

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051820\
 Data File : BF120341.D
 Acq On : 18 May 2020 15:02
 Operator : MA/SJ
 Sample : PB128931BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Quant Time: May 18 15:32:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	335649	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1345530	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	679649	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1094839	20.00	ng	0.00
76) Chrysene-d12	13.76	240	773913	20.00	ng	0.00
87) Perylene-d12	15.14	264	734390	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2265878	131.35	ng	0.02
7) Phenol-d6	6.27	99	2912874	133.53	ng	0.00
23) Nitrobenzene-d5	7.17	82	1927580	98.08	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	709736	128.08	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	3621787	109.48	ng	0.00
79) Terphenyl-d14	12.71	244	3180500	90.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	375574	54.730	ng	99
3) Pyridine	2.96	79	826285	38.305	ng	99
4) n-Nitrosodimethylamine	2.92	42	430981	51.025	ng	100
6) Aniline	6.27	93	1022054	36.634	ng	96
8) 2-Chlorophenol	6.39	128	959564	47.707	ng	99
9) Benzaldehyde	6.15	77	583488	43.388	ng	99
10) Phenol	6.28	94	1143244	44.893	ng	# 76
11) bis(2-Chloroethyl)ether	6.35	93	907548	44.614	ng	96
12) 1,3-Dichlorobenzene	6.54	146	964908	44.832	ng	100
13) 1,4-Dichlorobenzene	6.62	146	1004012	45.292	ng	99
14) 1,2-Dichlorobenzene	6.77	146	872843	43.725	ng	98
15) Benzyl Alcohol	6.76	79	715459	46.164	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1463288	45.646	ng	78
17) 2-Methylphenol	6.88	107	738684	43.504	ng	95
18) Hexachloroethane	7.11	117	370727	43.900	ng	99
19) n-Nitroso-di-n-propylamine	7.03	70	634376	44.387	ng	98
20) 3+4-Methylphenols	7.04	107	950189	43.041	ng	96
22) Acetophenone	7.02	105	1281570	46.493	ng	96
24) Nitrobenzene	7.19	77	980649	46.366	ng	97
25) Isophorone	7.44	82	1839997	44.998	ng	99
26) 2-Nitrophenol	7.51	139	536767	48.526	ng	95
27) 2,4-Dimethylphenol	7.56	122	819717	50.943	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	1191802	46.371	ng	99
29) 2,4-Dichlorophenol	7.76	162	772215	46.727	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	837367	45.724	ng	98
31) Naphthalene	7.91	128	2645819	46.592	ng	100
32) Benzoic acid	7.72	122	475763	45.108	ng	95
33) 4-Chloroaniline	7.97	127	763053	29.485	ng	100
34) Hexachlorobutadiene	8.03	225	467860	44.200	ng	95
35) Caprolactam	8.36	113	133249	24.646	ng	97
36) 4-Chloro-3-methylphenol	8.47	107	913171	51.079	ng	96
37) 2-Methylnaphthalene	8.60	142	1944586	50.039	ng	98
38) 1-Methylnaphthalene	8.70	142	1884562	50.001	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	871138	50.832	ng	98

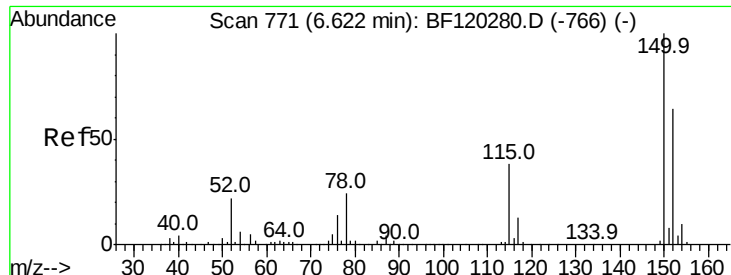
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	757329	104.881	nq	99
43) 2,4,6-Trichlorophenol	8.89	196	566752	49.268	nq	99
44) 2,4,5-Trichlorophenol	8.94	196	611293	46.272	nq	99
46) 1,1'-Biphenyl	9.07	154	2302727	51.710	nq	99
47) 2-Chloronaphthalene	9.09	162	1749650	48.981	nq	99
48) 2-Nitroaniline	9.20	65	625560	47.997	nq	98
49) Acenaphthylene	9.50	152	2731047	50.051	nq	100
50) Dimethylphthalate	9.38	163	2049868	47.712	nq	99
51) 2,6-Dinitrotoluene	9.45	165	462709	48.254	nq	87
52) Acenaphthene	9.67	154	1463196	44.737	nq	100
53) 3-Nitroaniline	9.61	138	319043	27.900	nq	97
54) 2,4-Dinitrophenol	9.73	184	399674	88.300	nq	94
55) Dibenzofuran	9.85	168	2148049	45.606	nq	99
56) 4-Nitrophenol	9.80	139	524687	85.394	nq	89
57) 2,4-Dinitrotoluene	9.85	165	494210	43.936	nq	97
58) Fluorene	10.19	166	1580394	44.059	nq	100
59) 2,3,4,6-Tetrachlorophenol	9.97	232	420017	42.247	nq	95
60) Diethylphthalate	10.08	149	1749465	42.178	nq	99
61) 4-Chlorophenyl-phenylether	10.19	204	765448	41.044	nq	96
62) 4-Nitroaniline	10.23	138	438210	41.154	nq	98
63) Azobenzene	10.35	77	1697593	43.304	nq	95
65) 4,6-Dinitro-2-methylphenol	10.26	198	278101	50.226	nq	97
66) n-Nitrosodiphenylamine	10.31	169	1491119	49.229	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	462564	43.539	nq	97
68) Hexachlorobenzene	10.74	284	503981	45.344	nq	96
69) Atrazine	10.85	200	394297	43.504	nq	99
70) Pentachlorophenol	10.94	266	438390	92.739	nq	99
71) Phenanthrene	11.15	178	2190655	47.618	nq	99
72) Anthracene	11.20	178	2353519	47.787	nq	100
73) Carbazole	11.36	167	2138636	46.475	nq	100
74) Di-n-butylphthalate	11.69	149	2570082	46.342	nq	99
75) Fluoranthene	12.33	202	2454460	49.776	nq	99
77) Benzidine	12.46	184	1324692	58.616	nq	96
78) Pyrene	12.56	202	2482853	45.002	nq	100
80) Butylbenzylphthalate	13.19	149	1088769	41.908	nq	96
81) Benzo(a)anthracene	13.75	228	1866629	45.730	nq	99
82) 3,3'-Dichlorobenzidine	13.72	252	533307	34.670	nq	98
83) Chrysene	13.79	228	2005755	45.760	nq	100
84) Bis(2-ethylhexyl)phthalate	13.75	149	1366788	42.285	nq	99
85) Di-n-octyl phthalate	14.36	149	2547212	43.805	nq	99
86) Indeno(1,2,3-cd)pyrene	16.46	276	1710413	42.995	nq	99
88) Benzo(b)fluoranthene	14.76	252	1886948	47.048	nq	98
89) Benzo(k)fluoranthene	14.79	252	1718302	49.451	nq	100
90) Benzo(a)pyrene	15.09	252	1643231	45.685	nq	98
91) Dibenzo(a,h)anthracene	16.47	278	1417763	44.493	nq	98
92) Benzo(g,h,i)perylene	16.85	276	1453813	45.244	nq	98

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

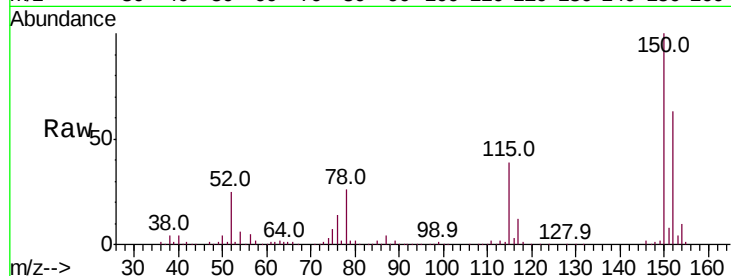


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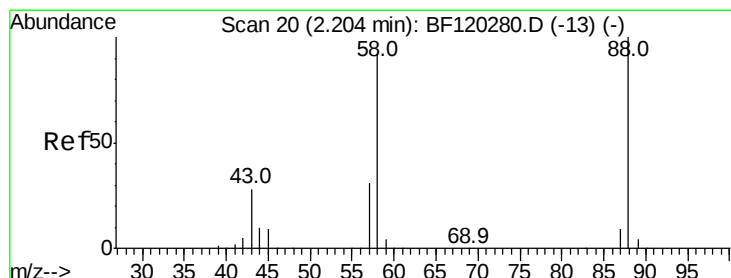
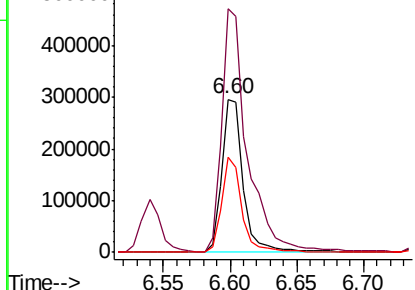
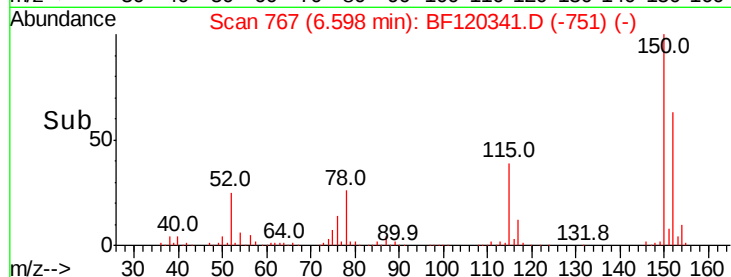
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion:152 Resp: 335649
 Ion Ratio Lower Upper
 152 100
 150 158.8 126.2 189.2
 115 62.3 47.9 71.9



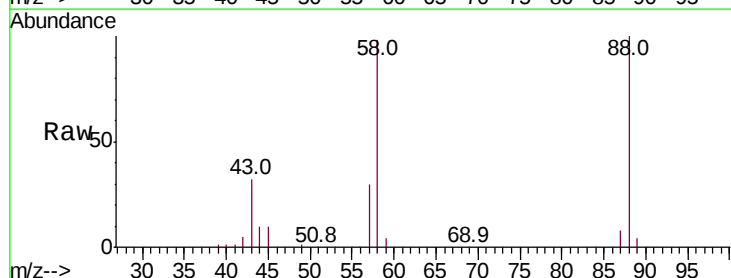
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



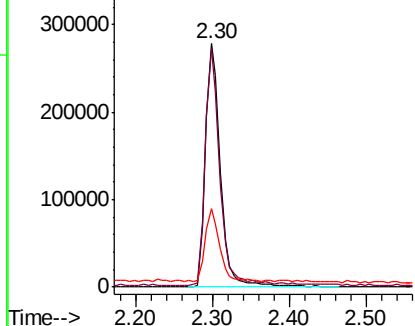
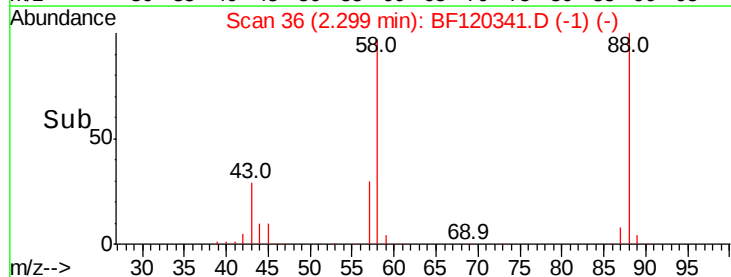
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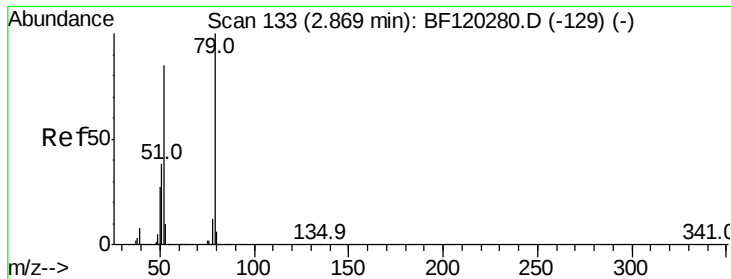
1,4-Dioxane
 Concen: 54.730 ng
 RT: 2.30 min Scan# 36
 Delta R.T. 0.09 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion: 88 Resp: 375574
 Ion Ratio Lower Upper
 88 100
 58 93.9 75.8 113.6
 43 27.8 23.6 35.4



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





#3

Pvridine

Concen: 38.305 ng

RT: 2.96 min Scan# 149

Delta R.T. 0.11 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

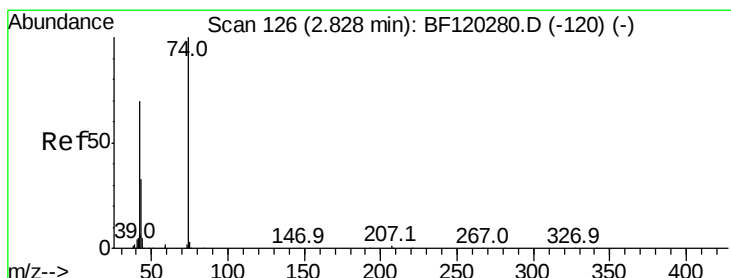
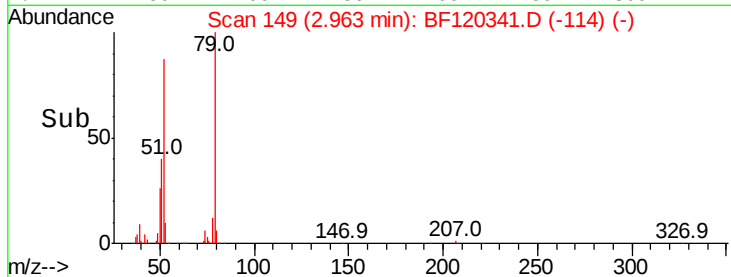
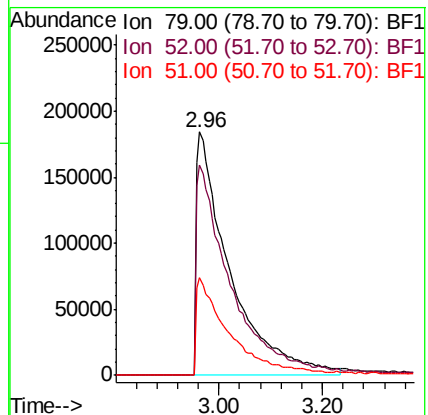
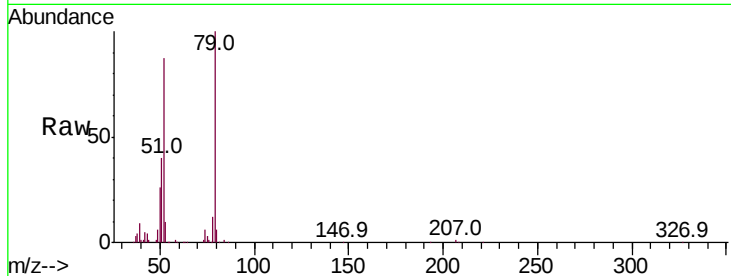
Tot Ion: 79 Resp: 826285

Ion Ratio Lower Upper

79 100

52 86.6 68.4 102.6

51 40.0 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 51.025 ng

RT: 2.92 min Scan# 141

Delta R.T. 0.09 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

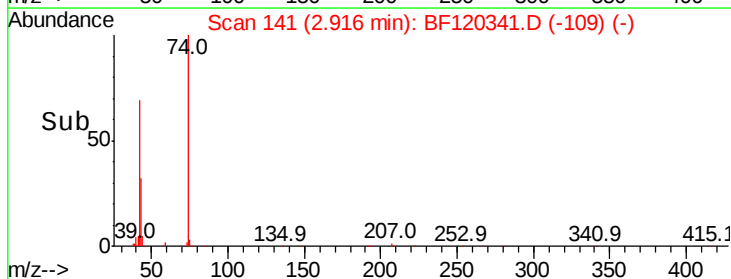
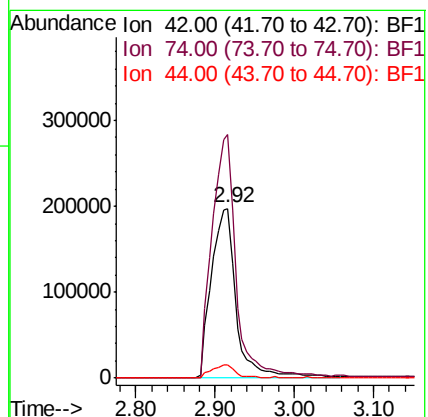
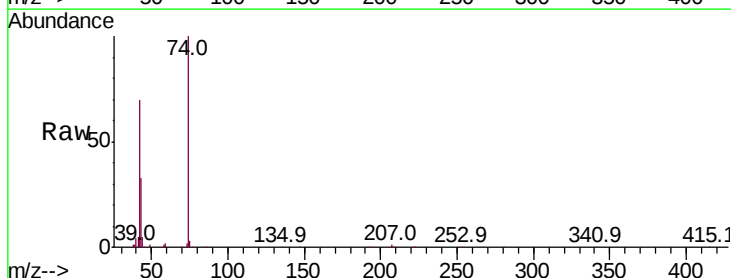
Tgt Ion: 42 Resp: 430981

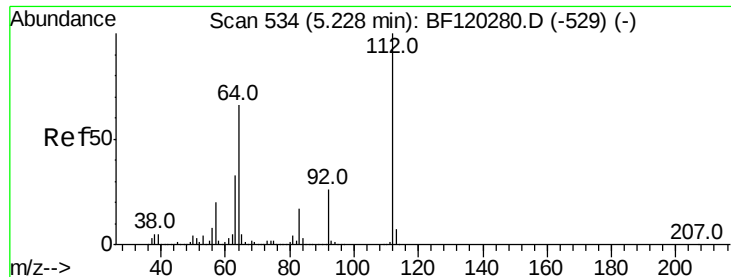
Ion Ratio Lower Upper

42 100

74 143.5 114.8 172.2

44 7.7 5.6 8.4





#5

2-Fluorophenol

Concen: 131.349 ng

RT: 5.23 min Scan# 534

Delta R.T. 0.02 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

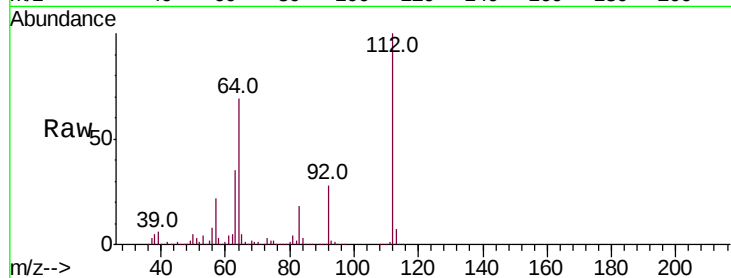
Tot Ion:112 Resp: 2265878

Ion Ratio Lower Upper

112 100

64 69.4 52.7 79.1

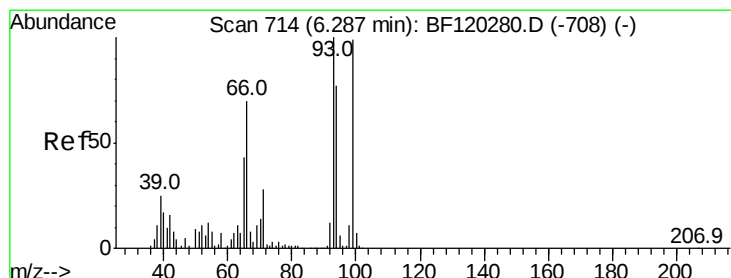
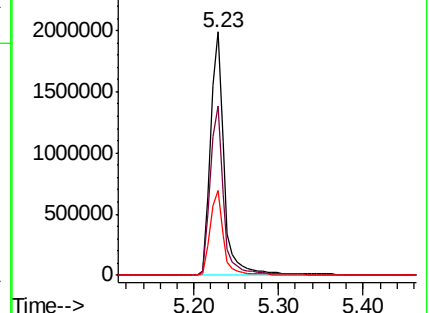
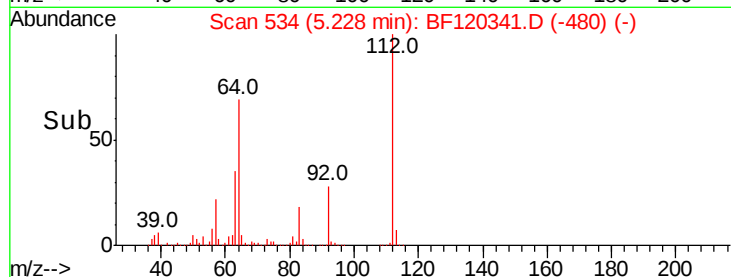
63 35.1 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.634 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

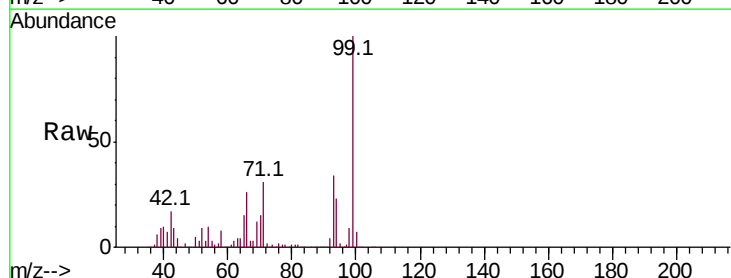
Tgt Ion: 93 Resp: 1022054

Ion Ratio Lower Upper

93 100

66 76.1 56.2 84.4

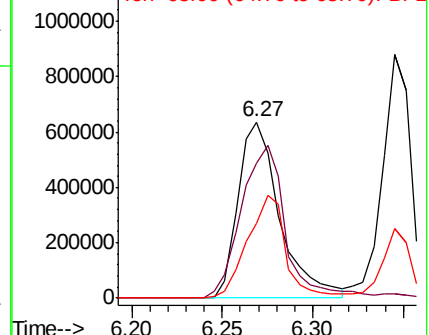
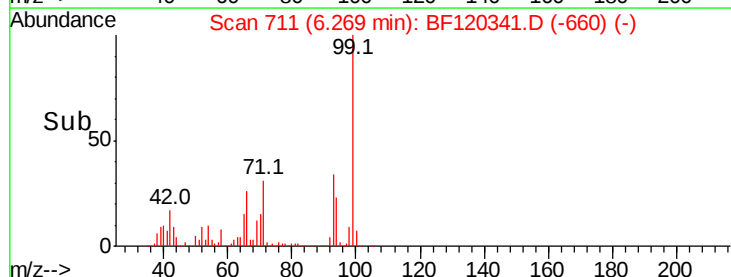
65 42.6 34.2 51.2

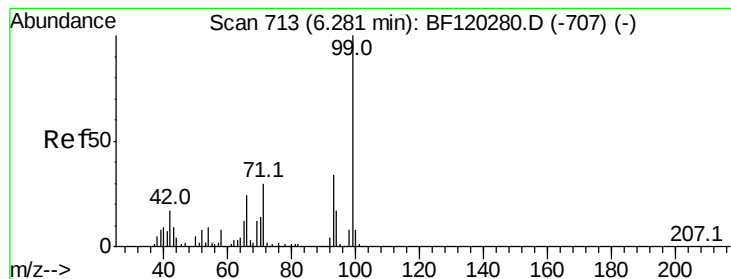


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.525 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

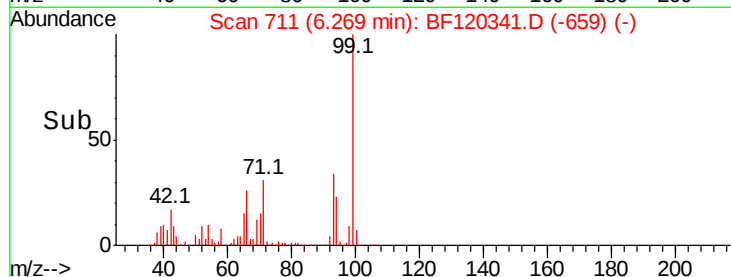
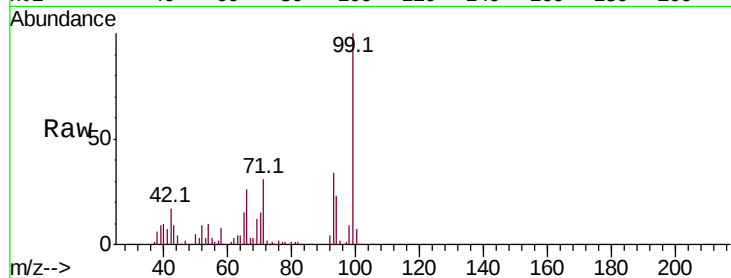
Tot Ion: 99 Resp: 2912874

Ion Ratio Lower Upper

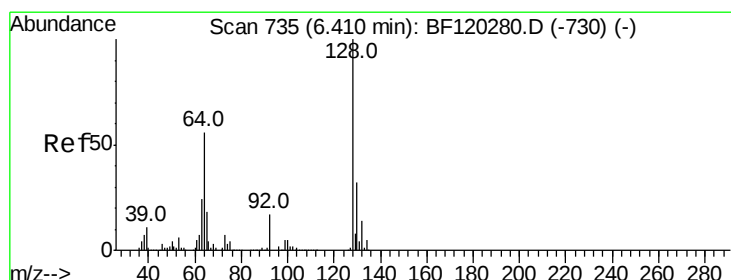
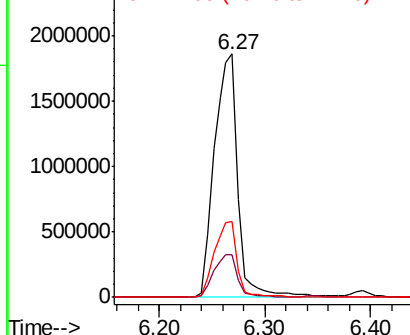
99 100

42 17.3 13.6 20.4

71 31.1 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
2500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.707 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

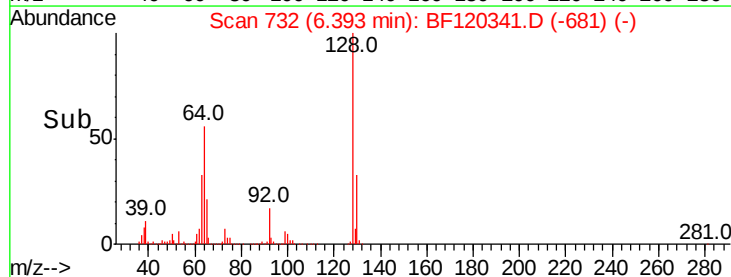
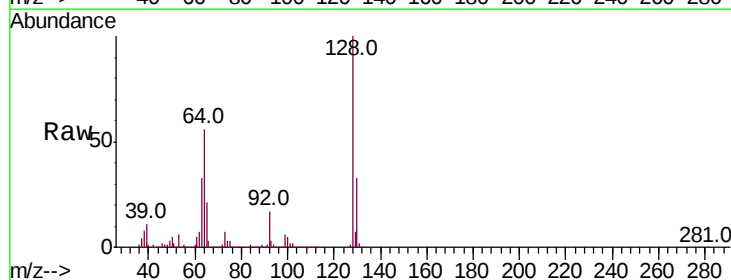
Tgt Ion: 128 Resp: 959564

Ion Ratio Lower Upper

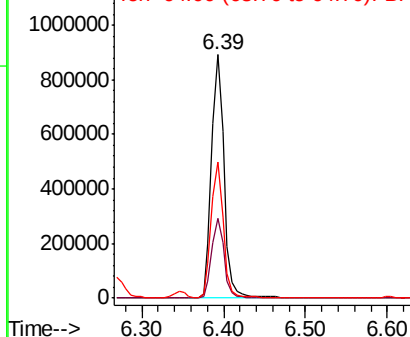
128 100

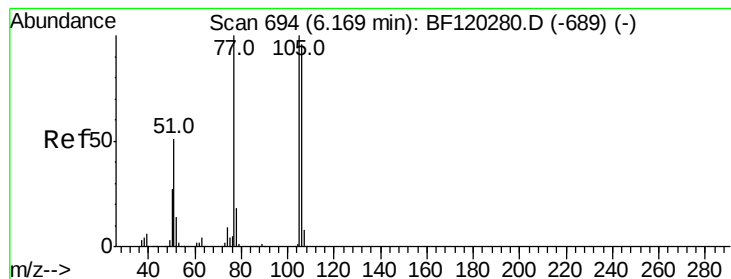
130 32.9 12.4 52.4

64 55.7 36.7 76.7



Abundance Ion 128.00 (127.70 to 128.70): E
1200000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.388 ng

RT: 6.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

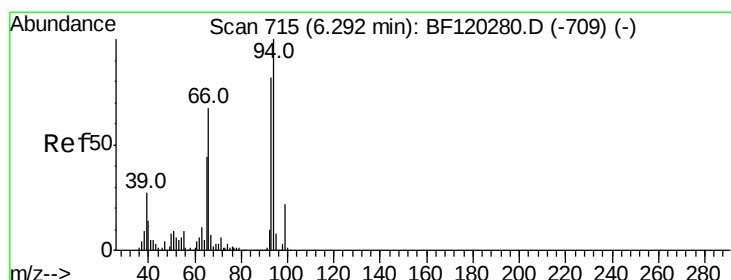
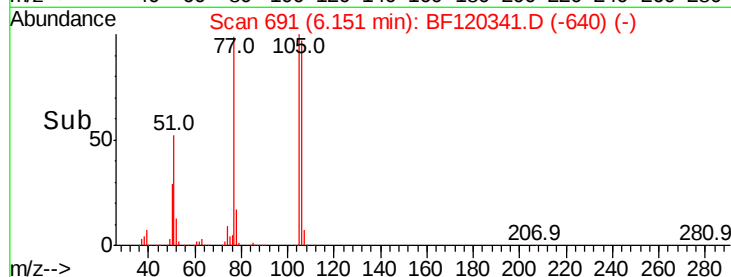
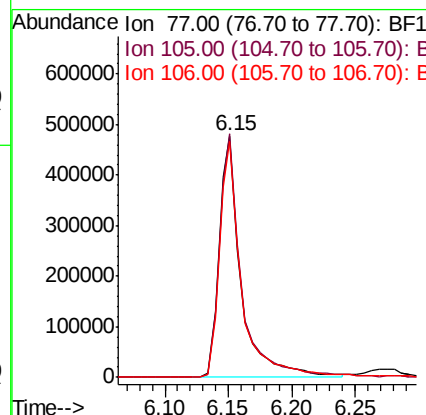
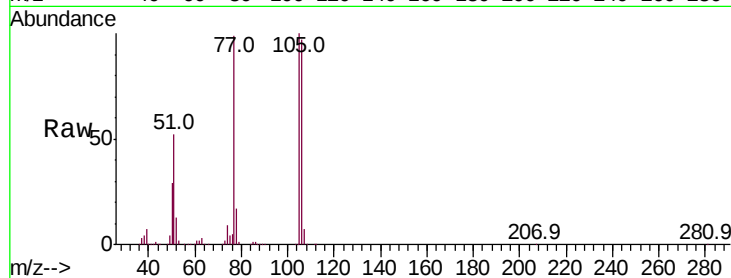
Tot Ion: 77 Resp: 583488

Ion Ratio Lower Upper

77 100

105 100.9 79.9 119.9

106 97.5 75.7 115.7



#10

Phenol

Concen: 44.893 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

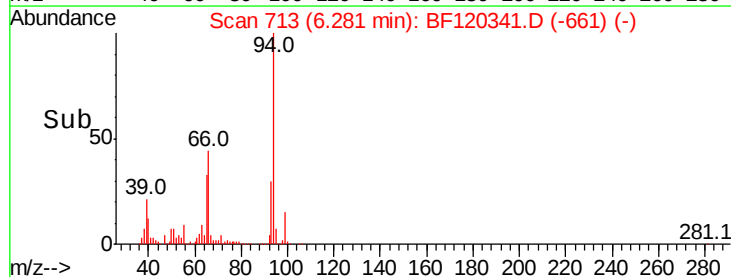
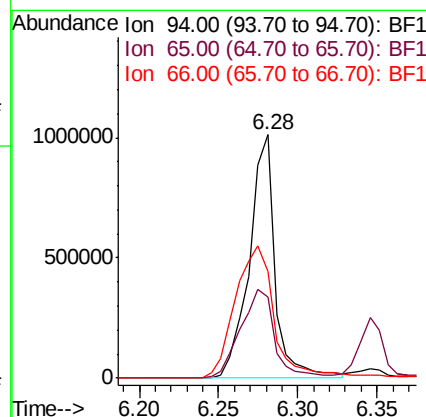
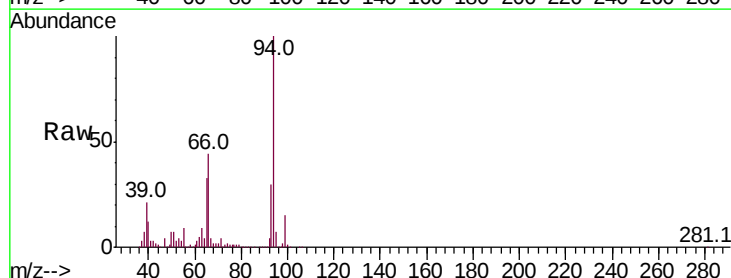
Tgt Ion: 94 Resp: 1143244

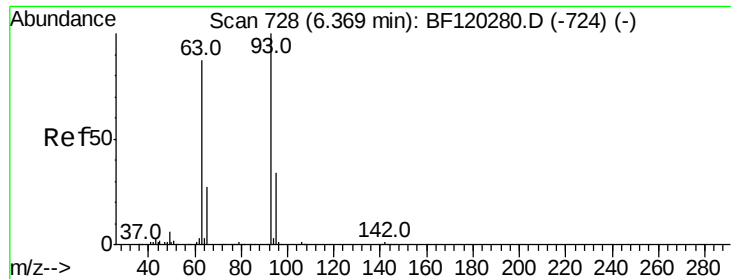
Ion Ratio Lower Upper

94 100

65 33.4 24.1 64.1

66 43.6 47.5 87.5#

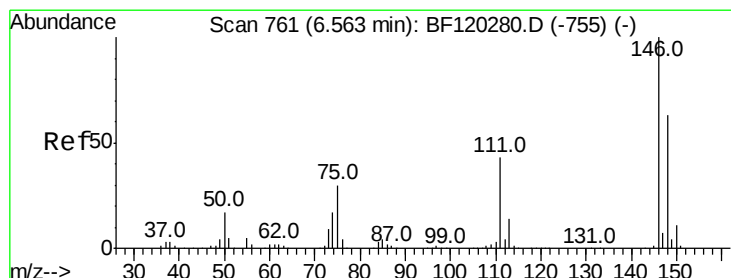
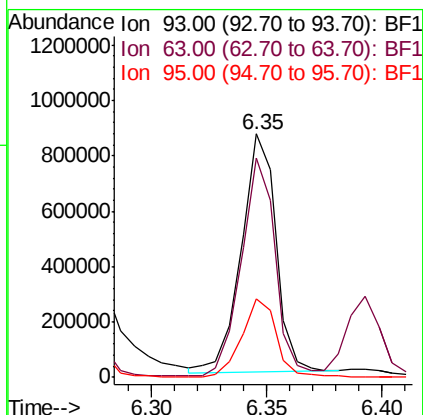
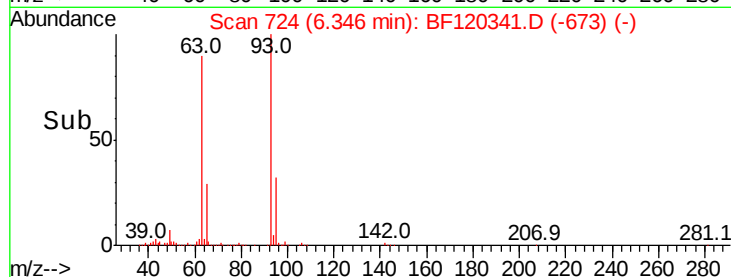
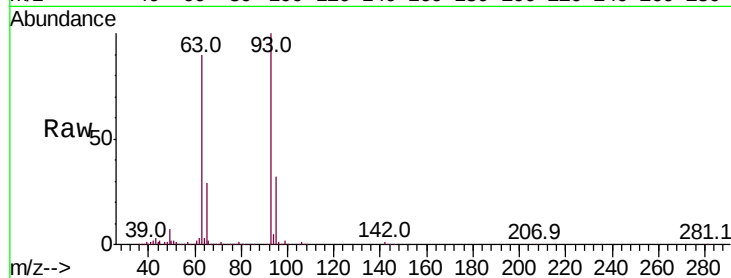




#11
bis(2-Chloroethyl)ether
Concen: 44.614 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

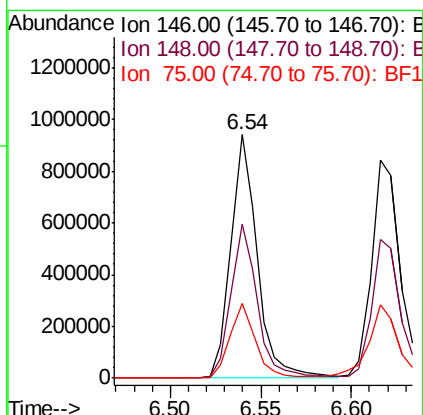
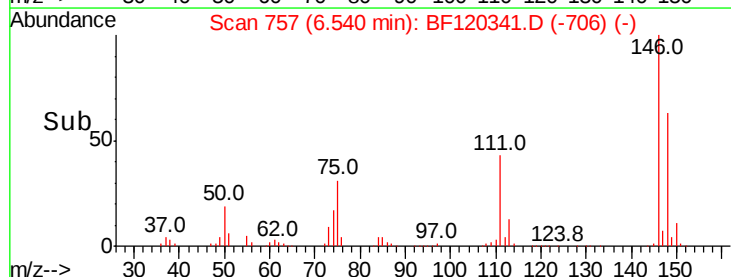
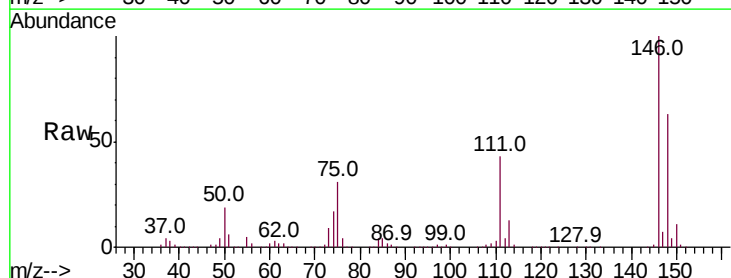
Instrument :
BNA_F
ClientSampleId :
PB128931BS

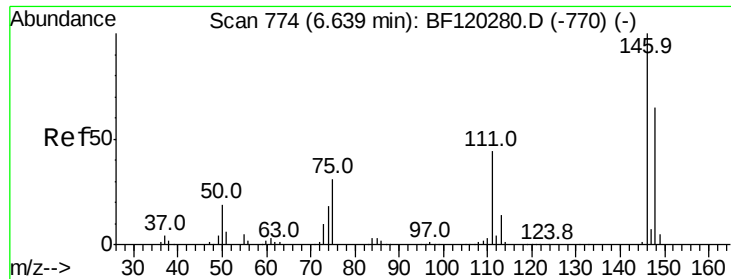
Tot Ion: 93 Resp: 907548
Ion Ratio Lower Upper
93 100
63 90.1 65.4 105.4
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.832 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion: 146 Resp: 964908
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
75 30.8 24.2 36.4



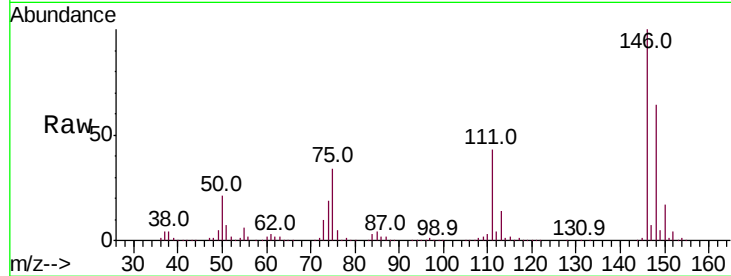


#13
 1,4-Dichlorobenzene
 Concen: 45.292 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

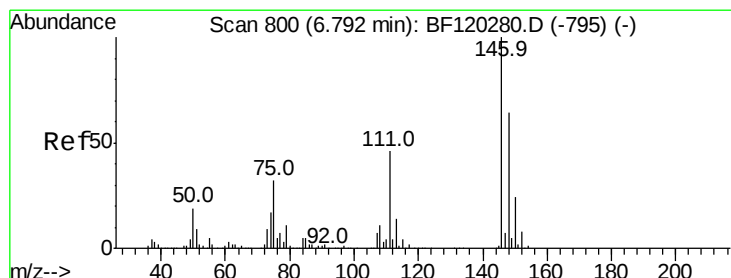
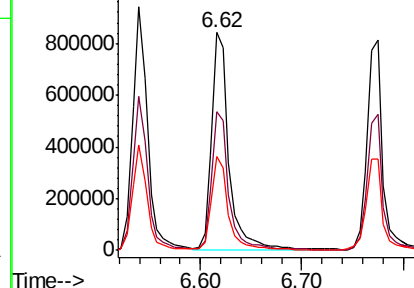
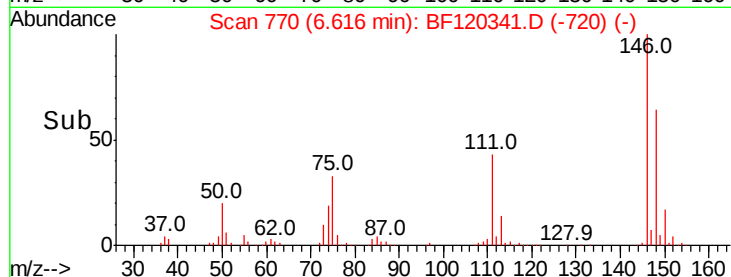
Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion:146 Resp: 1004012

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	43.2	35.1	52.7



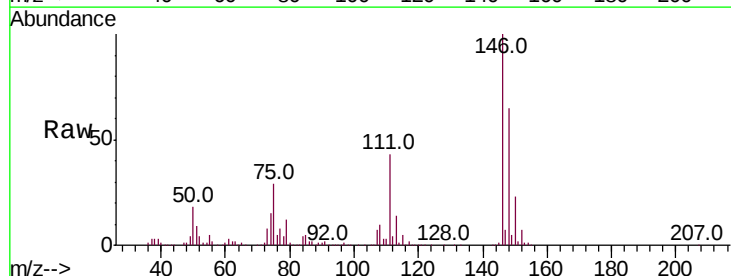
Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



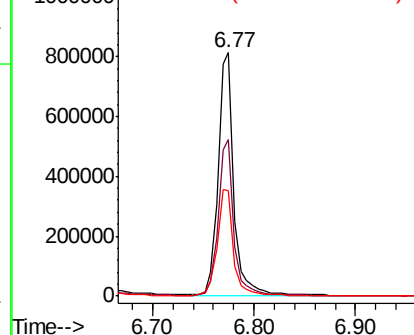
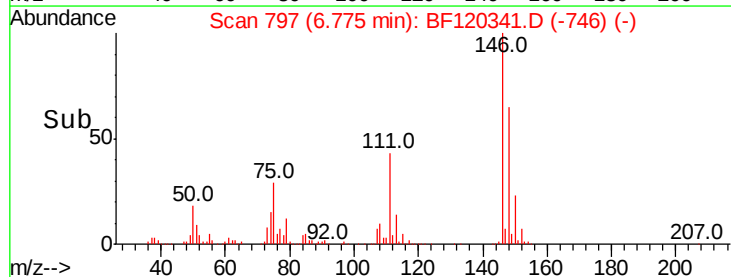
#14
 1,2-Dichlorobenzene
 Concen: 43.725 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

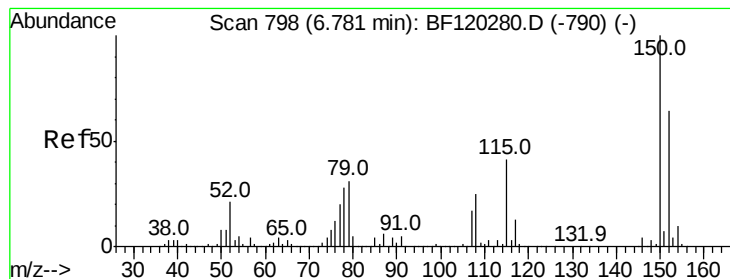
Tgt Ion:146 Resp: 872843

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	43.4	36.6	55.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.164 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleID :

PB128931BS

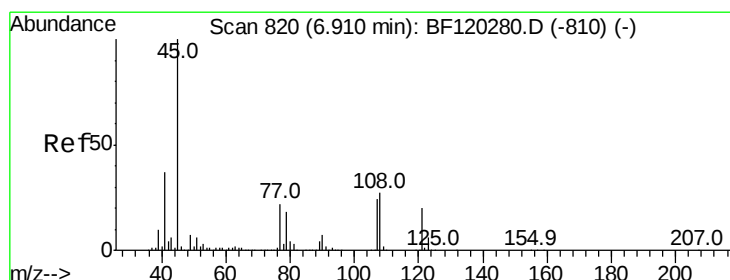
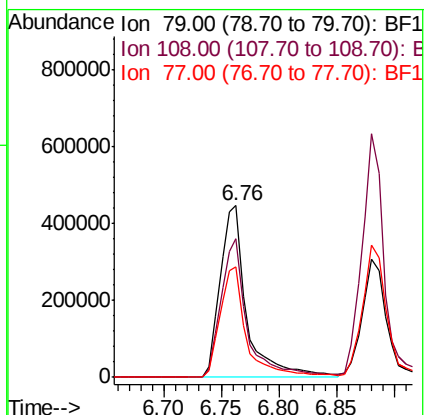
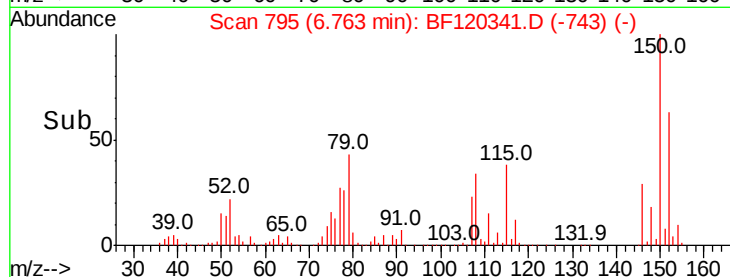
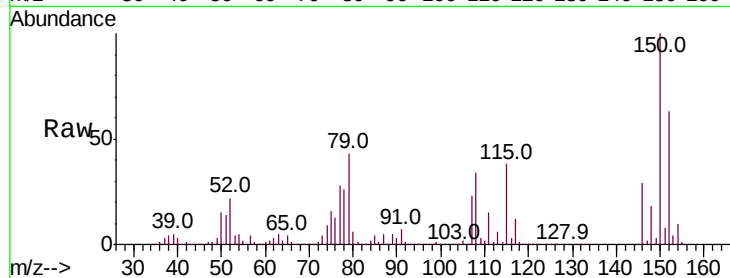
Tot Ion: 79 Resp: 715459

Ion Ratio Lower Upper

79 100

108 80.4 64.2 96.4

77 64.4 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.646 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

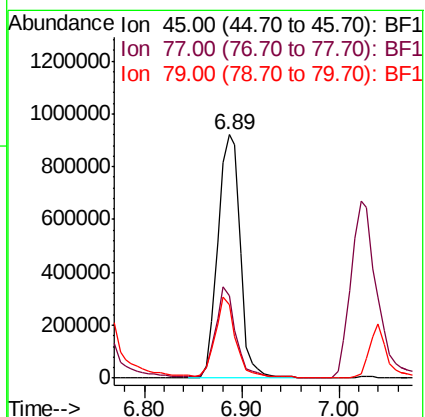
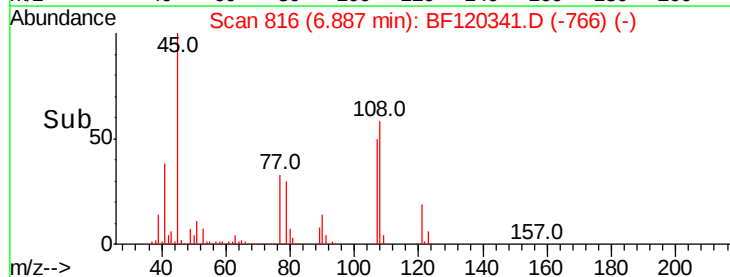
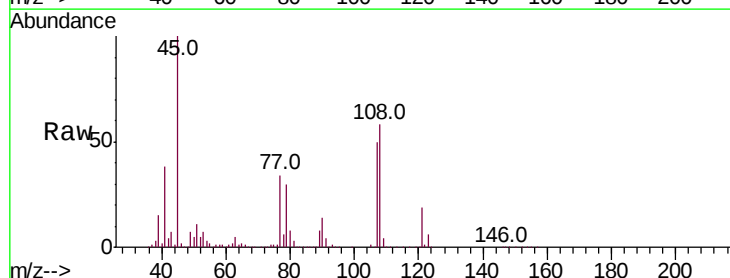
Tgt Ion: 45 Resp: 1463288

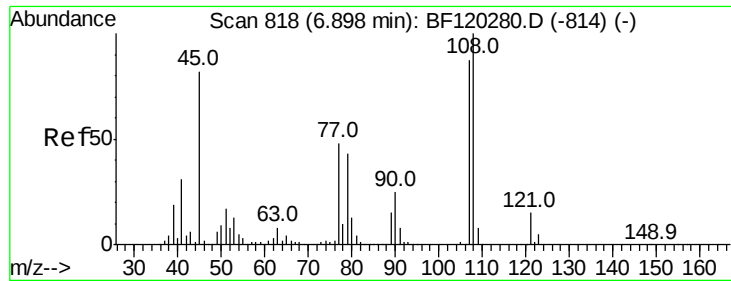
Ion Ratio Lower Upper

45 100

77 33.6 3.1 43.1

79 30.2 0.0 40.0

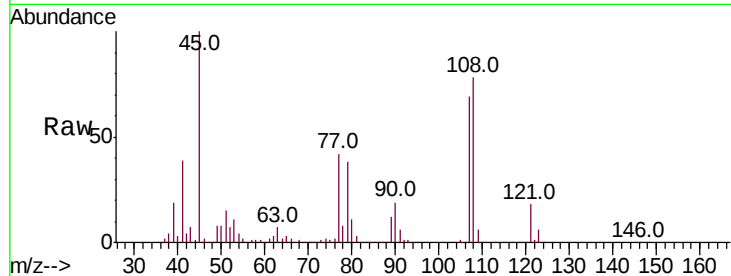




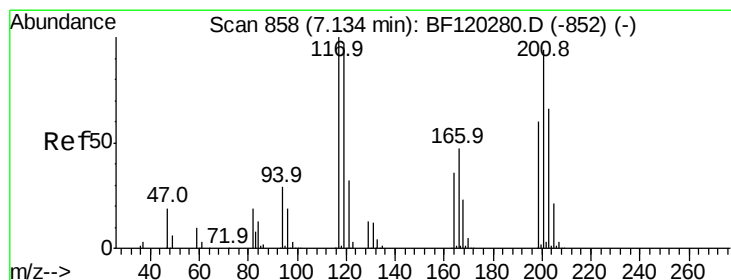
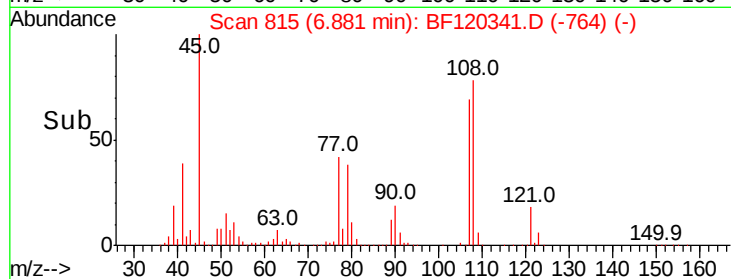
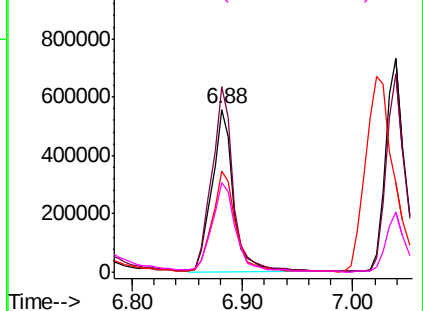
#17
2-Methylphenol
Concen: 43.504 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion:107 Resp: 738684
Ion Ratio Lower Upper
107 100
108 113.5 92.4 138.6
77 61.8 44.5 66.7
79 55.3 40.4 60.6

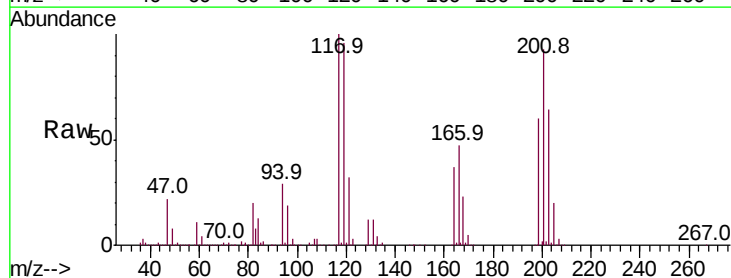


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

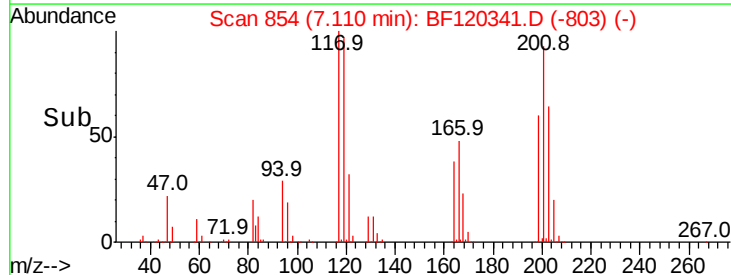
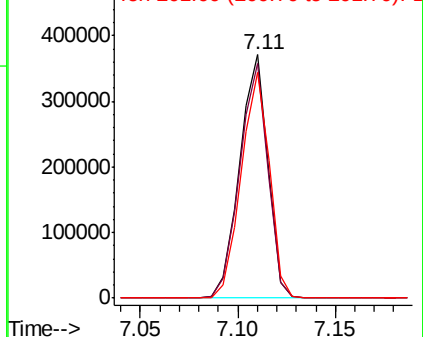


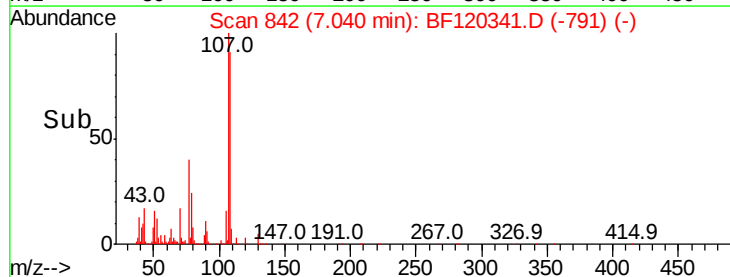
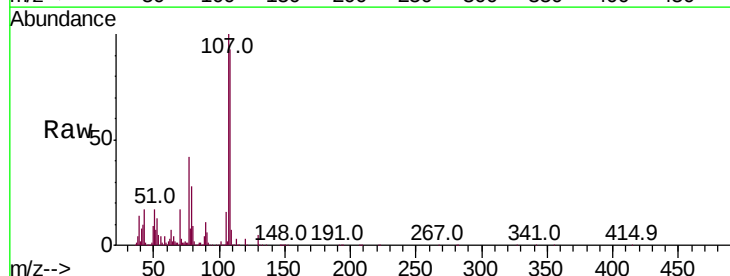
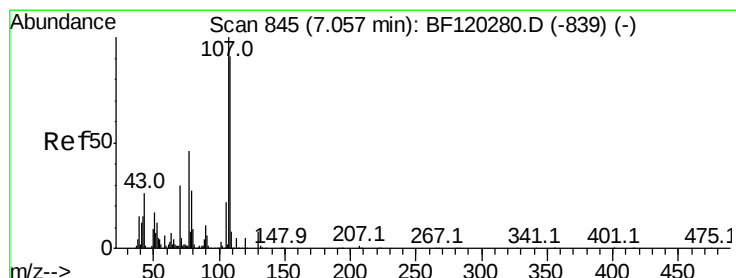
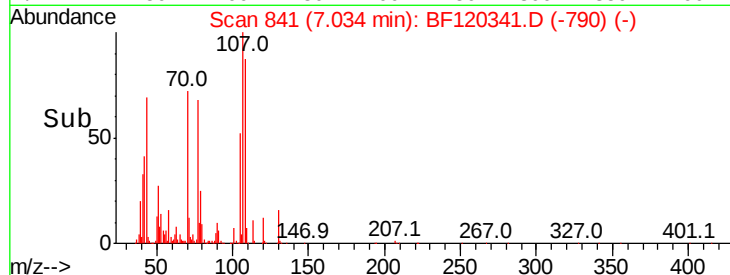
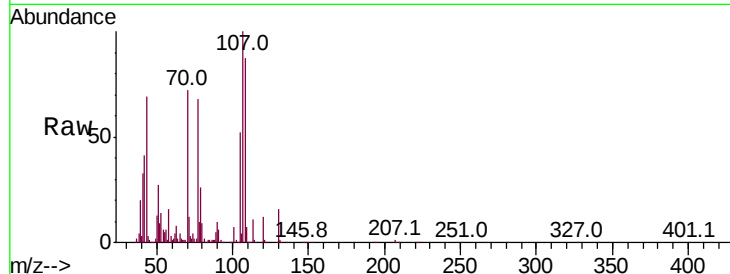
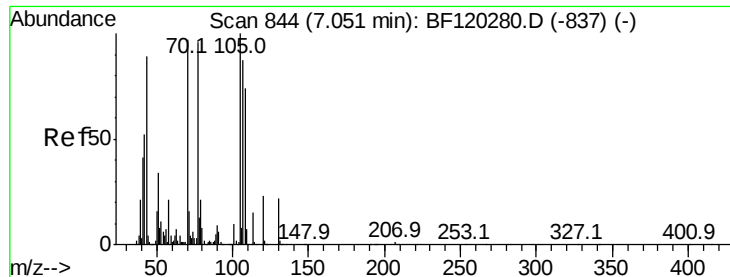
#18
Hexachloroethane
Concen: 43.900 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:117 Resp: 370727
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0
201 92.7 74.9 112.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

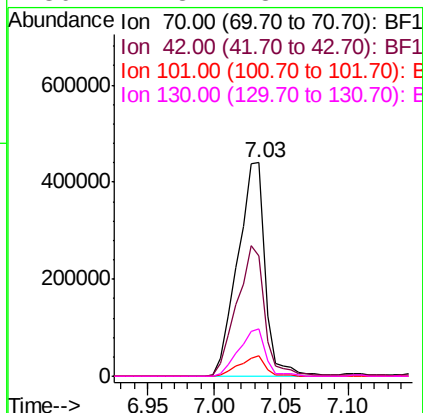




#19
n-Nitroso-di-n-propylamine
Concen: 44.387 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

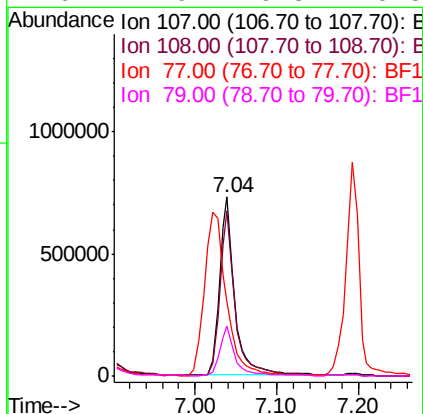
Instrument :
BNA_F
ClientSampleId :
PB128931BS

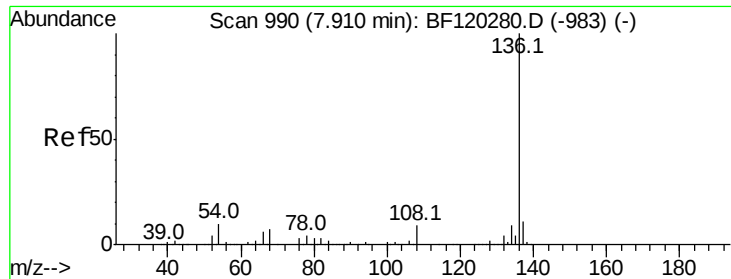
Tot Ion:	70	Resp:	634376
Ion	Ratio	Lower	Upper
70	100		
42	56.1	43.4	65.0
101	9.4	7.8	11.8
130	22.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 43.041 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:	107	Resp:	950189
Ion	Ratio	Lower	Upper
107	100		
108	92.6	71.1	111.1
77	41.7	28.1	68.1
79	27.9	6.8	46.8

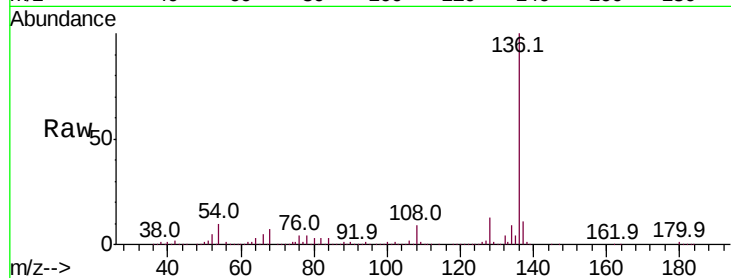




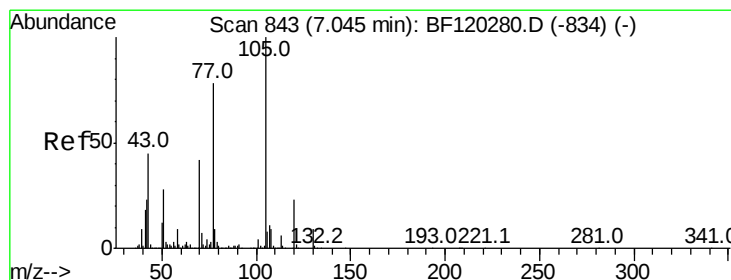
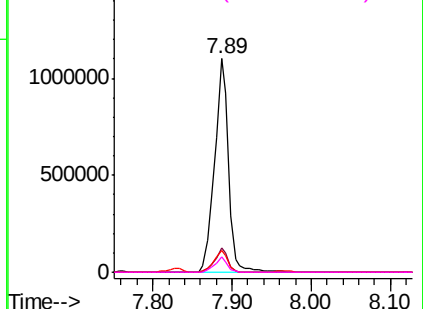
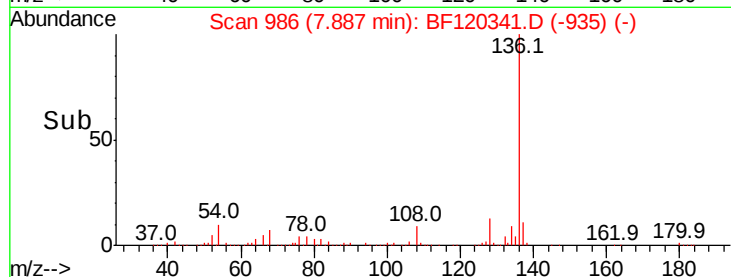
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion:136 Resp: 1345530
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.4 7.9 11.9
68 7.1 5.4 8.2

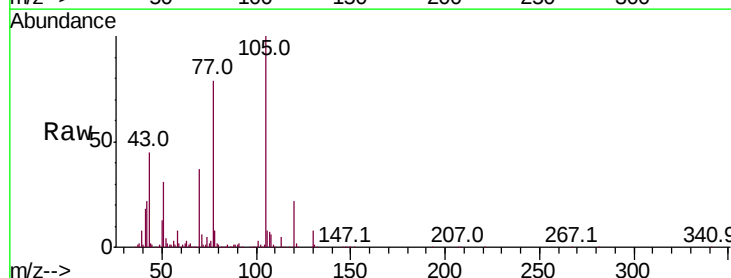


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

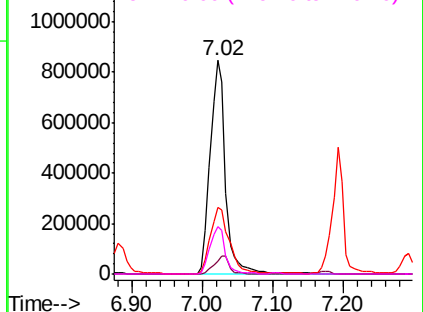
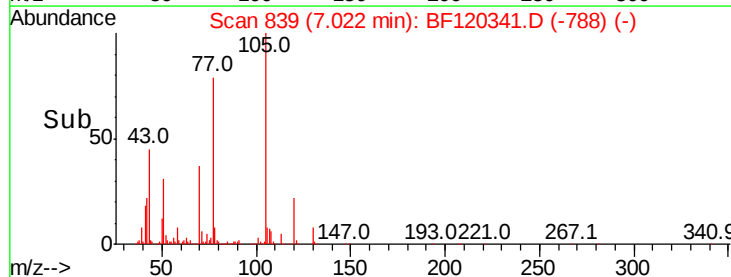


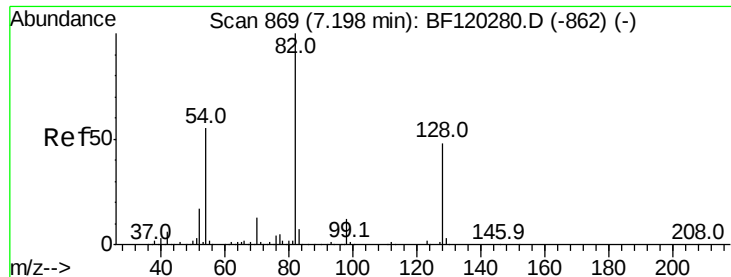
#22
Acetophenone
Concen: 46.493 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:105 Resp: 1281570
Ion Ratio Lower Upper
105 100
71 6.3 5.6 8.4
51 31.1 22.6 34.0
120 22.4 18.7 28.1



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



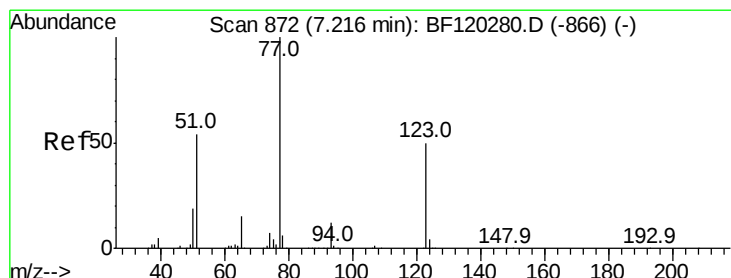
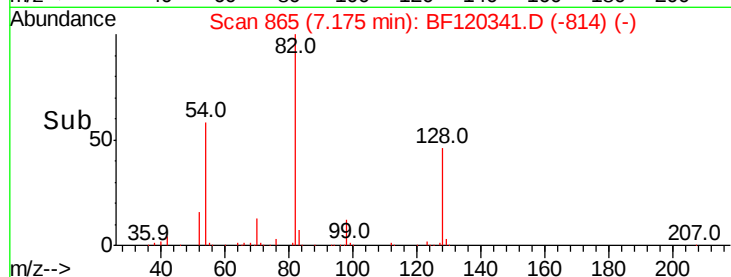
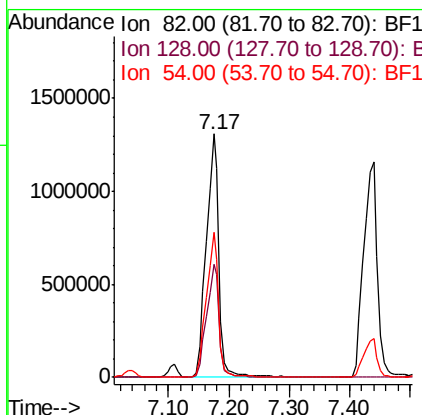
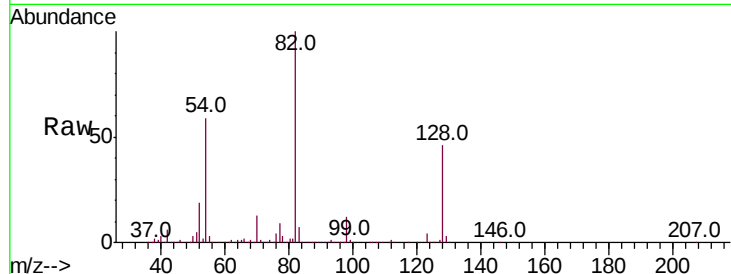


#23
 Nitrobenzene-d5
 Concen: 98.084 ng
 RT: 7.17 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion: 82 Resp: 1927580

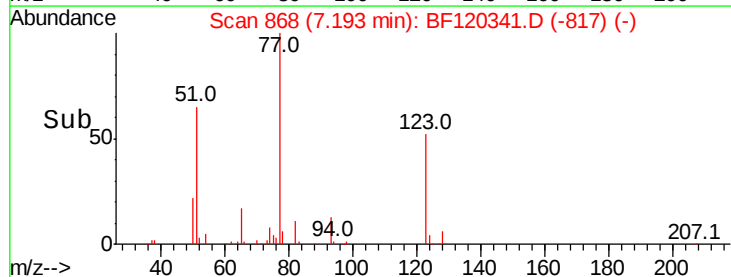
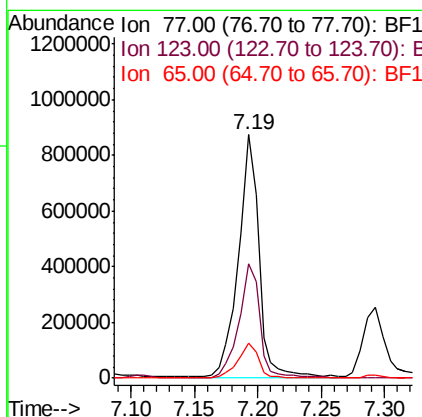
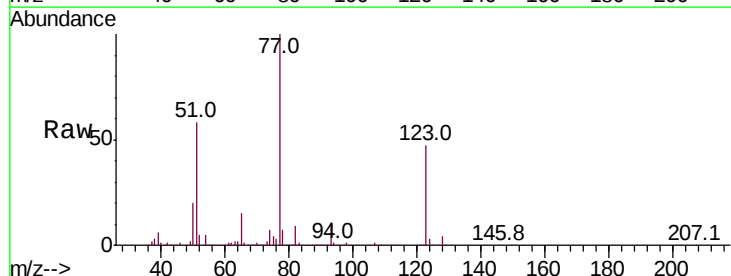
Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.3	57.5
54	59.4	43.9	65.9

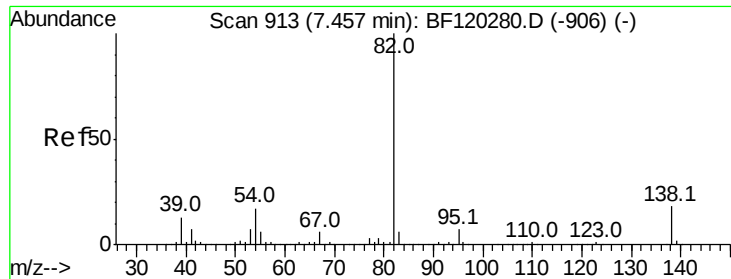


#24
 Nitrobenzene
 Concen: 46.366 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion: 77 Resp: 980649

Ion	Ratio	Lower	Upper
77	100		
123	46.9	40.0	60.0
65	14.6	11.7	17.5





#25

Isophorone

Concen: 44.998 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

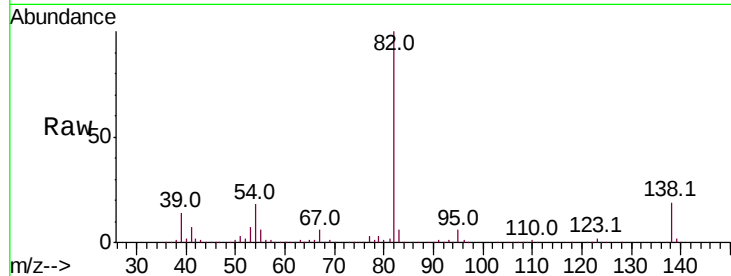
Tot Ion: 82 Resp: 1839997

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.0

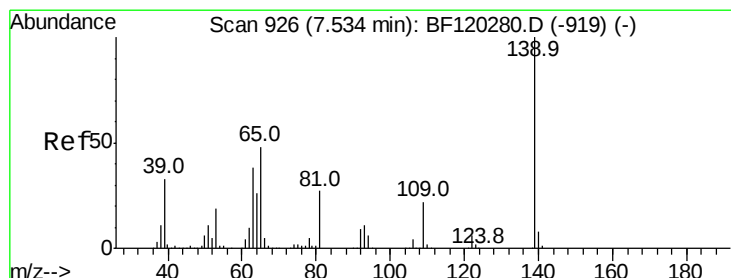
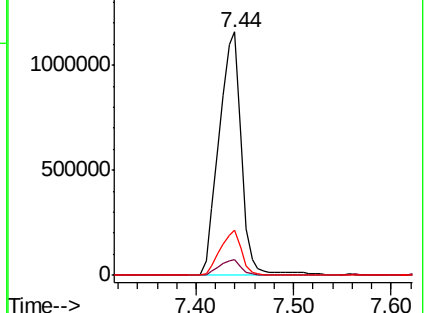
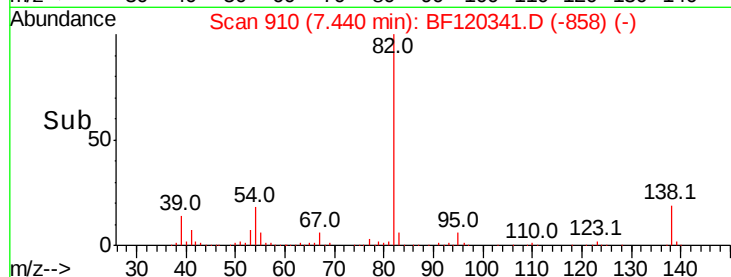
138 18.6 14.7 22.1



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: 48.526 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

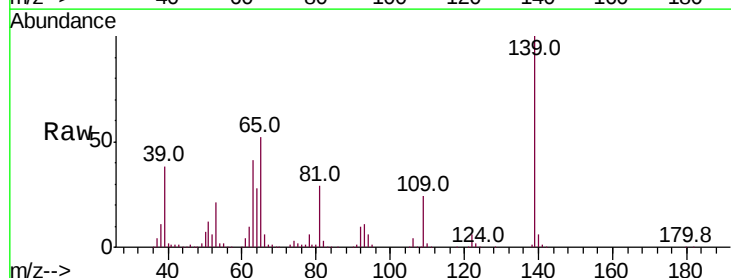
Tgt Ion: 139 Resp: 536767

Ion Ratio Lower Upper

139 100

109 23.8 17.7 26.5

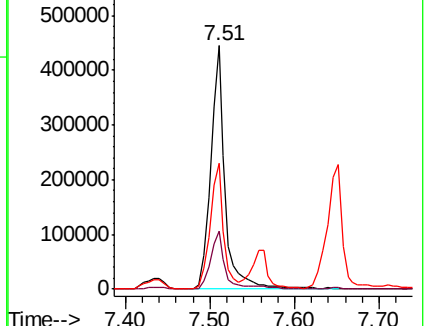
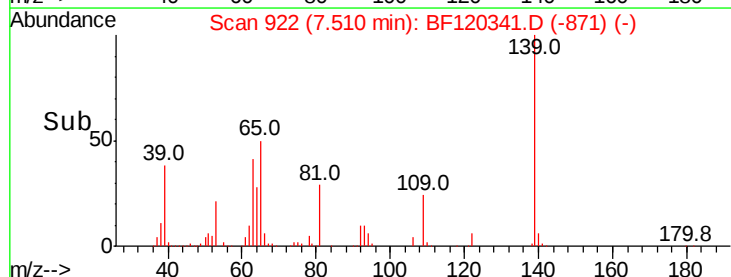
65 51.5 38.3 57.5

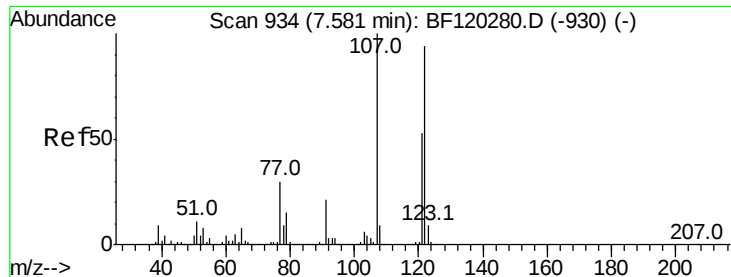


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

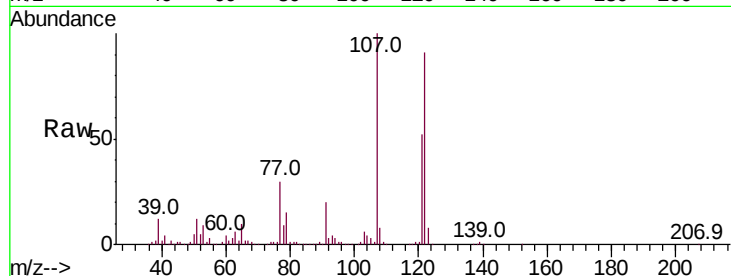




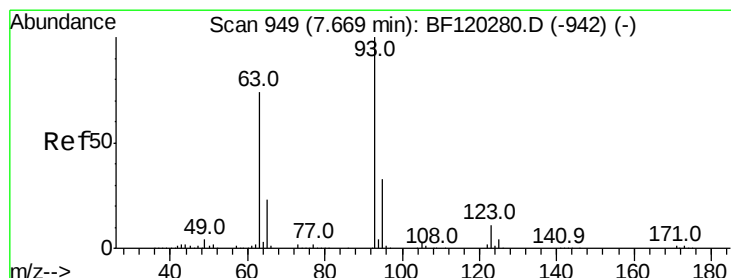
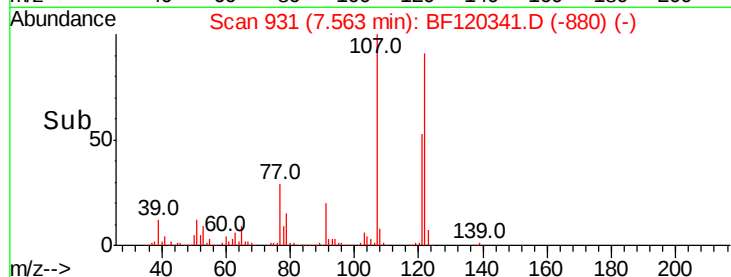
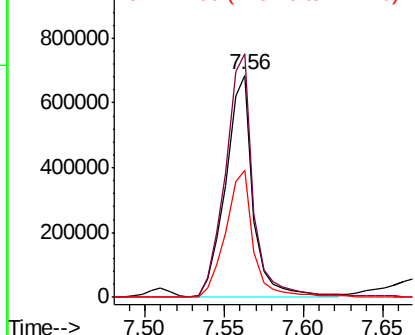
#27
2,4-Dimethylphenol
Concen: 50.943 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion:122 Resp: 819717
Ion Ratio Lower Upper
122 100
107 109.7 85.0 127.6
121 57.5 45.1 67.7

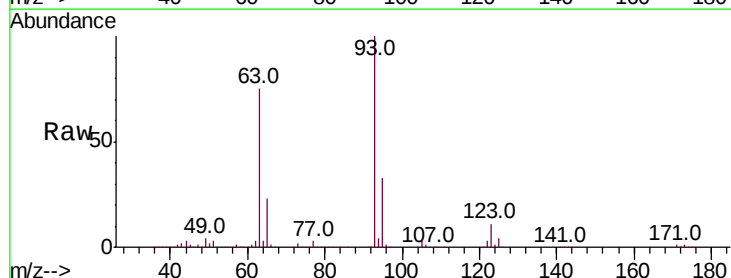


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

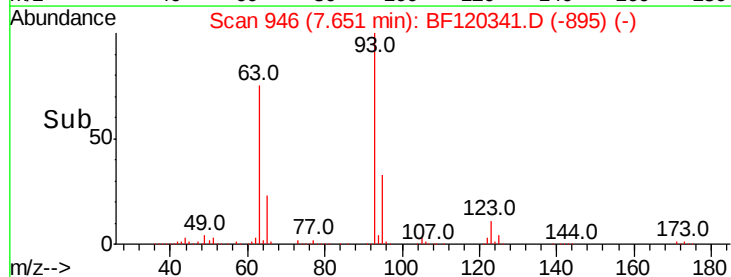
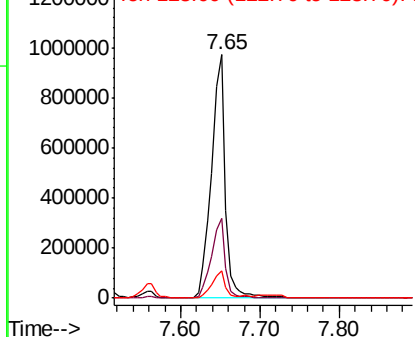


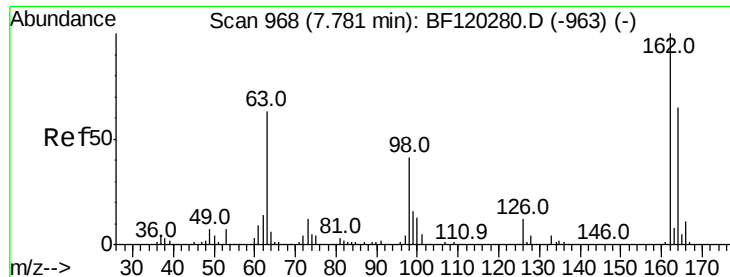
#28
bis(2-Chloroethoxy)methane
Concen: 46.371 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion: 93 Resp: 1191802
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 11.3 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

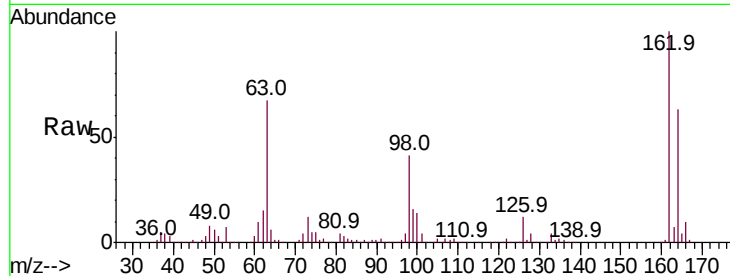




#29
 2,4-Dichlorophenol
 Concen: 46.727 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.9	84.9
98	40.8	20.7	60.7

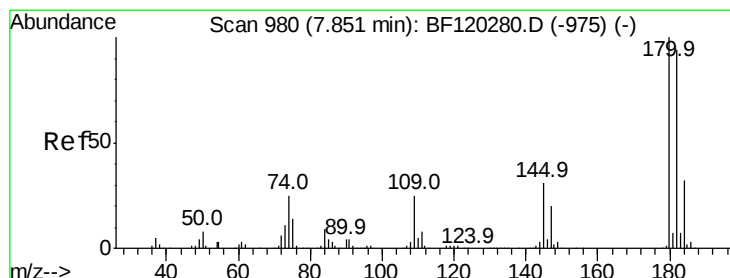
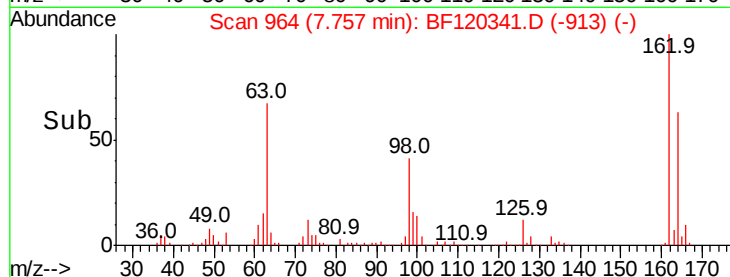
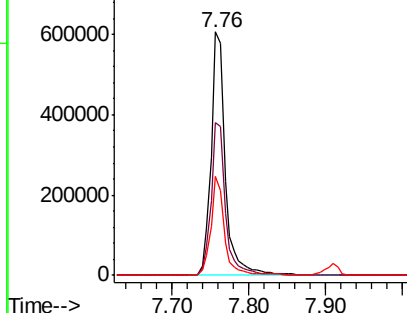


Abundance

Ion 162.00 (161.70 to 162.70): E

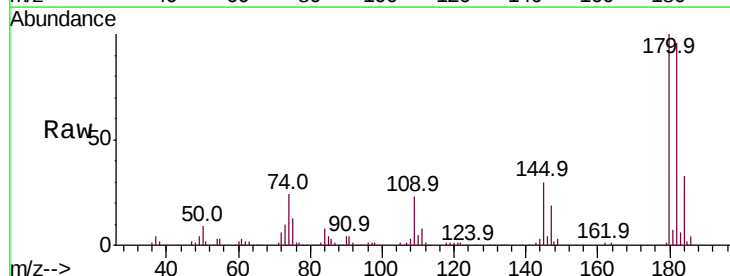
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.724 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.3	112.9
145	29.8	24.9	37.3

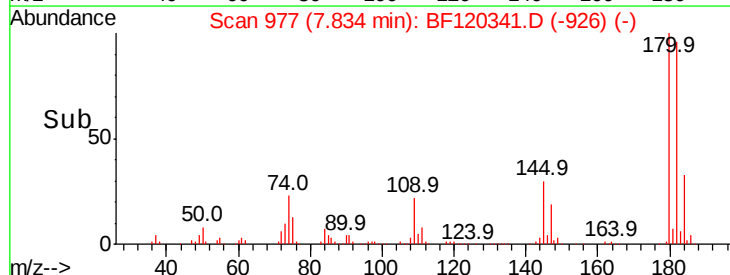
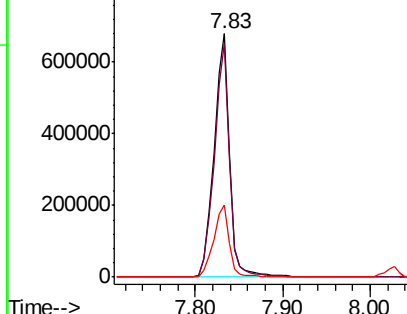


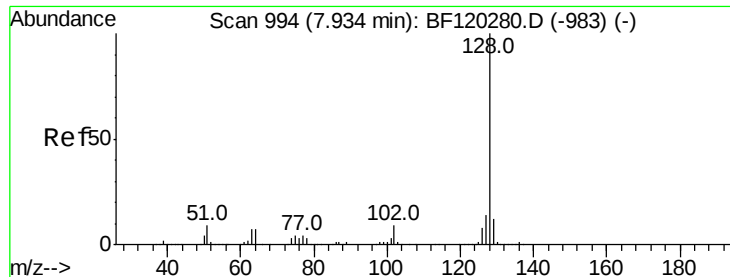
Abundance

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

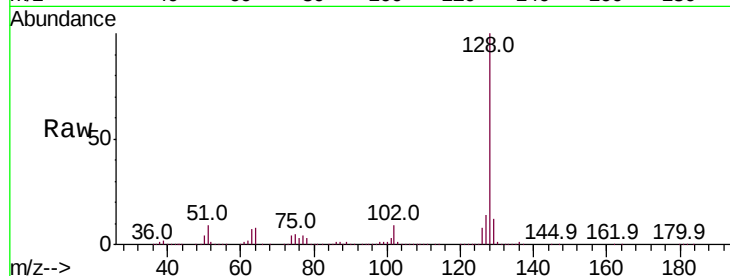




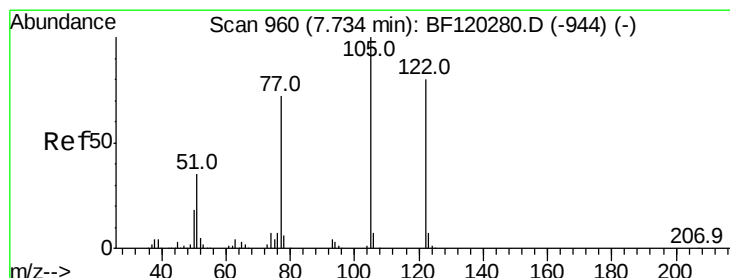
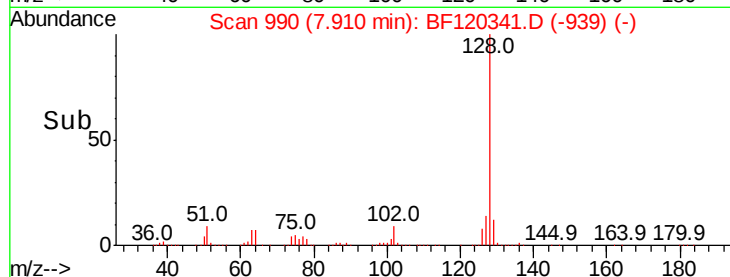
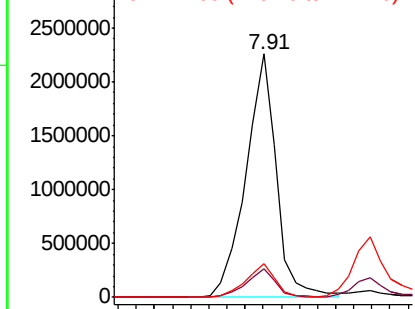
#31
Naphthalene
Concen: 46.592 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion:128 Resp: 2645819
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.6 11.2 16.8

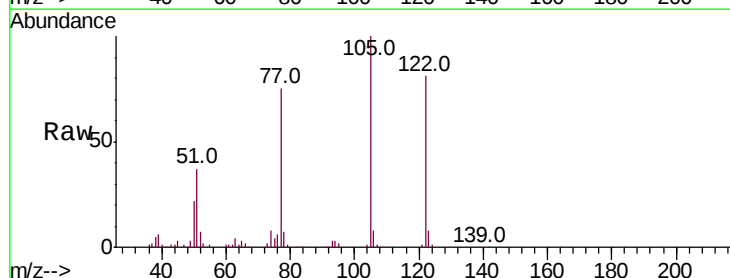


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

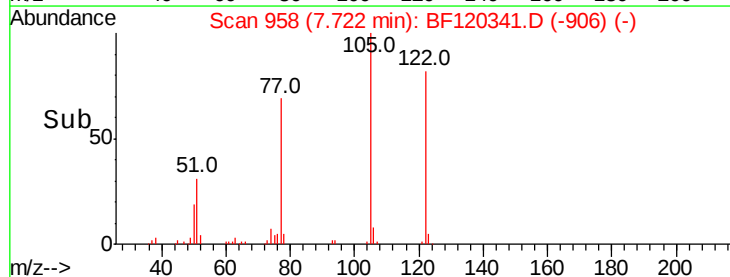
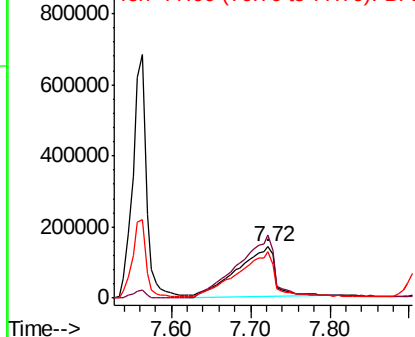


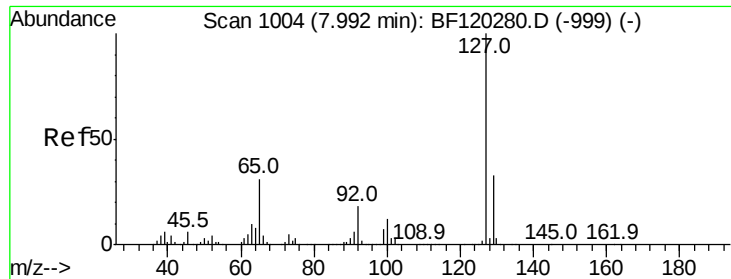
#32
Benzoic acid
Concen: 45.108 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:122 Resp: 475763
Ion Ratio Lower Upper
122 100
105 122.9 98.1 138.1
77 91.6 66.7 106.7



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

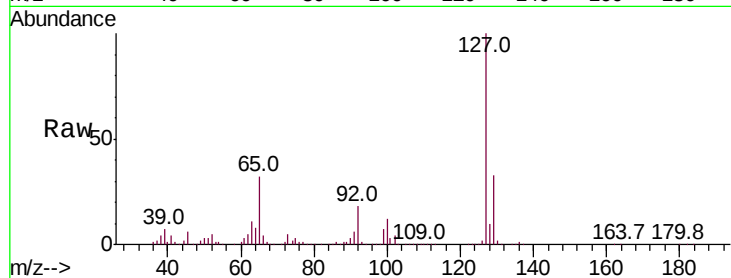




#33
 4-Chloroaniline
 Concen: 29.485 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion:	127	Resp:	763053
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.4	39.6
65	31.5	24.8	37.2
92	18.0	14.5	21.7



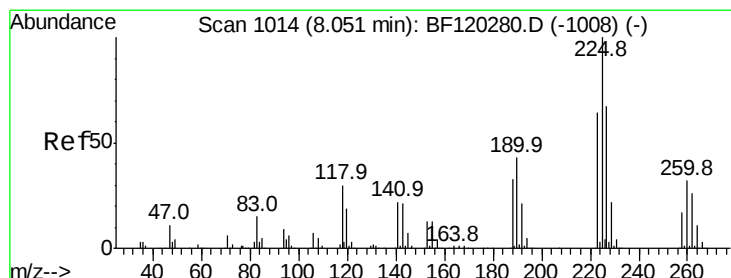
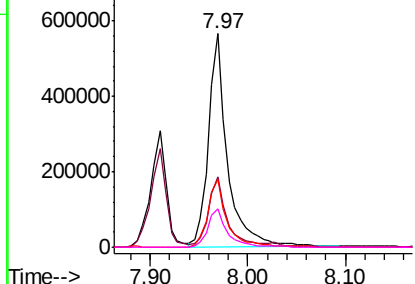
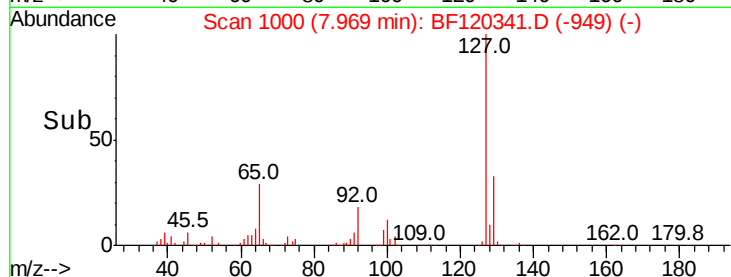
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

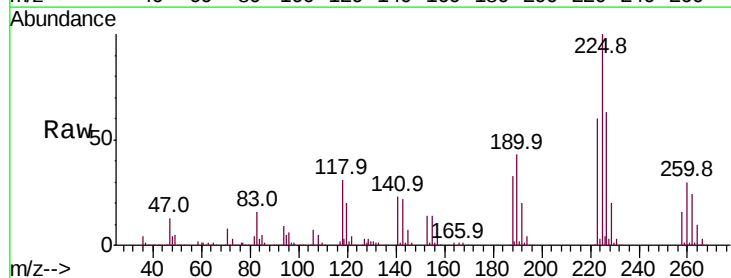
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
 Hexachlorobutadiene
 Concen: 44.200 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion:	225	Resp:	467860
Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.4	77.0
227	63.1	54.0	81.0

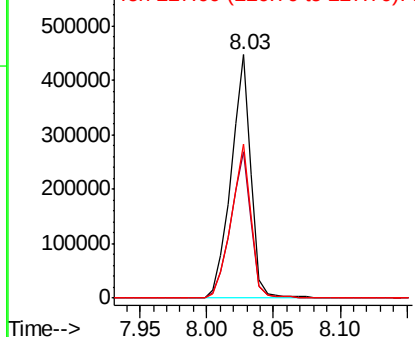
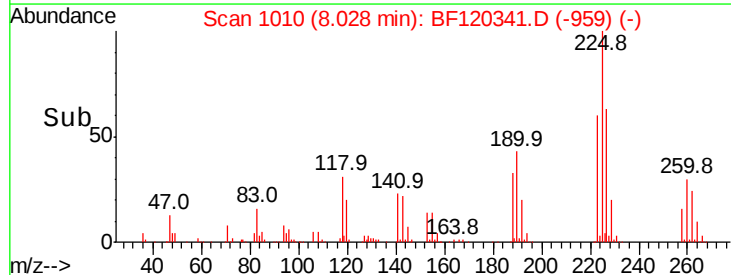


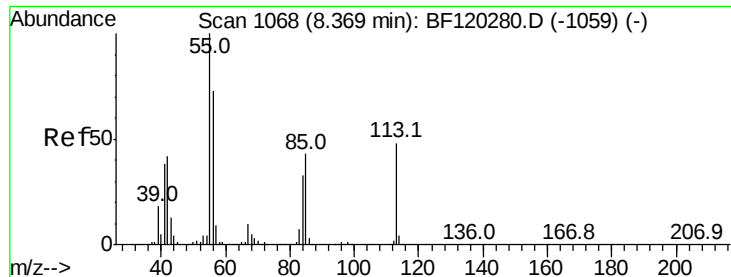
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.646 ng

RT: 8.36 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

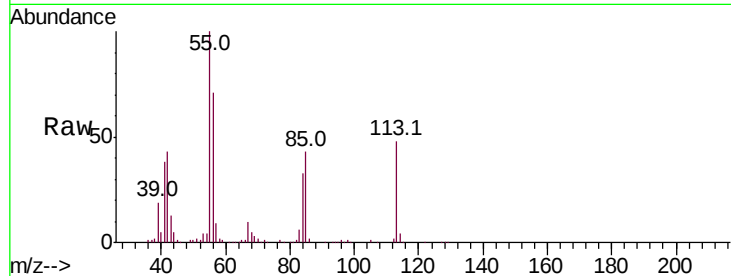
Tot Ion:113 Resp: 133249

Ion Ratio Lower Upper

113 100

55 207.6 190.4 230.4

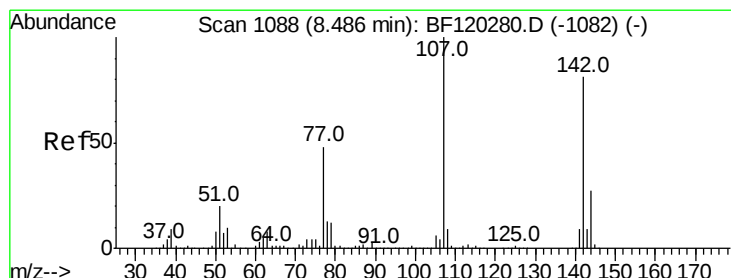
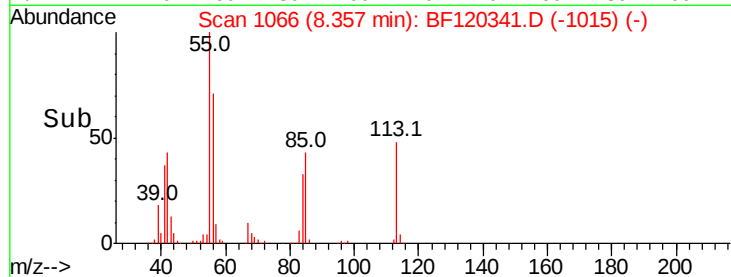
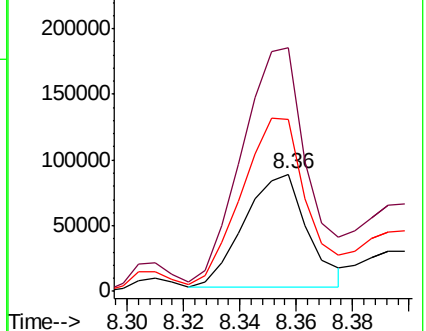
56 146.6 132.7 172.7



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: 51.079 ng

RT: 8.47 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

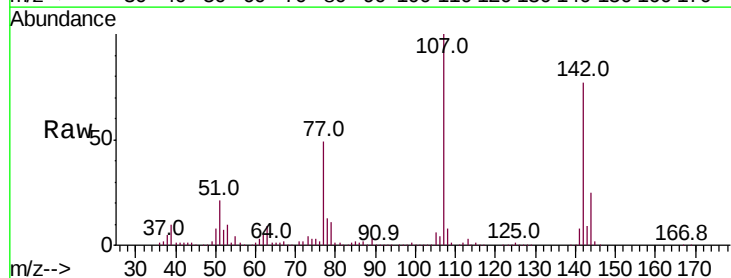
Tgt Ion:107 Resp: 913171

Ion Ratio Lower Upper

107 100

144 25.3 21.4 32.2

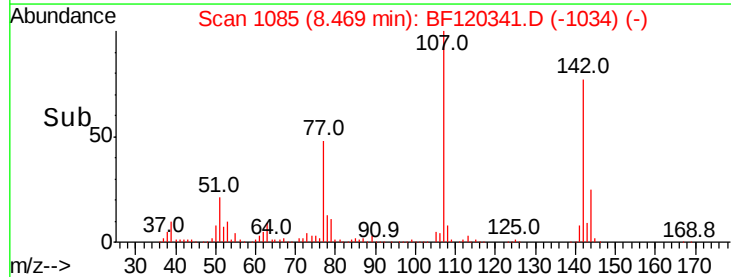
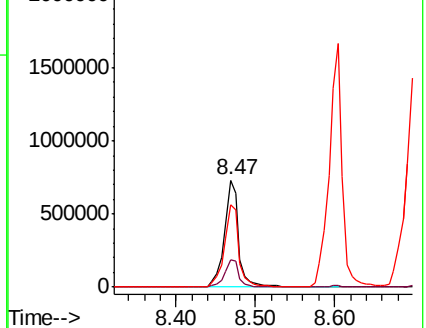
142 77.0 65.1 97.7

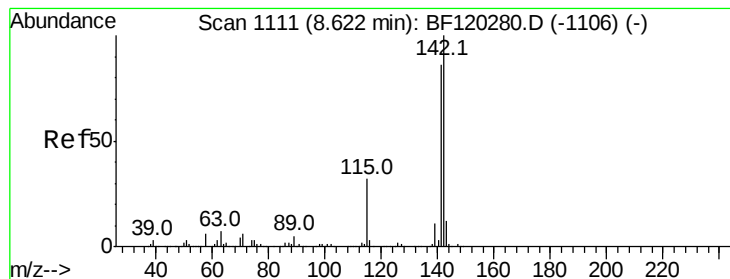


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.039 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

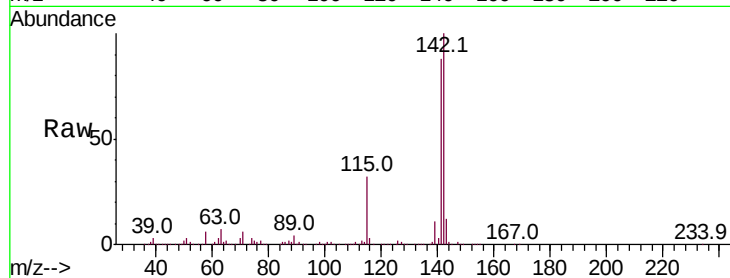
Tot Ion:142 Resp: 1944586

Ion Ratio Lower Upper

142 100

141 88.1 68.8 103.2

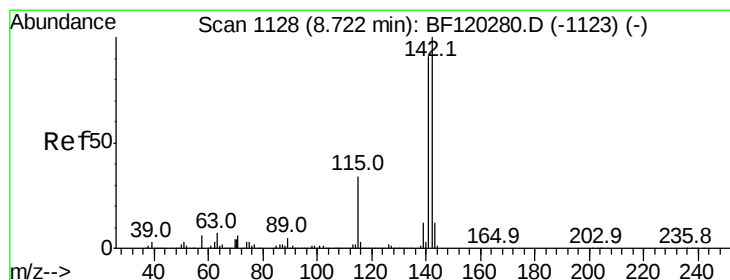
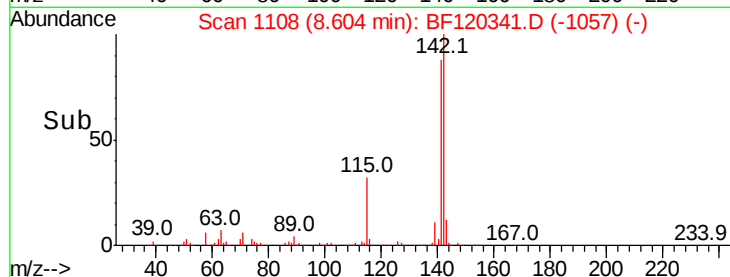
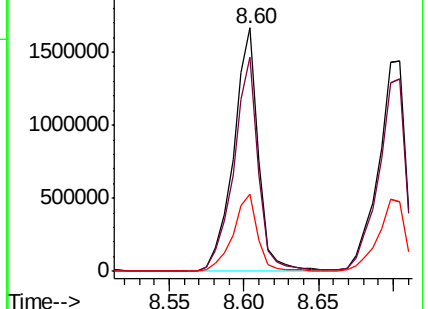
115 31.9 25.7 38.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.001 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

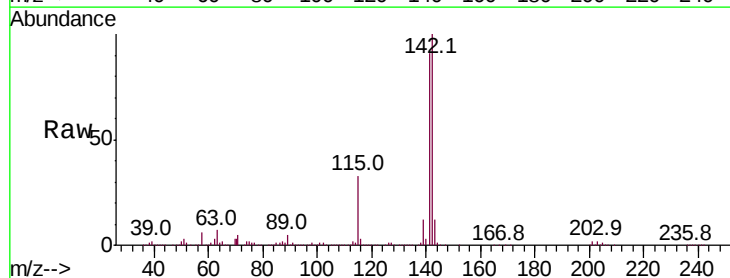
Tgt Ion:142 Resp: 1884562

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.6

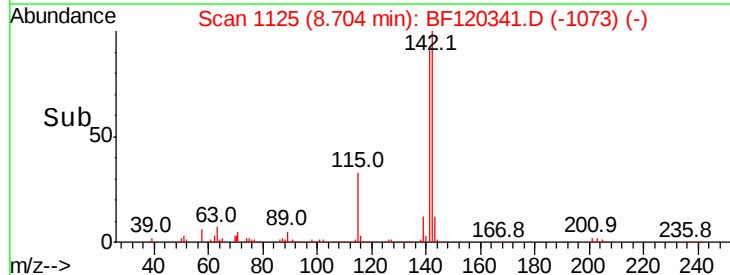
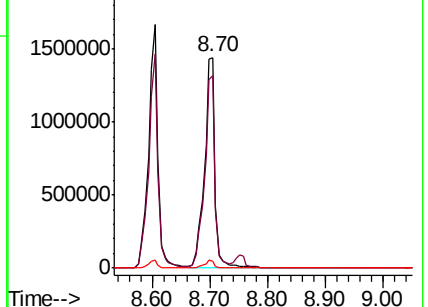
116 3.3 2.7 4.1

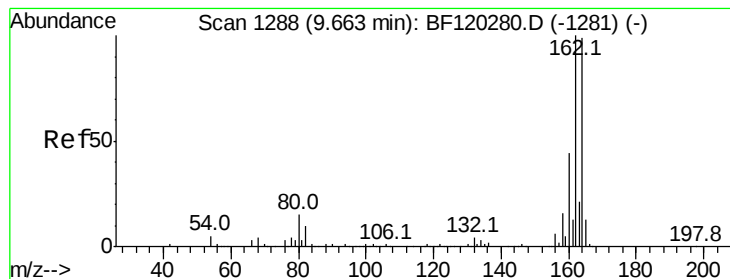


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

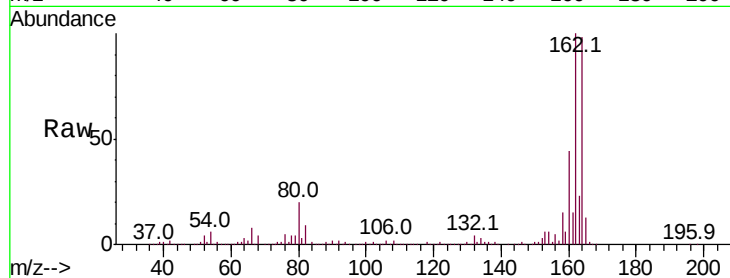
Tot Ion:164 Resp: 679649

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

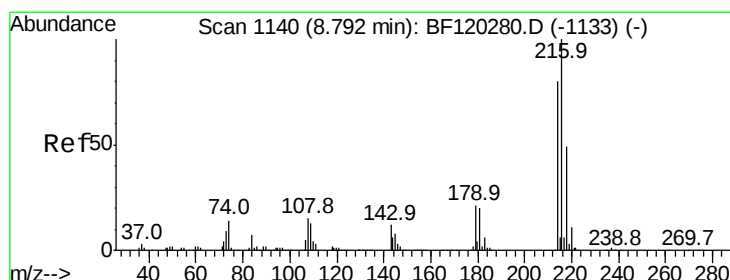
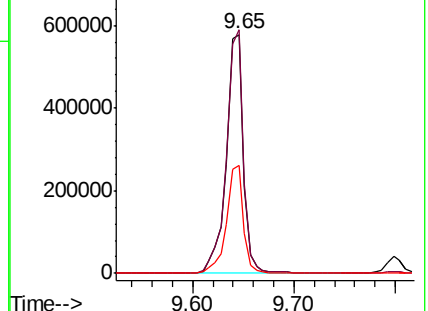
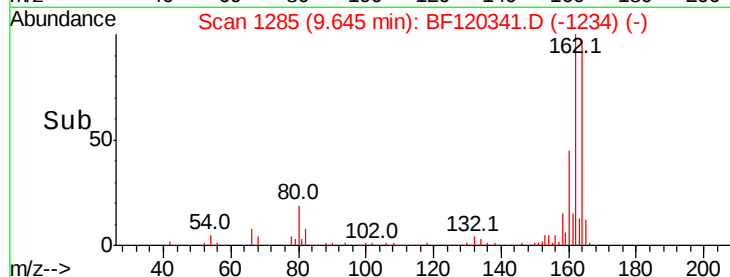
160 45.4 35.8 53.6



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: 50.832 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Tgt Ion:216 Resp: 871138

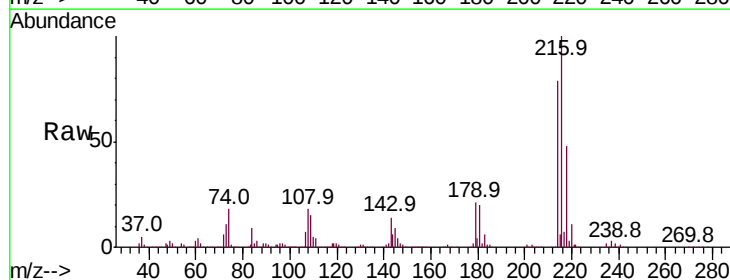
Ion Ratio Lower Upper

216 100

214 78.5 64.0 96.0

179 20.7 16.9 25.3

108 18.5 14.2 21.2

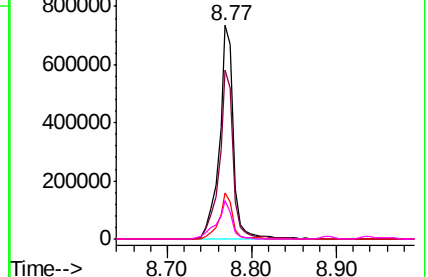
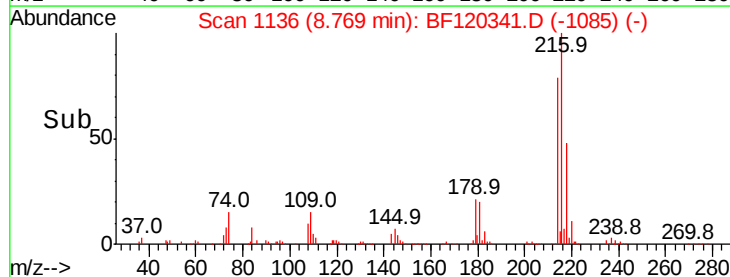


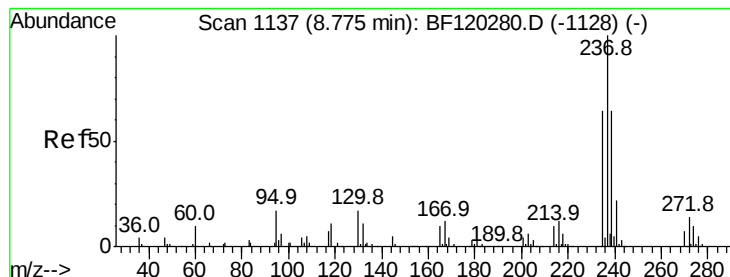
Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.881 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

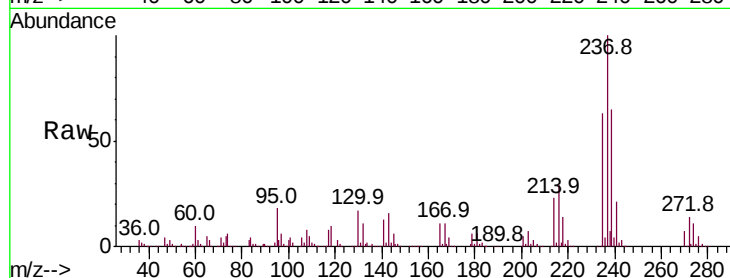
Tot Ion:237 Resp: 757329

Ion Ratio Lower Upper

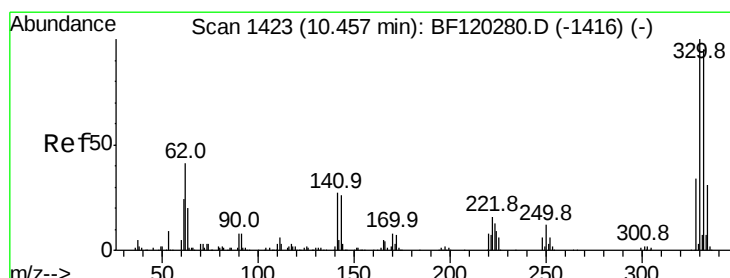
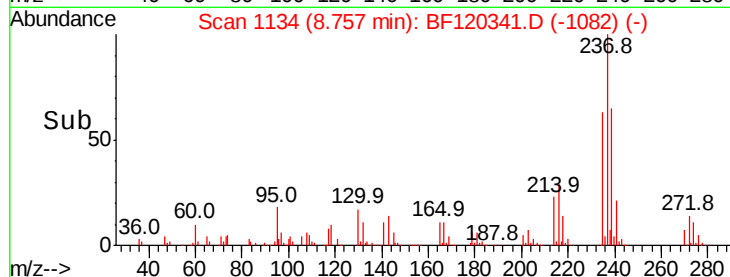
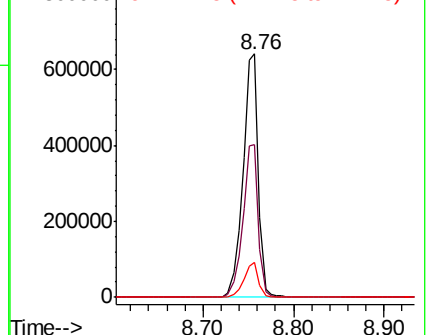
237 100

235 62.6 43.8 83.8

272 14.3 0.0 33.9



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: 128.077 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

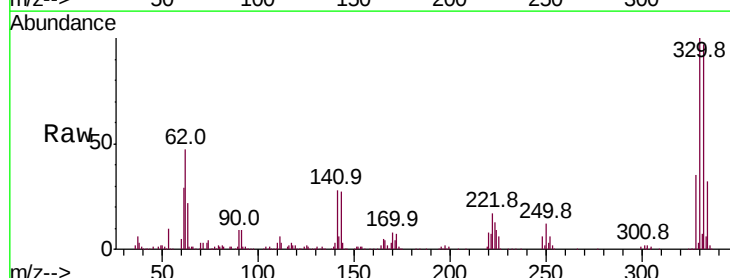
Tgt Ion:330 Resp: 709736

Ion Ratio Lower Upper

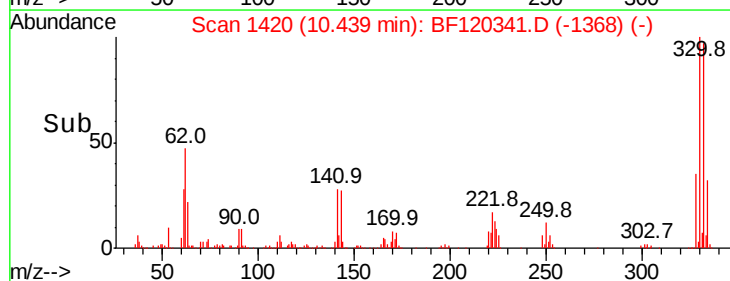
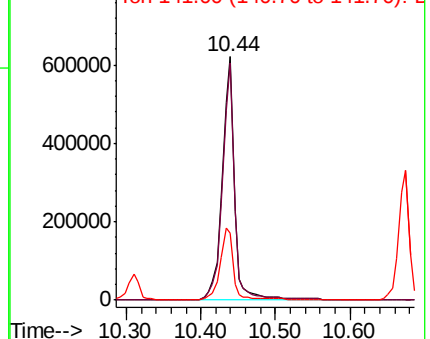
330 100

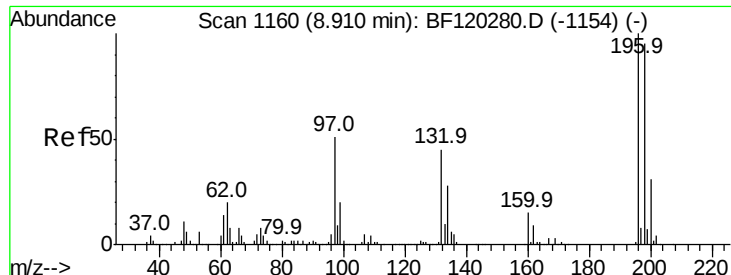
332 95.2 76.5 114.7

141 31.3 25.4 38.0



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

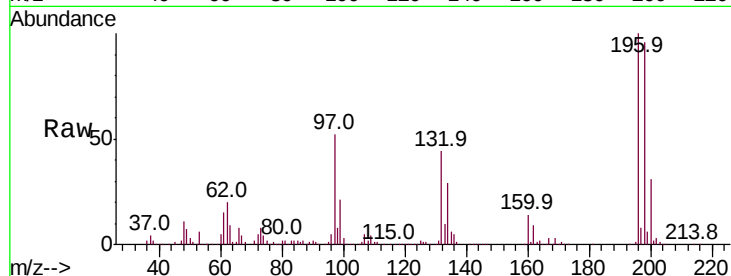




#43
 2,4,6-Trichlorophenol
 Concen: 49.268 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.4
200	31.2	24.9	37.3

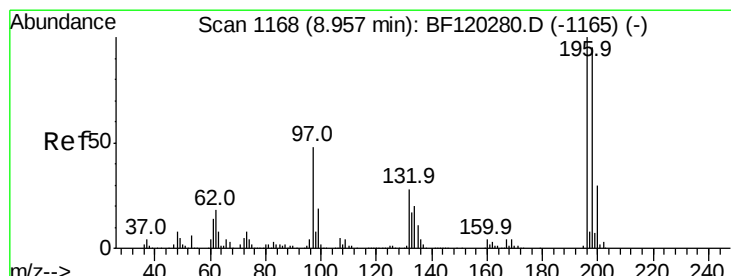
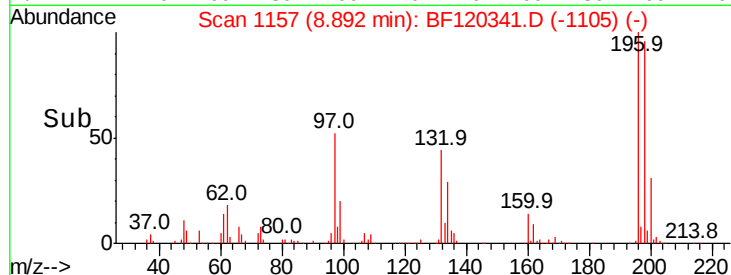
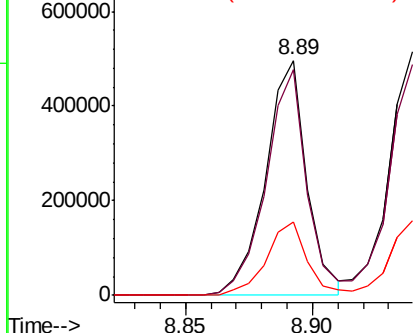


Abundance

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: 46.272 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.2	114.4
97	47.4	38.6	57.8
132	28.9	23.2	34.8

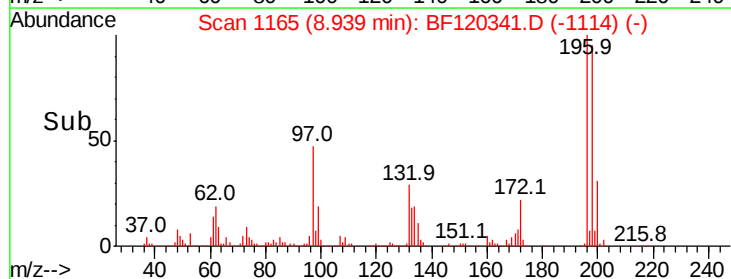
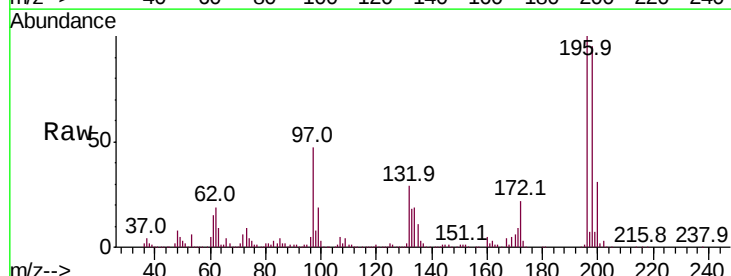
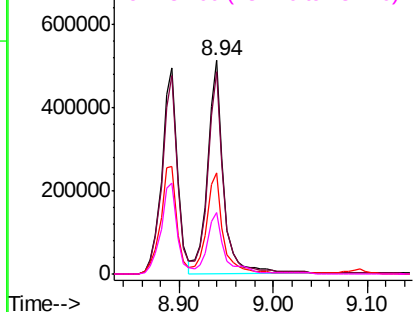
Abundance

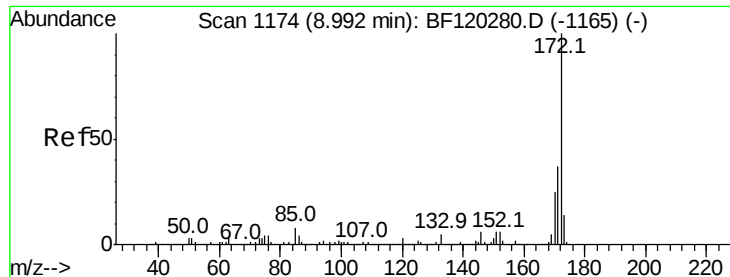
Ion 196.00 (195.70 to 196.70): E

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

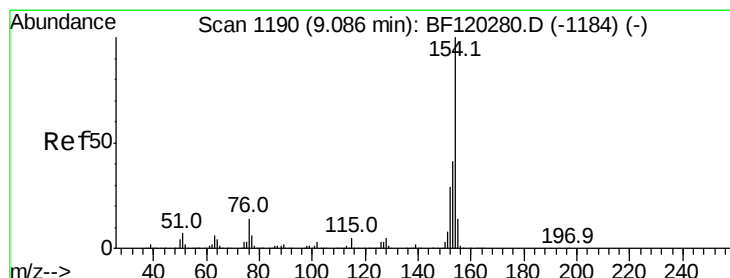
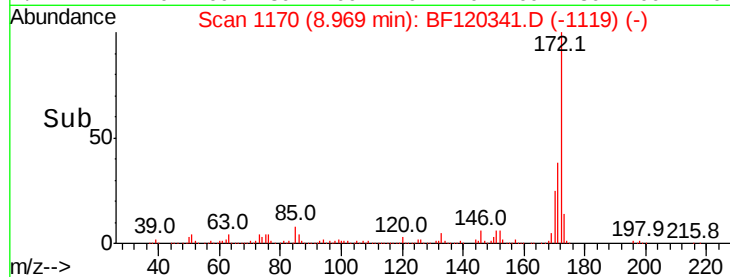
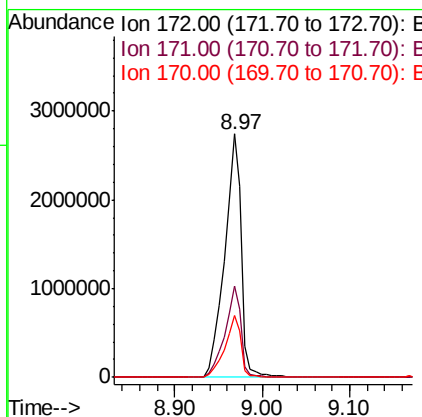
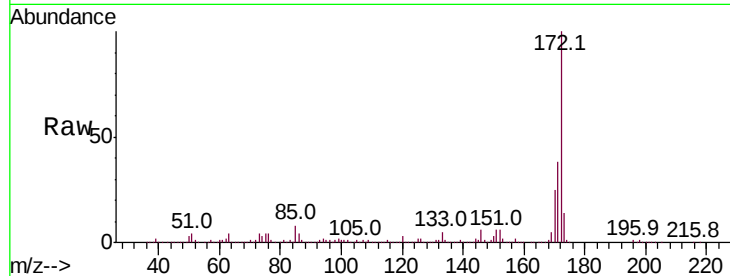




#45
2-Fluorobiphenyl
Concen: 109.481 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

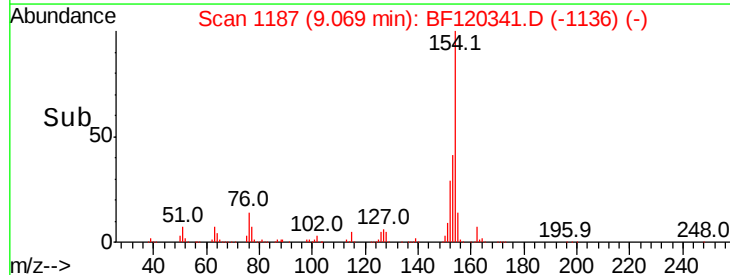
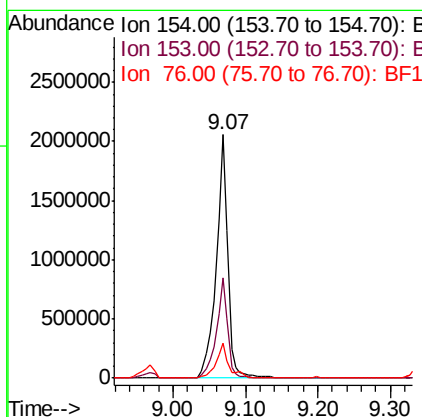
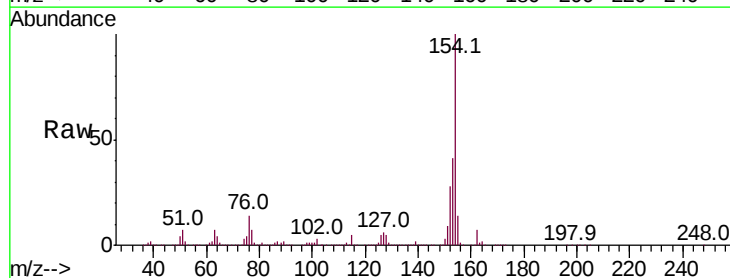
Instrument :
BNA_F
ClientSampleId :
PB128931BS

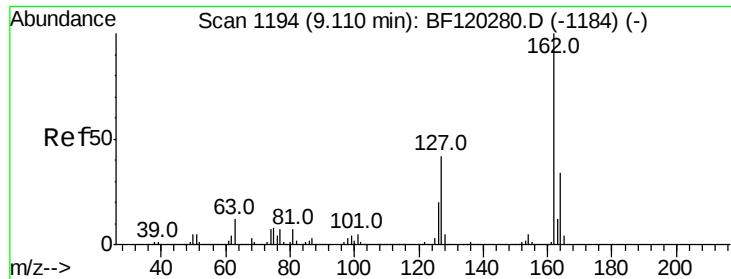
Tot Ion:172 Resp: 3621787
Ion Ratio Lower Upper
172 100
171 37.6 29.7 44.5
170 25.2 19.9 29.9



#46
1,1'-Biphenyl
Concen: 51.710 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:154 Resp: 2302727
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 14.5 0.0 34.3

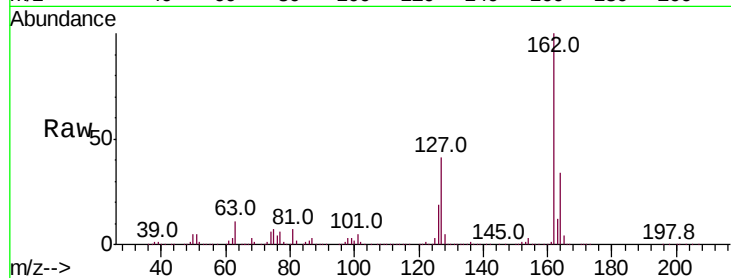




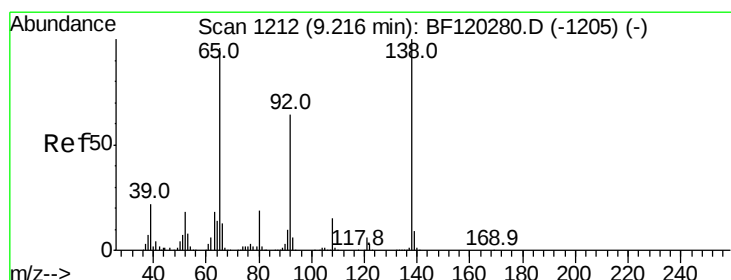
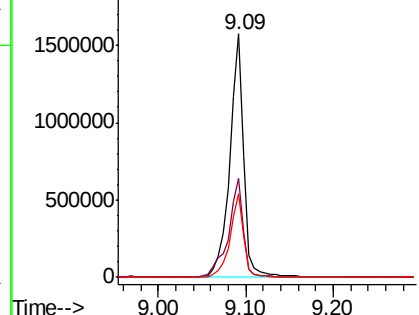
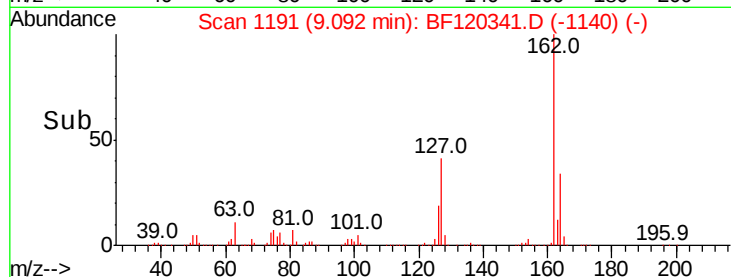
#47
 2-Chloronaphthalene
 Concen: 48.981 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion:162 Resp: 1749650
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.4 50.0
 164 34.1 27.0 40.6

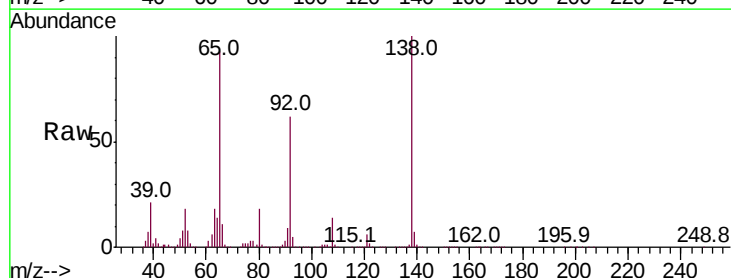


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

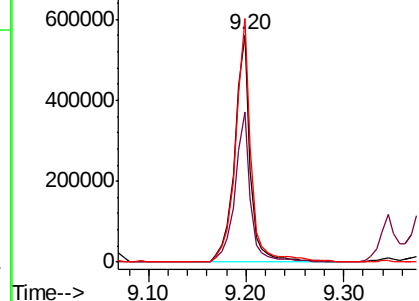
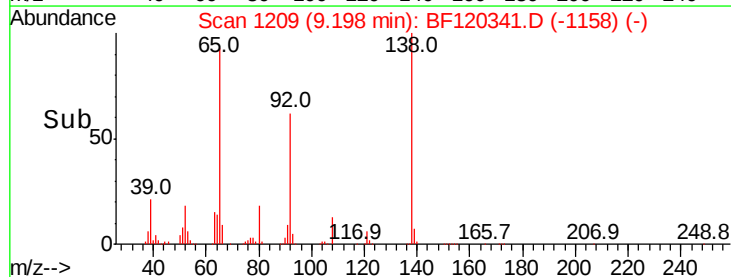


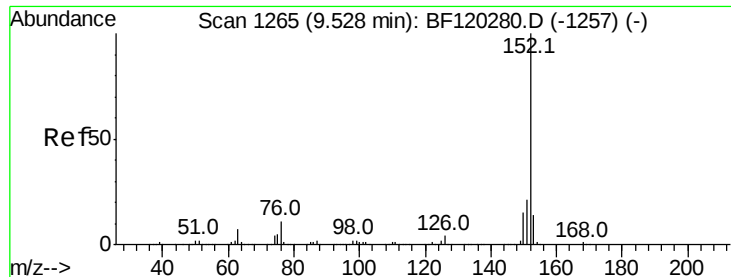
#48
 2-Nitroaniline
 Concen: 47.997 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion: 65 Resp: 625560
 Ion Ratio Lower Upper
 65 100
 92 66.2 52.9 79.3
 138 107.2 83.0 124.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.051 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

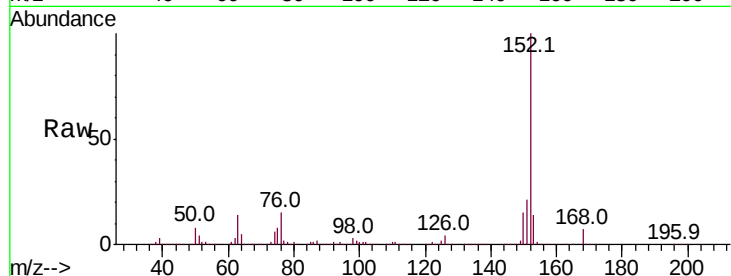
Tot Ion:152 Resp: 2731047

Ion Ratio Lower Upper

152 100

151 21.1 16.6 25.0

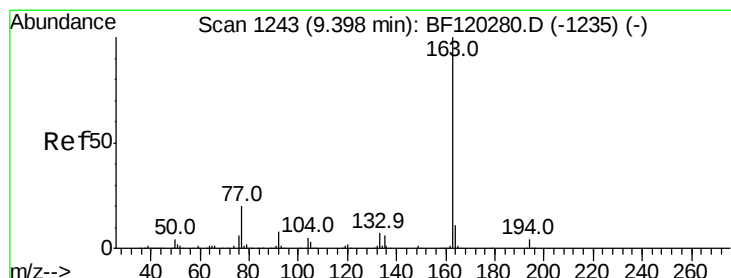
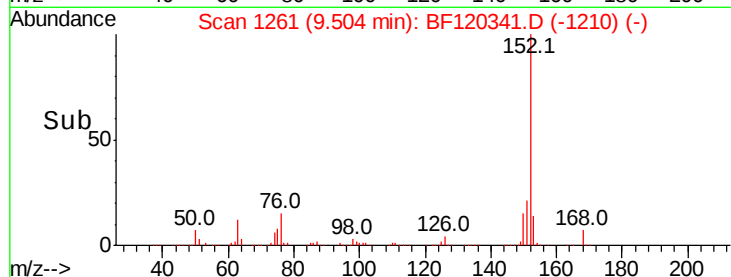
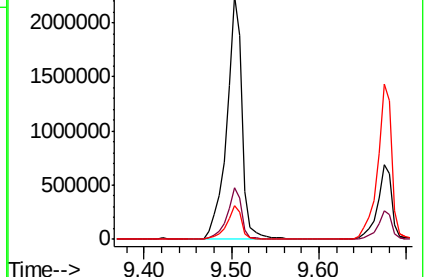
153 14.0 11.1 16.7



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: 47.712 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

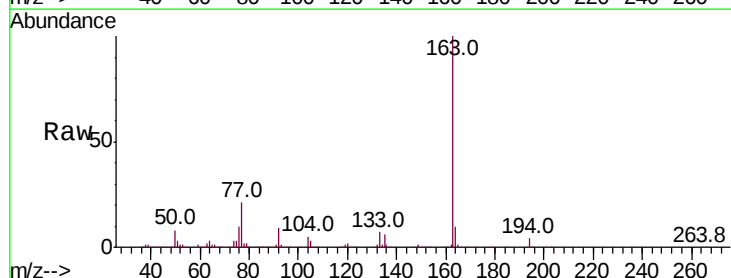
Tgt Ion:163 Resp: 2049868

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

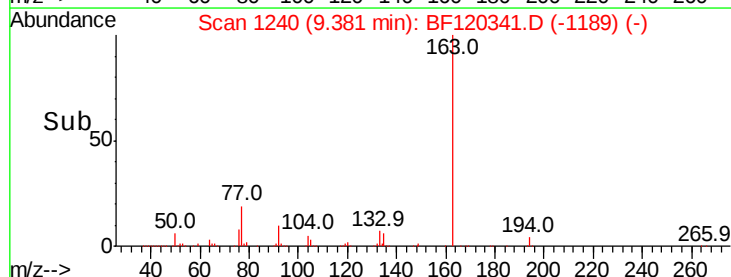
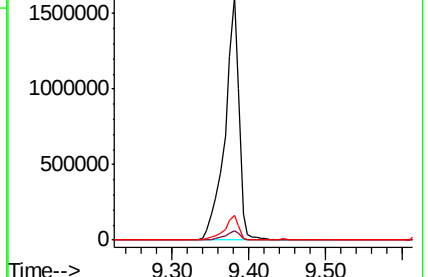
164 10.4 8.6 12.8

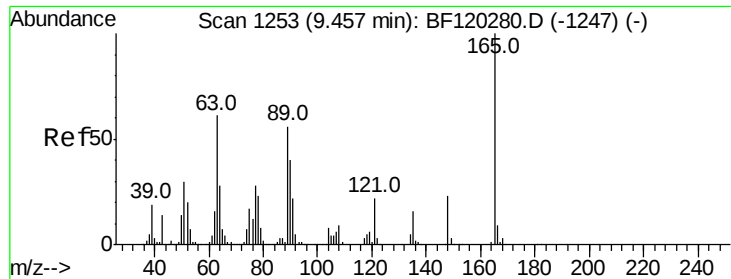


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

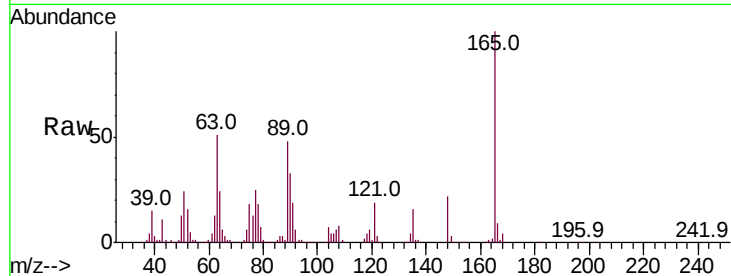




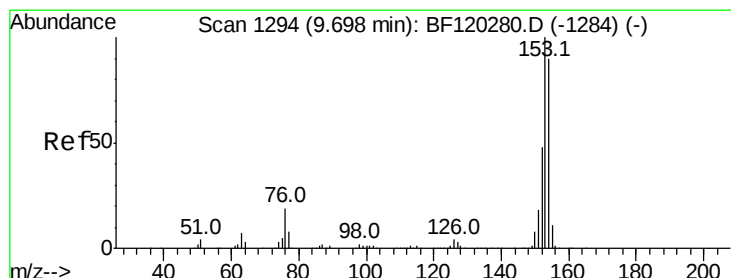
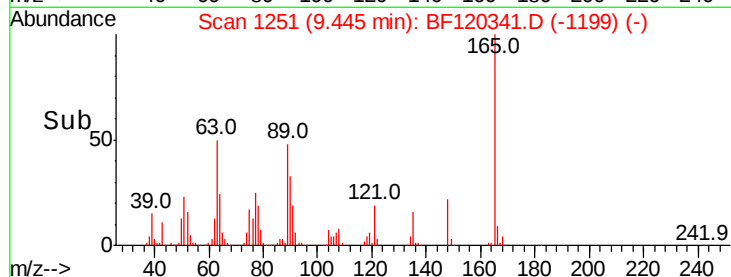
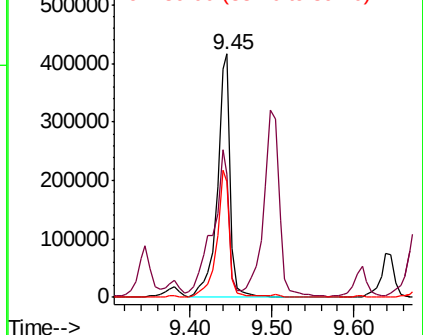
#51
2,6-Dinitrotoluene
Concen: 48.254 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampled :
PB128931BS

Tot Ion:165 Resp: 462709
Ion Ratio Lower Upper
165 100
63 50.9 50.2 75.2
89 47.7 44.6 66.8

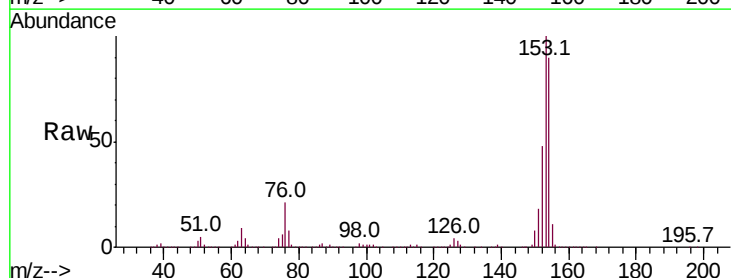


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

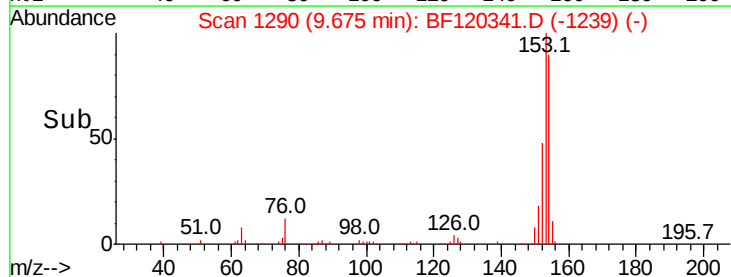
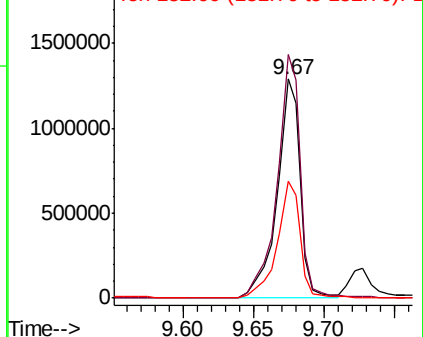


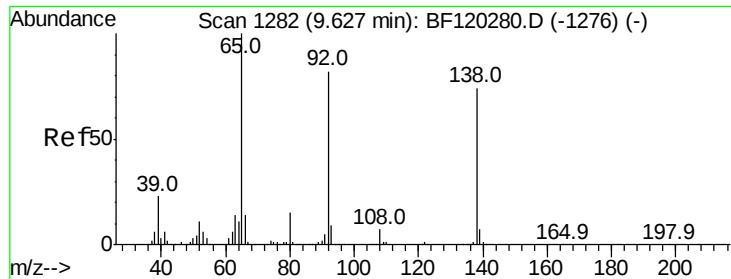
#52
Acenaphthene
Concen: 44.737 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:154 Resp: 1463196
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.4
152 53.2 42.6 64.0



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

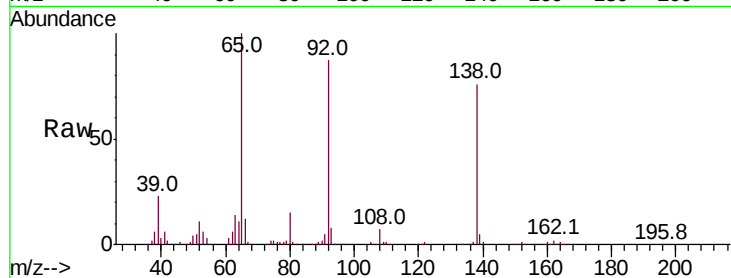




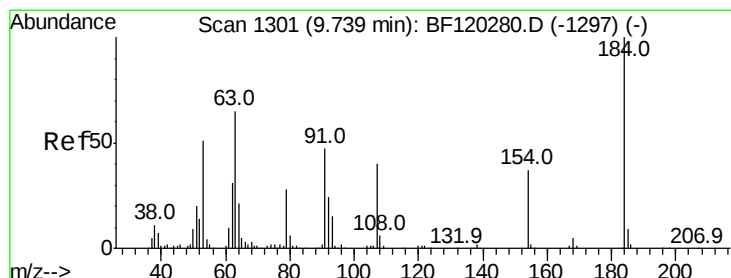
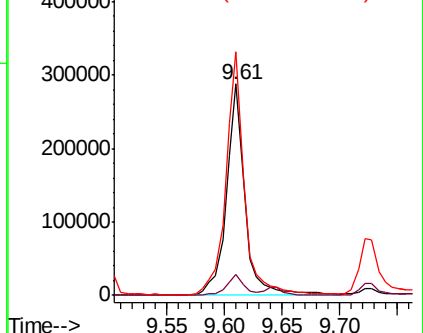
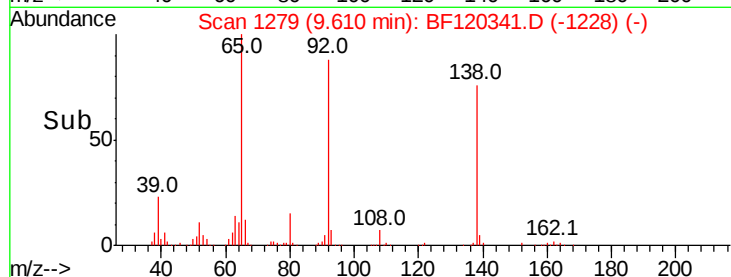
#53
3-Nitroaniline
Concen: 27.900 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion:138 Resp: 319043
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.2
92 115.2 89.6 134.4

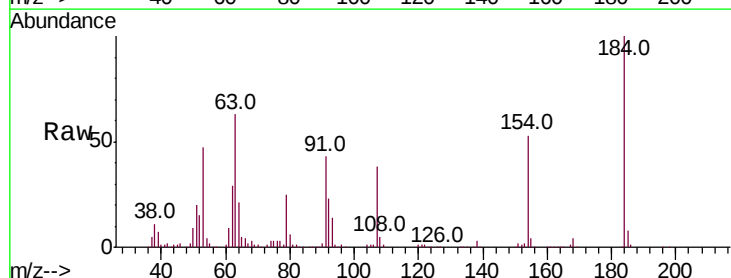


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

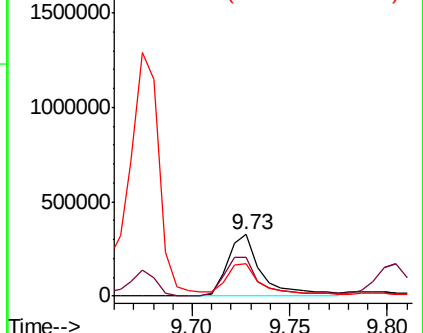
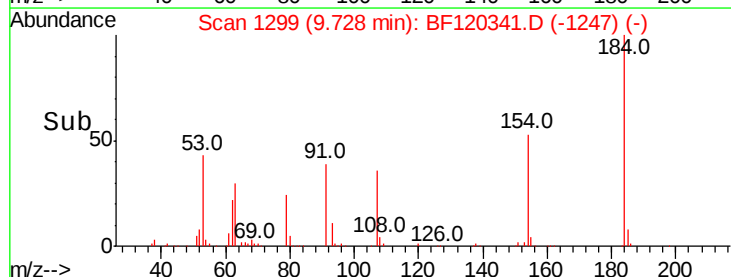


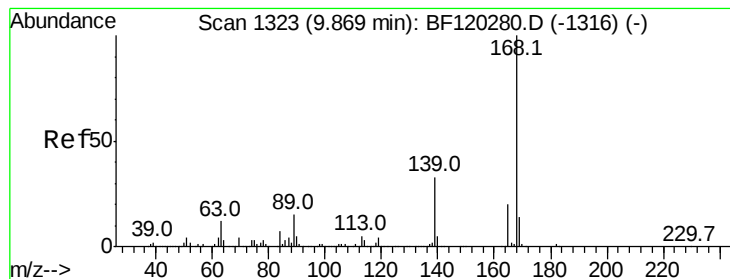
#54
2,4-Dinitrophenol
Concen: 88.300 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:184 Resp: 399674
Ion Ratio Lower Upper
184 100
63 63.0 53.6 80.4
154 53.3 46.8 70.2



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: 45.606 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

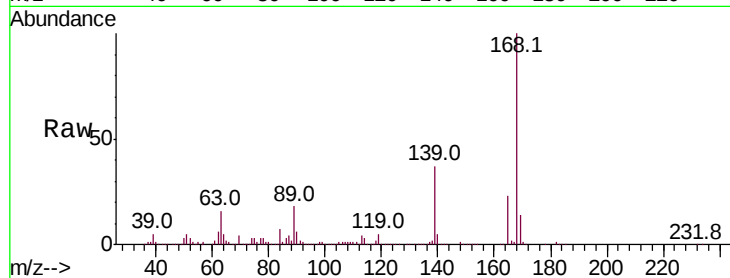
Tot Ion:168 Resp: 2148049

Ion Ratio Lower Upper

168 100

139 36.5 29.8 44.6

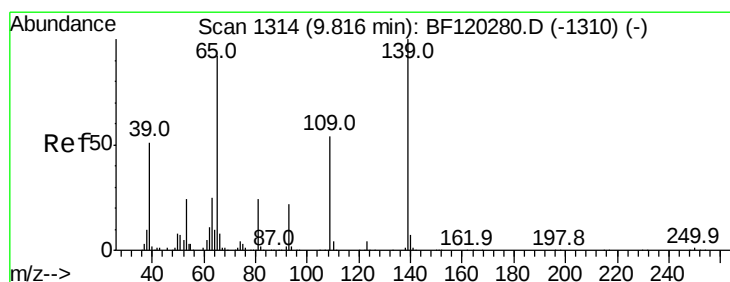
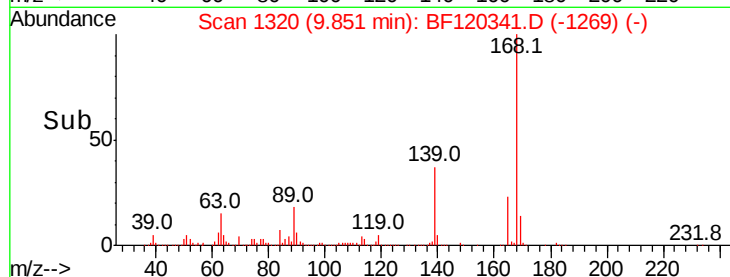
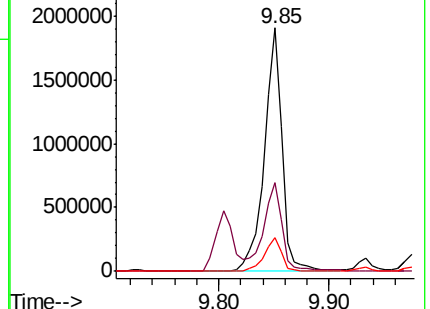
169 14.0 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.394 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

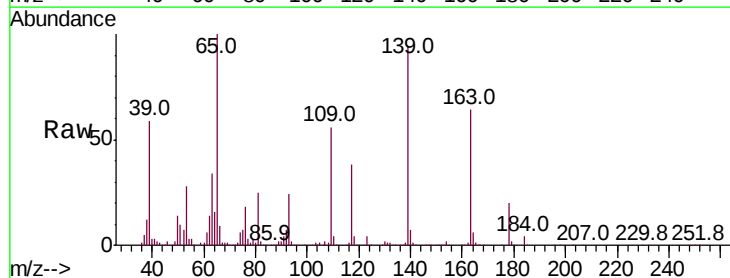
Tgt Ion:139 Resp: 524687

Ion Ratio Lower Upper

139 100

109 59.2 34.6 74.6

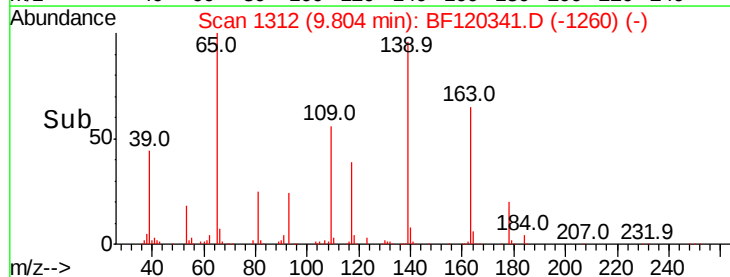
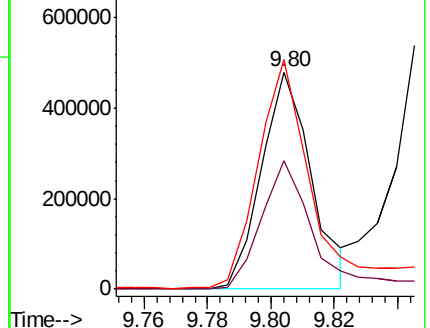
65 106.1 73.3 113.3

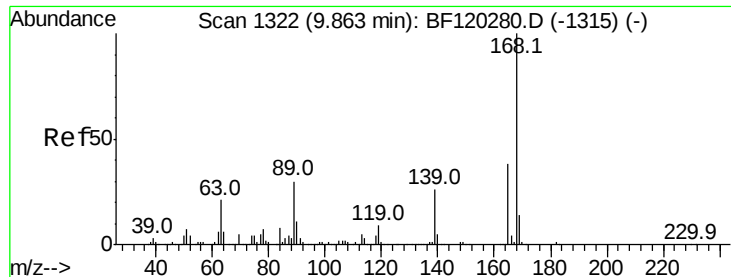


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

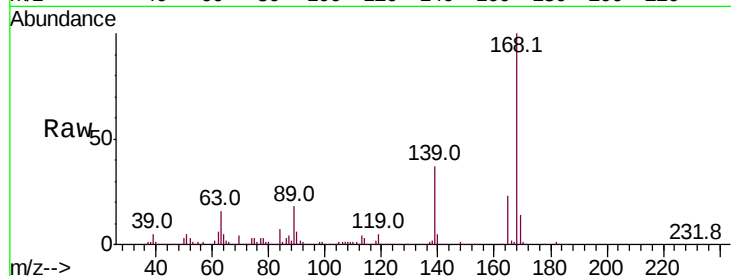




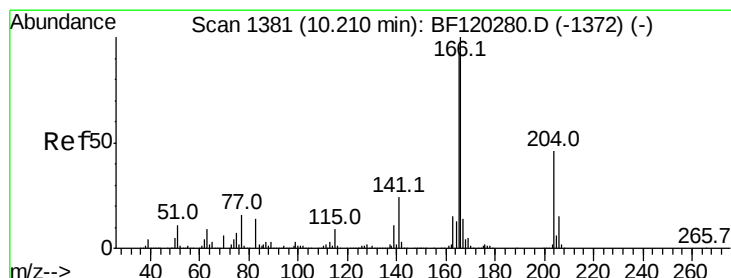
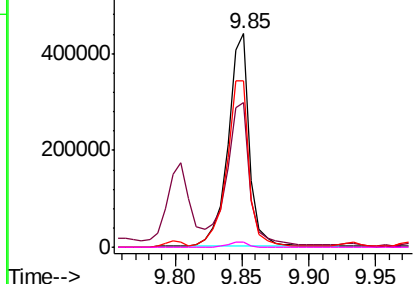
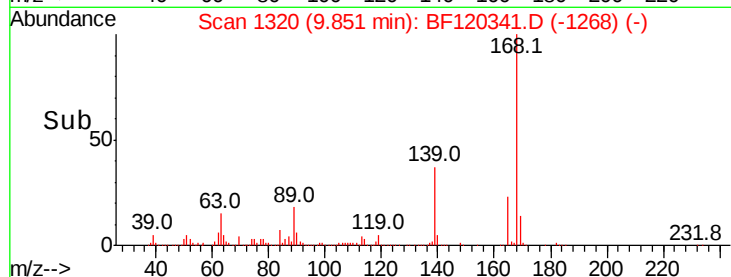
#57
 2,4-Dinitrotoluene
 Concen: 43.936 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion:165 Resp: 494210
 Ion Ratio Lower Upper
 165 100
 63 67.5 51.8 77.8
 89 78.1 64.2 96.4
 182 2.4 2.0 3.0

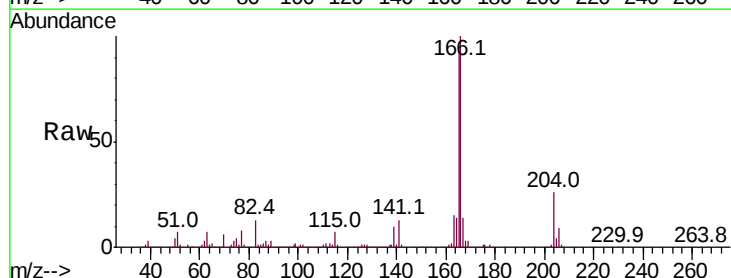


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

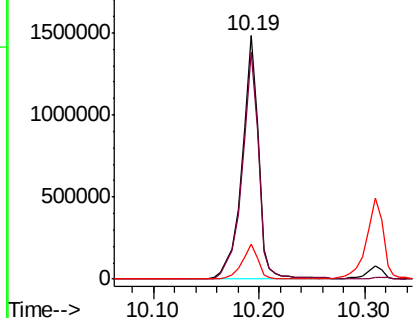
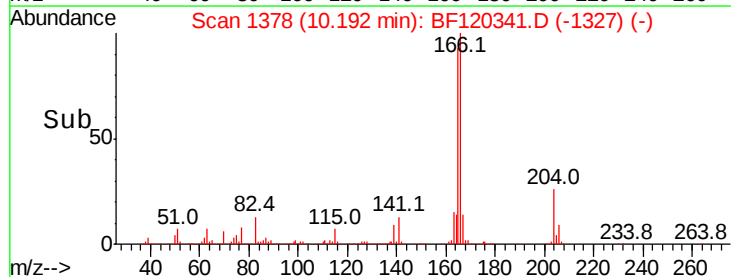


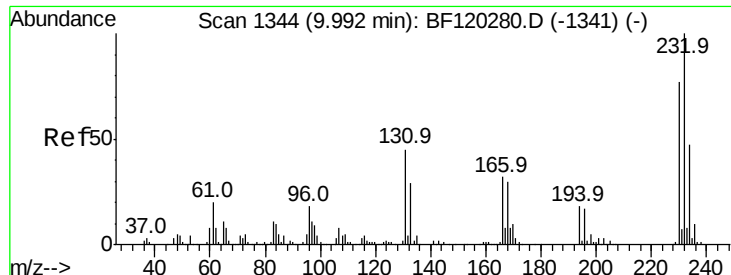
#58
 Fluorene
 Concen: 44.059 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion:166 Resp: 1580394
 Ion Ratio Lower Upper
 166 100
 165 93.3 74.7 112.1
 167 14.3 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

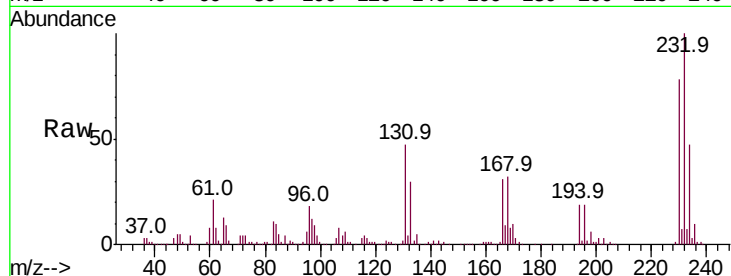




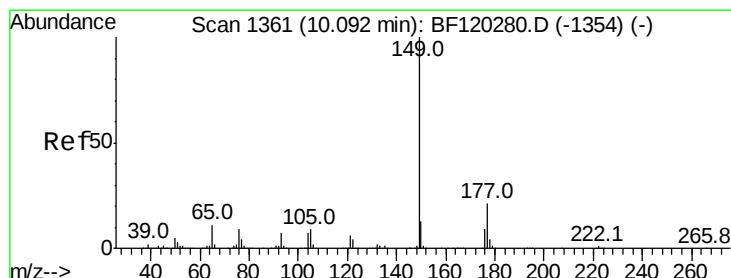
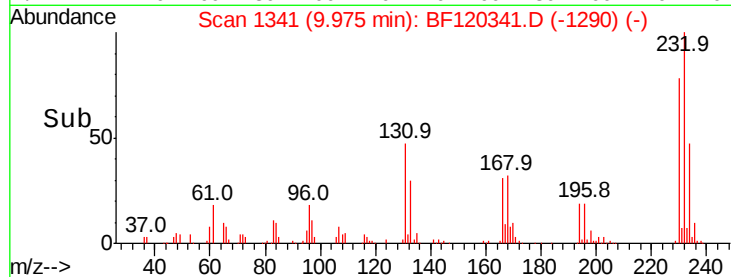
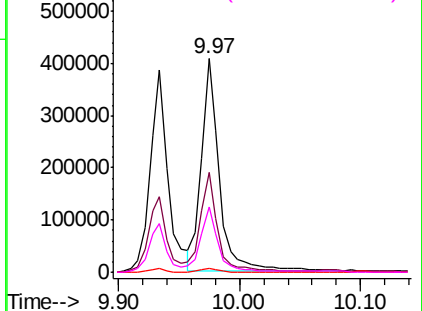
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.247 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion:	232	Resp:	420017
Ion	Ratio	Lower	Upper
232	100		
131	47.0	34.1	51.1
130	1.9	1.7	2.5
166	30.2	23.3	34.9

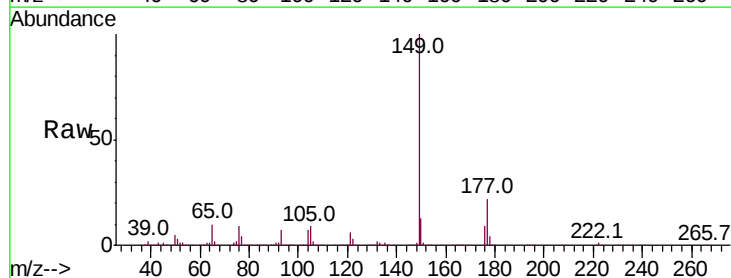


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

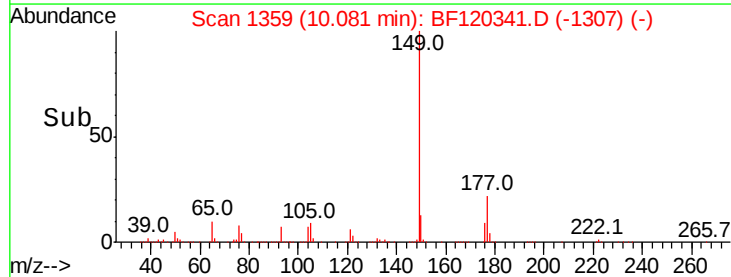
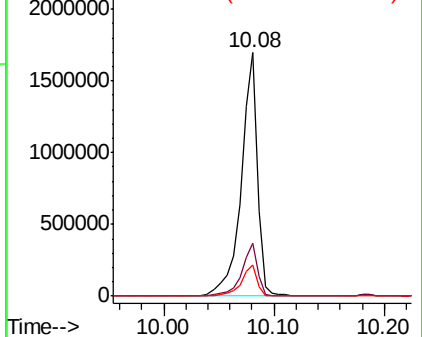


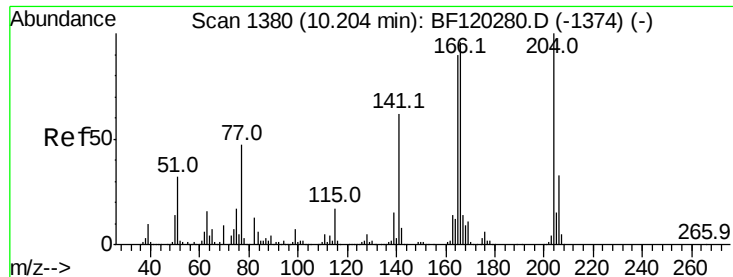
#60
 Diethylphthalate
 Concen: 42.178 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion:	149	Resp:	1749465
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.6	10.3	15.5



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

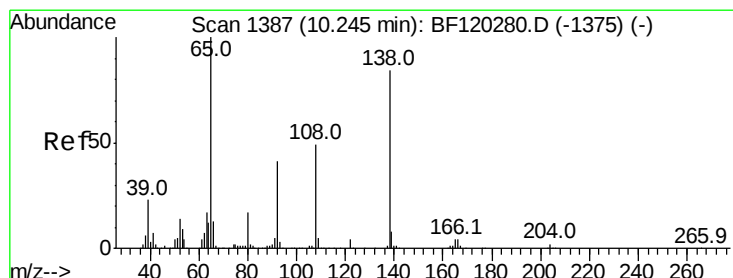
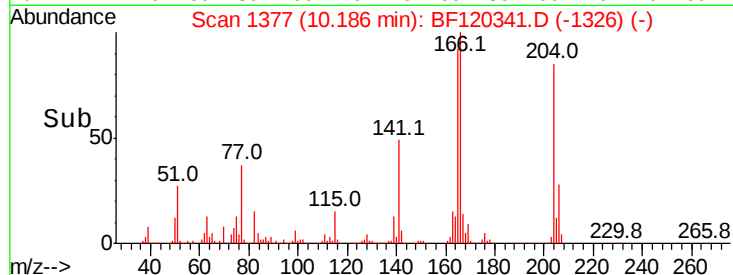
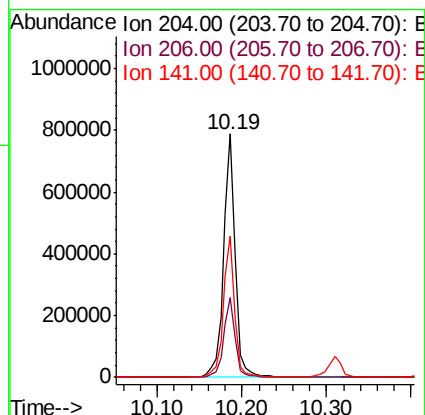
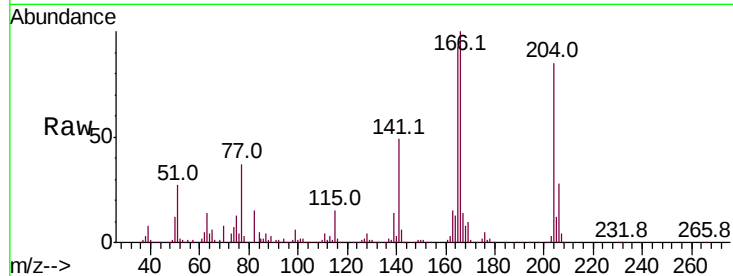




#61
4-Chlorophenyl-phenylether
Concen: 41.044 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

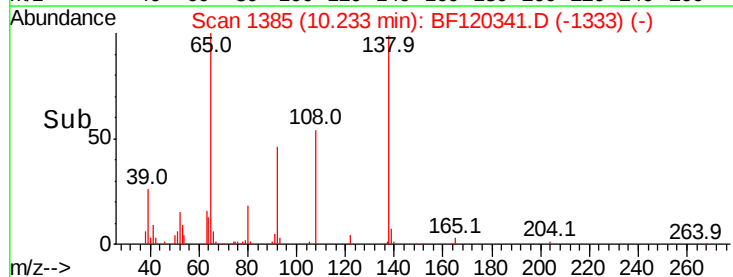
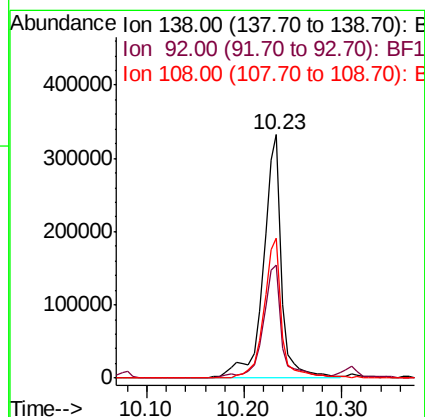
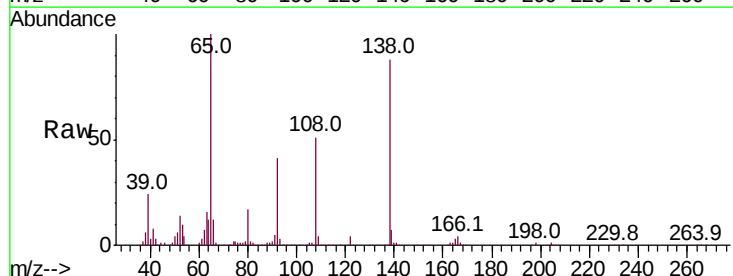
Instrument :
BNA_F
ClientSampleId :
PB128931BS

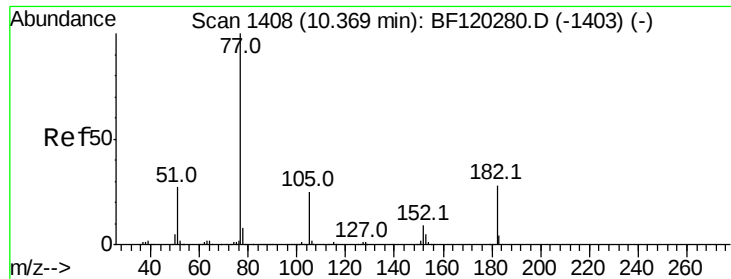
Tot Ion:204 Resp: 765448
Ion Ratio Lower Upper
204 100
206 32.5 26.8 40.2
141 57.8 49.5 74.3



#62
4-Nitroaniline
Concen: 41.154 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:138 Resp: 438210
Ion Ratio Lower Upper
138 100
92 46.5 28.9 68.9
108 57.6 38.4 78.4

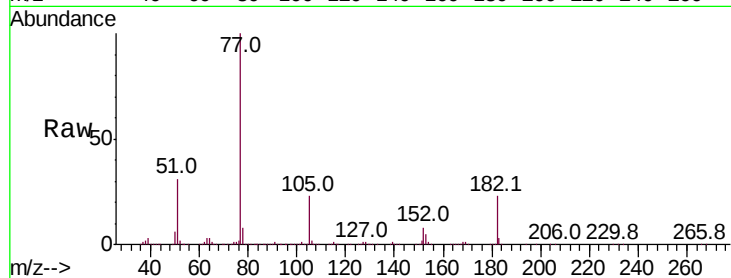




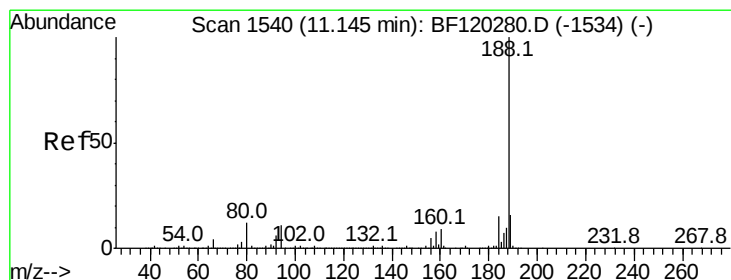
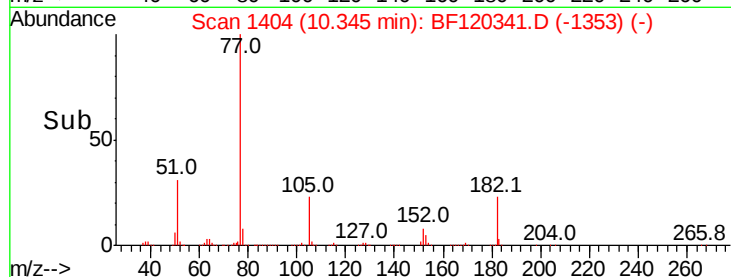
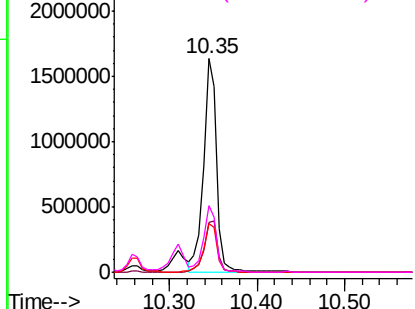
#63
Azobenzene
Concen: 43.304 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion: 77 Resp: 1697593
Ion Ratio Lower Upper
77 100
182 23.3 7.4 47.4
105 23.0 4.4 44.4
51 31.0 8.3 48.3

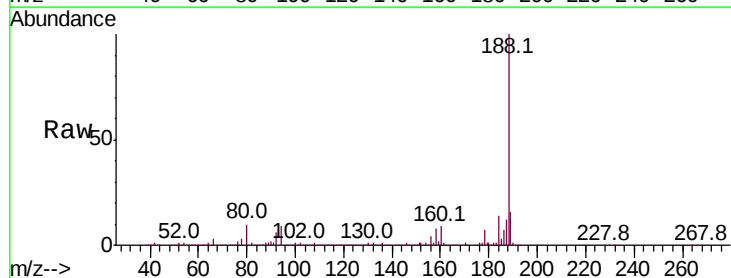


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

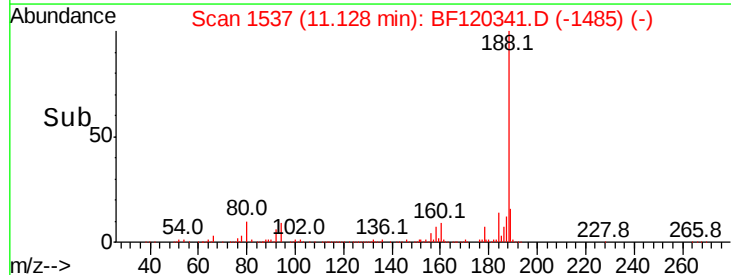
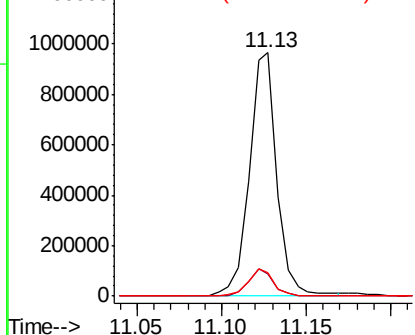


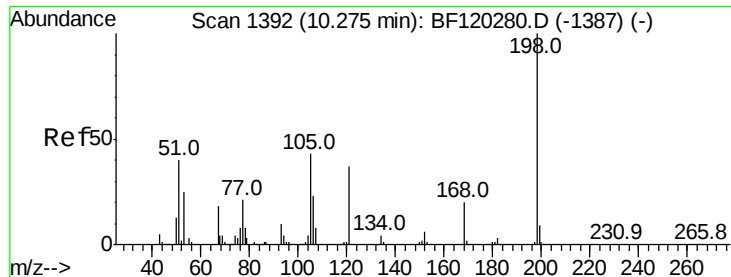
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion: 188 Resp: 1094839
Ion Ratio Lower Upper
188 100
94 9.3 8.6 13.0
80 9.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
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: 50.226 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

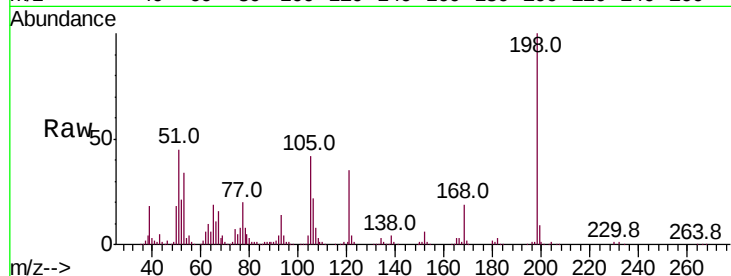
Tot Ion:198 Resp: 278101

Ion Ratio Lower Upper

198 100

51 44.8 27.1 67.1

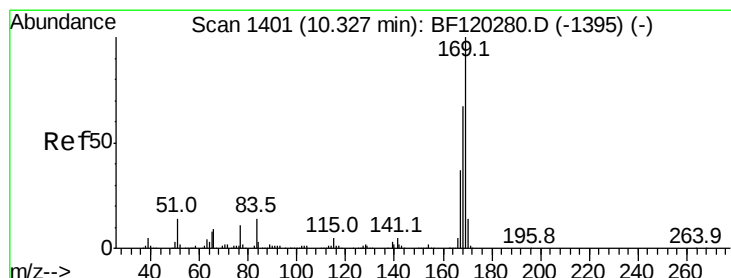
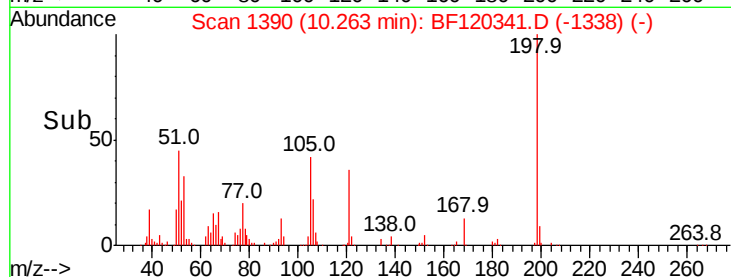
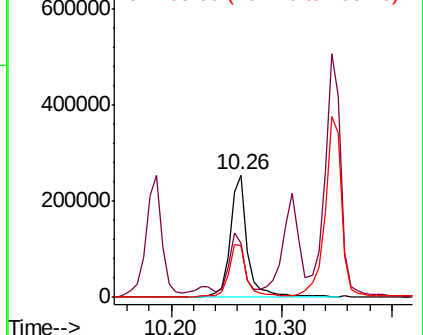
105 42.1 24.3 64.3



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: 49.229 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

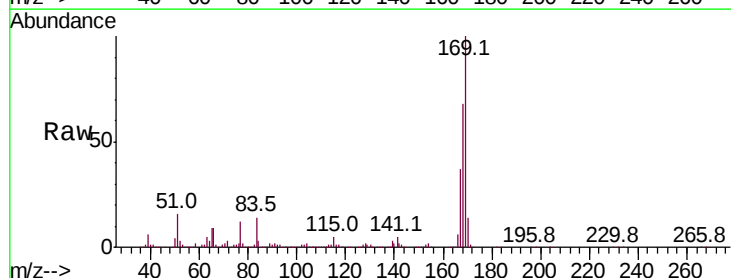
Tgt Ion:169 Resp: 1491119

Ion Ratio Lower Upper

169 100

168 68.0 53.7 80.5

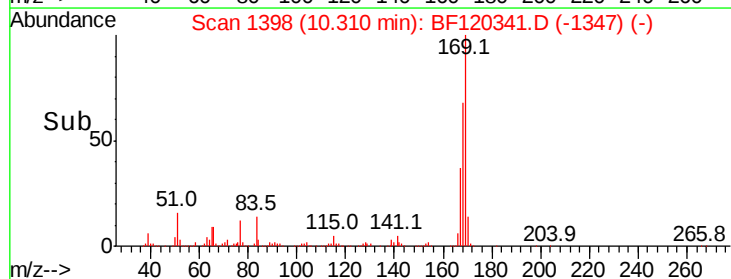
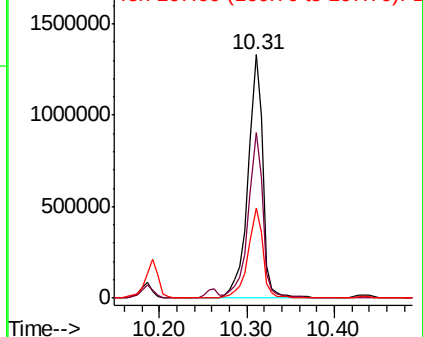
167 36.9 29.8 44.6

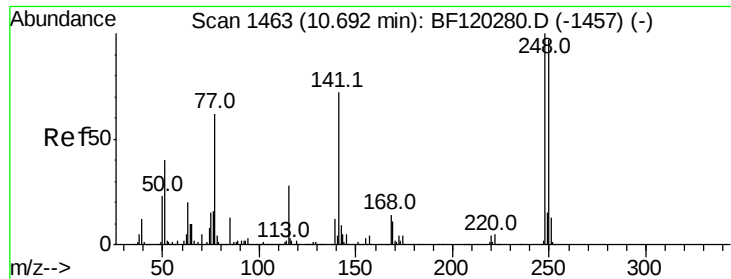


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

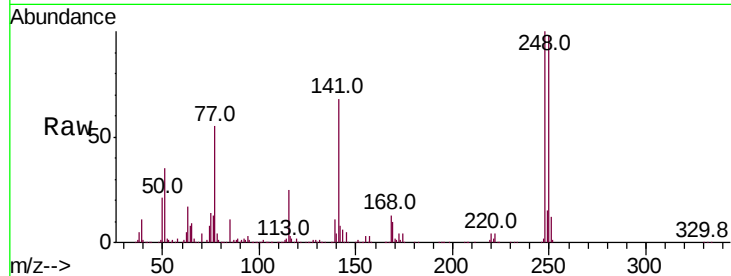




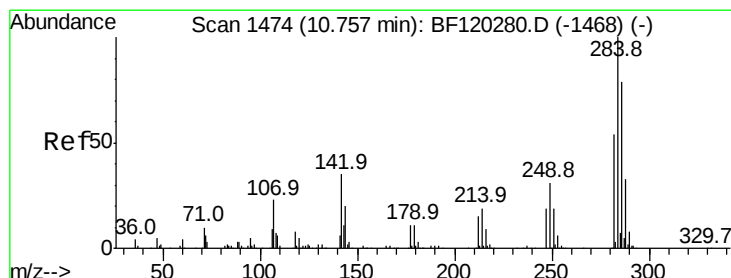
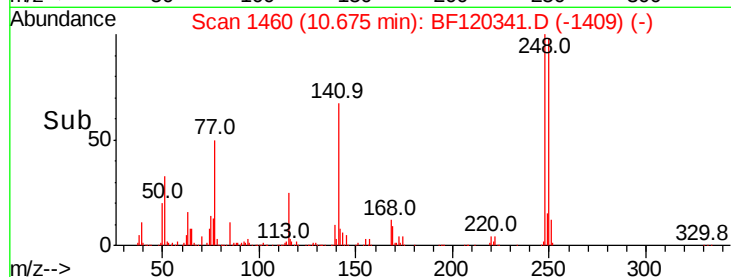
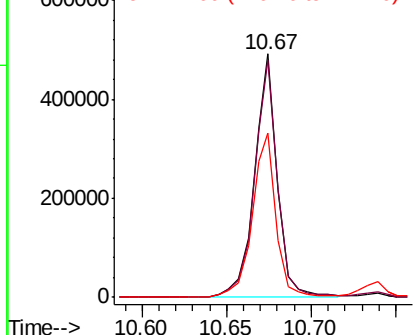
#67
4-Bromophenyl-phenylether
Concen: 43.539 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion:248 Resp: 462564
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.6
141 67.6 57.7 86.5

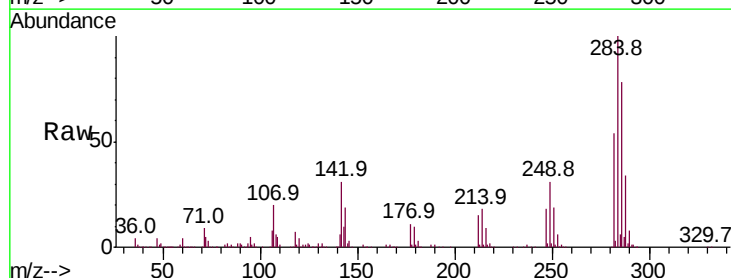


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

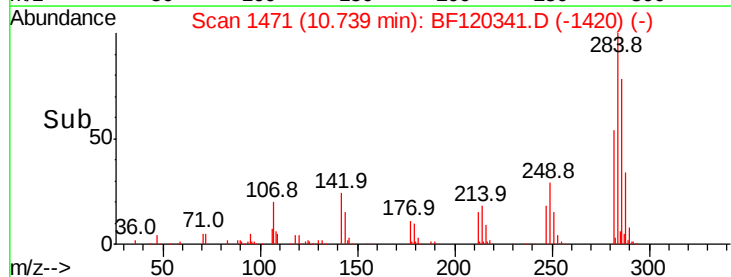
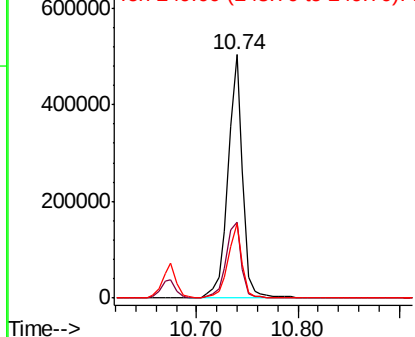


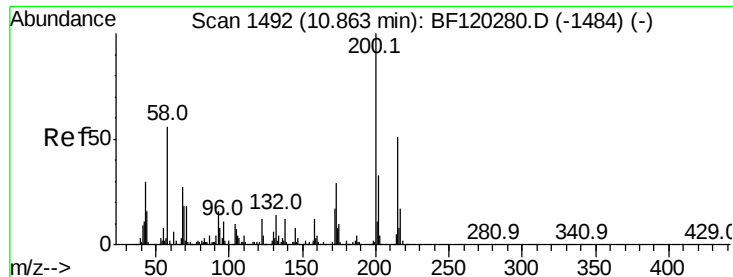
#68
Hexachlorobenzene
Concen: 45.344 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:284 Resp: 503981
Ion Ratio Lower Upper
284 100
142 31.4 28.5 42.7
249 30.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.504 ng

RT: 10.85 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

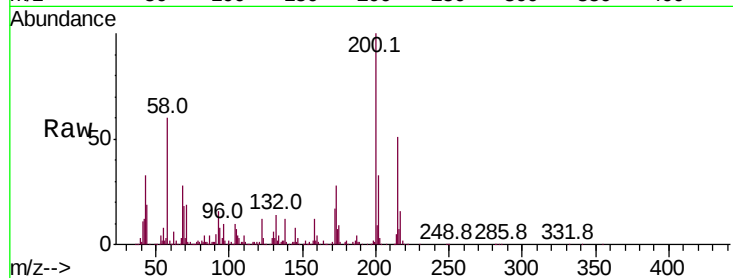
Tot Ion:200 Resp: 394297

Ion Ratio Lower Upper

200 100

173 28.3 8.7 48.7

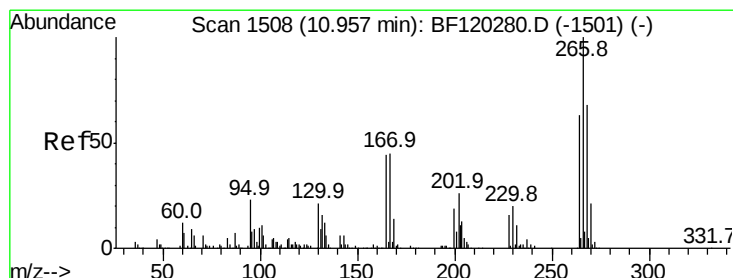
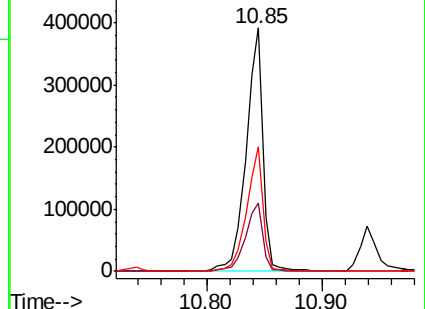
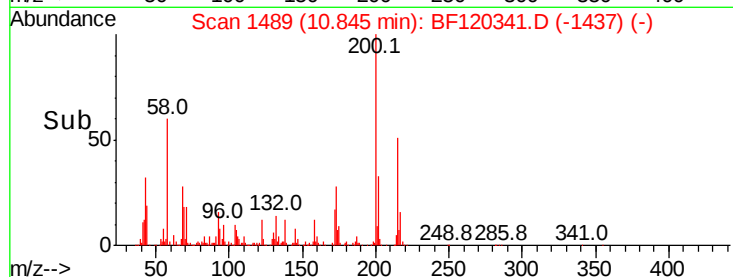
215 50.9 30.6 70.6



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: 92.739 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

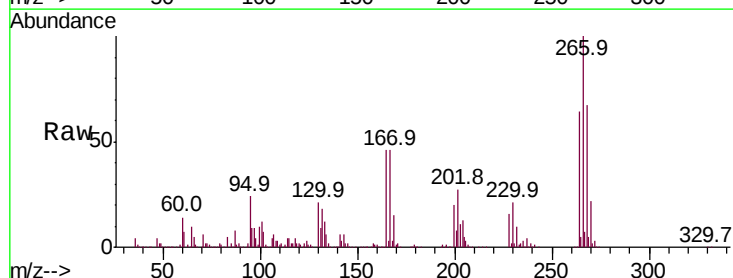
Tgt Ion:266 Resp: 438390

Ion Ratio Lower Upper

266 100

268 66.9 54.2 81.4

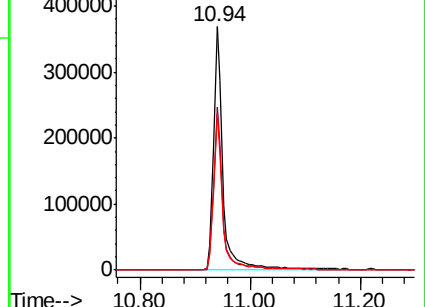
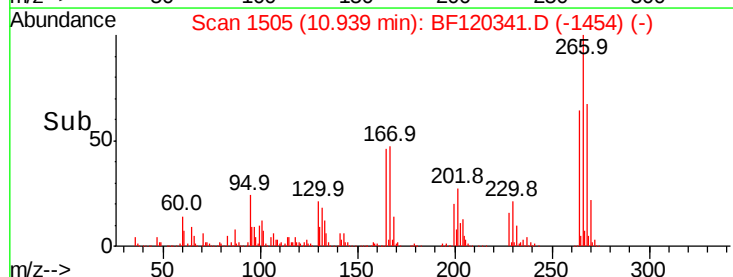
264 64.1 50.2 75.4

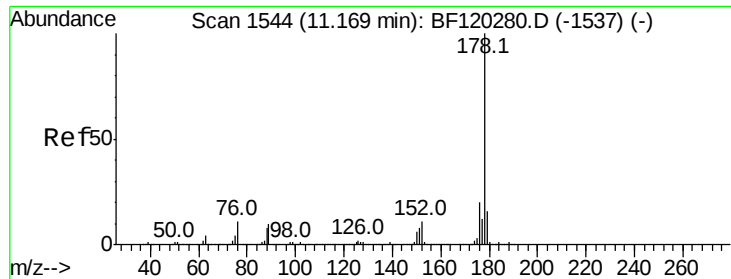


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.618 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

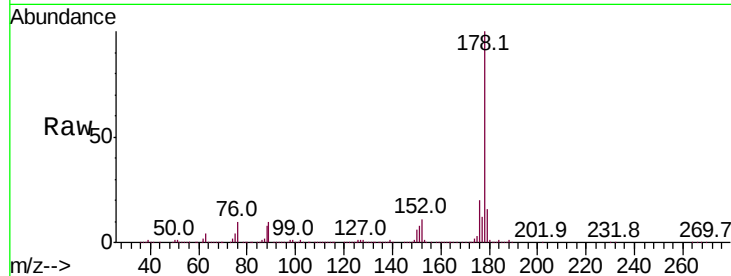
Tot Ion:178 Resp: 2190655

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

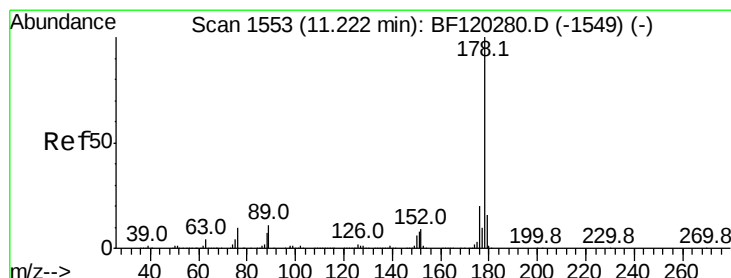
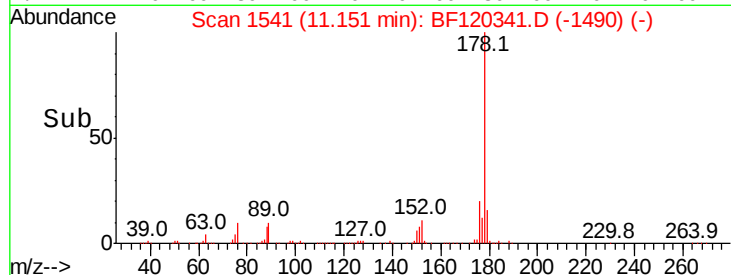
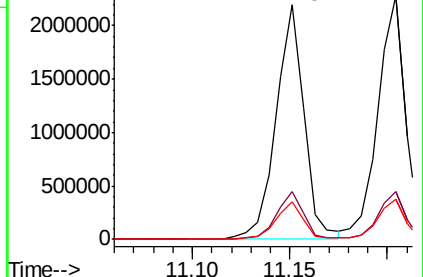
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.787 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

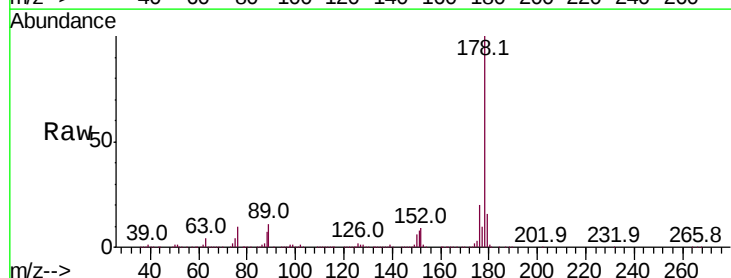
Tgt Ion:178 Resp: 2353519

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

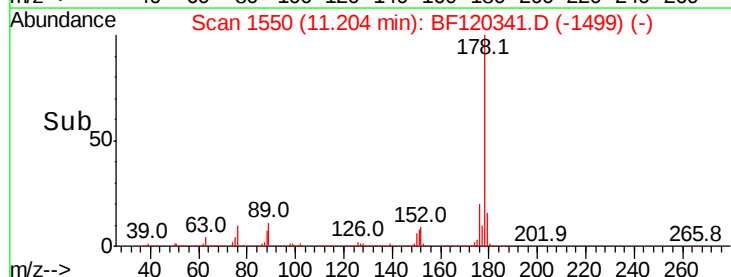
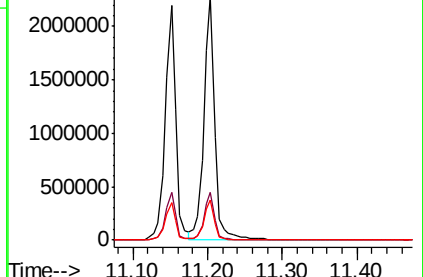
179 16.4 13.0 19.6

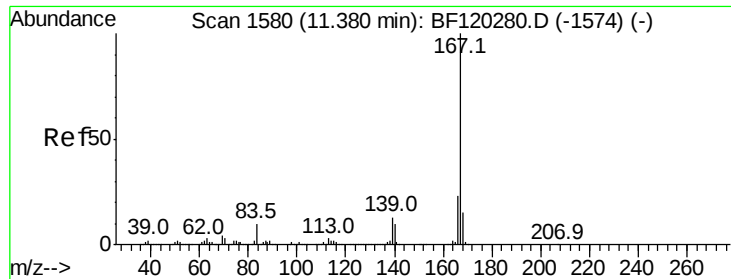


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



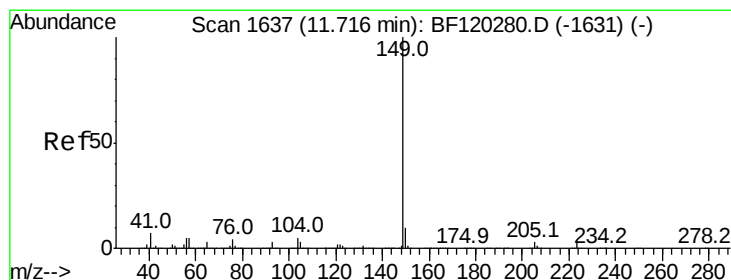
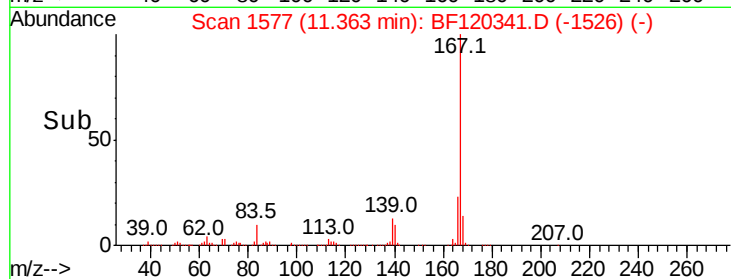
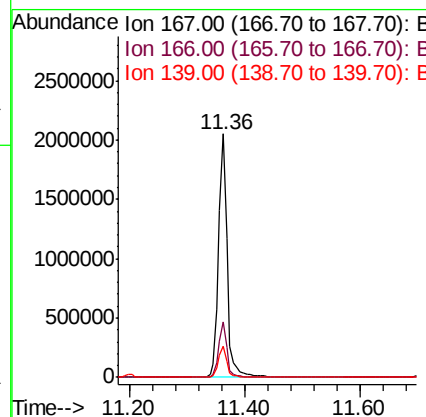
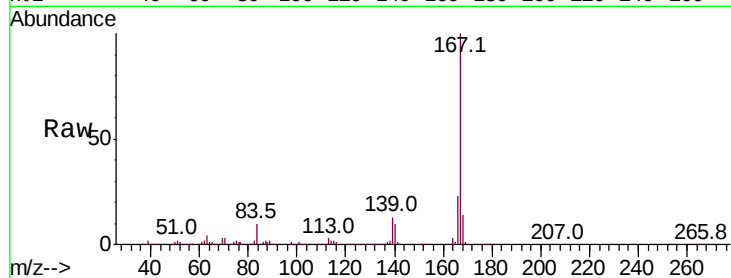


#73
 Carbazole
 Concen: 46.475 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion:167 Resp: 2138636

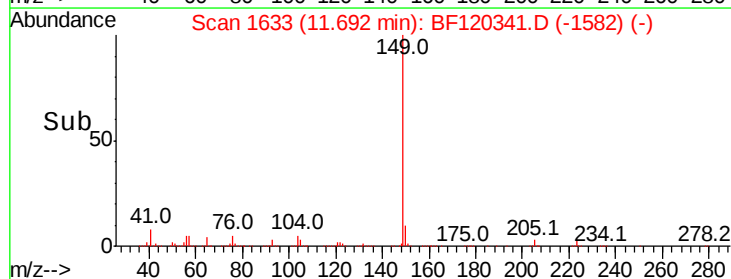
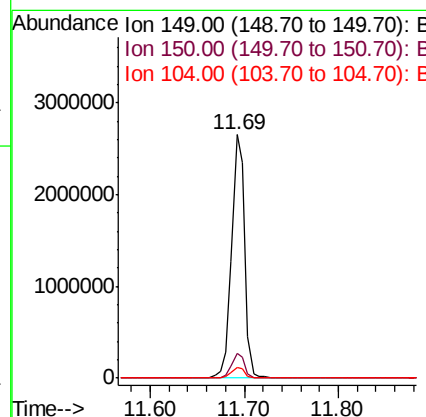
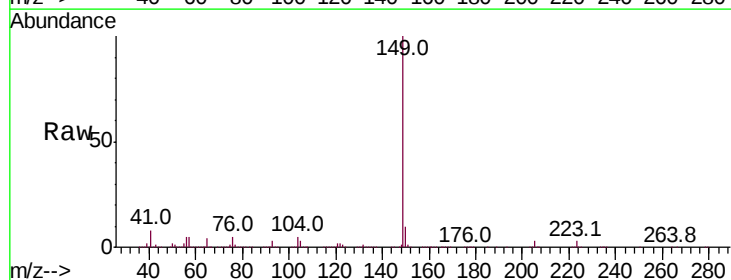
Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	12.9	10.6	15.8

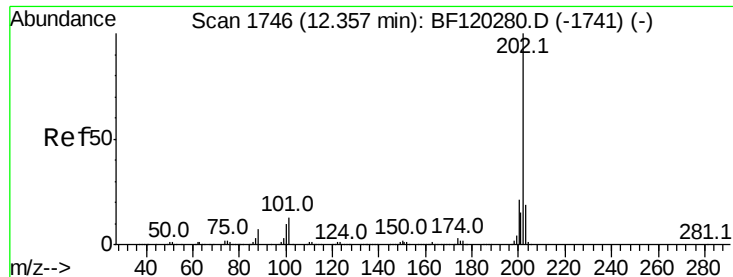


#74
 Di-n-butylphthalate
 Concen: 46.342 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion:149 Resp: 2570082

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.4
104	4.5	3.8	5.8





#75

Fluoranthene

Concen: 49.776 ng

RT: 12.33 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

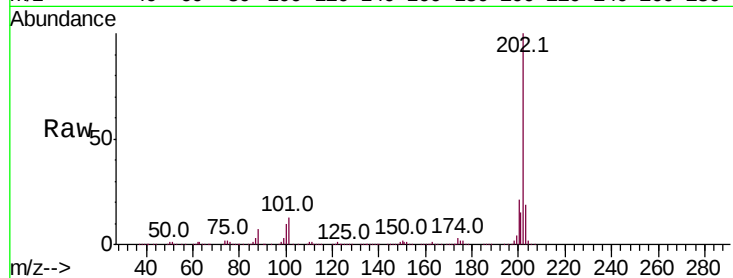
Tot Ion:202 Resp: 2454460

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

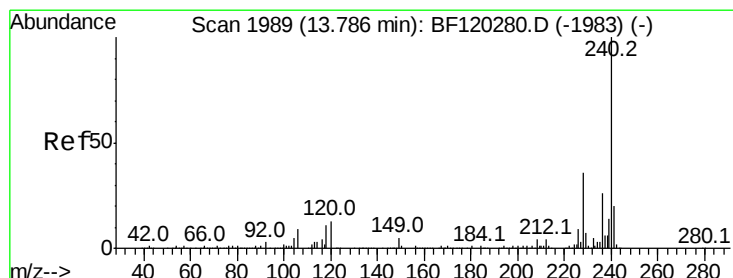
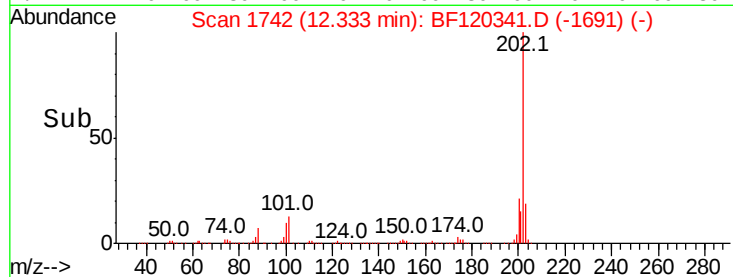
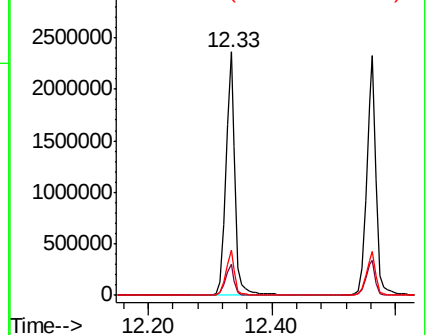
203 18.6 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.76 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

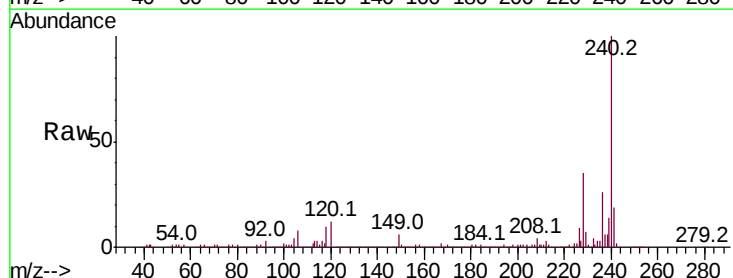
Tgt Ion:240 Resp: 773913

Ion Ratio Lower Upper

240 100

120 11.8 10.4 15.6

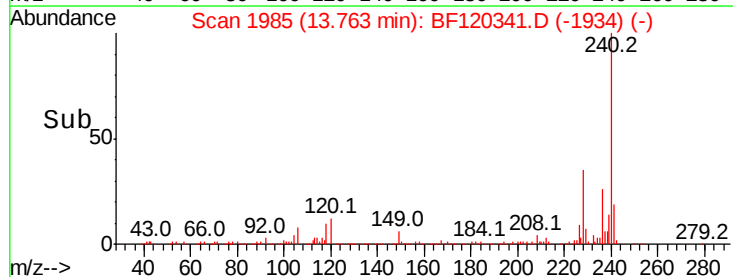
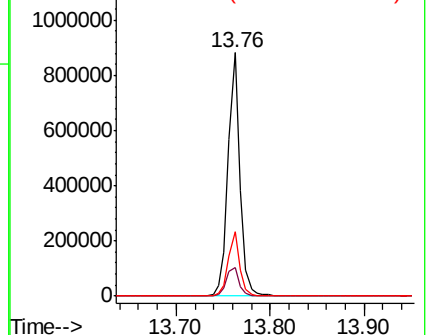
236 26.3 21.0 31.6

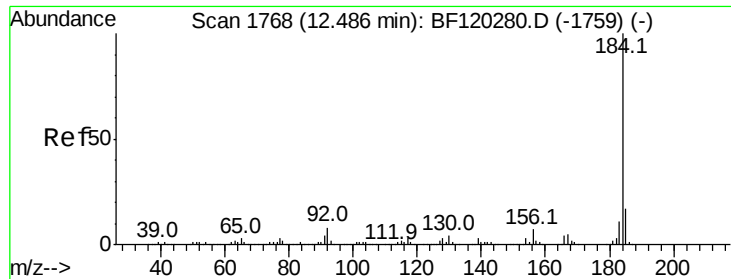


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.616 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

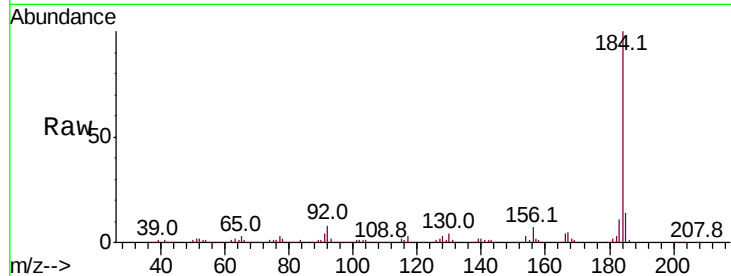
Tot Ion:184 Resp: 1324692

Ion Ratio Lower Upper

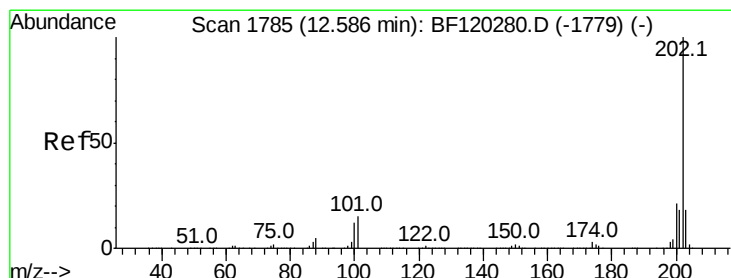
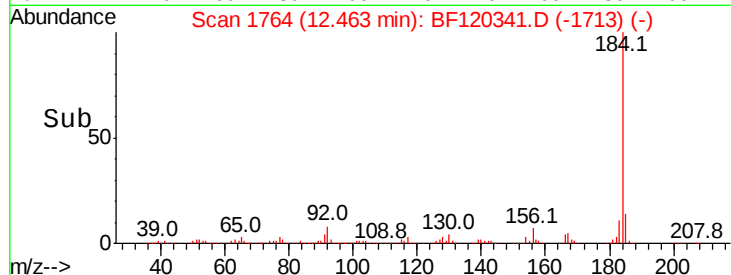
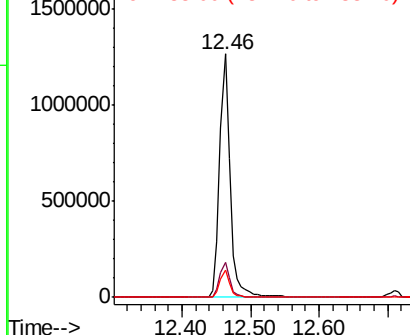
184 100

185 14.5 13.7 20.5

183 11.0 8.7 13.1



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: 45.002 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

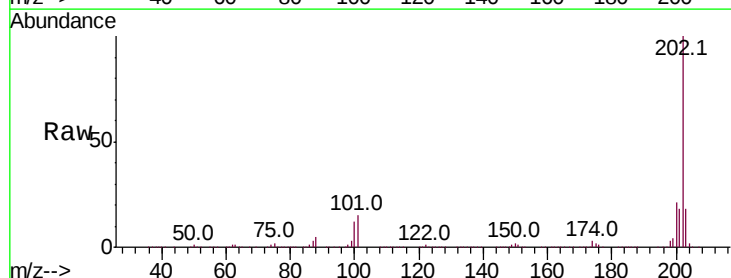
Tgt Ion:202 Resp: 2482853

Ion Ratio Lower Upper

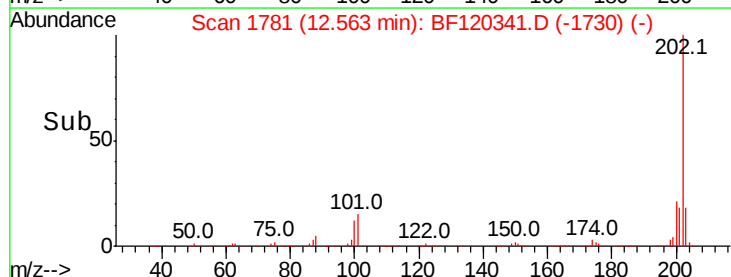
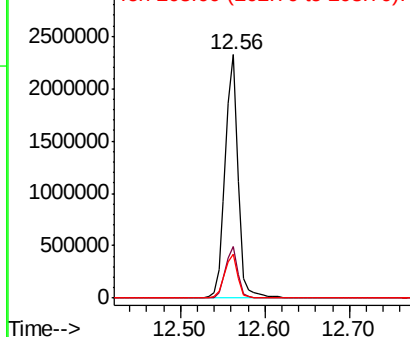
202 100

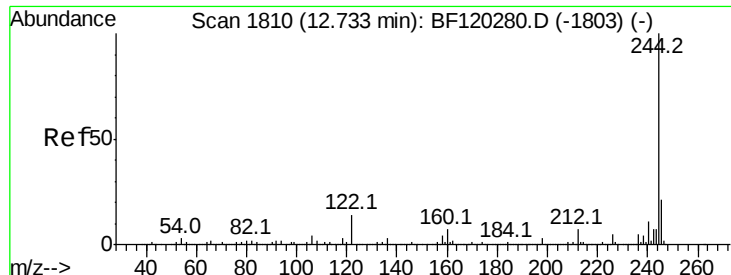
200 21.0 16.6 25.0

203 18.3 14.6 22.0



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: 90.791 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

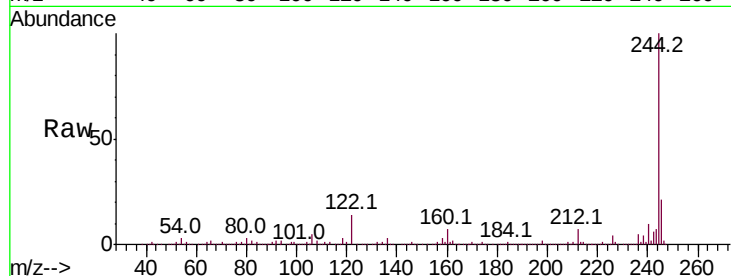
Tot Ion:244 Resp: 3180500

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

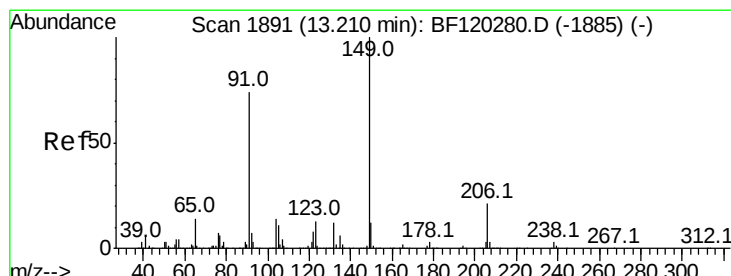
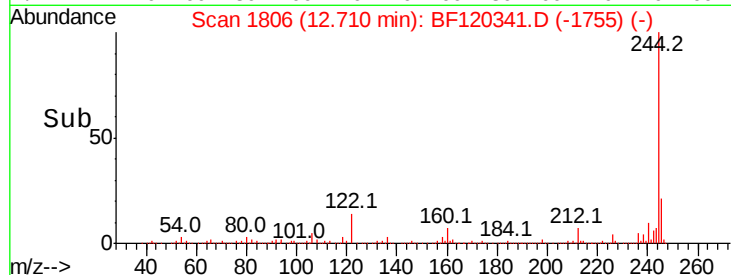
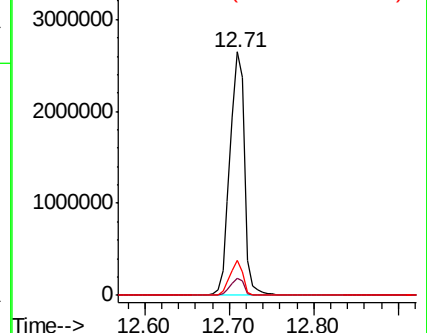
122 14.1 10.8 16.2



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: 41.908 ng

RT: 13.19 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

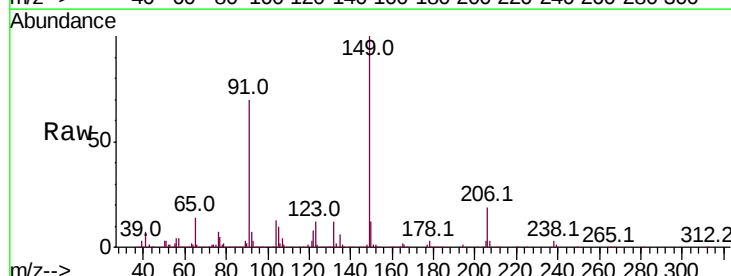
Tgt Ion:149 Resp: 1088769

Ion Ratio Lower Upper

149 100

91 70.3 59.0 88.4

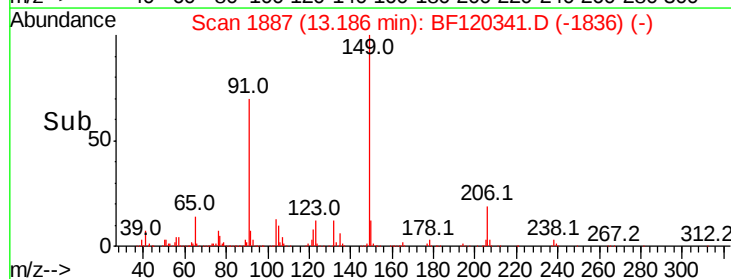
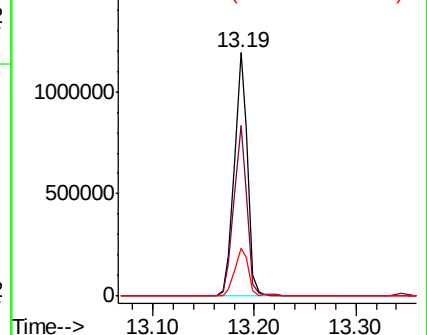
206 19.5 16.8 25.2

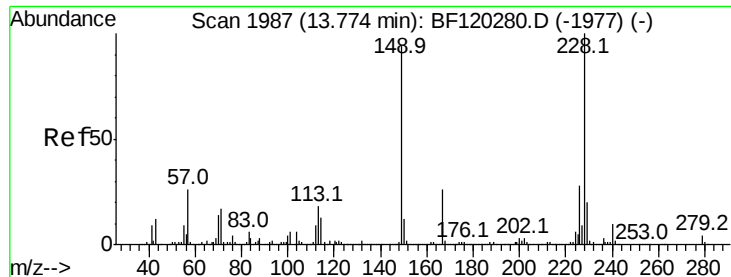


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.730 ng

RT: 13.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

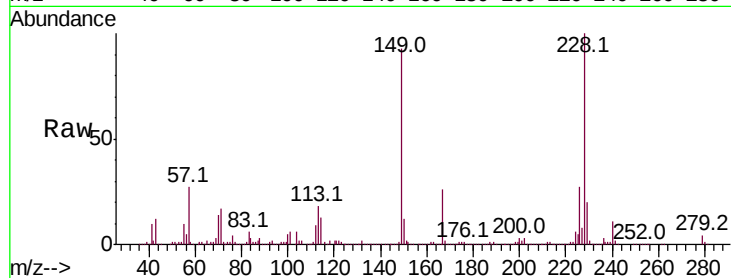
BNA_F

ClientSampleId :

PB128931BS

Tot Ion:228 Resp: 1866629

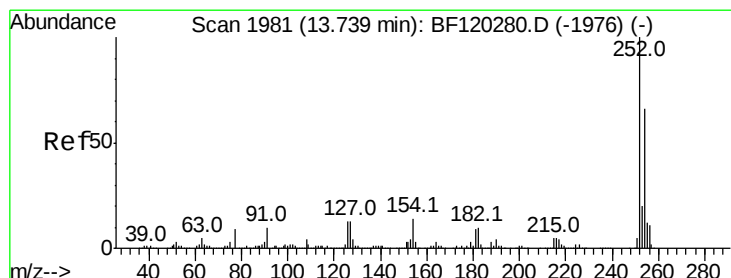
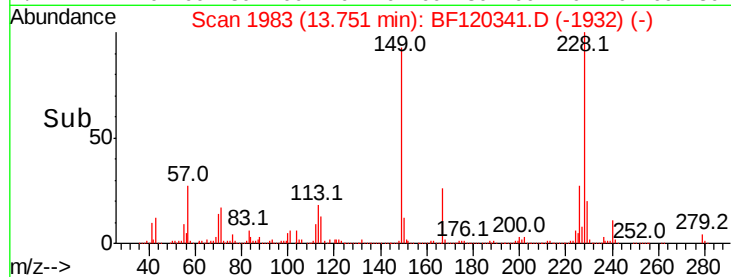
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.4	16.4	24.6



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: 34.670 ng

RT: 13.72 min Scan# 1977

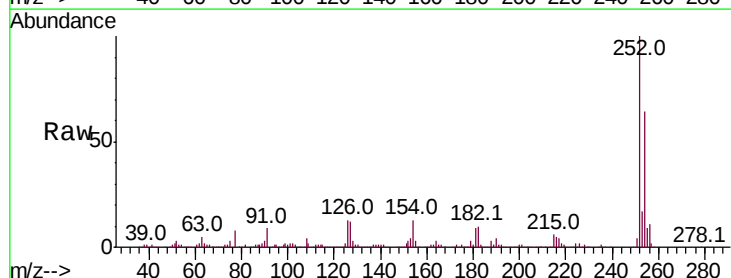
Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Tgt Ion:252 Resp: 533307

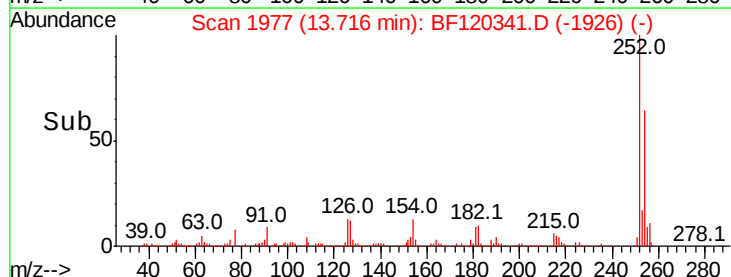
Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.6	78.8
126	12.5	10.7	16.1

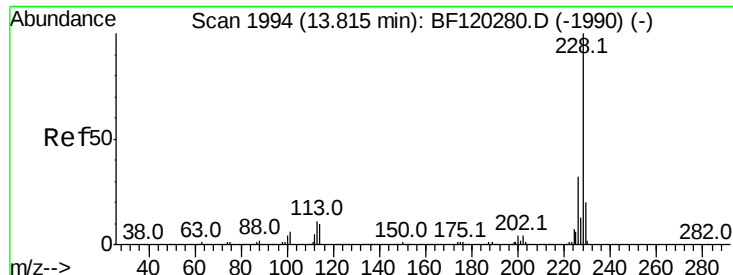


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.760 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

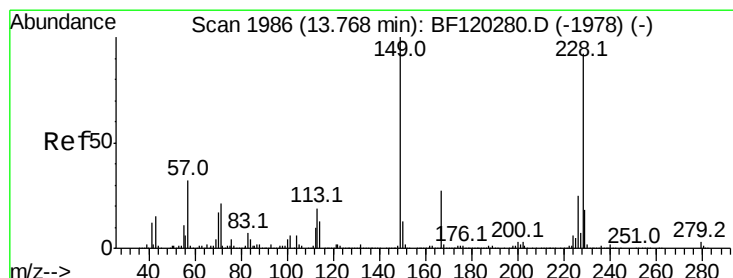
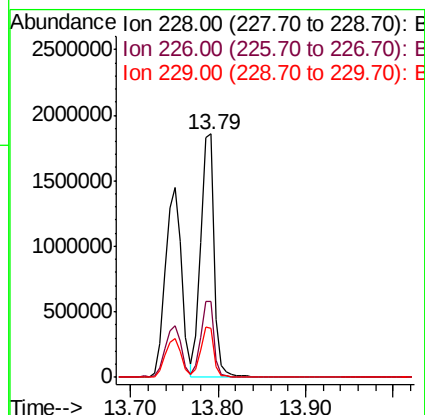
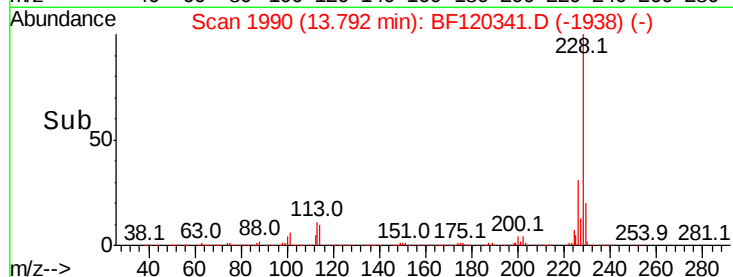
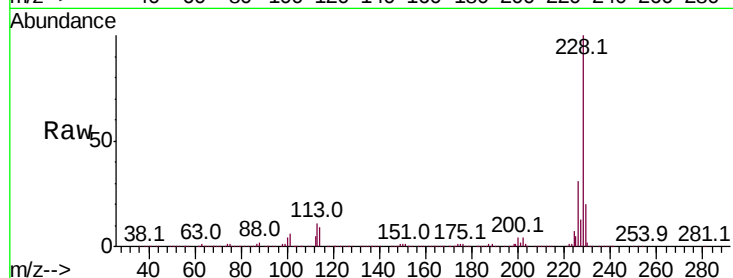
BNA_F

ClientSampleId :

PB128931BS

Tot Ion:228 Resp: 2005755

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.1	16.2	24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.285 ng

RT: 13.75 min Scan# 1983

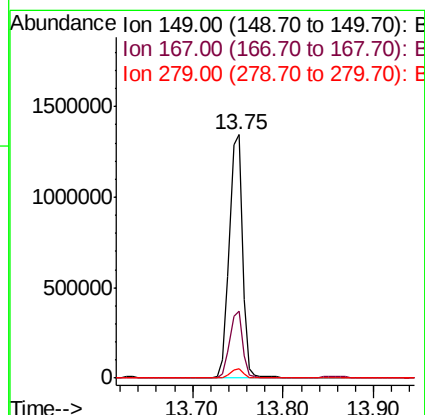
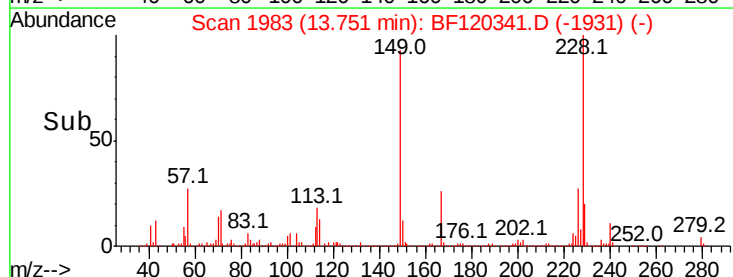
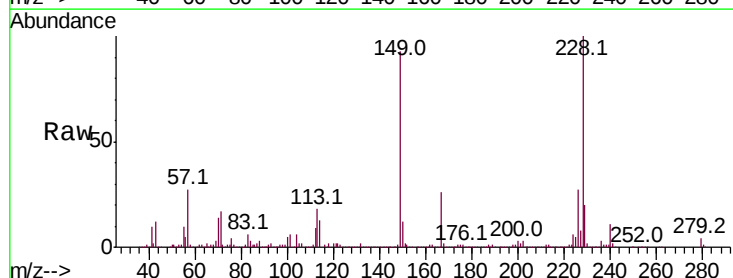
Delta R.T. 0.01 min

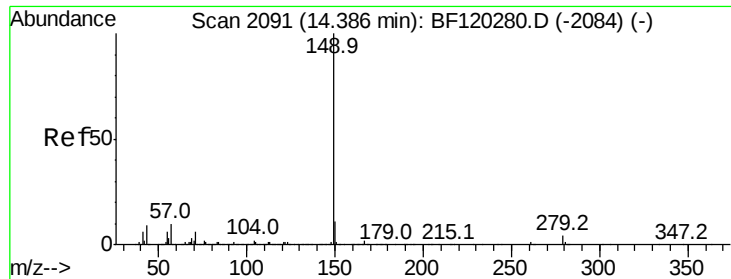
Lab File: BF120341.D

Acq: 18 May 2020 15:02

Tgt Ion:149 Resp: 1366788

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.1	2.8	4.2

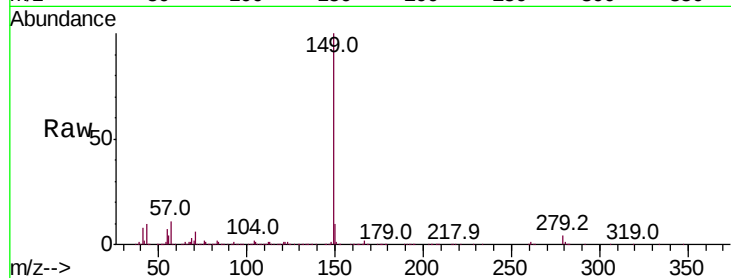




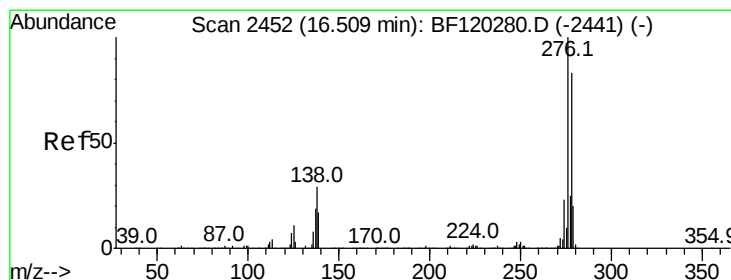
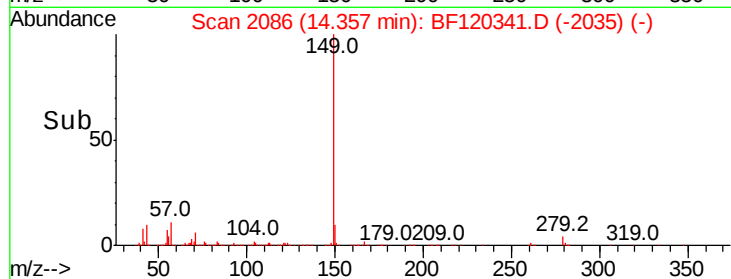
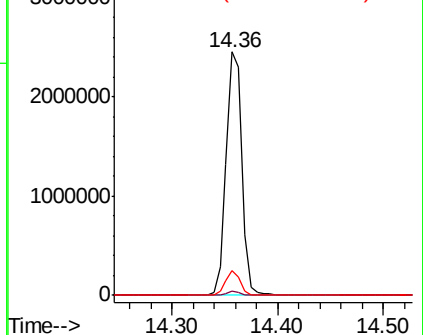
#85
Di-n-octyl phthalate
Concen: 43.805 ng
RT: 14.36 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion:149 Resp: 2547212
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.5 11.3

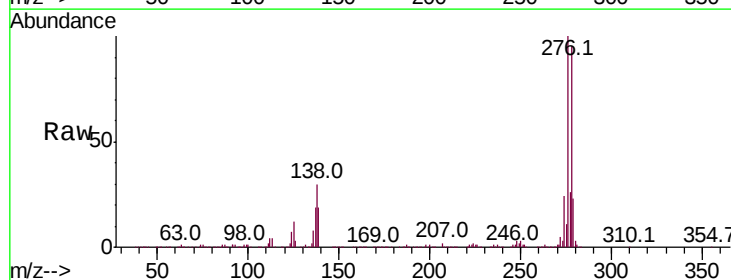


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

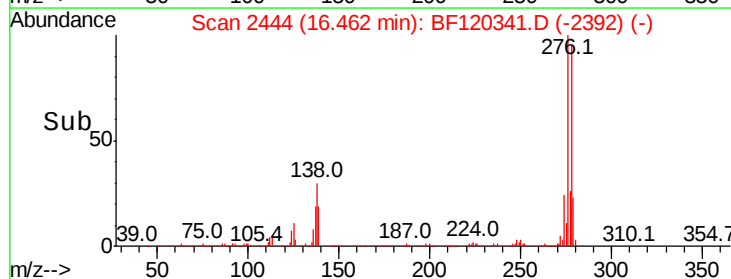
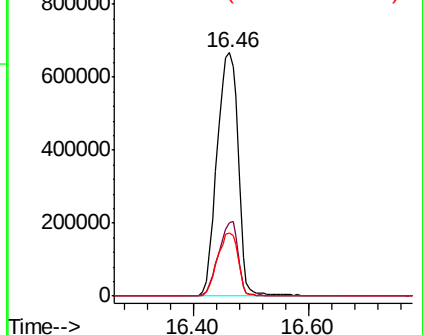


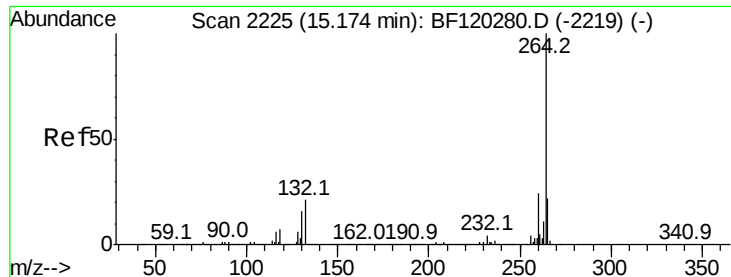
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.995 ng
RT: 16.46 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:276 Resp: 1710413
Ion Ratio Lower Upper
276 100
138 28.3 23.3 34.9
277 25.4 20.2 30.4



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: 15.14 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

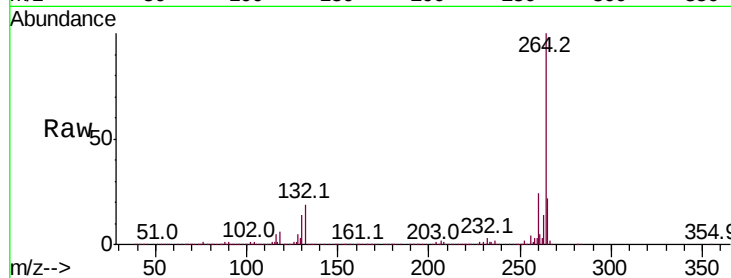
Tot Ion:264 Resp: 734390

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.7 17.5 26.3

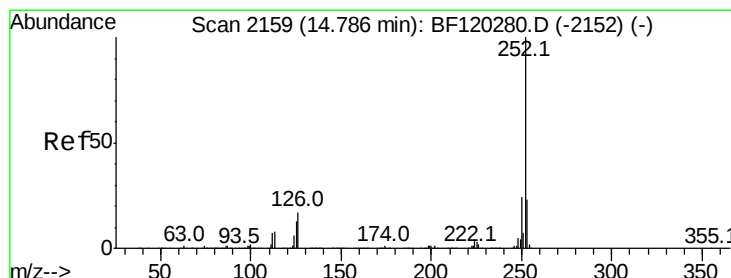
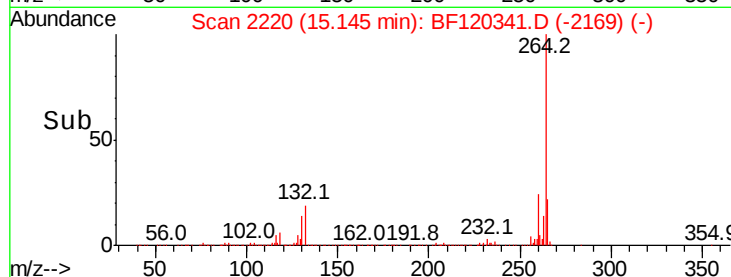
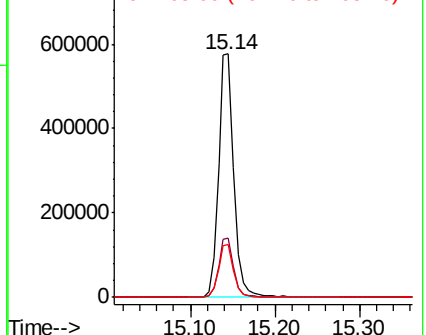


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.048 ng

RT: 14.76 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

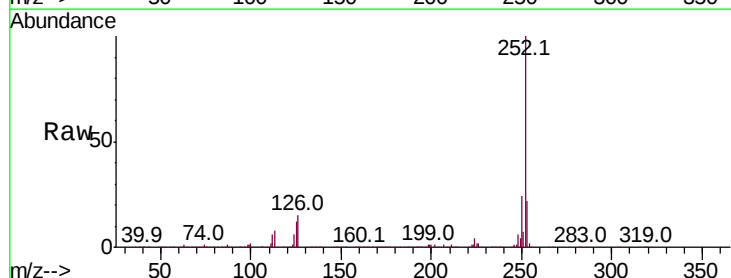
Tgt Ion:252 Resp: 1886948

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 11.6 10.4 15.6

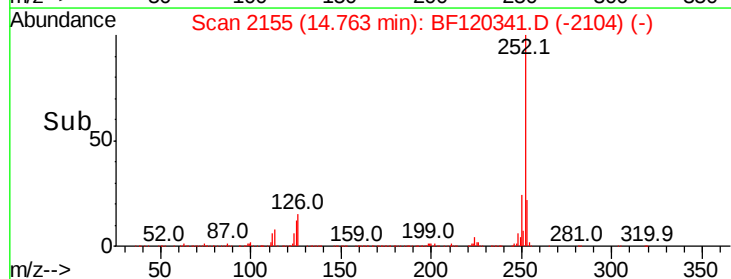
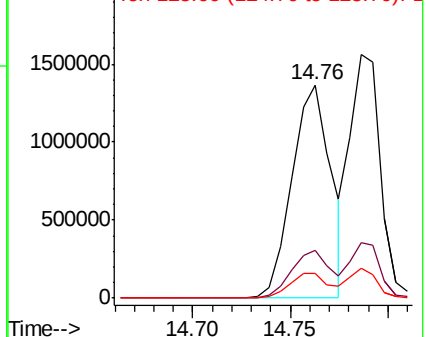


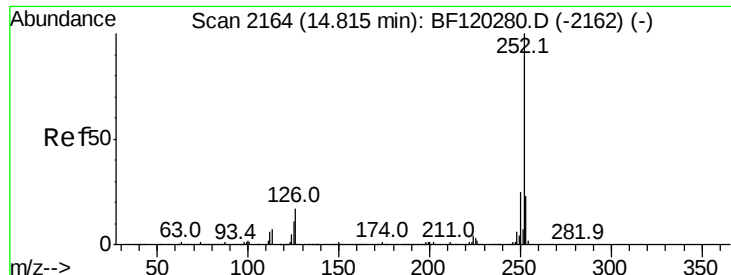
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

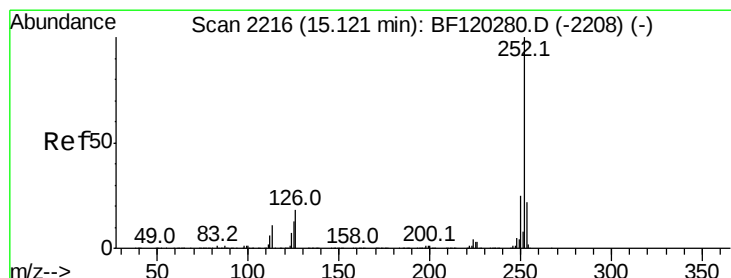
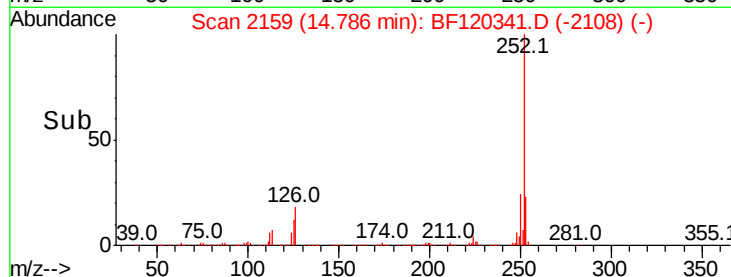
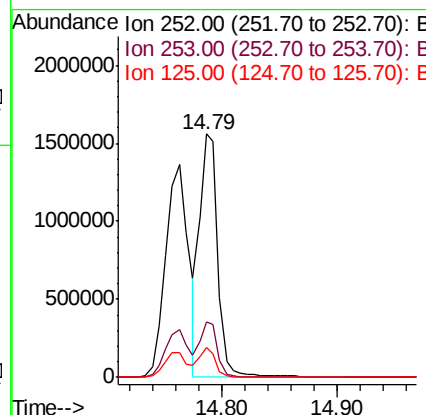
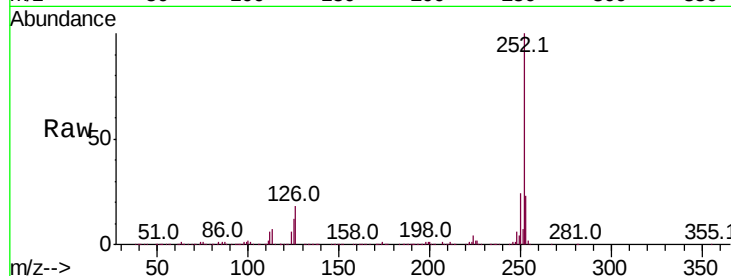




#89
Benzo(k)fluoranthene
Concen: 49.451 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

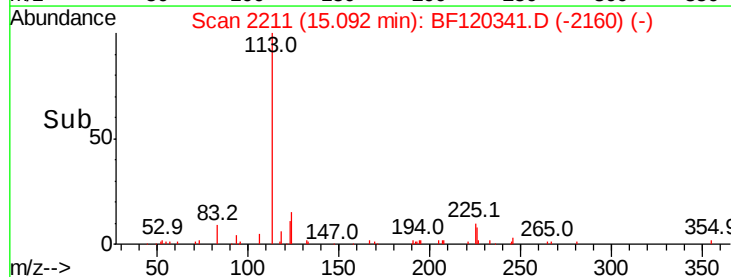
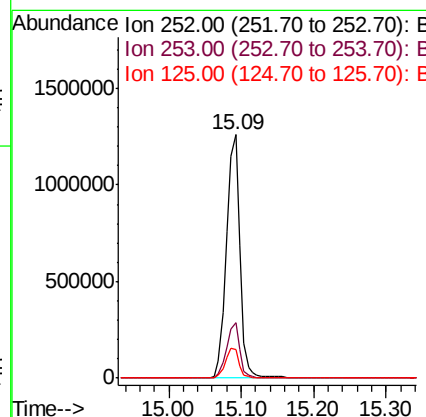
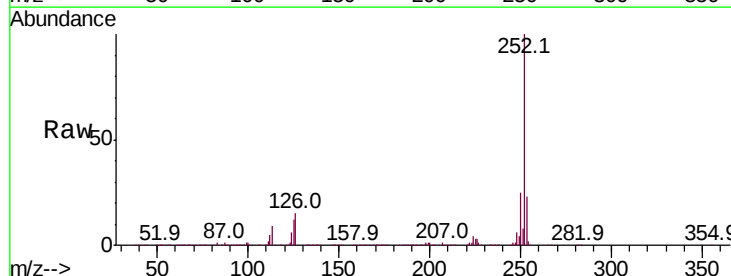
Instrument :
BNA_F
ClientSampleId :
PB128931BS

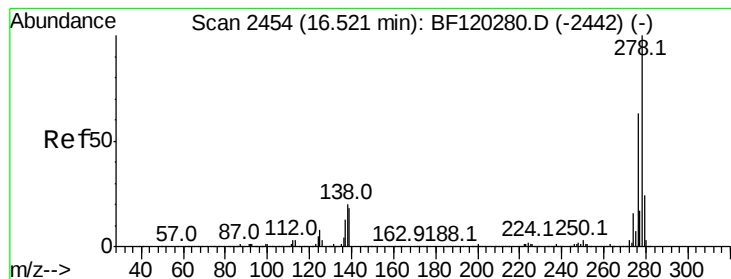
Tot Ion:252 Resp: 1718302
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 12.2 9.9 14.9



#90
Benzo(a)pyrene
Concen: 45.685 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:252 Resp: 1643231
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 11.7 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 44.493 ng

RT: 16.47 min Scan# 2446

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

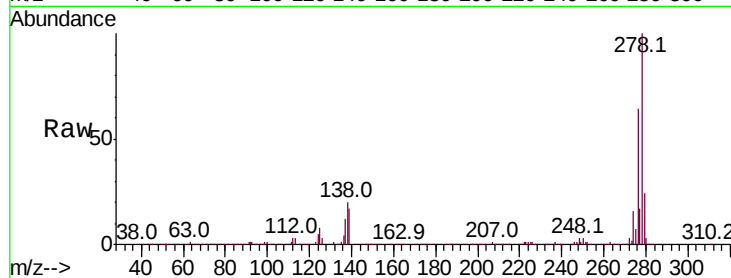
Tot Ion:278 Resp: 1417763

Ion Ratio Lower Upper

278 100

139 16.7 14.7 22.1

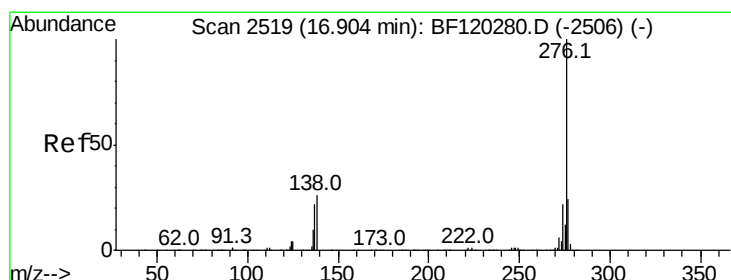
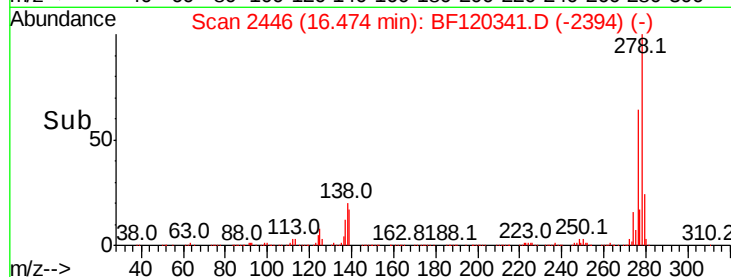
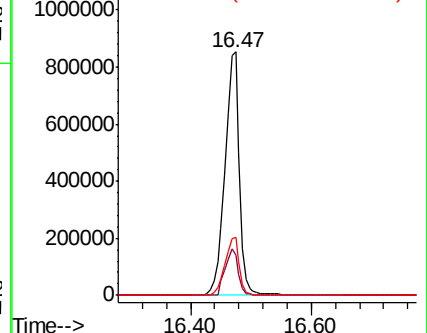
279 23.7 19.2 28.8



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: 45.244 ng

RT: 16.85 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

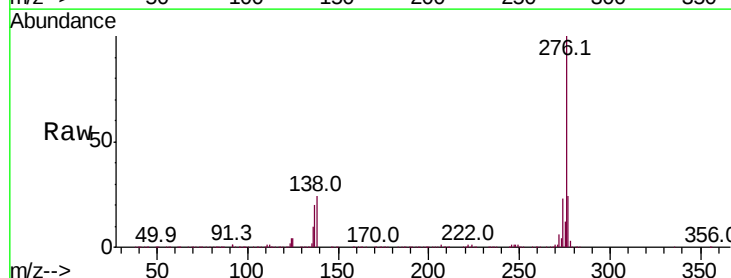
Tgt Ion:276 Resp: 1453813

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 24.5 20.8 31.2



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

