

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120792.D
 Acq On : 7 Jul 2020 17:30
 Operator : JU/CG
 Sample : L3230-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Quant Time: Jul 07 18:00:54 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	159508	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	617970	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	318868	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	588452	20.00	ng	0.00
76) Chrysene-d12	14.02	240	461894	20.00	ng	0.00
86) Perylene-d12	15.47	264	407190	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	964930	93.38	ng	0.01
7) Phenol-d6	6.47	99	1206719	91.45	ng	0.00
23) Nitrobenzene-d5	7.41	82	759156	71.17	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	338774	105.75	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1406770	66.75	ng	0.00
79) Terphenyl-d14	12.96	244	1594519	67.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	201594	42.709	ng	99
3) Pyridine	3.40	79	559142	43.247	ng	100
4) n-Nitrosodimethylamine	3.36	42	312576	48.327	ng	98
6) Aniline	6.51	93	657047	38.770	ng	100
8) 2-Chlorophenol	6.63	128	524620	47.687	ng	98
9) Benzaldehyde	6.39	77	181936	23.182	ng	99
10) Phenol	6.49	94	660358m	48.646	ng	
11) bis(2-Chloroethyl)ether	6.59	93	505035	45.720	ng	98
12) 1,3-Dichlorobenzene	6.79	146	544954	45.003	ng	99
13) 1,4-Dichlorobenzene	6.87	146	553545	45.640	ng	99
14) 1,2-Dichlorobenzene	7.02	146	519999	45.065	ng	99
15) Benzyl Alcohol	6.99	79	447668	45.152	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	759656	44.090	ng	100
17) 2-Methylphenol	7.10	107	428977	43.587	ng	98
18) Hexachloroethane	7.36	117	212801	46.682	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	360210	45.336	ng	97
20) 3+4-Methylphenols	7.25	107	507783	41.891	ng	92
22) Acetophenone	7.26	105	683469	44.495	ng	99
24) Nitrobenzene	7.43	77	562899	47.003	ng	96
25) Isophorone	7.67	82	1025126	44.566	ng	99
26) 2-Nitrophenol	7.75	139	251604	49.811	ng	99
27) 2,4-Dimethylphenol	7.79	122	449128	48.912	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	634305	46.593	ng	100
29) 2,4-Dichlorophenol	7.99	162	431759	47.101	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	463285	44.997	ng	99
31) Naphthalene	8.16	128	1477325	44.732	ng	100
32) Benzoic acid	7.91	122	316220	48.642	ng	97
33) 4-Chloroaniline	8.20	127	319691	22.812	ng	96
34) Hexachlorobutadiene	8.27	225	267982	43.277	ng	100
35) Caprolactam	8.57	113	132196m	49.492	ng	
36) 4-Chloro-3-methylphenol	8.68	107	460204	48.263	ng	97
37) 2-Methylnaphthalene	8.85	142	997792	46.476	ng	100
38) 1-Methylnaphthalene	8.95	142	942665	46.875	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	417437	43.316	ng	99

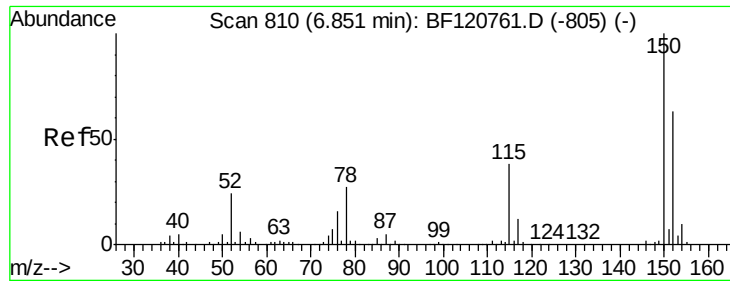
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	494689	86.881	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	311285	47.403	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	323700	44.418	ng	100
46) 1,1'-Biphenyl	9.31	154	1159670	45.087	ng	100
47) 2-Chloronaphthalene	9.33	162	918821	44.591	ng	100
48) 2-Nitroaniline	9.43	65	300830	48.716	ng	97
49) Acenaphthylene	9.75	152	1439655	44.563	ng	100
50) Dimethylphthalate	9.62	163	1232447	52.984	ng	100
51) 2,6-Dinitrotoluene	9.67	165	225240	48.689	ng	88
52) Acenaphthene	9.92	154	981646	48.980	ng	99
53) 3-Nitroaniline	9.84	138	154947	28.260	ng	94
54) 2,4-Dinitrophenol	9.95	184	174943	94.261	ng	97
55) Dibenzofuran	10.10	168	1285002	44.480	ng	99
56) 4-Nitrophenol	10.00	139	423711	98.821	ng	98
57) 2,4-Dinitrotoluene	10.07	165	300600	51.933	ng	93
58) Fluorene	10.44	166	950011	44.180	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	267524m	49.330	ng	
60) Diethylphthalate	10.32	149	1094036	45.150	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	458989	42.461	ng	99
62) 4-Nitroaniline	10.46	138	248240	50.229	ng	99
63) Azobenzene	10.59	77	1099971	44.377	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	124681	50.037	ng	88
66) n-Nitrosodiphenylamine	10.55	169	898720	45.566	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	300845	44.073	ng	98
68) Hexachlorobenzene	10.99	284	331783	46.319	ng	# 89
69) Atrazine	11.07	200	261440	51.452	ng	98
70) Pentachlorophenol	11.17	266	397080	97.981	ng	99
71) Phenanthrene	11.40	178	1445122	45.261	ng	99
72) Anthracene	11.45	178	1477108	45.782	ng	99
73) Carbazole	11.60	167	1375863	44.376	ng	99
74) Di-n-butylphthalate	11.94	149	1706389	44.453	ng	99
75) Fluoranthene	12.59	202	1604881	47.185	ng	100
77) Benzidine	12.71	184	910979	69.874	ng	99
78) Pyrene	12.82	202	1606787	43.557	ng	99
80) Butylbenzylphthalate	13.44	149	736688	46.256	ng	100
81) Benzo(a)anthracene	14.00	228	1276987	43.130	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	297297	29.754	ng	# 97
83) Chrysene	14.04	228	1393940	46.155	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	872793	41.790	ng	# 99
85) Di-n-octyl phthalate	14.61	149	1759528	47.622	ng	99
87) Indeno(1,2,3-cd)pyrene	16.93	276	1234620	47.271	ng	99
88) Benzo(b)fluoranthene	15.05	252	1297928	48.485	ng	99
89) Benzo(k)fluoranthene	15.08	252	1292825	49.632	ng	98
90) Benzo(a)pyrene	15.42	252	1143685	47.893	ng	98
91) Dibenzo(a,h)anthracene	16.95	278	1070266	49.166	ng	98
92) Benzo(g,h,i)perylene	17.37	276	931083	46.800	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: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

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FK-BPM-01-C4-D4-C4A-D4AMS

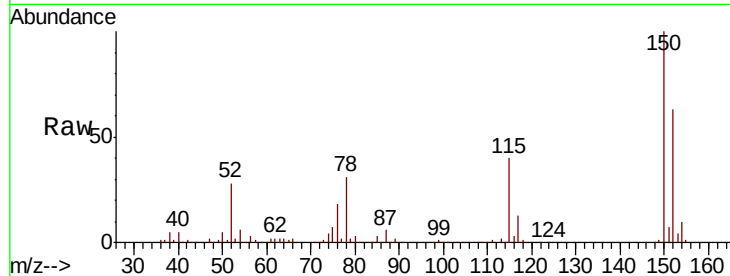
Tot Ion:152 Resp: 159508

Ion Ratio Lower Upper

152 100

150 158.3 126.1 189.1

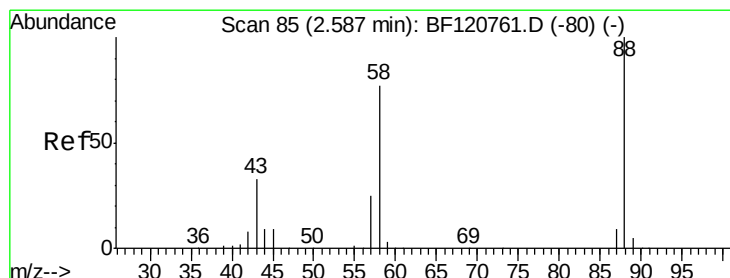
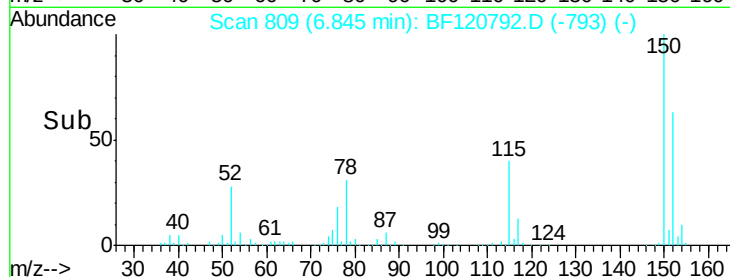
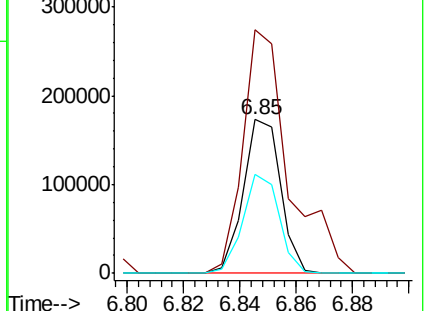
115 64.0 48.5 72.7



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: 42.709 ng

RT: 2.66 min Scan# 97

Delta R.T. 0.07 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

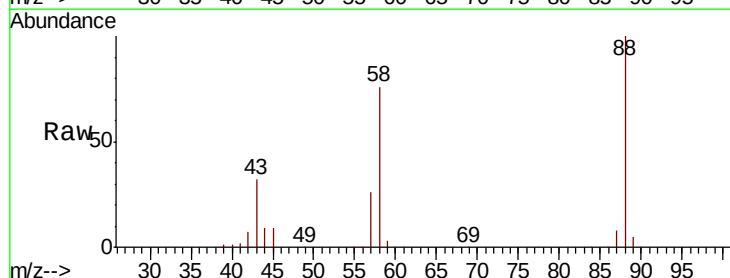
Tgt Ion: 88 Resp: 201594

Ion Ratio Lower Upper

88 100

58 76.1 60.4 90.6

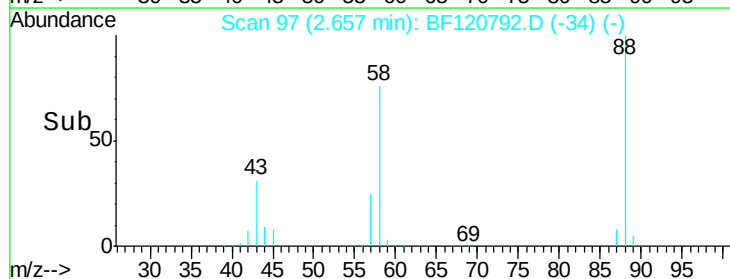
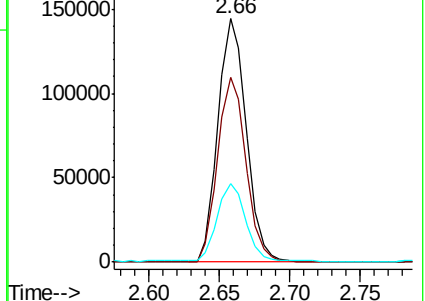
43 32.1 26.3 39.5

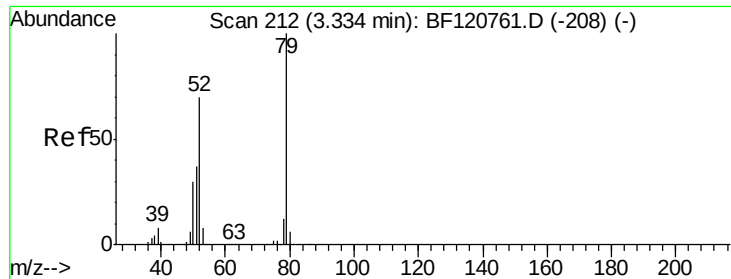


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 43.247 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.07 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

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ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

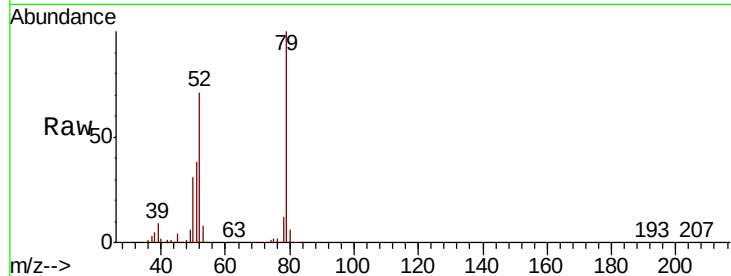
Tot Ion: 79 Resp: 559142

Ion Ratio Lower Upper

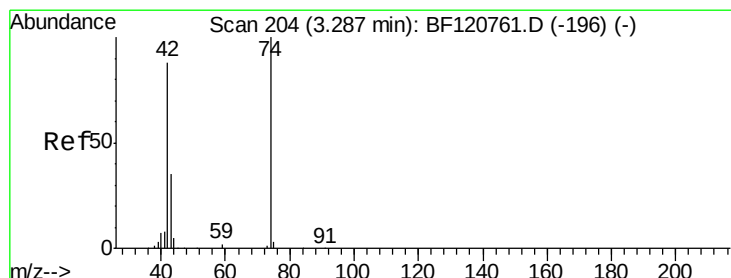
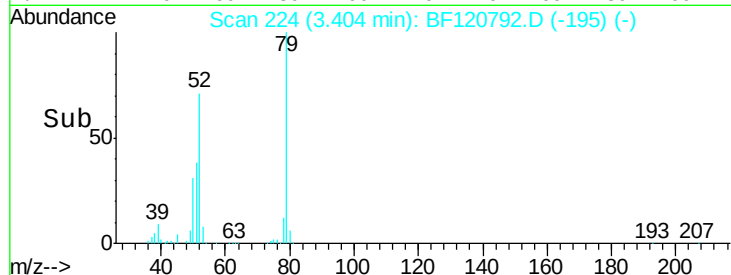
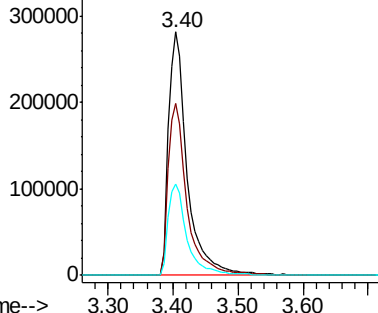
79 100

52 70.5 56.3 84.5

51 37.7 30.1 45.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 48.327 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.07 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

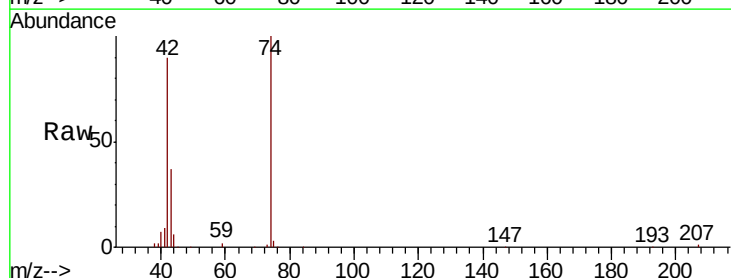
Tgt Ion: 42 Resp: 312576

Ion Ratio Lower Upper

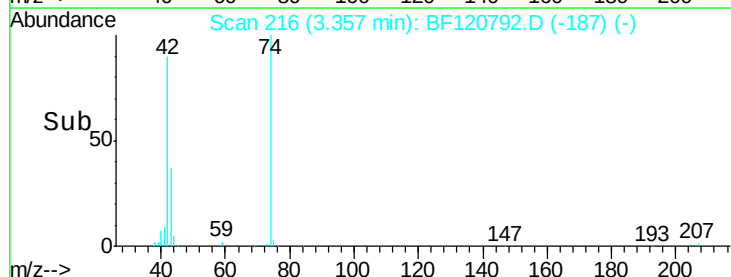
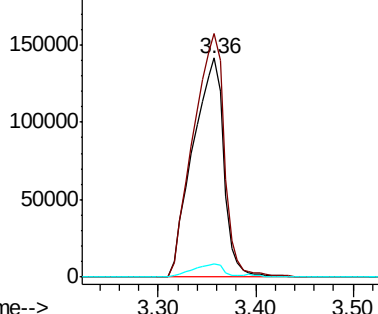
42 100

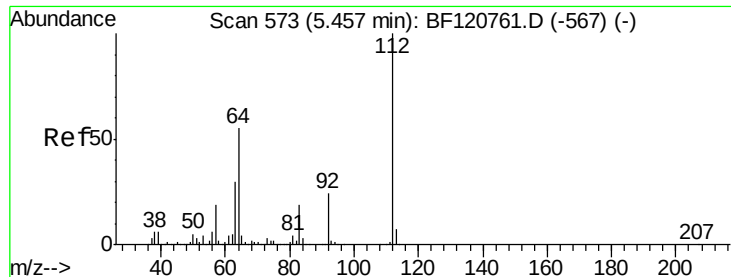
74 111.3 90.8 136.2

44 6.1 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 93.382 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

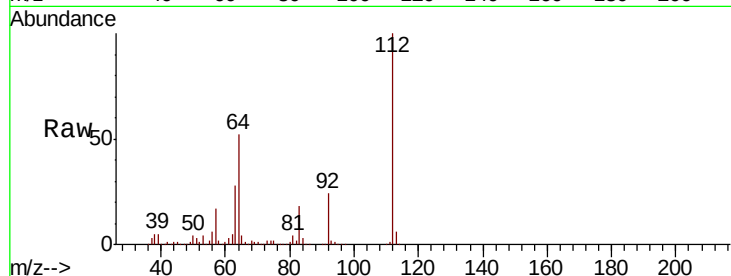
Tot Ion:112 Resp: 964930

Ion Ratio Lower Upper

112 100

64 52.2 43.8 65.6

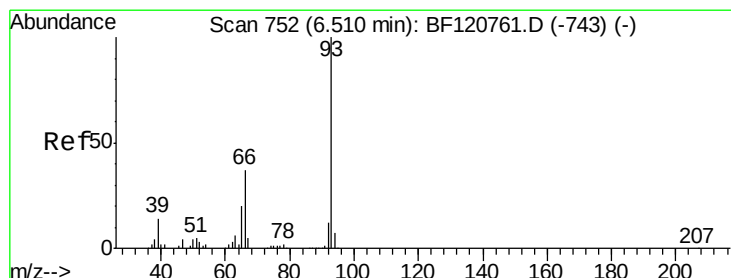
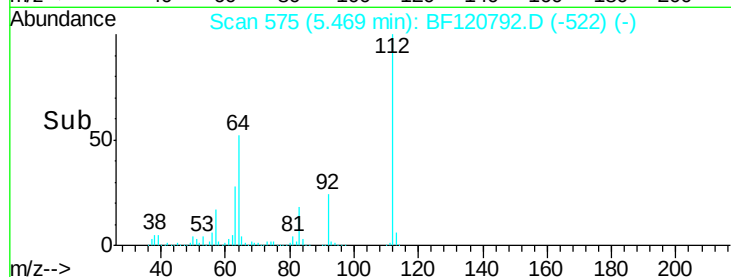
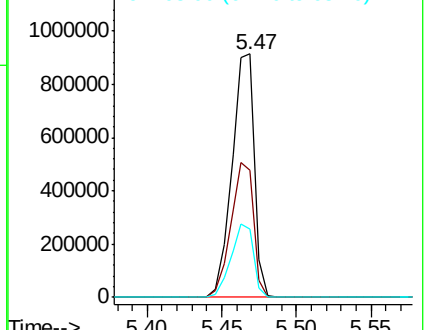
63 28.0 23.6 35.4



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: 38.770 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

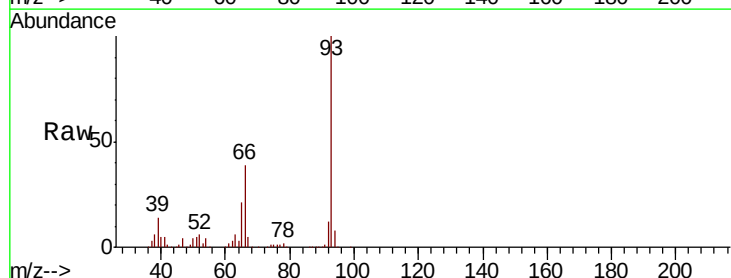
Tgt Ion: 93 Resp: 657047

Ion Ratio Lower Upper

93 100

66 39.3 31.3 46.9

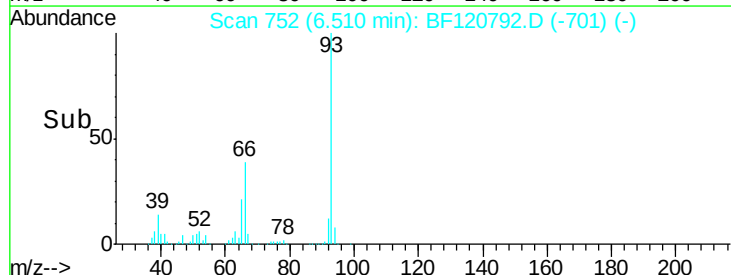
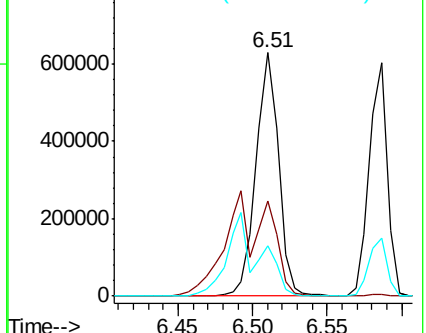
65 20.9 16.5 24.7

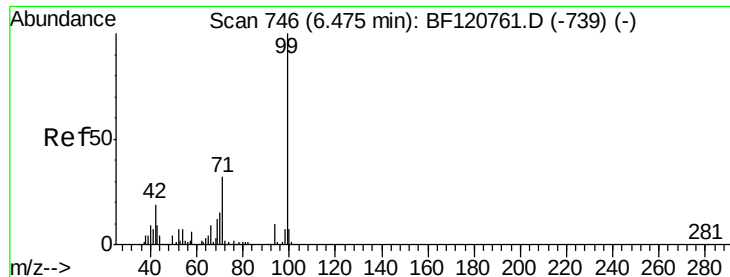


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.447 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

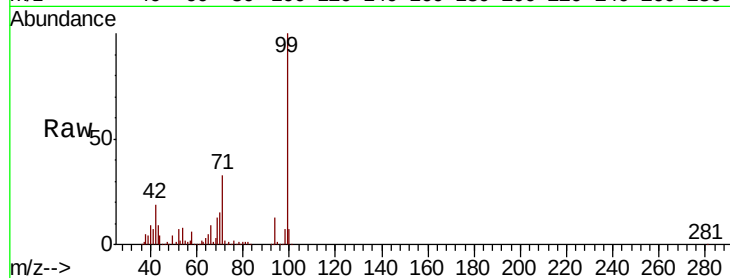
BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion: 99 Resp: 1206719

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.4	23.0
71	32.6	25.9	38.9

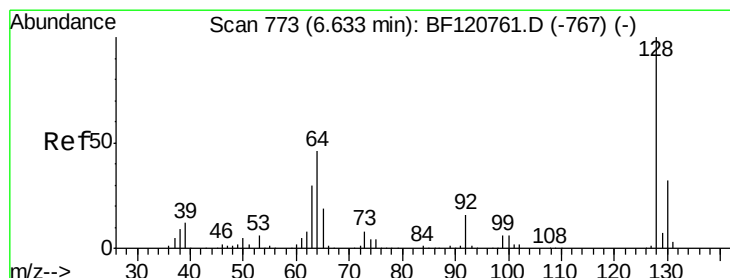
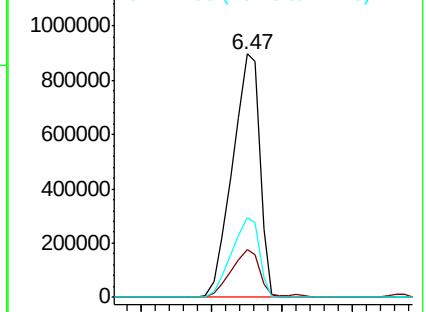
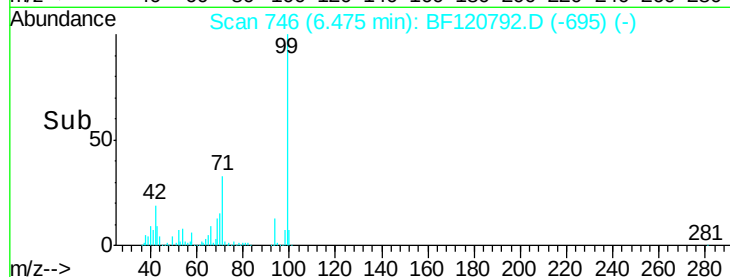


Abundance

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: 47.687 ng

RT: 6.63 min Scan# 773

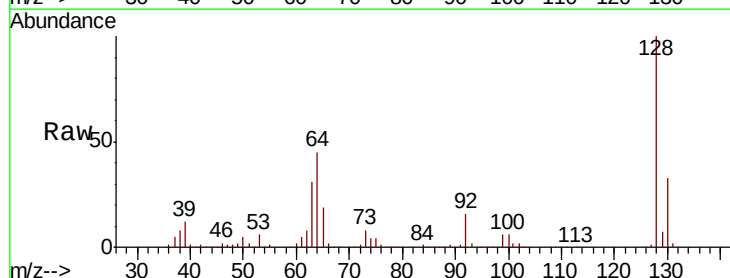
Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Tgt Ion: 128 Resp: 524620

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.1	52.1
64	45.2	26.3	66.3

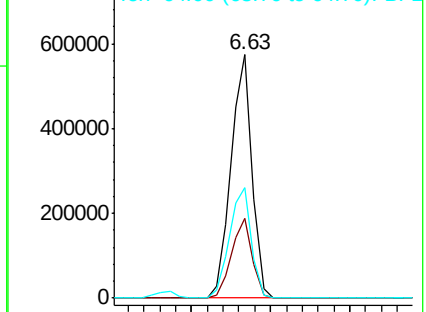
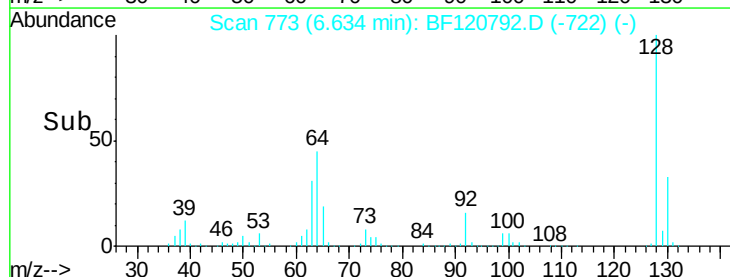


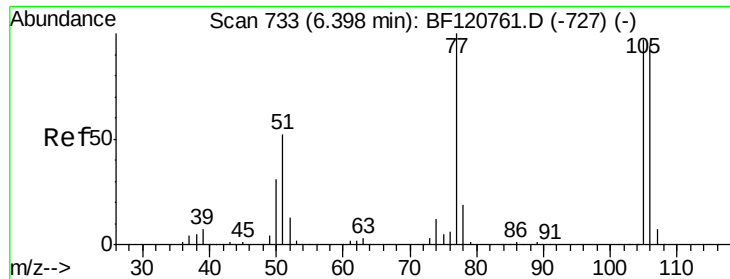
Abundance

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

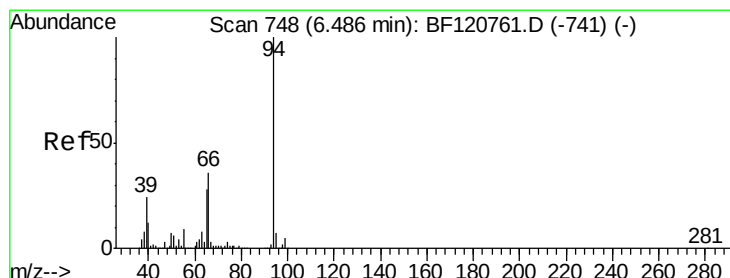
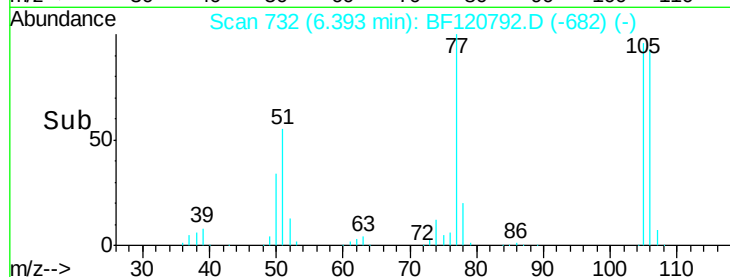
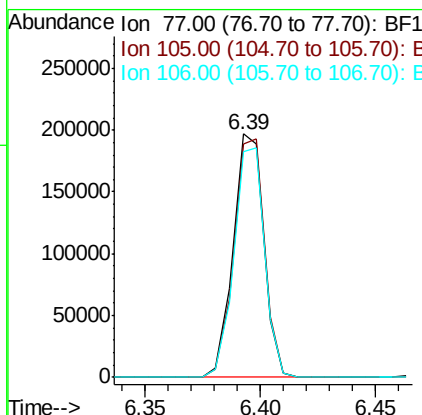
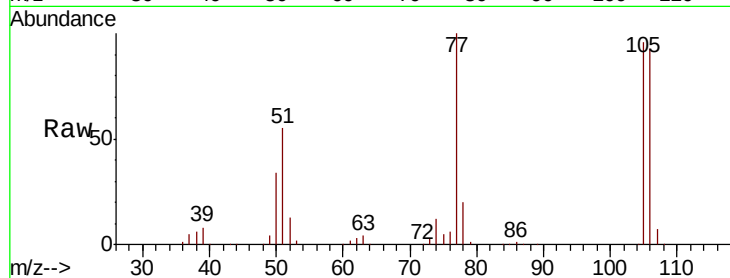




#9
Benzaldehyde
Concen: 23.182 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

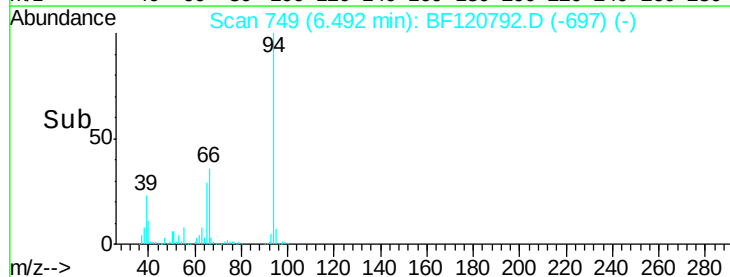
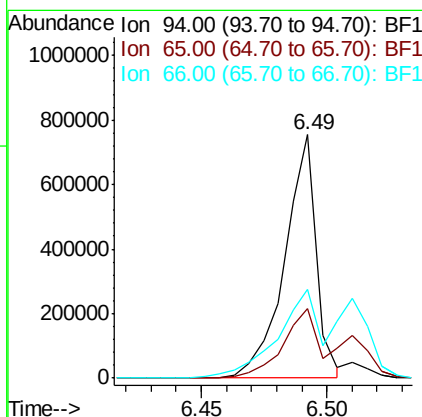
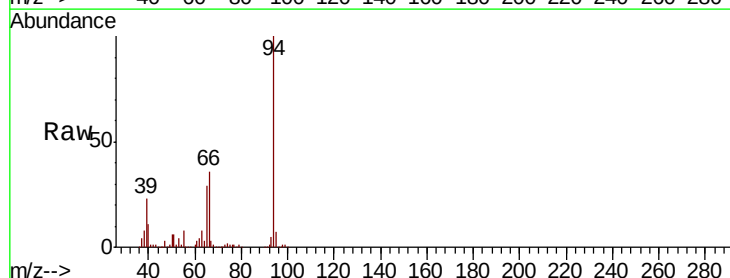
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

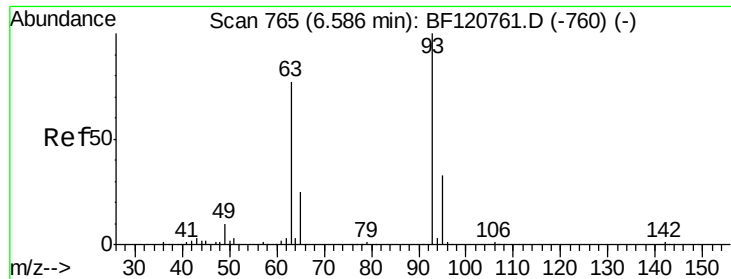
Tot Ion: 77 Resp: 181936
Ion Ratio Lower Upper
77 100
105 95.7 76.8 116.8
106 92.7 73.8 113.8



#10
Phenol
Concen: 48.646 ng m
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion: 94 Resp: 660358
Ion Ratio Lower Upper
94 100
65 28.8 8.4 48.4
66 36.2 16.5 56.5

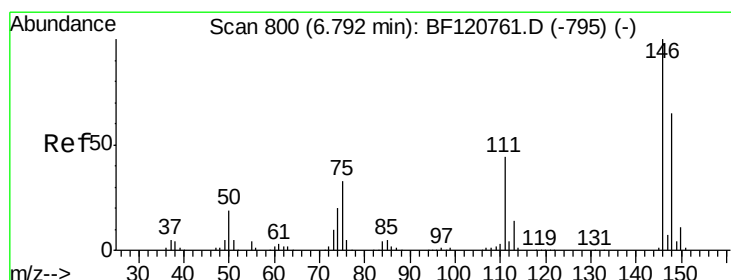
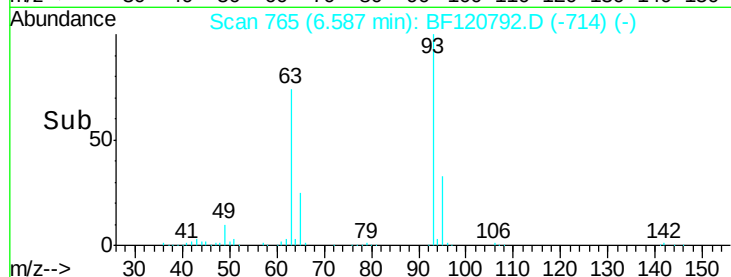
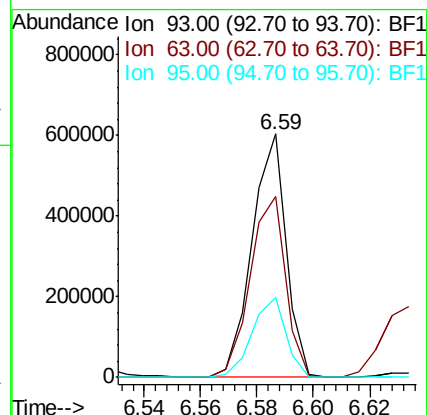
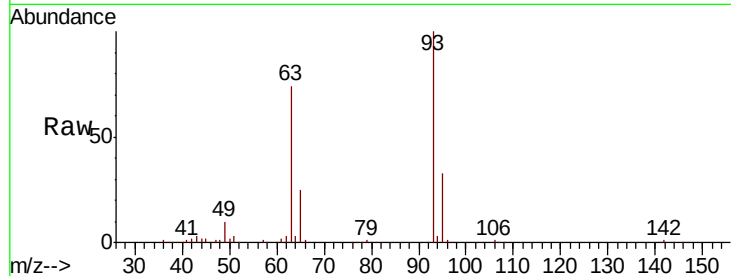




#11
bis(2-Chloroethyl)ether
Concen: 45.720 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

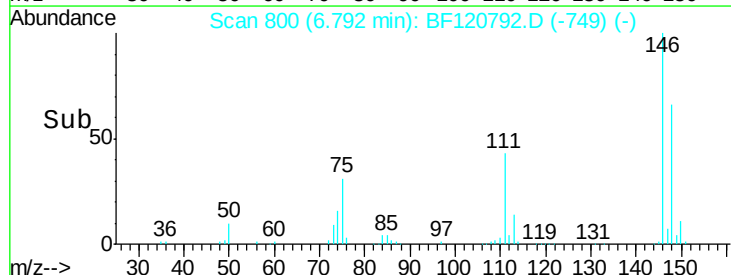
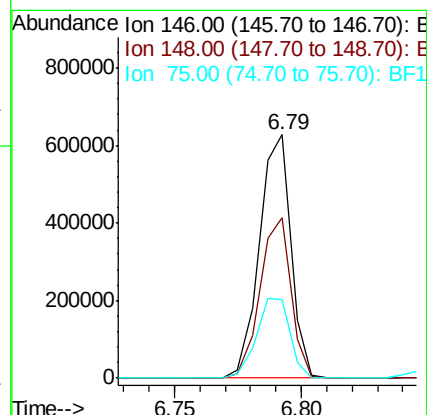
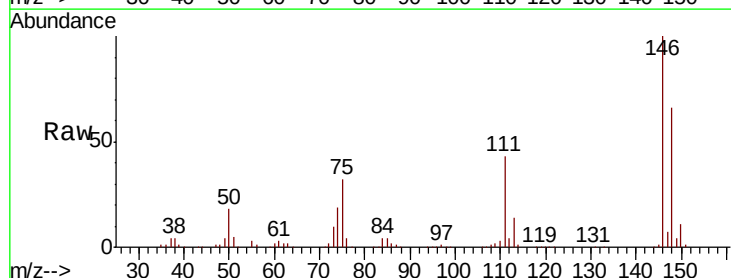
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

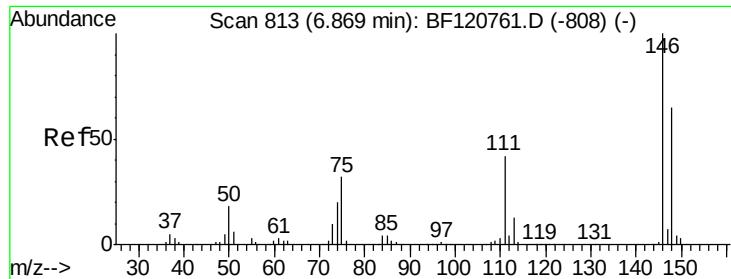
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.4	56.9	96.9
95	32.8	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 45.003 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.1	78.1
75	32.1	26.0	39.0

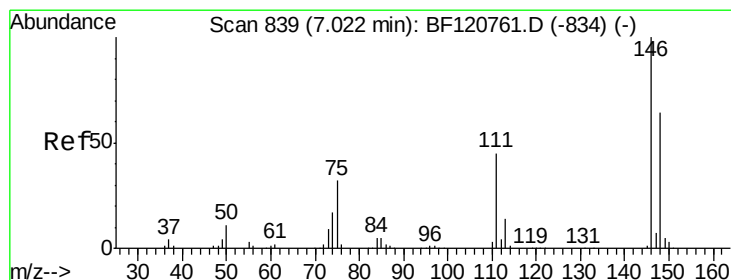
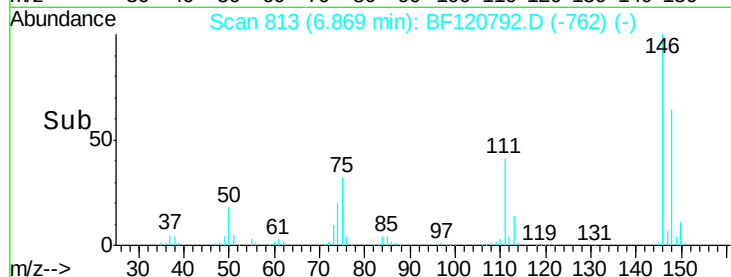
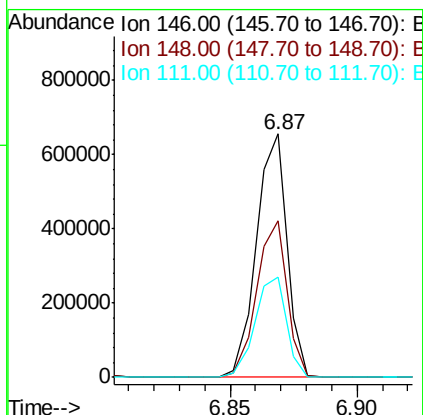
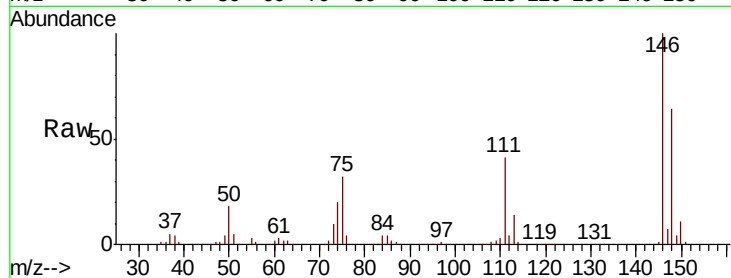




#13
 1,4-Dichlorobenzene
 Concen: 45.640 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

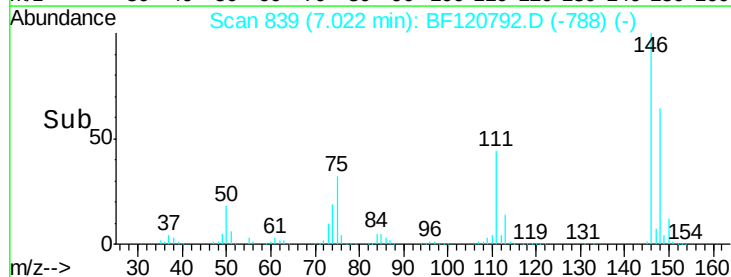
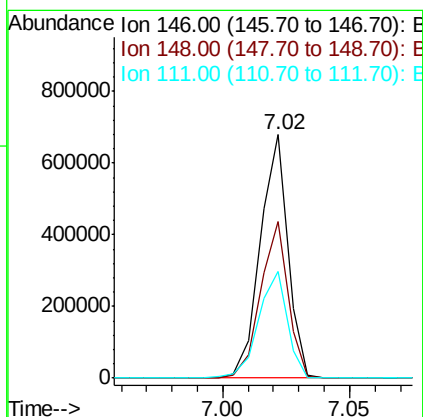
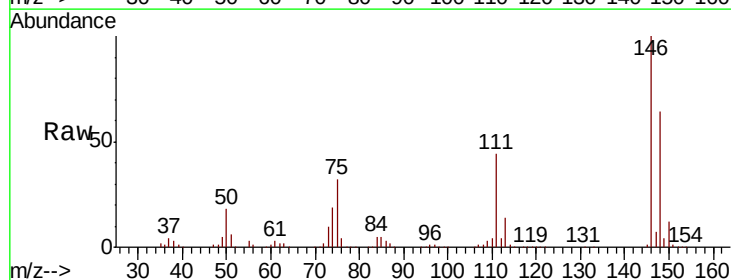
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

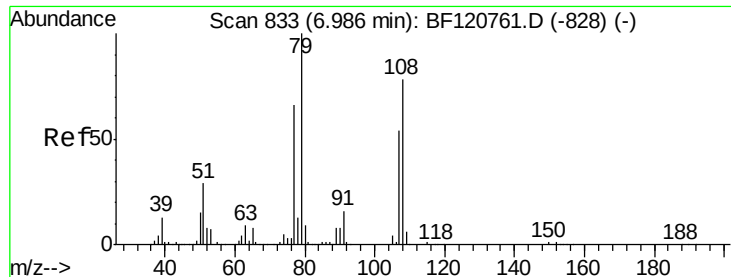
Tot Ion:146 Resp: 553545
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 41.1 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 45.065 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Tgt Ion:146 Resp: 519999
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.4
 111 43.9 35.7 53.5





#15

Benzyl Alcohol

Concen: 45.152 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

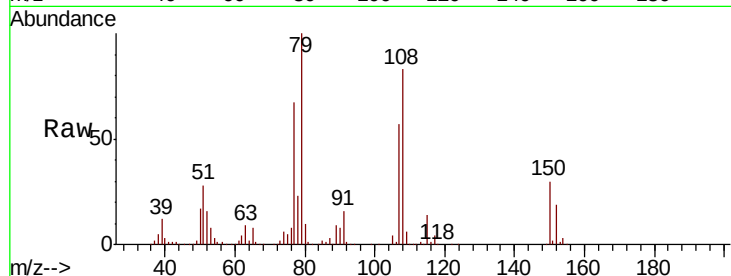
Tot Ion: 79 Resp: 447668

Ion Ratio Lower Upper

79 100

108 83.0 62.4 93.6

77 66.8 52.7 79.1



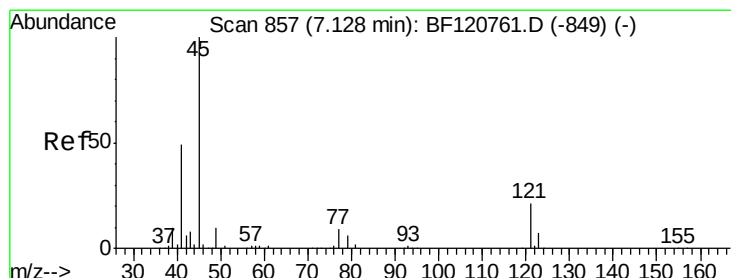
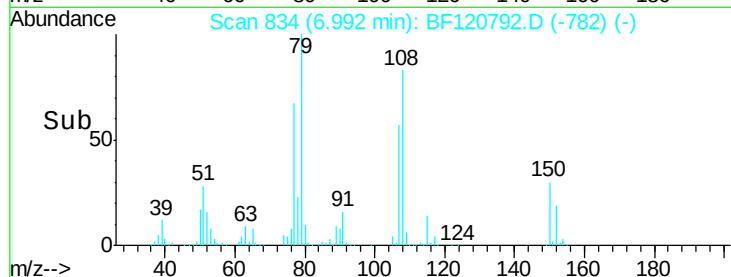
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

6.99

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.090 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

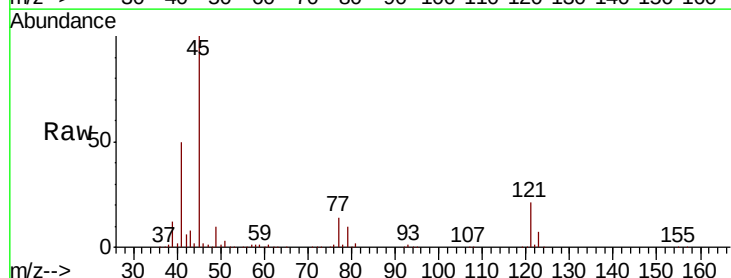
Tgt Ion: 45 Resp: 759656

Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.7

79 10.4 0.0 30.5



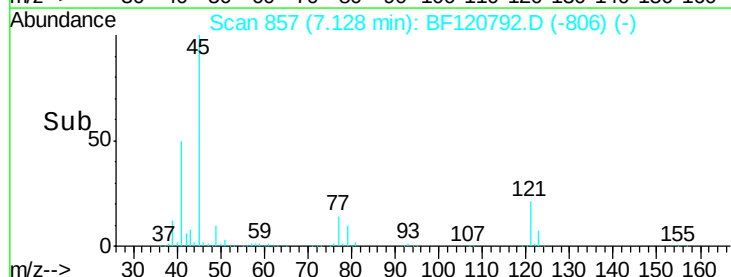
Abundance Ion 45.00 (44.70 to 45.70): BF1

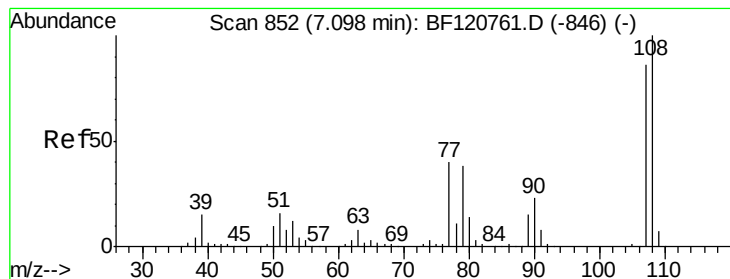
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.13

Time-->

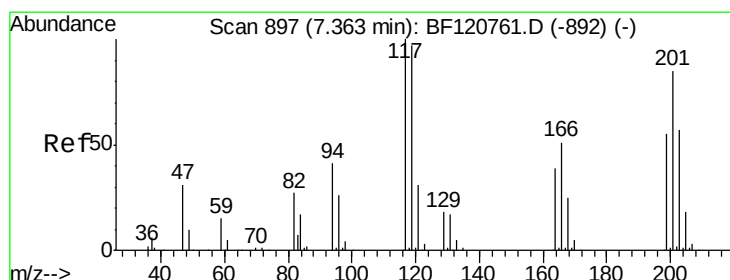
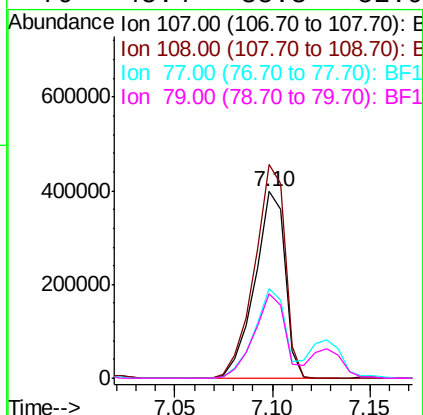
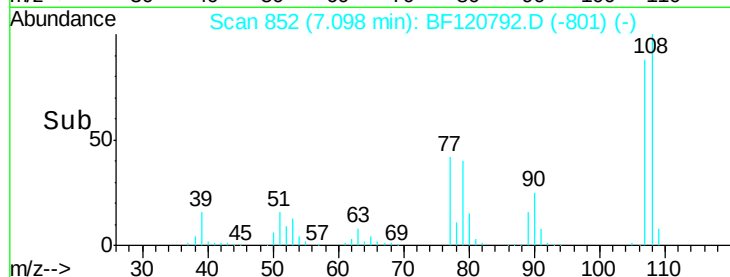
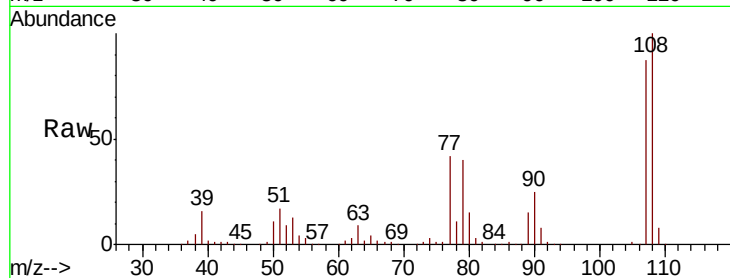




#17
2-Methylphenol
Concen: 43.587 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

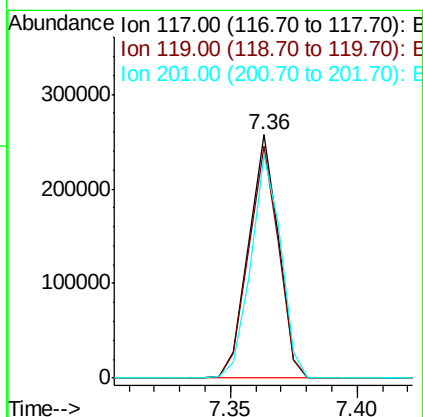
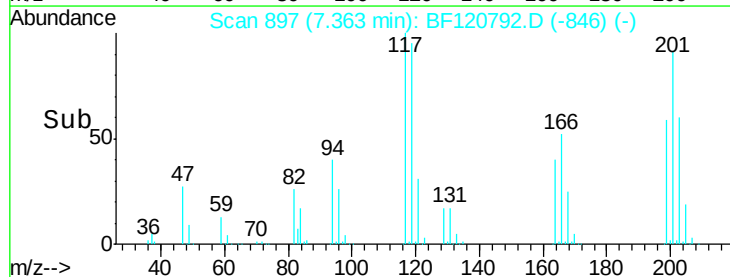
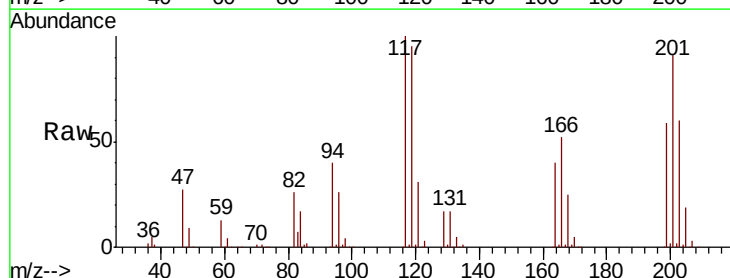
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

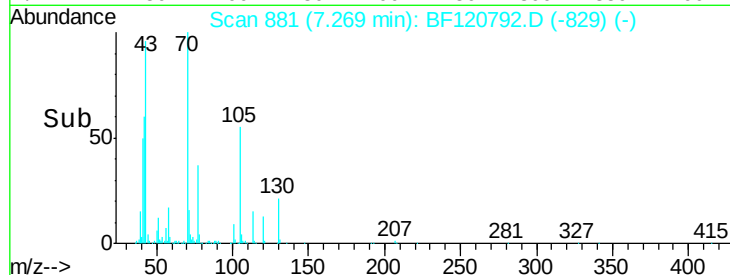
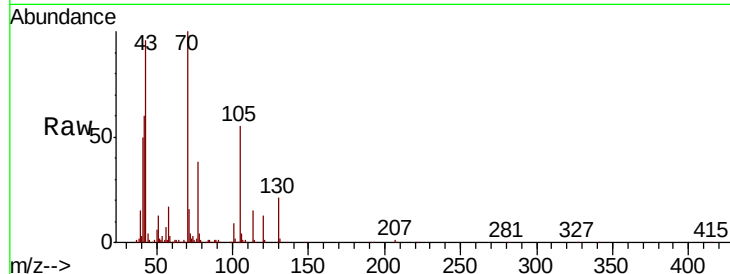
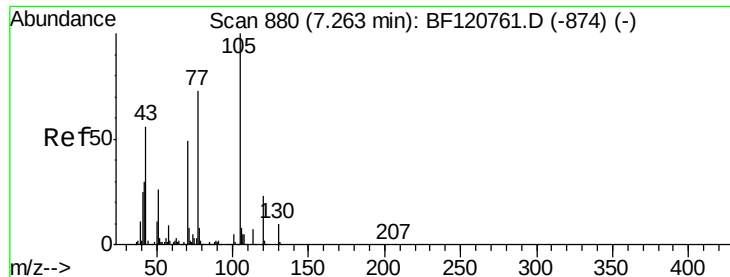
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.1	139.7
77	48.0	37.3	55.9
79	45.4	35.3	52.9



#18
Hexachloroethane
Concen: 46.682 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.9	116.9
201	91.4	68.3	102.5

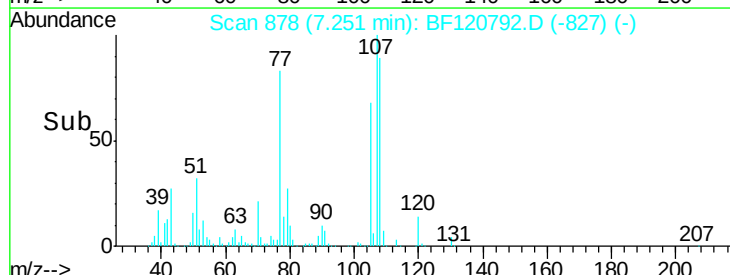
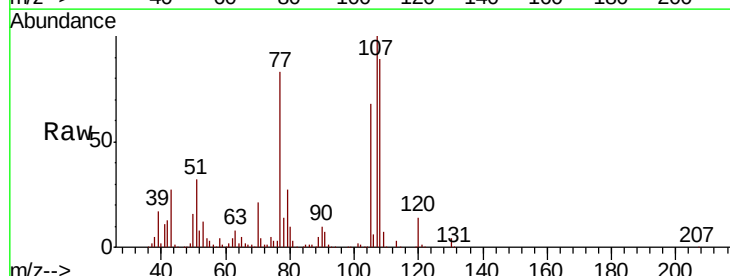
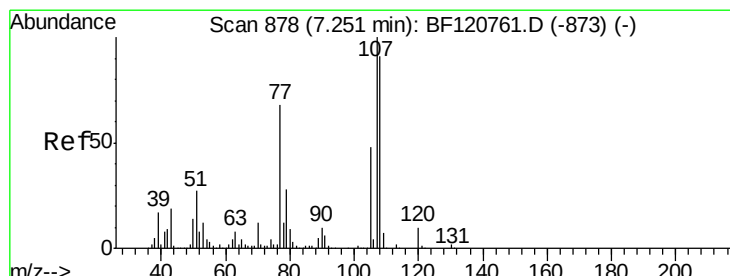
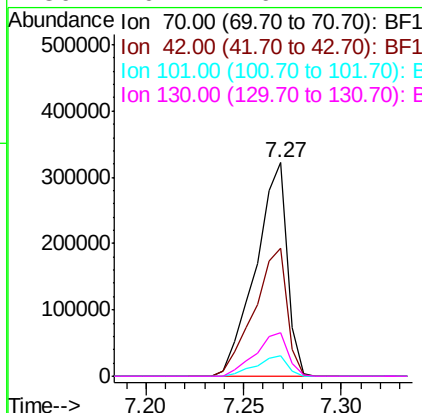




#19
n-Nitroso-di-n-propylamine
Concen: 45.336 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

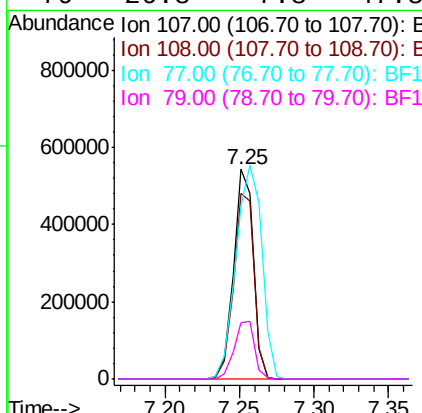
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

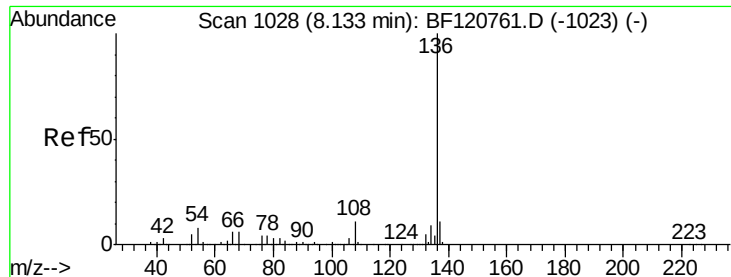
Tot Ion: 70 Resp: 360210
Ion Ratio Lower Upper
70 100
42 60.2 50.3 75.5
101 9.5 7.5 11.3
130 20.7 16.1 24.1



#20
3+4-Methylphenols
Concen: 41.891 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion: 107 Resp: 507783
Ion Ratio Lower Upper
107 100
108 88.8 70.9 110.9
77 82.8 48.3 88.3
79 26.8 7.8 47.8

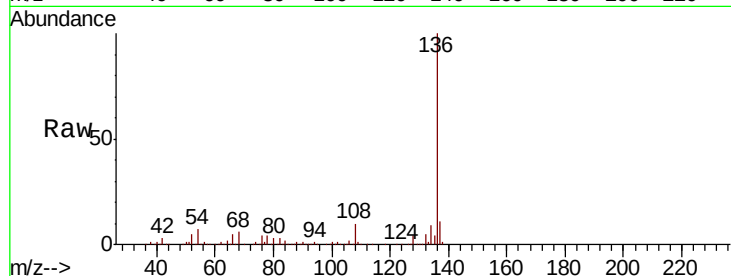




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:136	Resp:	617970	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.0	13.6	
54 7.3	6.2	9.4	
68 5.5	4.7	7.1	



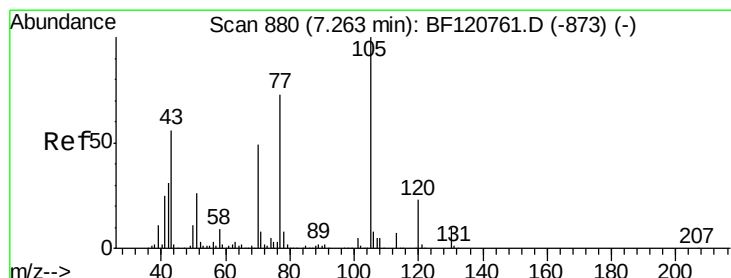
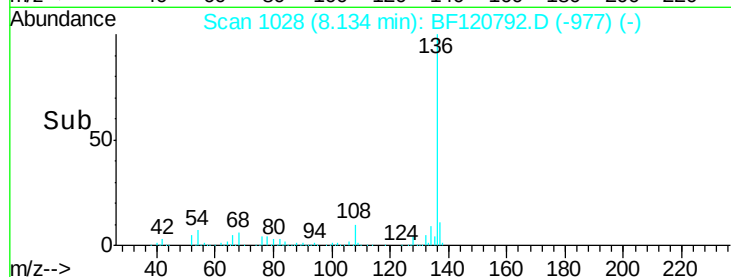
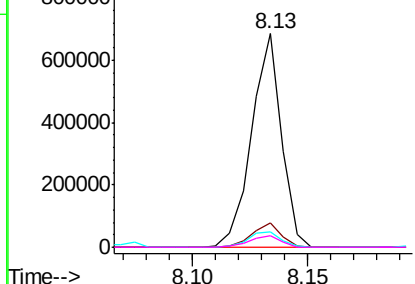
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

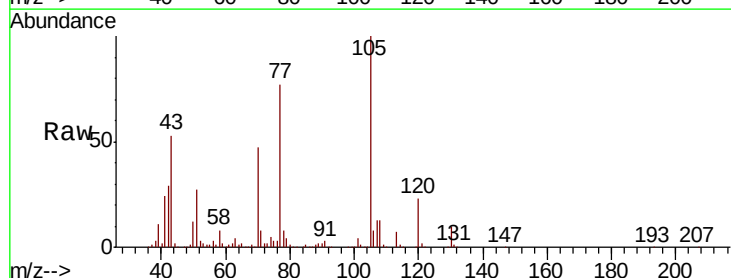
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.495 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt	Ion:105	Resp:	683469
Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.5	9.7
51	27.2	21.0	31.4
120	23.1	18.6	28.0



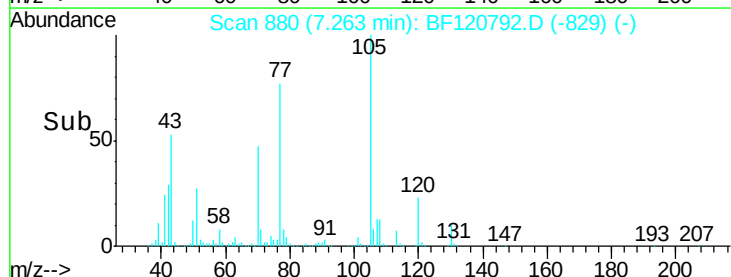
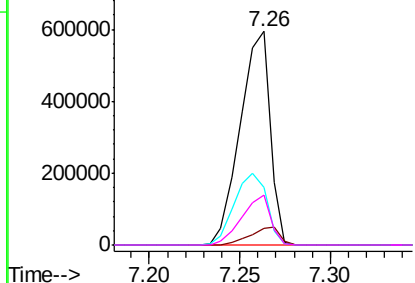
Abundance

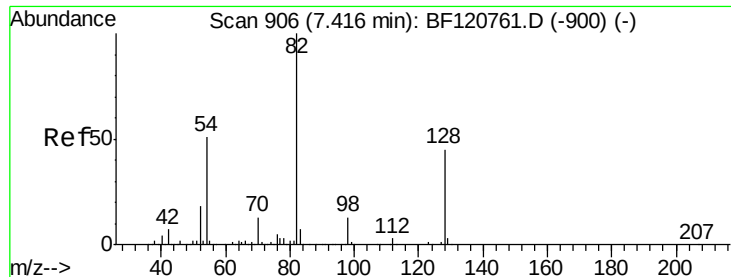
Ion 105.00 (104.70 to 105.70): E

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

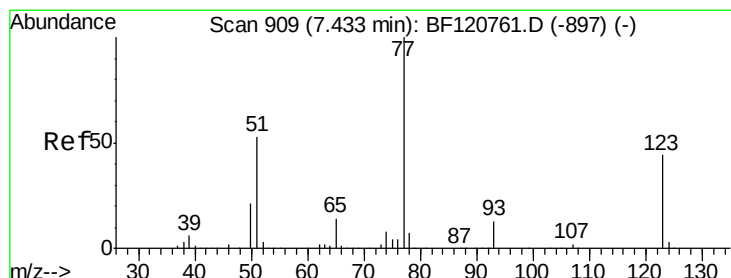
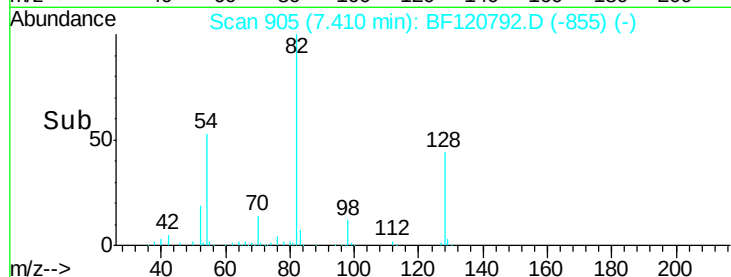
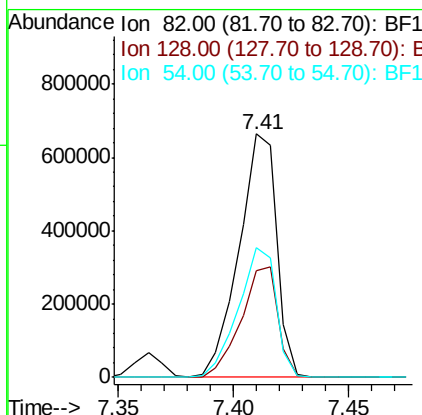
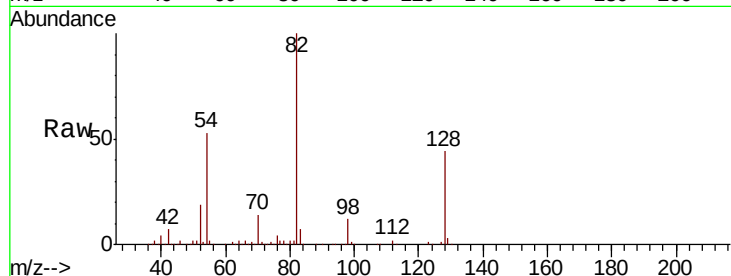




#23
 Nitrobenzene-d5
 Concen: 71.175 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

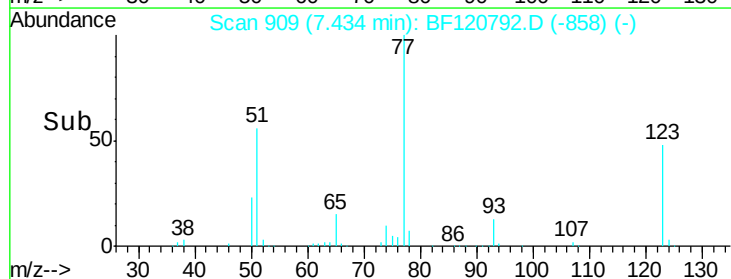
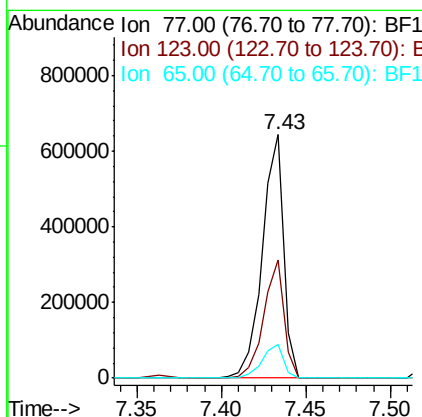
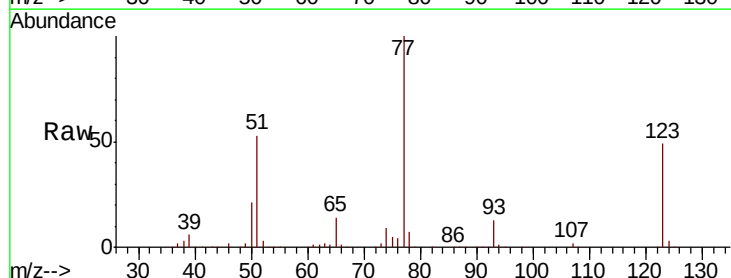
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

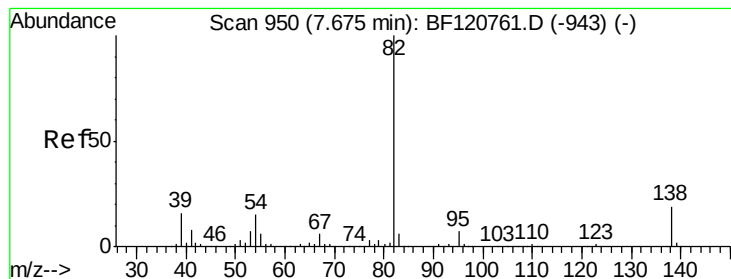
Tot Ion	82	Resp	759156
Ion Ratio	Lower	Upper	
82	100		
128	43.7	35.7	53.5
54	53.5	40.9	61.3



#24
 Nitrobenzene
 Concen: 47.003 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Tgt Ion	77	Resp	562899
Ion Ratio	Lower	Upper	
77	100		
123	48.5	36.1	54.1
65	13.7	11.0	16.4





#25

Isophorone

Concen: 44.566 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

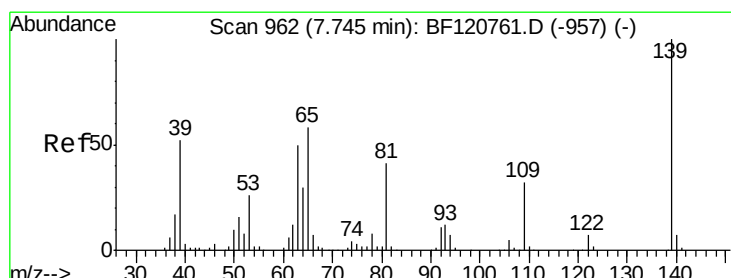
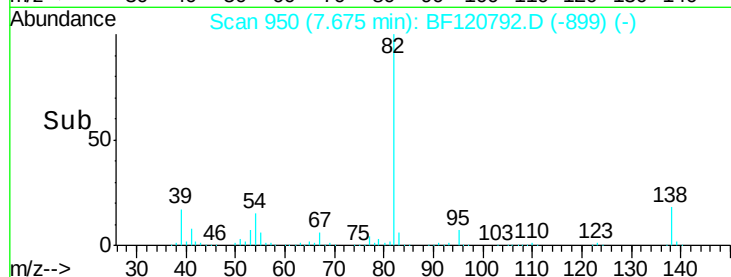
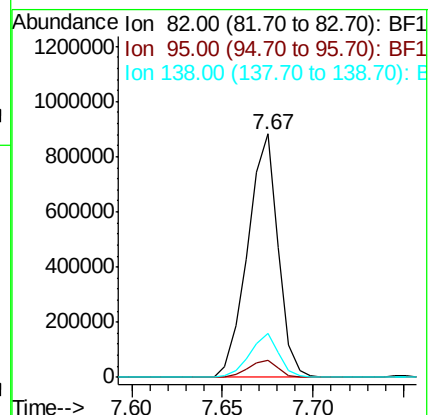
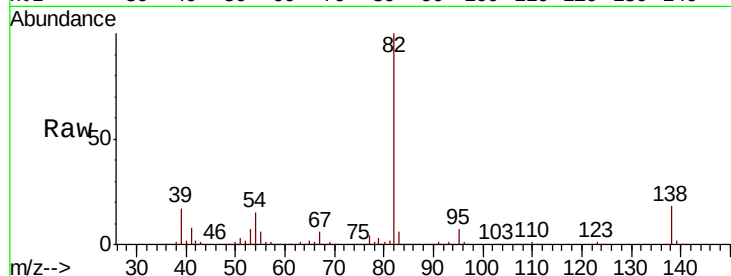
Tot Ion: 82 Resp: 1025126

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 18.2 15.0 22.4



#26

2-Nitrophenol

Concen: 49.811 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

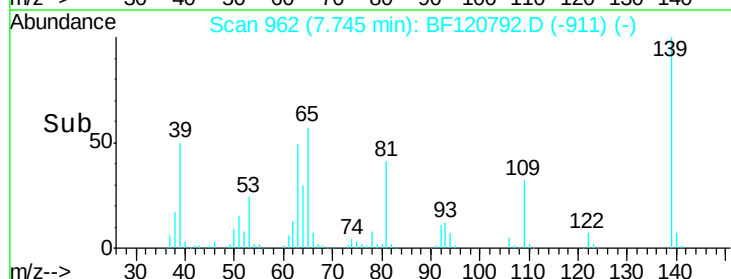
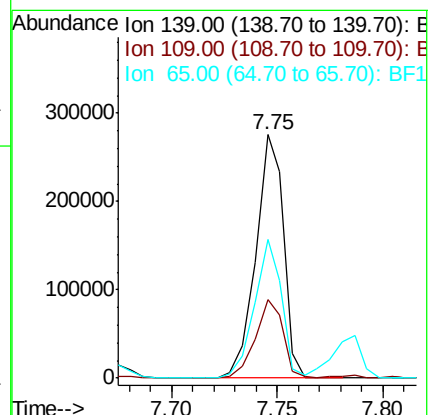
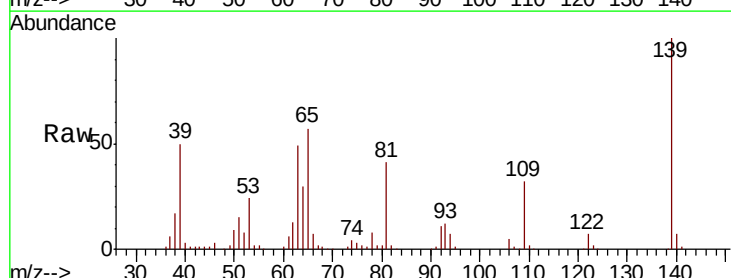
Tgt Ion: 139 Resp: 251604

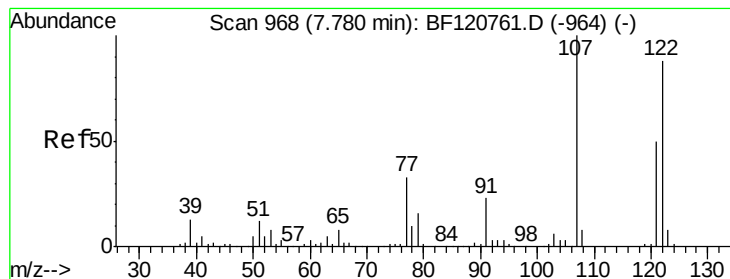
Ion Ratio Lower Upper

139 100

109 32.1 25.3 37.9

65 56.7 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 48.912 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

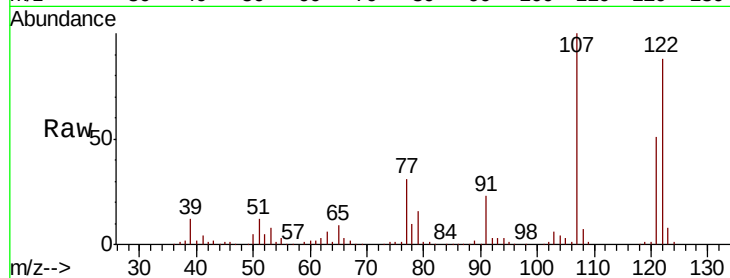
Tot Ion:122 Resp: 449128

Ion Ratio Lower Upper

122 100

107 113.5 90.7 136.1

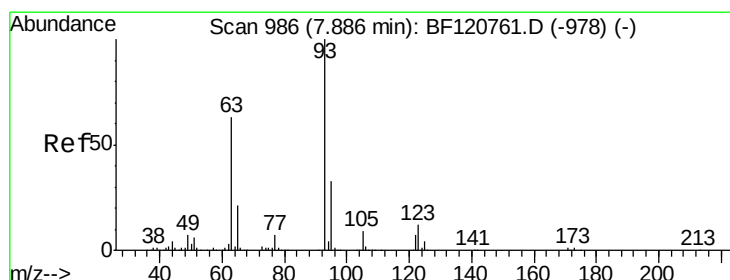
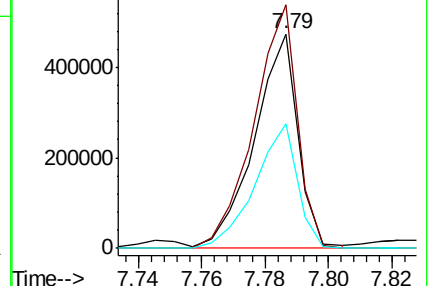
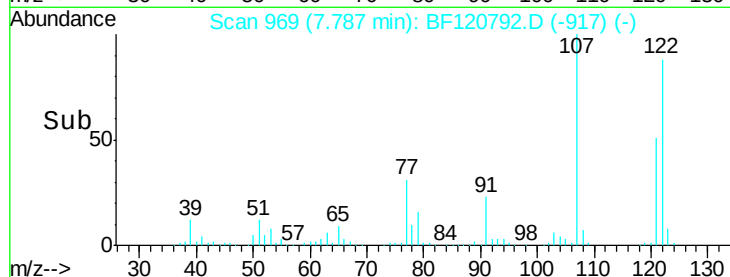
121 58.2 45.4 68.0



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: 46.593 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

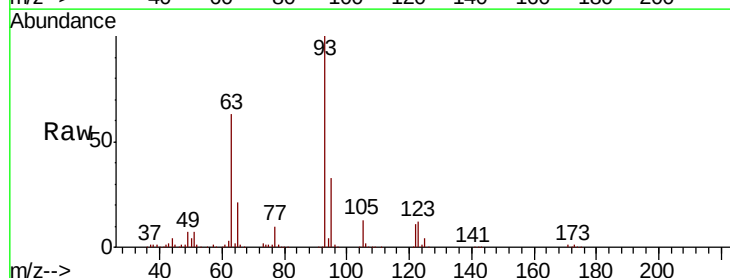
Tgt Ion: 93 Resp: 634305

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

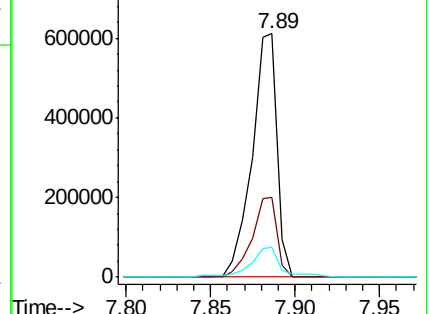
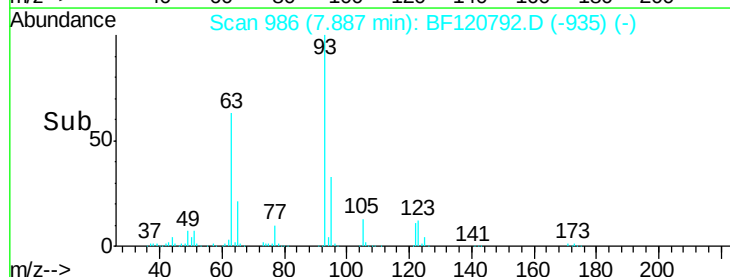
123 12.5 10.2 15.2

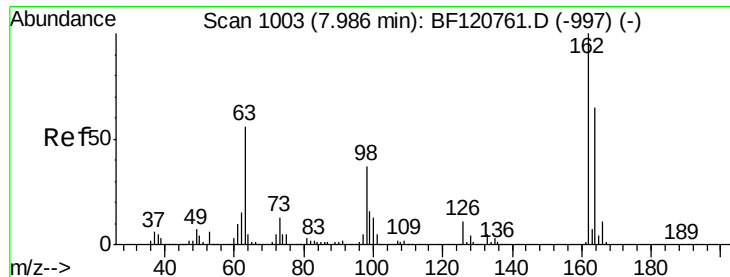


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

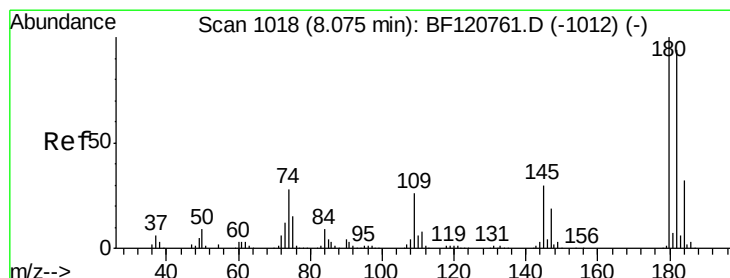
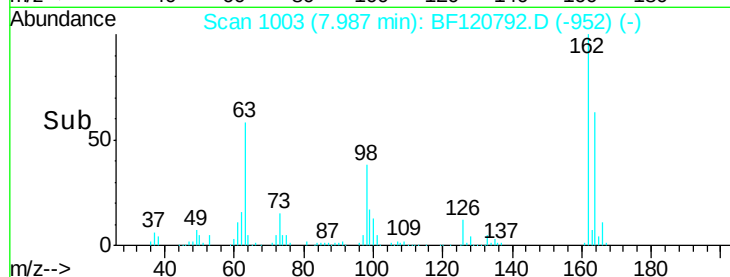
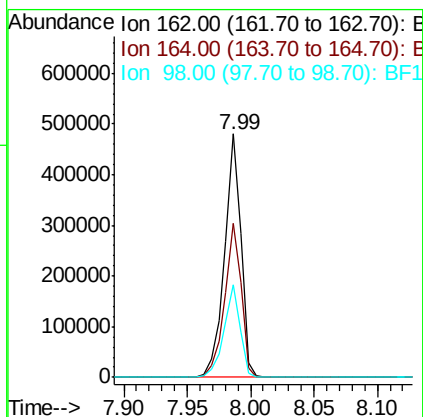
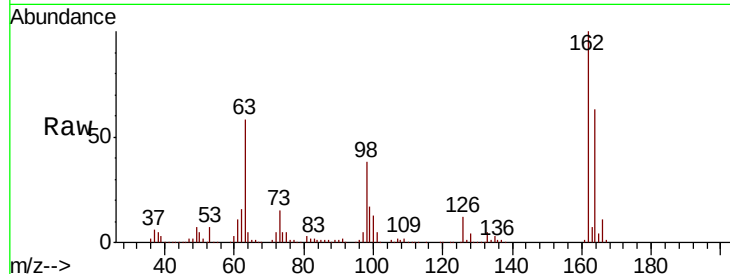




#29
2,4-Dichlorophenol
Concen: 47.101 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

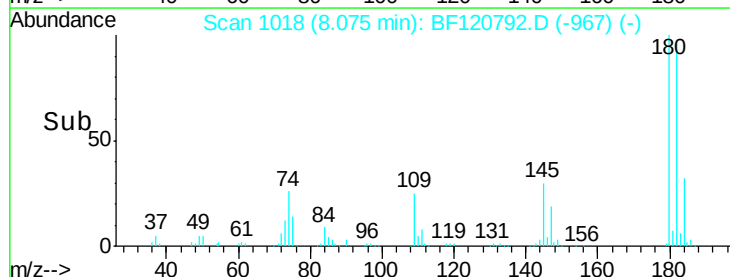
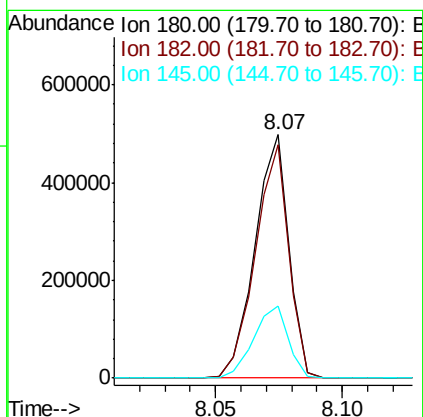
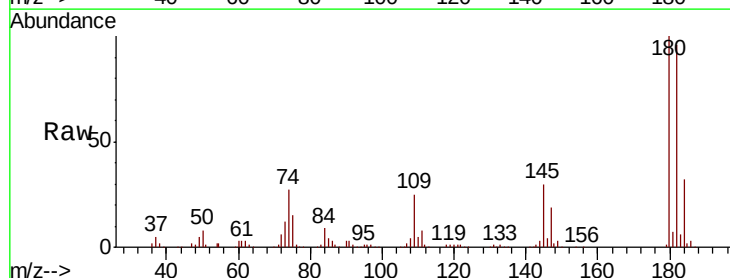
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

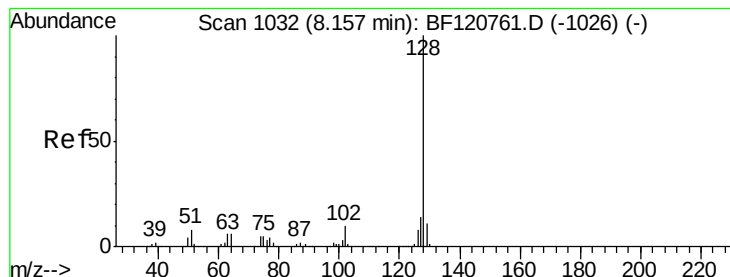
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.2	85.2
98	37.8	17.0	57.0



#30
1,2,4-Trichlorobenzene
Concen: 44.997 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.5	113.3
145	29.7	24.1	36.1





#31

Naphthalene

Concen: 44.732 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

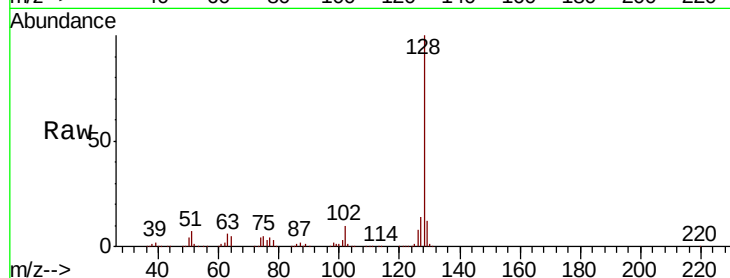
Tot Ion:128 Resp: 1477325

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

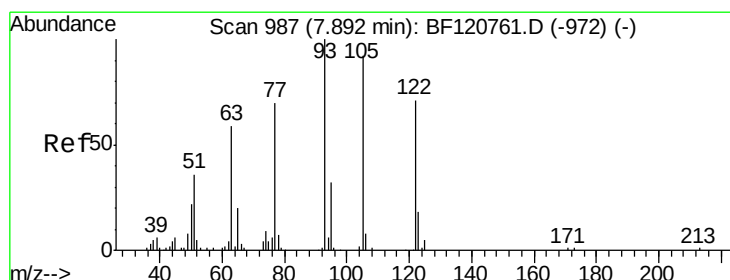
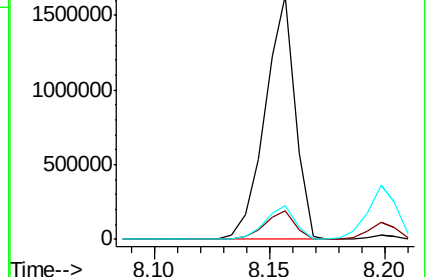
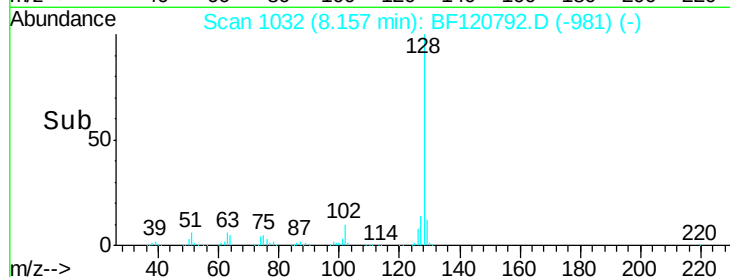
127 14.0 11.1 16.7



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: 48.642 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.02 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

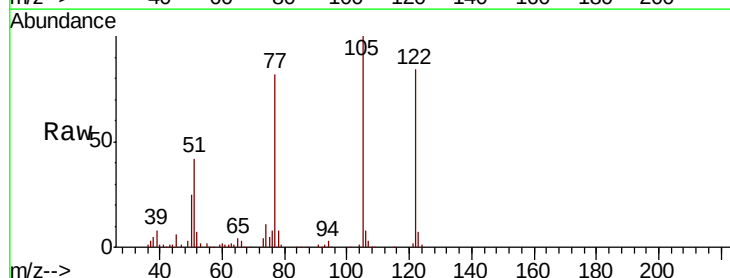
Tgt Ion:122 Resp: 316220

Ion Ratio Lower Upper

122 100

105 119.4 105.8 145.8

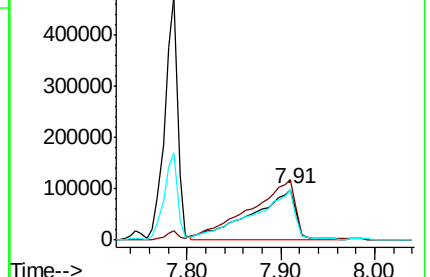
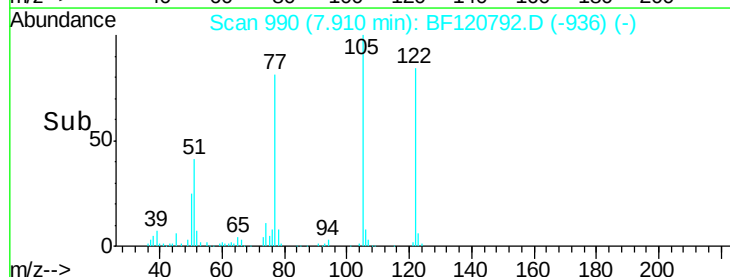
77 97.7 77.3 117.3

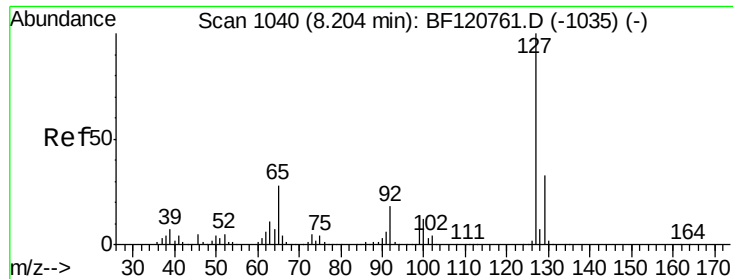


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

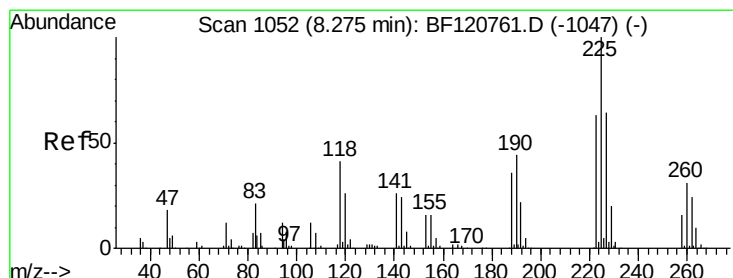
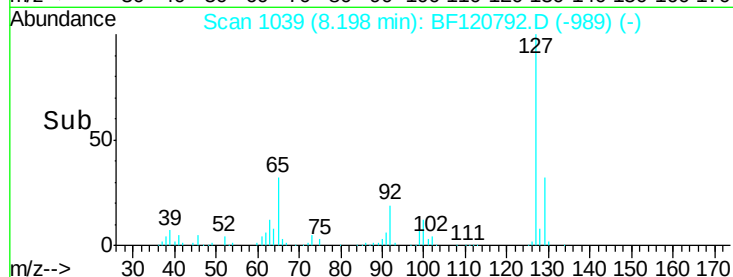
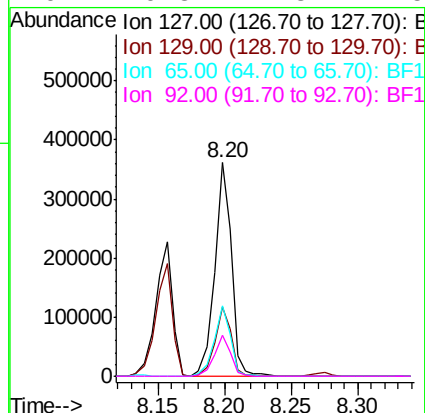
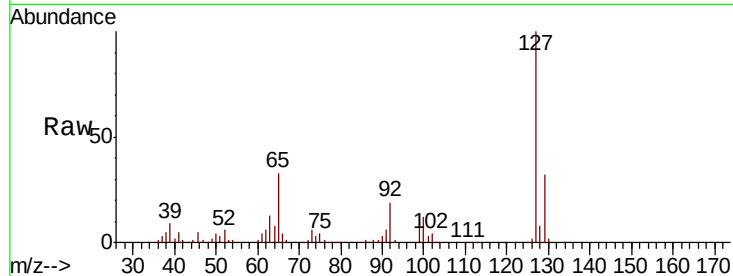




#33
4-Chloroaniline
Concen: 22.812 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

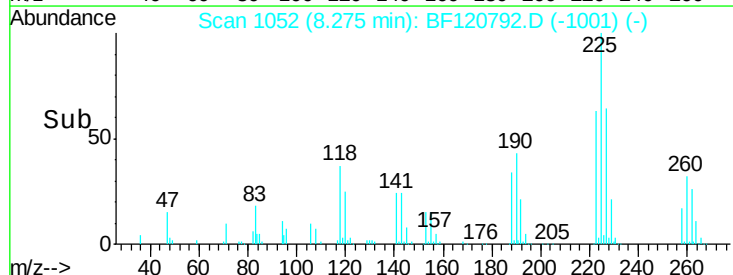
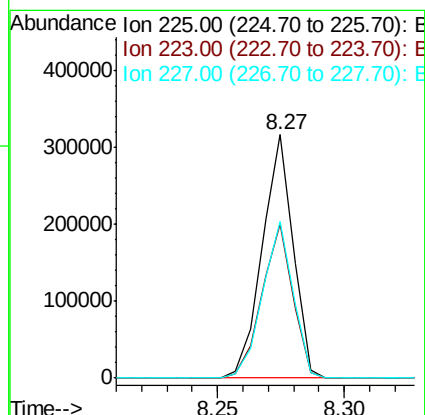
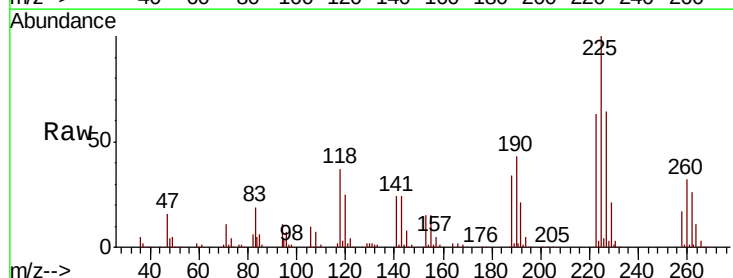
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

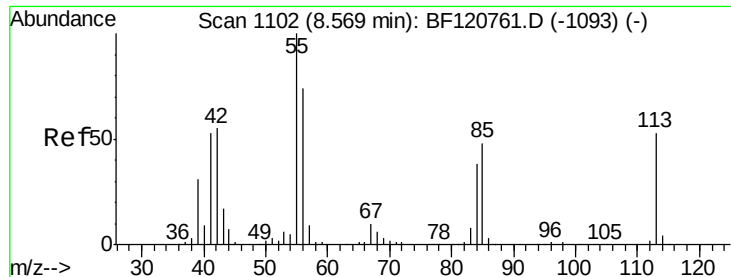
Tot Ion:	127	Resp:	319691
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	32.8	22.7	34.1
92	19.3	14.3	21.5



#34
Hexachlorobutadiene
Concen: 43.277 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion:	225	Resp:	267982
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.3	51.4	77.2

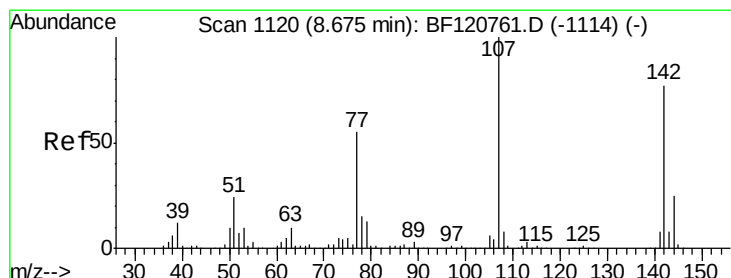
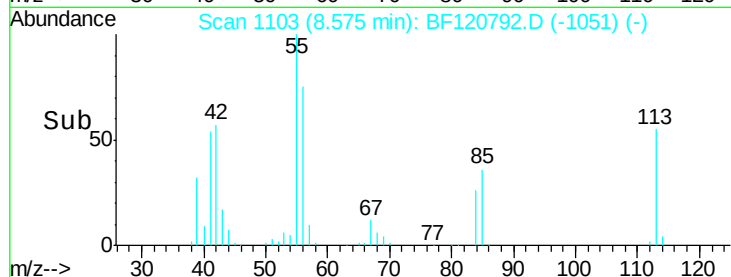
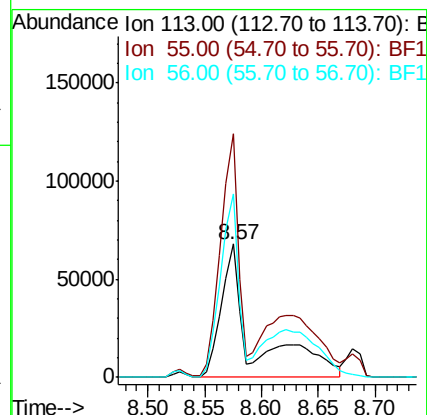
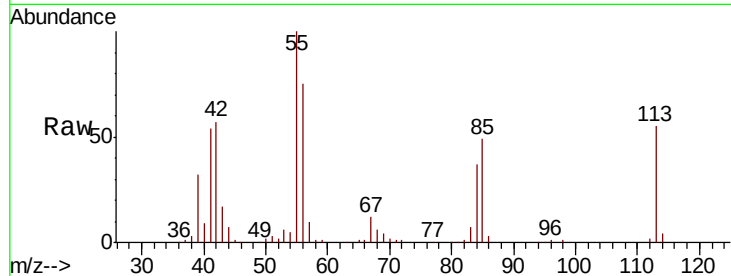




#35
Caprolactam
Concen: 49.492 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

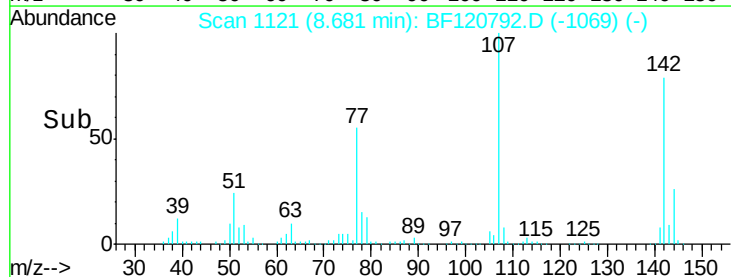
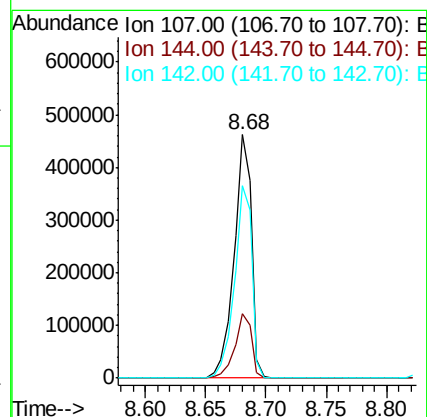
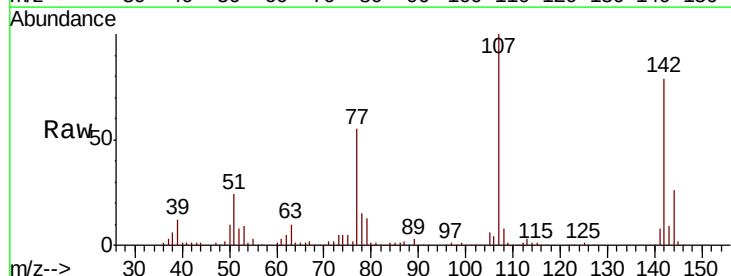
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

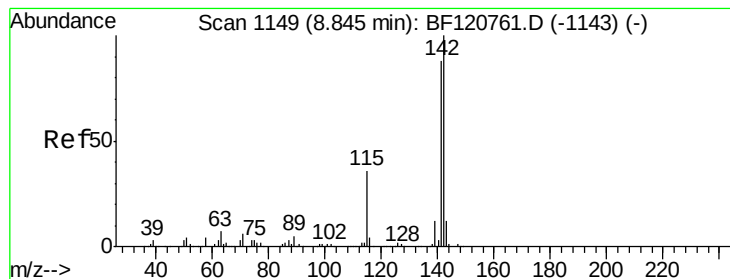
Tot Ion:113 Resp: 132196
Ion Ratio Lower Upper
113 100
55 183.0 168.3 208.3
56 137.5 118.8 158.8



#36
4-Chloro-3-methylphenol
Concen: 48.263 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion:107 Resp: 460204
Ion Ratio Lower Upper
107 100
144 26.2 19.7 29.5
142 78.9 61.2 91.8





#37

2-Methylnaphthalene

Concen: 46.476 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

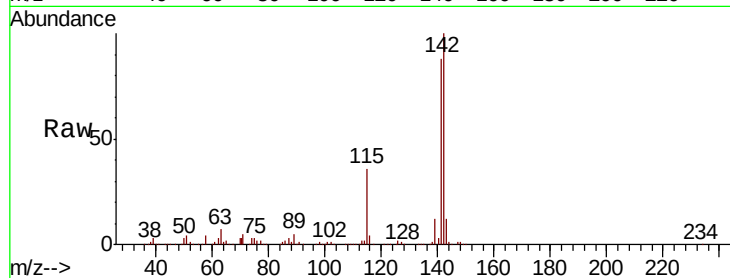
Tot Ion:142 Resp: 997792

Ion Ratio Lower Upper

142 100

141 88.1 70.2 105.4

115 36.3 29.0 43.4

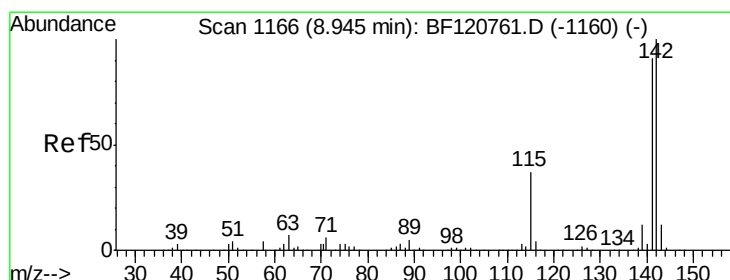
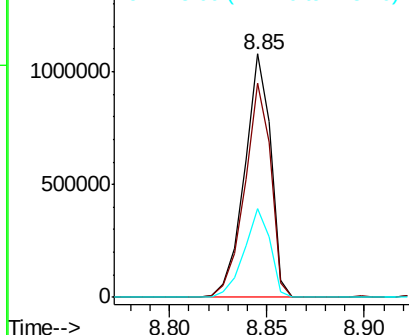
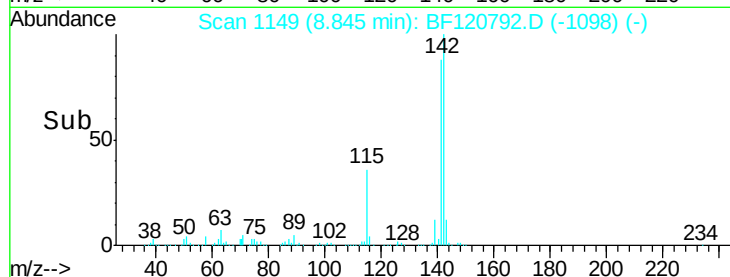


Abundance

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: 46.875 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

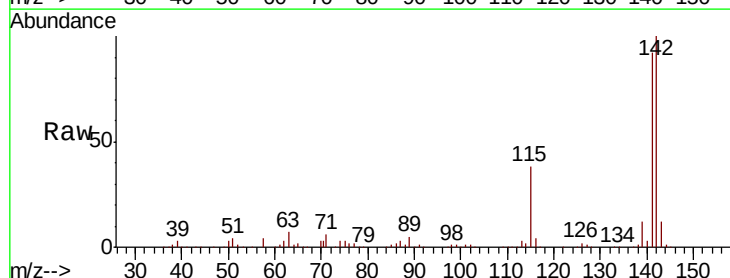
Tgt Ion:142 Resp: 942665

Ion Ratio Lower Upper

142 100

141 92.0 72.5 108.7

116 4.0 3.1 4.7

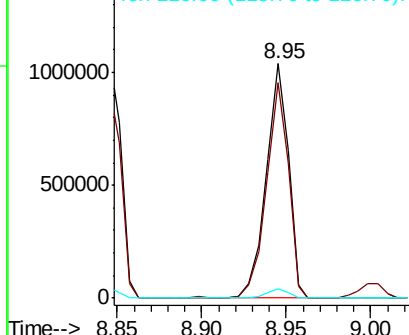
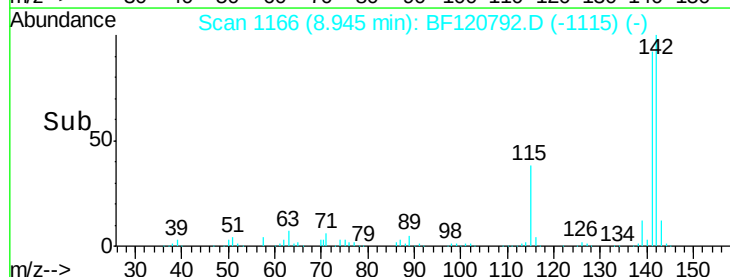


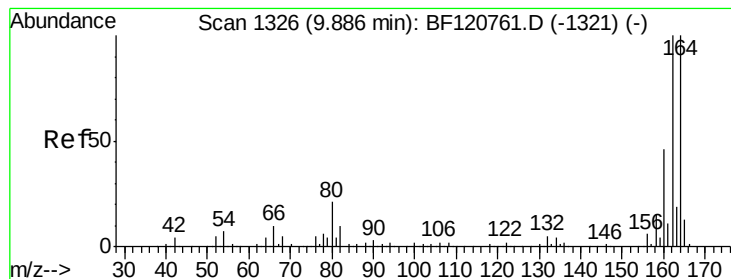
Abundance

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: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

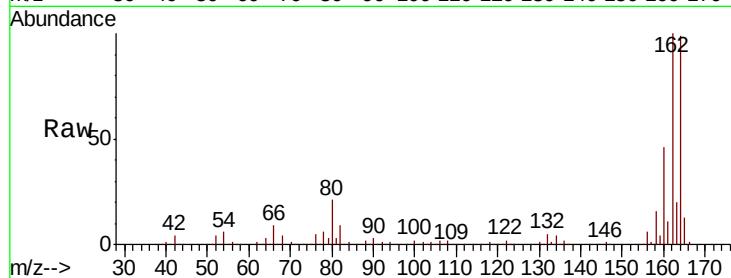
Tot Ion:164 Resp: 318868

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

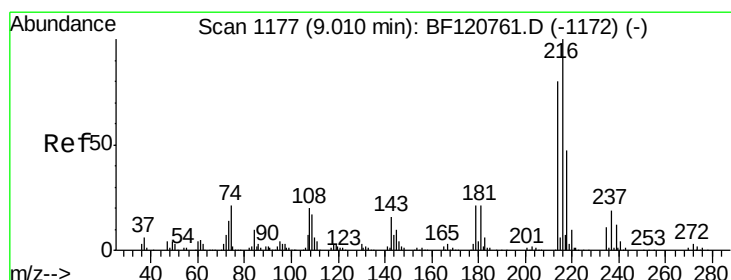
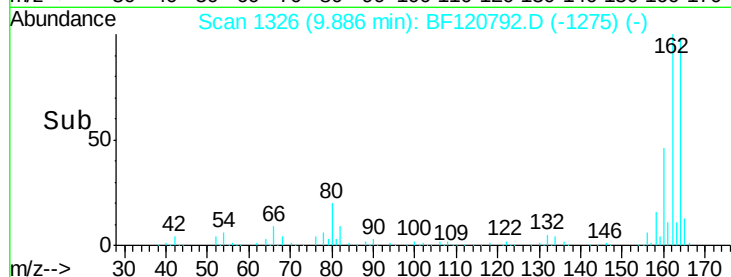
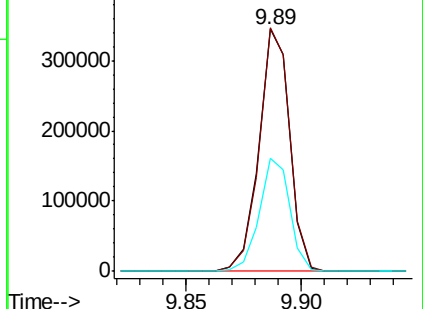
160 46.7 36.9 55.3



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: 43.316 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Tgt Ion:216 Resp: 417437

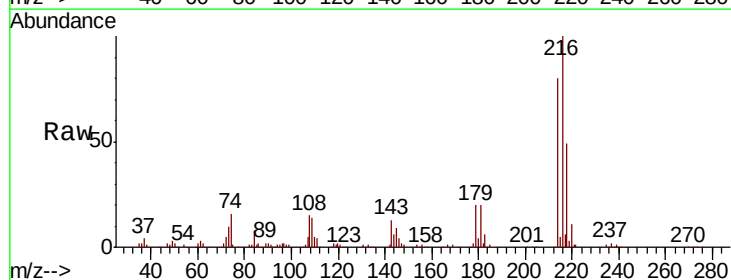
Ion Ratio Lower Upper

216 100

214 80.2 63.7 95.5

179 21.4 16.7 25.1

108 22.9 17.0 25.4

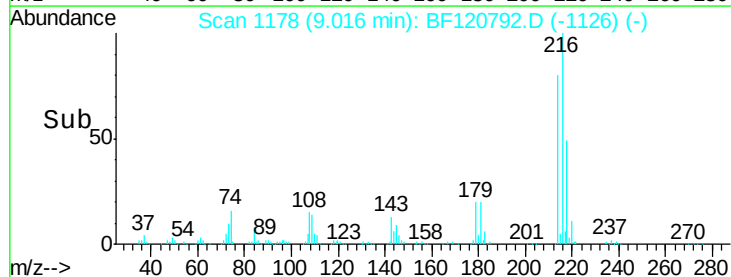
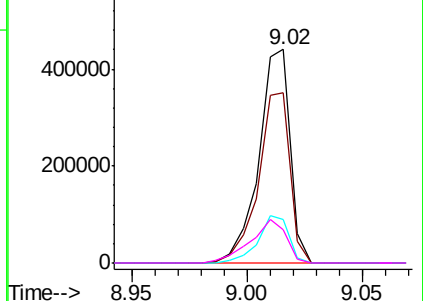


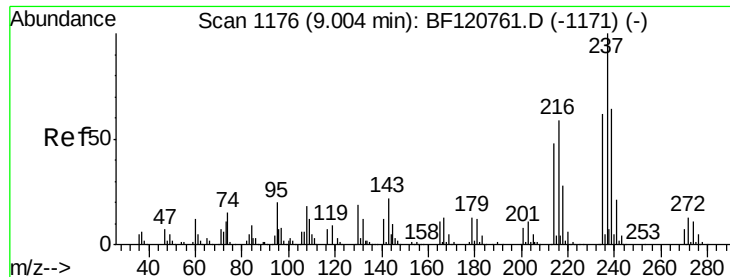
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.881 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

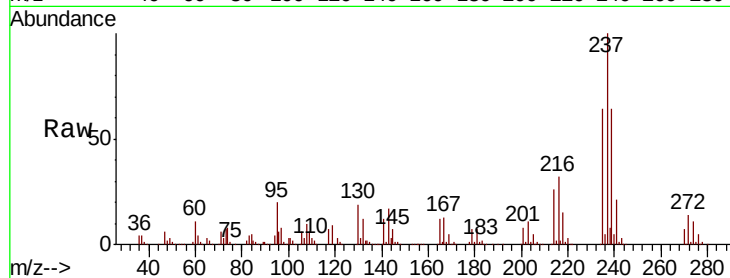
Tot Ion:237 Resp: 494689

Ion Ratio Lower Upper

237 100

235 64.0 42.1 82.1

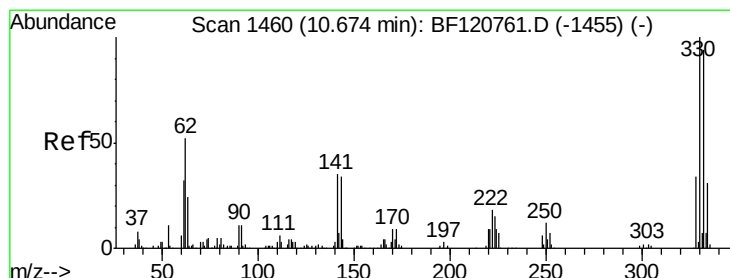
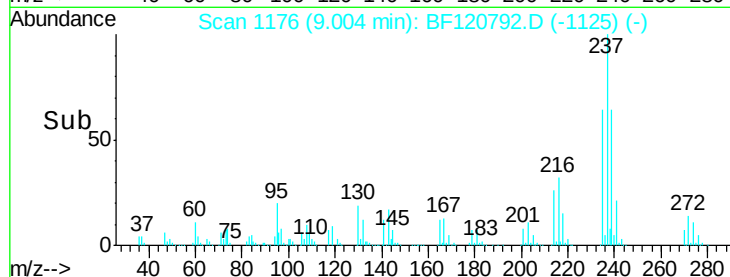
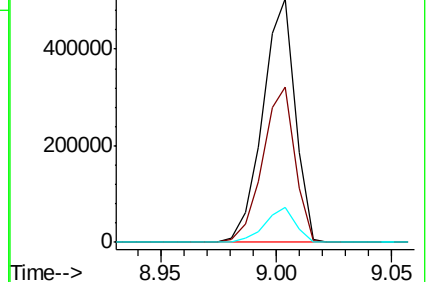
272 14.2 0.0 33.4



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: 105.752 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

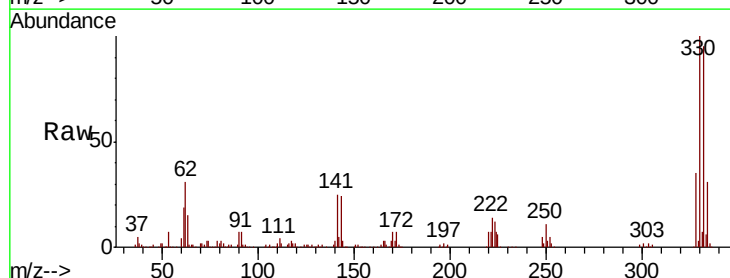
Tgt Ion:330 Resp: 338774

Ion Ratio Lower Upper

330 100

332 95.2 75.8 113.6

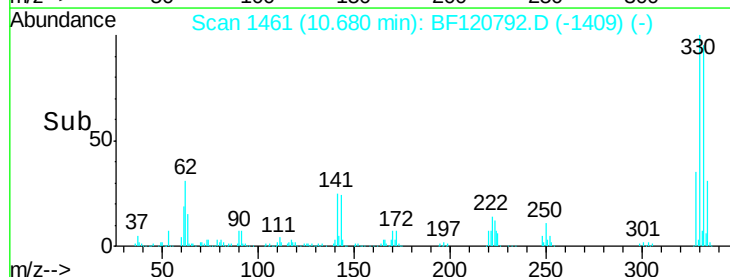
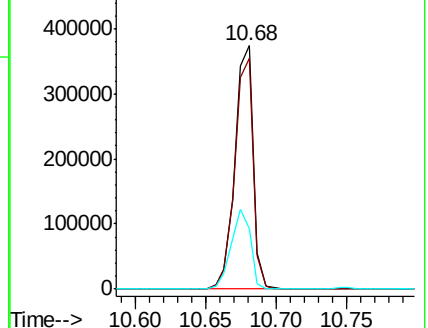
141 34.8 29.7 44.5

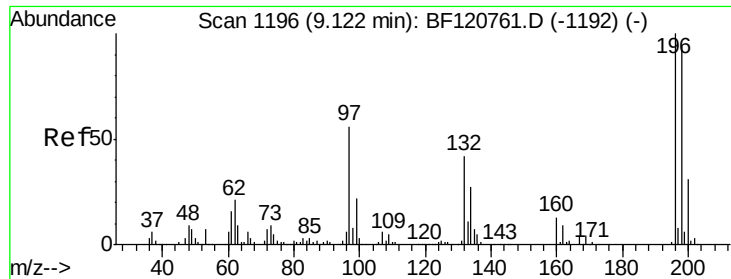


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

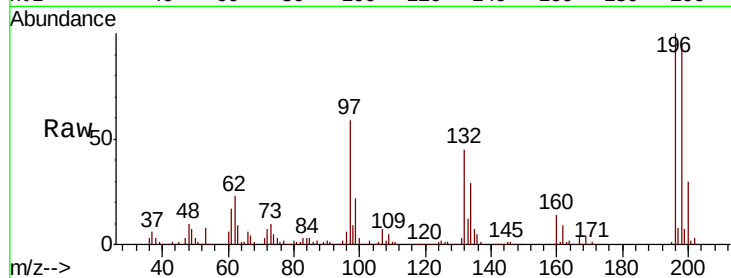




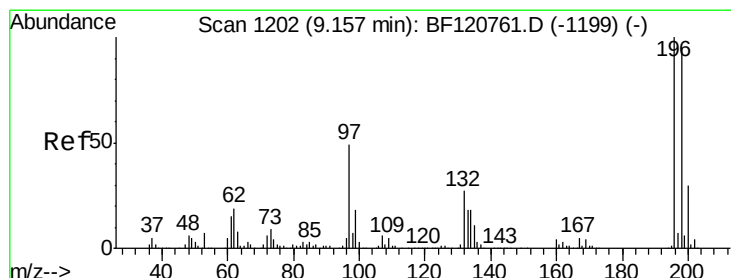
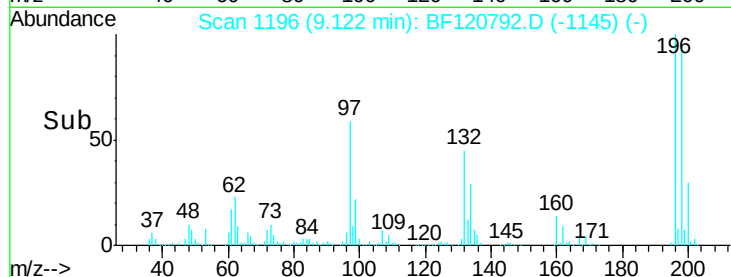
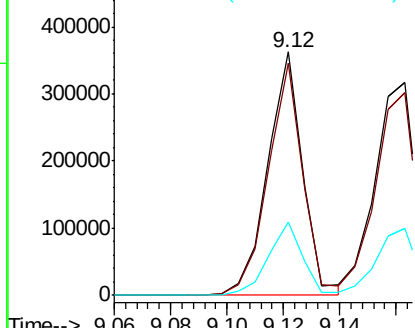
#43
 2,4,6-Trichlorophenol
 Concen: 47.403 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	196	Resp	311285
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.3	112.9
200	30.3	24.4	36.6



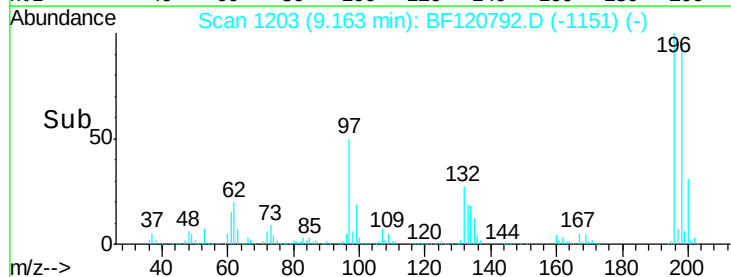
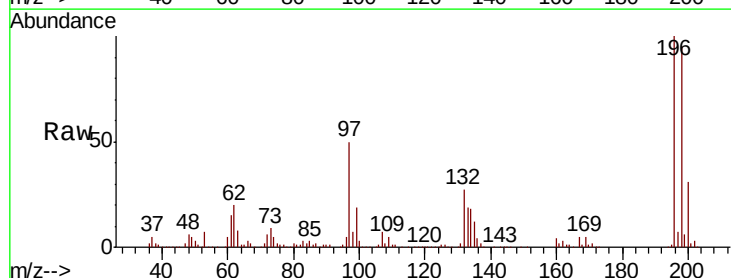
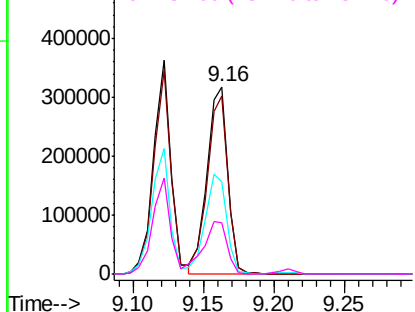
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

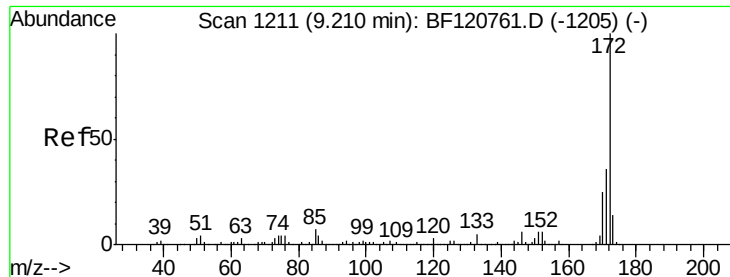


#44
 2,4,5-Trichlorophenol
 Concen: 44.418 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Tgt Ion	196	Resp	323700
Ion Ratio	Lower	Upper	
196	100		
198	95.1	76.2	114.2
97	49.7	39.6	59.4
132	27.4	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

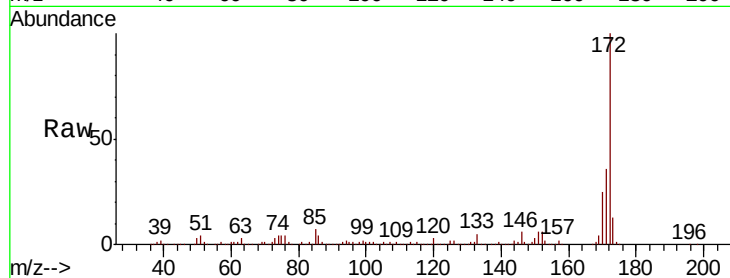




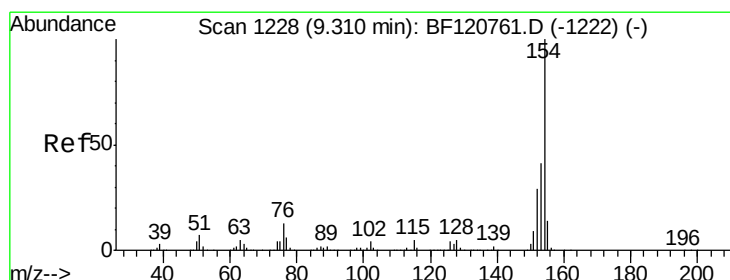
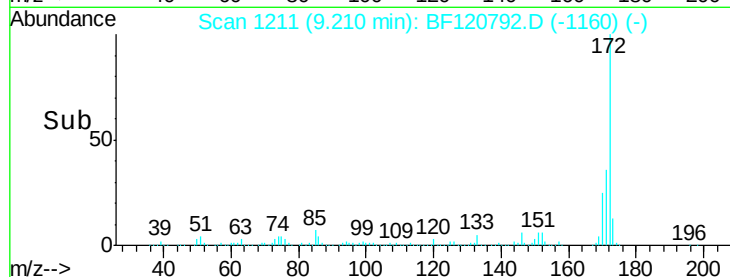
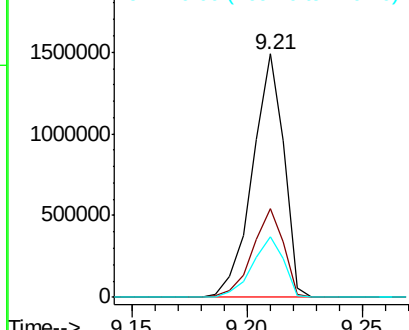
#45
2-Fluorobiphenyl
Concen: 66.748 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:172 Resp: 1406770
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 25.0 19.8 29.6

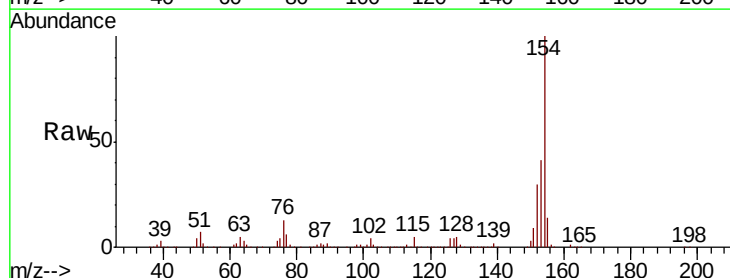


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

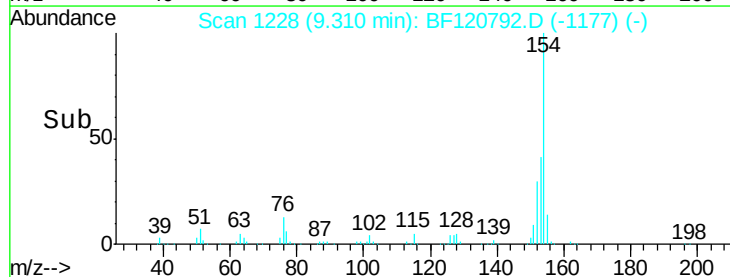
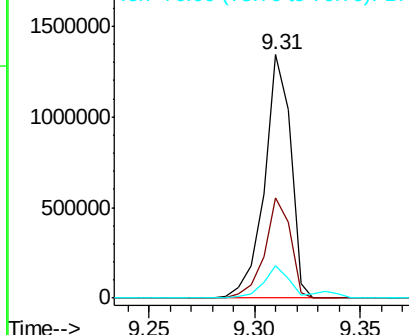


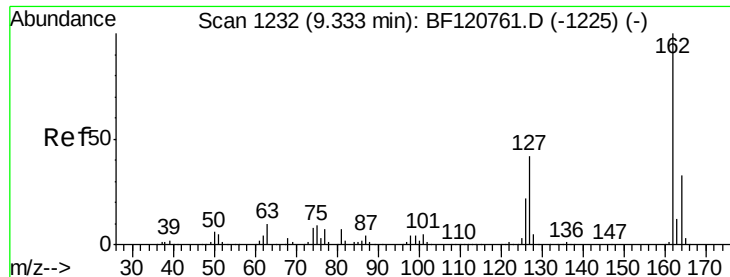
#46
1,1'-Biphenyl
Concen: 45.087 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion:154 Resp: 1159670
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 13.4 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

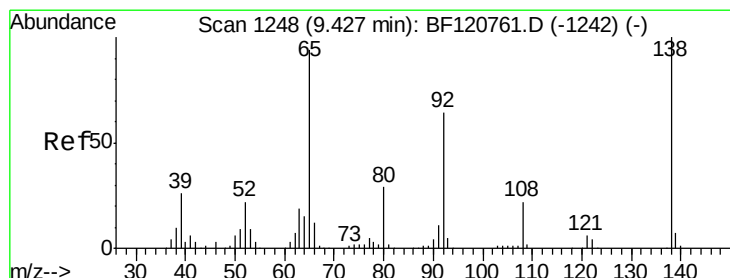
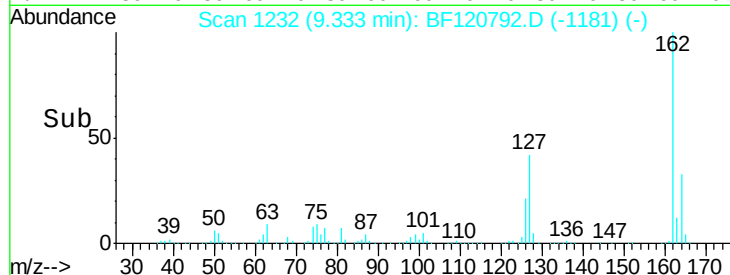
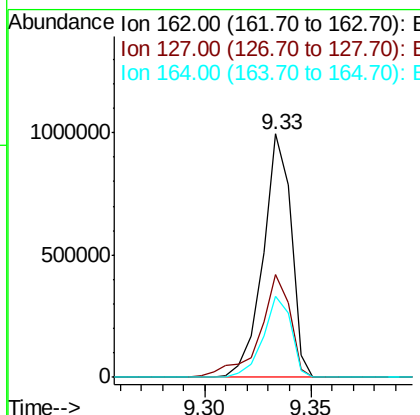
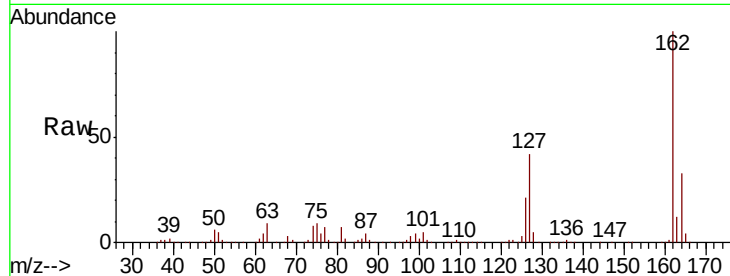




#47
 2-Chloronaphthalene
 Concen: 44.591 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

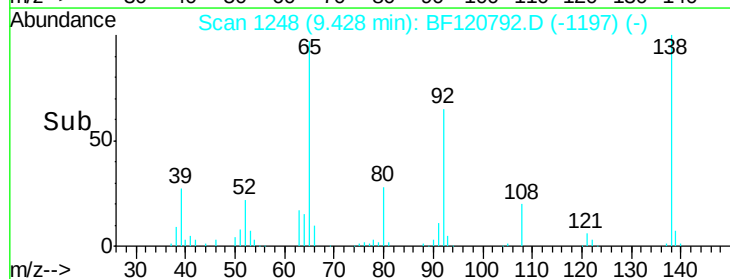
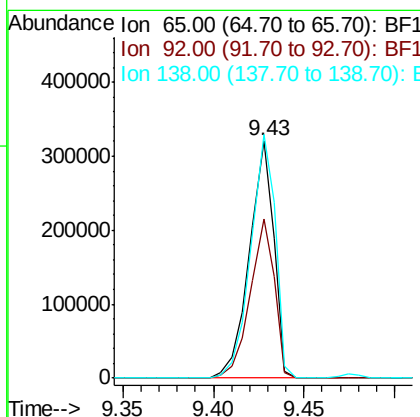
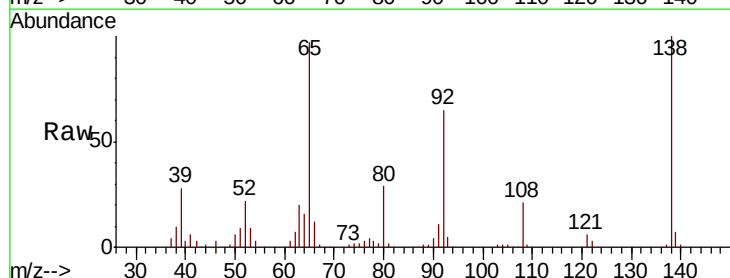
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

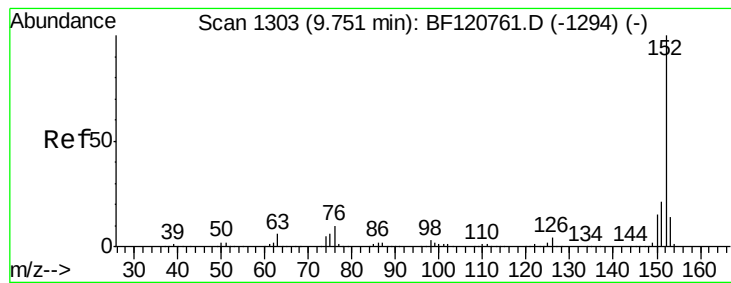
Tot Ion:162 Resp: 918821
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.7 50.5
 164 33.2 26.4 39.6



#48
 2-Nitroaniline
 Concen: 48.716 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Tgt Ion: 65 Resp: 300830
 Ion Ratio Lower Upper
 65 100
 92 66.9 54.4 81.6
 138 102.6 84.7 127.1





#49

Acenaphthylene

Concen: 44.563 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

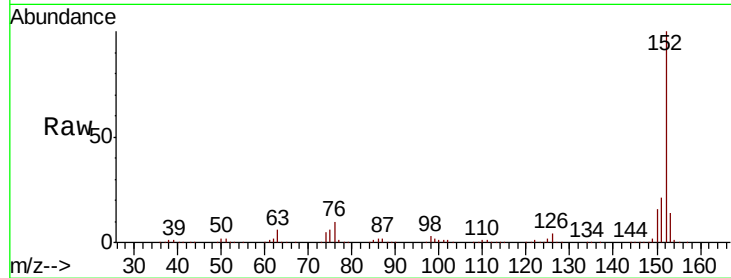
Tot Ion:152 Resp: 1439655

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	13.8	10.8	16.2

152 100

151 21.2 16.9 25.3

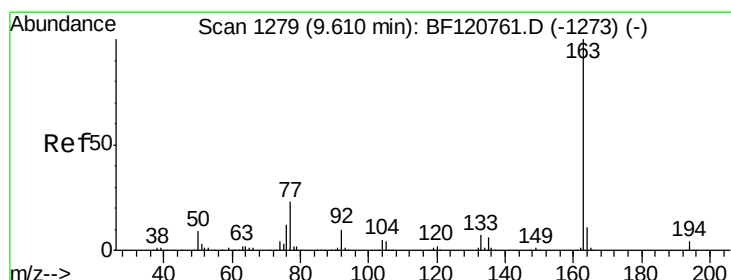
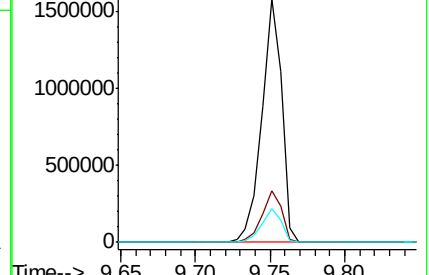
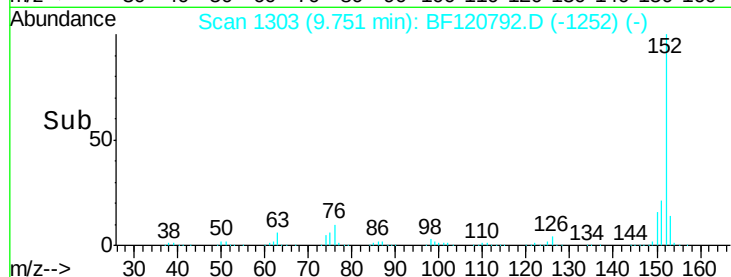
153 13.8 10.8 16.2



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: 52.984 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

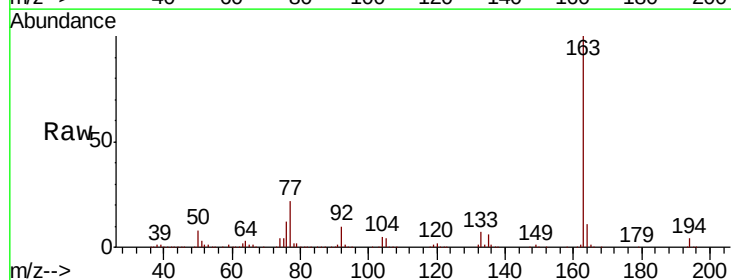
Tgt Ion:163 Resp: 1232447

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	10.7	8.5	12.7

163 100

194 4.0 2.9 4.3

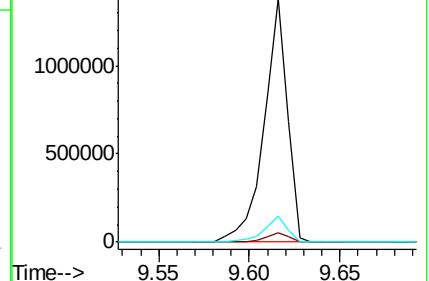
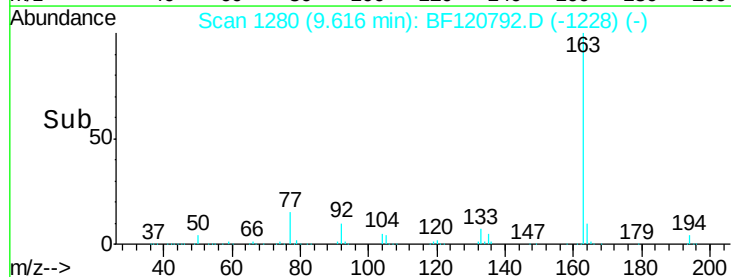
164 10.7 8.5 12.7

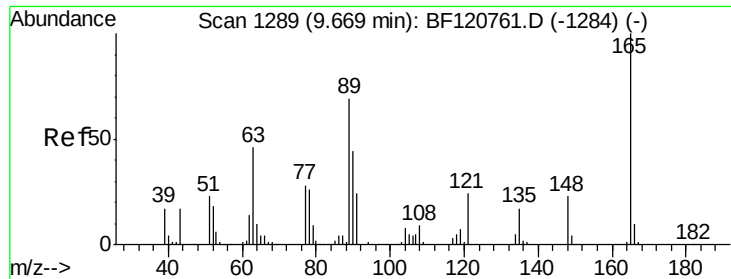


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

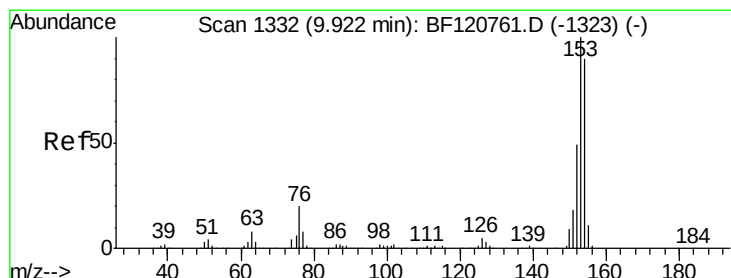
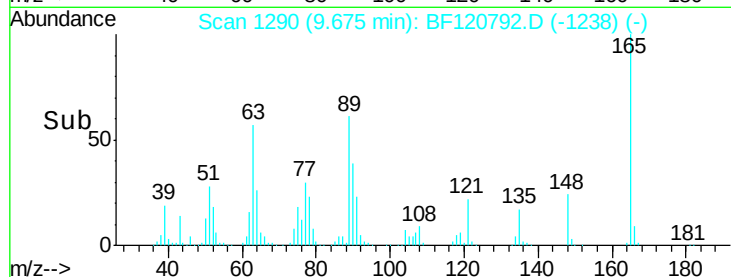
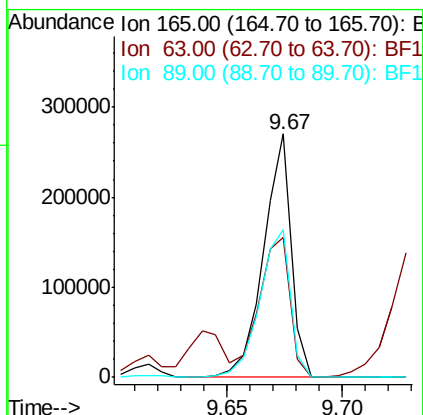
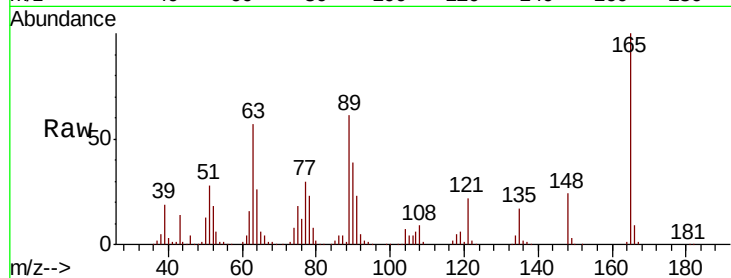




#51
 2,6-Dinitrotoluene
 Concen: 48.689 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

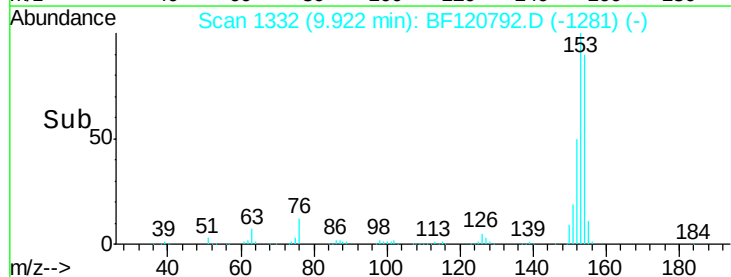
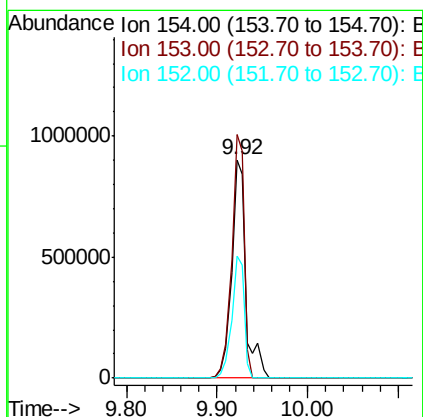
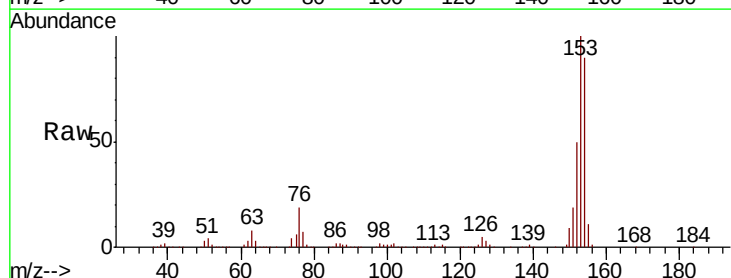
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

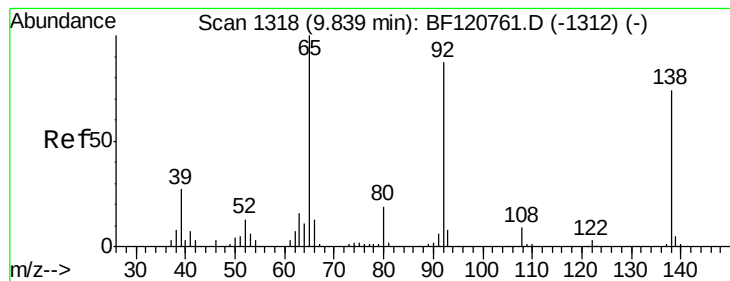
Tot Ion:	165	Resp:	225240
Ion	Ratio	Lower	Upper
165	100		
63	57.4	54.0	81.0
89	60.6	55.4	83.2



#52
 Acenaphthene
 Concen: 48.980 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Tgt Ion:	154	Resp:	981646
Ion	Ratio	Lower	Upper
154	100		
153	111.5	88.6	132.8
152	55.6	43.6	65.4





#53

3-Nitroaniline

Concen: 28.260 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

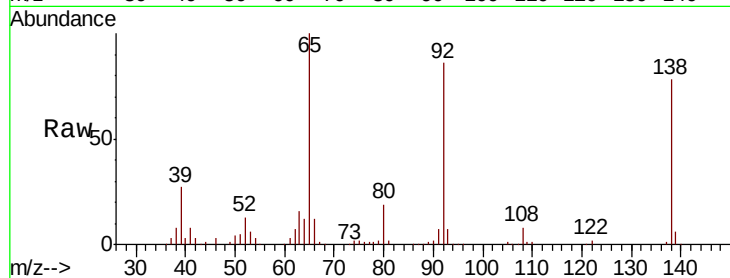
Tot Ion:138 Resp: 154947

Ion Ratio Lower Upper

138 100

108 9.9 9.8 14.6

92 110.6 93.4 140.2

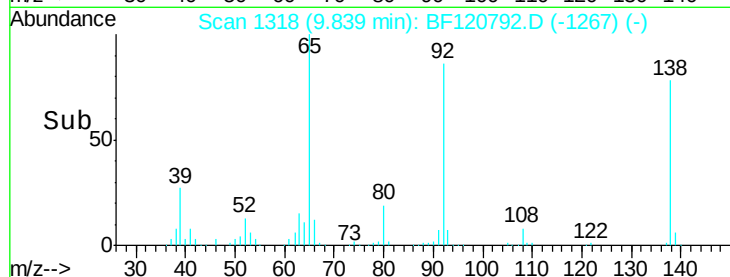


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

Time-->



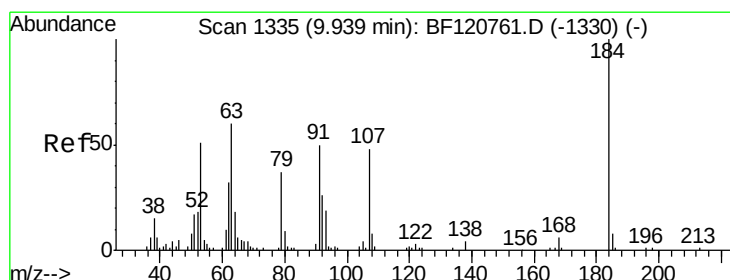
Abundance

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

Time-->



#54

2,4-Dinitrophenol

Concen: 94.261 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

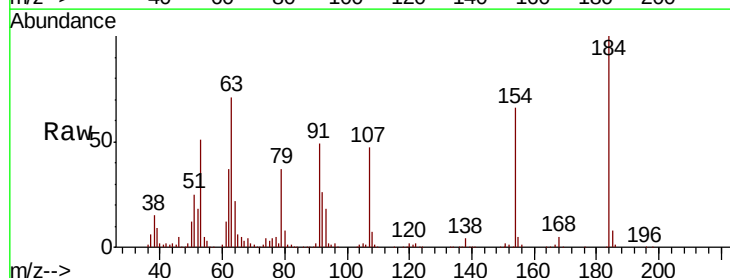
Tgt Ion:184 Resp: 174943

Ion Ratio Lower Upper

184 100

63 70.6 57.3 85.9

154 66.5 55.8 83.6

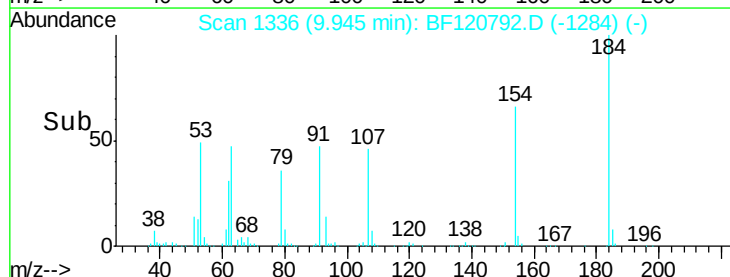


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

Time-->



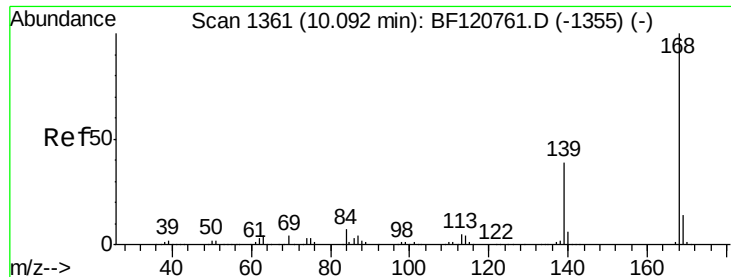
Abundance

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

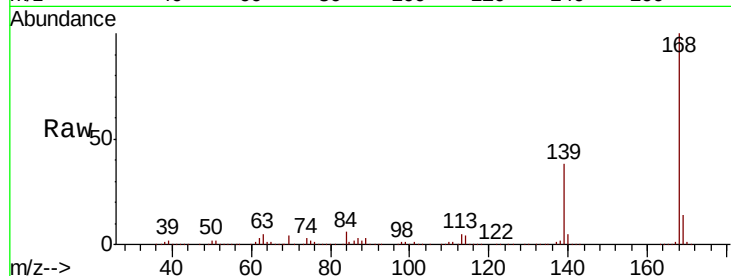
Time-->



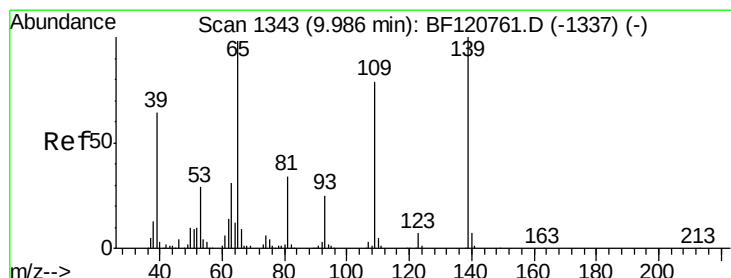
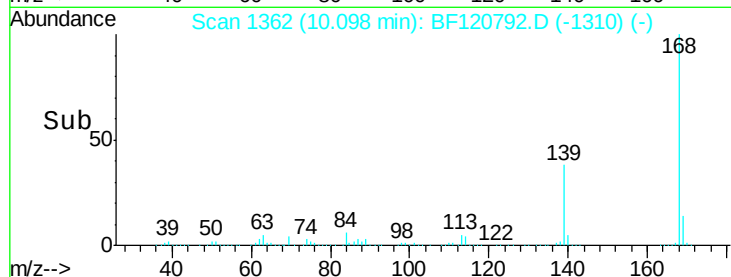
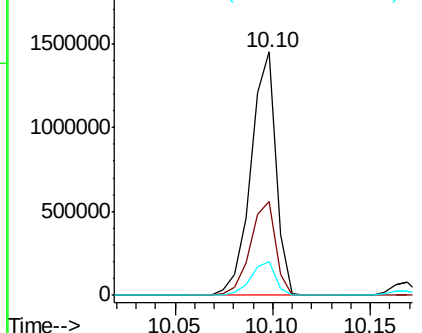
#55
Dibenzenofuran
Concen: 44.480 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:168 Resp: 1285002
Ion Ratio Lower Upper
168 100
139 38.4 31.3 46.9
169 13.9 11.2 16.8

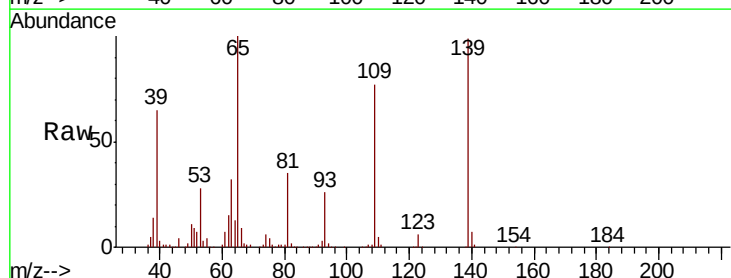


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

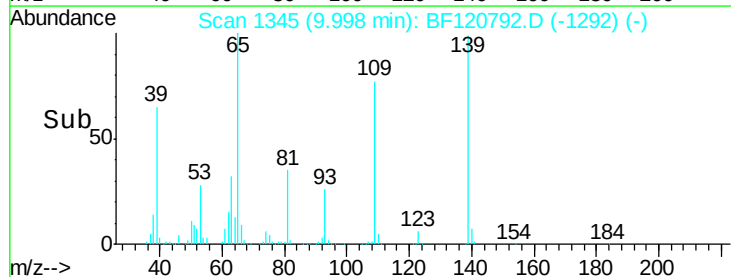
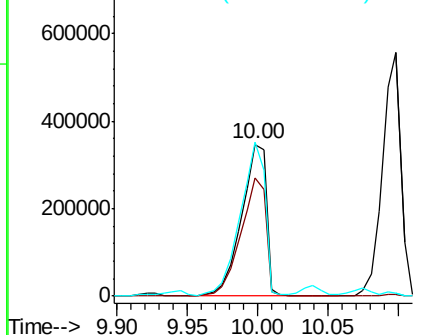


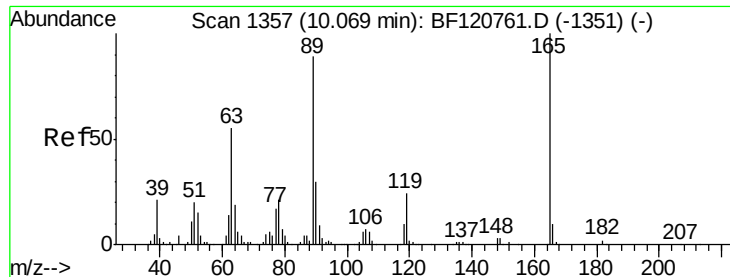
#56
4-Nitrophenol
Concen: 98.821 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion:139 Resp: 423711
Ion Ratio Lower Upper
139 100
109 78.2 58.6 98.6
65 101.5 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: 51.933 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:165 Resp: 300600

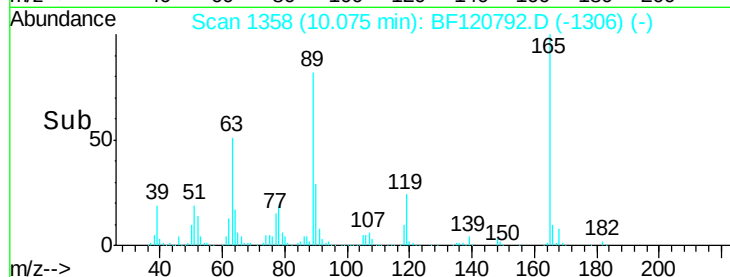
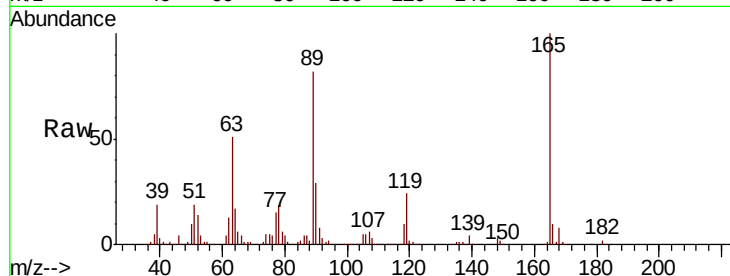
Ion Ratio Lower Upper

165 100

63 50.8 43.8 65.8

89 82.5 71.4 107.2

182 2.3 1.8 2.6

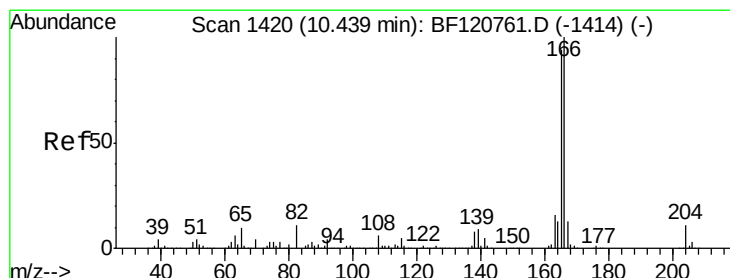
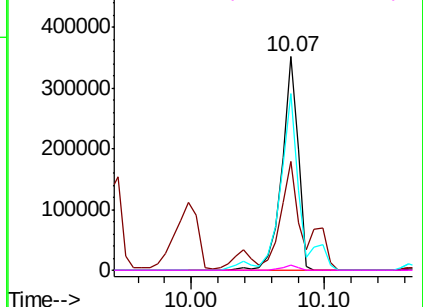


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.180 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

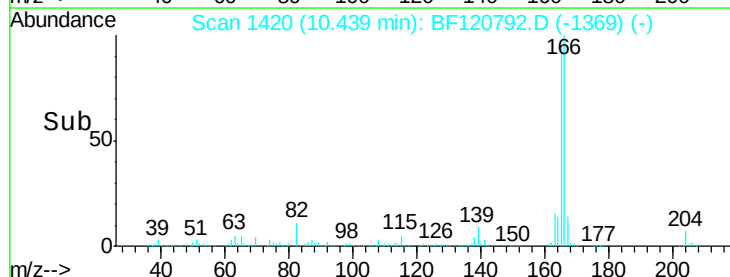
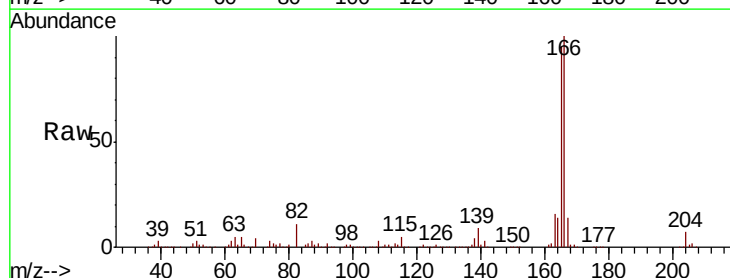
Tgt Ion:166 Resp: 950011

Ion Ratio Lower Upper

166 100

165 95.2 75.5 113.3

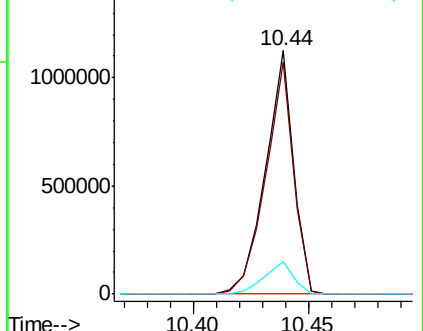
167 13.6 10.6 16.0

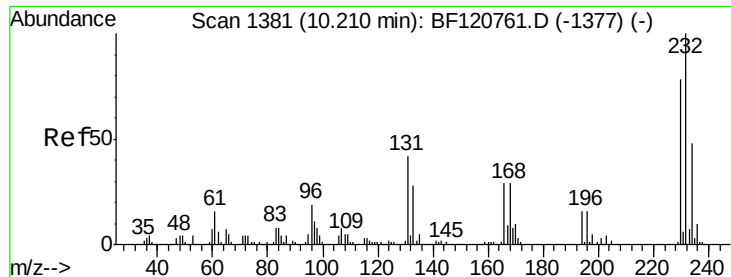


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

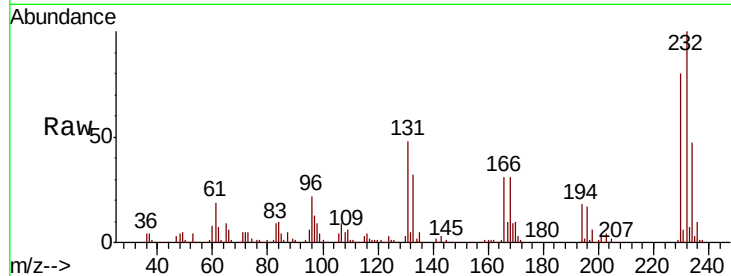




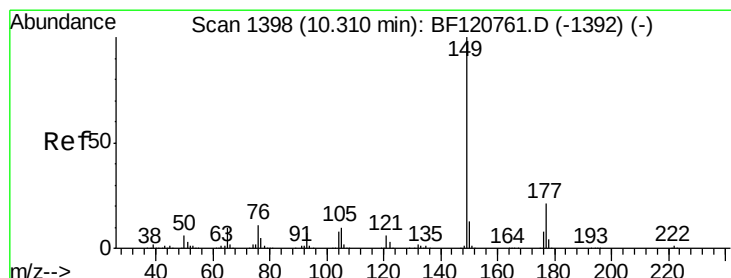
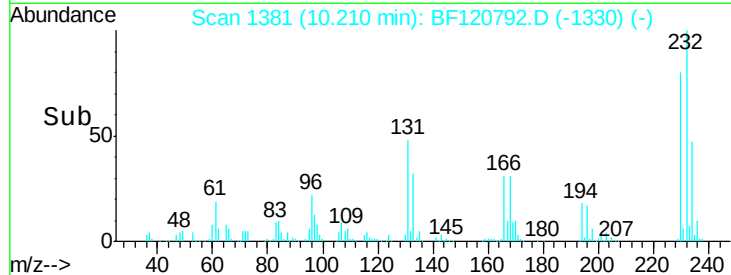
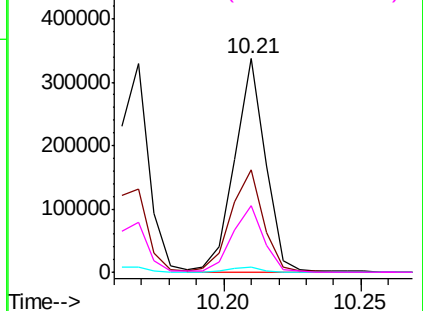
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.330 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:232 Resp: 267524
 Ion Ratio Lower Upper
 232 100
 131 45.1 36.3 54.5
 130 2.6 2.0 3.0
 166 25.3 20.9 31.3

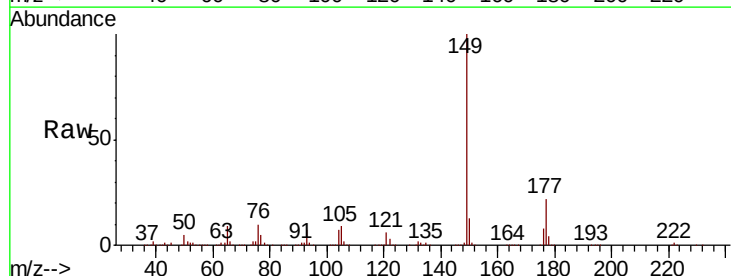


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

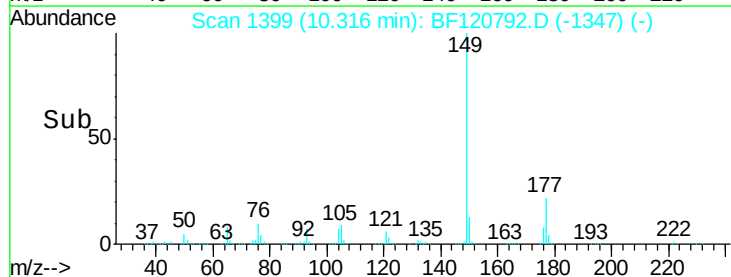
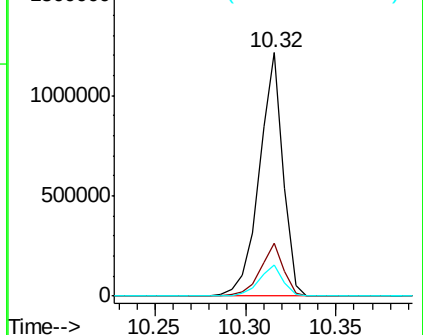


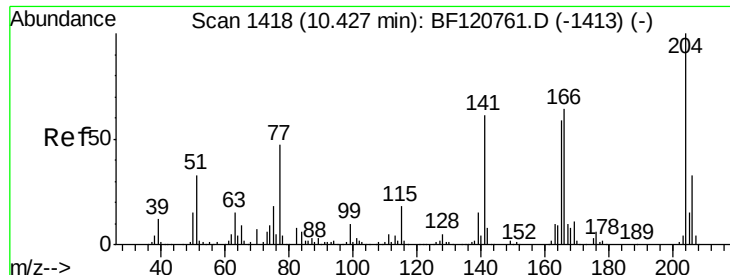
#60
 Diethylphthalate
 Concen: 45.150 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Tgt Ion:149 Resp: 1094036
 Ion Ratio Lower Upper
 149 100
 177 21.8 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

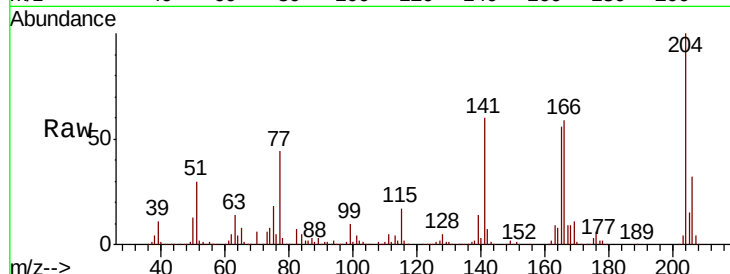




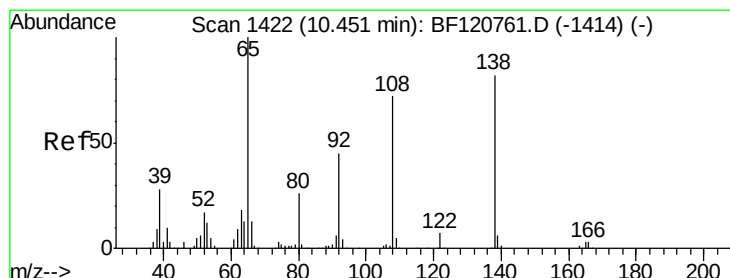
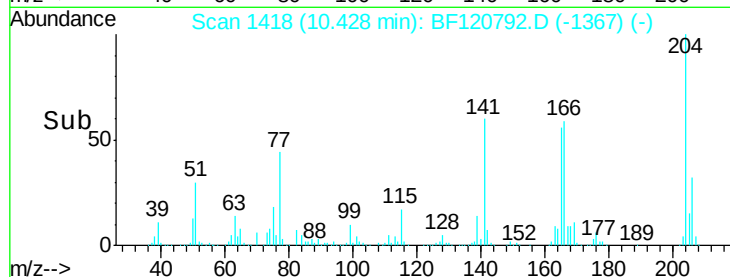
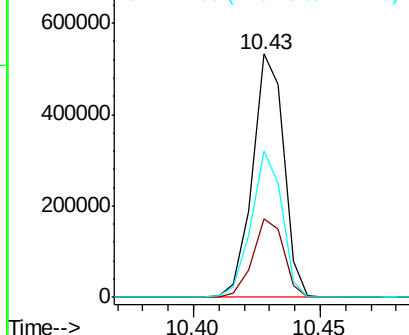
#61
4-Chlorophenyl-phenylether
Concen: 42.461 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:204 Resp: 458989
Ion Ratio Lower Upper
204 100
206 32.0 26.7 40.1
141 60.4 48.5 72.7

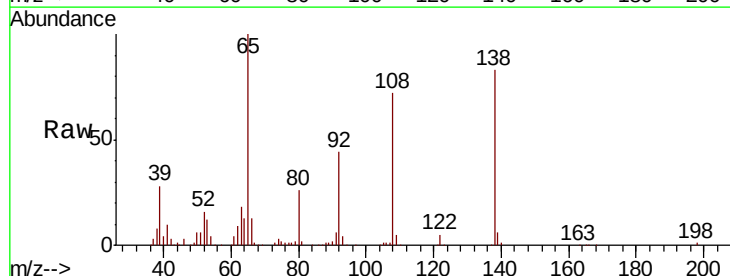


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

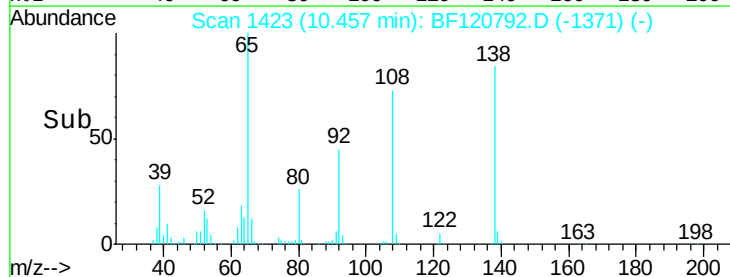
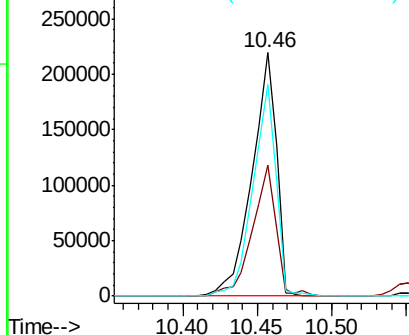


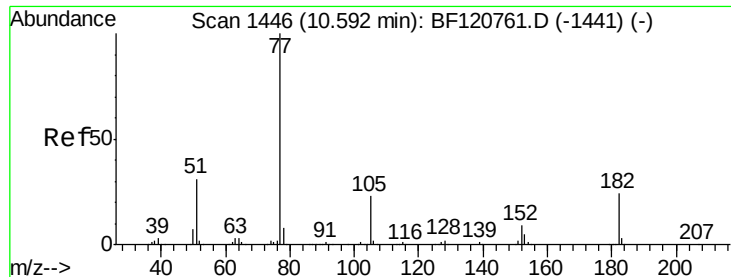
#62
4-Nitroaniline
Concen: 50.229 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion:138 Resp: 248240
Ion Ratio Lower Upper
138 100
92 53.6 34.3 74.3
108 87.1 68.3 108.3



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

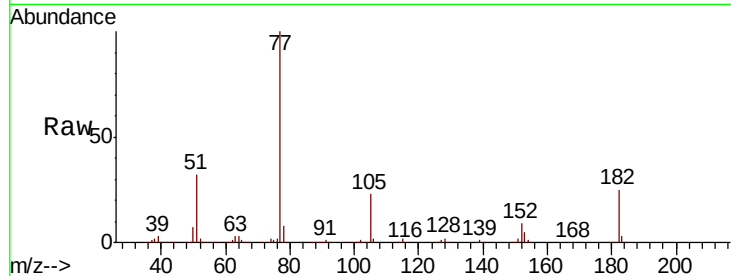




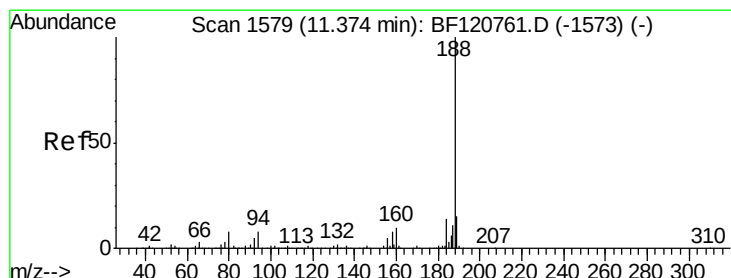
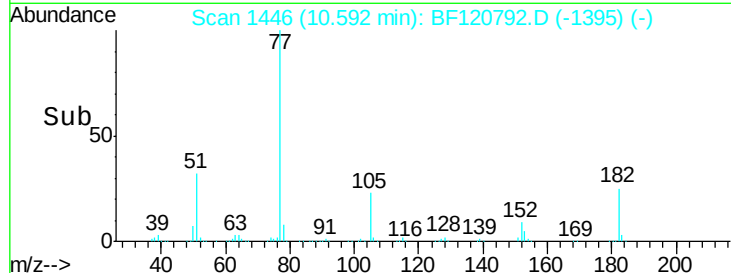
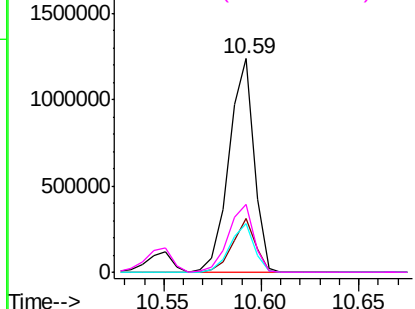
#63
Azobenzene
Concen: 44.377 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion: 77 Resp: 1099971
Ion Ratio Lower Upper
77 100
182 25.0 4.0 44.0
105 23.1 2.6 42.6
51 31.7 11.5 51.5

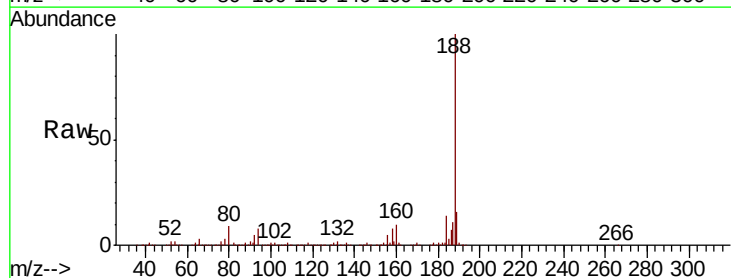


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

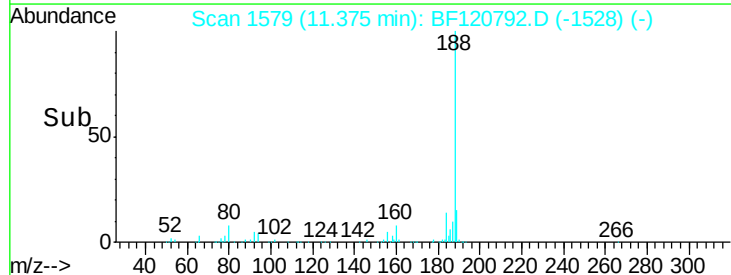
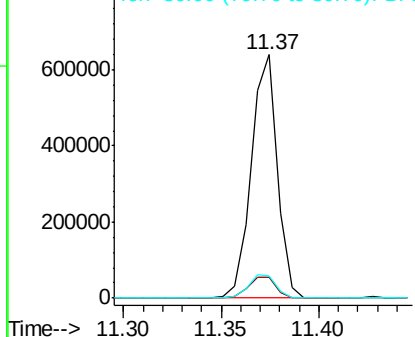


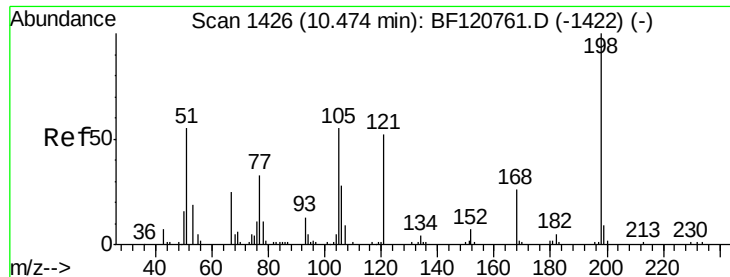
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion: 188 Resp: 588452
Ion Ratio Lower Upper
188 100
94 8.5 6.6 9.8
80 9.0 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

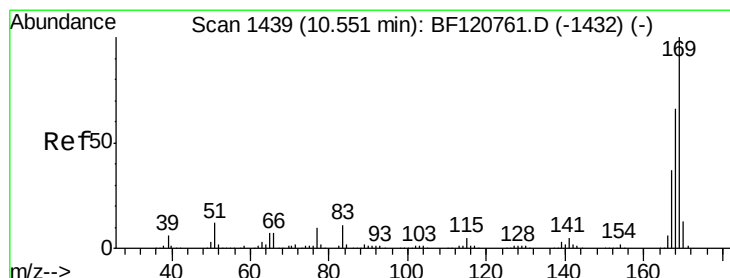
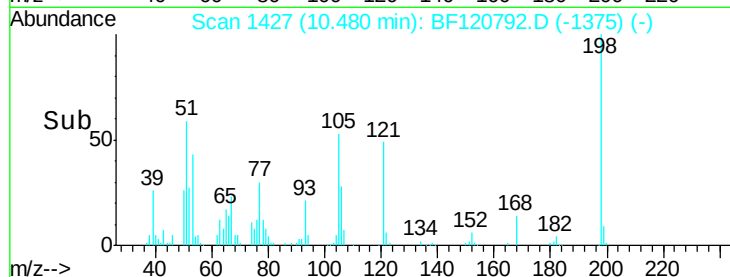
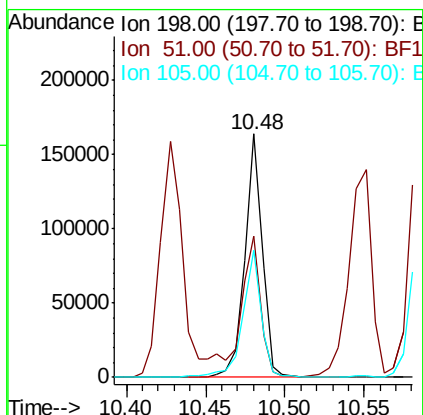
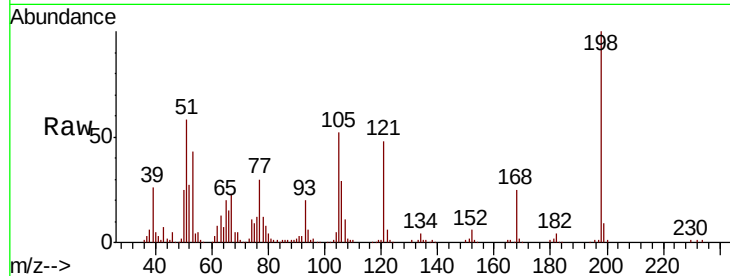




#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.037 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

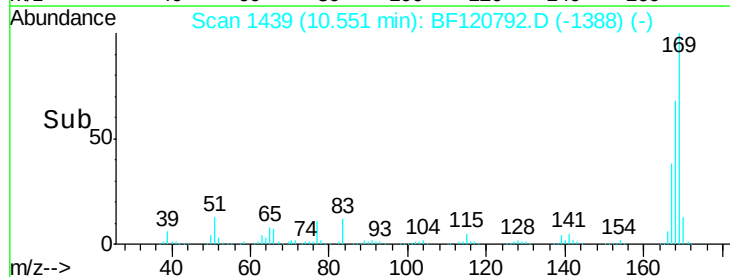
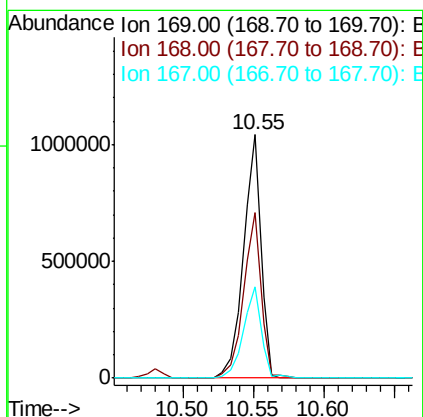
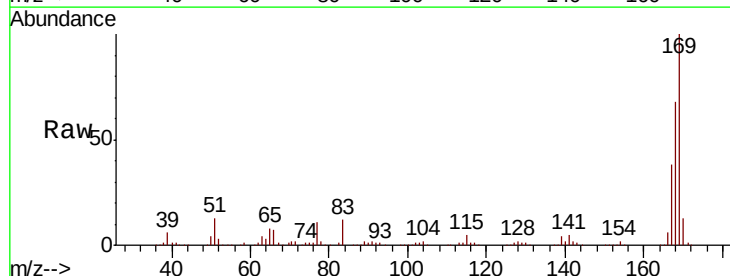
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

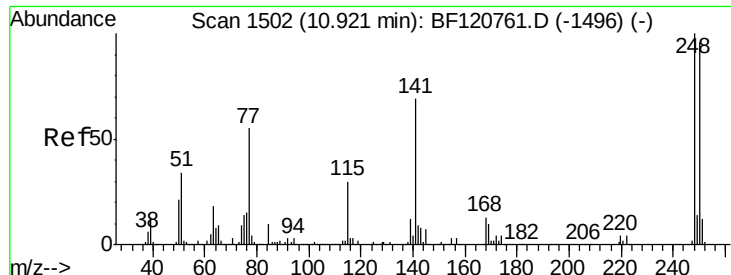
Tot Ion	Ratio	Lower	Upper
198	100		
51	58.0	50.0	90.0
105	52.0	38.3	78.3



#66
 n-Nitrosodiphenylamine
 Concen: 45.566 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.1	79.7
167	37.6	29.6	44.4

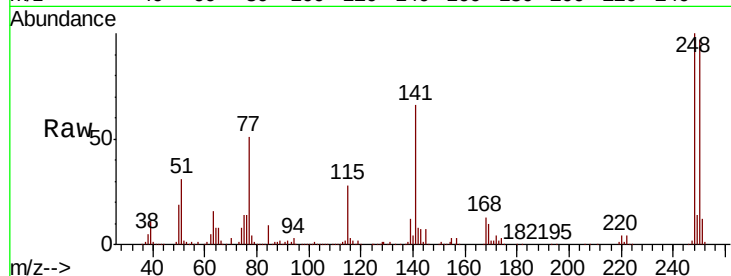




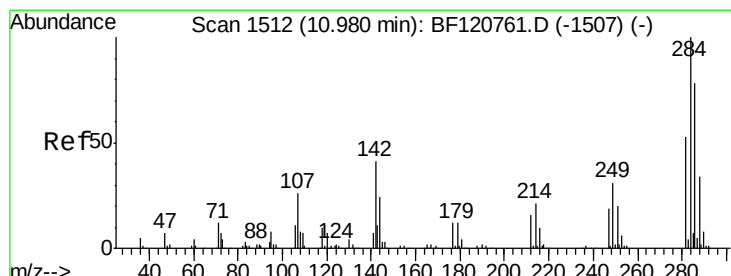
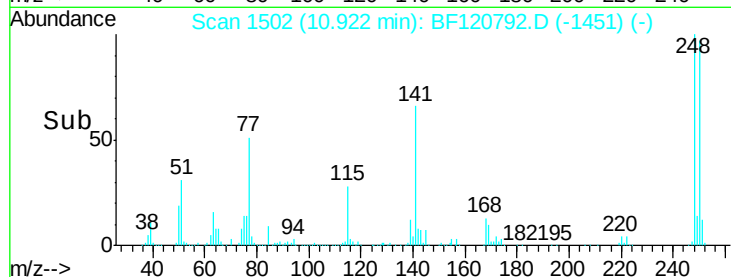
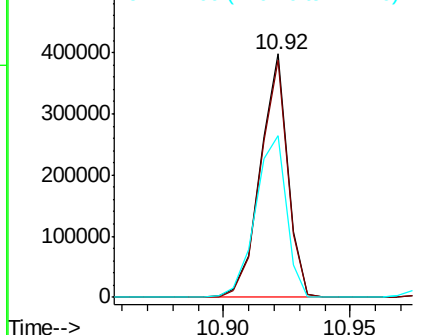
#67
4-Bromophenyl-phenylether
Concen: 44.073 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:248 Resp: 300845
Ion Ratio Lower Upper
248 100
250 97.3 76.5 114.7
141 66.5 54.9 82.3

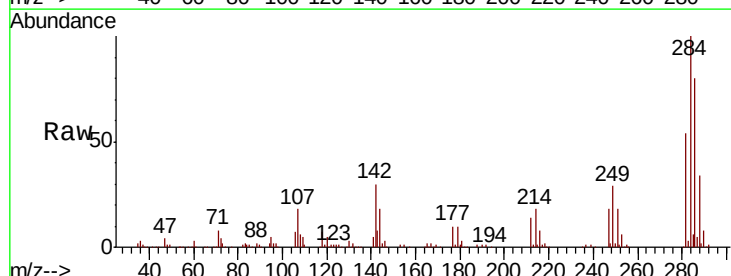


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

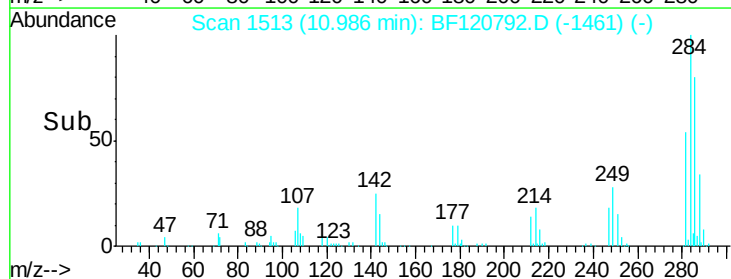
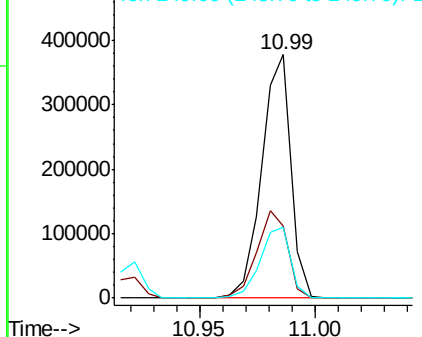


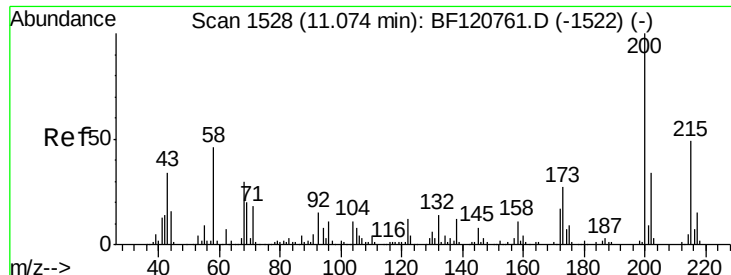
#68
Hexachlorobenzene
Concen: 46.319 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion:284 Resp: 331783
Ion Ratio Lower Upper
284 100
142 29.5 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

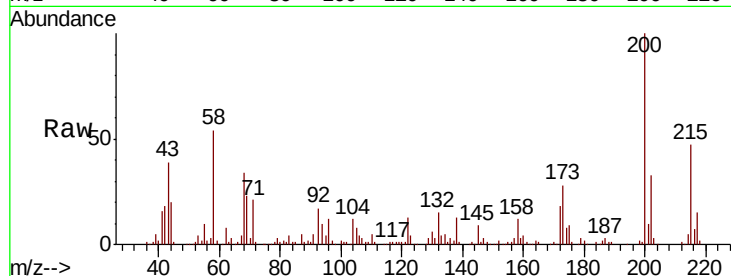




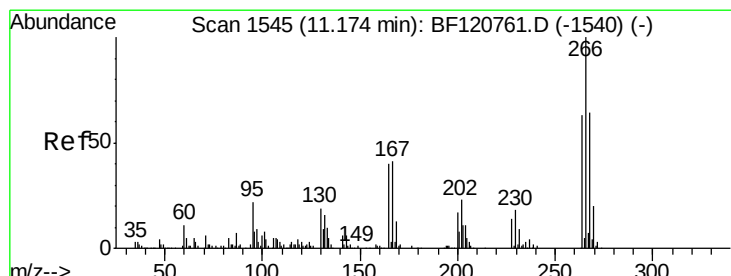
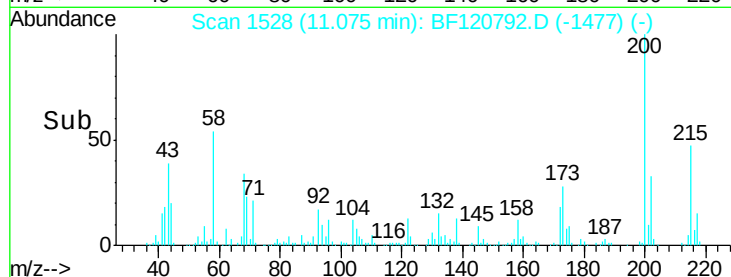
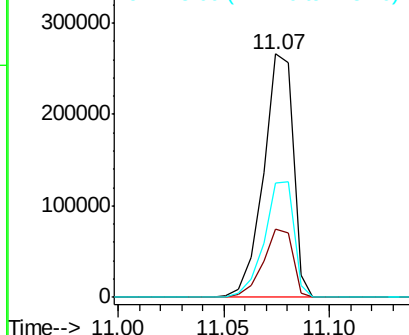
#69
Atrazine
Concen: 51.452 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:200 Resp: 261440
Ion Ratio Lower Upper
200 100
173 28.1 7.4 47.4
215 47.2 28.8 68.8

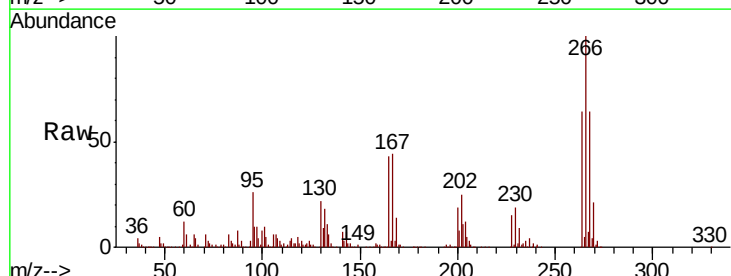


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

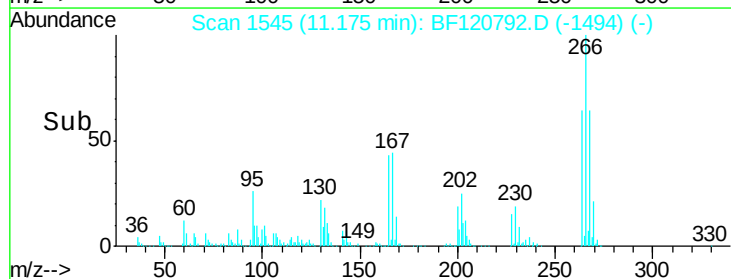
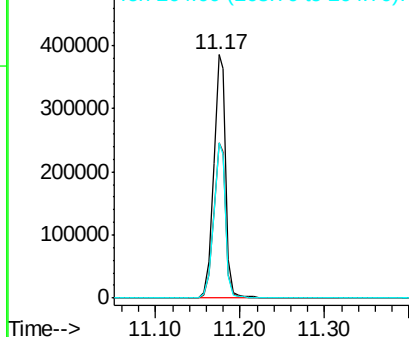


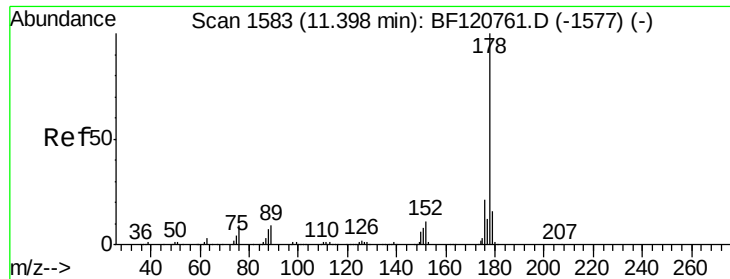
#70
Pentachlorophenol
Concen: 97.981 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion:266 Resp: 397080
Ion Ratio Lower Upper
266 100
268 63.7 51.4 77.2
264 63.7 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: 45.261 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

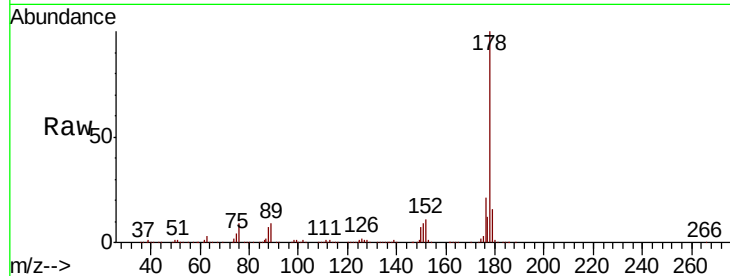
Tot Ion:178 Resp: 1445122

Ion Ratio Lower Upper

178 100

176 20.9 16.4 24.6

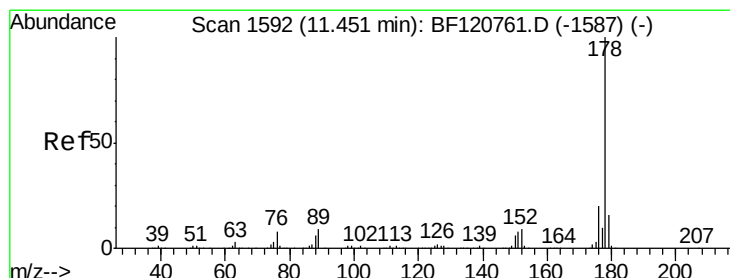
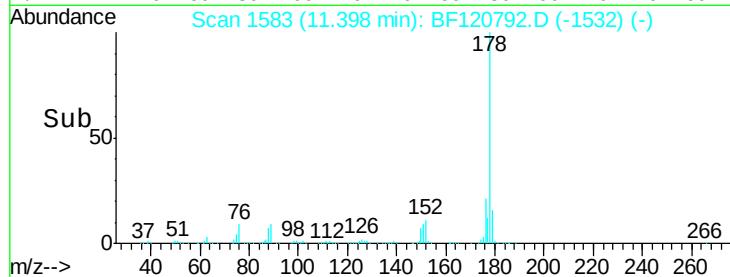
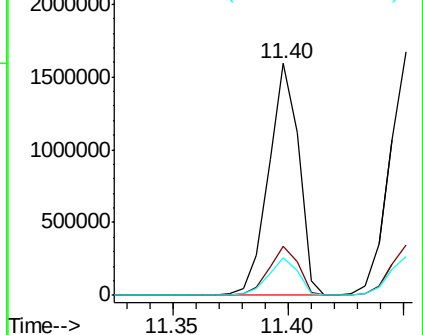
179 16.3 12.9 19.3



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: 45.782 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

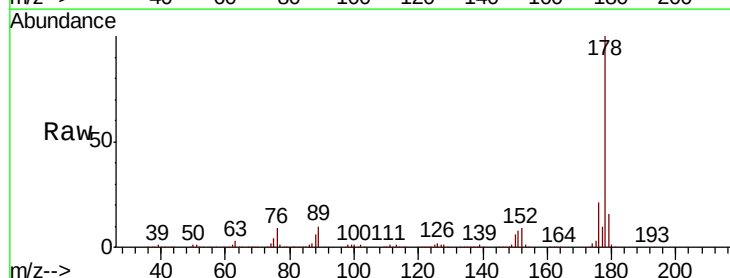
Tgt Ion:178 Resp: 1477108

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.2

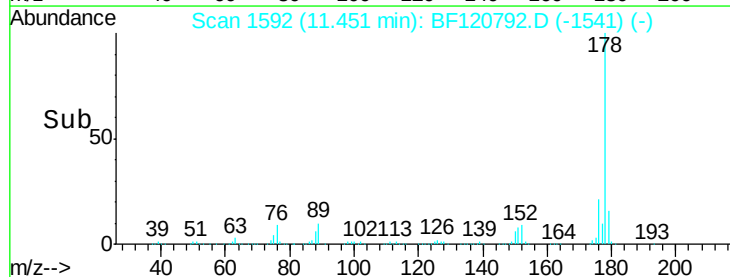
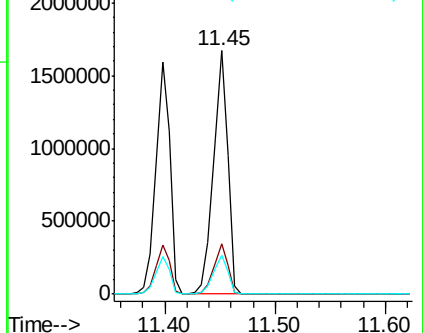
179 16.2 12.7 19.1

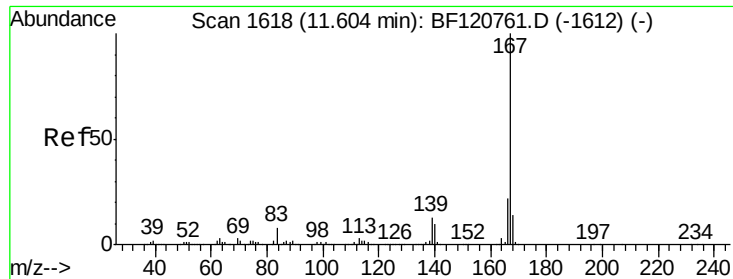


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



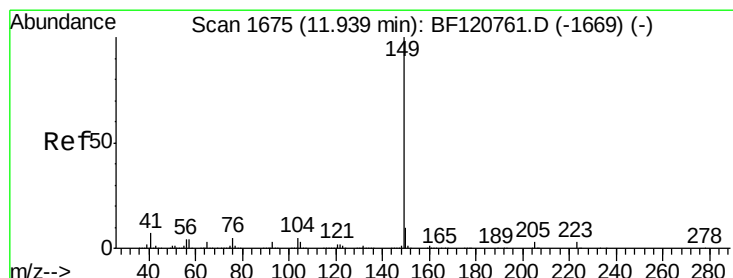
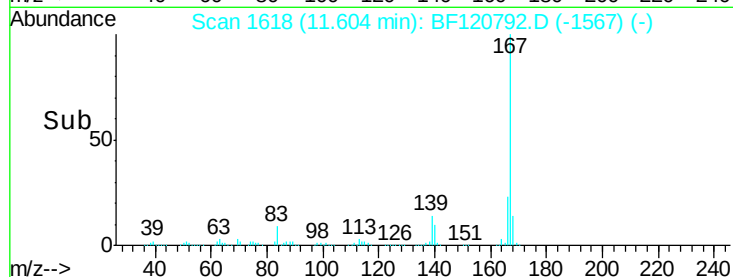
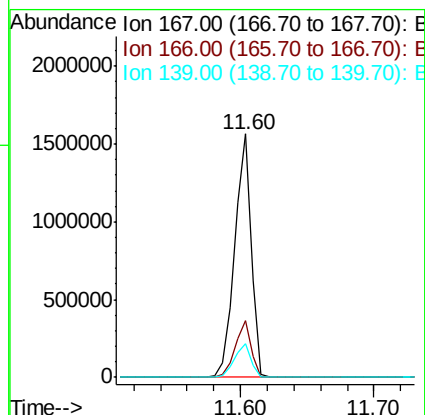
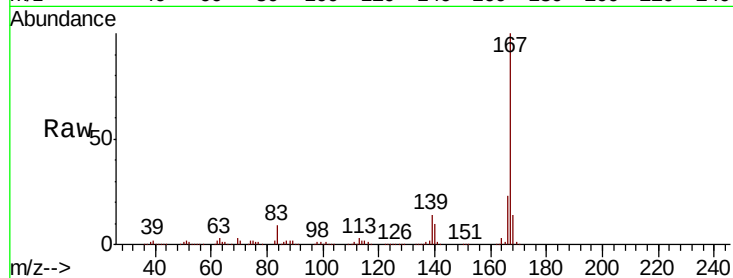


#73
 Carbazole
 Concen: 44.376 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:167 Resp: 1375863

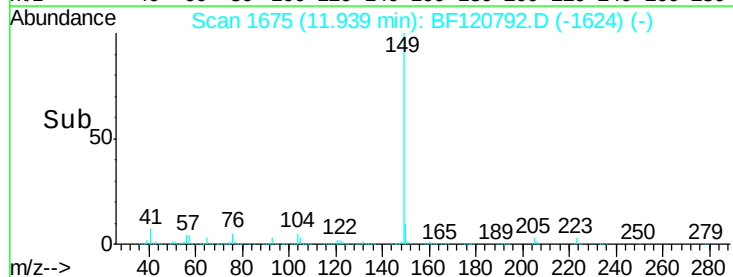
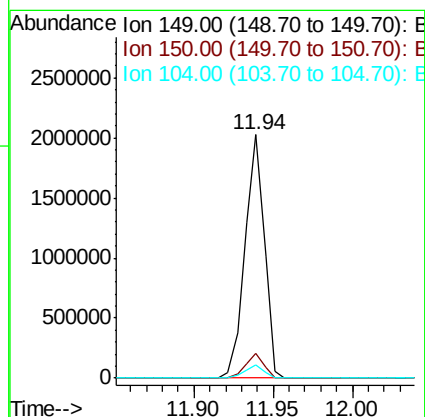
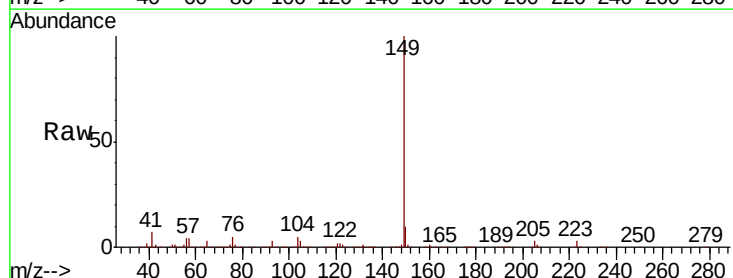
Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.8	26.8
139	13.9	10.7	16.1

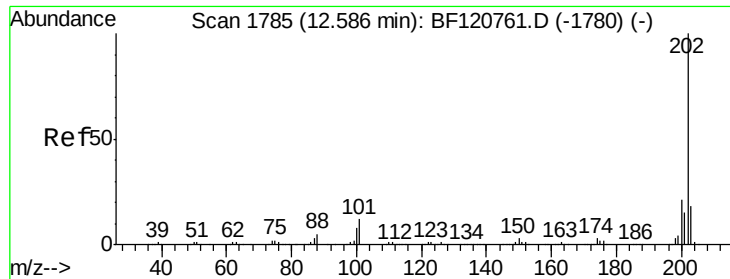


#74
 Di-n-butylphthalate
 Concen: 44.453 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Tgt Ion:149 Resp: 1706389

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.2	4.0	6.0

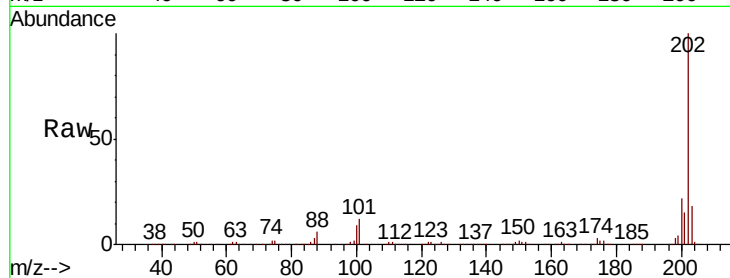




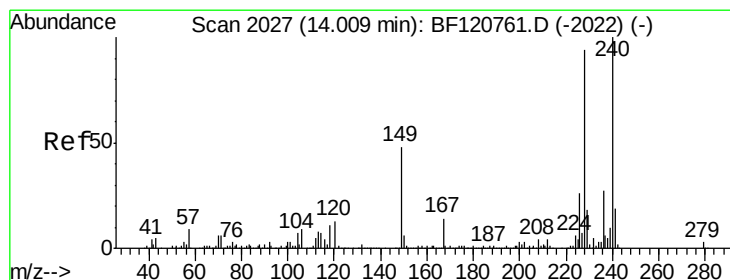
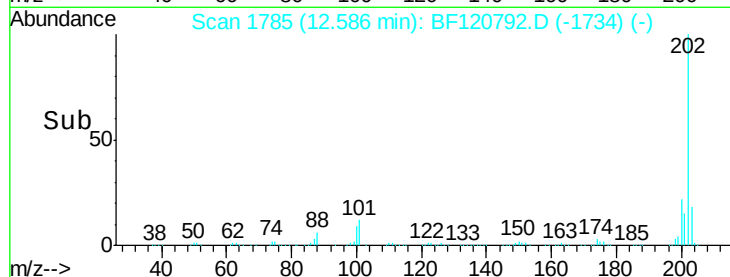
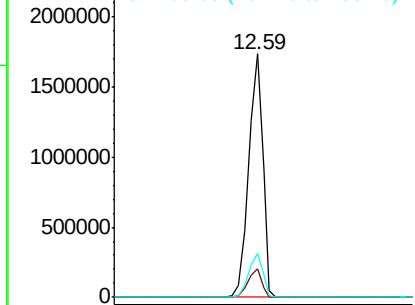
#75
 Fluoranthene
 Concen: 47.185 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:202 Resp: 1604881
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 31.6
 203 18.1 0.0 38.2

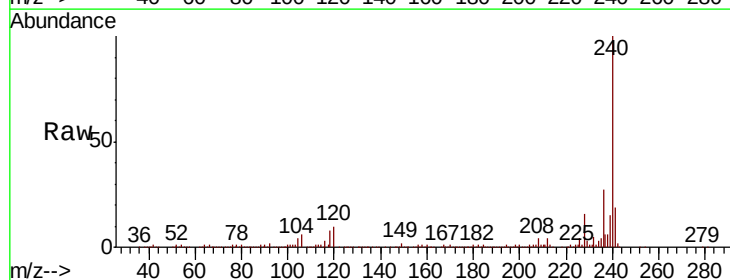


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

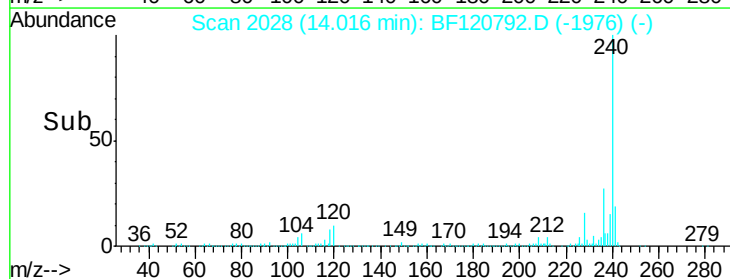
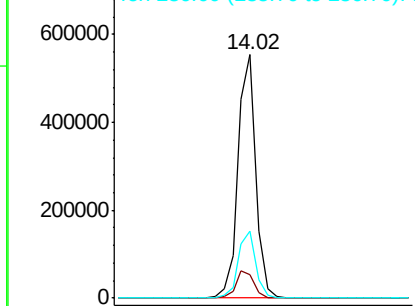


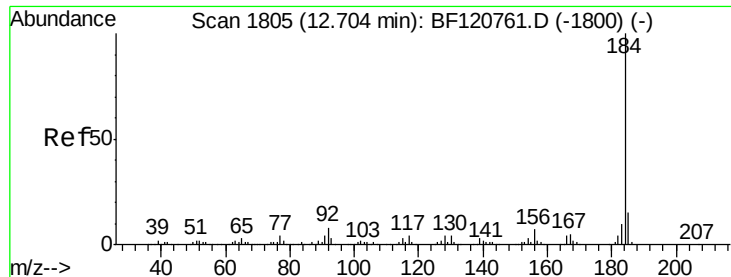
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Tgt Ion:240 Resp: 461894
 Ion Ratio Lower Upper
 240 100
 120 9.7 10.3 15.5#
 236 27.3 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: 69.874 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

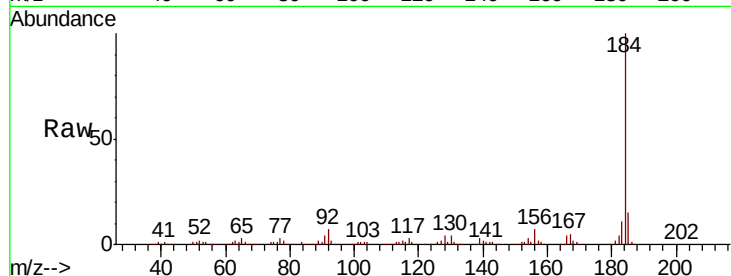
Tot Ion:184 Resp: 910979

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.8

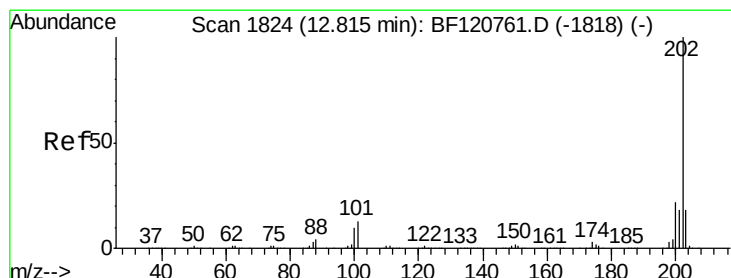
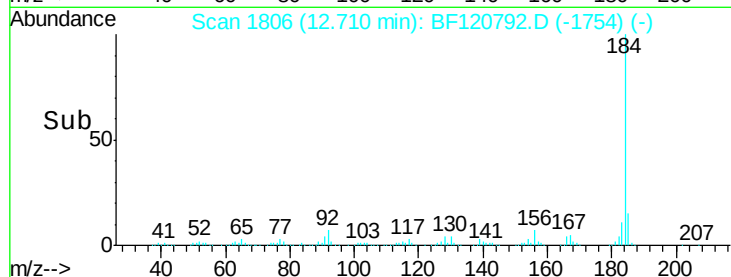
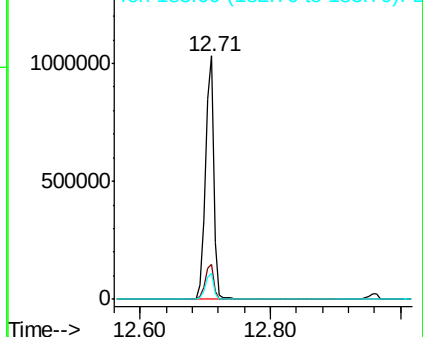
183 10.9 8.3 12.5



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: 43.557 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

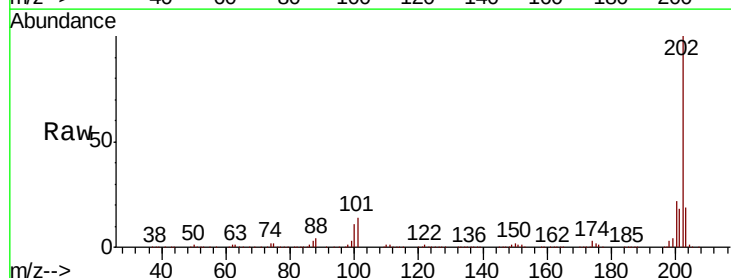
Tgt Ion:202 Resp: 1606787

Ion Ratio Lower Upper

202 100

200 22.1 17.3 25.9

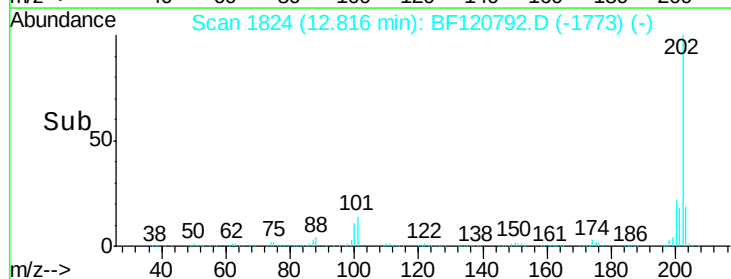
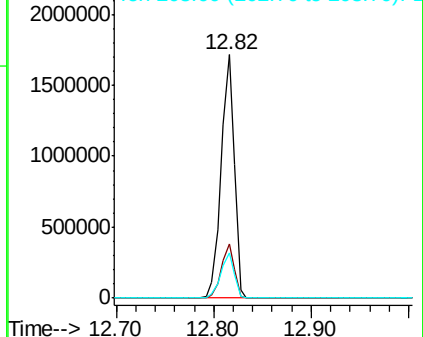
203 18.5 14.6 22.0

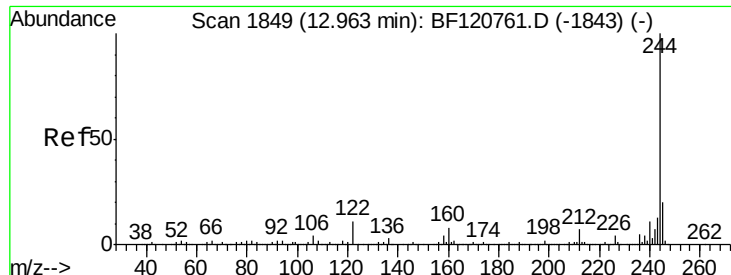


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

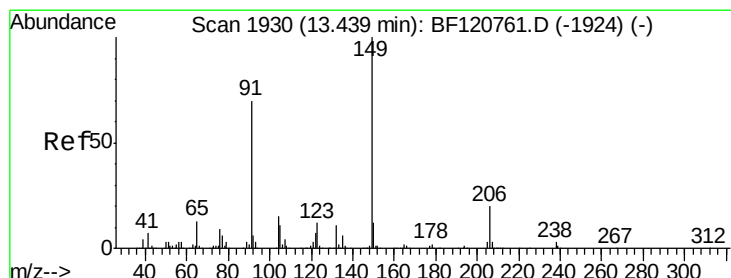
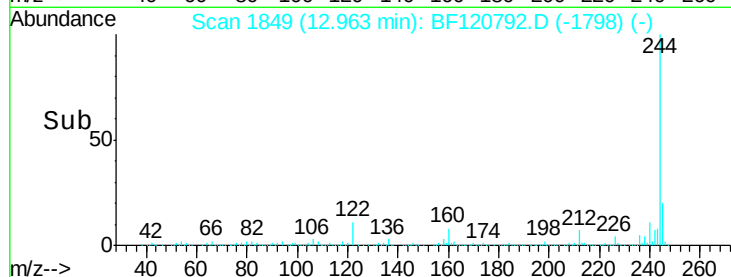
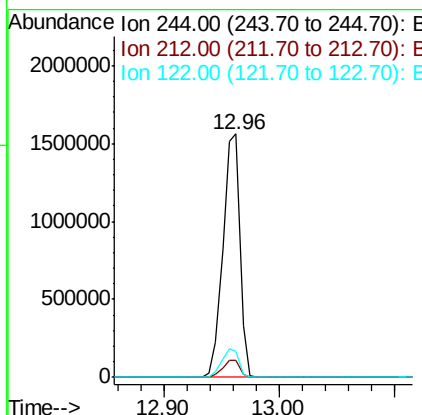
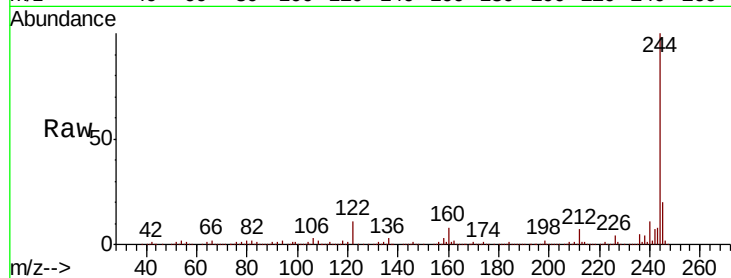




#79
 Terphenyl-d14
 Concen: 67.589 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

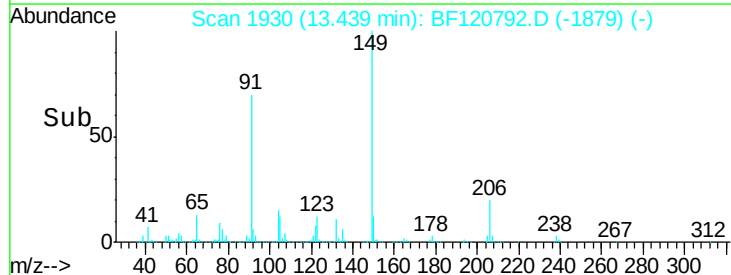
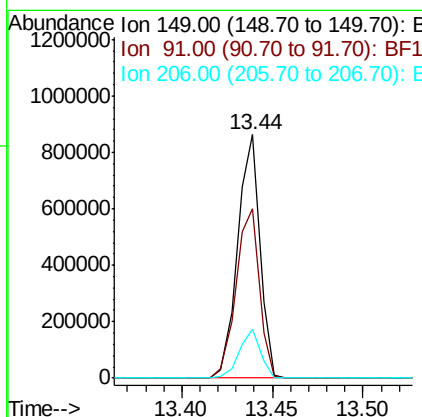
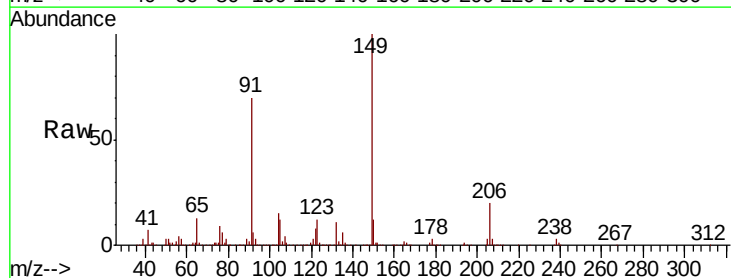
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

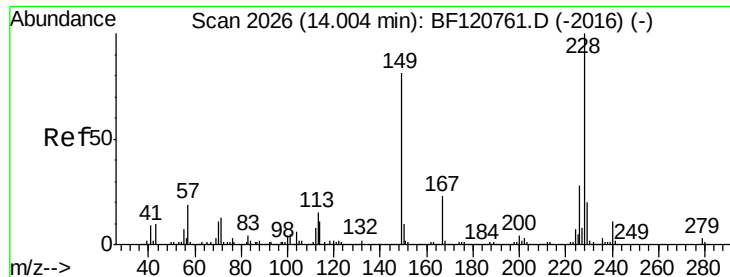
Tot Ion:244 Resp: 1594519
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.8 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 46.256 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Tgt Ion:149 Resp: 736688
 Ion Ratio Lower Upper
 149 100
 91 69.6 55.8 83.8
 206 20.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 43.130 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

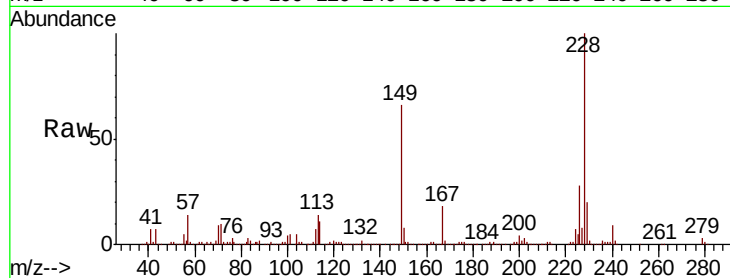
Tot Ion:228 Resp: 1276987

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

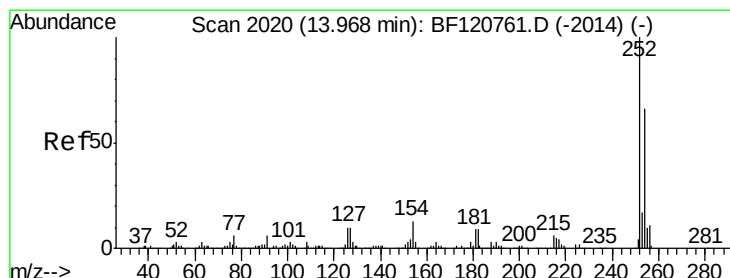
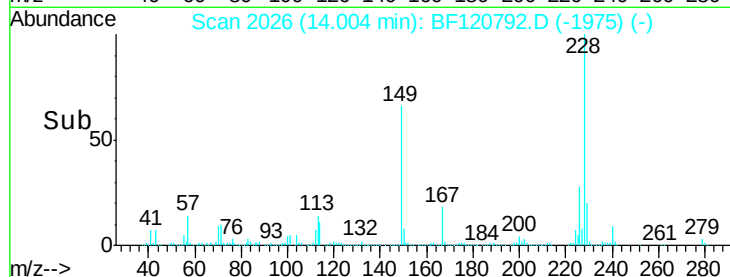
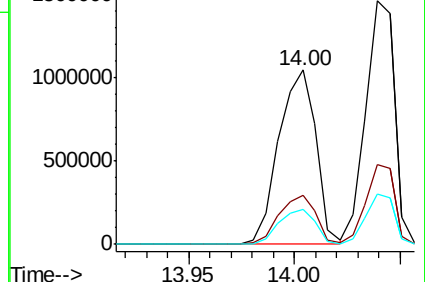
229 19.9 15.8 23.6



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: 29.754 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

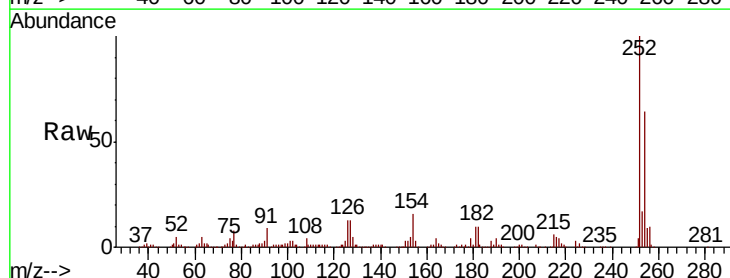
Tgt Ion:252 Resp: 297297

Ion Ratio Lower Upper

252 100

254 64.2 52.6 78.8

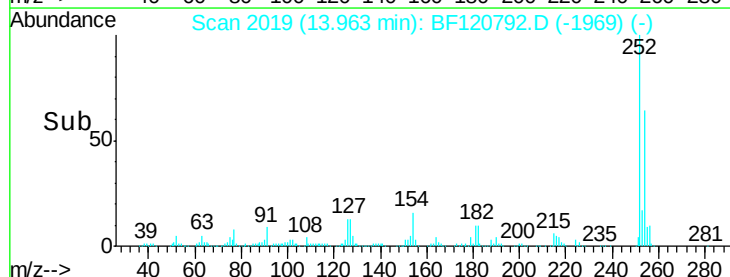
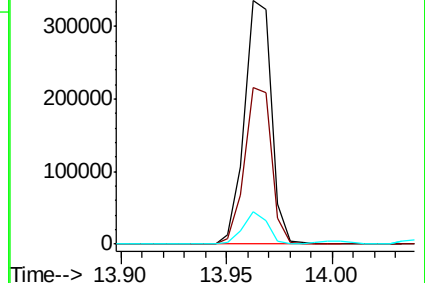
126 13.2 7.8 11.8#

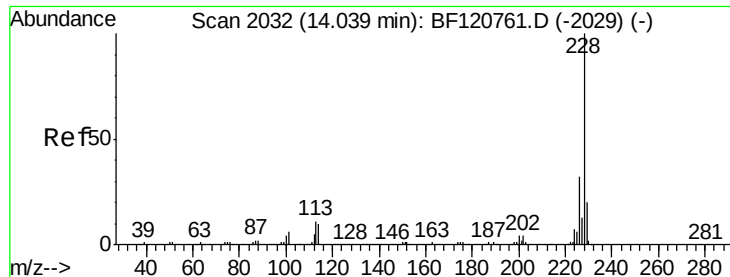


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

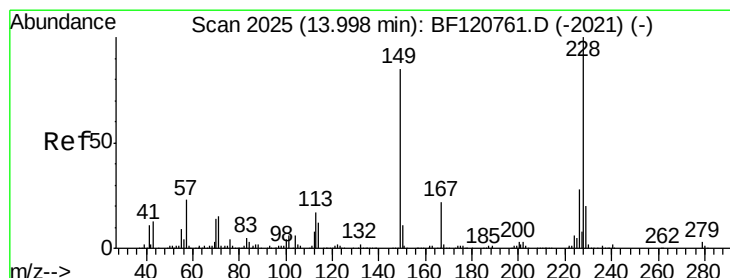
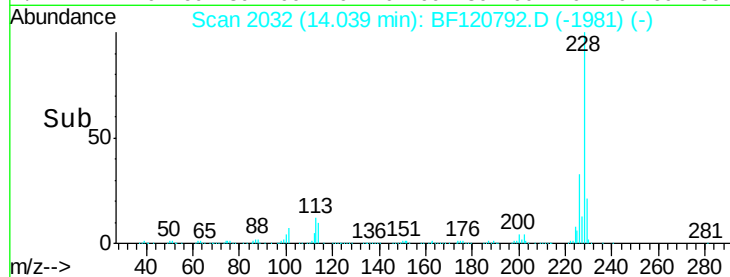
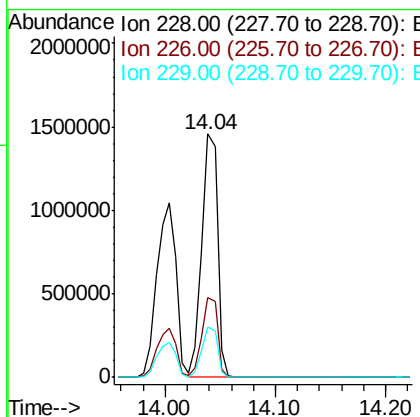
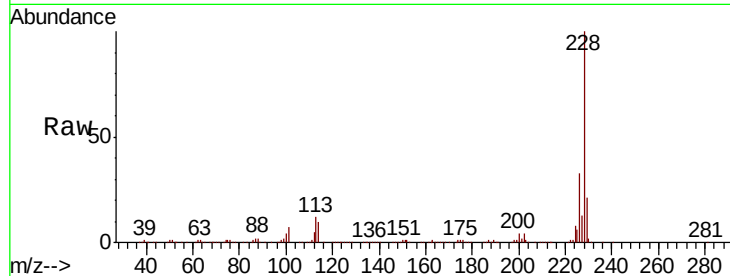




#83
Chrysene
Concen: 46.155 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

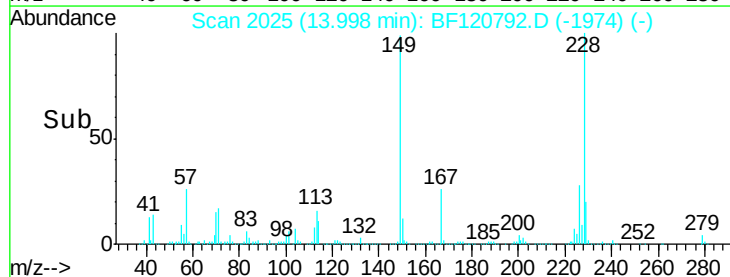
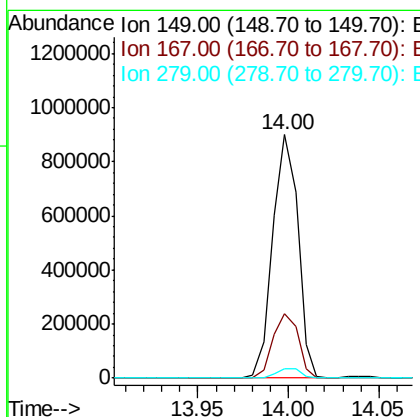
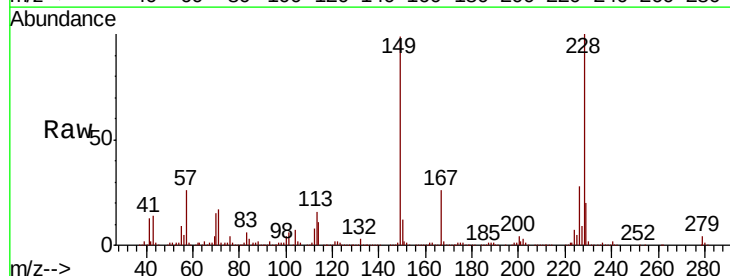
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

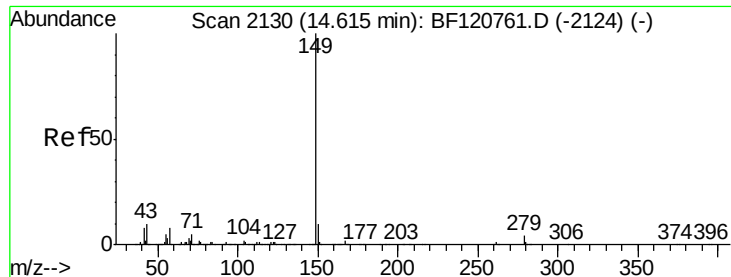
Tot Ion:228 Resp: 1393940
Ion Ratio Lower Upper
228 100
226 32.7 25.7 38.5
229 20.7 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.790 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion:149 Resp: 872793
Ion Ratio Lower Upper
149 100
167 26.6 20.9 31.3
279 4.0 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 47.622 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF120792.D

Acq: 7 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

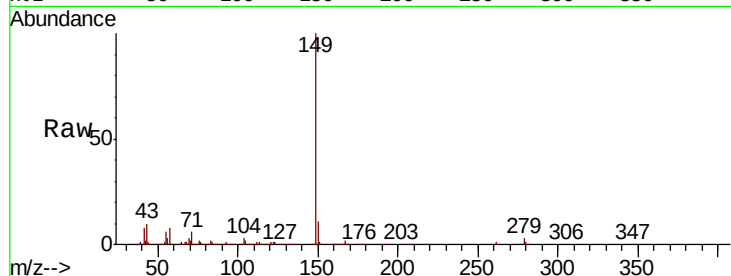
Tot Ion:149 Resp: 1759528

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

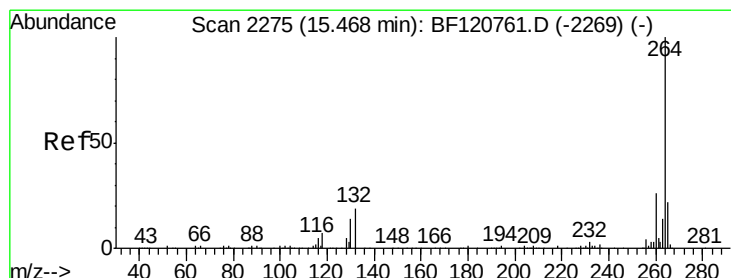
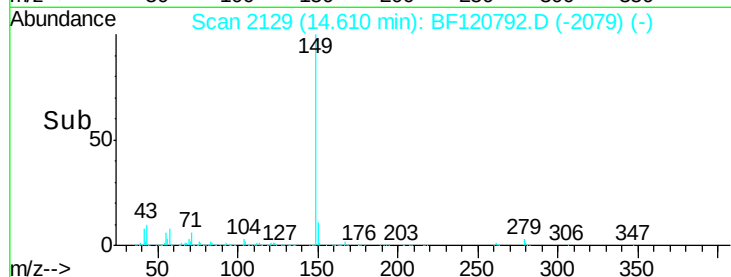
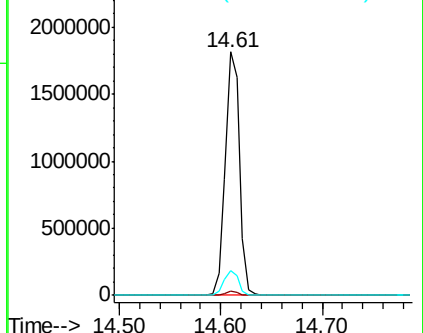
43 10.3 8.7 13.1



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: BF120792.D

Acq: 7 Jul 2020 17:30

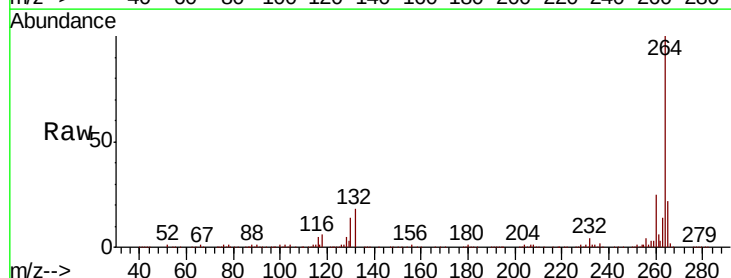
Tgt Ion:264 Resp: 407190

Ion Ratio Lower Upper

264 100

260 25.2 20.6 30.8

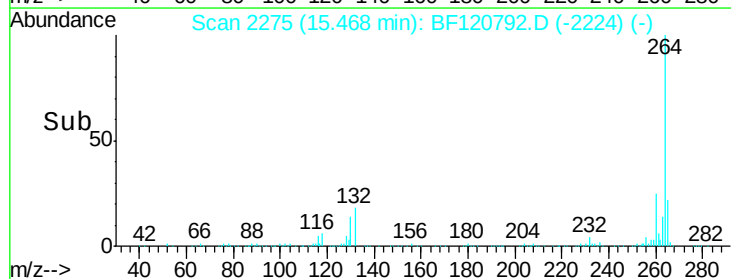
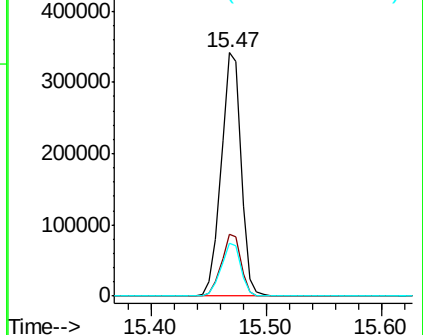
265 22.0 17.6 26.4

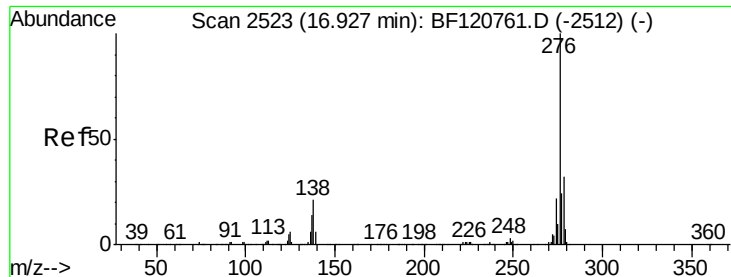


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

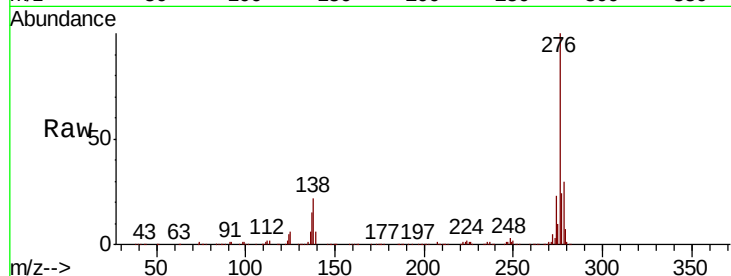




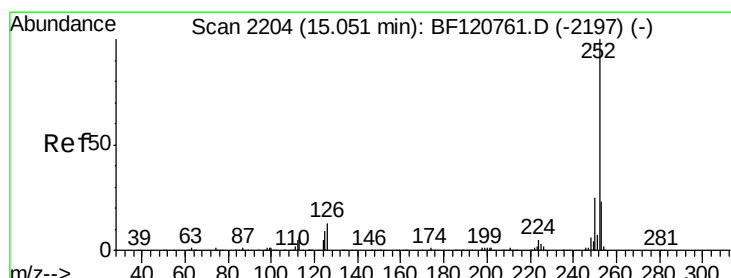
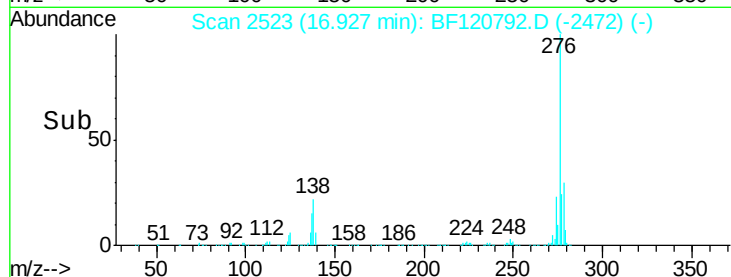
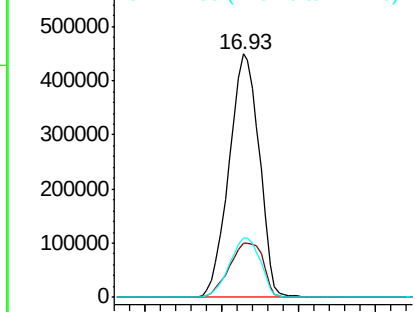
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.271 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:276 Resp: 1234620
 Ion Ratio Lower Upper
 276 100
 138 25.1 19.8 29.8
 277 25.2 19.9 29.9

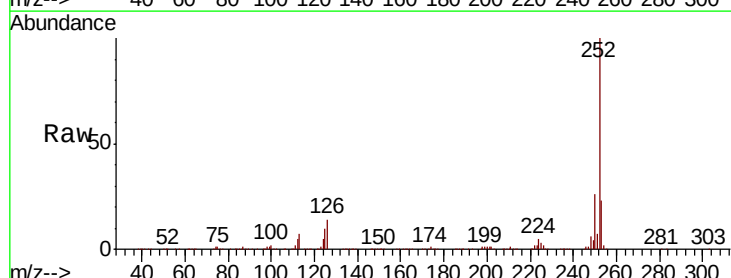


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

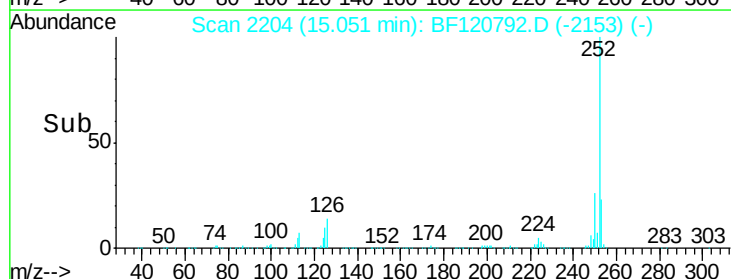
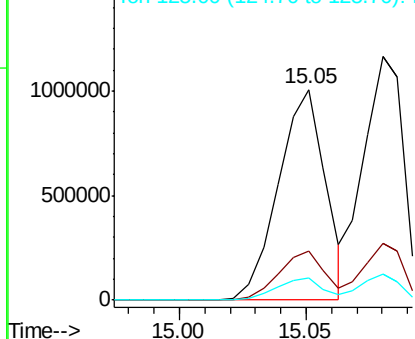


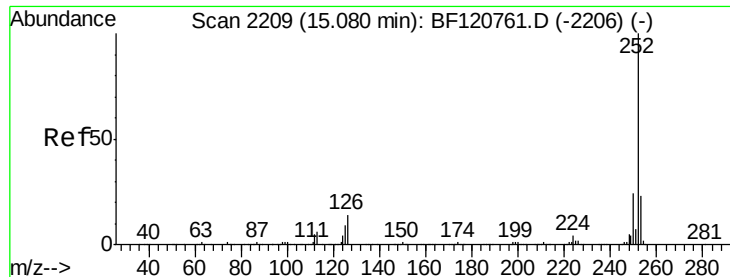
#88
 Benzo(b)fluoranthene
 Concen: 48.485 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120792.D
 Acq: 7 Jul 2020 17:30

Tgt Ion:252 Resp: 1297928
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.0 27.0
 125 10.2 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

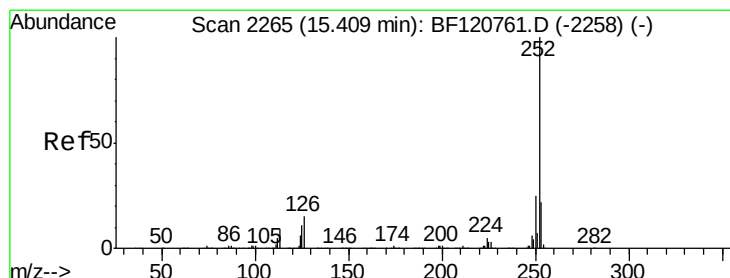
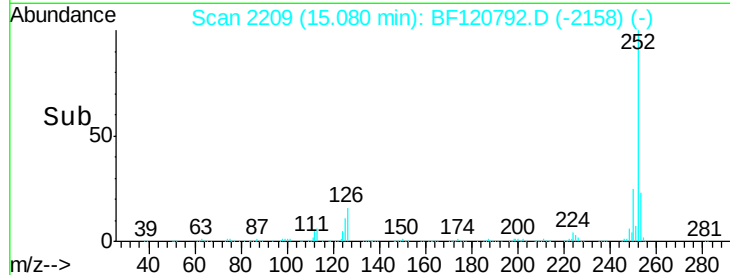
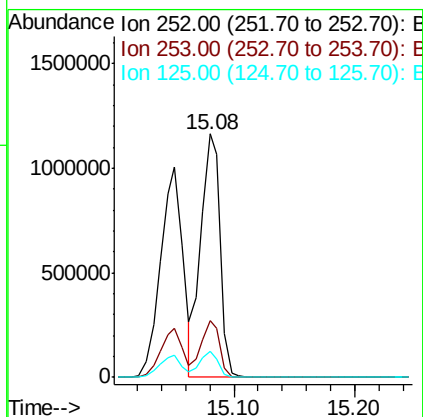
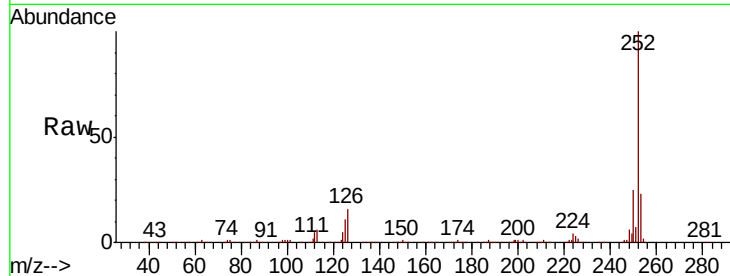




#89
Benzo(k)fluoranthene
Concen: 49.632 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

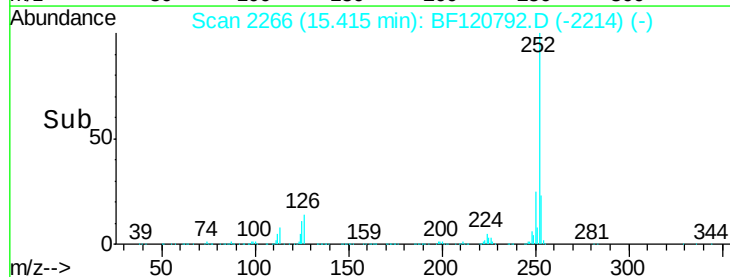
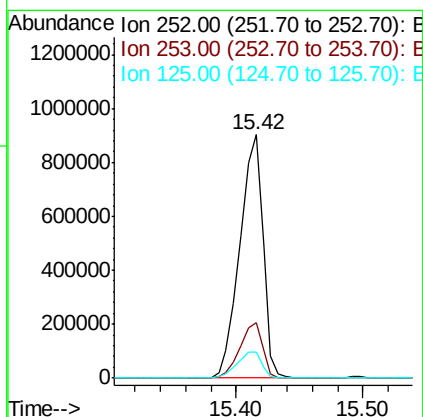
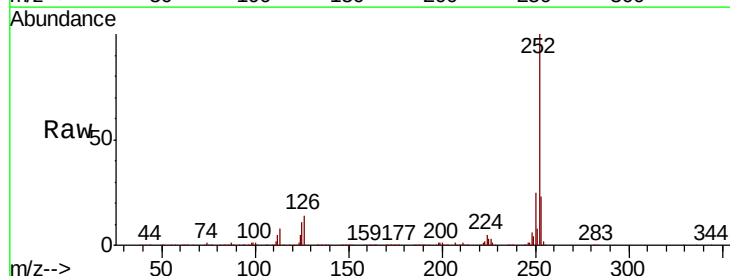
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

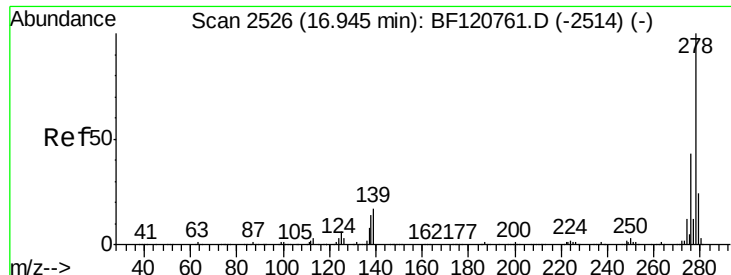
Tot Ion:252 Resp: 1292825
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.9 7.6 11.4



#90
Benzo(a)pyrene
Concen: 47.893 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion:252 Resp: 1143685
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 10.9 9.2 13.8



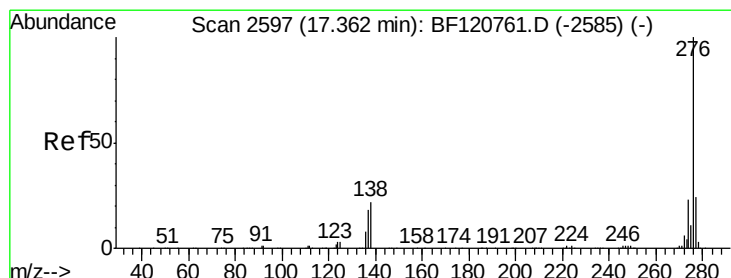
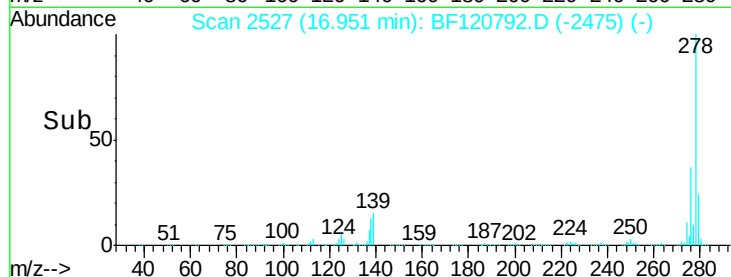
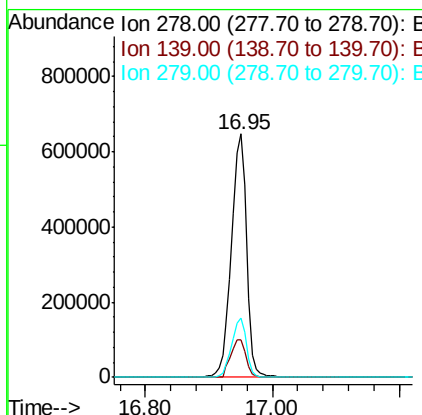
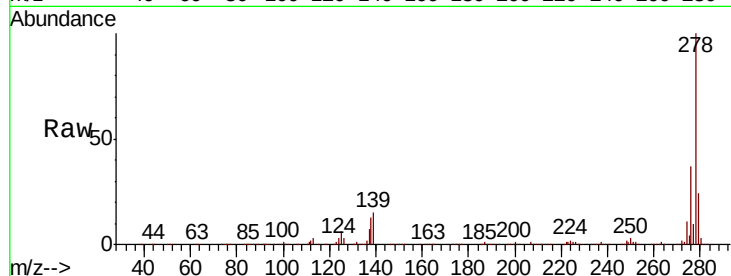


#91
Dibenzo(a,h)anthracene
Concen: 49.166 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:278 Resp: 1070266

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.3	19.9
279	24.5	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 46.800 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.01 min
Lab File: BF120792.D
Acq: 7 Jul 2020 17:30

Tgt Ion:276 Resp: 931083

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	22.3	17.4	26.2

