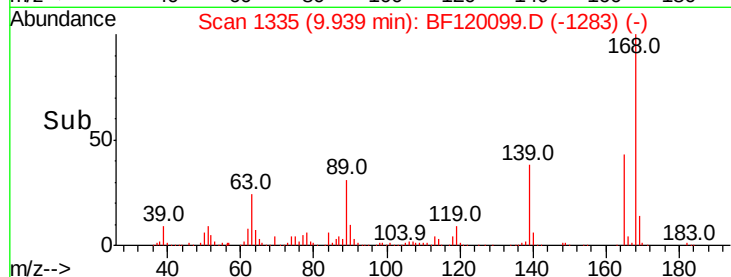


Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.167 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

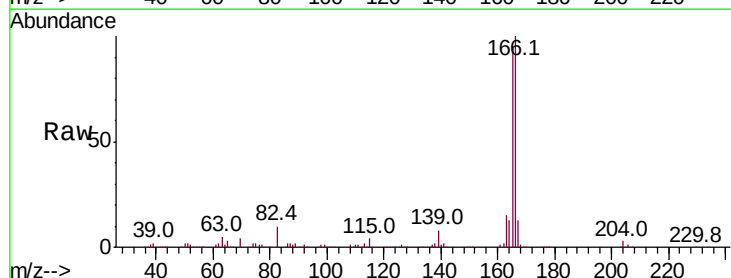
Tgt Ion:166 Resp: 817045

Ion Ratio Lower Upper

166 100

165 94.5 74.2 111.2

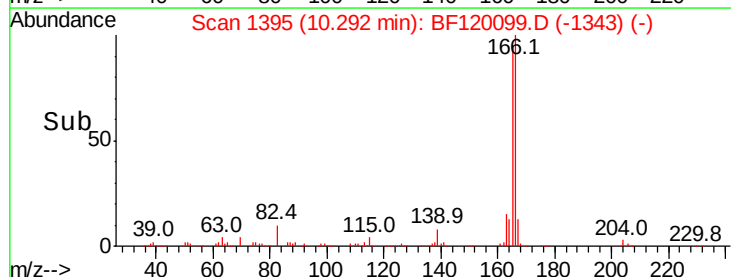
167 13.3 10.8 16.2



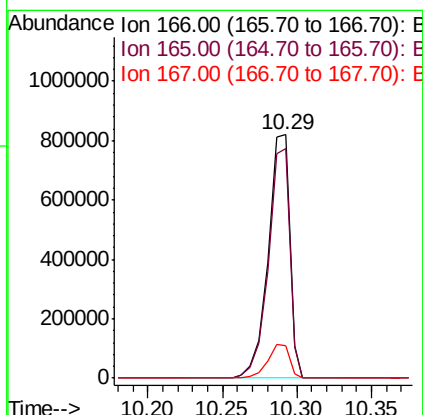
Abundance Ion 166.00 (165.70 to 166.70): E

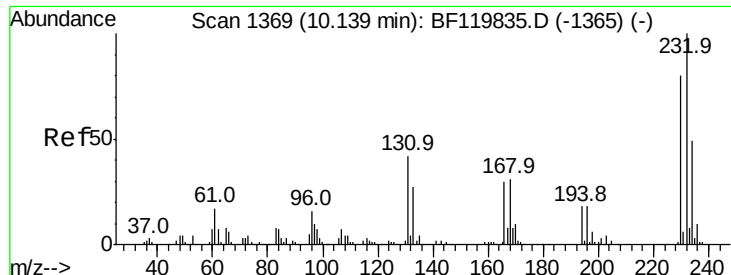
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

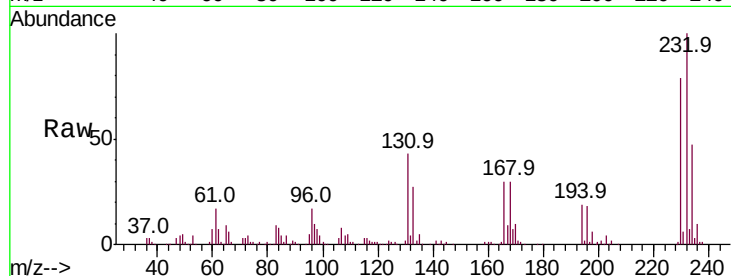




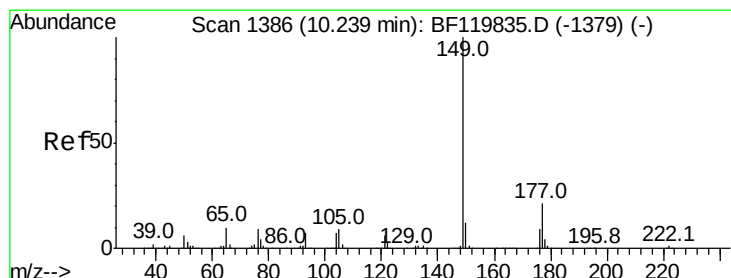
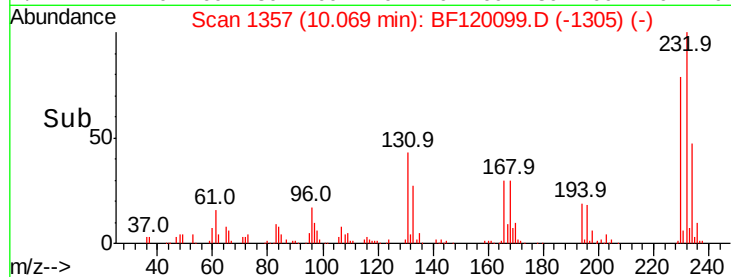
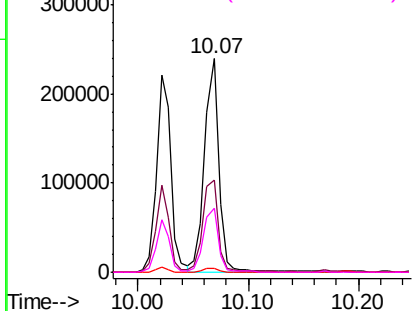
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.357 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion:	232	Resp:	208554
Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.9	56.9
130	2.0	1.8	2.6
166	32.6	25.4	38.0

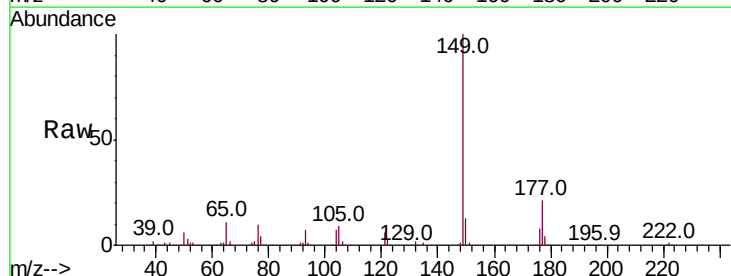


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

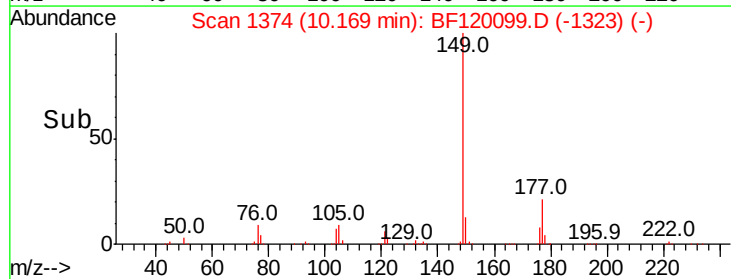
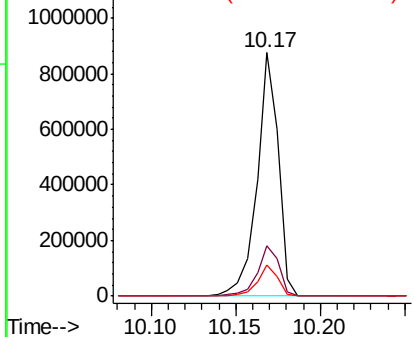


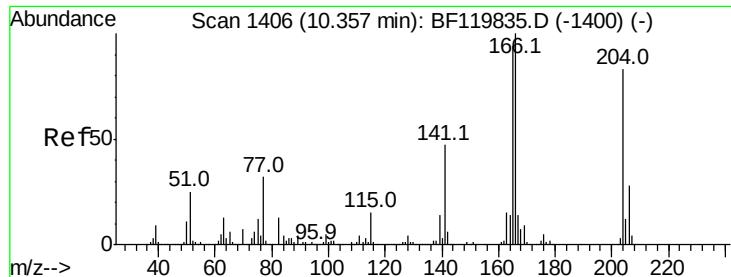
#60
 Diethylphthalate
 Concen: 41.662 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion:	149	Resp:	766681
Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.8	25.2
150	13.0	9.8	14.6



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

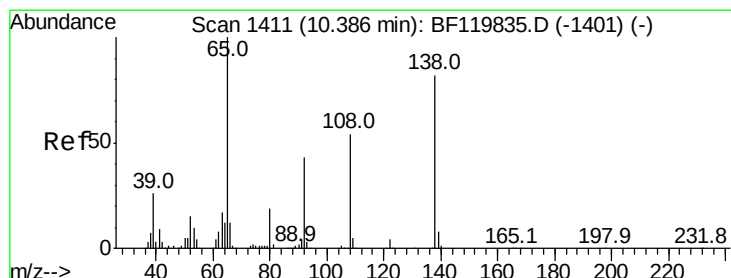
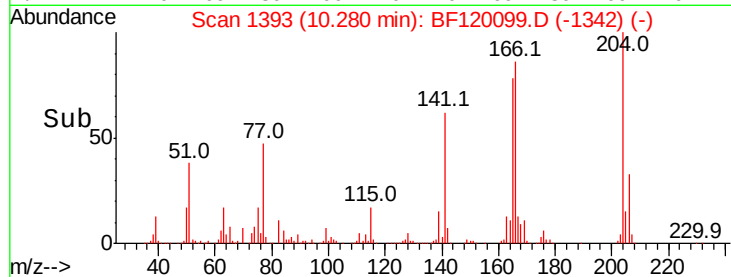
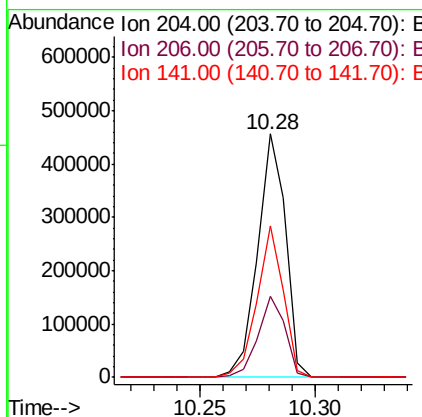
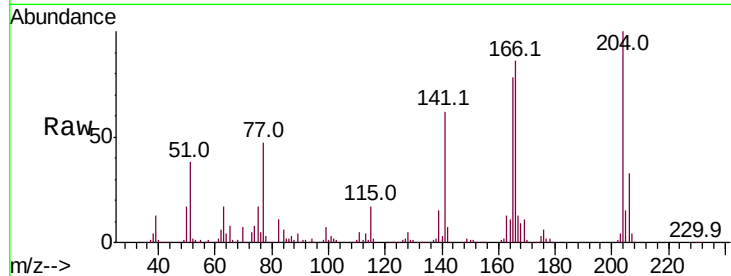




#61
 4-Chlorophenyl-phenylether
 Concen: 45.332 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

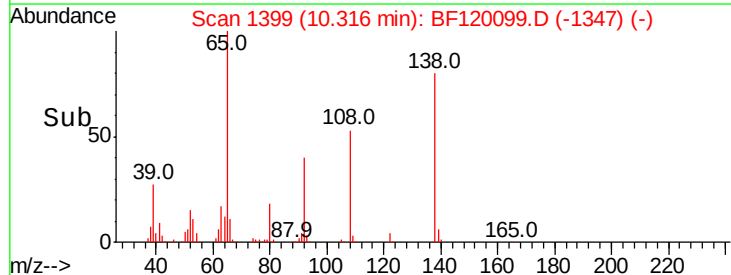
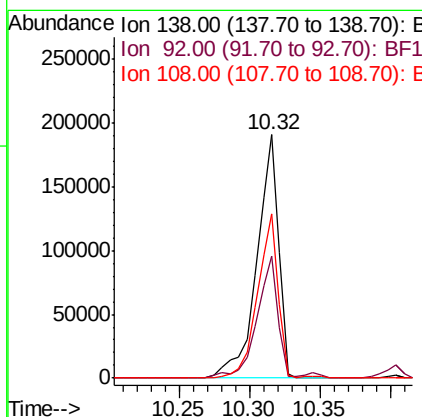
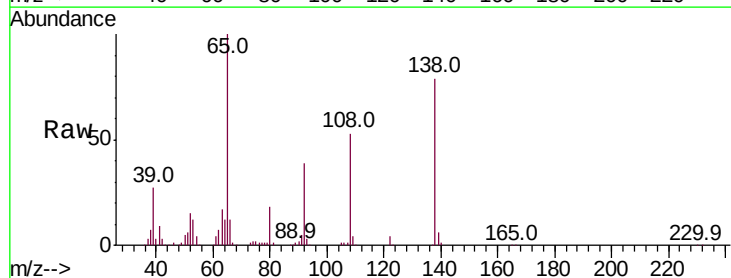
Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

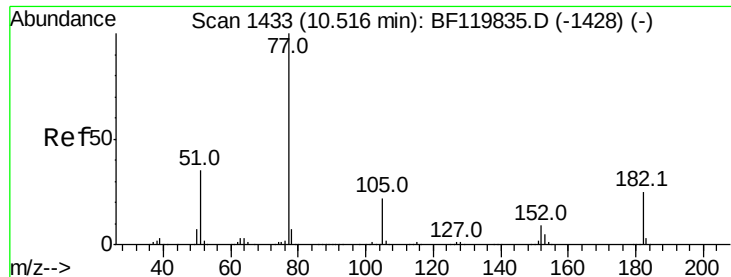
Tot Ion:	204	Resp:	386104
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	62.1	45.8	68.8



#62
 4-Nitroaniline
 Concen: 49.211 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion:	138	Resp:	208262
Ion	Ratio	Lower	Upper
138	100		
92	50.1	31.6	71.6
108	67.2	45.2	85.2





#63

Azobenzene

Concen: 48.903 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

Tot Ion: 77 Resp: 806516

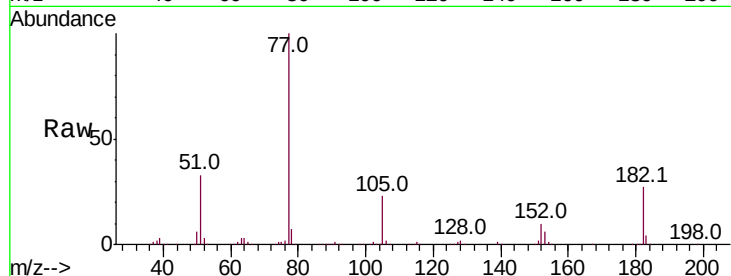
Ion Ratio Lower Upper

77 100

182 27.5 4.5 44.5

105 23.2 2.2 42.2

51 33.4 15.1 55.1

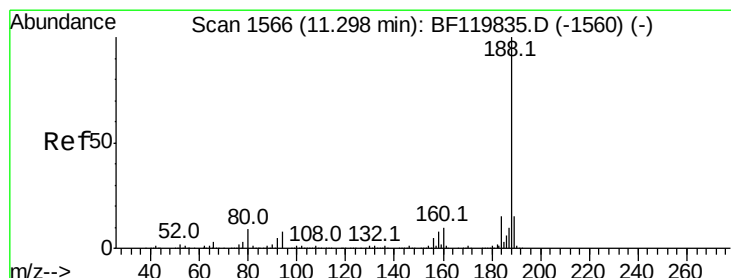
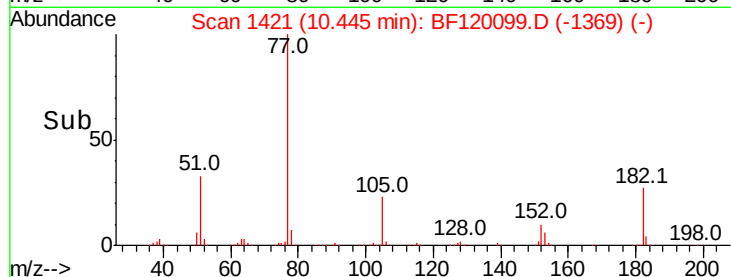
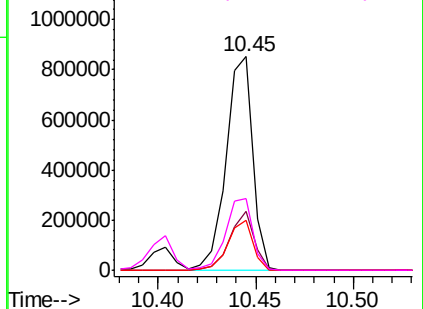


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.22 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

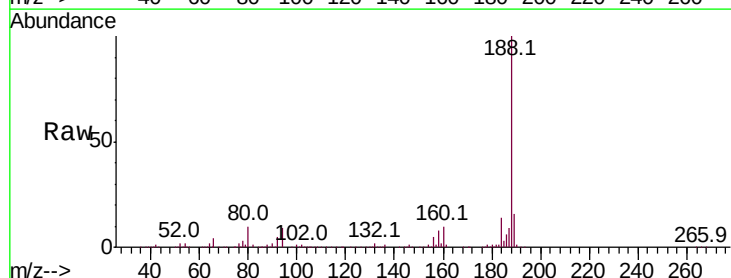
Tgt Ion: 188 Resp: 409116

Ion Ratio Lower Upper

188 100

94 9.0 6.7 10.1

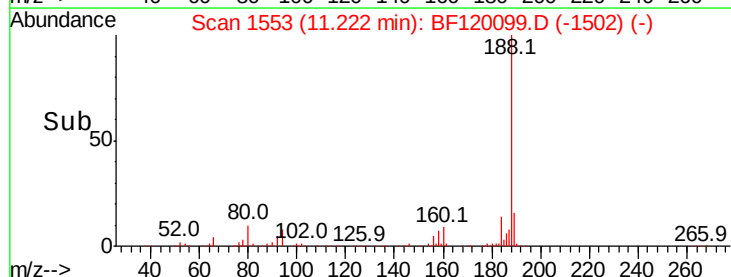
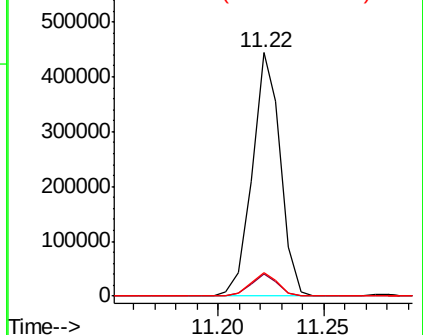
80 9.8 7.4 11.2

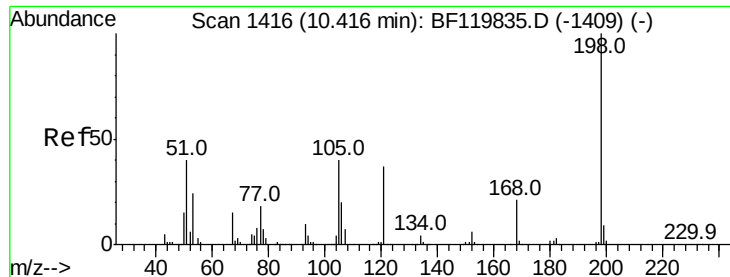


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 53.870 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

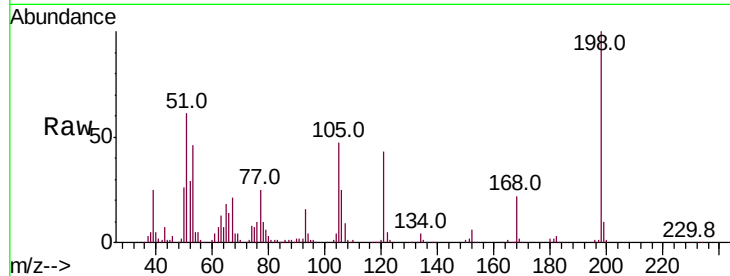
Tot Ion:198 Resp: 145196

Ion Ratio Lower Upper

198 100

51 60.7 25.2 65.2

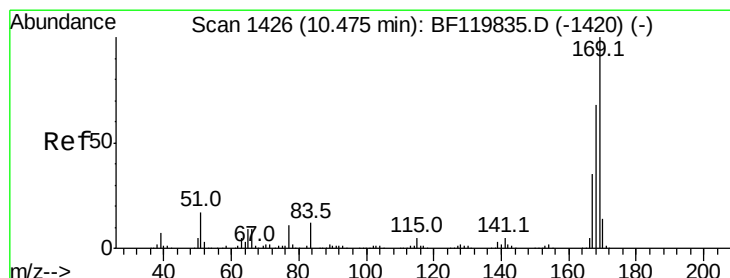
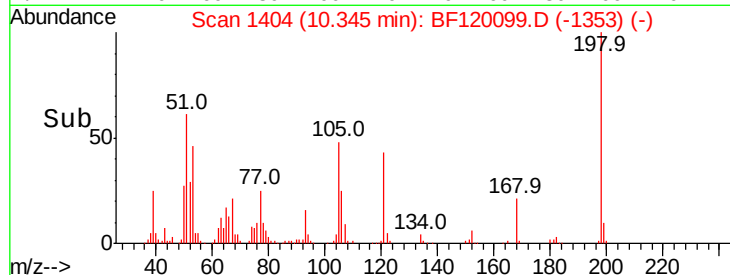
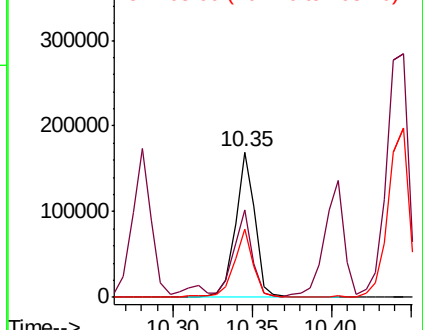
105 47.4 20.8 60.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 53.912 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

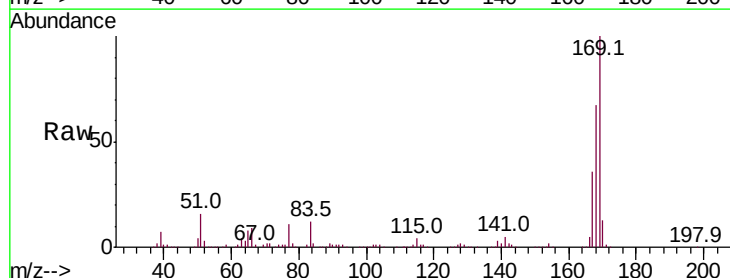
Tgt Ion:169 Resp: 733531

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.4

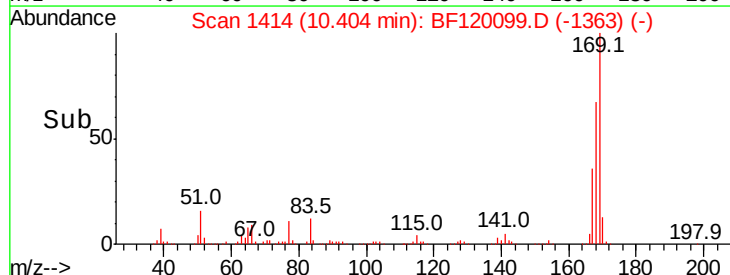
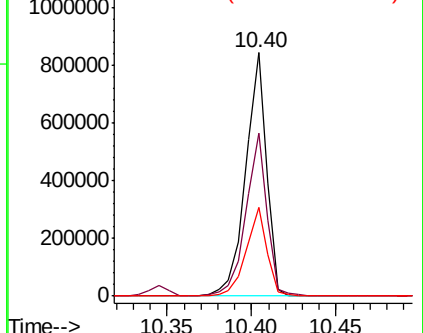
167 36.3 28.3 42.5

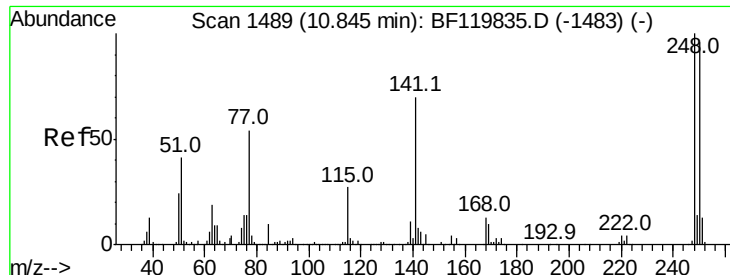


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

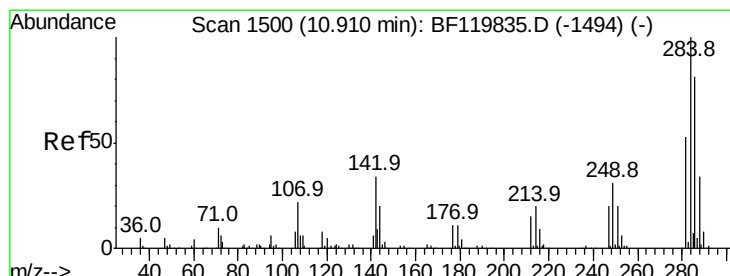
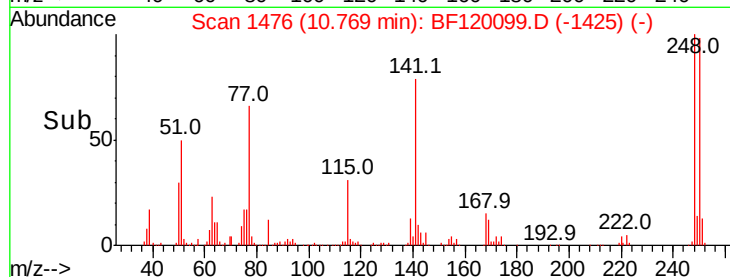
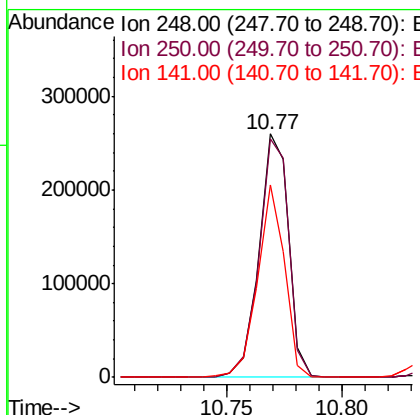
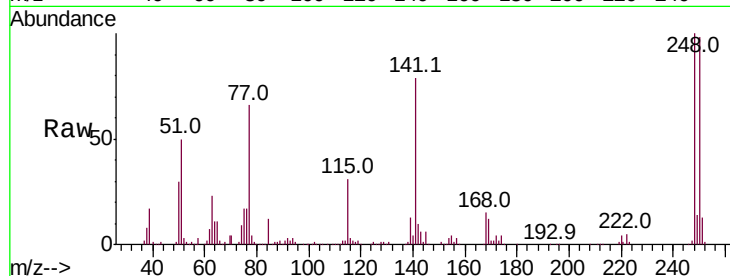




#67
 4-Bromophenyl-phenylether
 Concen: 45.478 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

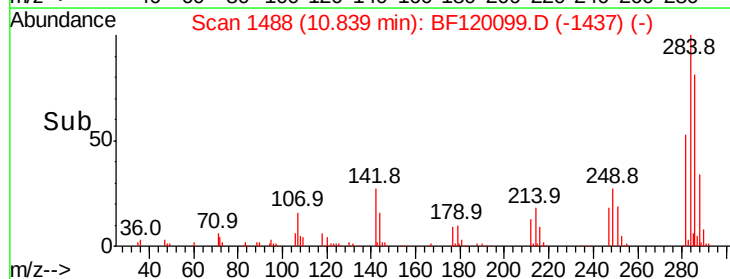
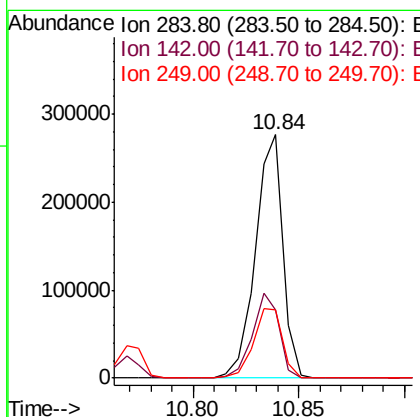
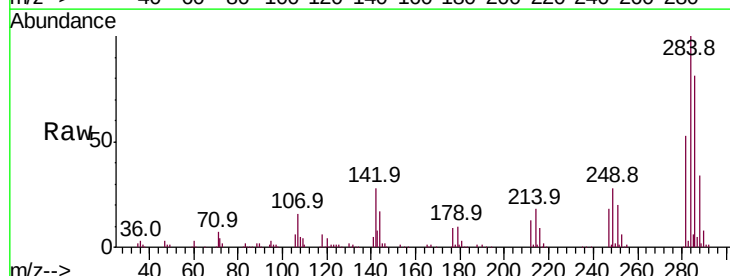
Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

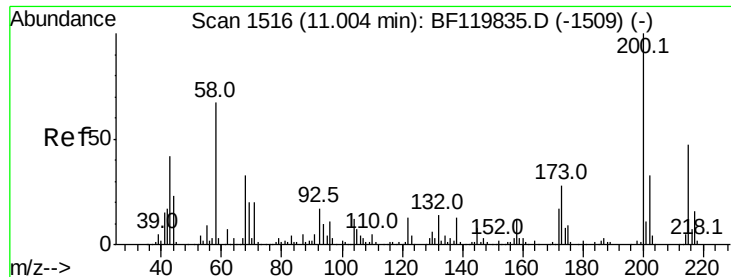
Tot Ion:248 Resp: 231381
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.6 114.8
 141 79.3 55.9 83.9



#68
 Hexachlorobenzene
 Concen: 48.448 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion:284 Resp: 250054
 Ion Ratio Lower Upper
 284 100
 142 28.2 26.9 40.3
 249 28.1 24.6 37.0

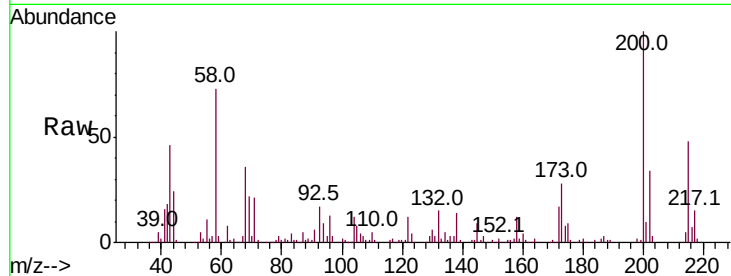




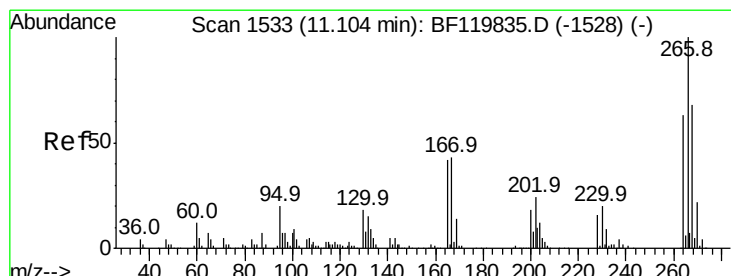
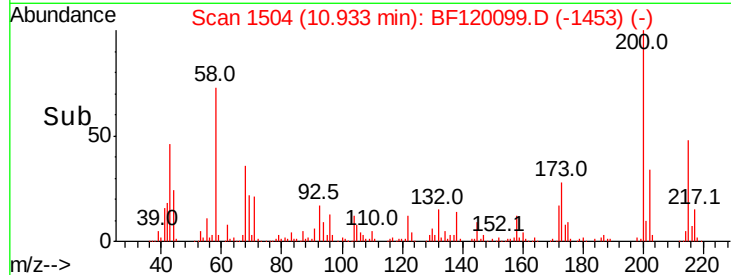
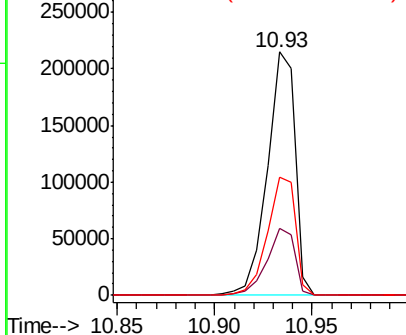
#69
Atrazine
Concen: 56.150 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.0	48.0
215	48.5	27.1	67.1

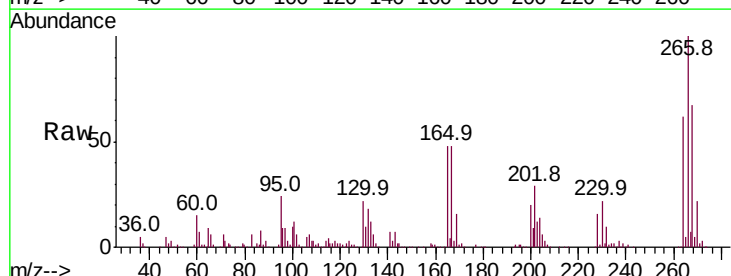


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

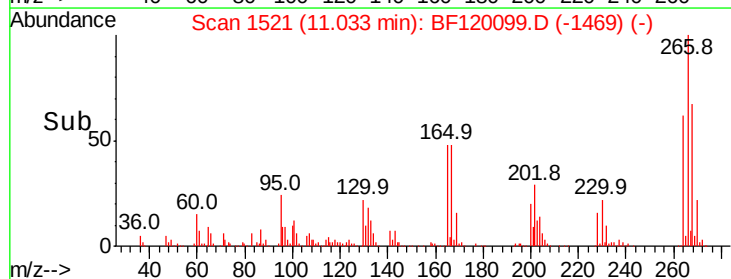
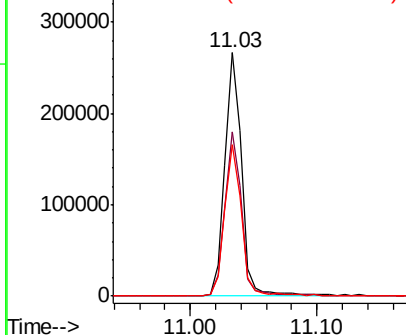


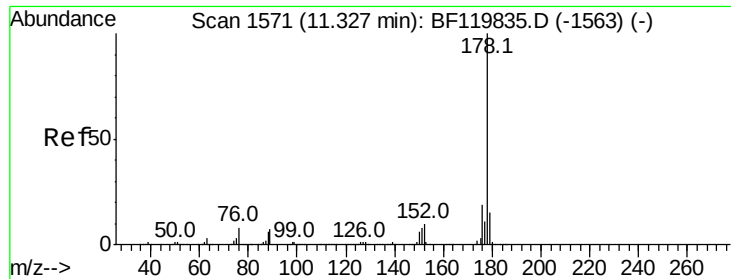
#70
Pentachlorophenol
Concen: 82.608 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.5	54.2	81.4
264	62.2	50.6	76.0



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

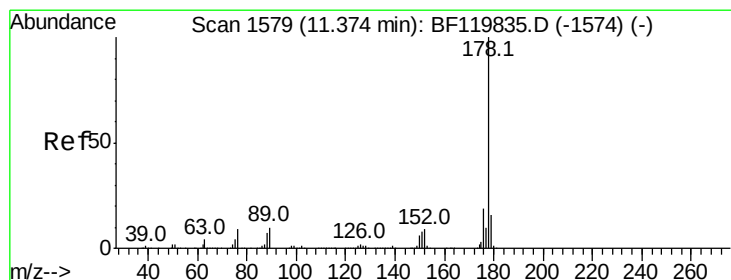
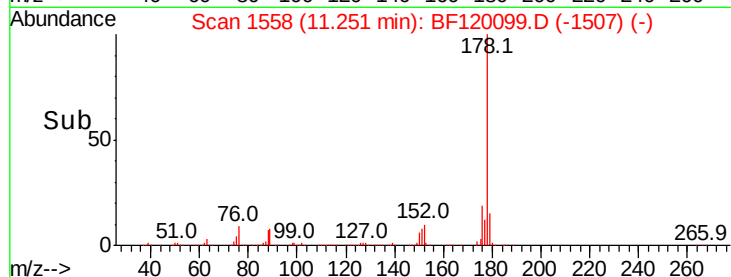
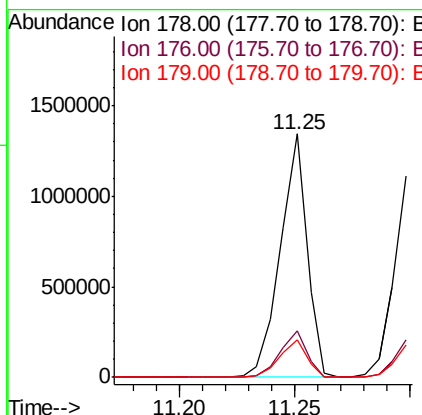
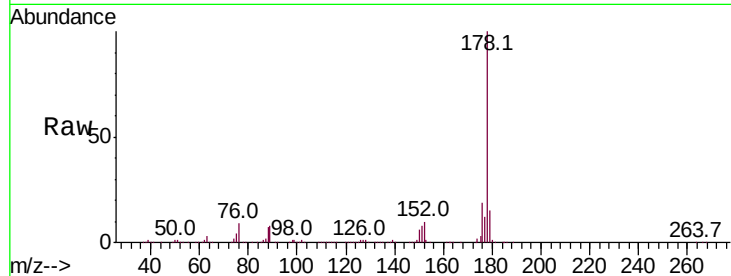




#71
Phenanthrene
Concen: 49.626 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

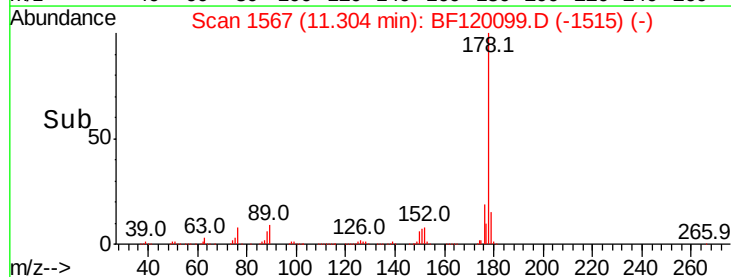
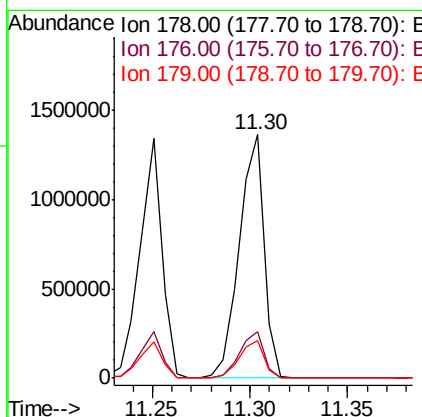
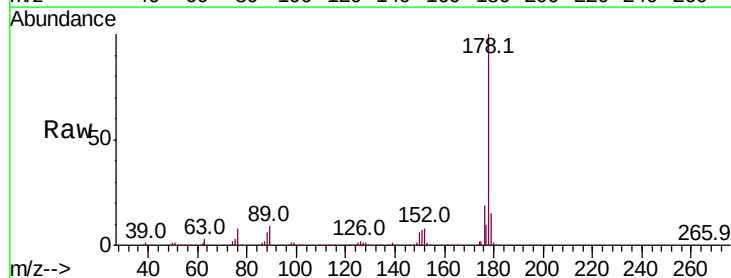
Instrument :
BNA_F
ClientSampleId :
PB128301BS

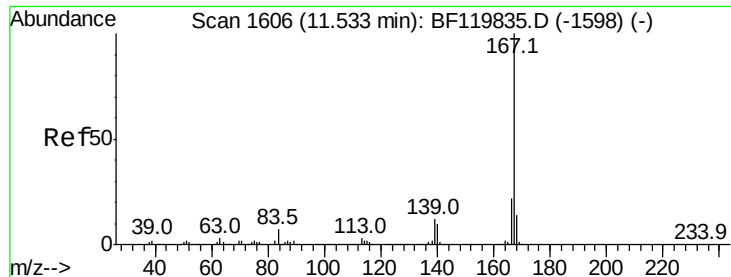
Tot Ion:178 Resp: 1080540
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.3 12.2 18.4



#72
Anthracene
Concen: 54.152 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:178 Resp: 1204510
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.3 12.8 19.2

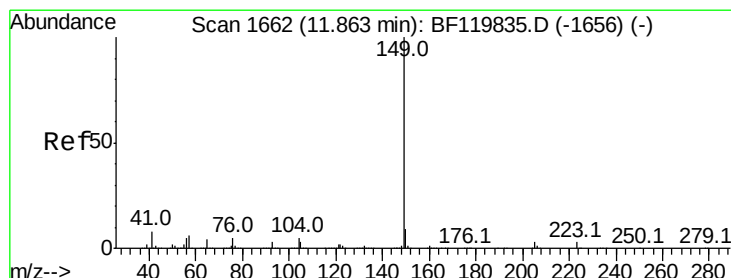
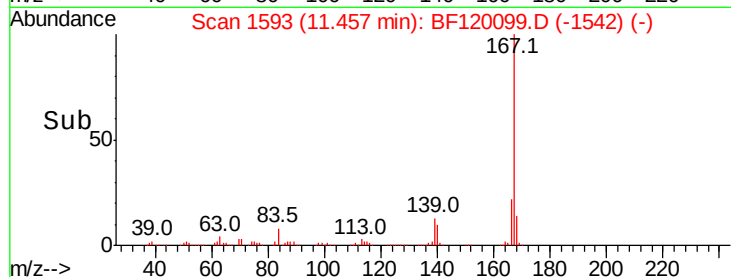
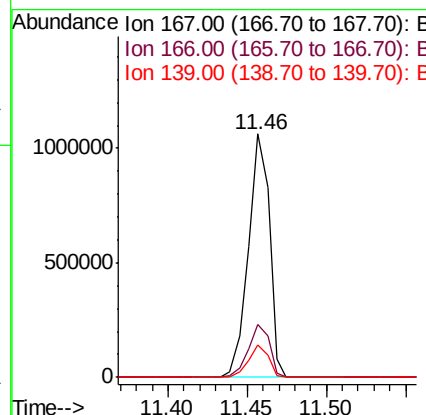
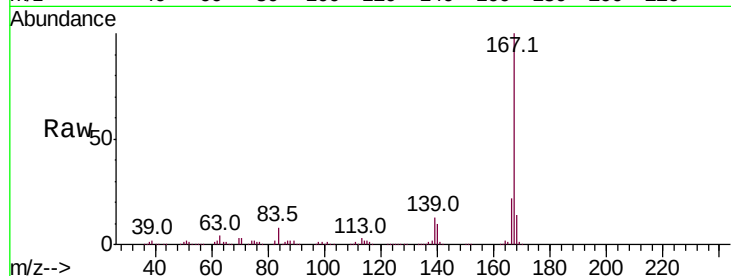




#73
 Carbazole
 Concen: 46.362 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

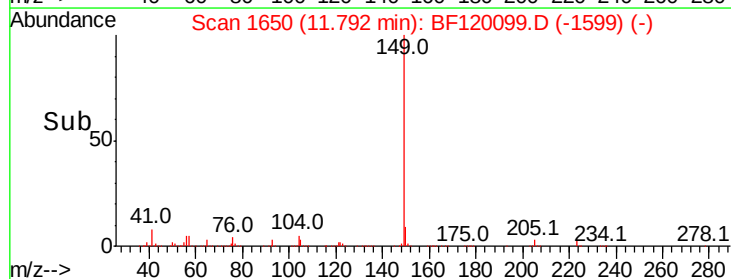
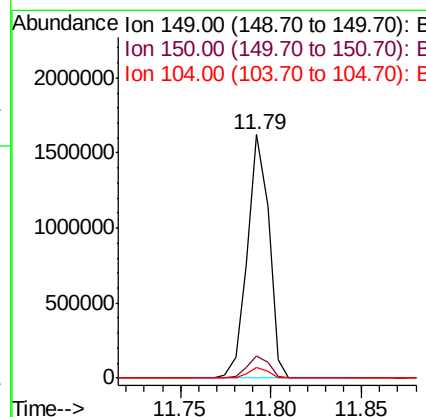
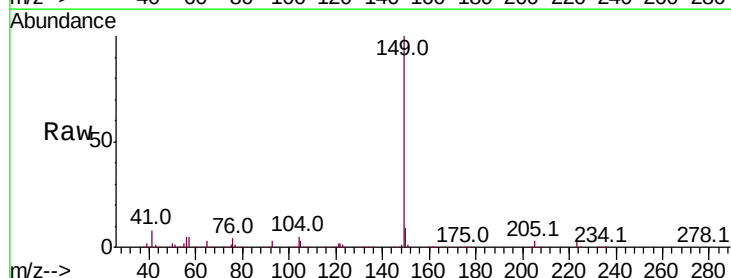
Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

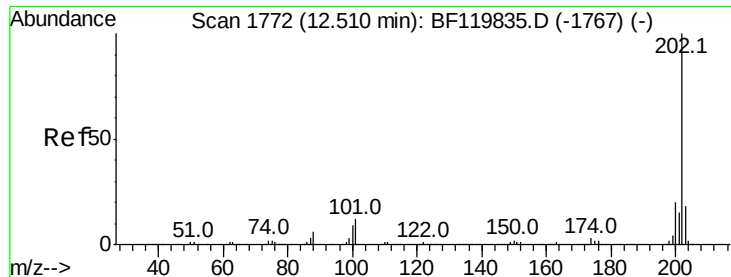
Tot Ion:167 Resp: 975213
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.1 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 48.594 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion:149 Resp: 1343720
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 4.6 3.8 5.6

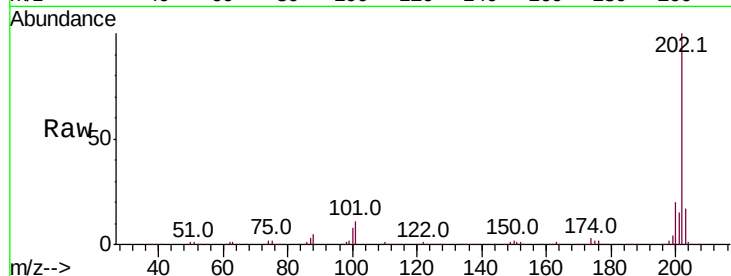




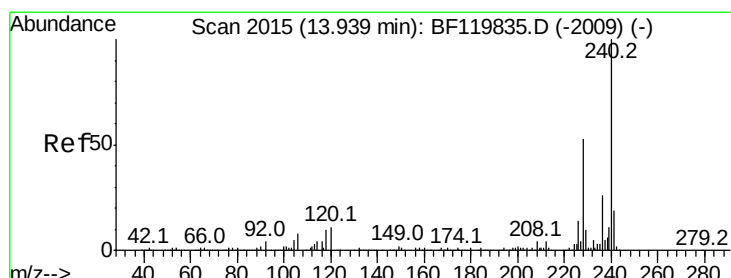
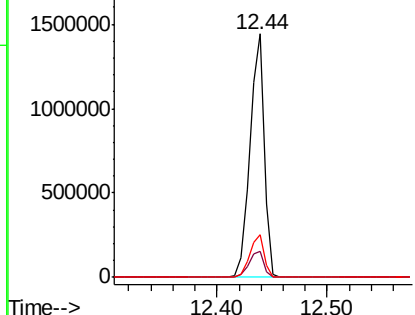
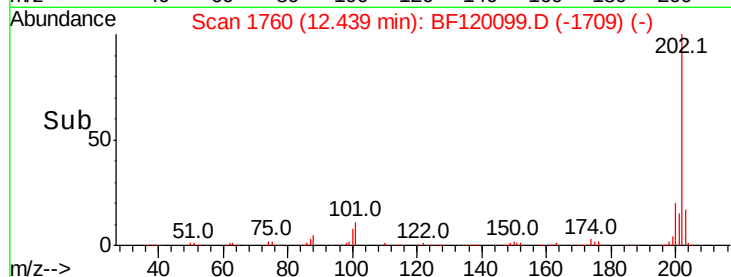
#75
 Fluoranthene
 Concen: 55.755 ng
 RT: 12.44 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion:202 Resp: 1309885
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 32.3
 203 17.4 0.0 37.6

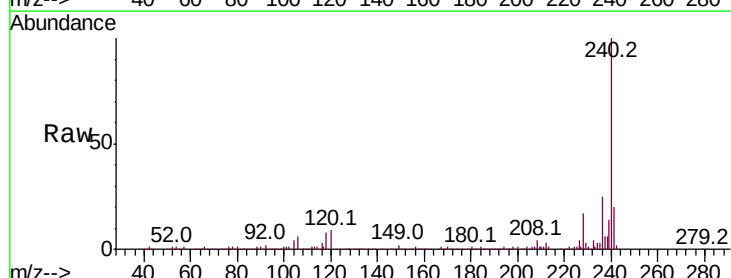


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

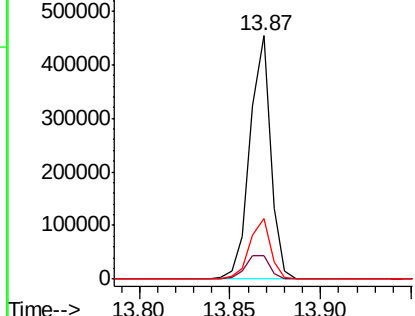
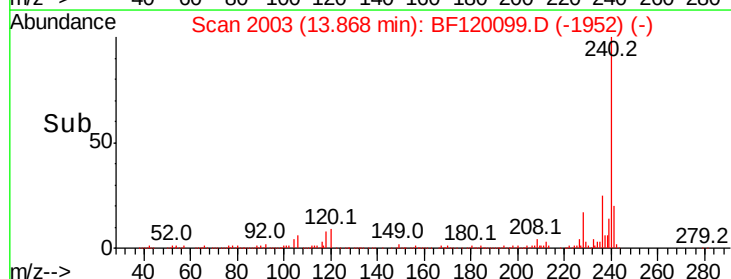


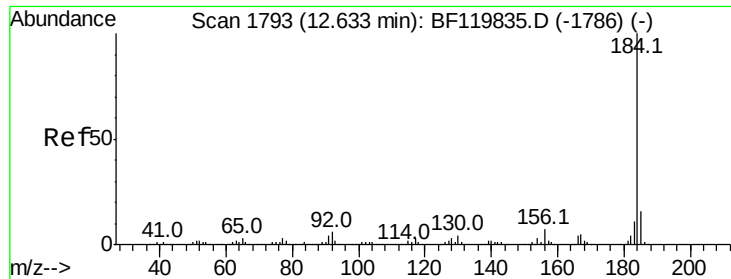
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion:240 Resp: 361126
 Ion Ratio Lower Upper
 240 100
 120 9.5 9.0 13.6
 236 25.1 20.7 31.1



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: 42.382 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

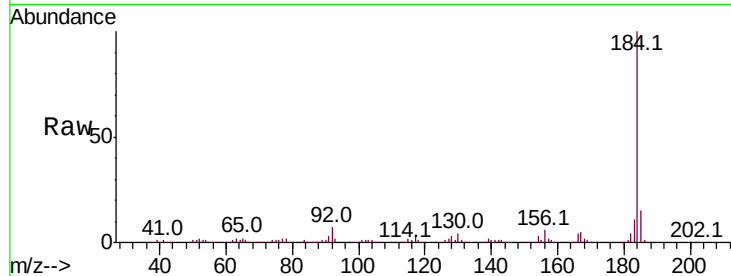
Tot Ion:184 Resp: 517364

Ion Ratio Lower Upper

184 100

185 14.7 13.2 19.8

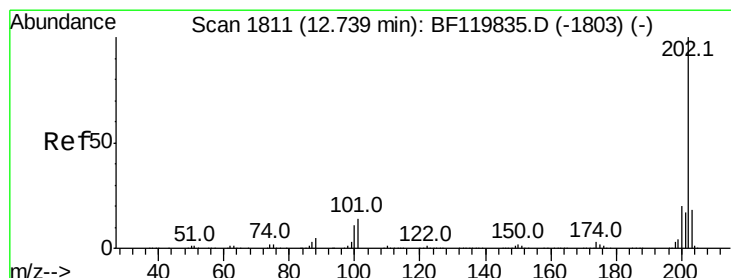
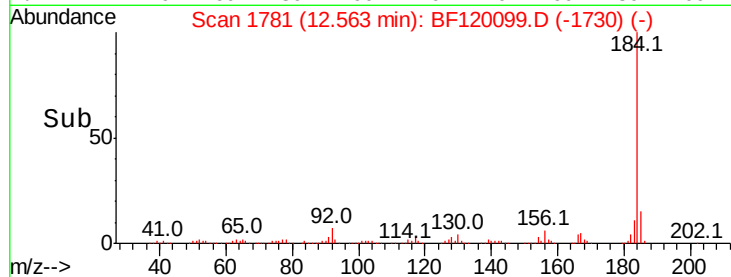
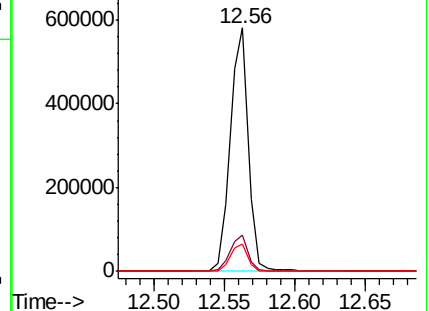
183 11.2 9.1 13.7



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: 44.067 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

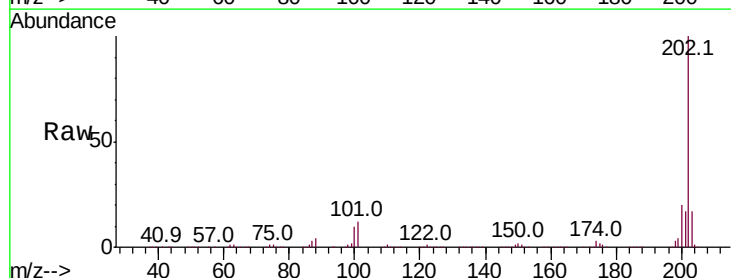
Tgt Ion:202 Resp: 1341567

Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

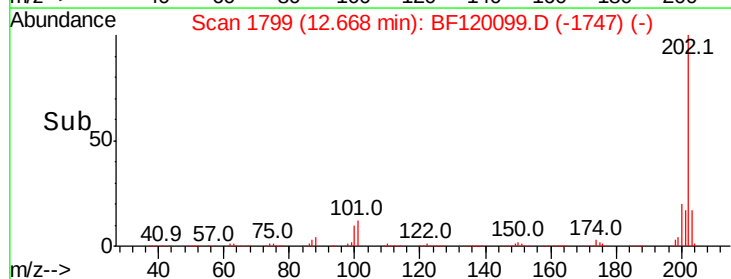
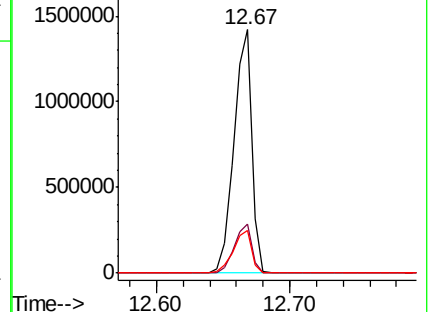
203 17.3 14.1 21.1

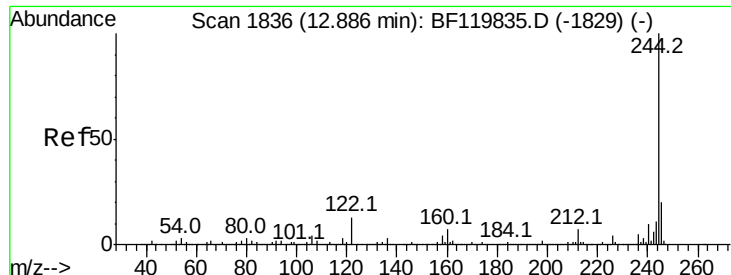


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.605 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

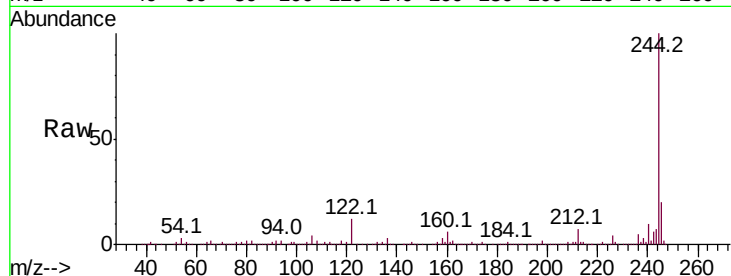
Tot Ion:244 Resp: 1686997

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

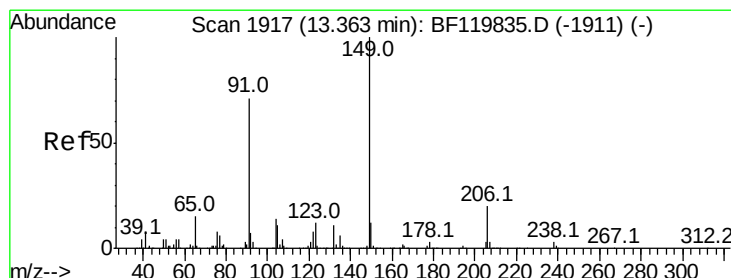
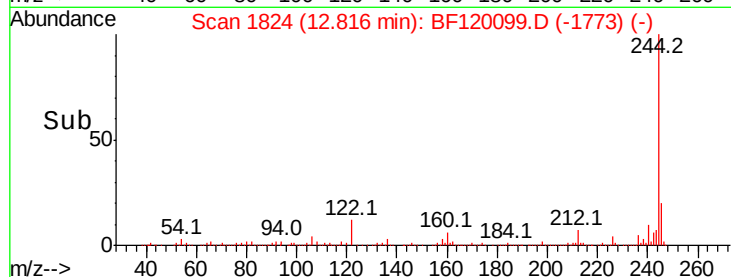
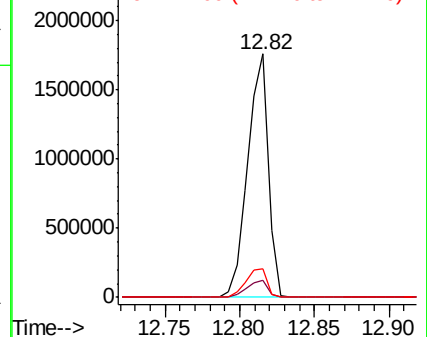
122 11.9 10.3 15.5



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: 37.986 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

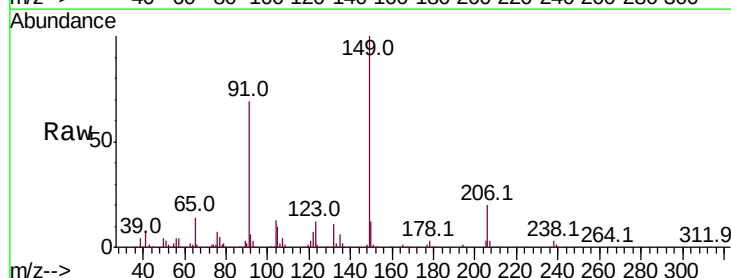
Tgt Ion:149 Resp: 561139

Ion Ratio Lower Upper

149 100

91 68.5 56.7 85.1

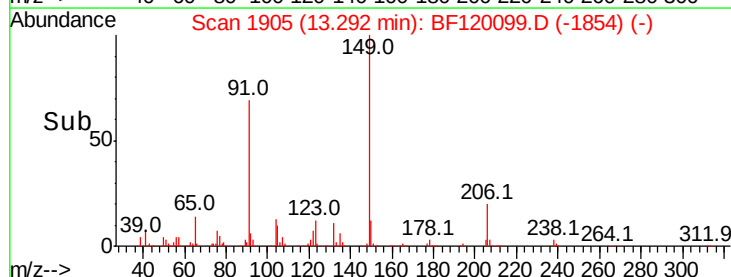
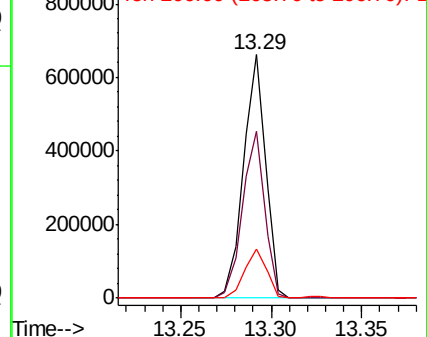
206 20.2 15.7 23.5

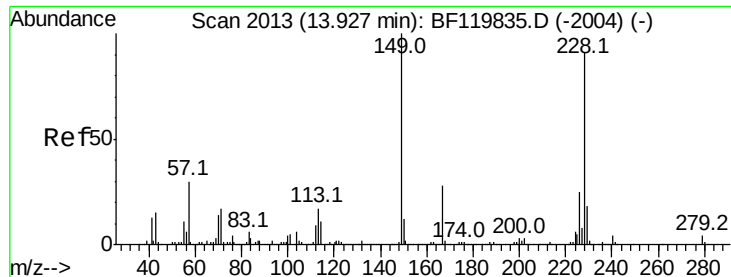


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.243 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

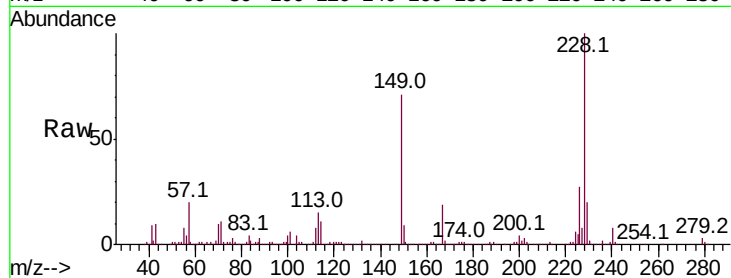
Tot Ion:228 Resp: 1098604

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

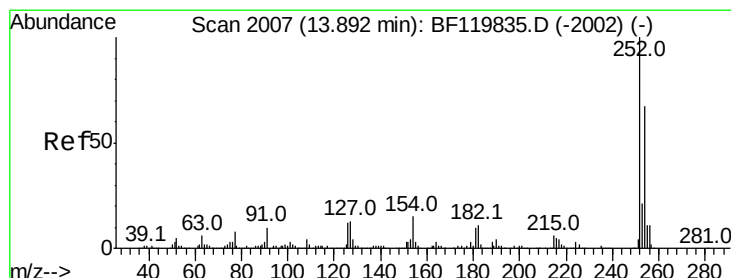
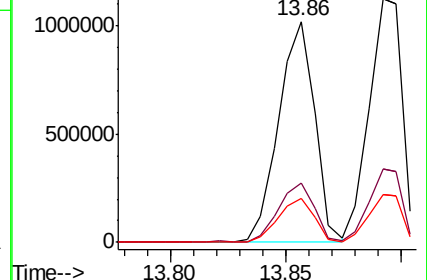
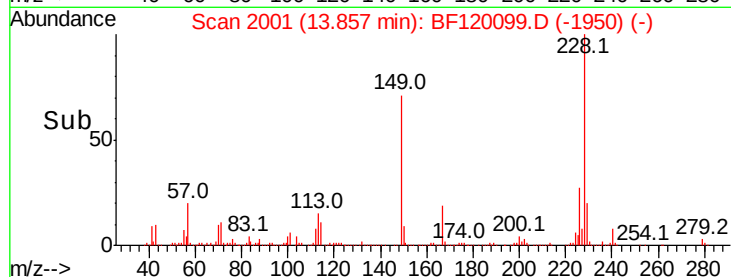
229 19.9 15.9 23.9



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: 24.343 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

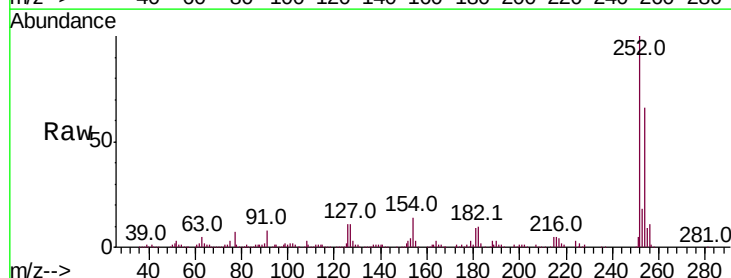
Tgt Ion:252 Resp: 215783

Ion Ratio Lower Upper

252 100

254 66.5 53.9 80.9

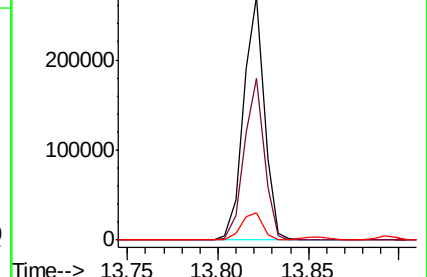
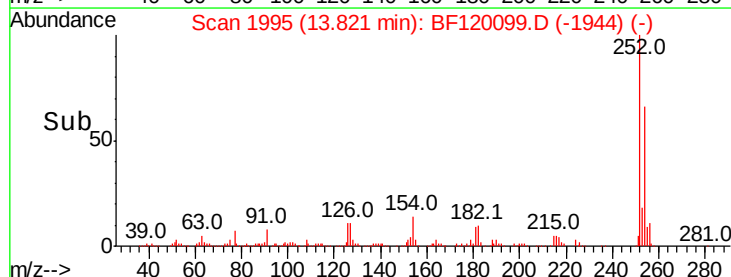
126 11.1 9.7 14.5

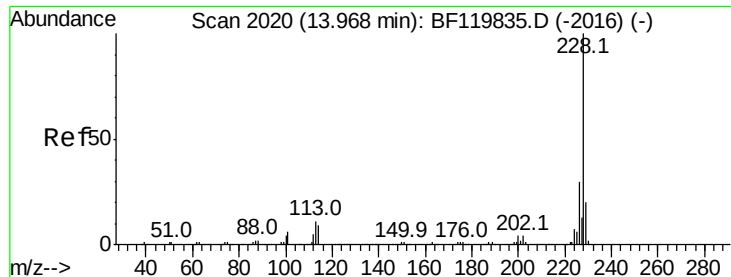


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.375 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

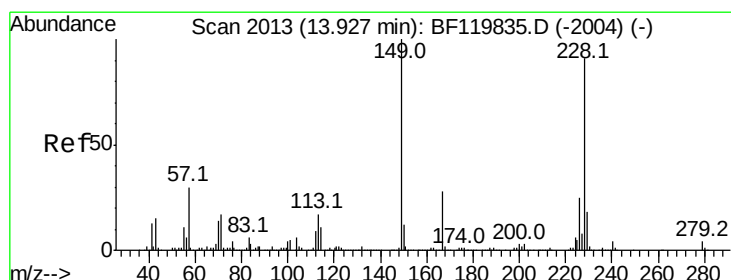
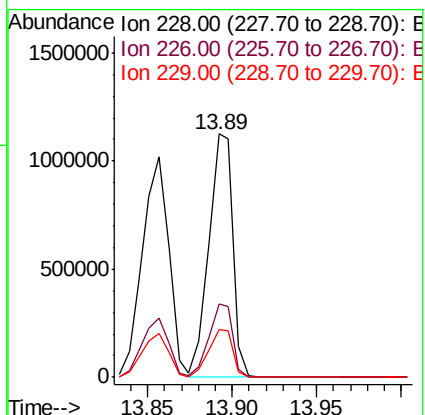
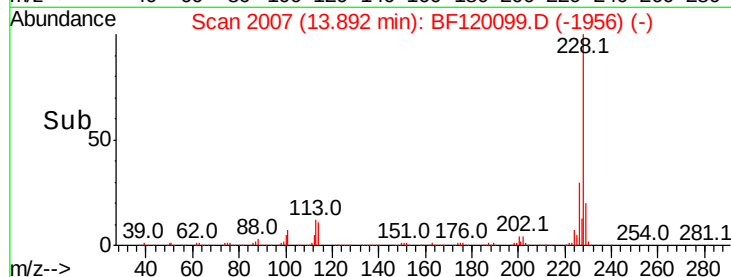
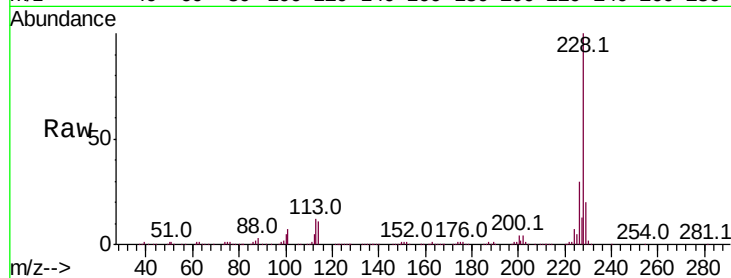
BNA_F

ClientSampleId :

PB128301BS

Tot Ion:228 Resp: 1119457

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.6	15.9	23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.745 ng

RT: 13.85 min Scan# 2000

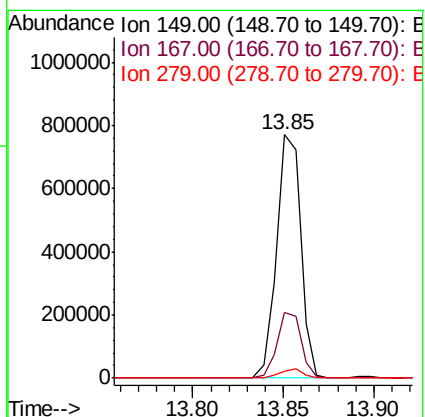
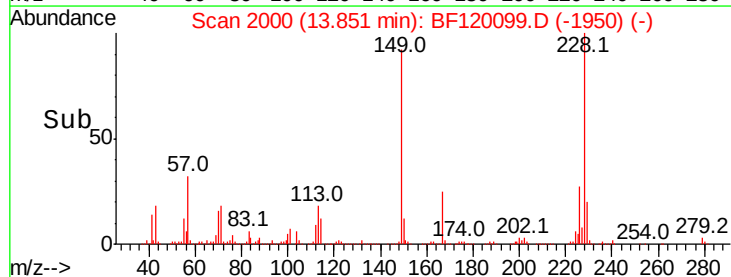
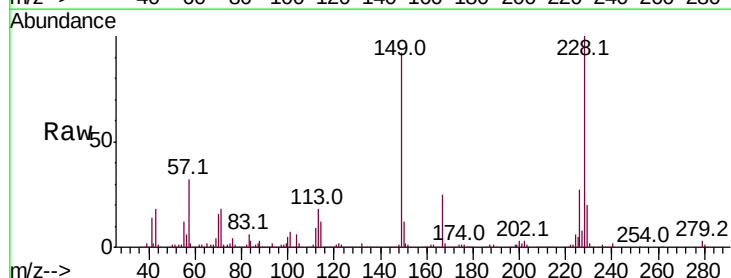
Delta R.T. -0.01 min

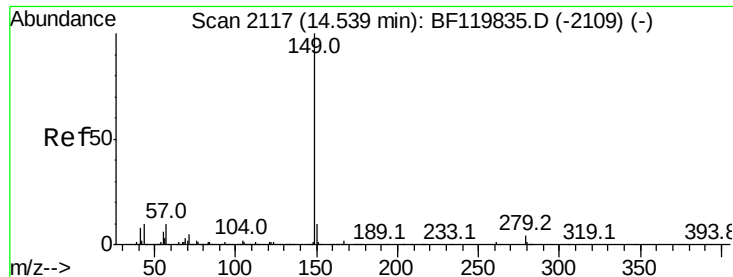
Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Tgt Ion:149 Resp: 715066

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.2
279	3.0	3.4	5.0#





#85

Di-n-octyl phthalate

Concen: 37.179 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

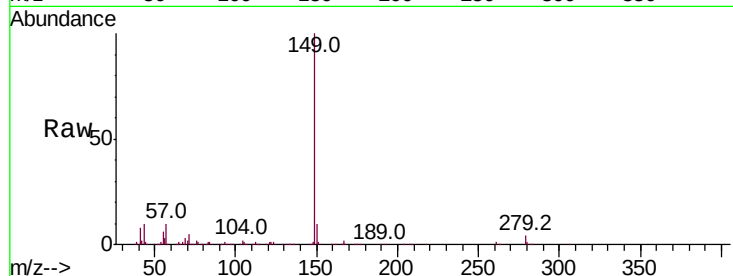
Tot Ion:149 Resp: 1266356

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

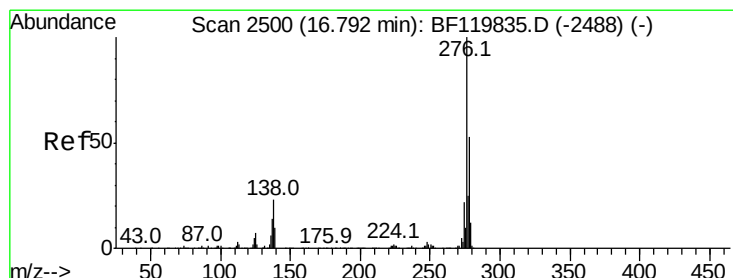
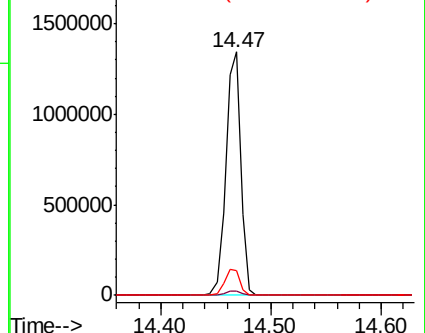
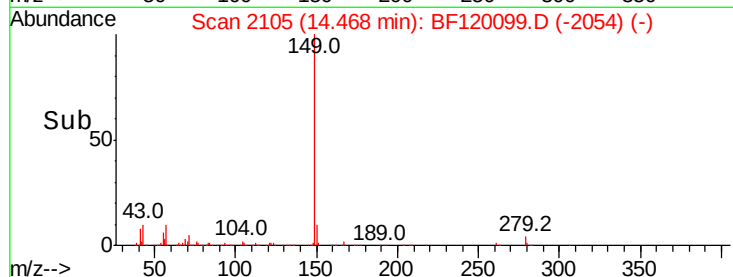
43 11.0 9.2 13.8



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: 42.257 ng

RT: 16.66 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

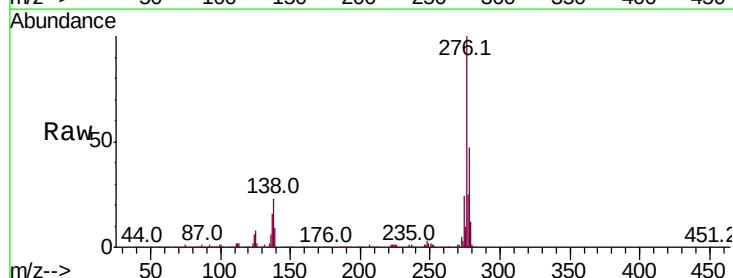
Tgt Ion:276 Resp: 899182

Ion Ratio Lower Upper

276 100

138 24.6 18.0 27.0

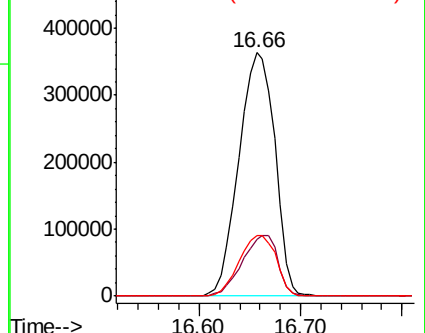
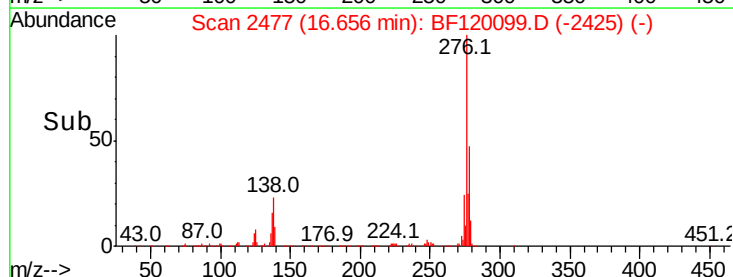
277 25.4 20.1 30.1

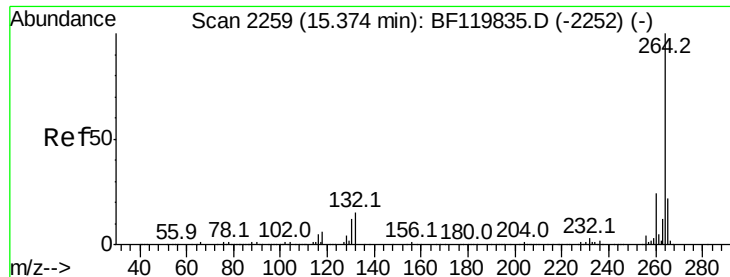


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



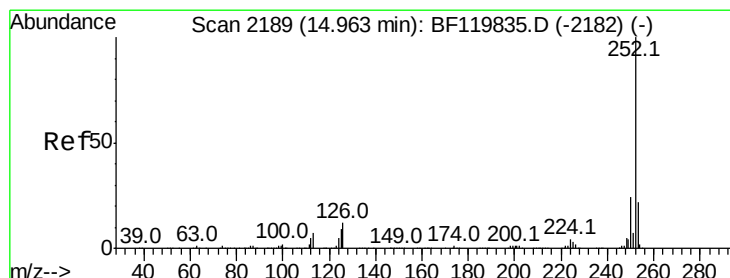
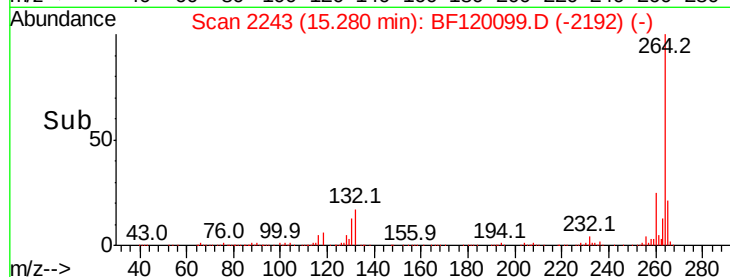
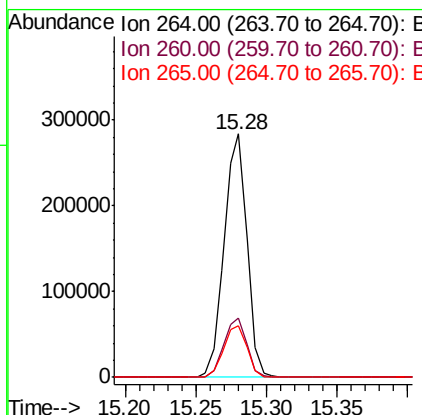
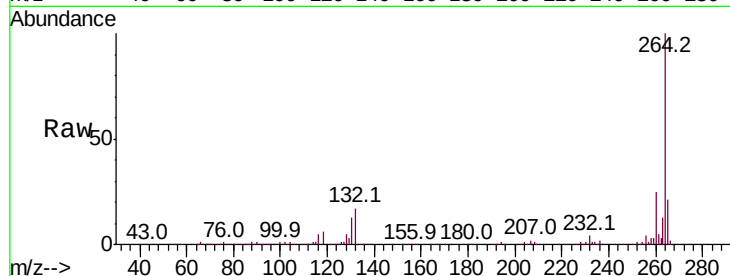


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion:264 Resp: 318169

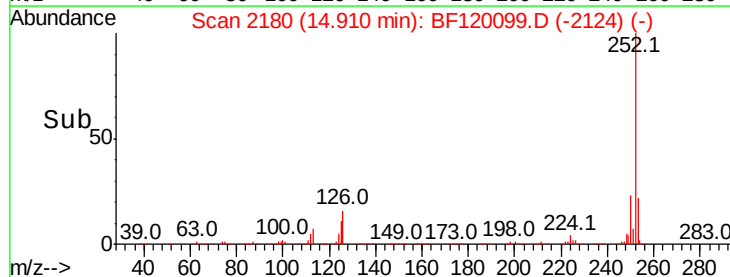
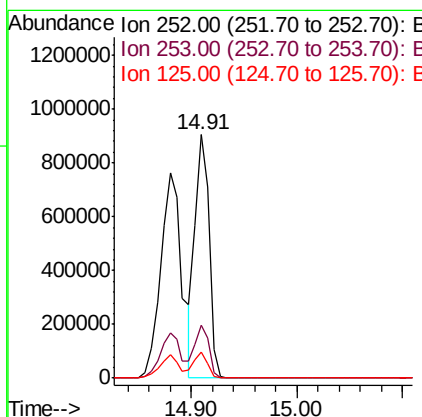
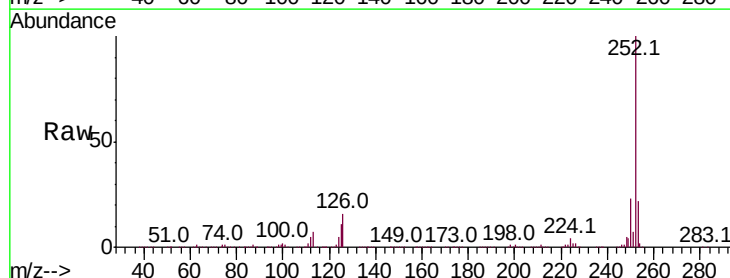
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	21.2	17.6	26.4

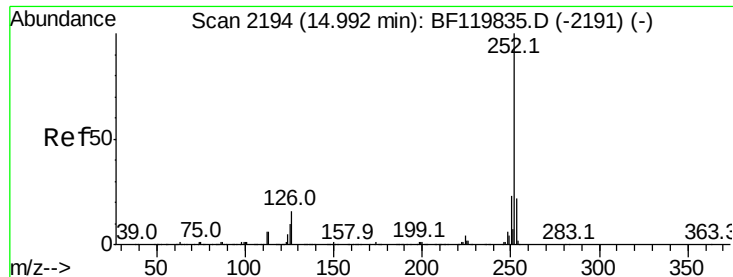


#88
Benzo(b)fluoranthene
Concen: 35.773 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.03 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:252 Resp: 818783

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.9	7.4	11.2

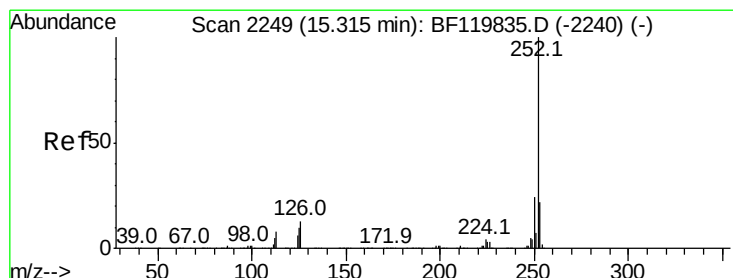
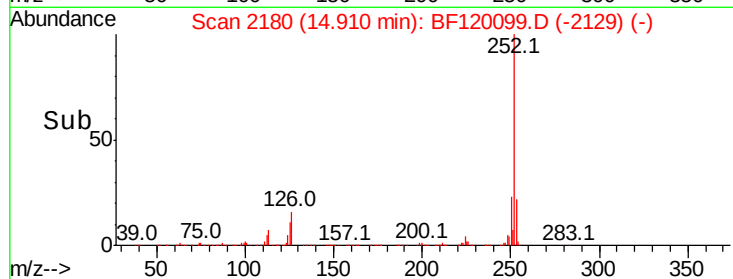
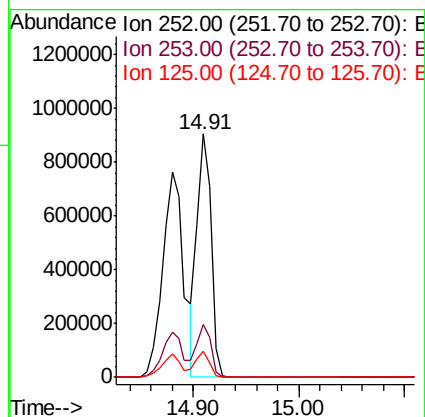
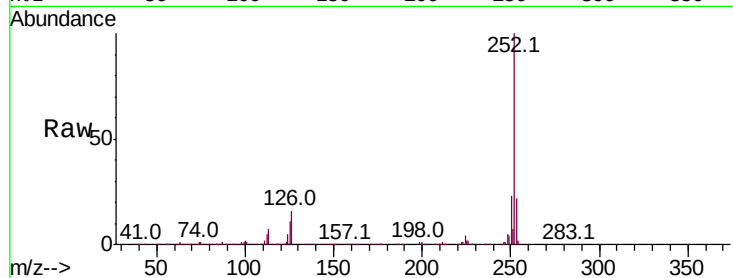




#89
Benzo(k)fluoranthene
Concen: 41.461 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

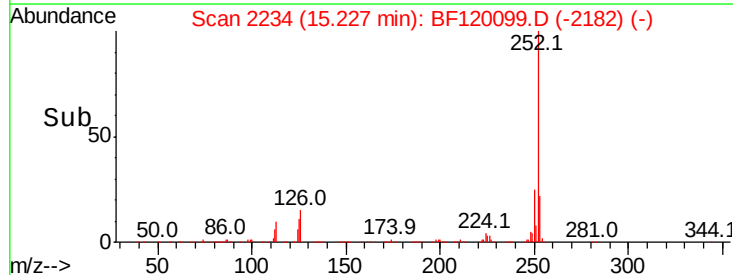
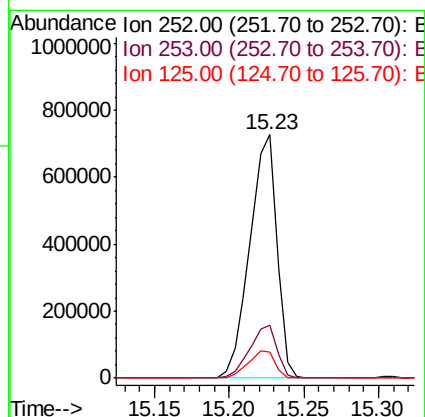
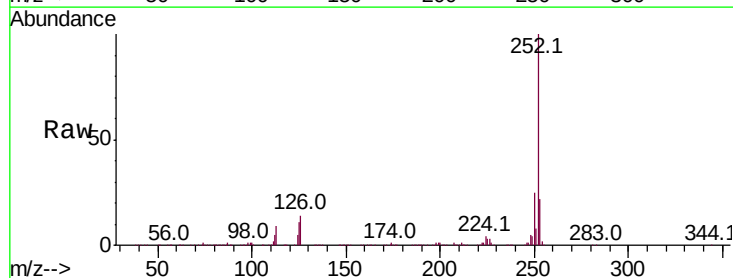
Instrument :
BNA_F
ClientSampleId :
PB128301BS

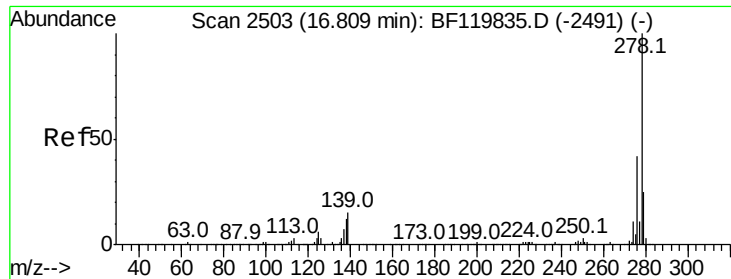
Tot Ion:252 Resp: 818783
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 10.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 47.397 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:252 Resp: 912128
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.5 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 43.524 ng

RT: 16.67 min Scan# 2480

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

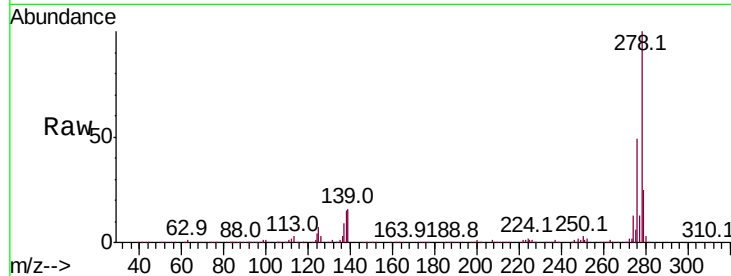
Tot Ion:278 Resp: 741941

Ion Ratio Lower Upper

278 100

139 16.2 11.6 17.4

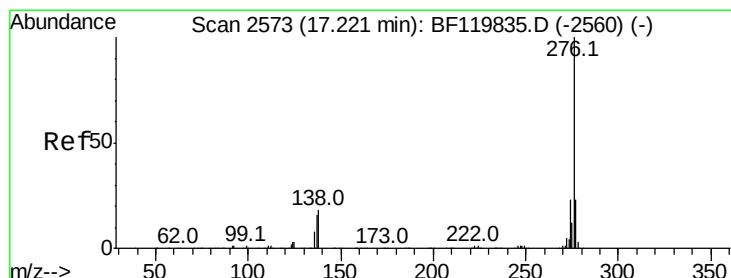
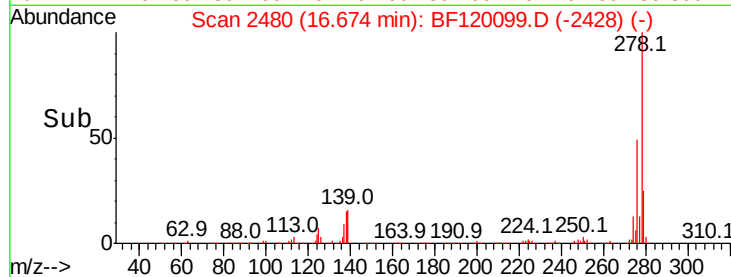
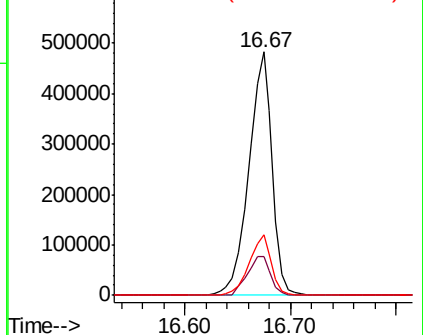
279 25.1 19.7 29.5



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: 43.153 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

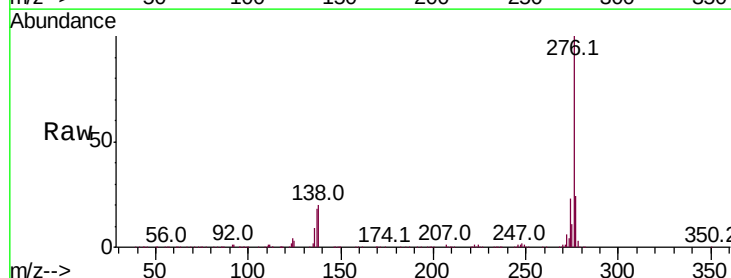
Tgt Ion:276 Resp: 726128

Ion Ratio Lower Upper

276 100

277 24.3 18.5 27.7

138 20.4 14.6 22.0



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

