

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120790.D
 Acq On : 7 Jul 2020 16:33
 Operator : JU/CG
 Sample : L3230-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Quant Time: Jul 07 17:21:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	151195	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	584189	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	298709	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	546542	20.00	ng	0.00
76) Chrysene-d12	14.02	240	429242	20.00	ng	0.00
86) Perylene-d12	15.47	264	373528	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1126247	114.99	ng	0.01
7) Phenol-d6	6.48	99	1430787	114.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	907176	89.97	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	384990	128.29	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1632725	82.70	ng	0.00
79) Terphenyl-d14	12.96	244	1741902	79.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	208577	46.618	ng	99
3) Pyridine	3.41	79	577479	47.121	ng	99
4) n-Nitrosodimethylamine	3.36	42	316726	51.661	ng	98
6) Aniline	6.51	93	662252	41.226	ng	99
8) 2-Chlorophenol	6.63	128	535946	51.395	ng	98
9) Benzaldehyde	6.39	77	187519	25.207	ng	99
10) Phenol	6.49	94	687432	53.425	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	514422	49.130	ng	98
12) 1,3-Dichlorobenzene	6.79	146	554543	48.313	ng	99
13) 1,4-Dichlorobenzene	6.87	146	560309	48.738	ng	99
14) 1,2-Dichlorobenzene	7.02	146	524624	47.965	ng	100
15) Benzyl Alcohol	6.99	79	451160	48.006	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	764897	46.835	ng	100
17) 2-Methylphenol	7.10	107	436481	46.788	ng	98
18) Hexachloroethane	7.36	117	215481	49.869	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	366798	48.703	ng	97
20) 3+4-Methylphenols	7.25	107	515557	44.871	ng	91
22) Acetophenone	7.26	105	694153	47.804	ng	99
24) Nitrobenzene	7.43	77	576647	50.935	ng	97
25) Isophorone	7.67	82	1039130	47.787	ng	98
26) 2-Nitrophenol	7.75	139	263923	54.836	ng	97
27) 2,4-Dimethylphenol	7.79	122	454670	52.379	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	647519	50.314	ng	99
29) 2,4-Dichlorophenol	7.99	162	428567	49.456	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	465550	47.831	ng	99
31) Naphthalene	8.16	128	1495359	47.897	ng	100
32) Benzoic acid	7.91	122	338641	54.542	ng	98
33) 4-Chloroaniline	8.20	127	309738	23.380	ng	96
34) Hexachlorobutadiene	8.27	225	269755	46.082	ng	99
35) Caprolactam	8.57	113	75741	29.996	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	462422	51.300	ng	98
37) 2-Methylnaphthalene	8.85	142	1001084	49.326	ng	99
38) 1-Methylnaphthalene	8.95	142	942623	49.584	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	420421	46.570	ng	99

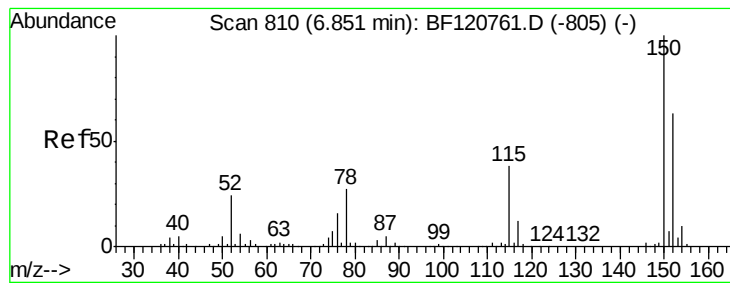
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	500386	93.812	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	310255	50.435	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	322195	47.195	ng	99
46) 1,1'-Biphenyl	9.31	154	1174248	48.735	ng	100
47) 2-Chloronaphthalene	9.33	162	924326	47.885	ng	99
48) 2-Nitroaniline	9.43	65	299975	51.687	ng	99
49) Acenaphthylene	9.75	152	1429699	47.242	ng	99
50) Dimethylphthalate	9.62	163	1250959	57.409	ng	100
51) 2,6-Dinitrotoluene	9.67	165	226660	52.133	ng	89
52) Acenaphthene	9.92	154	988018	52.625	ng	98
53) 3-Nitroaniline	9.84	138	154648	29.967	ng	# 90
54) 2,4-Dinitrophenol	9.95	184	190403	107.973	ng	95
55) Dibenzofuran	10.10	168	1307464	48.312	ng	99
56) 4-Nitrophenol	10.00	139	428261	106.458	ng	99
57) 2,4-Dinitrotoluene	10.07	165	305821	56.136	ng	93
58) Fluorene	10.44	166	955779	47.448	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	267845	52.723	ng	99
60) Diethylphthalate	10.32	149	1090223	48.029	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	456147	45.046	ng	99
62) 4-Nitroaniline	10.46	138	245350	52.994	ng	96
63) Azobenzene	10.59	77	1111235	47.857	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	130794	55.608	ng	87
66) n-Nitrosodiphenylamine	10.55	169	898993	49.075	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	298791	47.129	ng	98
68) Hexachlorobenzene	10.99	284	331589	49.842	ng	# 89
69) Atrazine	11.07	200	252694	53.544	ng	98
70) Pentachlorophenol	11.17	266	399165	106.048	ng	99
71) Phenanthrene	11.40	178	1441751	48.618	ng	99
72) Anthracene	11.45	178	1466343	48.933	ng	99
73) Carbazole	11.60	167	1378727	47.878	ng	99
74) Di-n-butylphthalate	11.94	149	1702053	47.740	ng	99
75) Fluoranthene	12.59	202	1570383	49.711	ng	99
77) Benzidine	12.71	184	928054	76.599	ng	99
78) Pyrene	12.82	202	1606400	46.859	ng	99
80) Butylbenzylphthalate	13.44	149	731767	49.442	ng	98
81) Benzo(a)anthracene	14.00	228	1268285	46.094	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	293113	31.567	ng	# 98
83) Chrysene	14.04	228	1376295	49.038	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	874059	45.034	ng	# 99
85) Di-n-octyl phthalate	14.61	149	1737679	50.608	ng	99
87) Indeno(1,2,3-cd)pyrene	16.93	276	1184911	49.457	ng	99
88) Benzo(b)fluoranthene	15.05	252	1295434	52.753	ng	100
89) Benzo(k)fluoranthene	15.08	252	1239513	51.873	ng	99
90) Benzo(a)pyrene	15.41	252	1116296	50.959	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1019691	51.064	ng	98
92) Benzo(g,h,i)perylene	17.37	276	909124	49.815	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF120790.D

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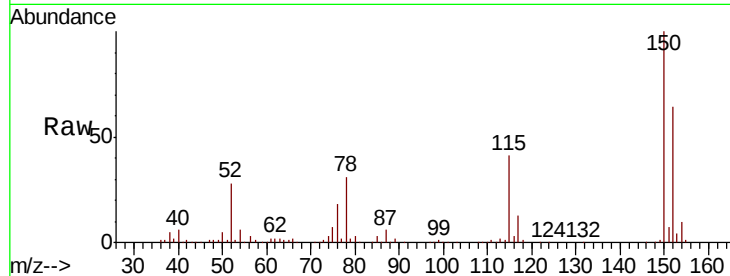
Tot Ion:152 Resp: 151195

Ion Ratio Lower Upper

152 100

150 156.4 126.1 189.1

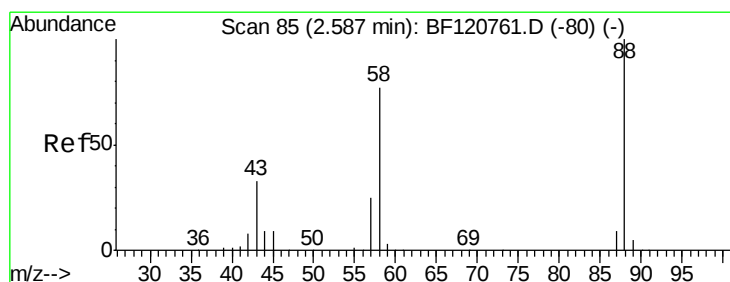
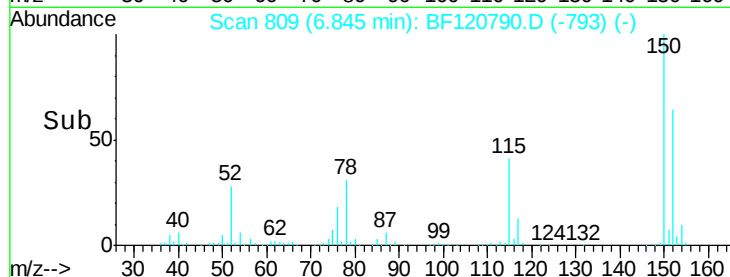
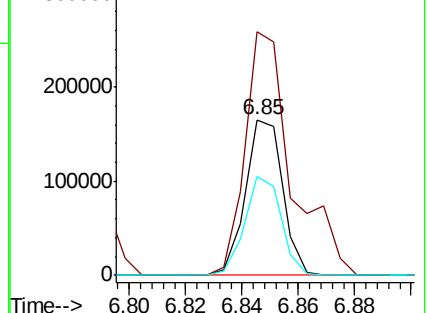
115 63.9 48.5 72.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.618 ng

RT: 2.66 min Scan# 98

Delta R.T. 0.08 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

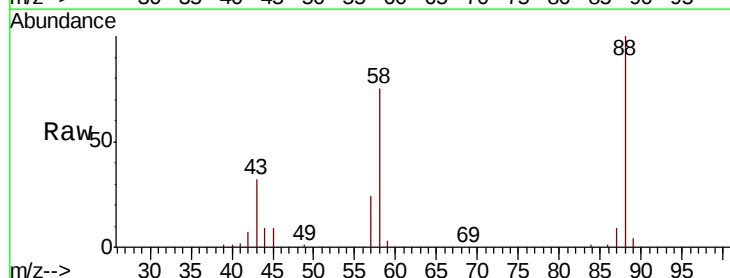
Tgt Ion: 88 Resp: 208577

Ion Ratio Lower Upper

88 100

58 75.9 60.4 90.6

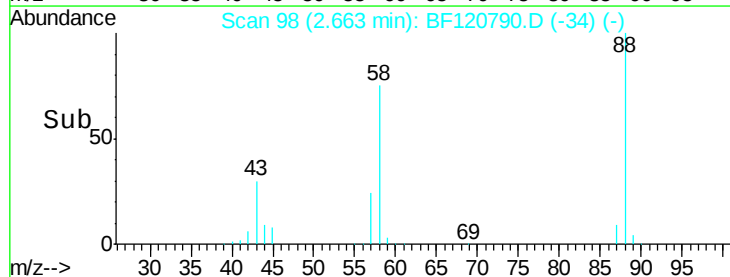
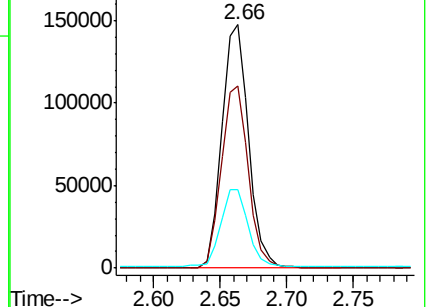
43 32.4 26.3 39.5

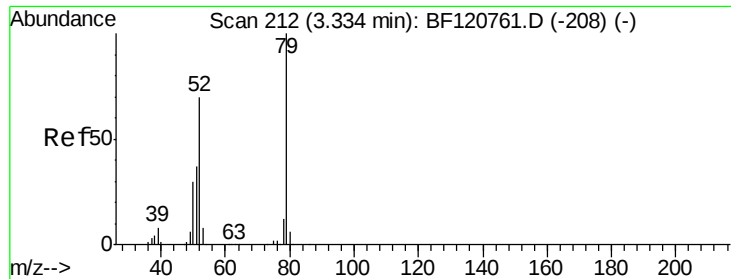


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 47.121 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.08 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

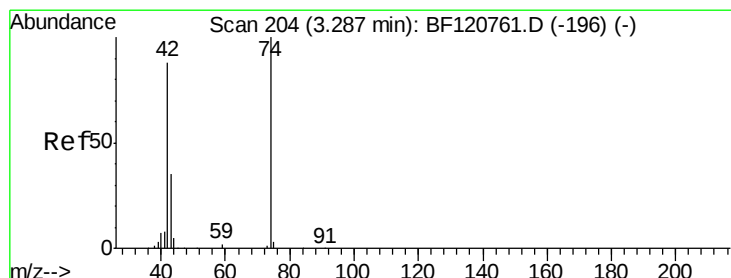
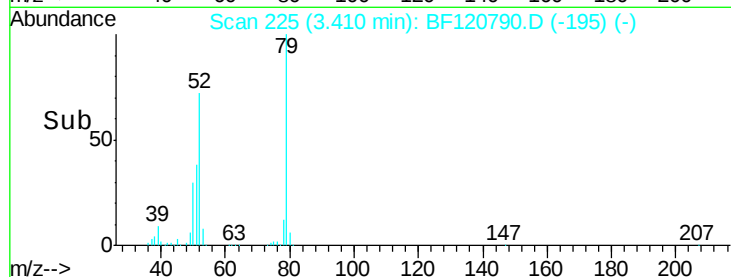
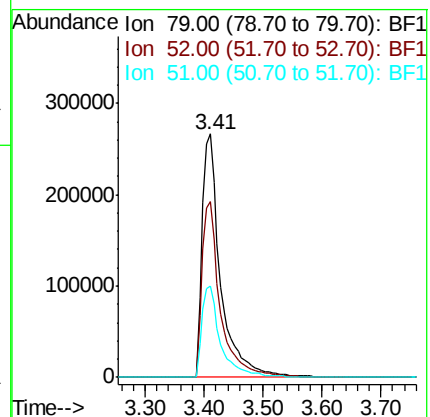
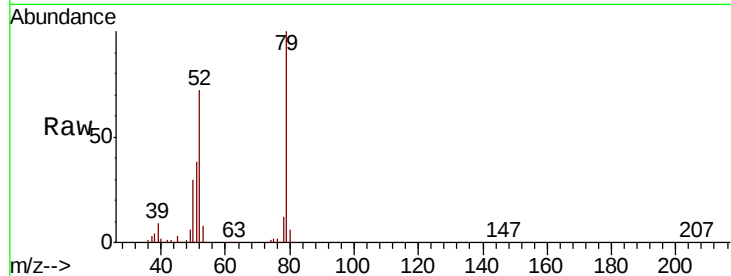
Tot Ion: 79 Resp: 577479

Ion Ratio Lower Upper

79 100

52 72.0 56.3 84.5

51 37.7 30.1 45.1



#4

n-Nitrosodimethylamine

Concen: 51.661 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.07 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

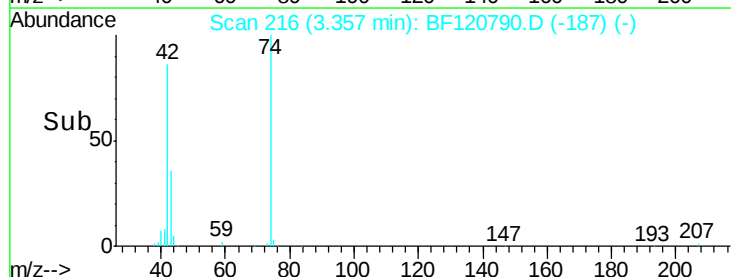
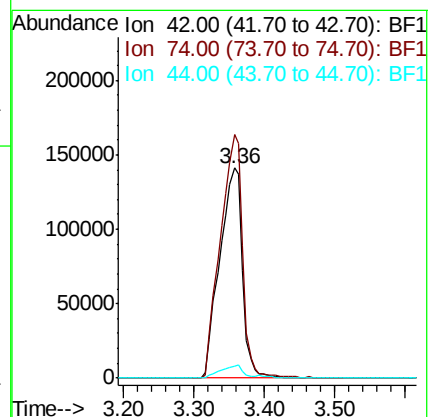
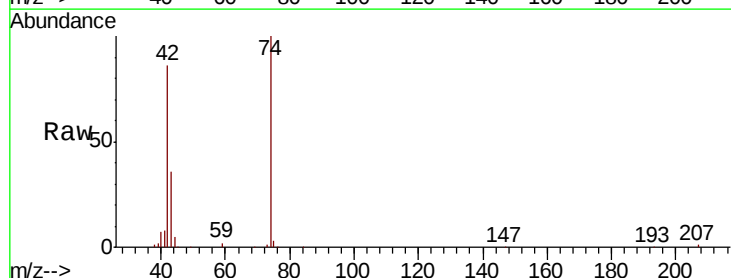
Tgt Ion: 42 Resp: 316726

Ion Ratio Lower Upper

42 100

74 116.0 90.8 136.2

44 6.0 5.8 8.8





#5

2-Fluorophenol

Concen: 114.986 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

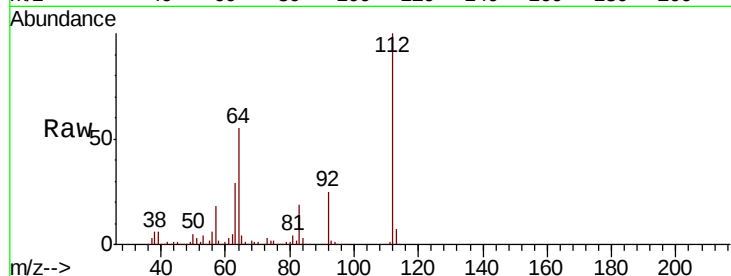
Tot Ion:112 Resp: 1126247

Ion Ratio Lower Upper

112 100

64 54.7 43.8 65.6

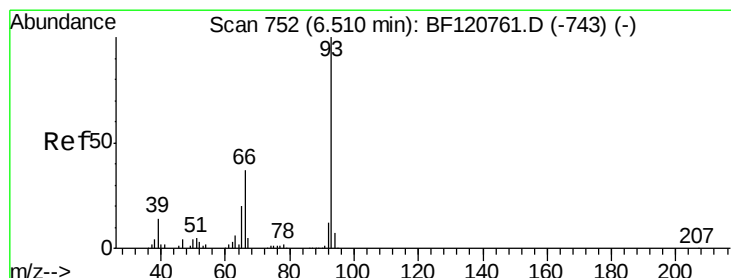
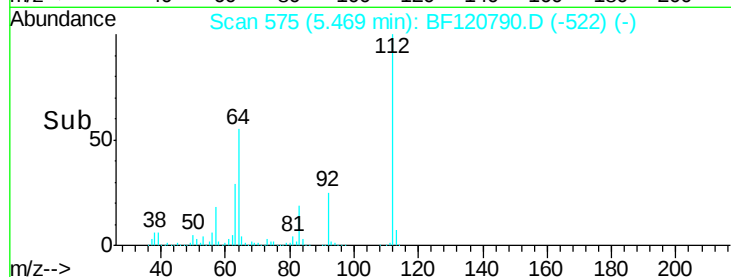
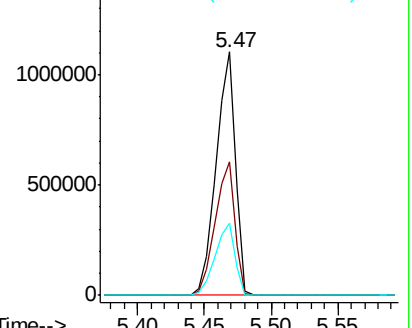
63 29.4 23.6 35.4



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: 41.226 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

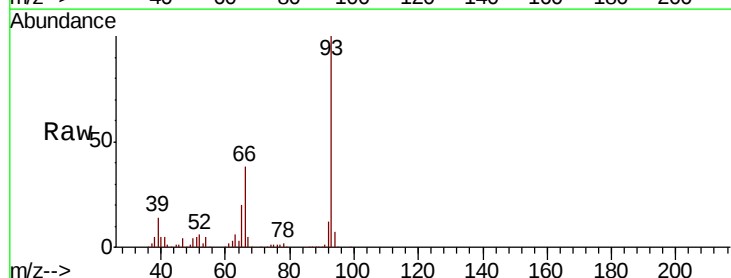
Tgt Ion: 93 Resp: 662252

Ion Ratio Lower Upper

93 100

66 38.4 31.3 46.9

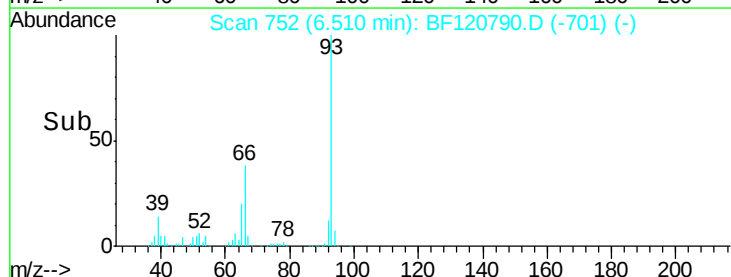
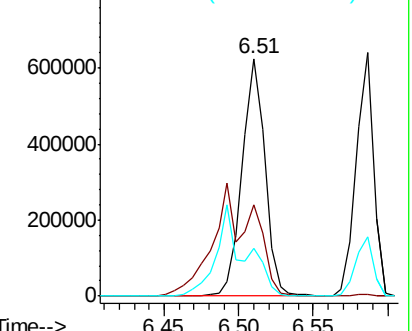
65 20.1 16.5 24.7

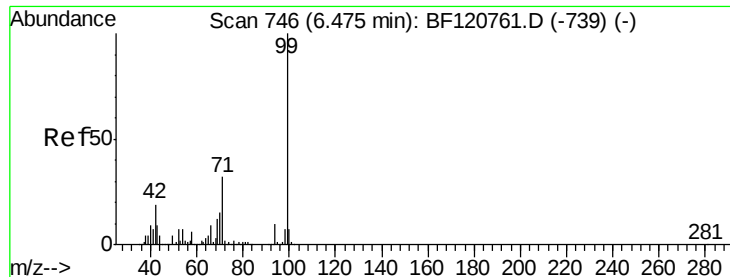


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.388 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

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BNA_F

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FK-BPM-01-C4-D4-C4A-D4AMSD

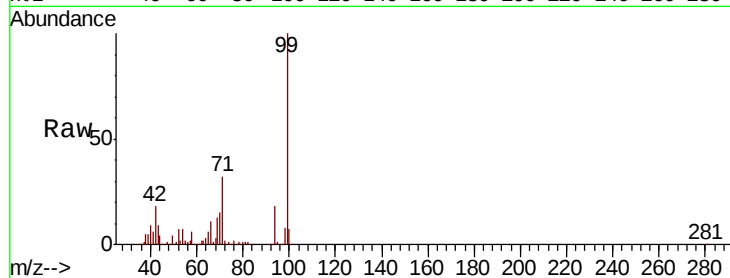
Tot Ion: 99 Resp: 1430787

Ion Ratio Lower Upper

99 100

42 18.3 15.4 23.0

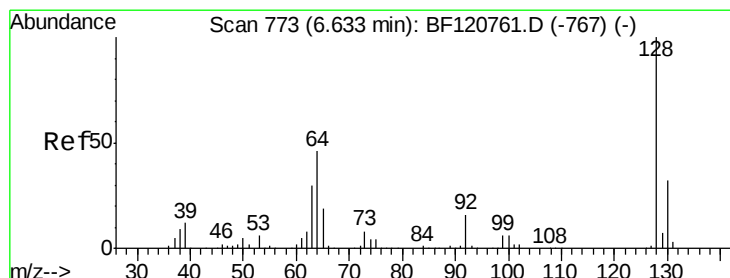
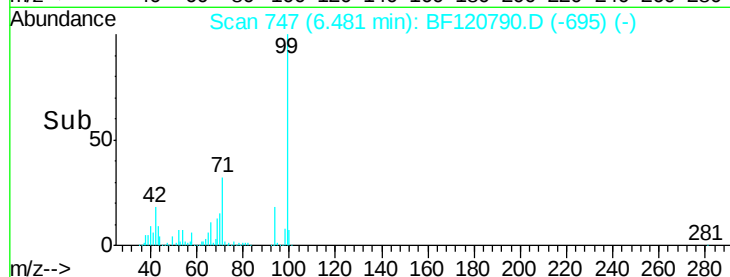
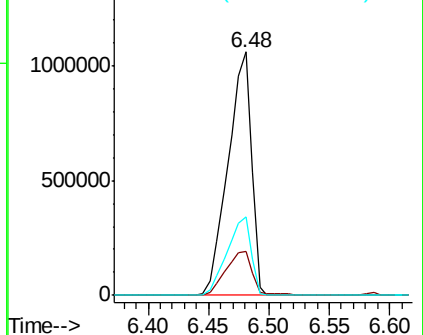
71 32.1 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 51.395 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120790.D

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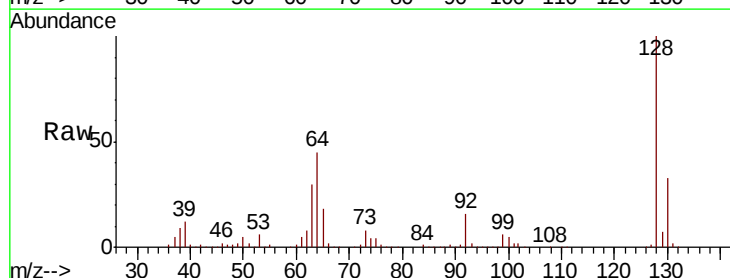
Tgt Ion: 128 Resp: 535946

Ion Ratio Lower Upper

128 100

130 33.0 12.1 52.1

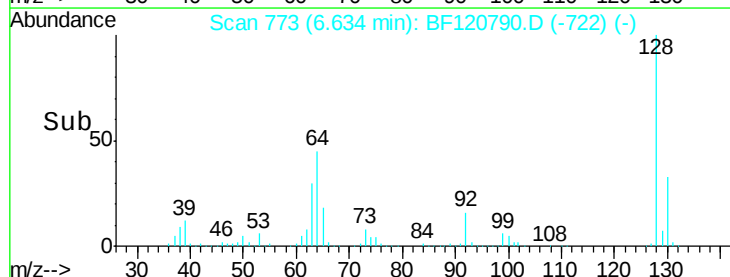
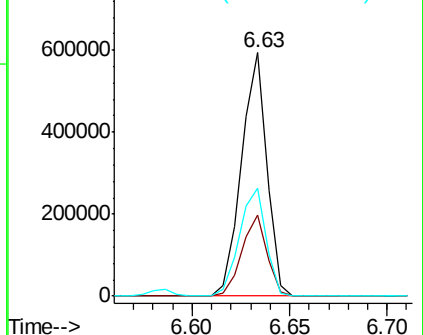
64 44.6 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

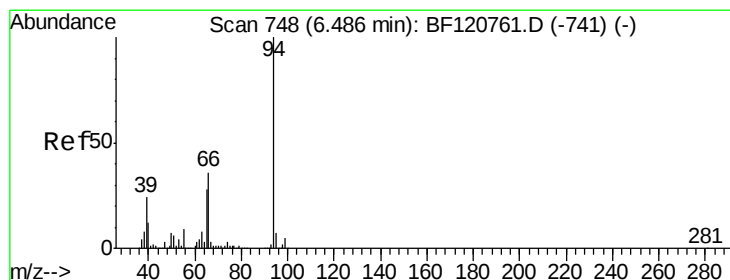
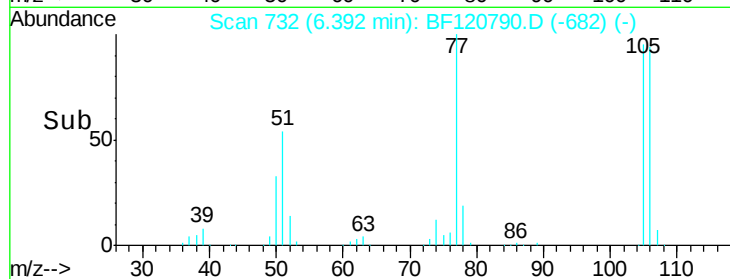
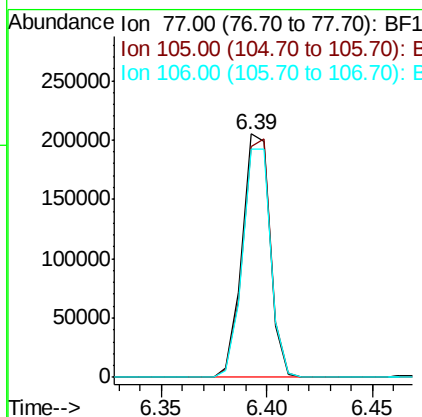
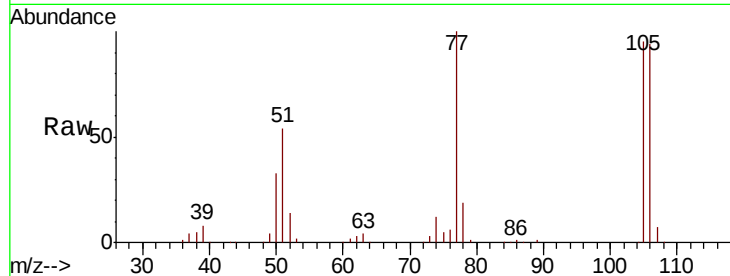




#9
Benzaldehyde
Concen: 25.207 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

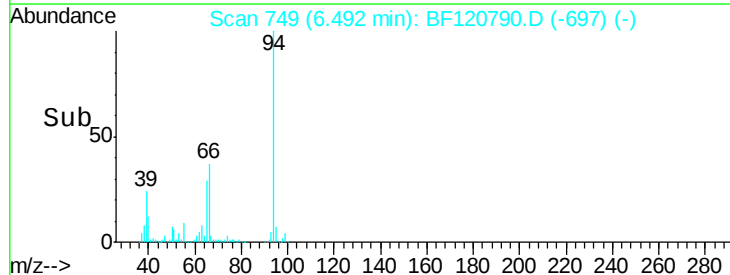
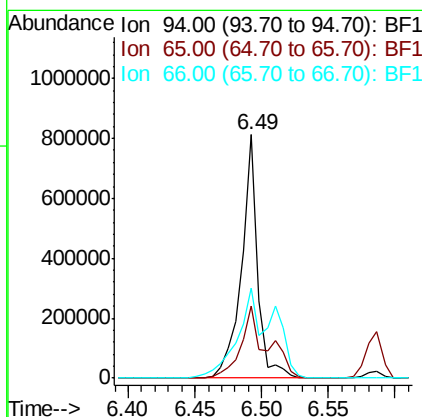
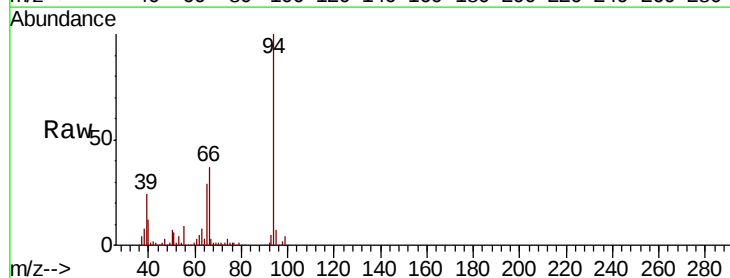
Instrument :
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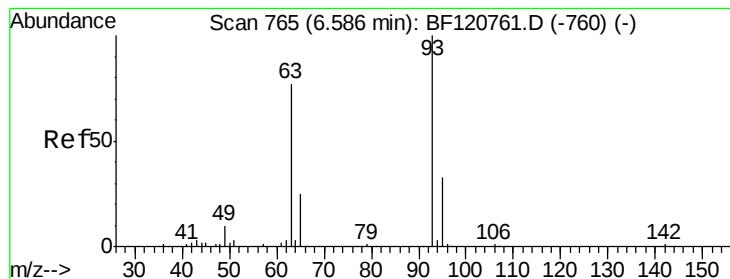
Tot Ion: 77 Resp: 187519
Ion Ratio Lower Upper
77 100
105 94.7 76.8 116.8
106 93.5 73.8 113.8



#10
Phenol
Concen: 53.425 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion: 94 Resp: 687432
Ion Ratio Lower Upper
94 100
65 29.5 8.4 48.4
66 36.8 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 49.130 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

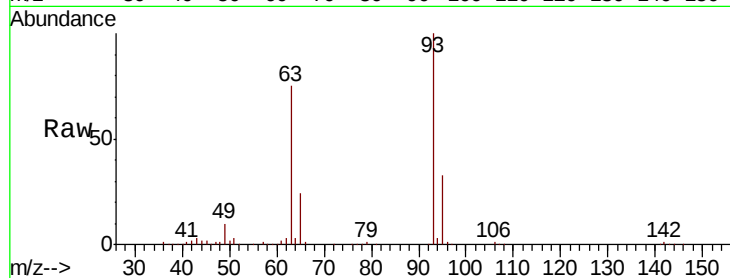
Tot Ion: 93 Resp: 514422

Ion Ratio Lower Upper

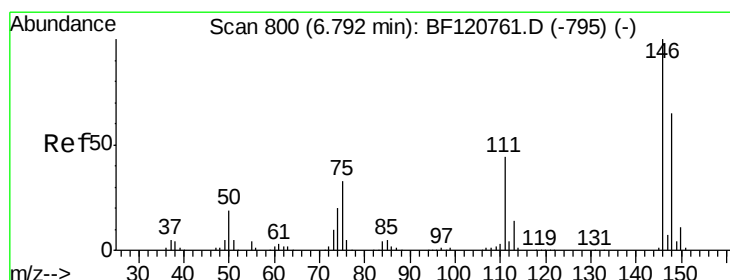
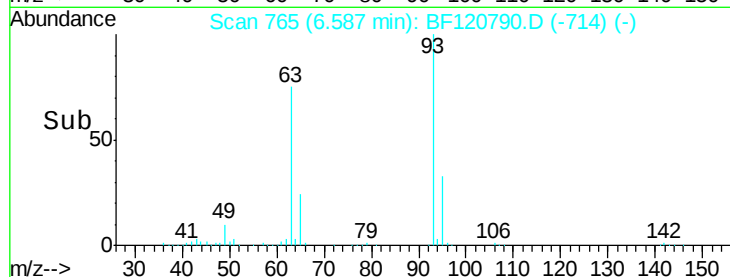
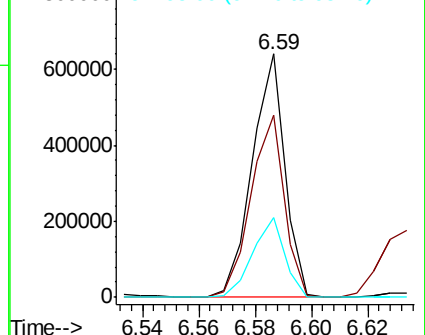
93 100

63 75.0 56.9 96.9

95 32.9 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 48.313 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

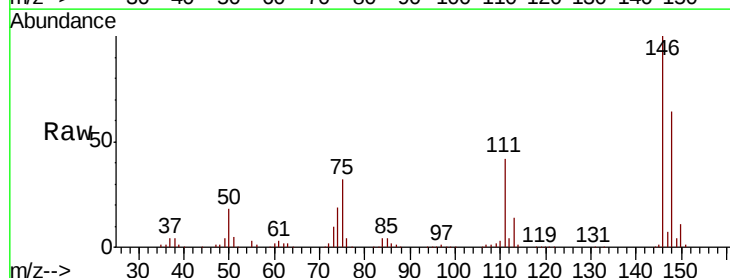
Tgt Ion: 146 Resp: 554543

Ion Ratio Lower Upper

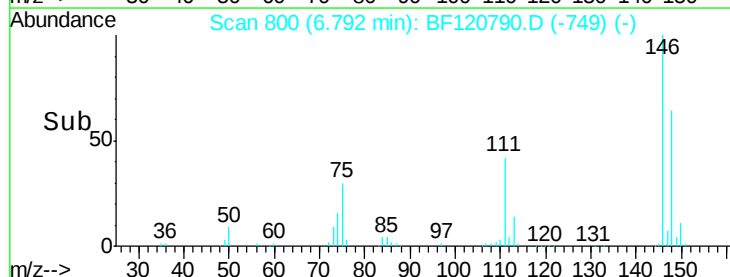
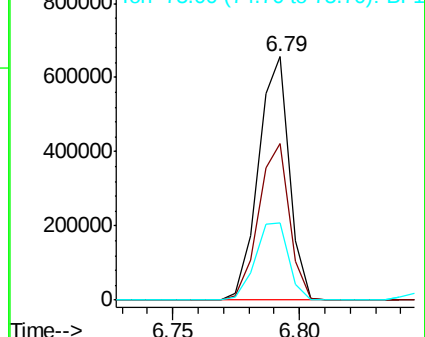
146 100

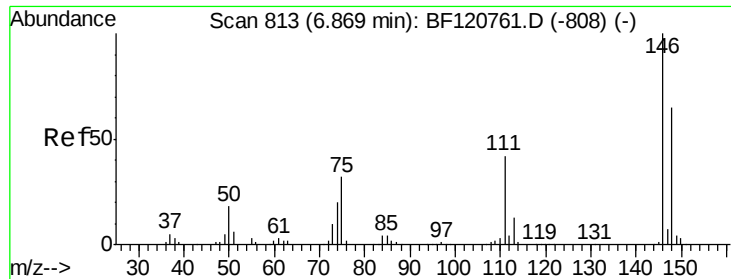
148 64.2 52.1 78.1

75 31.5 26.0 39.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

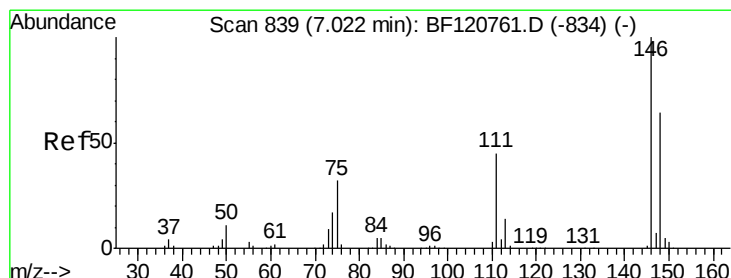
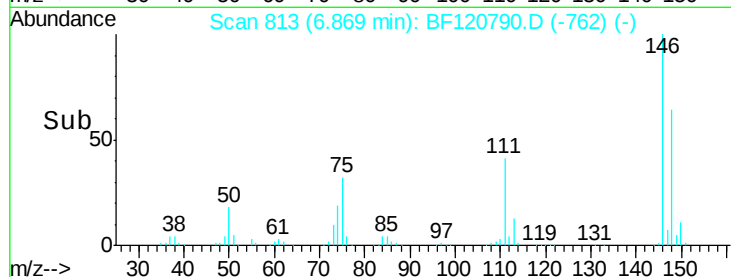
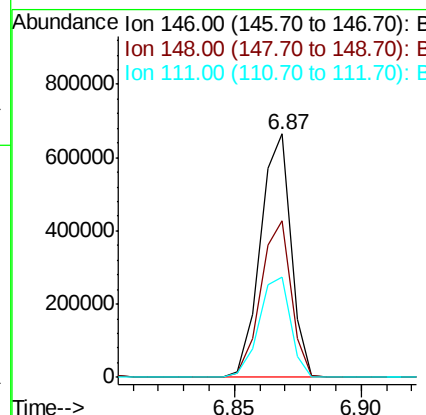
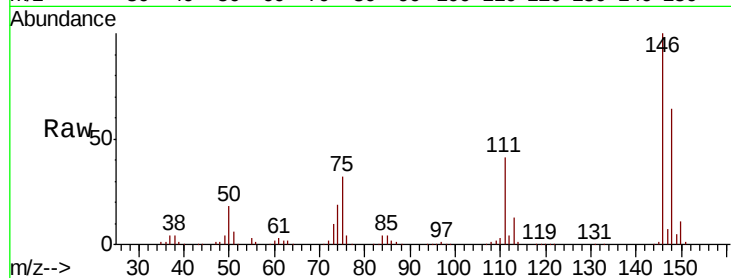




#13
 1,4-Dichlorobenzene
 Concen: 48.738 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

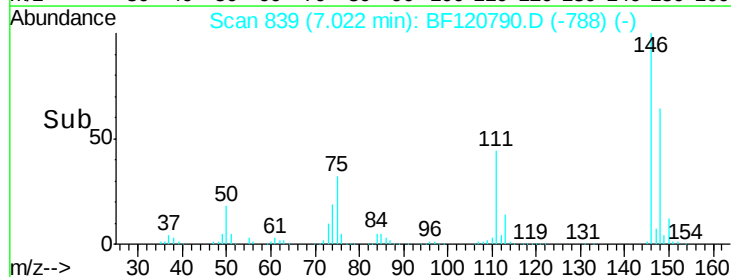
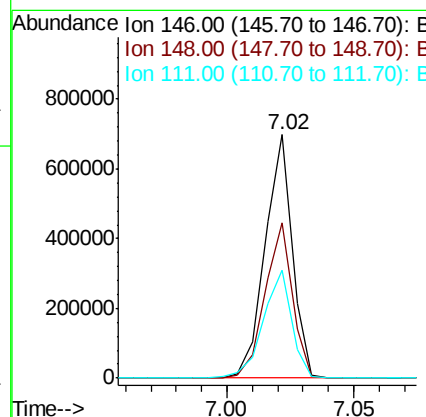
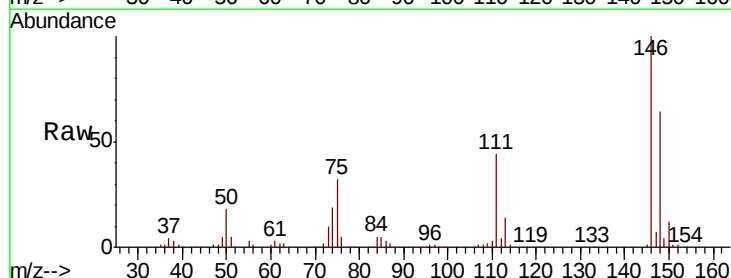
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

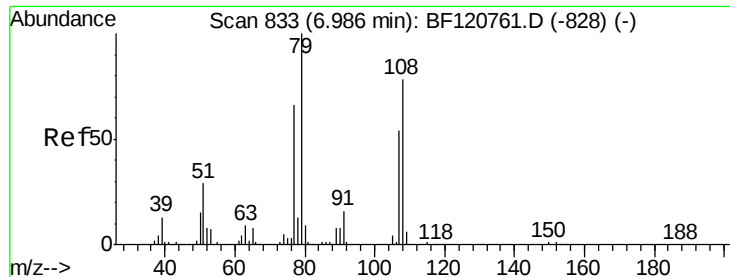
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
111	40.9	33.7	50.5



#14
 1,2-Dichlorobenzene
 Concen: 47.965 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	44.1	35.7	53.5





#15

Benzyl Alcohol

Concen: 48.006 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

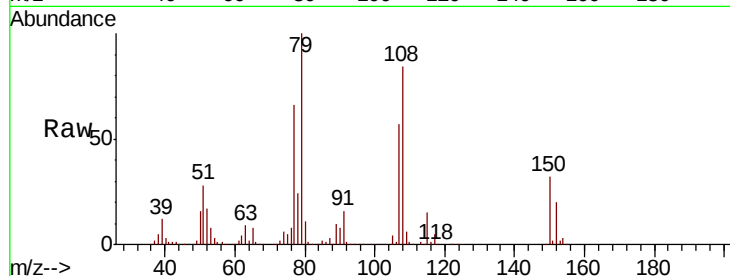
Tot Ion: 79 Resp: 451160

Ion Ratio Lower Upper

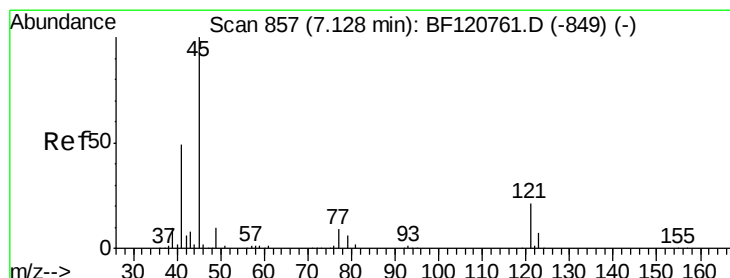
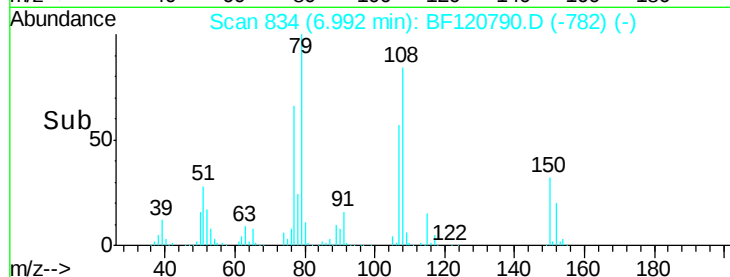
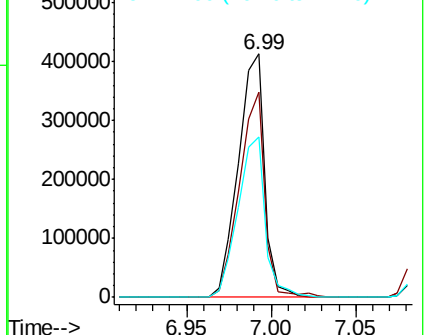
79 100

108 84.2 62.4 93.6

77 65.6 52.7 79.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.835 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

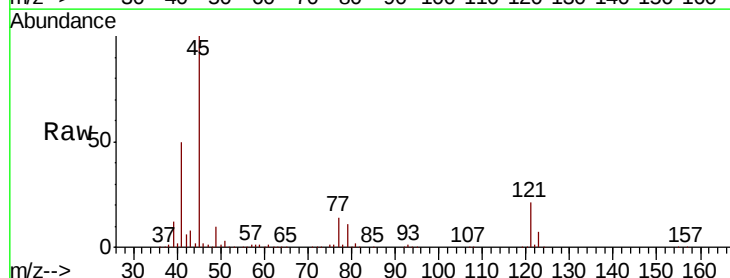
Tgt Ion: 45 Resp: 764897

Ion Ratio Lower Upper

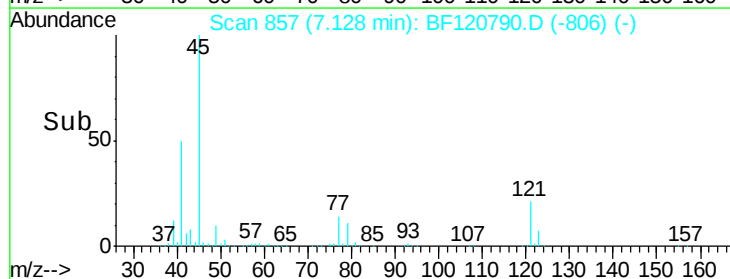
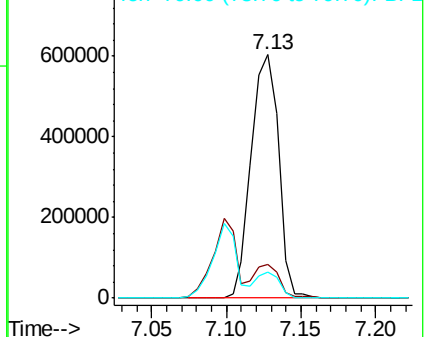
45 100

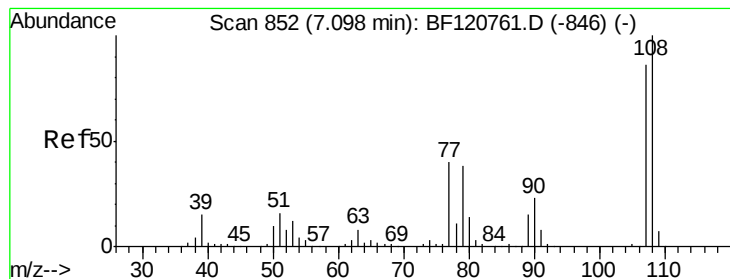
77 13.8 0.0 33.7

79 10.7 0.0 30.5



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

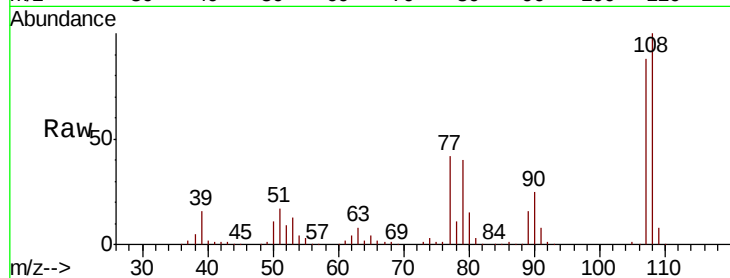




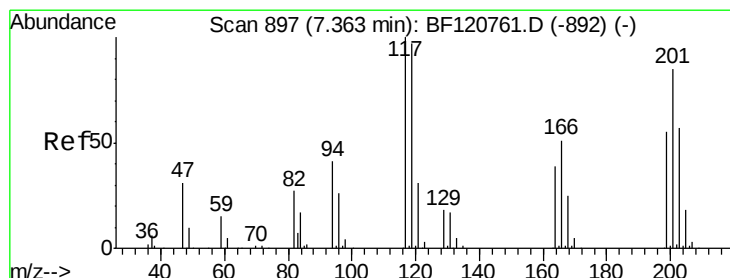
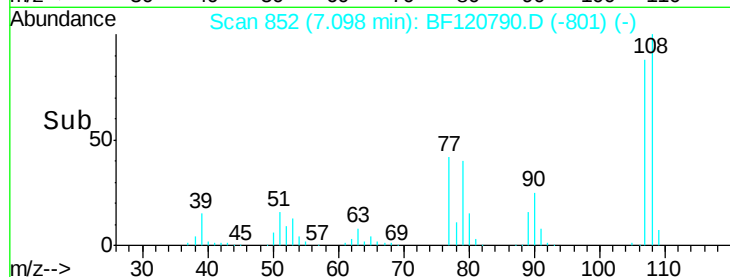
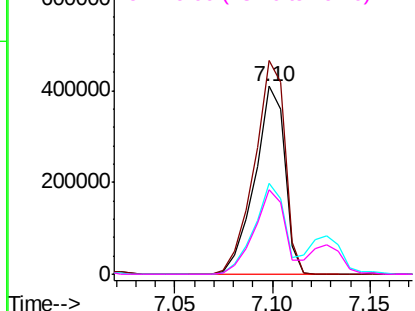
#17
2-Methylphenol
Concen: 46.788 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:107 Resp: 436481
Ion Ratio Lower Upper
107 100
108 113.9 93.1 139.7
77 48.2 37.3 55.9
79 45.0 35.3 52.9

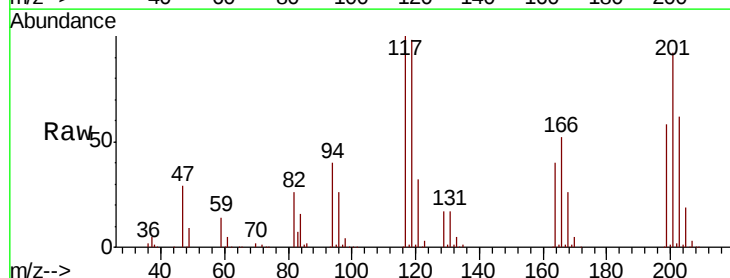


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

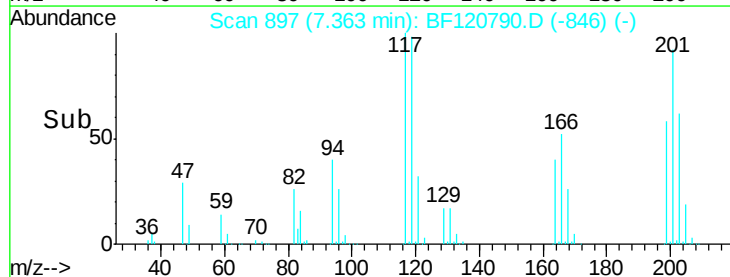
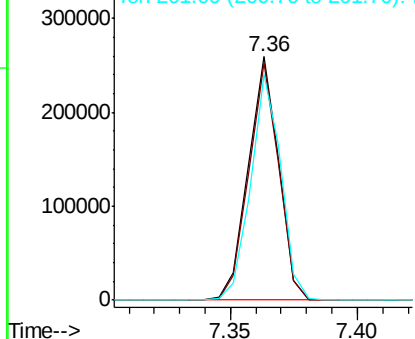


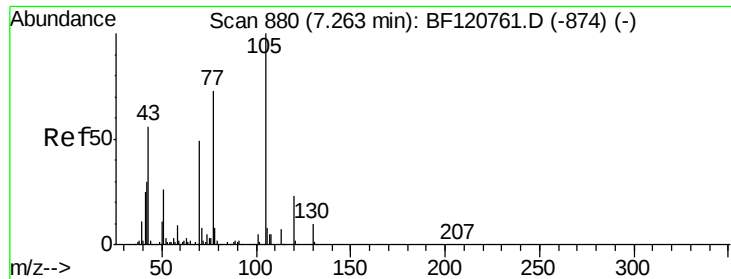
#18
Hexachloroethane
Concen: 49.869 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:117 Resp: 215481
Ion Ratio Lower Upper
117 100
119 97.6 77.9 116.9
201 92.4 68.3 102.5



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

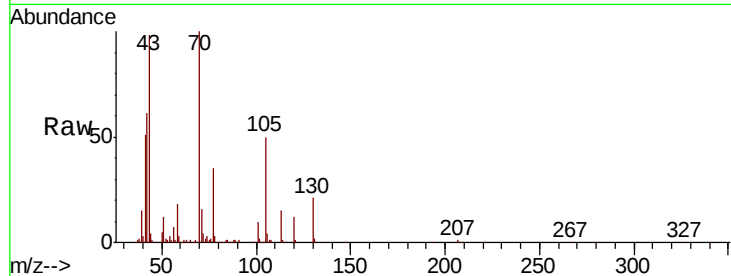




#19
n-Nitroso-di-n-propylamine
Concen: 48.703 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:	70	Resp:	366798
Ion	Ratio	Lower	Upper
70	100		
42	60.9	50.3	75.5
101	9.7	7.5	11.3
130	21.5	16.1	24.1



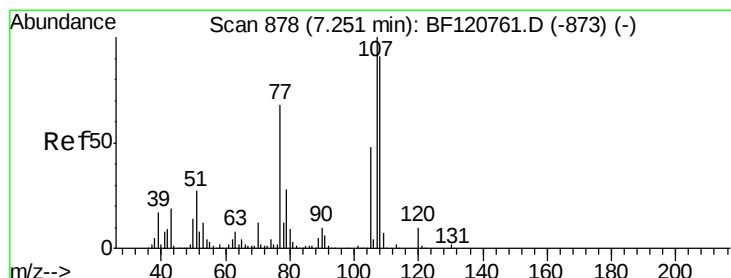
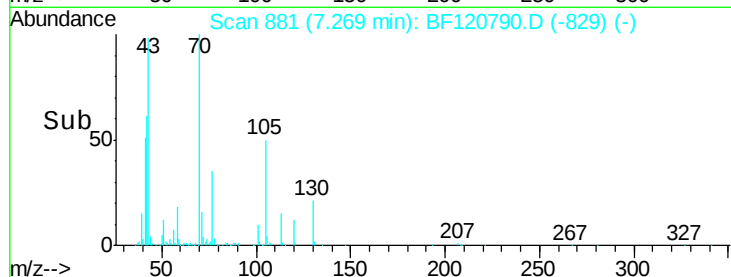
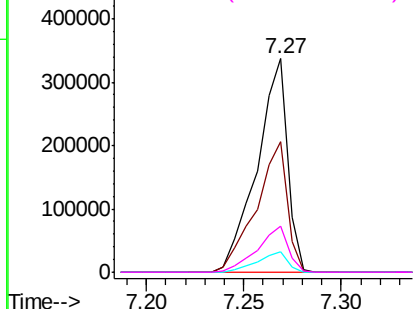
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

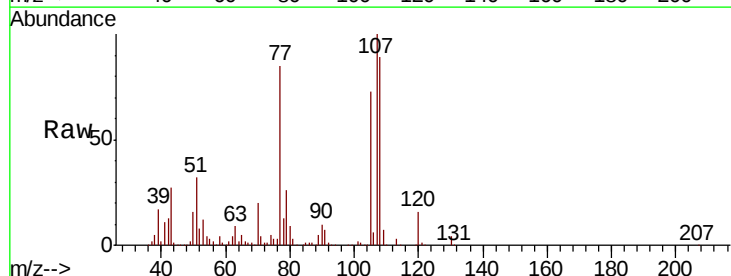
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 44.871 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:	107	Resp:	515557
Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.9	110.9
77	85.1	48.3	88.3
79	26.4	7.8	47.8



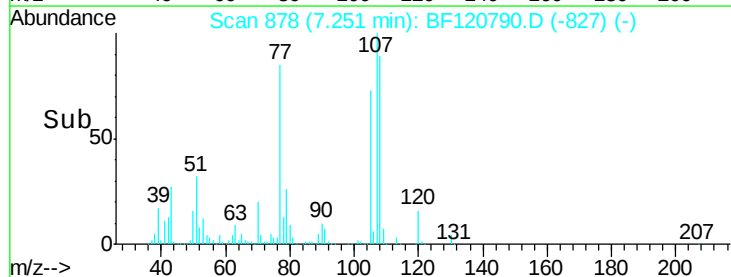
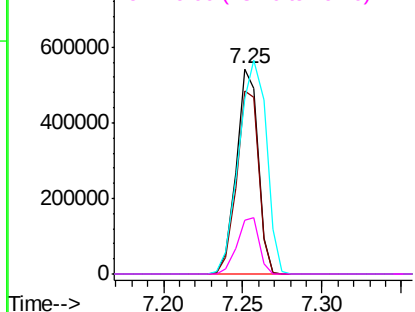
Abundance

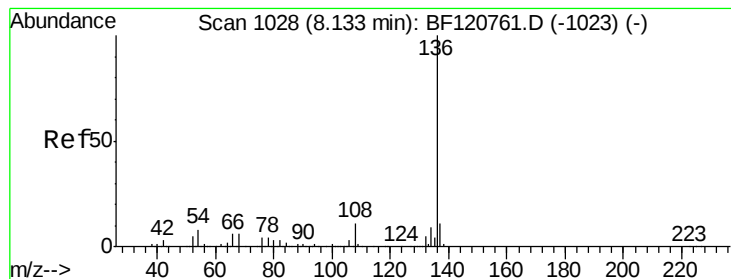
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:136 Resp: 584189

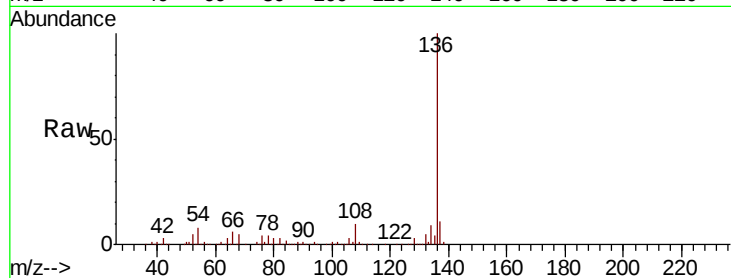
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.8 6.2 9.4

68 5.4 4.7 7.1

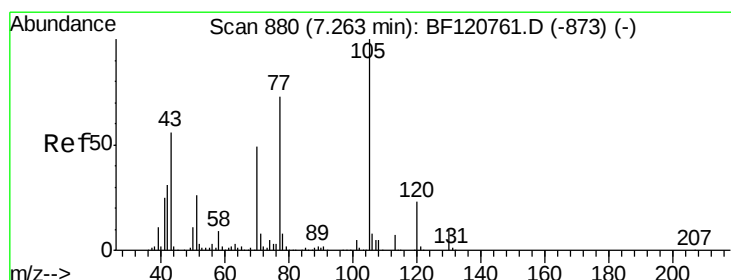
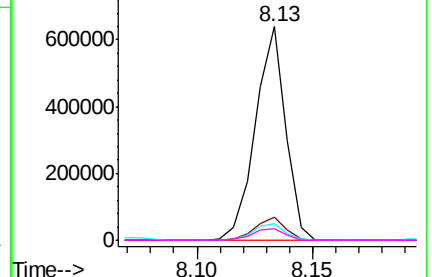
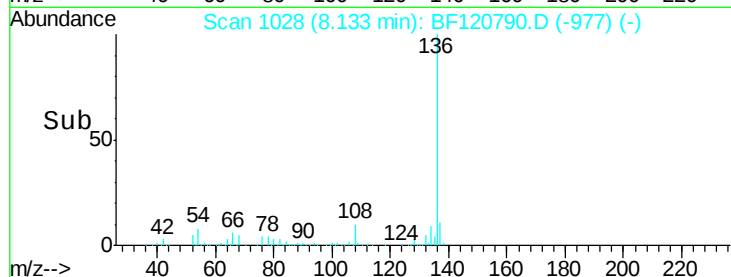


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.804 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Tgt Ion:105 Resp: 694153

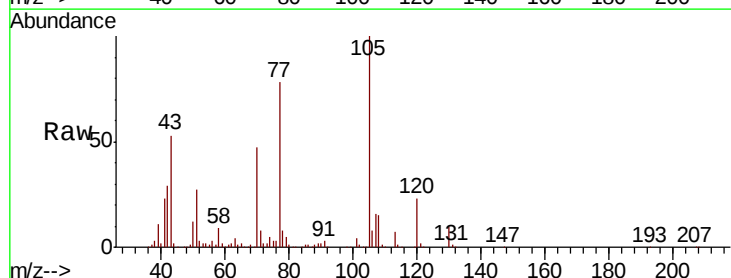
Ion Ratio Lower Upper

105 100

71 7.8 6.5 9.7

51 26.5 21.0 31.4

120 22.7 18.6 28.0

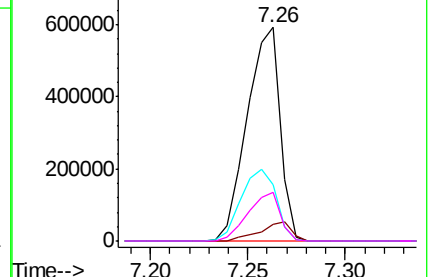
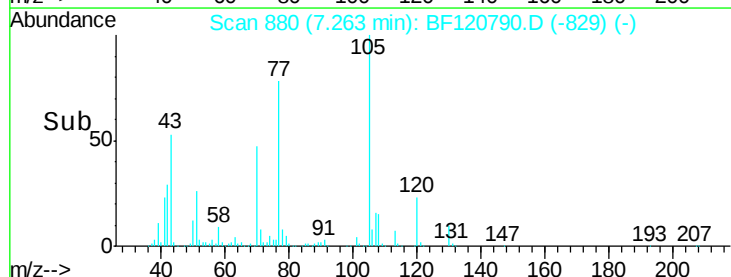


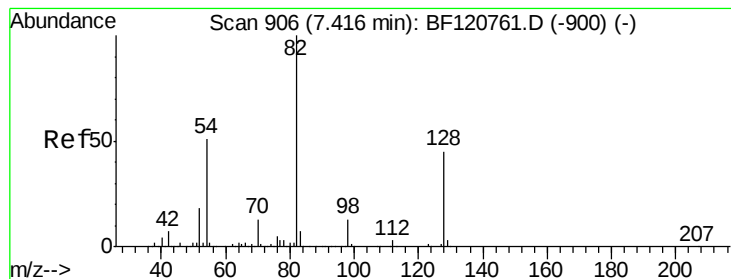
Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.970 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

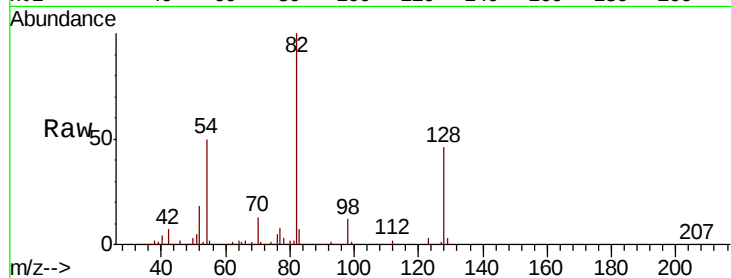
Tot Ion: 82 Resp: 907176

Ion Ratio Lower Upper

82 100

128 46.2 35.7 53.5

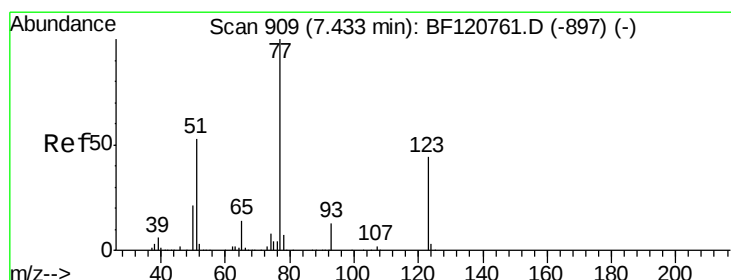
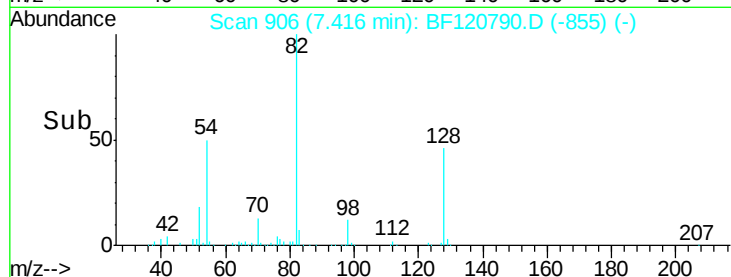
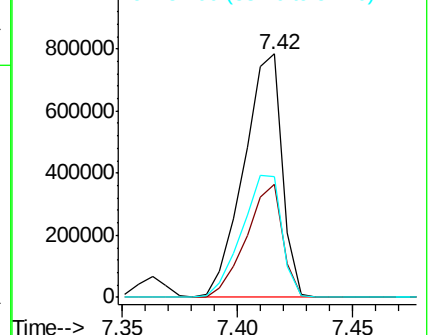
54 49.8 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 50.935 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

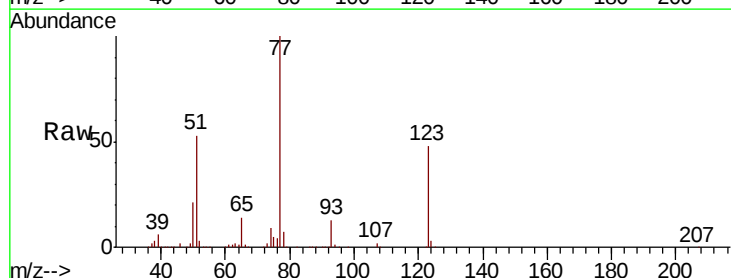
Tgt Ion: 77 Resp: 576647

Ion Ratio Lower Upper

77 100

123 47.8 36.1 54.1

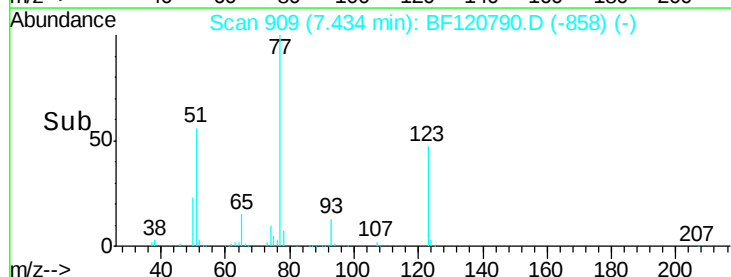
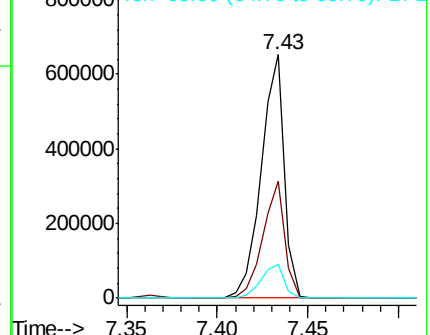
65 13.7 11.0 16.4

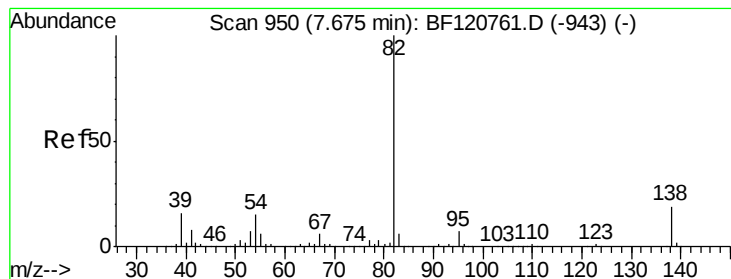


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 47.787 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

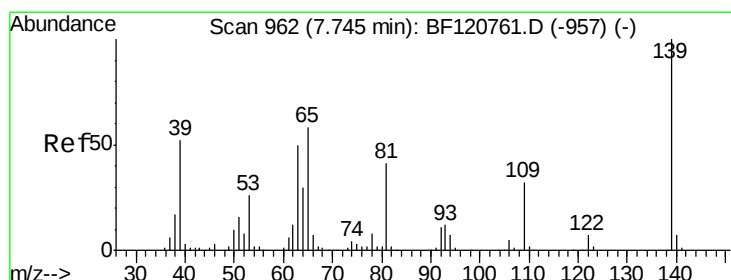
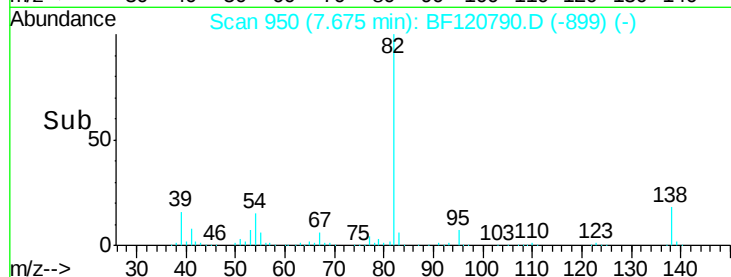
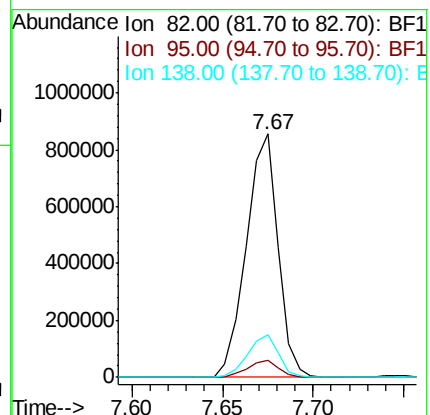
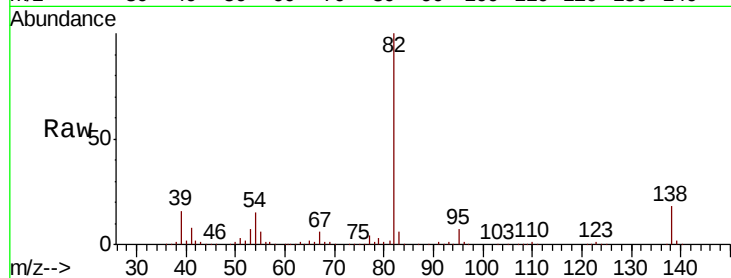
Tot Ion: 82 Resp: 1039130

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 17.6 15.0 22.4



#26

2-Nitrophenol

Concen: 54.836 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

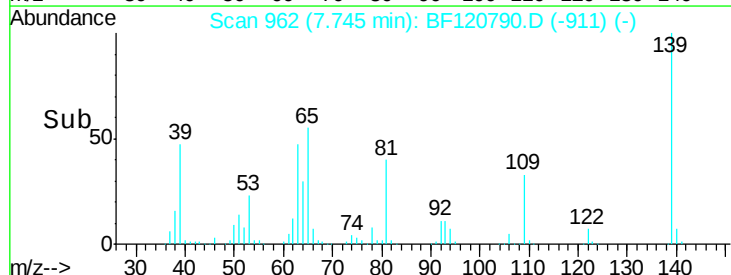
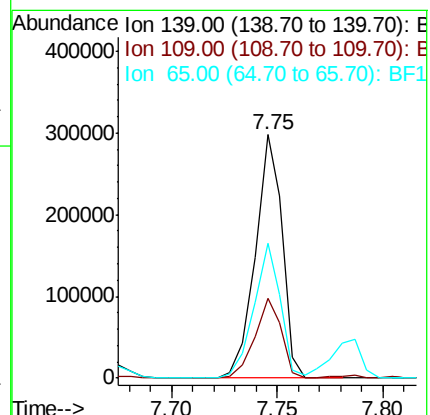
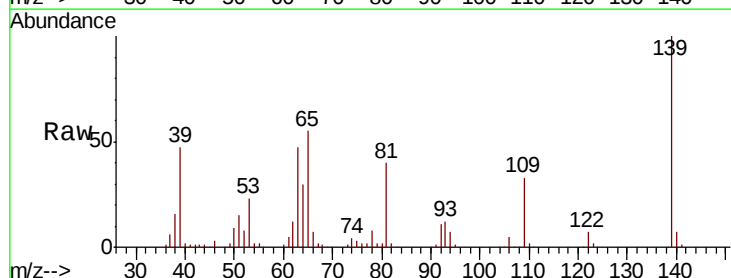
Tgt Ion: 139 Resp: 263923

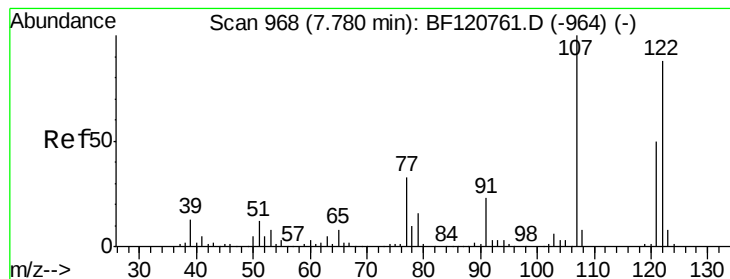
Ion Ratio Lower Upper

139 100

109 32.6 25.3 37.9

65 55.1 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 52.379 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

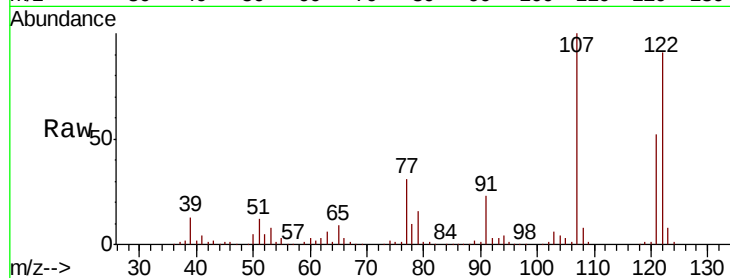
Tot Ion:122 Resp: 454670

Ion Ratio Lower Upper

122 100

107 110.0 90.7 136.1

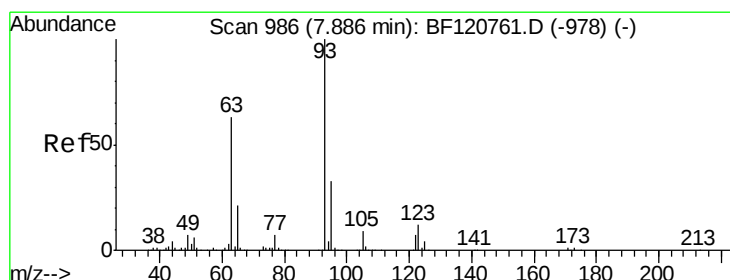
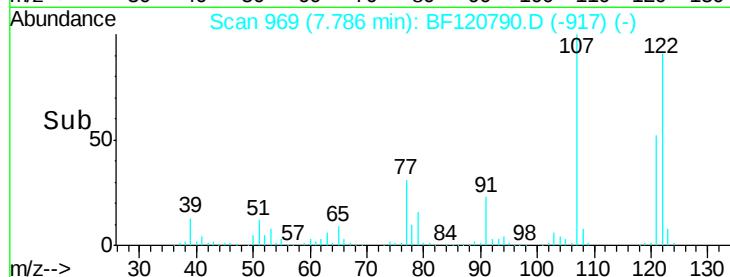
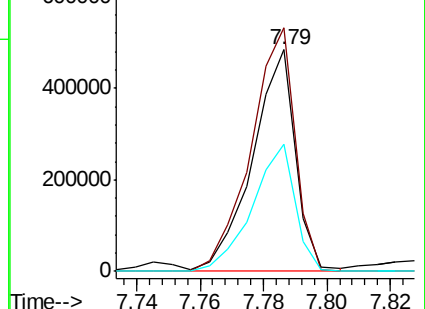
121 57.6 45.4 68.0



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: 50.314 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

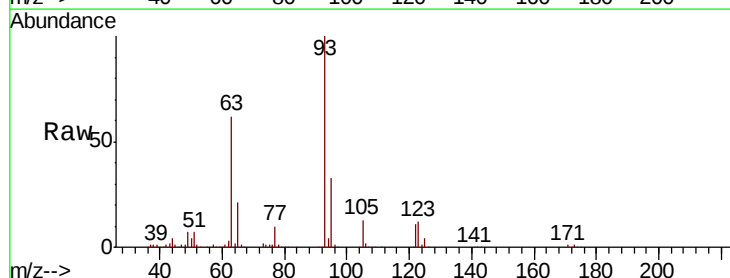
Tgt Ion: 93 Resp: 647519

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

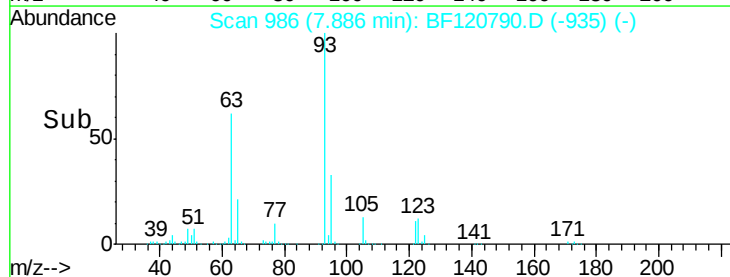
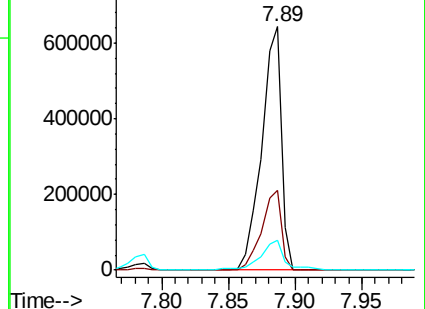
123 12.2 10.2 15.2



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

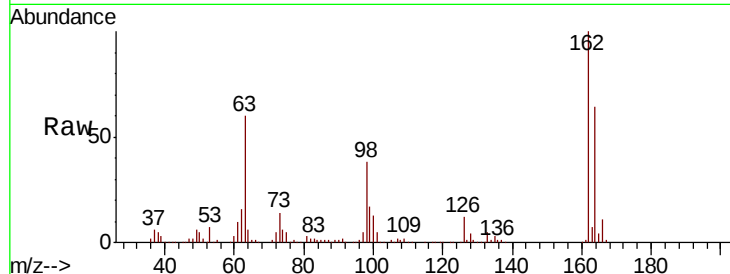




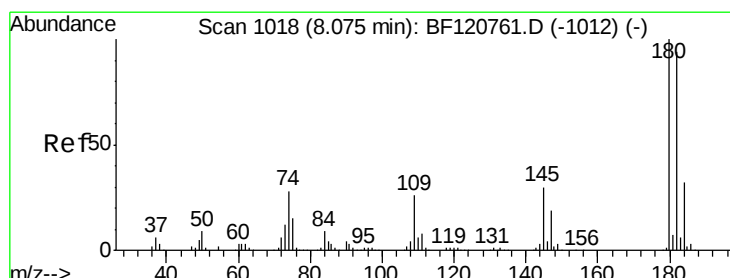
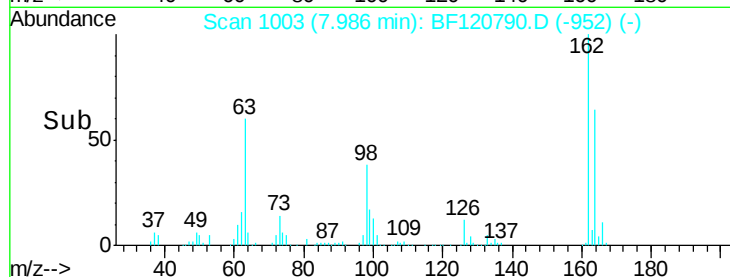
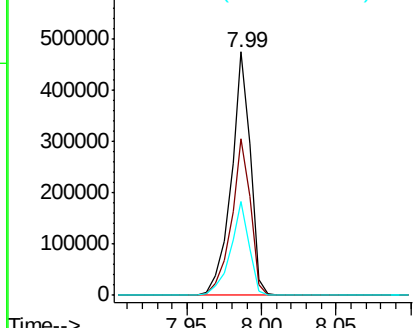
#29
2,4-Dichlorophenol
Concen: 49.456 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.2	85.2
98	38.4	17.0	57.0

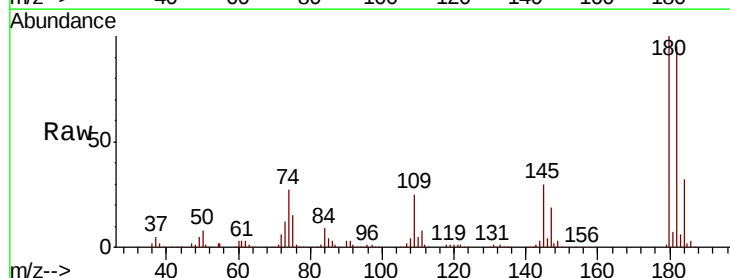


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

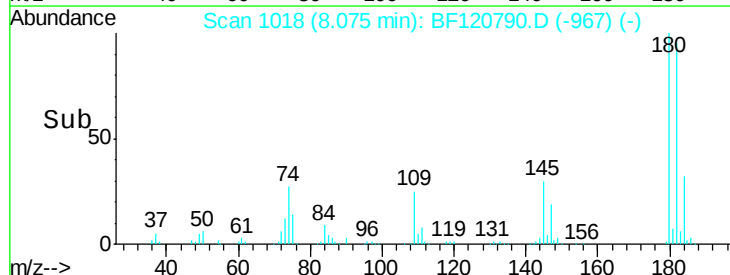
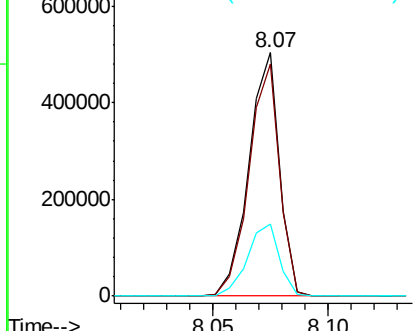


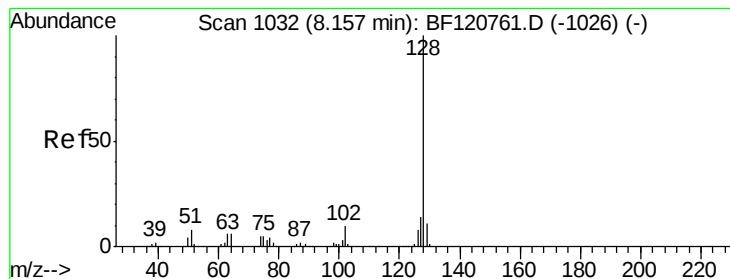
#30
1,2,4-Trichlorobenzene
Concen: 47.831 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.5	113.3
145	29.6	24.1	36.1



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





#31

Naphthalene

Concen: 47.897 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

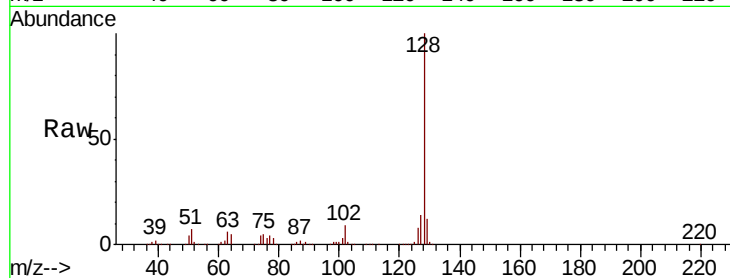
Tot Ion:128 Resp: 1495359

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

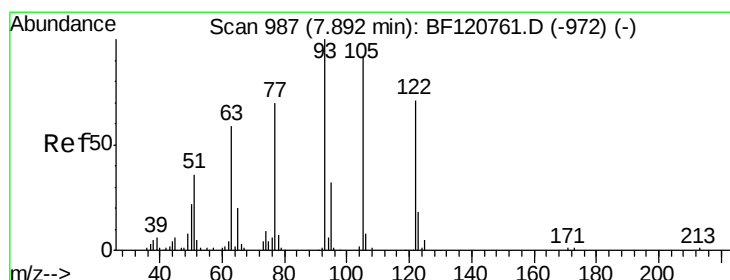
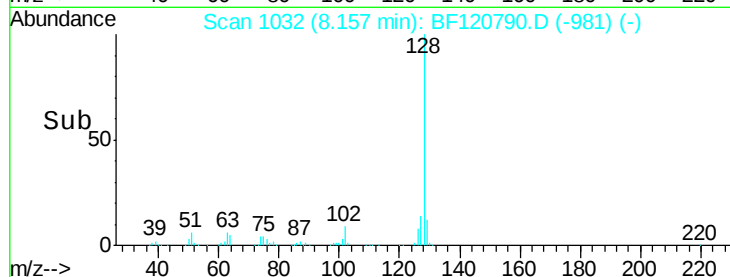
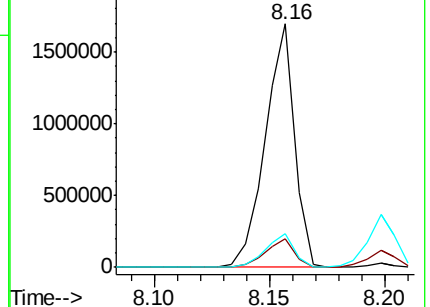
127 13.9 11.1 16.7



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: 54.542 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.02 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

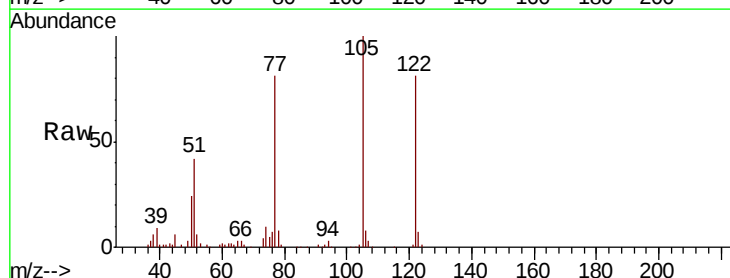
Tgt Ion:122 Resp: 338641

Ion Ratio Lower Upper

122 100

105 123.1 105.8 145.8

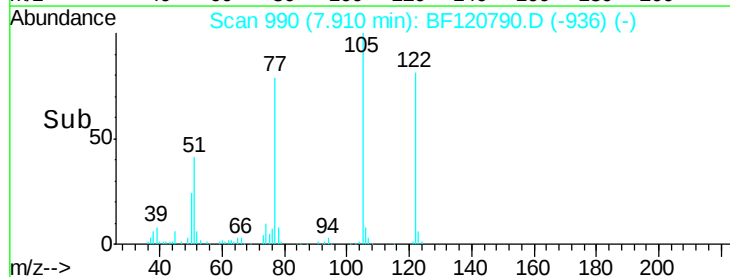
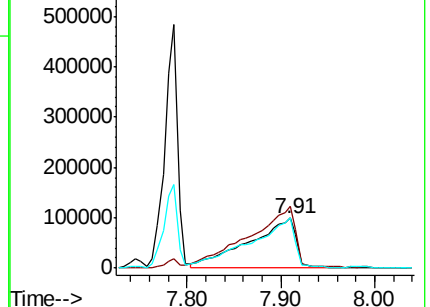
77 99.5 77.3 117.3



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

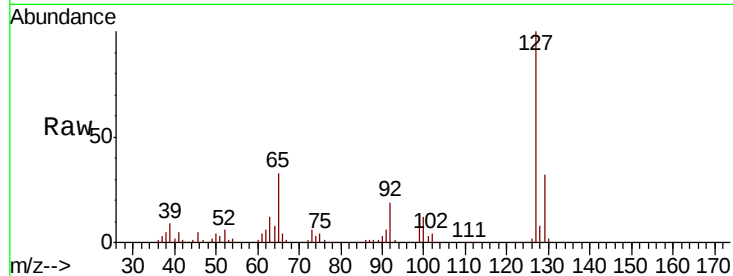




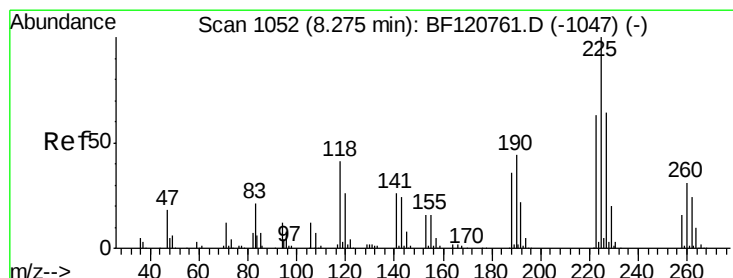
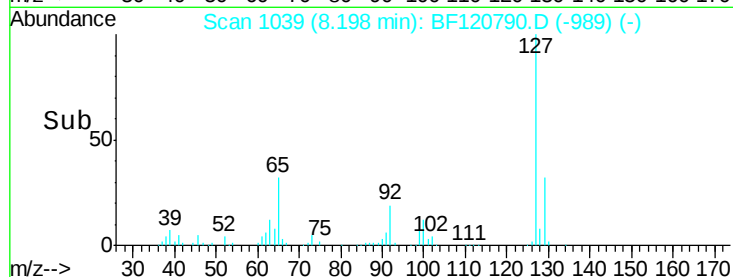
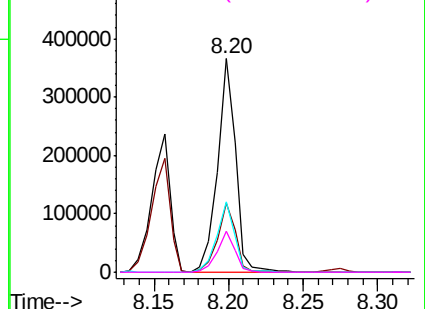
#33
4-Chloroaniline
Concen: 23.380 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:	127	Resp:	309738
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	39.8
65	32.8	22.7	34.1
92	19.2	14.3	21.5

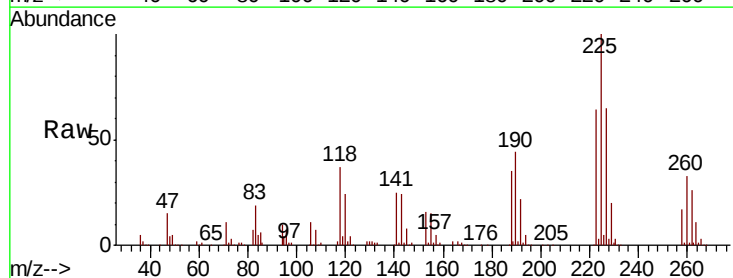


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

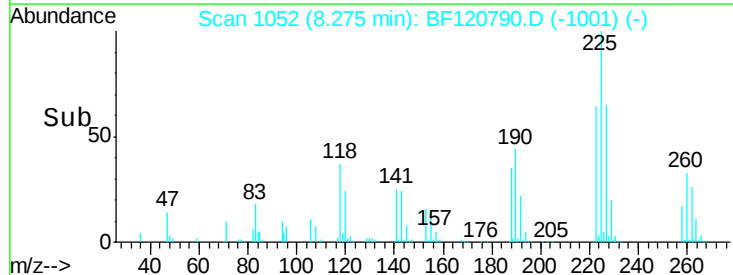
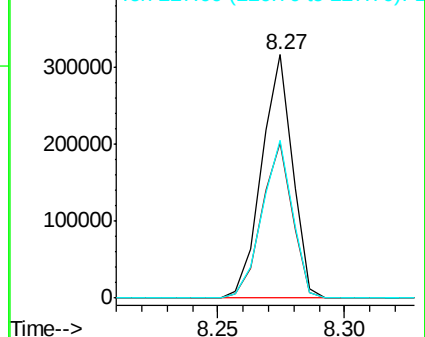


#34
Hexachlorobutadiene
Concen: 46.082 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:	225	Resp:	269755
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	64.6	51.4	77.2



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

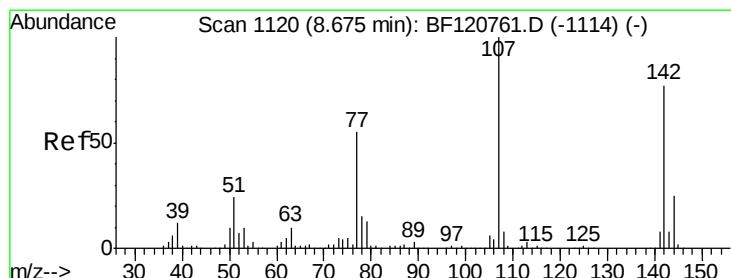
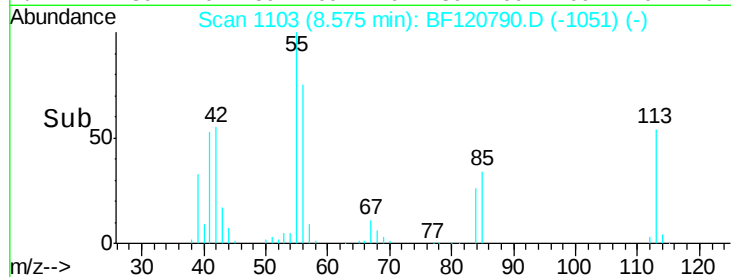
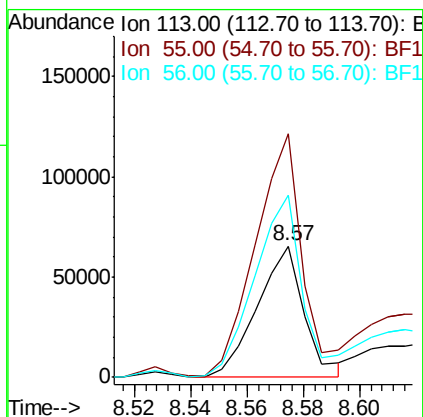
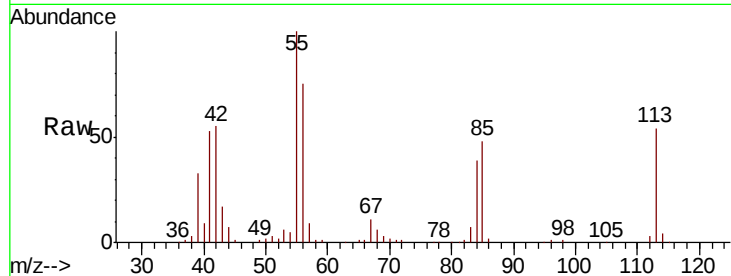




#35
 Caprolactam
 Concen: 29.996 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

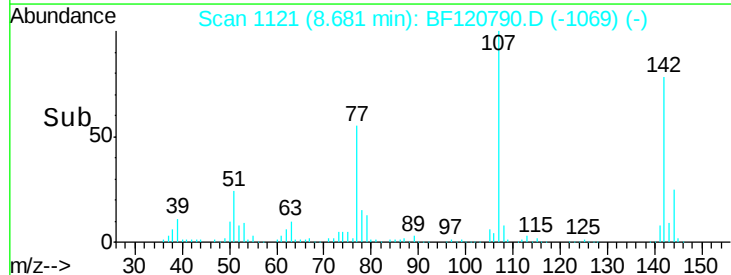
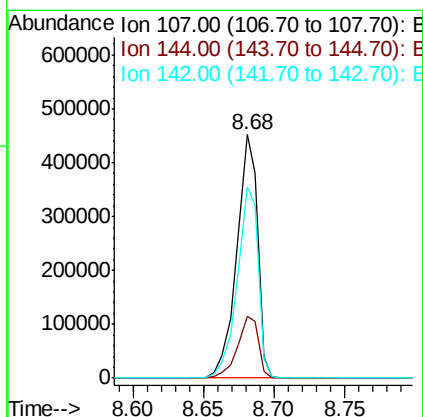
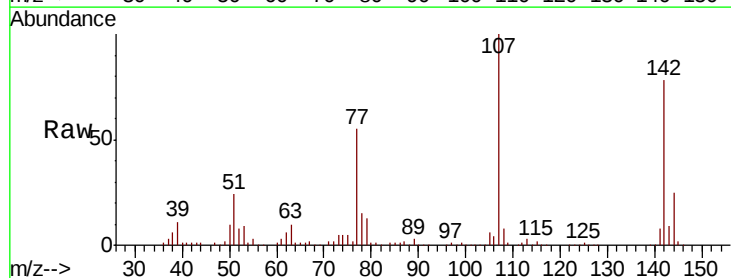
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

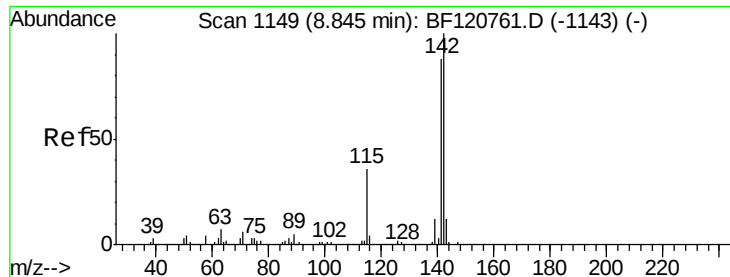
Tot Ion:113 Resp: 75741
 Ion Ratio Lower Upper
 113 100
 55 185.6 168.3 208.3
 56 139.0 118.8 158.8



#36
 4-Chloro-3-methylphenol
 Concen: 51.300 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Tgt Ion:107 Resp: 462422
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.7 29.5
 142 78.5 61.2 91.8

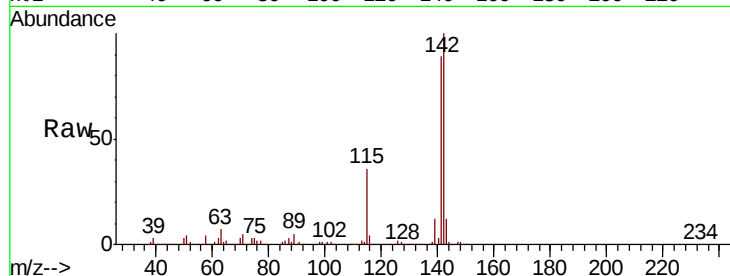




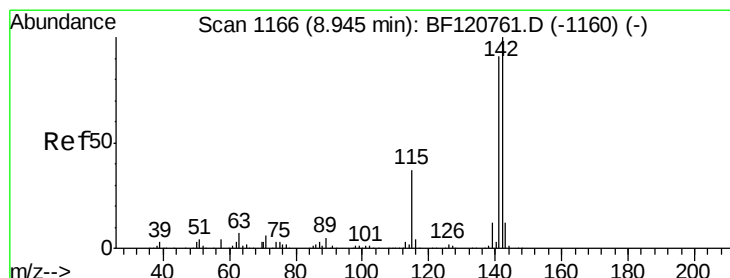
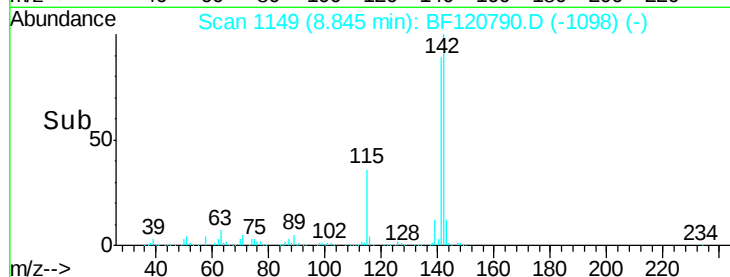
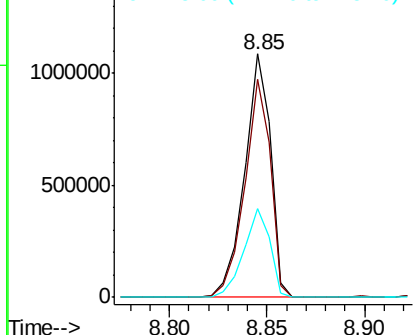
#37
2-Methylnaphthalene
Concen: 49.326 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:142 Resp: 1001084
Ion Ratio Lower Upper
142 100
141 89.3 70.2 105.4
115 36.3 29.0 43.4

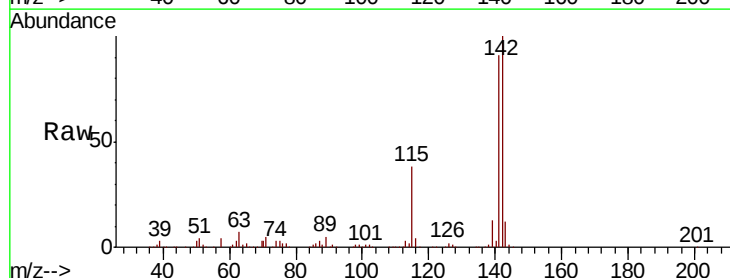


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

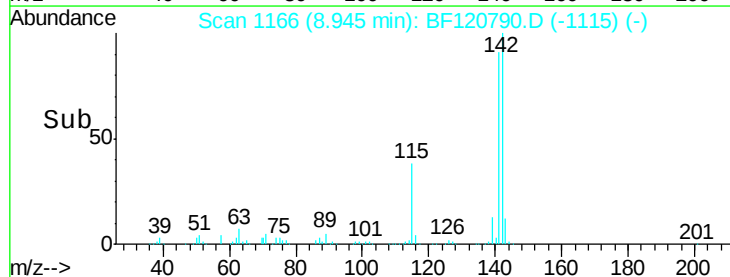
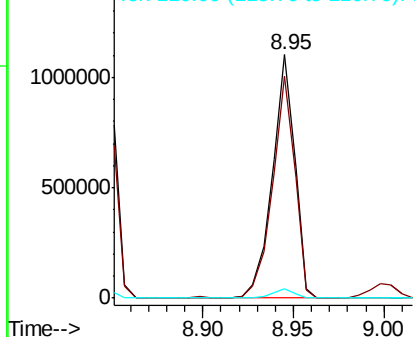


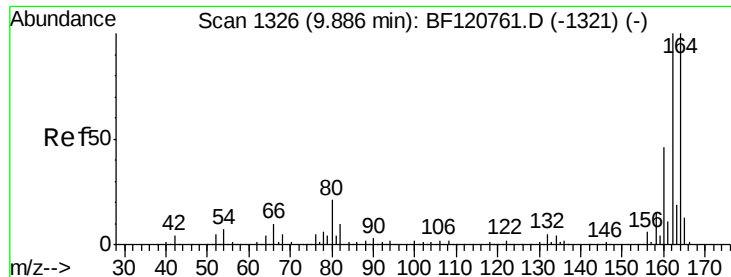
#38
1-Methylnaphthalene
Concen: 49.584 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:142 Resp: 942623
Ion Ratio Lower Upper
142 100
141 91.0 72.5 108.7
116 4.0 3.1 4.7



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

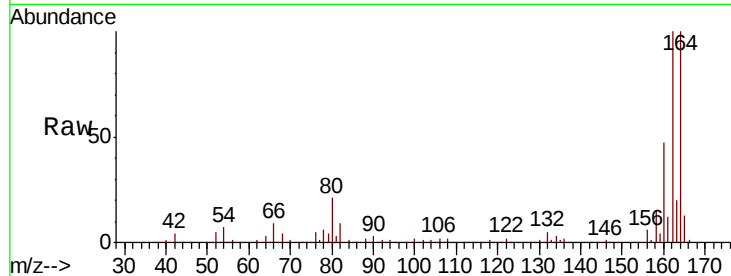




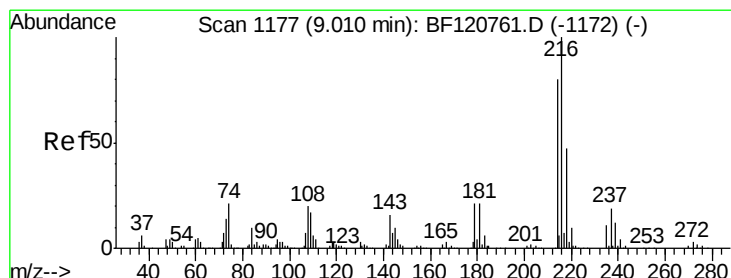
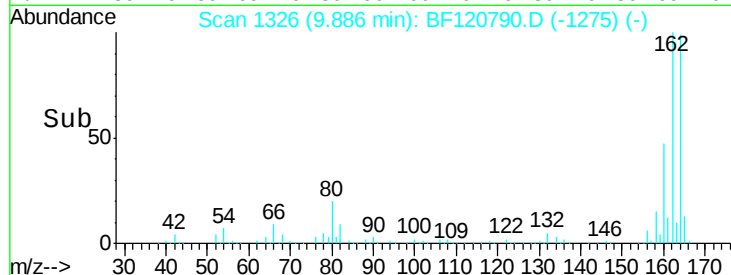
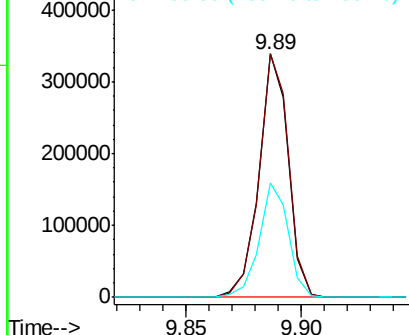
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:164 Resp: 298709
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 46.8 36.9 55.3

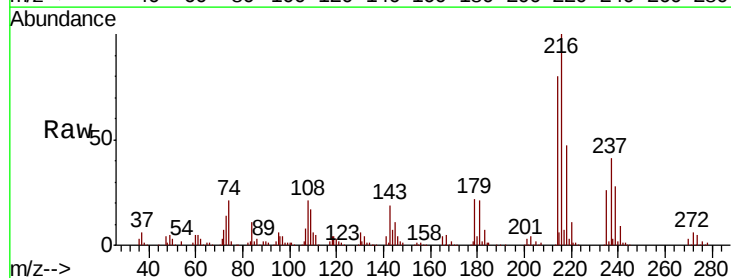


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

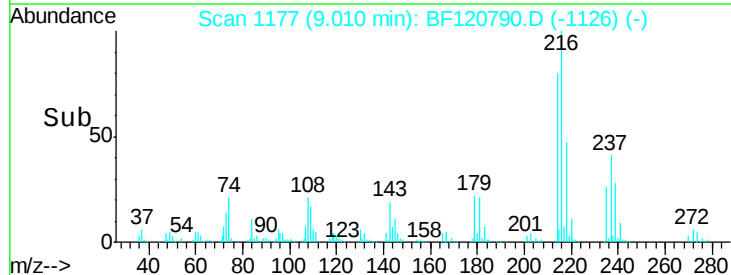
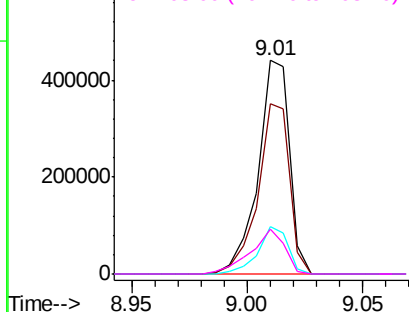


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.570 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:216 Resp: 420421
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 21.0 16.7 25.1
108 23.0 17.0 25.4



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: 93.812 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

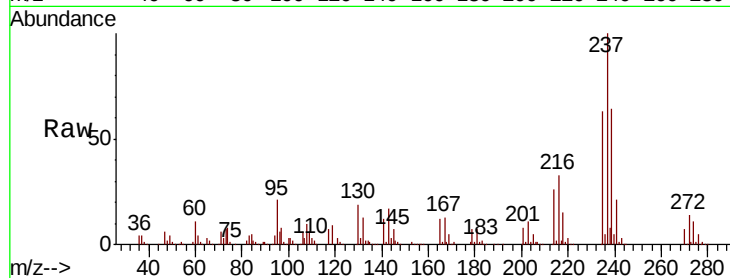
Tot Ion:237 Resp: 500386

Ion Ratio Lower Upper

237 100

235 63.4 42.1 82.1

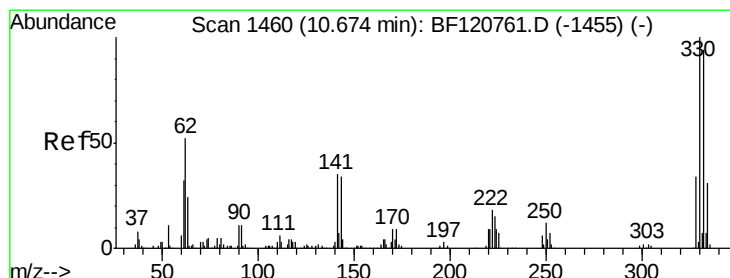
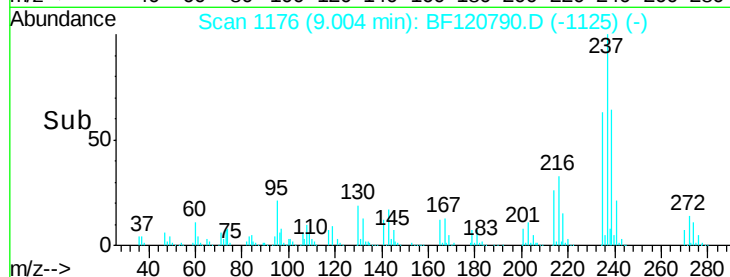
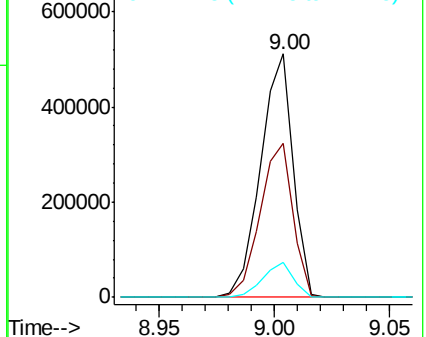
272 14.1 0.0 33.4



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: 128.289 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

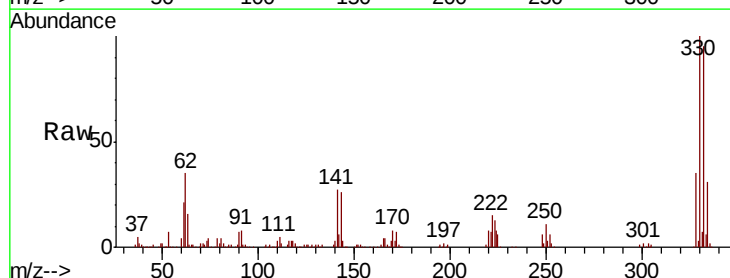
Tgt Ion:330 Resp: 384990

Ion Ratio Lower Upper

330 100

332 95.1 75.8 113.6

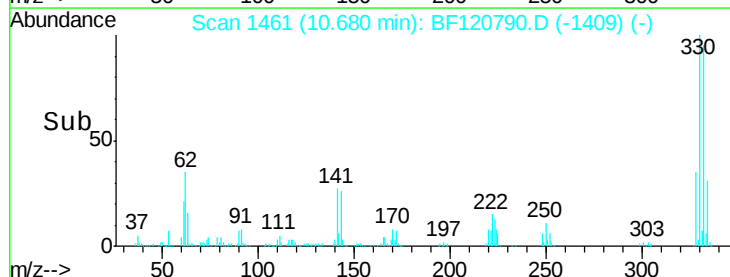
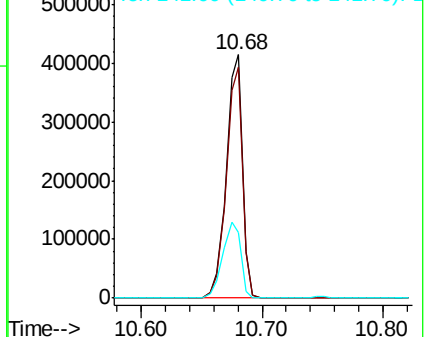
141 34.9 29.7 44.5

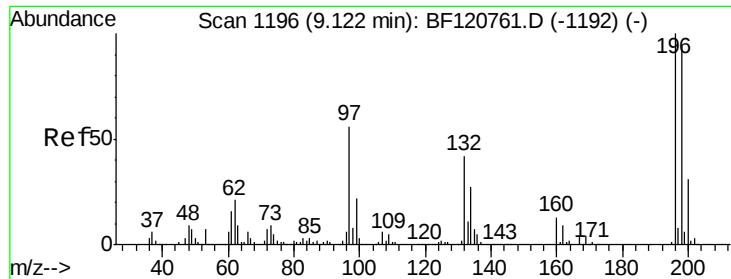


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

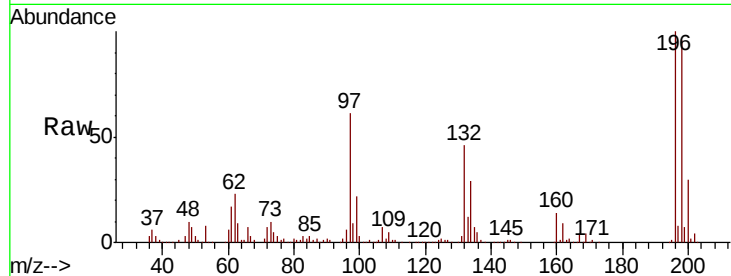




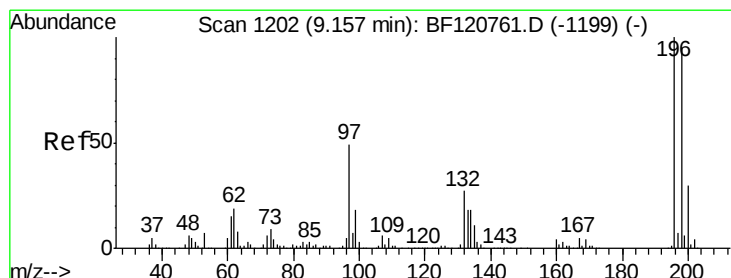
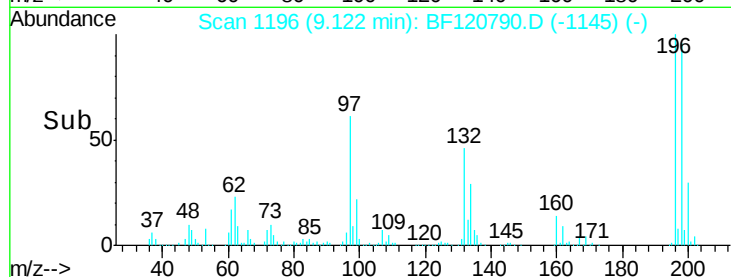
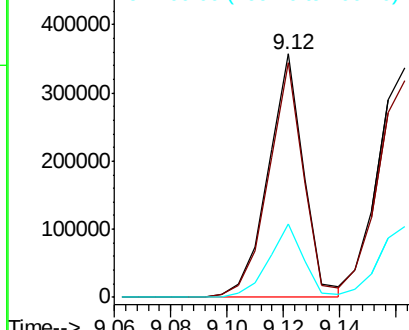
#43
 2,4,6-Trichlorophenol
 Concen: 50.435 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	196	Resp	310255
Ion Ratio	Lower	Upper	
196	100		
198	96.2	75.3	112.9
200	30.1	24.4	36.6



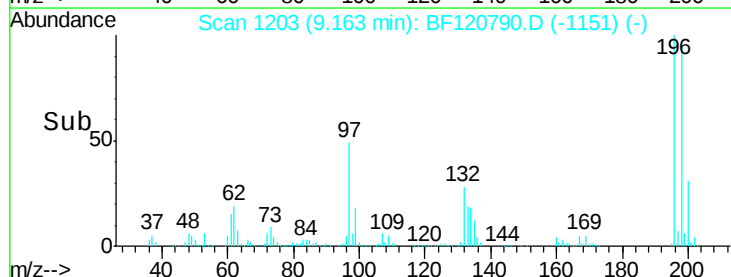
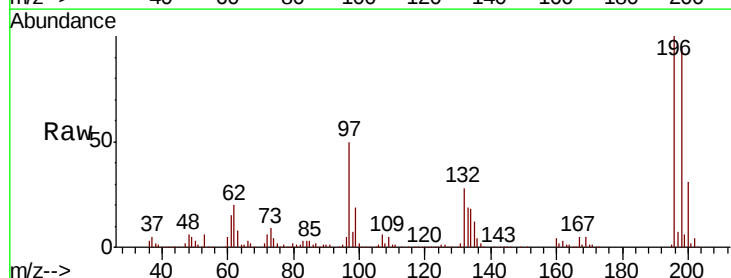
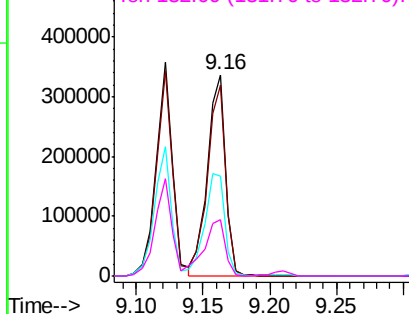
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

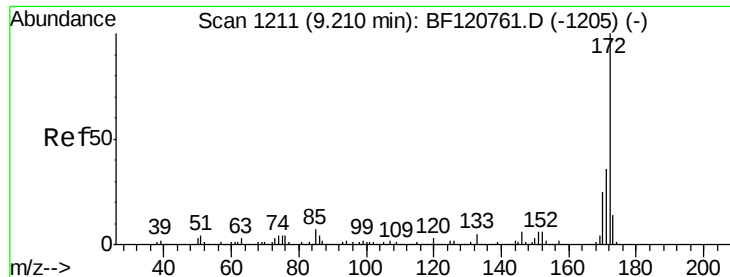


#44
 2,4,5-Trichlorophenol
 Concen: 47.195 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Tgt Ion	196	Resp	322195
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.2	114.2
97	49.5	39.6	59.4
132	28.2	22.0	33.0

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

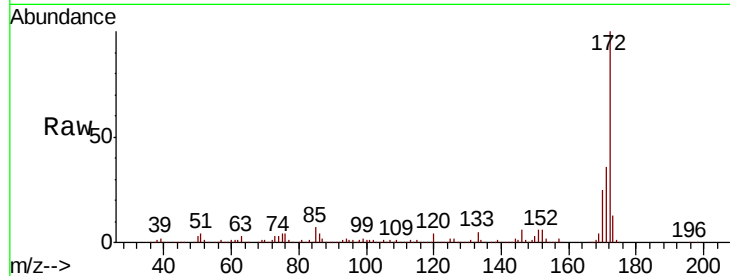




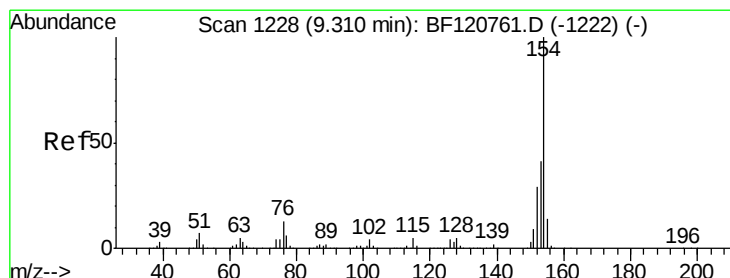
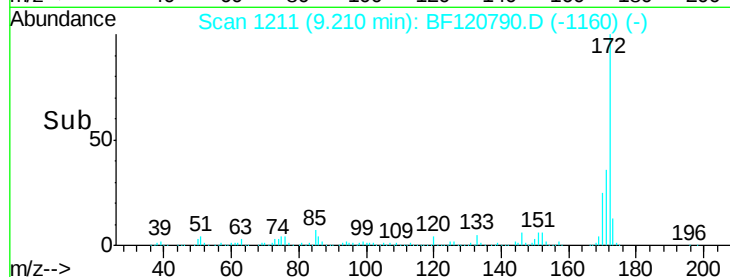
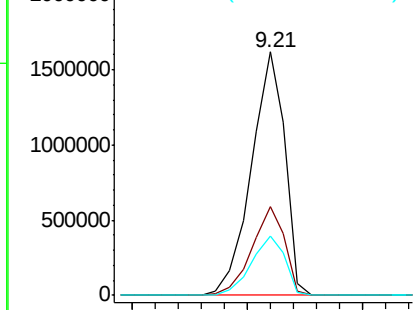
#45
2-Fluorobiphenyl
Concen: 82.697 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:172 Resp: 1632725
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.6 19.8 29.6

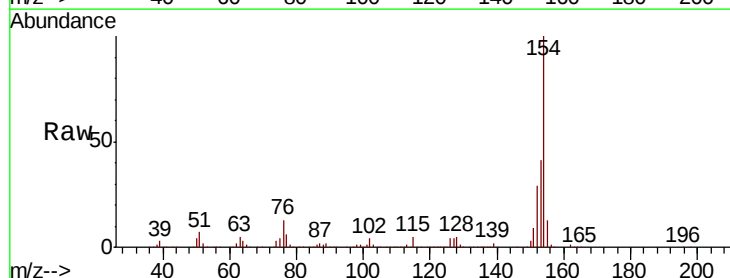


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

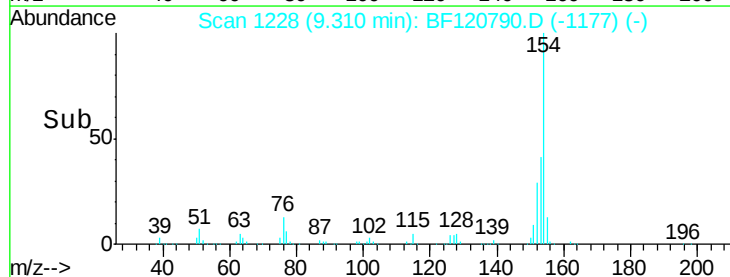
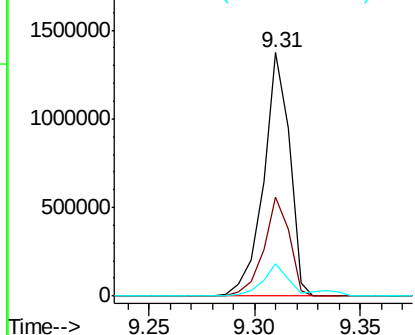


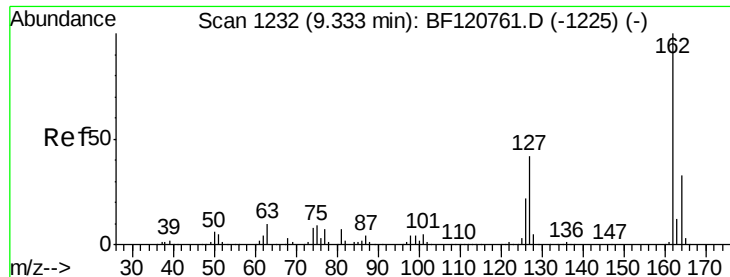
#46
1,1'-Biphenyl
Concen: 48.735 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:154 Resp: 1174248
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 13.1 0.0 33.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

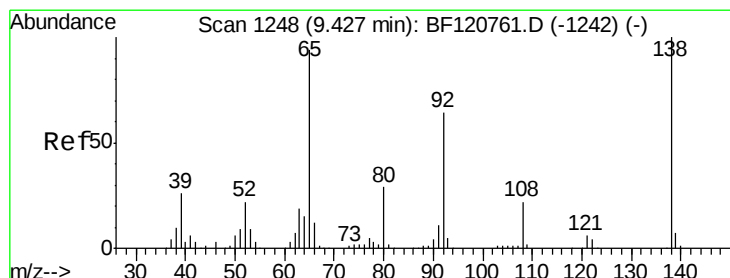
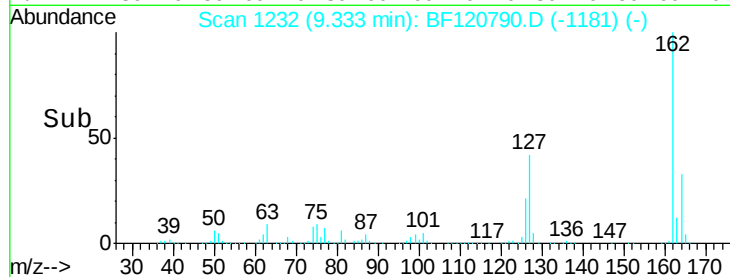
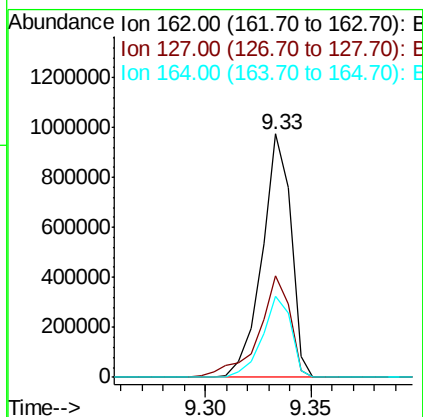
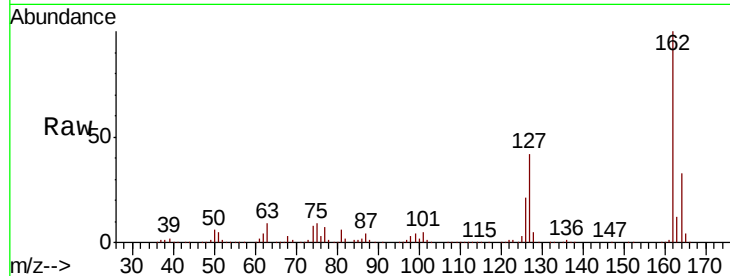




#47
 2-Chloronaphthalene
 Concen: 47.885 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

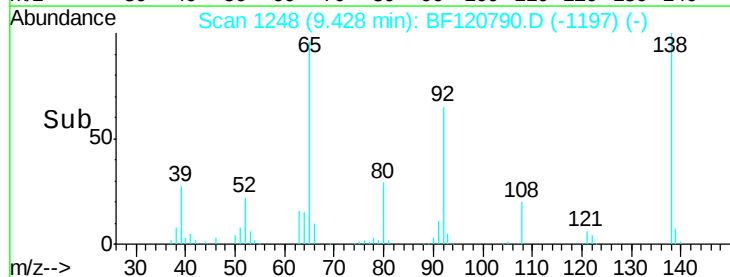
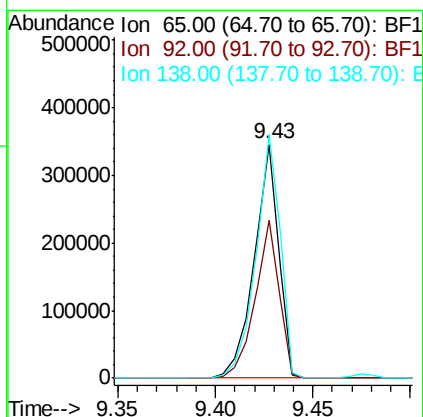
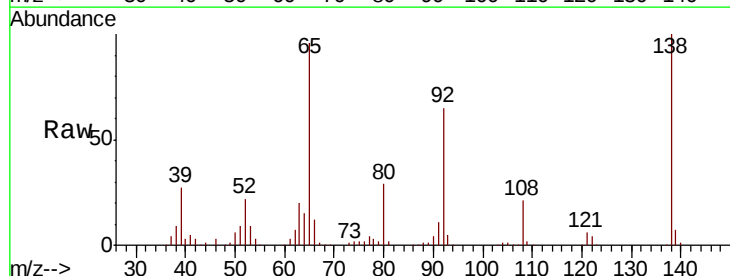
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

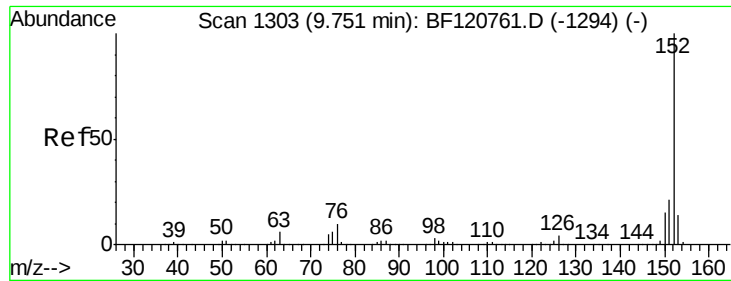
Tot Ion:162 Resp: 924326
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.7 50.5
 164 33.3 26.4 39.6



#48
 2-Nitroaniline
 Concen: 51.687 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Tgt Ion: 65 Resp: 299975
 Ion Ratio Lower Upper
 65 100
 92 67.5 54.4 81.6
 138 104.2 84.7 127.1





#49

Acenaphthylene

Concen: 47.242 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

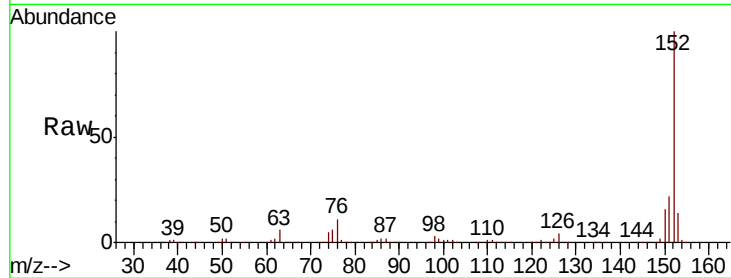
Tot Ion:152 Resp: 1429699

Ion Ratio Lower Upper

152 100

151 21.5 16.9 25.3

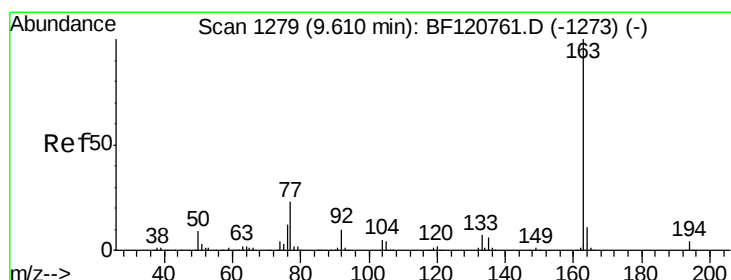
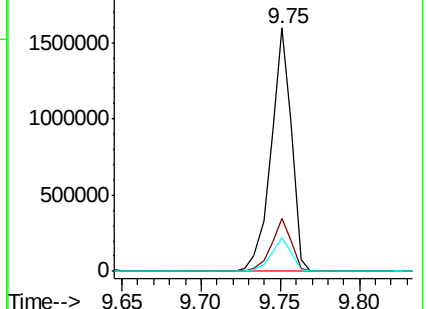
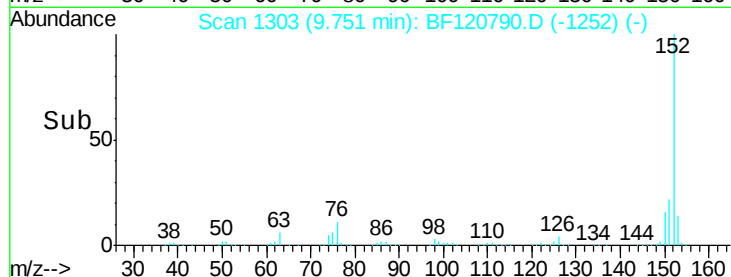
153 14.0 10.8 16.2



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: 57.409 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

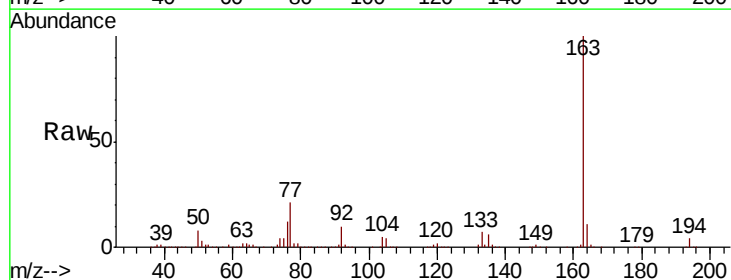
Tgt Ion:163 Resp: 1250959

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

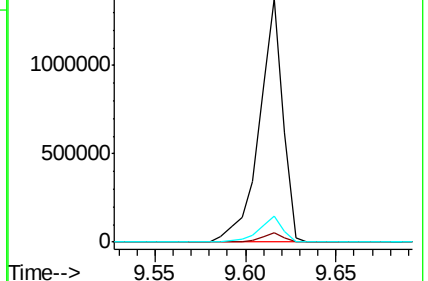
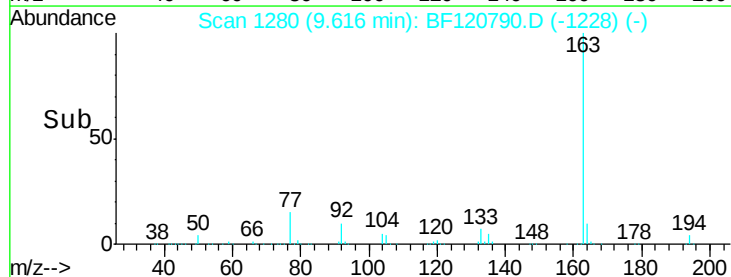
164 10.7 8.5 12.7

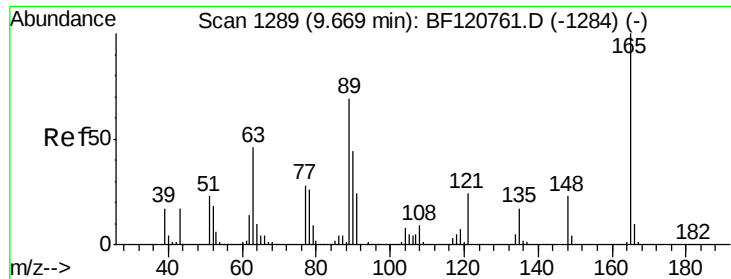


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

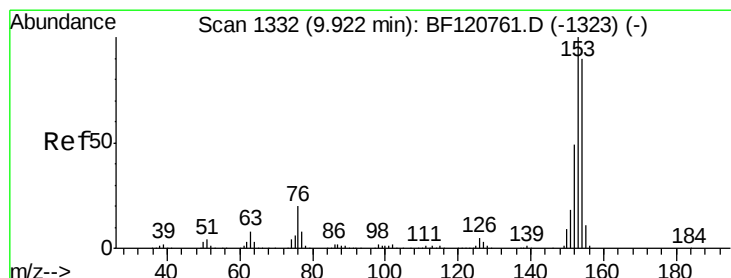
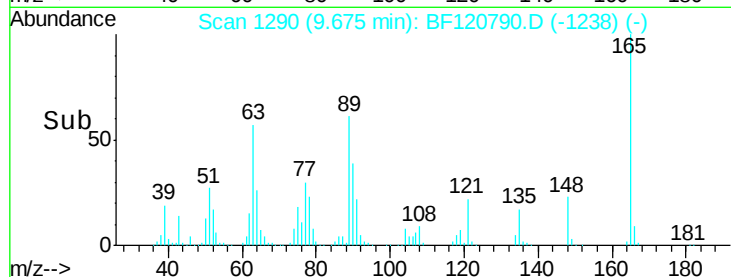
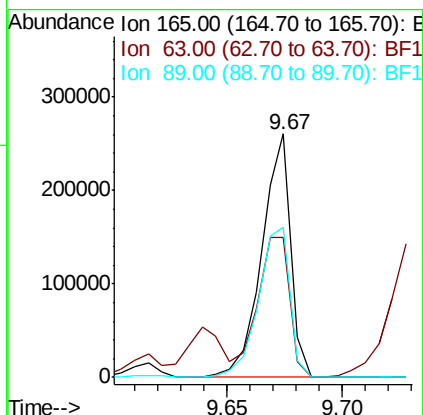
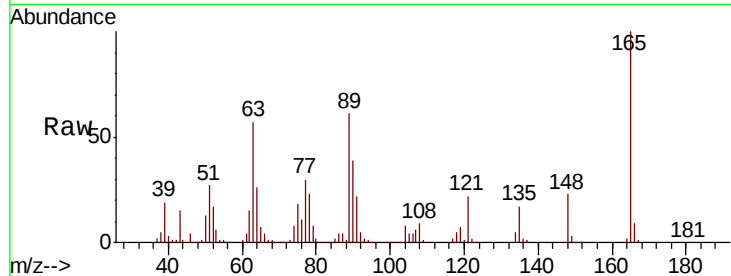




#51
 2,6-Dinitrotoluene
 Concen: 52.133 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

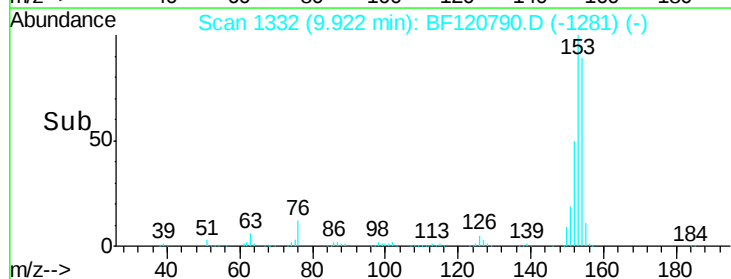
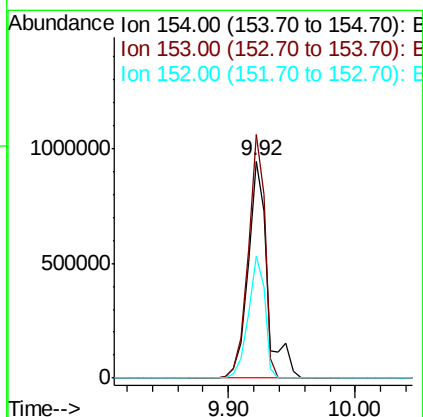
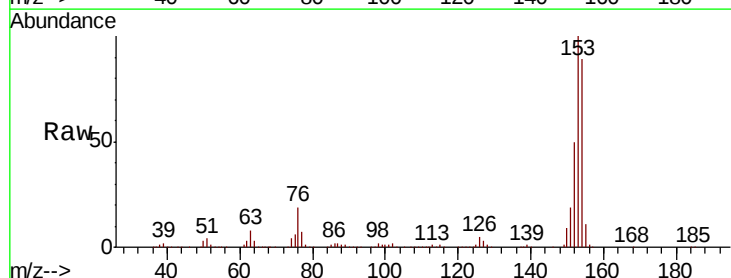
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

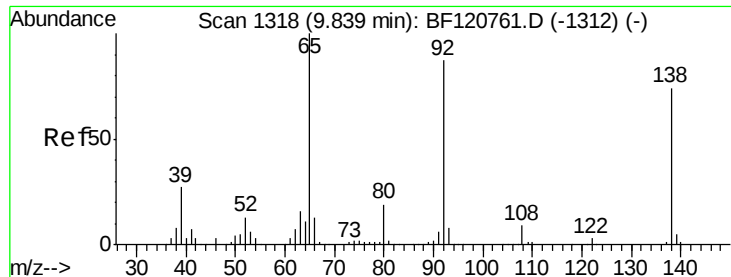
Tot Ion:165 Resp: 226660
 Ion Ratio Lower Upper
 165 100
 63 57.4 54.0 81.0
 89 61.5 55.4 83.2



#52
 Acenaphthene
 Concen: 52.625 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Tgt Ion:154 Resp: 988018
 Ion Ratio Lower Upper
 154 100
 153 112.1 88.6 132.8
 152 56.3 43.6 65.4

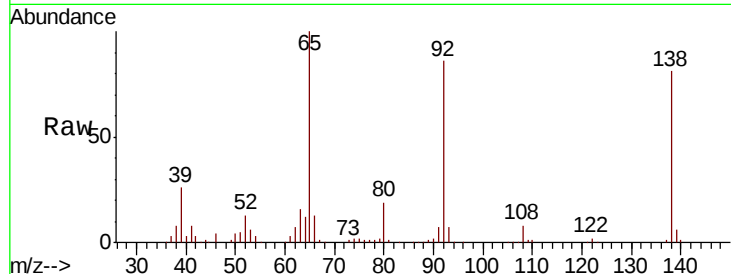




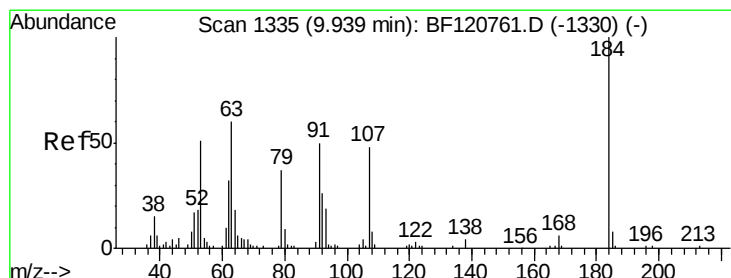
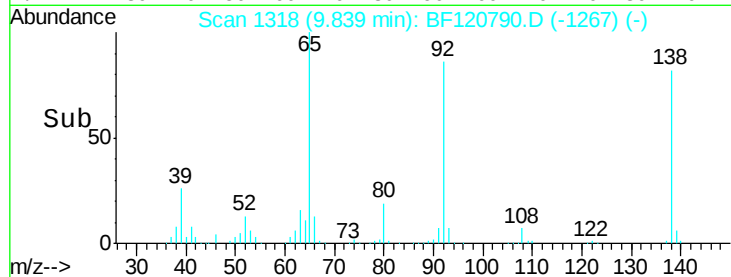
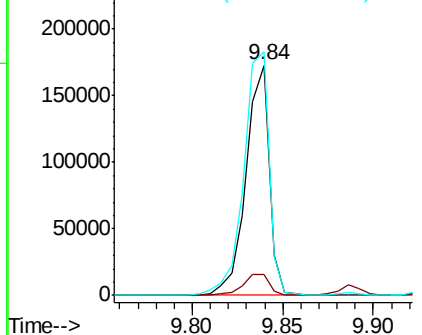
#53
3-Nitroaniline
Concen: 29.967 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:138 Resp: 154648
Ion Ratio Lower Upper
138 100
108 9.4 9.8 14.6#
92 106.0 93.4 140.2

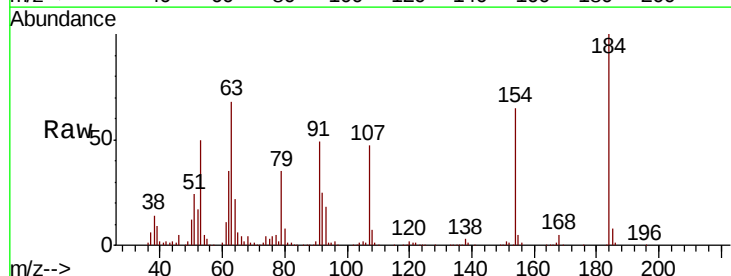


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

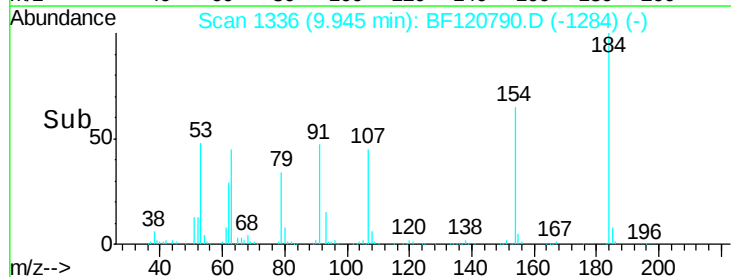
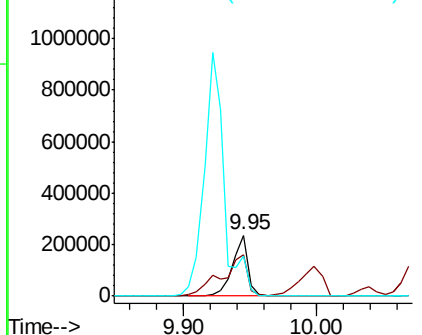


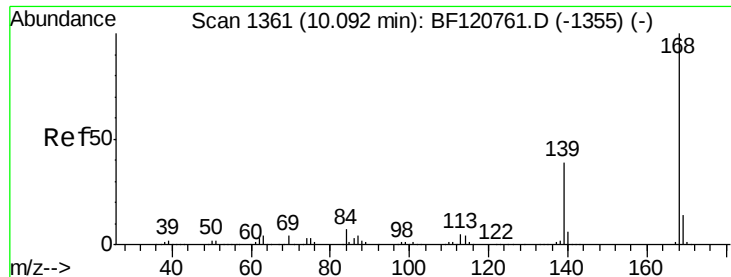
#54
2,4-Dinitrophenol
Concen: 107.973 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:184 Resp: 190403
Ion Ratio Lower Upper
184 100
63 68.0 57.3 85.9
154 65.3 55.8 83.6



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

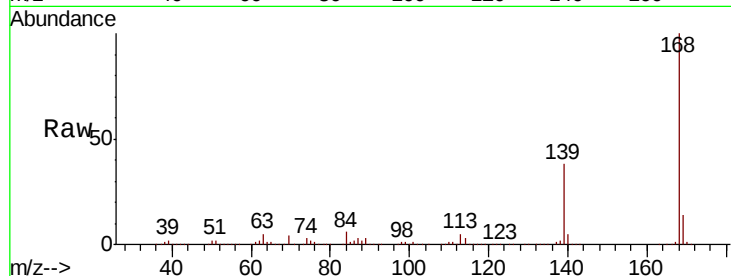




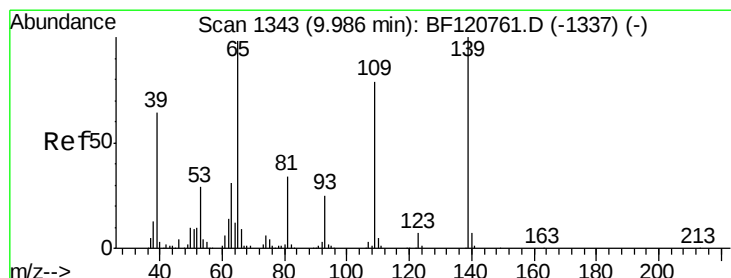
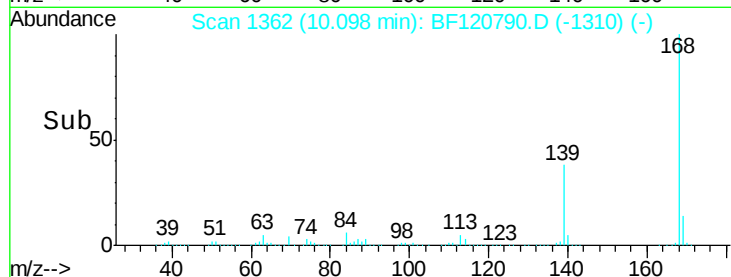
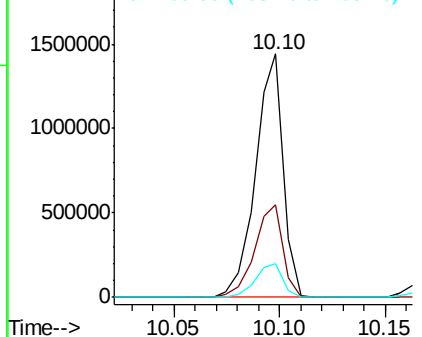
#55
Dibenzenofuran
Concen: 48.312 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:168 Resp: 1307464
Ion Ratio Lower Upper
168 100
139 38.0 31.3 46.9
169 13.8 11.2 16.8

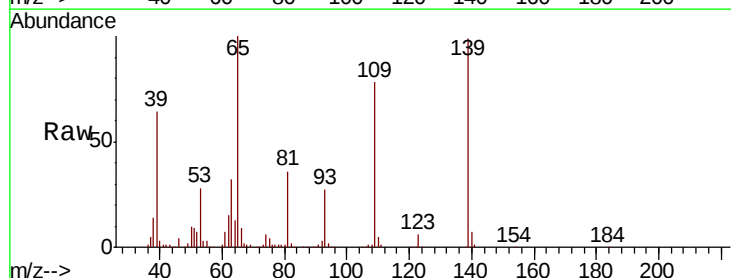


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

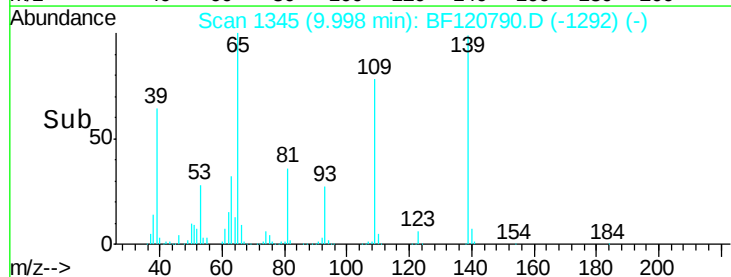
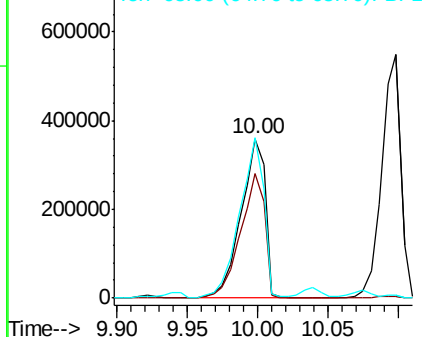


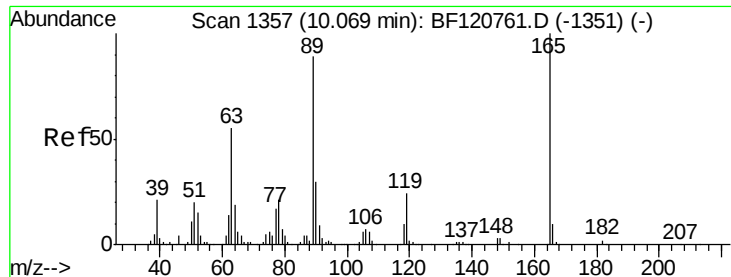
#56
4-Nitrophenol
Concen: 106.458 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:139 Resp: 428261
Ion Ratio Lower Upper
139 100
109 78.5 58.6 98.6
65 100.7 78.7 118.7



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

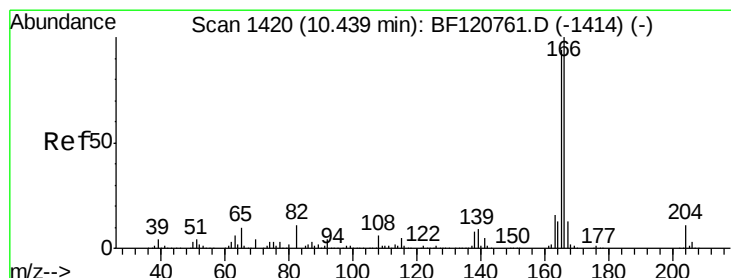
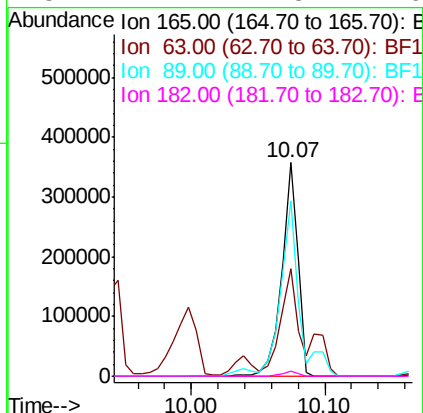
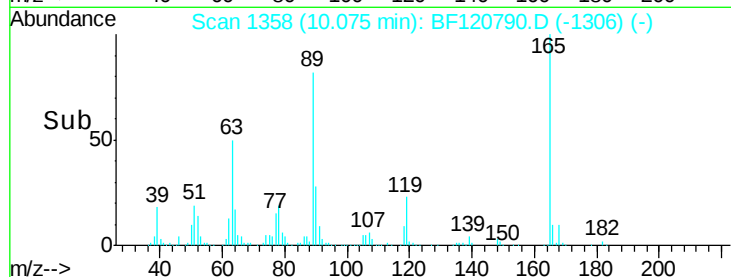
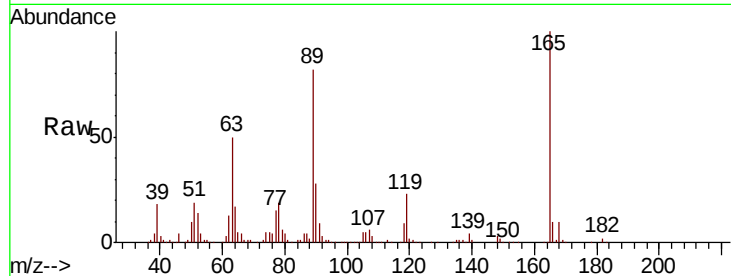




#57
 2,4-Dinitrotoluene
 Concen: 56.136 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

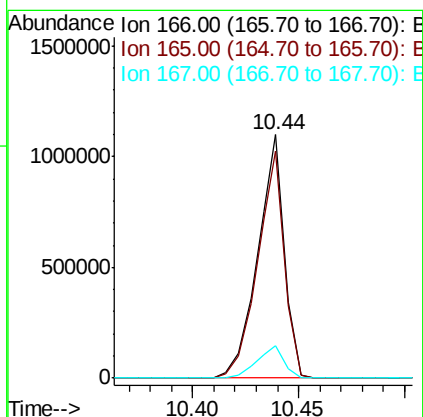
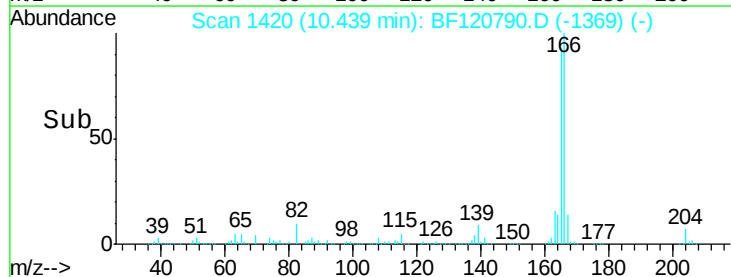
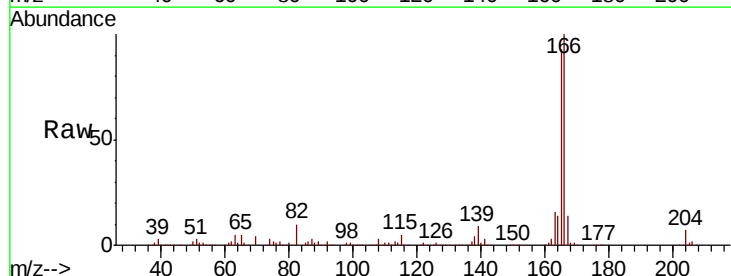
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	50.4	43.8	65.8	
89	82.4	71.4	107.2	
182	2.4	1.8	2.6	



#58
 Fluorene
 Concen: 47.448 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	93.2	75.5	113.3	
167	13.6	10.6	16.0	

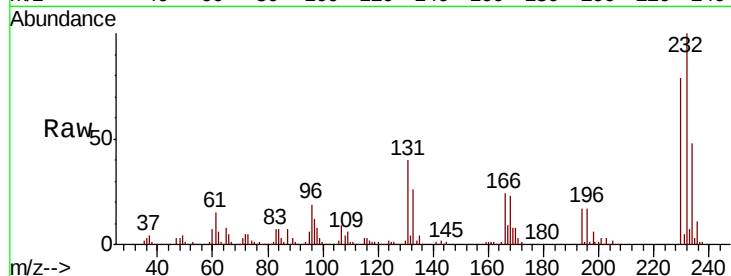




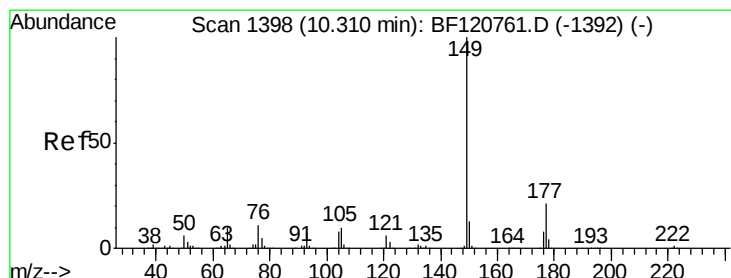
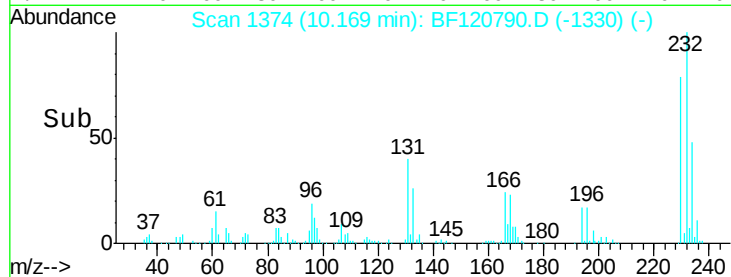
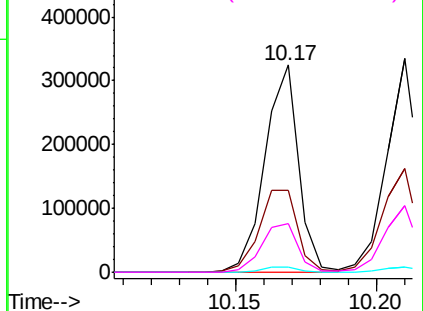
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.723 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.04 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:232 Resp: 267845
 Ion Ratio Lower Upper
 232 100
 131 46.0 36.3 54.5
 130 2.7 2.0 3.0
 166 25.6 20.9 31.3

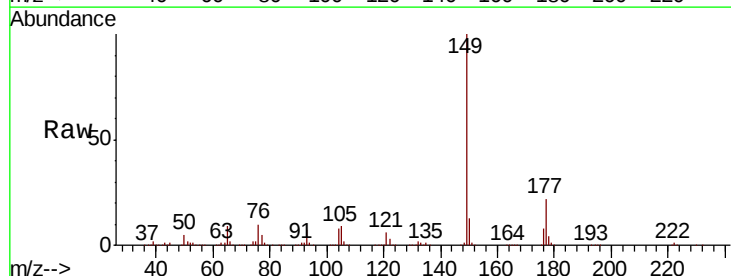


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

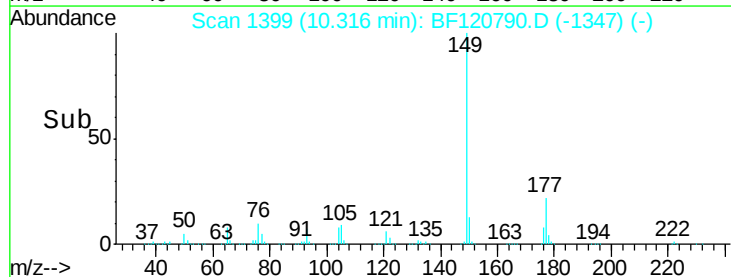
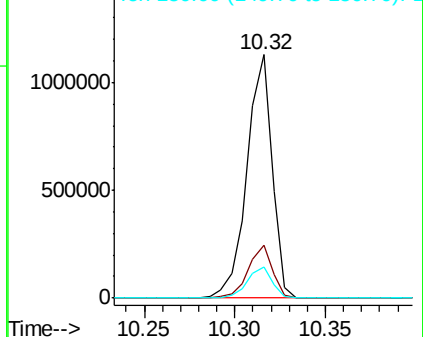


#60
 Diethylphthalate
 Concen: 48.029 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Tgt Ion:149 Resp: 1090223
 Ion Ratio Lower Upper
 149 100
 177 21.5 16.4 24.6
 150 12.7 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

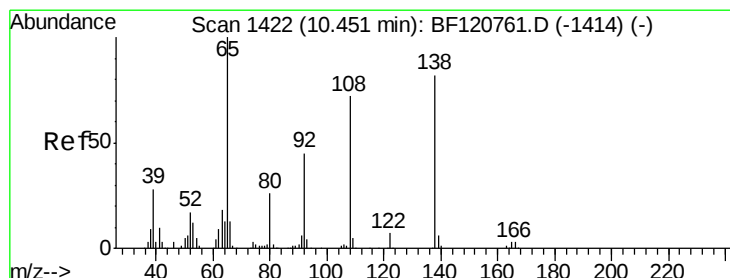
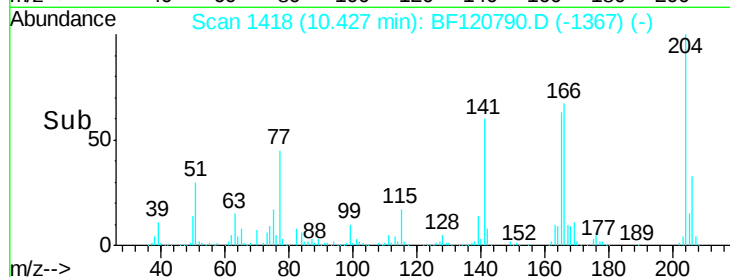
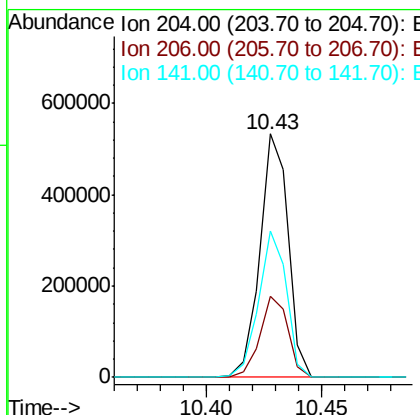
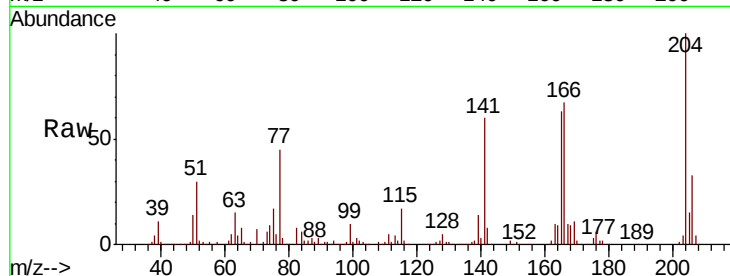




#61
4-Chlorophenyl-phenylether
Concen: 45.046 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

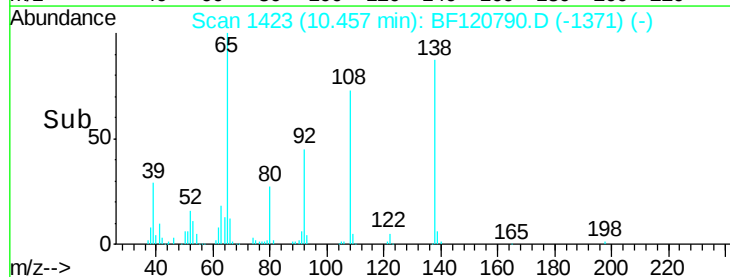
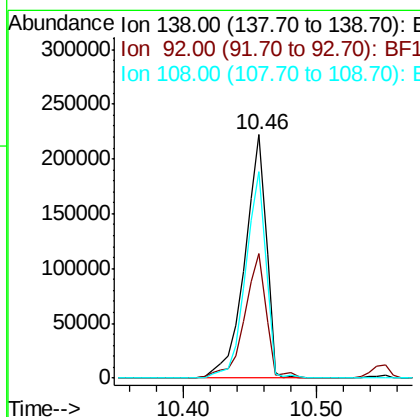
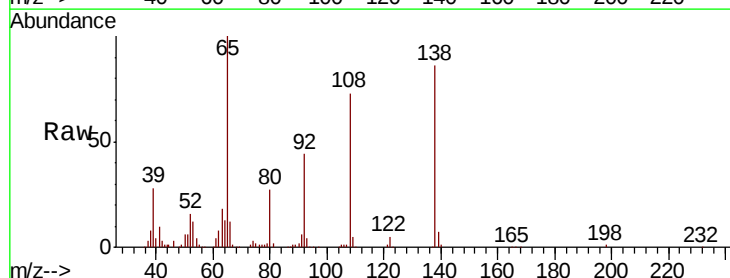
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

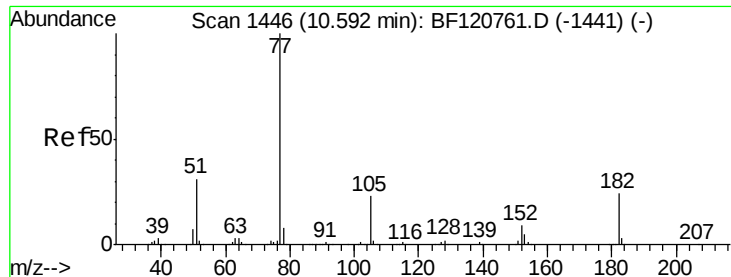
Tot Ion:204 Resp: 456147
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 60.3 48.5 72.7



#62
4-Nitroaniline
Concen: 52.994 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:138 Resp: 245350
Ion Ratio Lower Upper
138 100
92 51.3 34.3 74.3
108 84.6 68.3 108.3

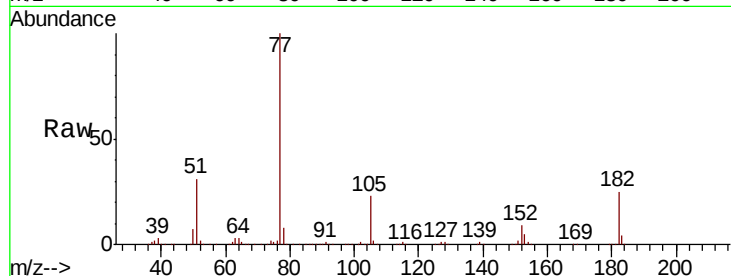




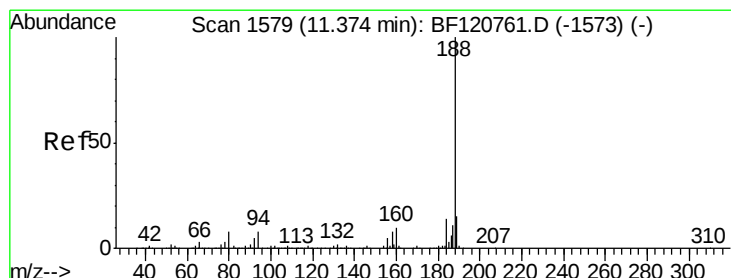
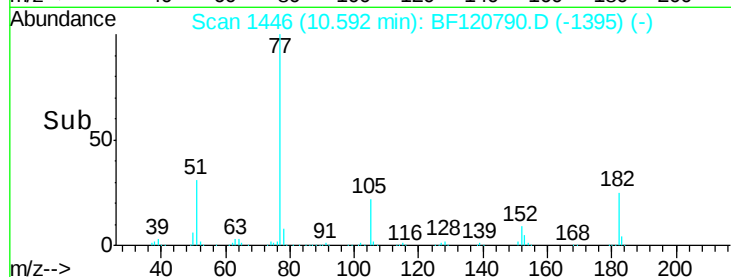
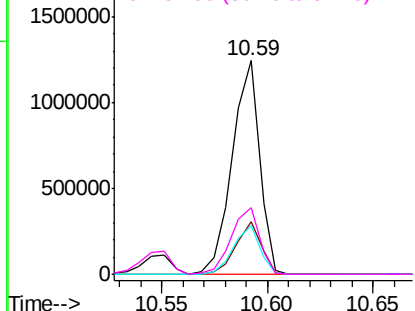
#63
Azobenzene
Concen: 47.857 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion: 77 Resp: 1111235
Ion Ratio Lower Upper
77 100
182 24.8 4.0 44.0
105 22.8 2.6 42.6
51 31.1 11.5 51.5

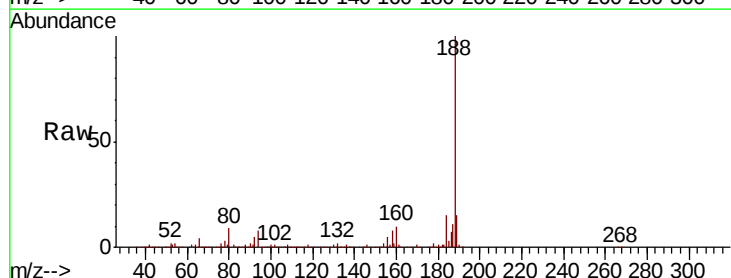


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

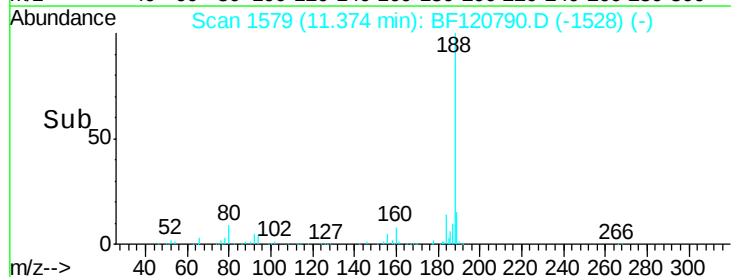
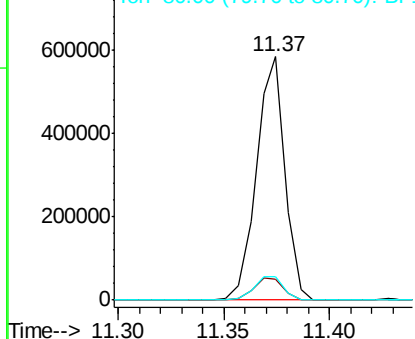


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion: 188 Resp: 546542
Ion Ratio Lower Upper
188 100
94 8.4 6.6 9.8
80 9.5 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

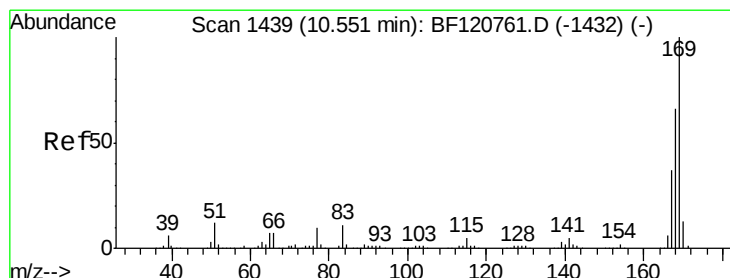
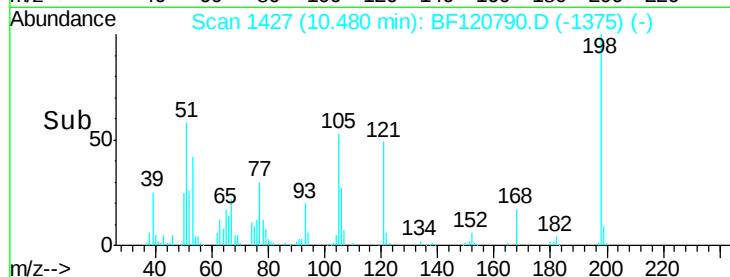
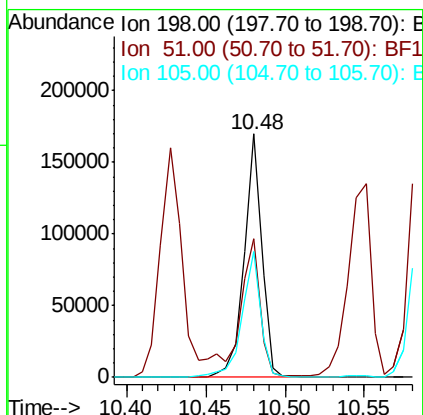
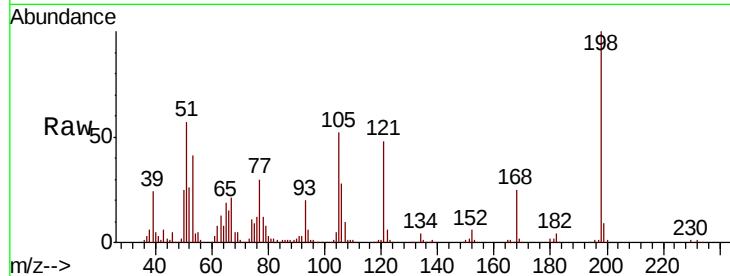




#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.608 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

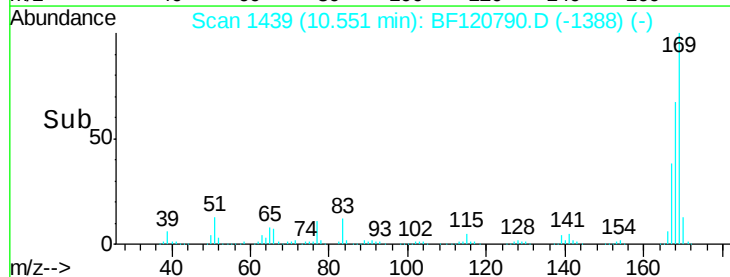
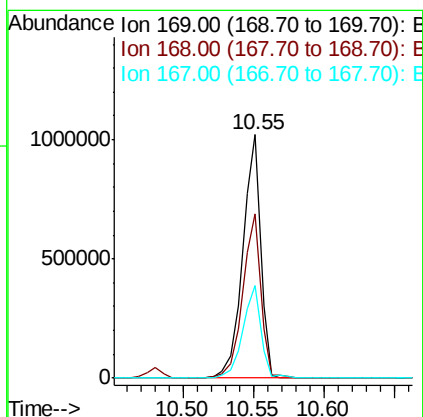
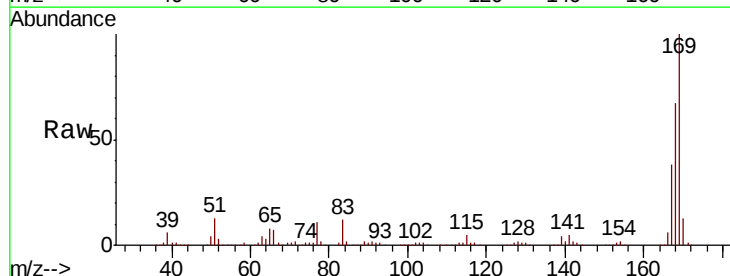
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

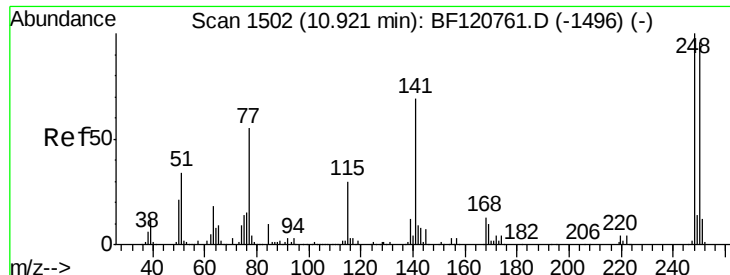
Tot Ion:198 Resp: 130794
 Ion Ratio Lower Upper
 198 100
 51 56.9 50.0 90.0
 105 51.9 38.3 78.3



#66
 n-Nitrosodiphenylamine
 Concen: 49.075 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Tgt Ion:169 Resp: 898993
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.1 79.7
 167 37.8 29.6 44.4

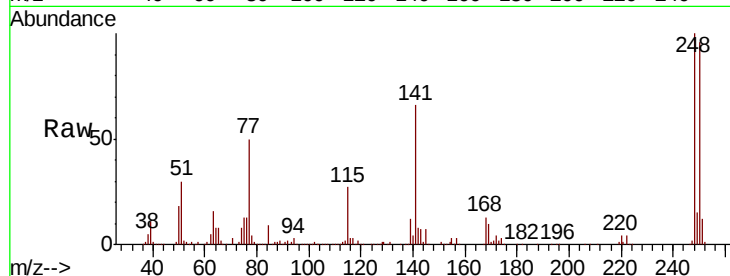




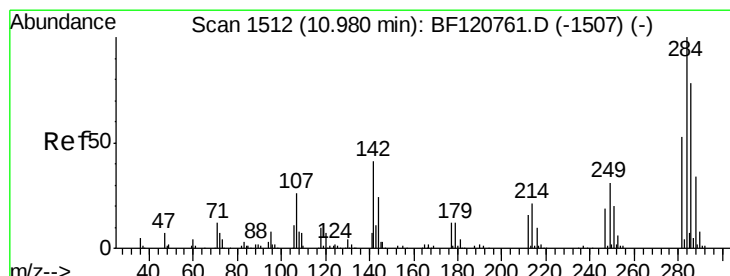
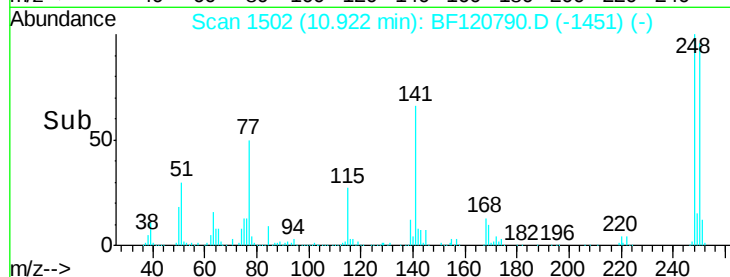
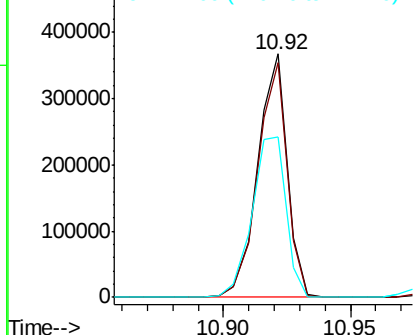
#67
 4-Bromophenyl-phenylether
 Concen: 47.129 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:248 Resp: 298791
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.5 114.7
 141 65.8 54.9 82.3

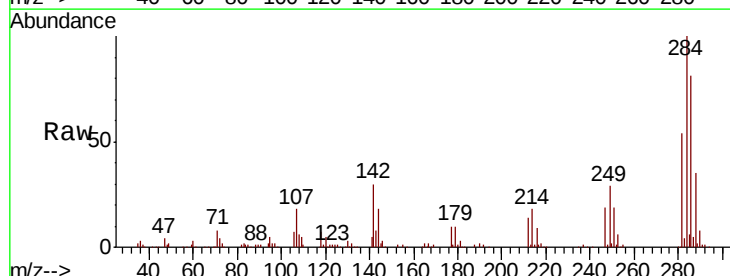


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

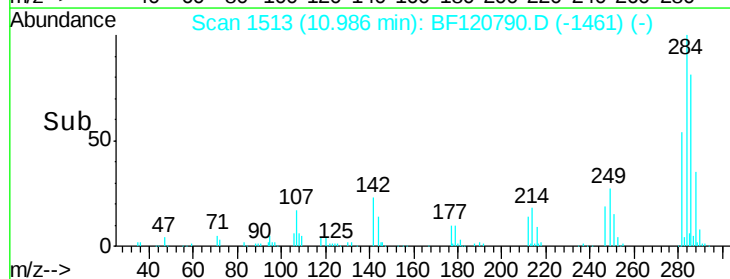
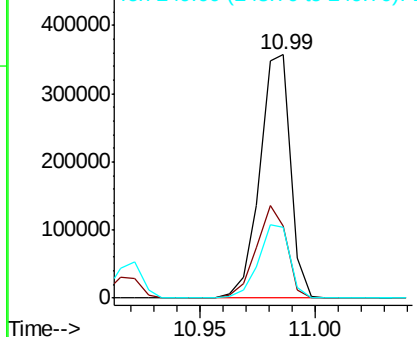


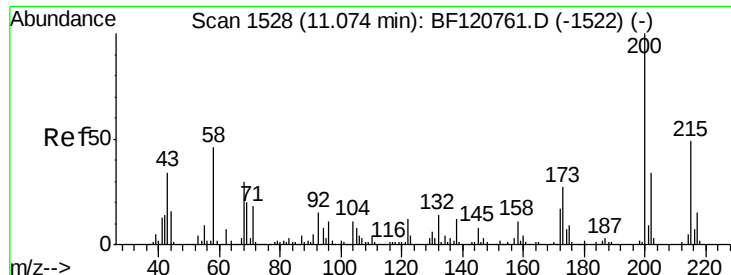
#68
 Hexachlorobenzene
 Concen: 49.842 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Tgt Ion:284 Resp: 331589
 Ion Ratio Lower Upper
 284 100
 142 29.8 32.5 48.7#
 249 29.3 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

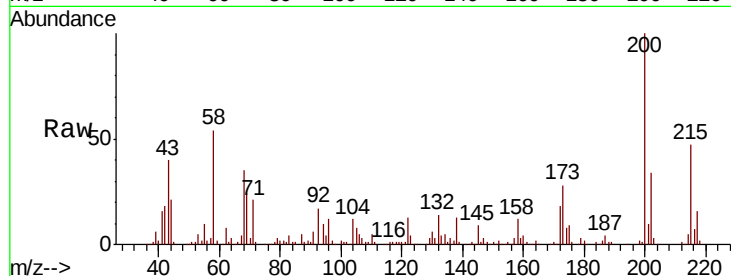




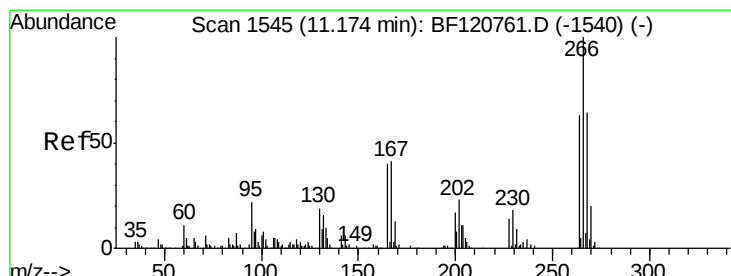
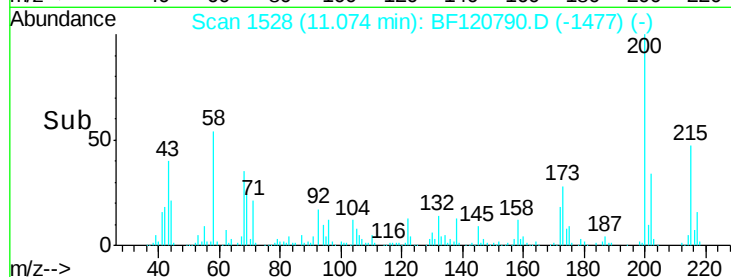
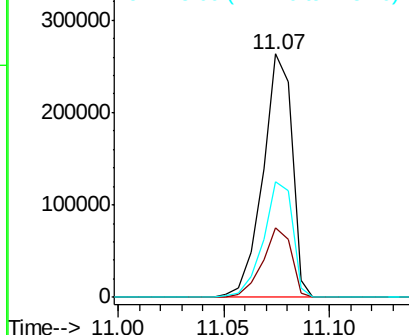
#69
Atrazine
Concen: 53.544 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:200 Resp: 252694
Ion Ratio Lower Upper
200 100
173 28.4 7.4 47.4
215 47.4 28.8 68.8

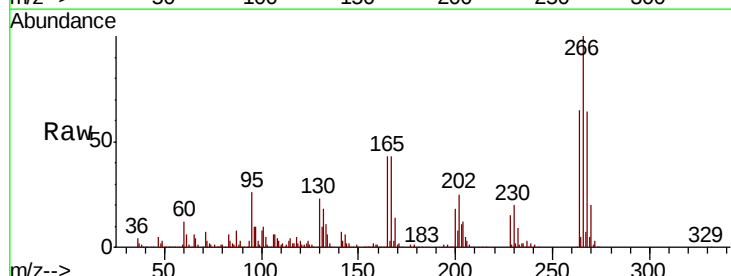


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

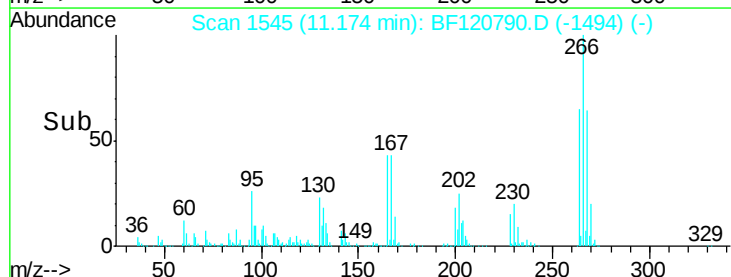
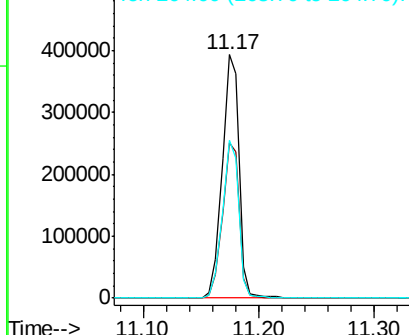


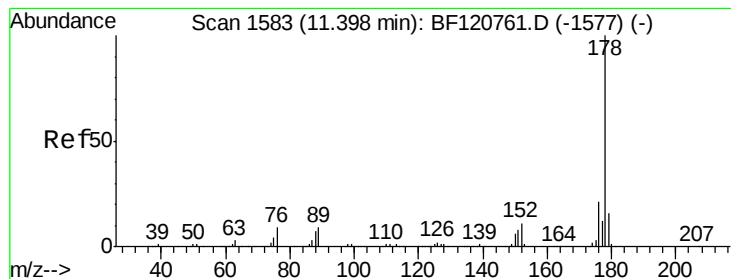
#70
Pentachlorophenol
Concen: 106.048 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:266 Resp: 399165
Ion Ratio Lower Upper
266 100
268 63.7 51.4 77.2
264 64.7 50.6 75.8



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: 48.618 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

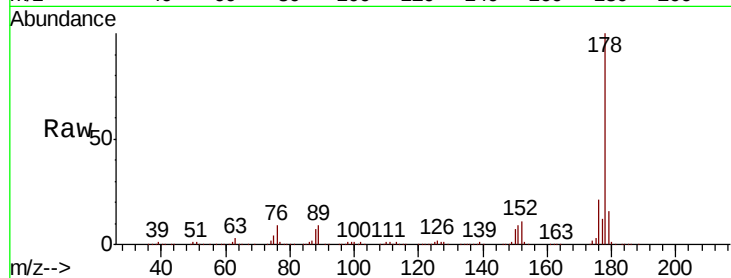
Tot Ion:178 Resp: 1441751

Ion Ratio Lower Upper

178 100

176 20.9 16.4 24.6

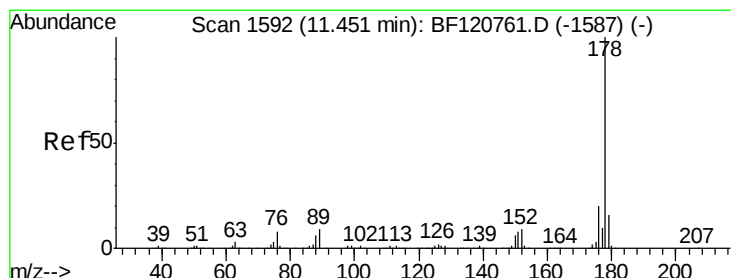
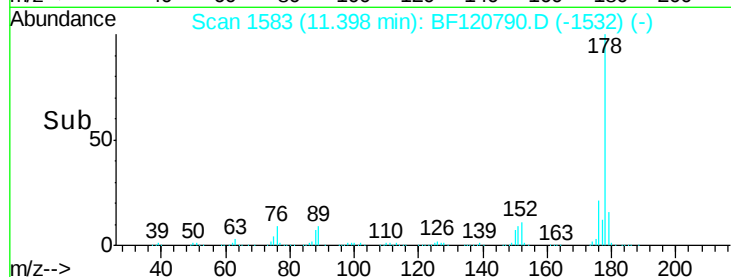
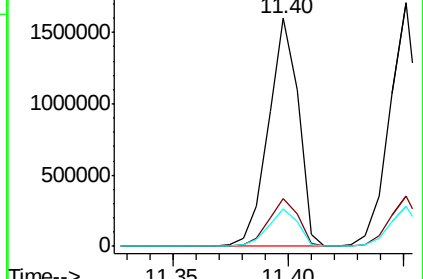
179 16.4 12.9 19.3



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: 48.933 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

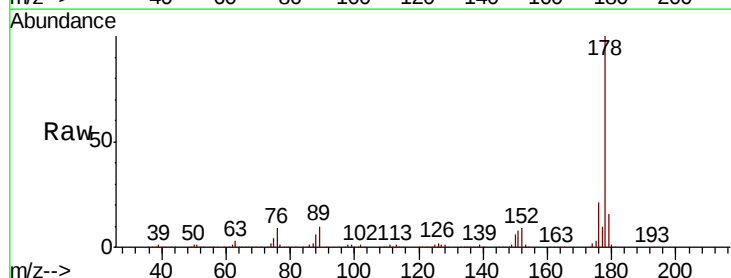
Tgt Ion:178 Resp: 1466343

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.2

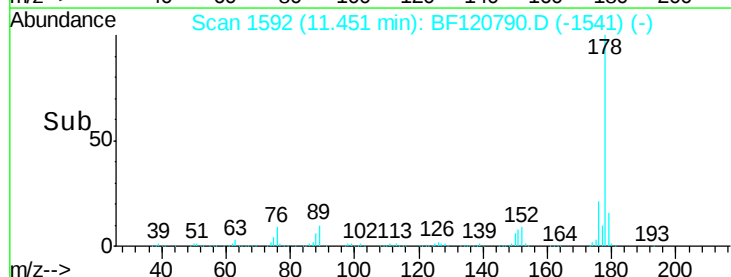
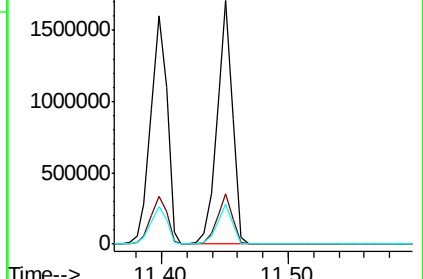
179 16.4 12.7 19.1



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



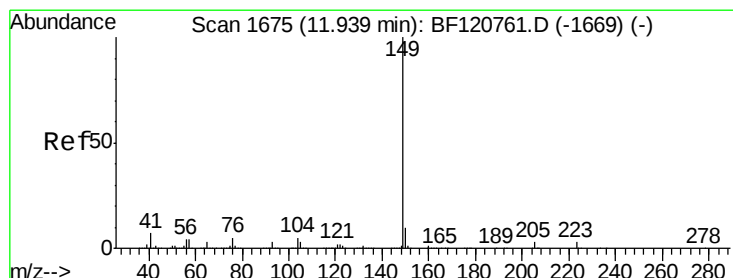
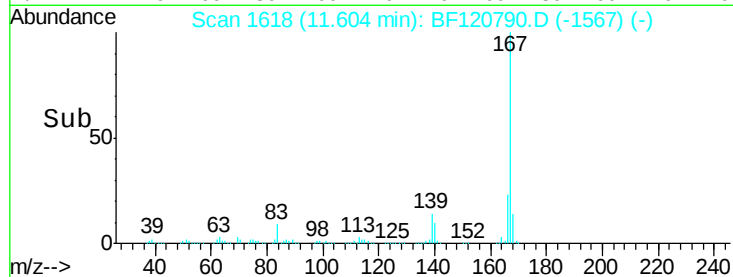
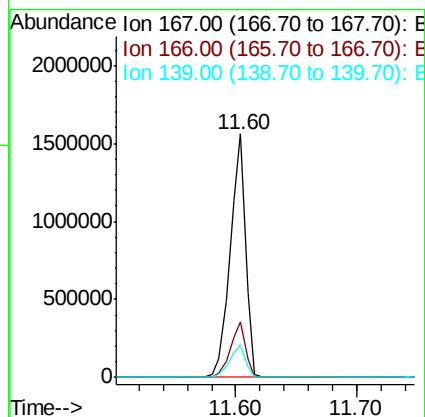
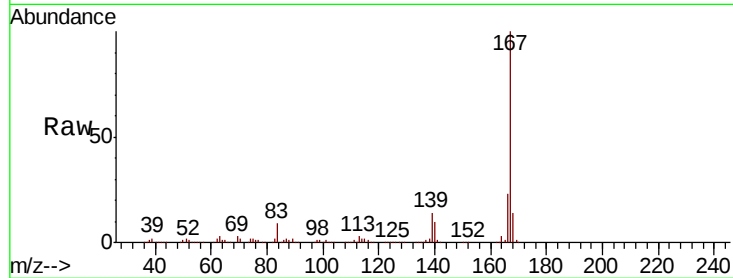


#73
 Carbazole
 Concen: 47.878 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:167 Resp: 1378727

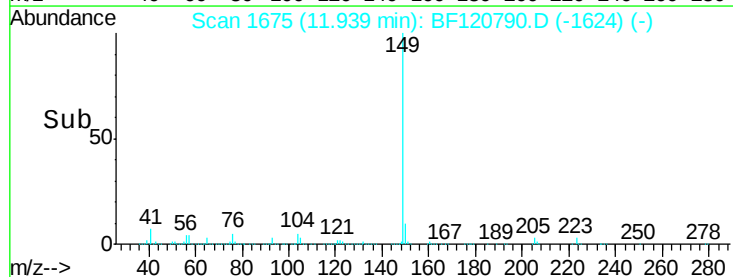
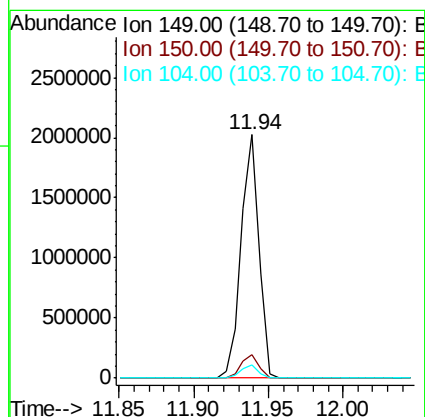
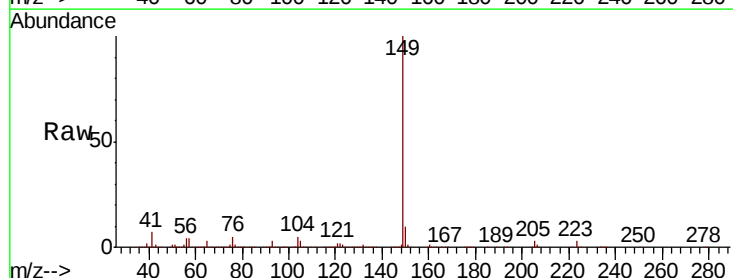
Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.8
139	13.5	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 47.740 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Tgt Ion:149 Resp: 1702053

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.2	4.0	6.0

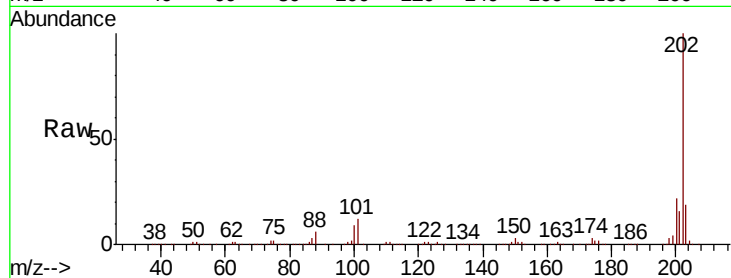




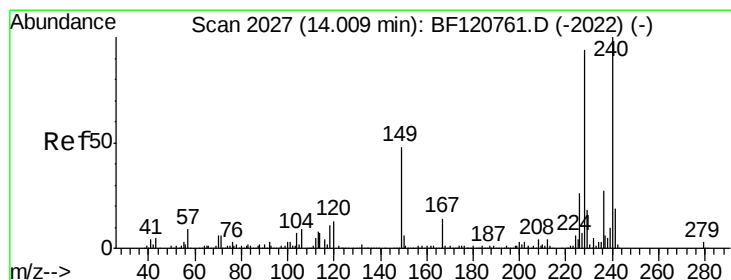
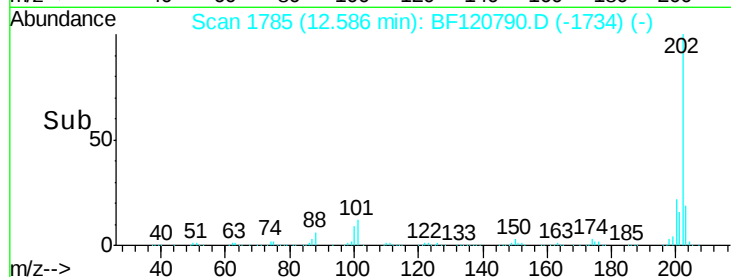
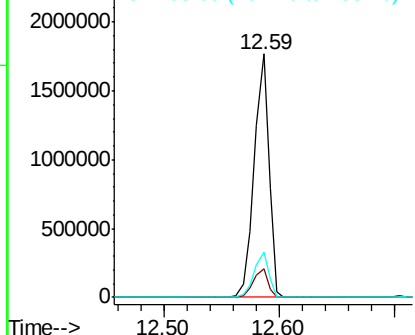
#75
 Fluoranthene
 Concen: 49.711 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:202 Resp: 1570383
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 31.6
 203 18.6 0.0 38.2

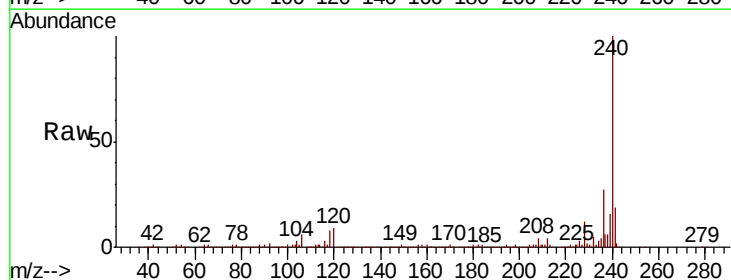


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

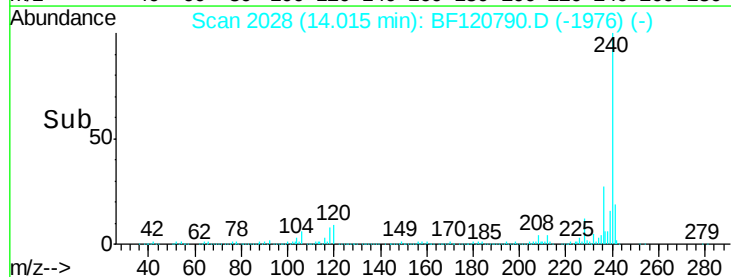
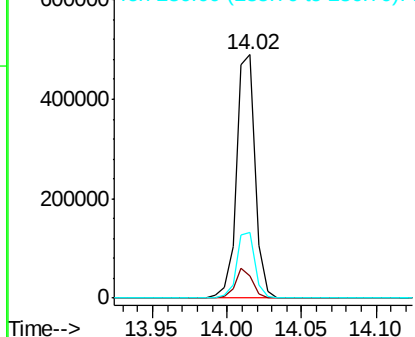


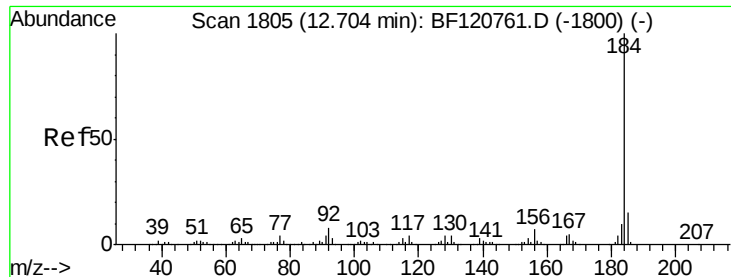
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Tgt Ion:240 Resp: 429242
 Ion Ratio Lower Upper
 240 100
 120 8.9 10.3 15.5#
 236 27.2 21.4 32.2



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: 76.599 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

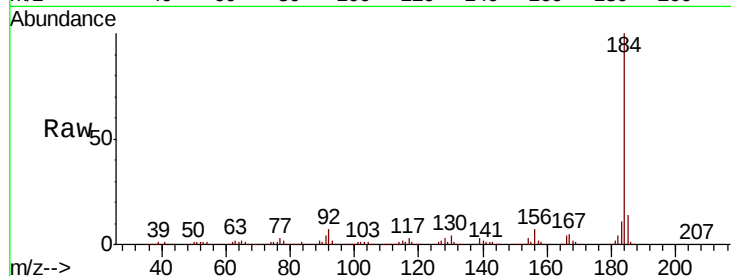
Tot Ion:184 Resp: 928054

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.8

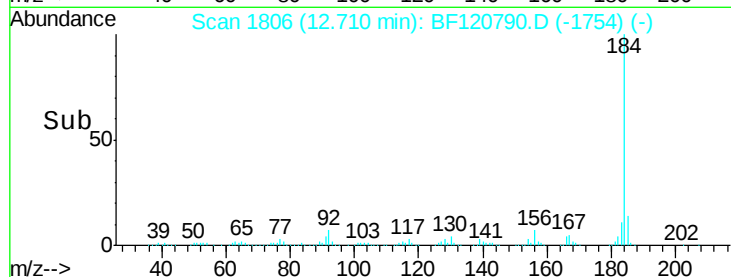
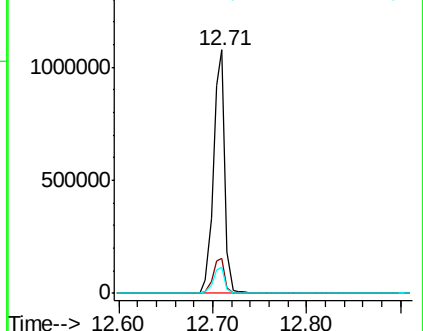
183 10.9 8.3 12.5



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: 46.859 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

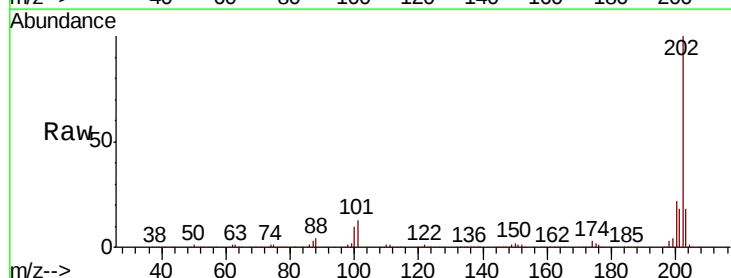
Tgt Ion:202 Resp: 1606400

Ion Ratio Lower Upper

202 100

200 22.2 17.3 25.9

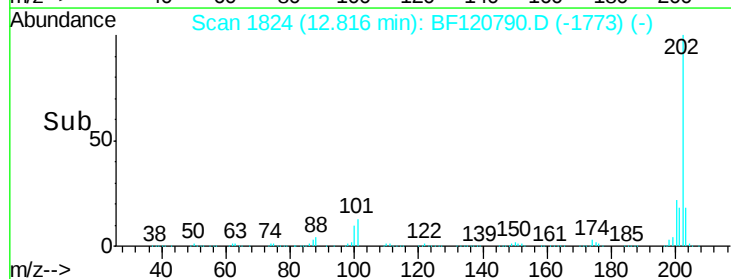
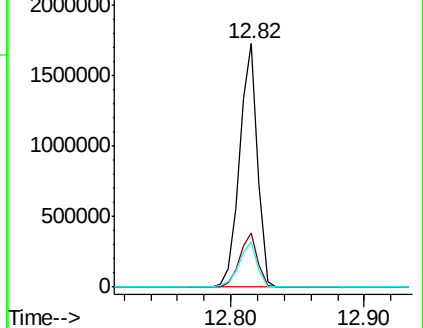
203 18.5 14.6 22.0



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: 79.453 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

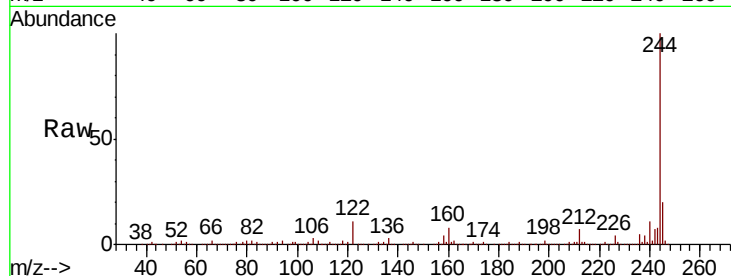
Tot Ion:244 Resp: 1741902

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

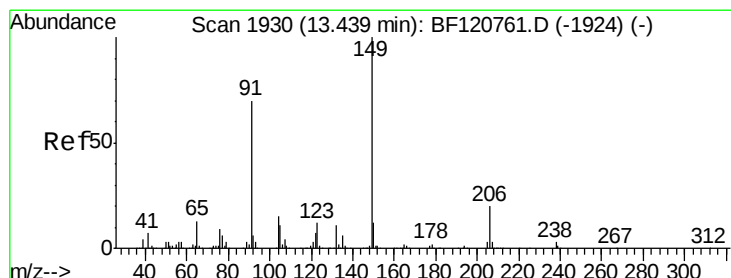
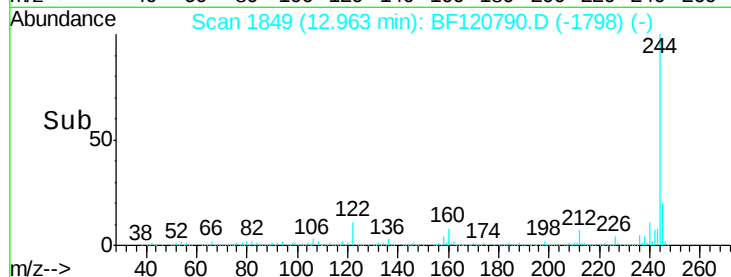
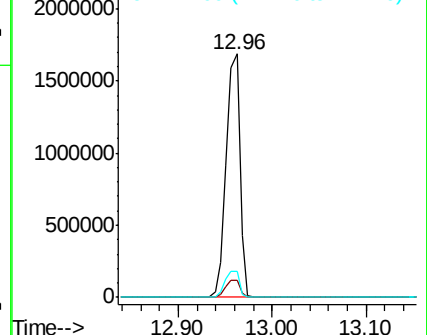
122 10.9 9.0 13.4



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: 49.442 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

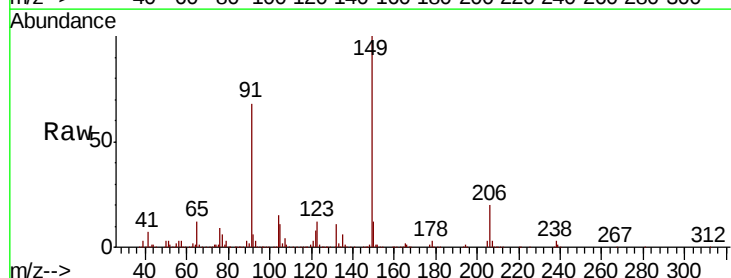
Tgt Ion:149 Resp: 731767

Ion Ratio Lower Upper

149 100

91 68.0 55.8 83.8

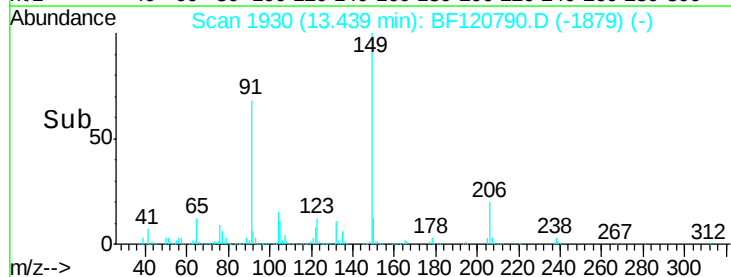
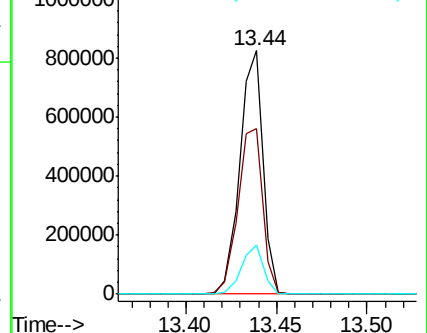
206 20.3 15.7 23.5

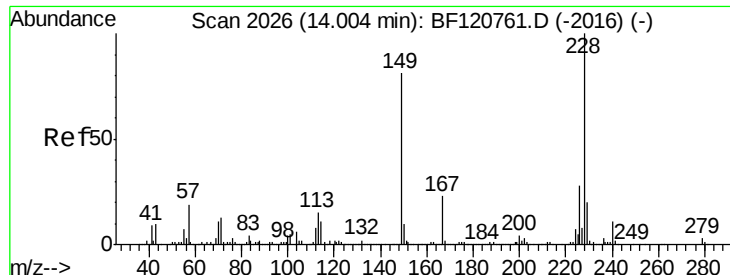


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

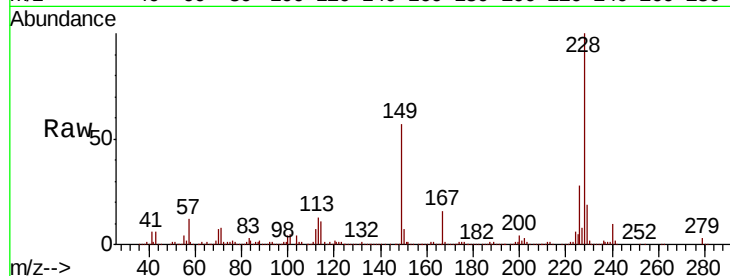




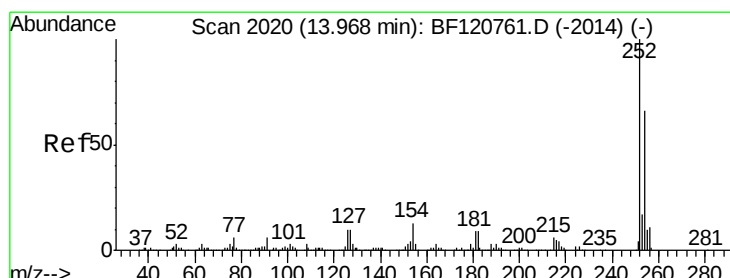
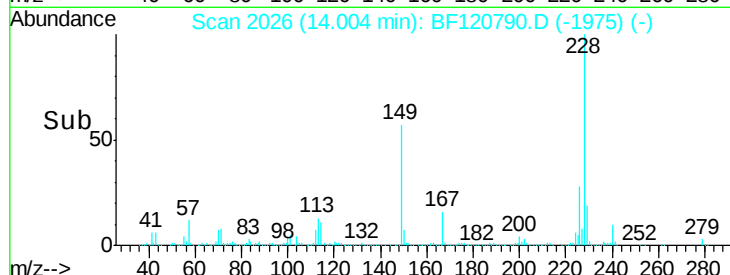
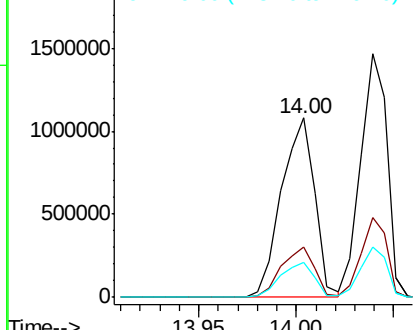
#81
Benzo(a)anthracene
Concen: 46.094 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:228 Resp: 1268285
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.5 15.8 23.6

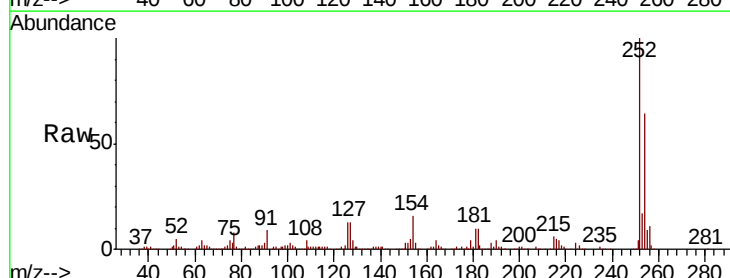


Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

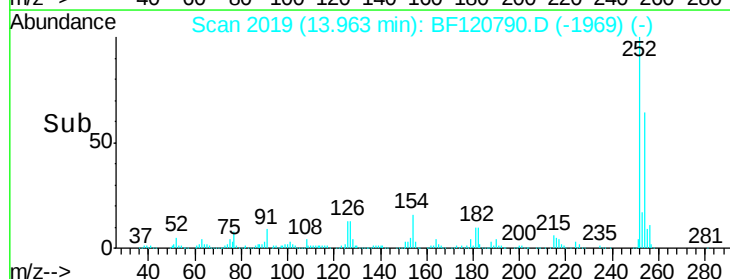
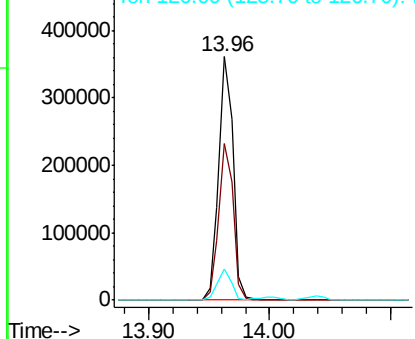


#82
3,3'-Dichlorobenzidine
Concen: 31.567 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:252 Resp: 293113
Ion Ratio Lower Upper
252 100
254 64.5 52.6 78.8
126 12.6 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E
500000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

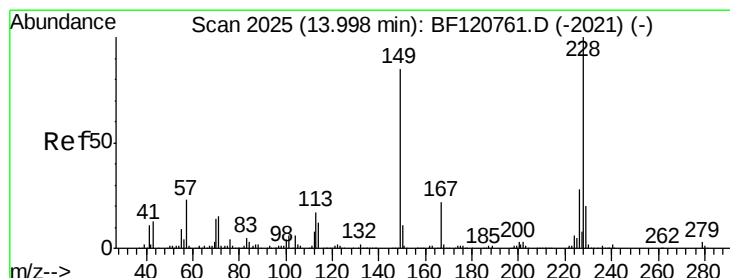
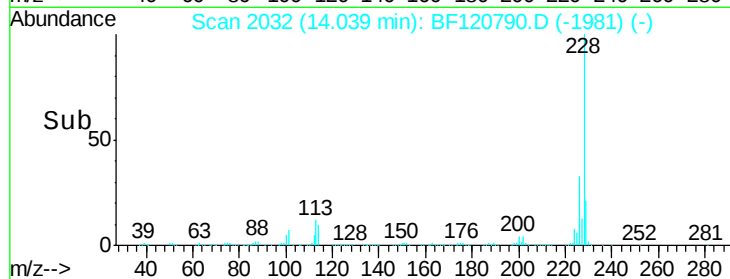
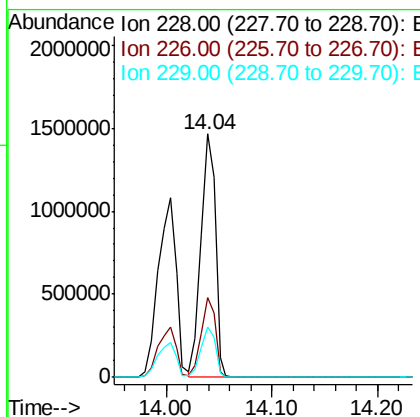
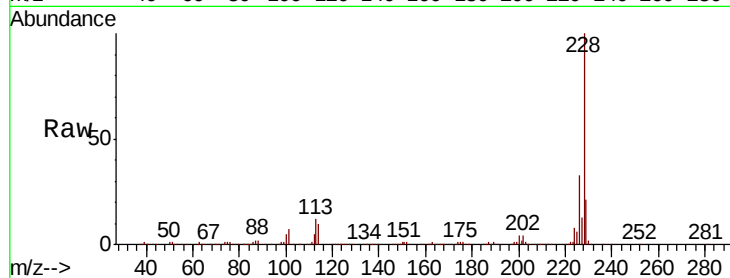




#83
Chrysene
Concen: 49.038 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

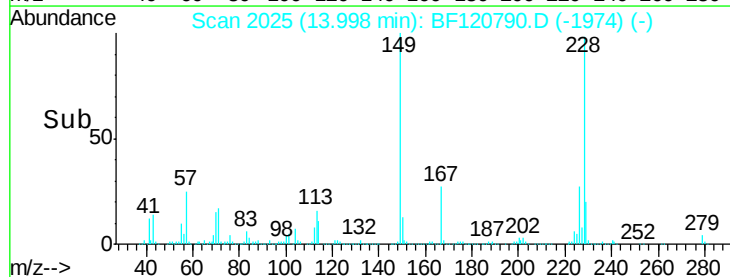
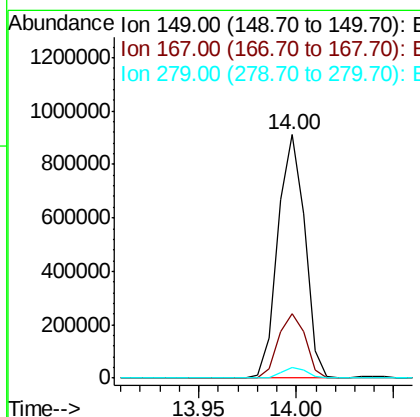
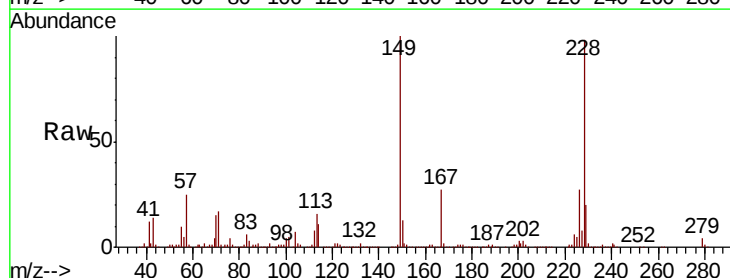
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:228 Resp: 1376295
Ion Ratio Lower Upper
228 100
226 32.8 25.7 38.5
229 20.5 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.034 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:149 Resp: 874059
Ion Ratio Lower Upper
149 100
167 26.6 20.9 31.3
279 4.2 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 50.608 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

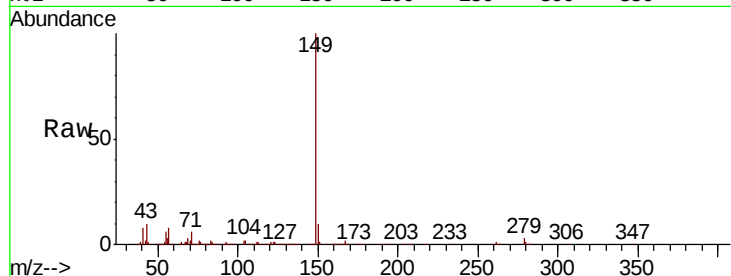
Tot Ion:149 Resp: 1737679

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

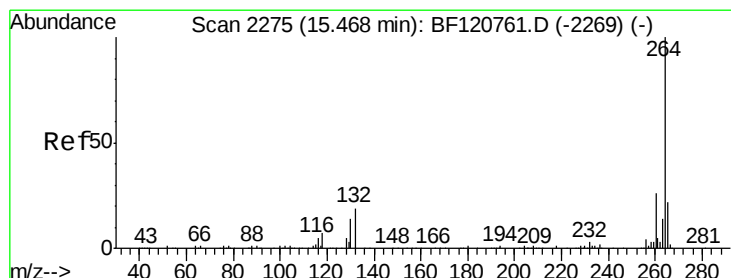
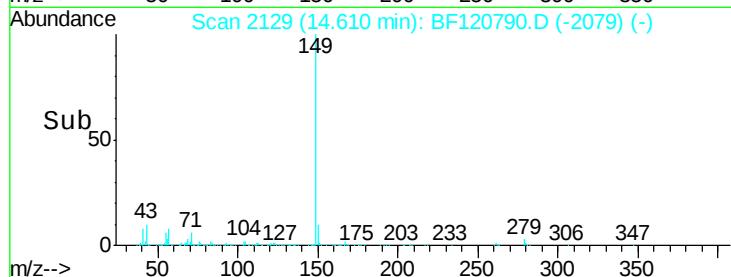
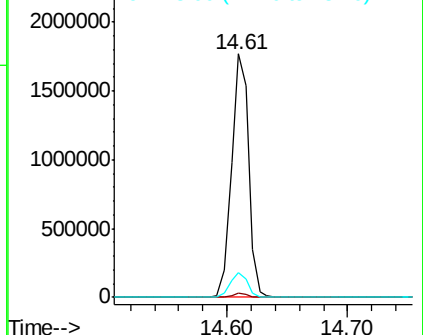
43 10.3 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF120790.D

Acq: 7 Jul 2020 16:33

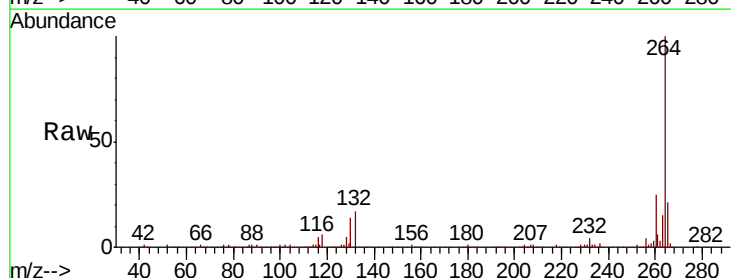
Tgt Ion:264 Resp: 373528

Ion Ratio Lower Upper

264 100

260 25.1 20.6 30.8

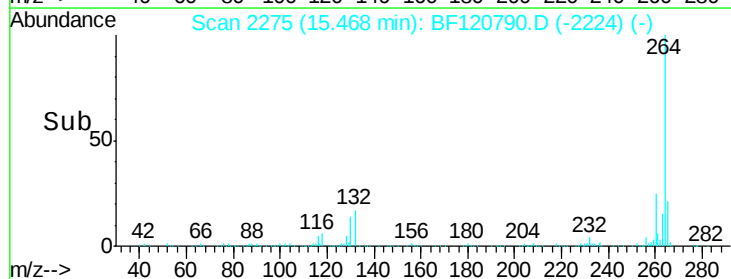
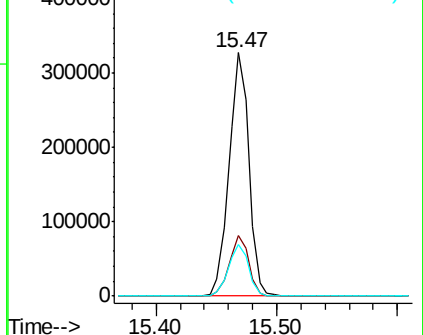
265 21.2 17.6 26.4



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



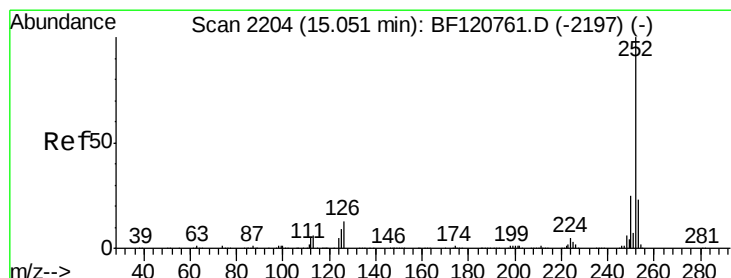
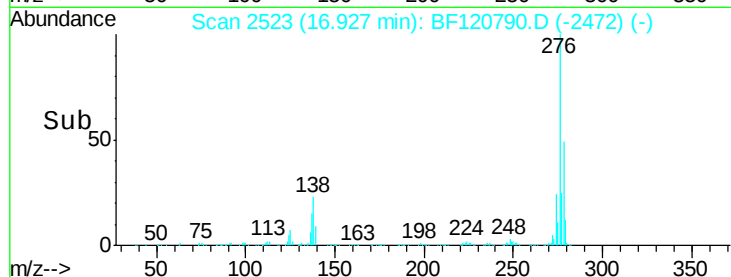
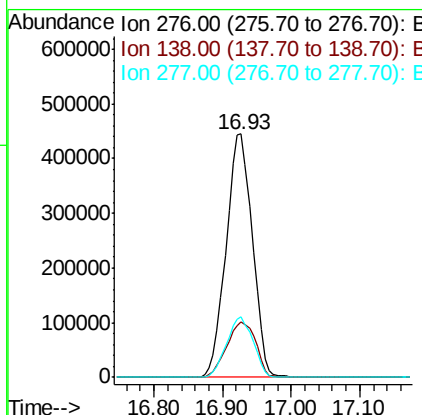
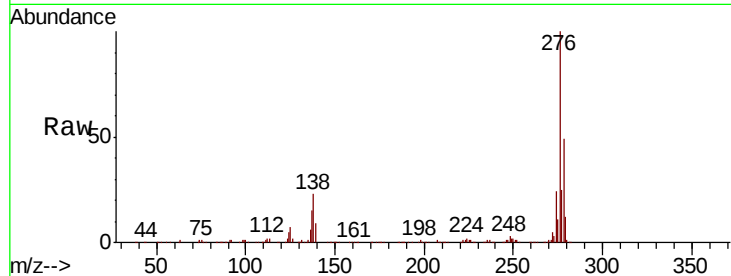


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.457 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:276 Resp: 1184911

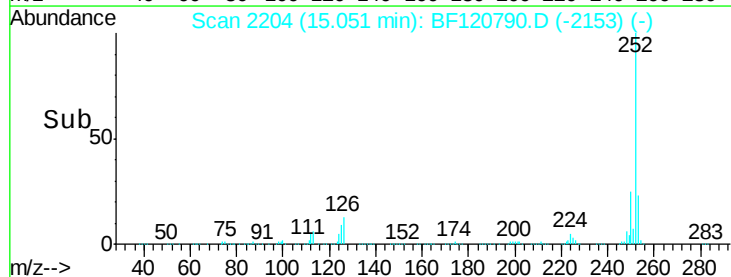
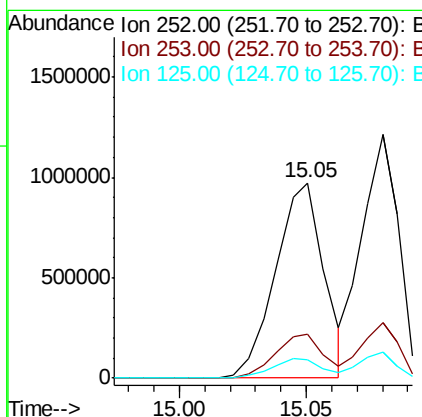
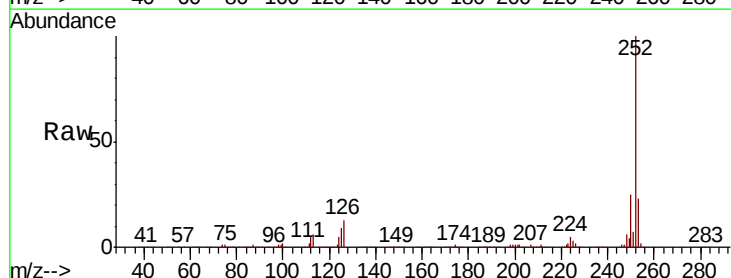
Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.8	29.8
277	25.1	19.9	29.9

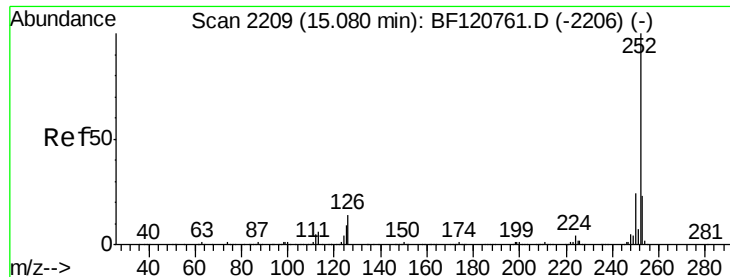


#88
 Benzo(b)fluoranthene
 Concen: 52.753 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120790.D
 Acq: 7 Jul 2020 16:33

Tgt Ion:252 Resp: 1295434

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	9.5	7.5	11.3

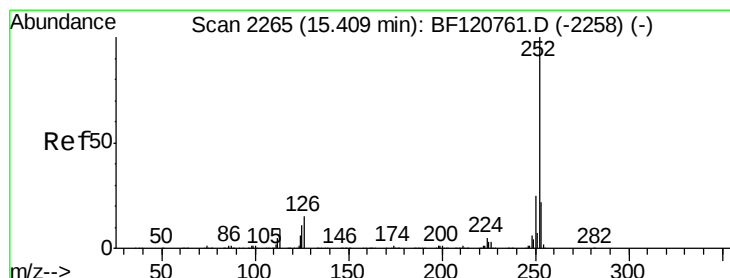
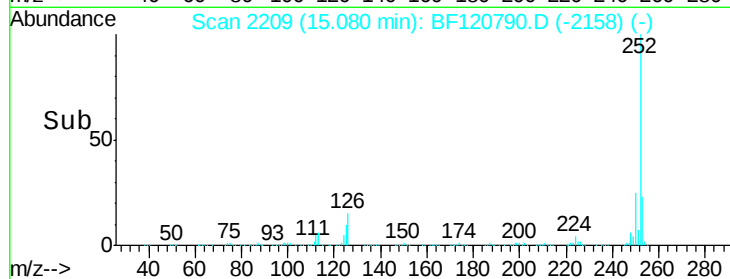
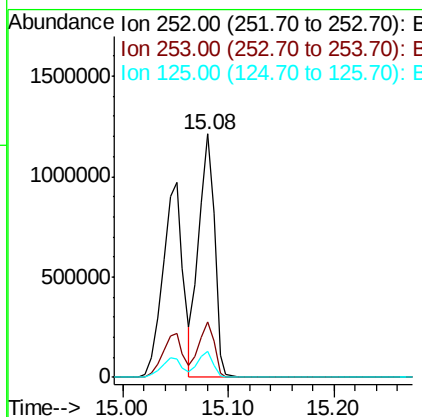
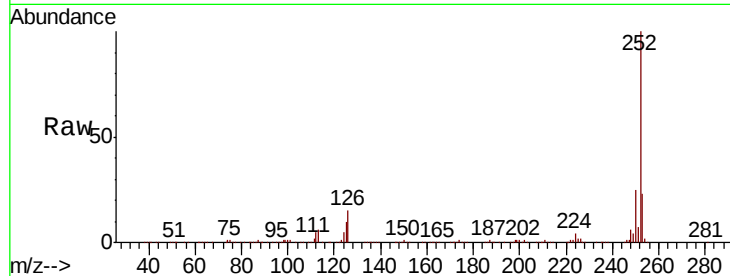




#89
Benzo(k)fluoranthene
Concen: 51.873 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

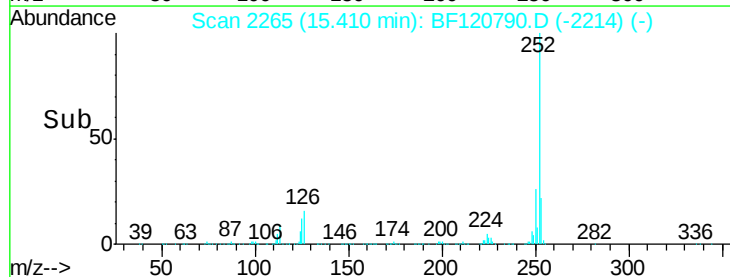
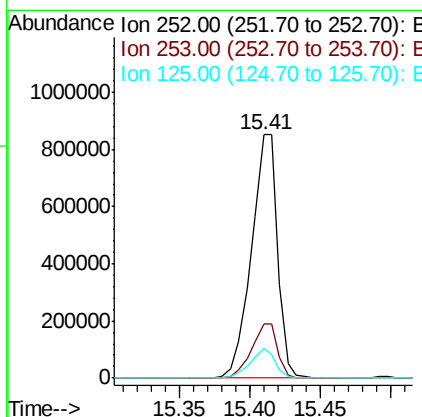
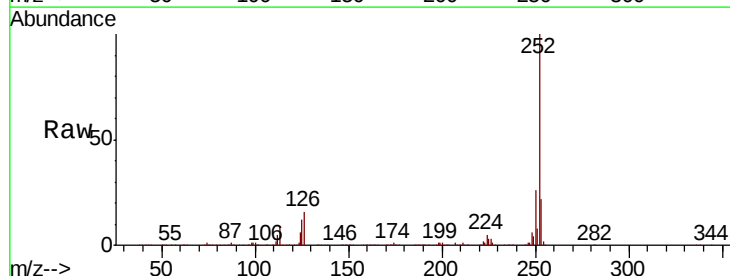
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

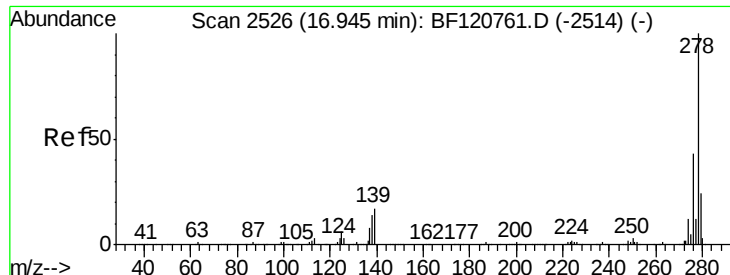
Tot Ion:252 Resp: 1239513
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.5 7.6 11.4



#90
Benzo(a)pyrene
Concen: 50.959 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:252 Resp: 1116296
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 12.1 9.2 13.8

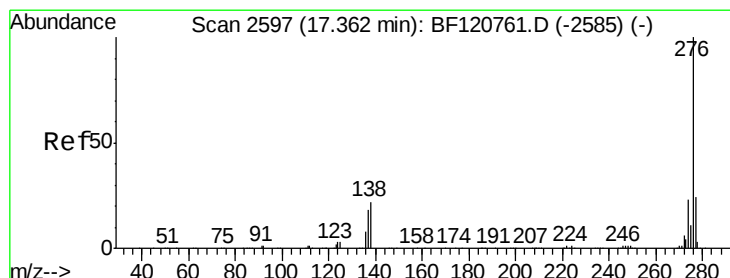
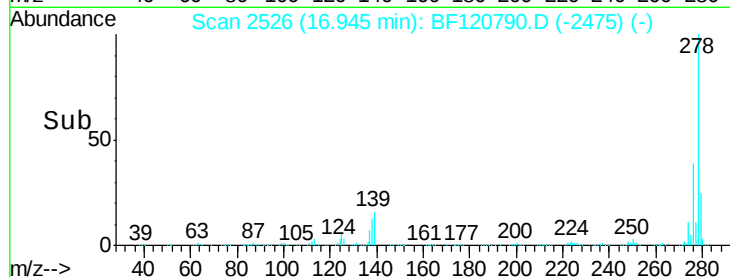
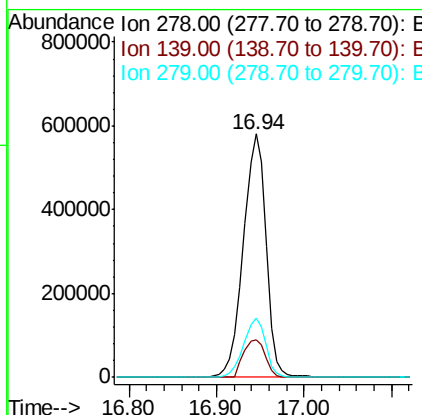
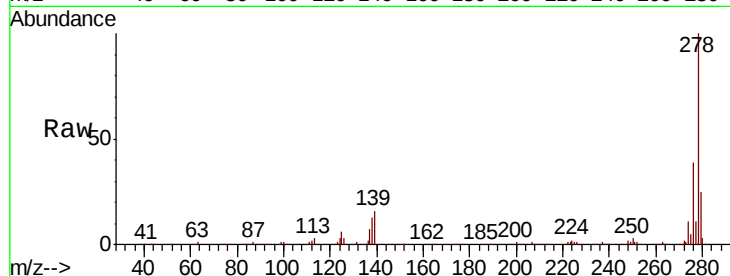




#91
Dibenzo(a,h)anthracene
Concen: 51.064 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.00 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:278 Resp: 1019691
Ion Ratio Lower Upper
278 100
139 15.7 13.3 19.9
279 24.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 49.815 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.01 min
Lab File: BF120790.D
Acq: 7 Jul 2020 16:33

Tgt Ion:276 Resp: 909124
Ion Ratio Lower Upper
276 100
277 24.3 18.8 28.2
138 21.9 17.4 26.2

