

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
 Data File : BF120817.D
 Acq On : 9 Jul 2020 14:54
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 09 16:12:13 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	141018	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	504102	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	244386	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	425219	20.00	ng	0.00
76) Chrysene-d12	14.01	240	313939	20.00	ng	0.00
86) Perylene-d12	15.47	264	265595	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	693152	75.88	ng	0.00
7) Phenol-d6	6.47	99	869420	74.52	ng	0.00
23) Nitrobenzene-d5	7.41	82	743612	85.47	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	198809	80.97	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1294990	80.17	ng	0.00
79) Terphenyl-d14	12.96	244	1305014	81.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	157959	37.853	ng	99
3) Pyridine	3.32	79	429711	37.594	ng	99
4) n-Nitrosodimethylamine	3.27	42	210161	36.753	ng	98
6) Aniline	6.51	93	550643	36.752	ng	99
8) 2-Chlorophenol	6.63	128	371839	38.231	ng	96
9) Benzaldehyde	6.40	77	229344	33.054	ng	95
10) Phenol	6.49	94	481117	40.089	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	369048	37.790	ng	98
12) 1,3-Dichlorobenzene	6.79	146	407074	38.025	ng	97
13) 1,4-Dichlorobenzene	6.86	146	409390	38.180	ng	99
14) 1,2-Dichlorobenzene	7.02	146	392461	38.471	ng	99
15) Benzyl Alcohol	6.99	79	320701	36.587	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	554637	36.412	ng	99
17) 2-Methylphenol	7.09	107	323019	37.125	ng	98
18) Hexachloroethane	7.36	117	154592	38.359	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	251654	35.826	ng	96
20) 3+4-Methylphenols	7.25	107	403682	37.669	ng	# 88
22) Acetophenone	7.26	105	488241	38.965	ng	# 96
24) Nitrobenzene	7.43	77	404103	41.365	ng	99
25) Isophorone	7.67	82	693936	36.983	ng	98
26) 2-Nitrophenol	7.75	139	163822	40.559	ng	96
27) 2,4-Dimethylphenol	7.78	122	286762	38.284	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	428260	38.563	ng	99
29) 2,4-Dichlorophenol	7.98	162	288607	38.596	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	329281	39.206	ng	97
31) Naphthalene	8.15	128	1043868	38.747	ng	99
32) Benzoic acid	7.89	122	188420	36.669	ng	96
33) 4-Chloroaniline	8.20	127	432467	37.830	ng	97
34) Hexachlorobutadiene	8.27	225	204437	40.472	ng	99
35) Caprolactam	8.56	113	81125	37.233	ng	99
36) 4-Chloro-3-methylphenol	8.67	107	294995	37.925	ng	98
37) 2-Methylnaphthalene	8.85	142	674395	38.508	ng	99
38) 1-Methylnaphthalene	8.95	142	632788	38.574	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	301828	40.865	ng	100

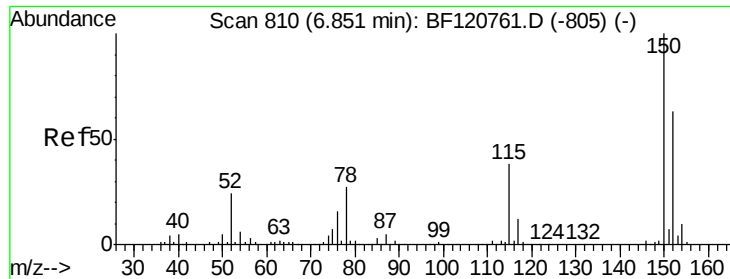
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	171357	39.267	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	197710	39.284	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	223150	39.953	ng	# 94
46) 1,1'-Biphenyl	9.31	154	784022	39.772	ng	98
47) 2-Chloronaphthalene	9.33	162	624166	39.523	ng	99
48) 2-Nitroaniline	9.43	65	197753	42.157	ng	95
49) Acenaphthylene	9.75	152	956683	38.639	ng	99
50) Dimethylphthalate	9.61	163	689584	38.681	ng	99
51) 2,6-Dinitrotoluene	9.67	165	144041	41.003	ng	92
52) Acenaphthene	9.92	154	605676	39.431	ng	98
53) 3-Nitroaniline	9.83	138	175895	40.816	ng	98
54) 2,4-Dinitrophenol	9.93	184	46537	38.940	ng	# 68
55) Dibenzofuran	10.09	168	870185	39.302	ng	98
56) 4-Nitrophenol	9.98	139	124616	39.210	ng	92
57) 2,4-Dinitrotoluene	10.07	165	184385	42.178	ng	87
58) Fluorene	10.43	166	649353	39.402	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	160270	38.560	ng	98
60) Diethylphthalate	10.31	149	720040	38.772	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	329934	39.824	ng	97
62) 4-Nitroaniline	10.45	138	166706	44.011	ng	97
63) Azobenzene	10.59	77	722496	38.032	ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	69111	40.015	ng	84
66) n-Nitrosodiphenylamine	10.55	169	577396	40.512	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	198110	40.164	ng	94
68) Hexachlorobenzene	10.98	284	213951	41.335	ng	93
69) Atrazine	11.07	200	134330	36.585	ng	98
70) Pentachlorophenol	11.17	266	113320	38.696	ng	99
71) Phenanthrene	11.40	178	908306	39.369	ng	99
72) Anthracene	11.45	178	928997	39.847	ng	99
73) Carbazole	11.60	167	869162	38.794	ng	100
74) Di-n-butylphthalate	11.93	149	1065672	38.419	ng	99
75) Fluoranthene	12.58	202	942154	38.333	ng	99
77) Benzidine	12.70	184	324659	36.638	ng	98
78) Pyrene	12.81	202	985737	39.315	ng	99
80) Butylbenzylphthalate	13.43	149	405950	37.502	ng	95
81) Benzo(a)anthracene	14.00	228	814292	40.464	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	257121	37.861	ng	97
83) Chrysene	14.03	228	801393	39.041	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	556872	39.230	ng	# 98
85) Di-n-octyl phthalate	14.61	149	886953	35.319	ng	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	692807	40.668	ng	99
88) Benzo(b)fluoranthene	15.04	252	685952	39.285	ng	99
89) Benzo(k)fluoranthene	15.07	252	704519	41.466	ng	99
90) Benzo(a)pyrene	15.41	252	620129	39.813	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	590019	41.554	ng	100
92) Benzo(g,h,i)perylene	17.36	276	531239	40.938	ng	98

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

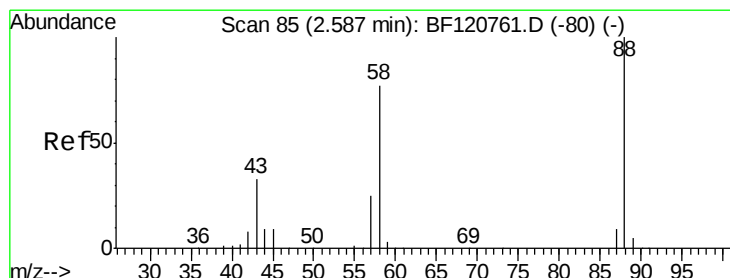
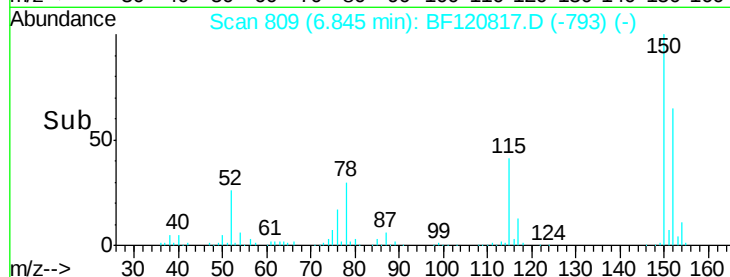
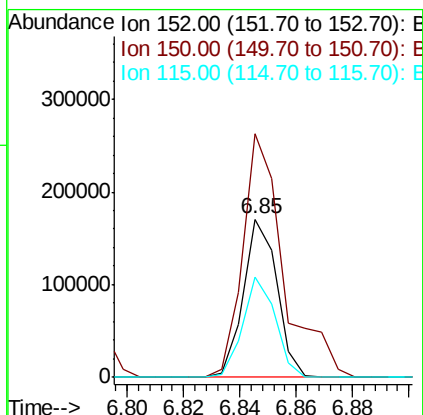
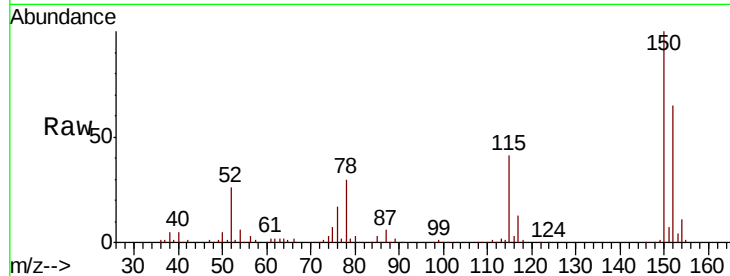


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

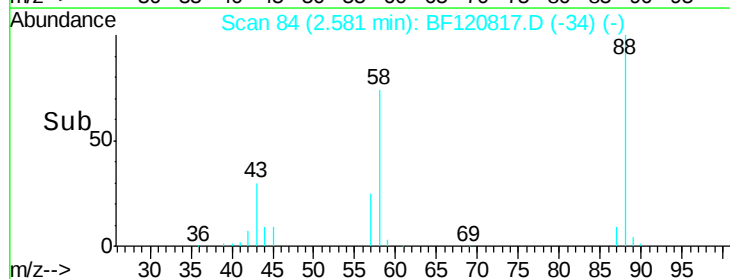
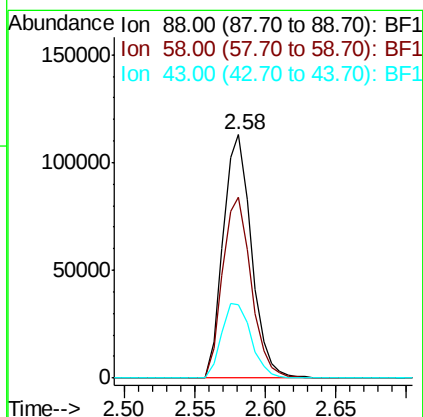
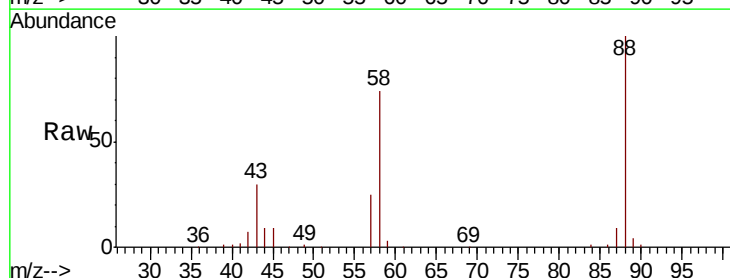
Tot Ion:152 Resp: 141018
Ion Ratio Lower Upper
152 100
150 154.2 126.1 189.1
115 63.8 48.5 72.7

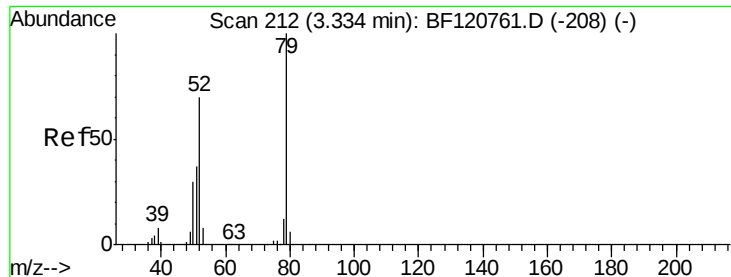


#2

1,4-Dioxane
Concen: 37.853 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion: 88 Resp: 157959
Ion Ratio Lower Upper
88 100
58 74.6 60.4 90.6
43 32.1 26.3 39.5





#3

Pvridine

Concen: 37.594 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

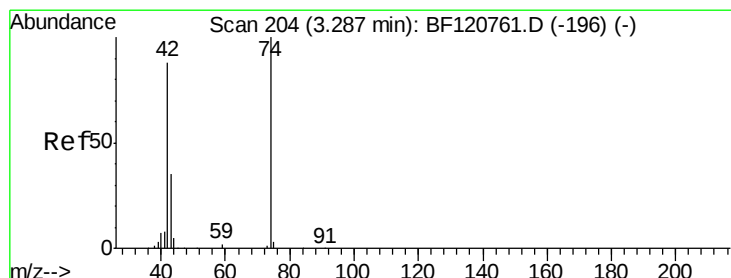
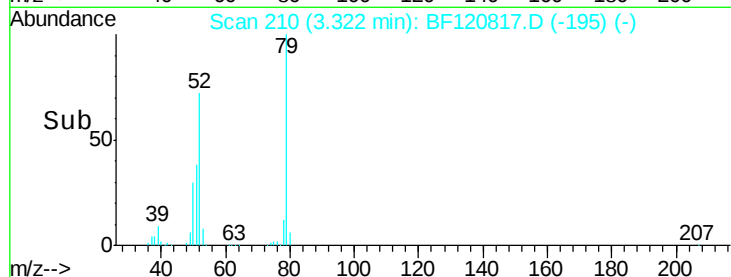
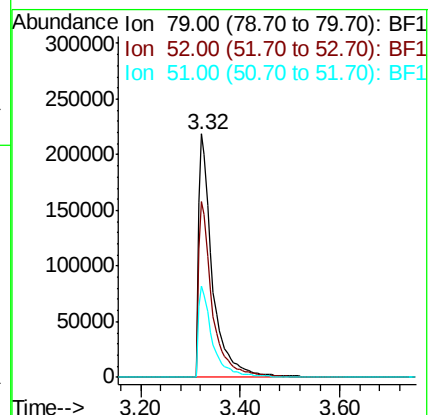
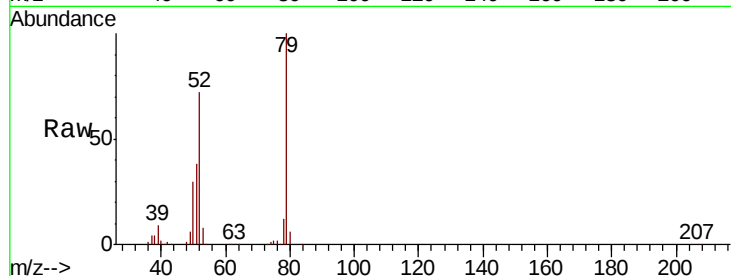
Tot Ion: 79 Resp: 429711

Ion Ratio Lower Upper

79 100

52 72.2 56.3 84.5

51 37.8 30.1 45.1



#4

n-Nitrosodimethylamine

Concen: 36.753 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.02 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

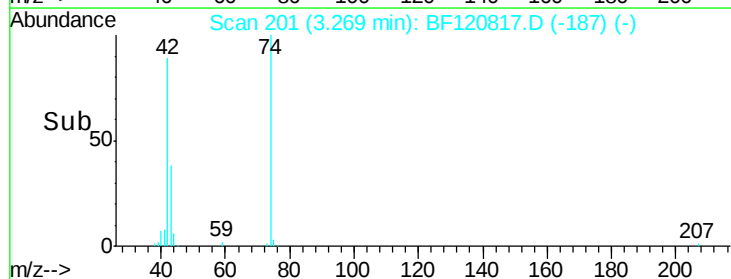
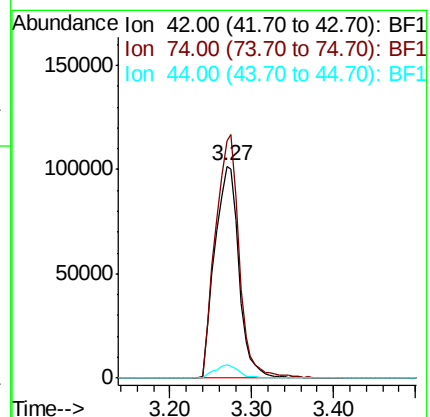
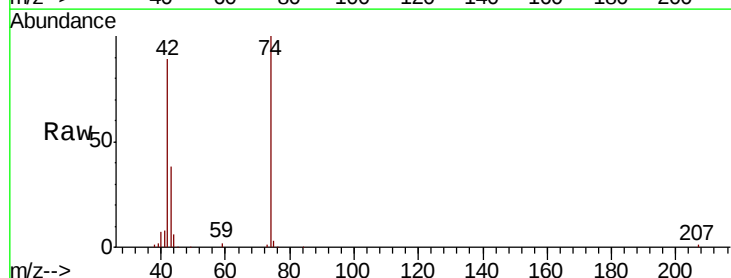
Tgt Ion: 42 Resp: 210161

Ion Ratio Lower Upper

42 100

74 112.0 90.8 136.2

44 6.2 5.8 8.8





#5

2-Fluorophenol

Concen: 75.876 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

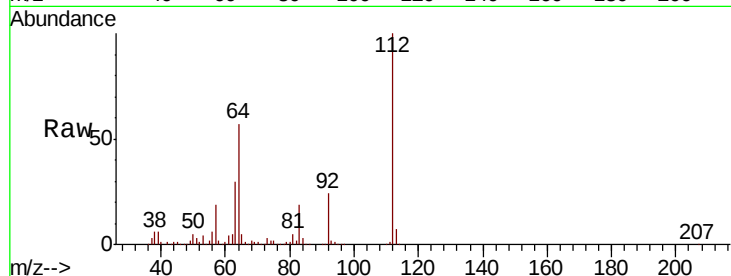
Tot Ion:112 Resp: 693152

Ion Ratio Lower Upper

112 100

64 57.0 43.8 65.6

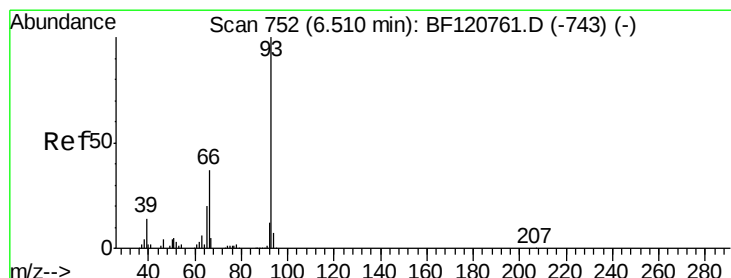
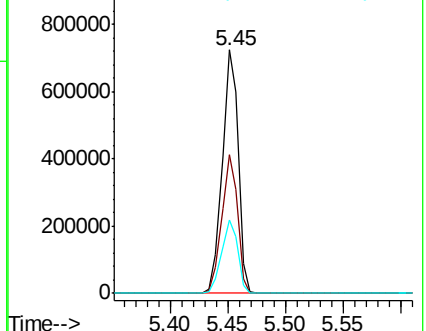
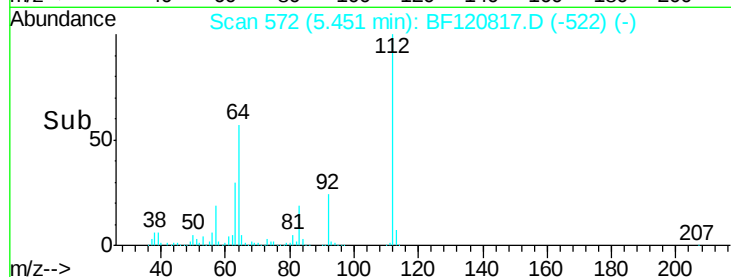
63 30.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.752 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

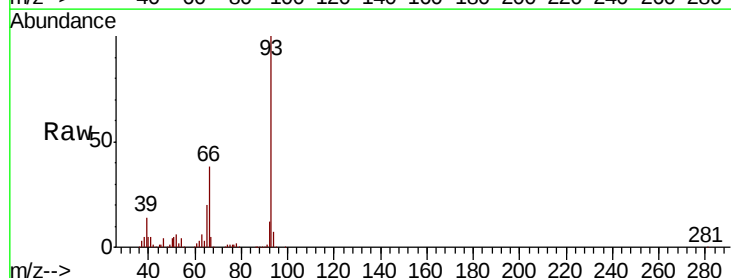
Tgt Ion: 93 Resp: 550643

Ion Ratio Lower Upper

93 100

66 38.1 31.3 46.9

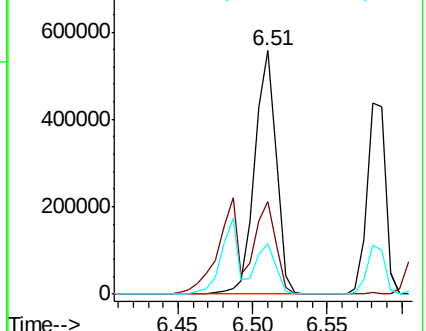
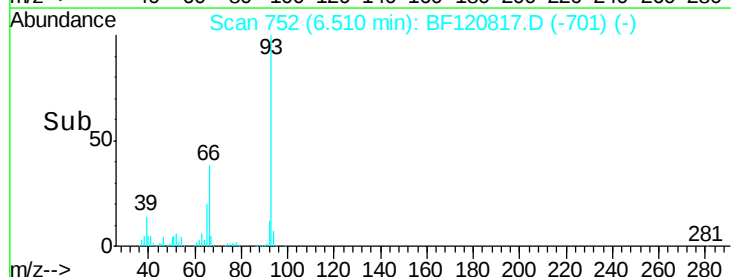
65 20.5 16.5 24.7

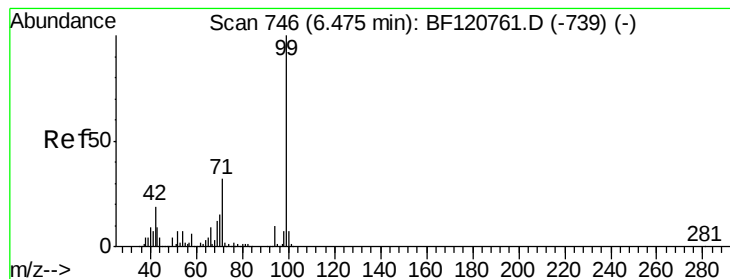


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.524 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120817.D

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SSTDCCC040EC

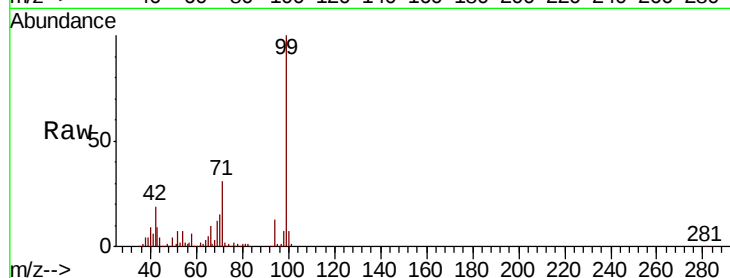
Tot Ion: 99 Resp: 869420

Ion Ratio Lower Upper

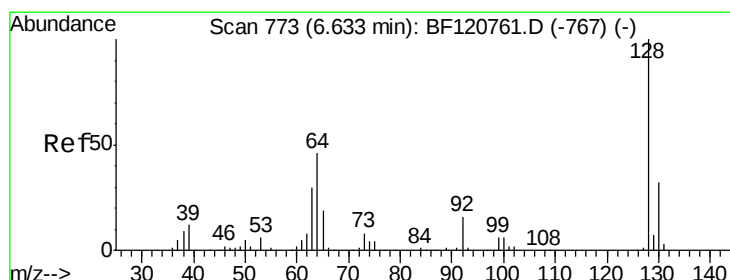
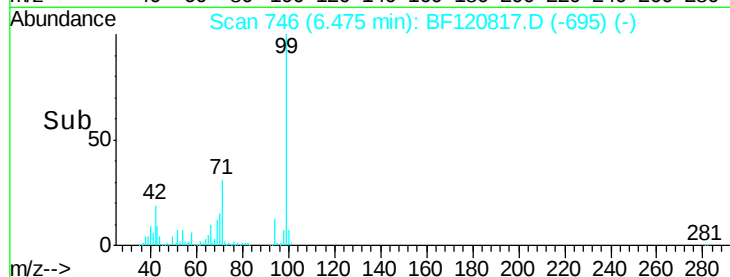
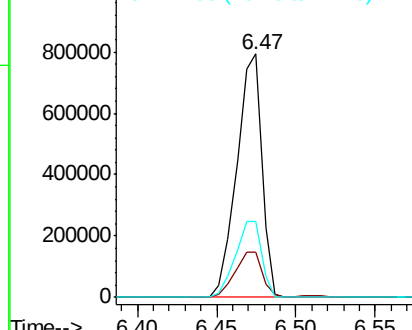
99 100

42 18.5 15.4 23.0

71 31.1 25.9 38.9



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



#8

2-Chlorophenol

Concen: 38.231 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

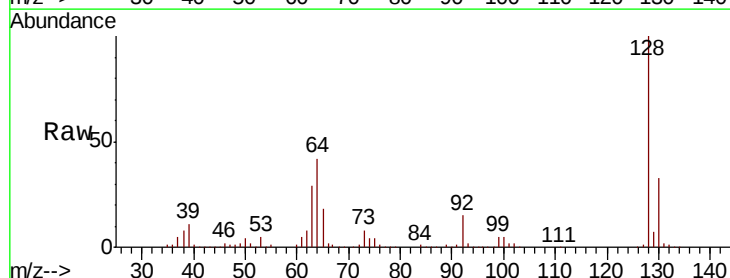
Tgt Ion: 128 Resp: 371839

Ion Ratio Lower Upper

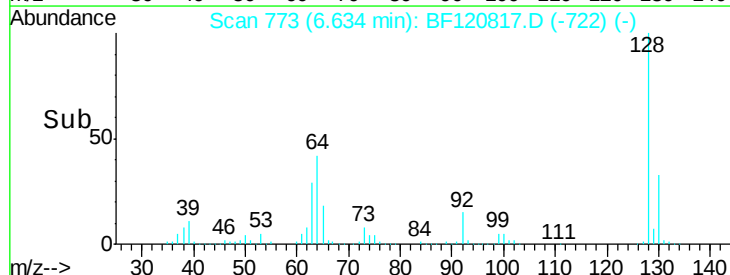
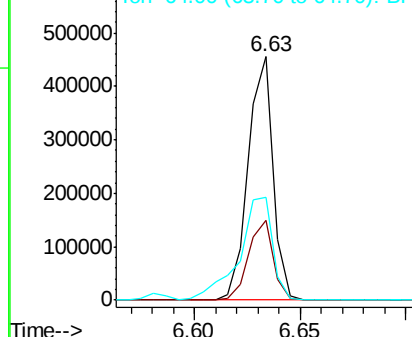
128 100

130 32.7 12.1 52.1

64 42.2 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: 33.054 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

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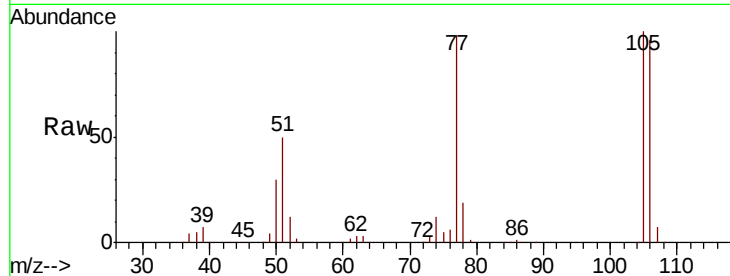
Tot Ion: 77 Resp: 229344

Ion Ratio Lower Upper

77 100

105 102.3 76.8 116.8

106 98.0 73.8 113.8



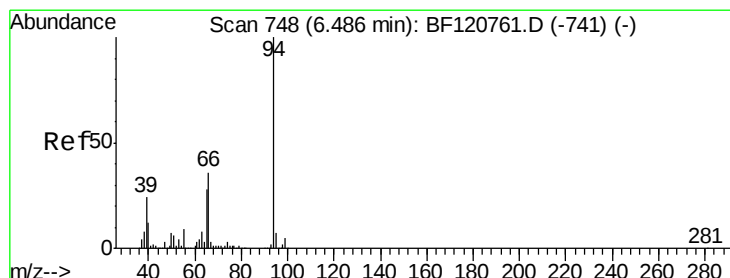
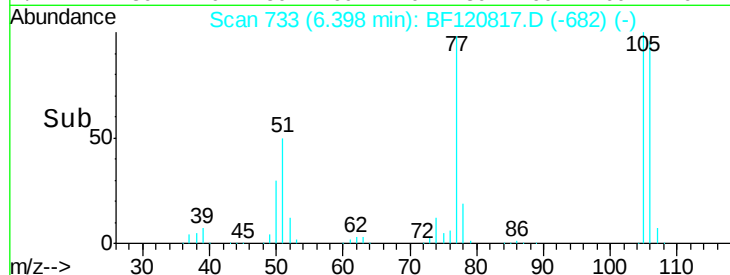
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.40

Time-->



#10

Phenol

Concen: 40.089 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

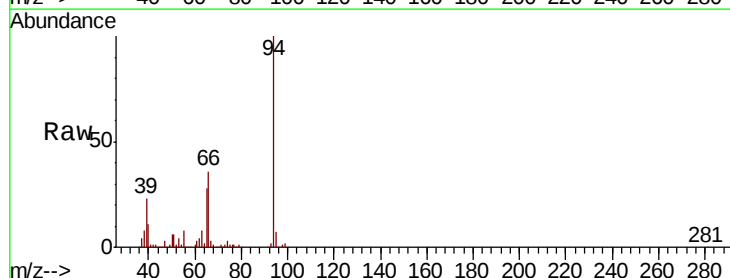
Tgt Ion: 94 Resp: 481117

Ion Ratio Lower Upper

94 100

65 28.3 8.4 48.4

66 35.7 16.5 56.5



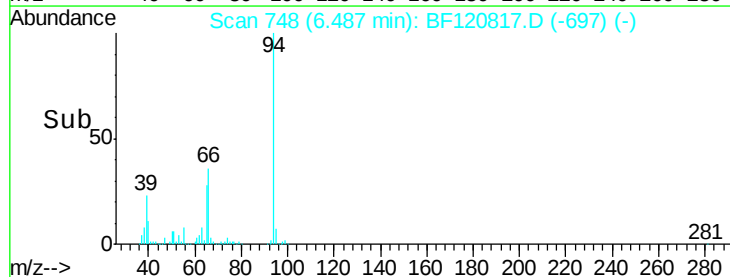
Abundance Ion 94.00 (93.70 to 94.70): BF1

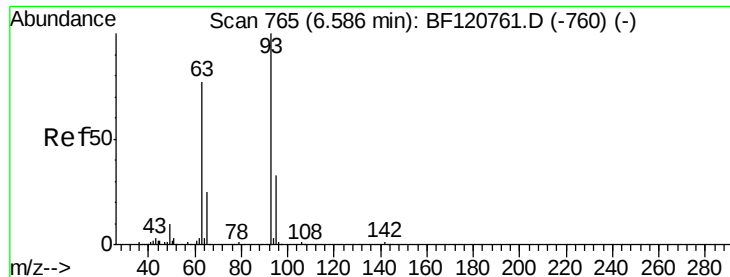
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.49

Time-->

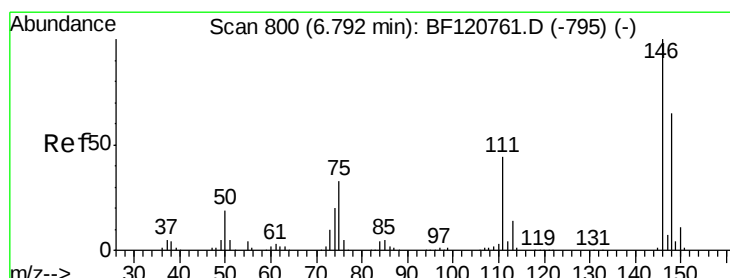
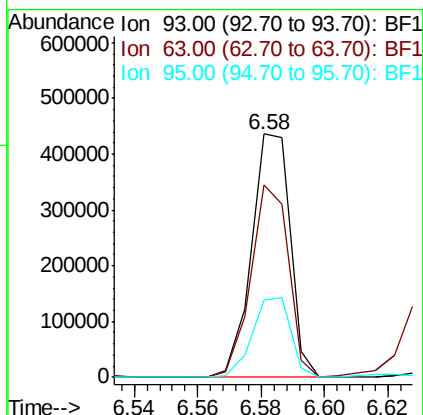
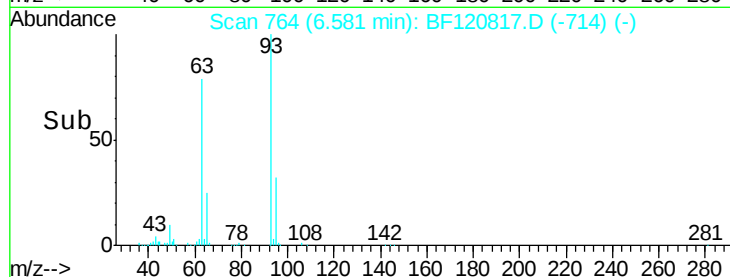
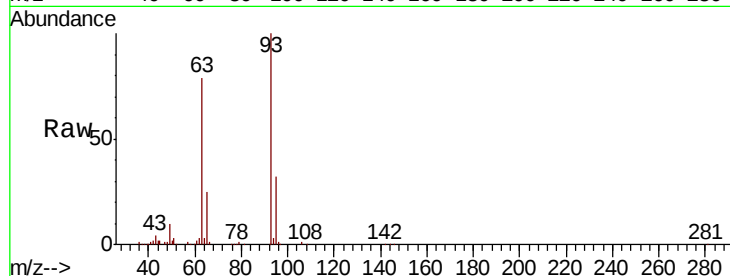




#11
bis(2-Chloroethyl)ether
Concen: 37.790 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

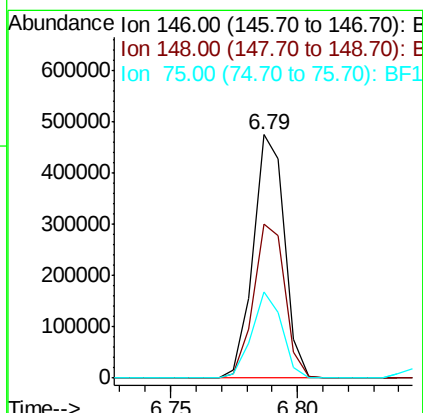
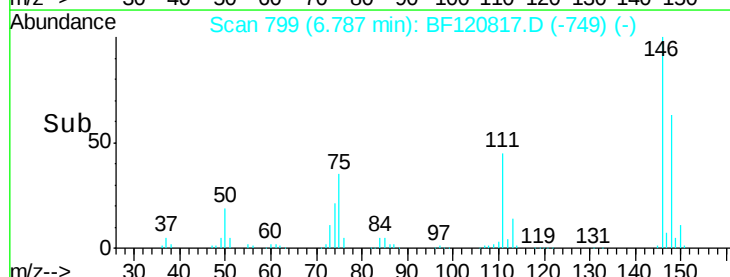
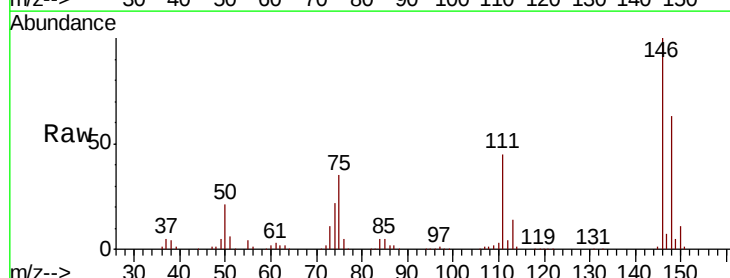
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

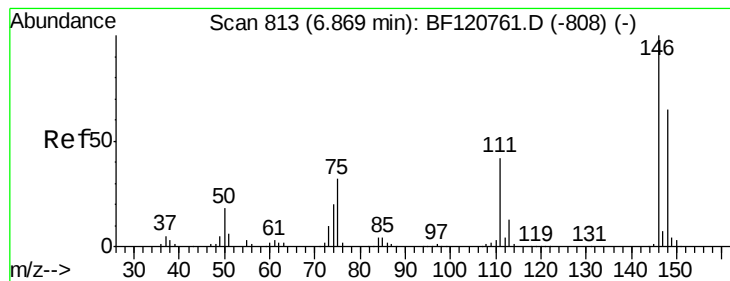
Tot Ion: 93 Resp: 369048
Ion Ratio Lower Upper
93 100
63 78.9 56.9 96.9
95 31.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 38.025 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion: 146 Resp: 407074
Ion Ratio Lower Upper
146 100
148 63.4 52.1 78.1
75 35.3 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 38.180 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

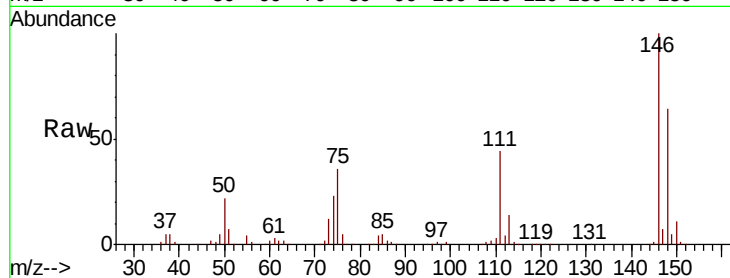
Tot Ion:146 Resp: 409390

Ion Ratio Lower Upper

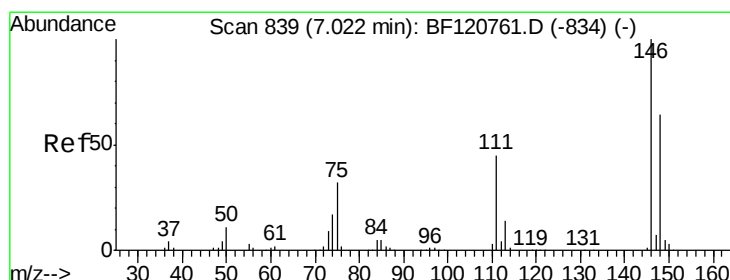
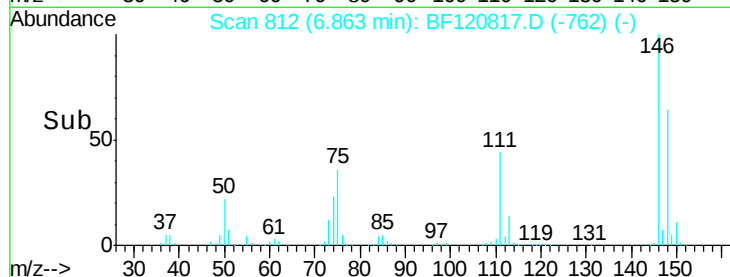
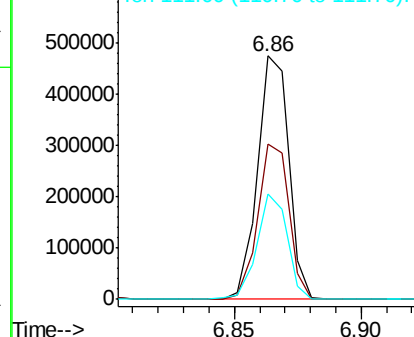
146 100

148 64.0 51.8 77.6

111 43.5 33.7 50.5



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



#14

1,2-Dichlorobenzene

Concen: 38.471 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

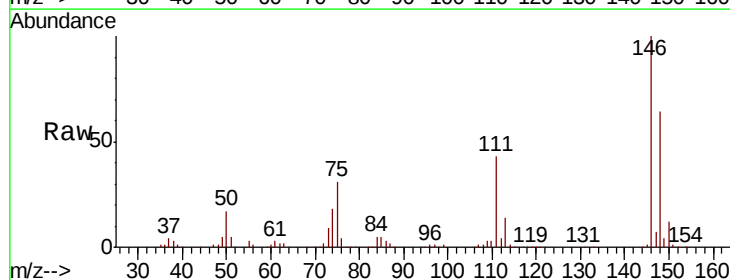
Tgt Ion:146 Resp: 392461

Ion Ratio Lower Upper

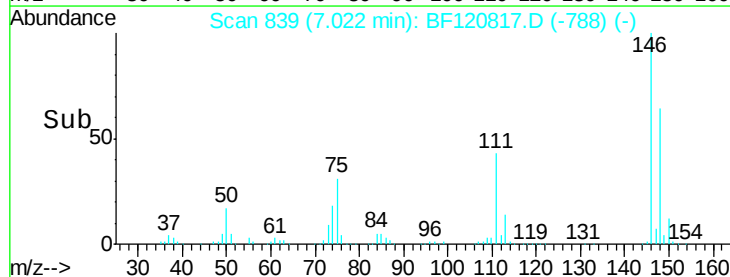
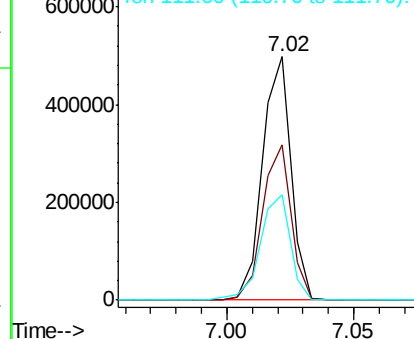
146 100

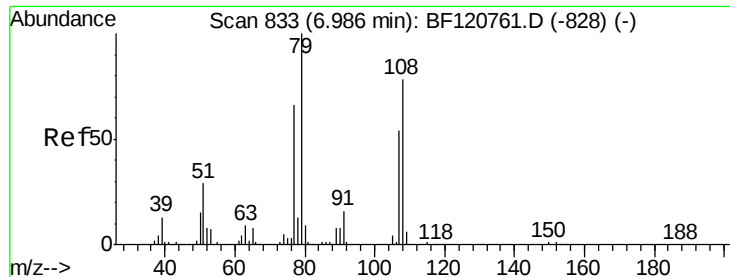
148 63.8 51.0 76.4

111 43.0 35.7 53.5



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





#15

Benzyl Alcohol

Concen: 36.587 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

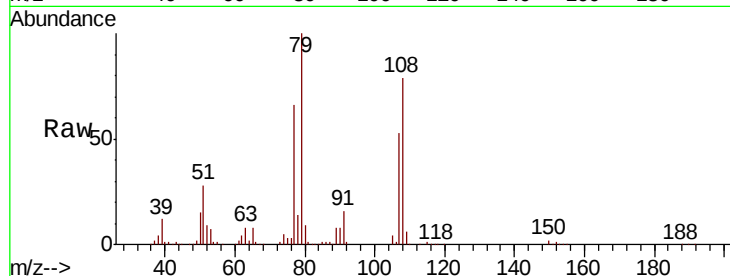
Tot Ion: 79 Resp: 320701

Ion Ratio Lower Upper

79 100

108 79.2 62.4 93.6

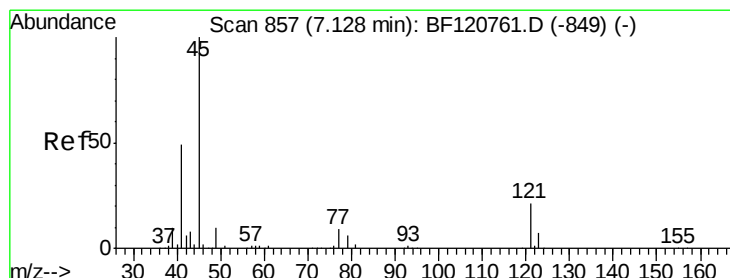
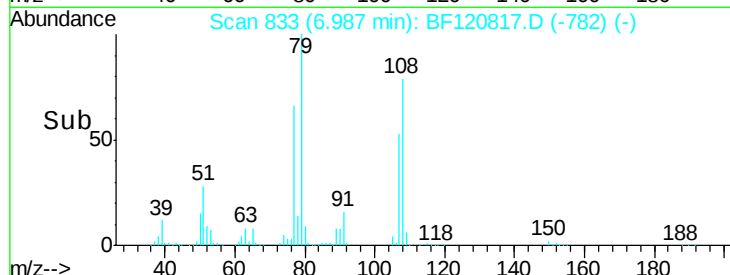
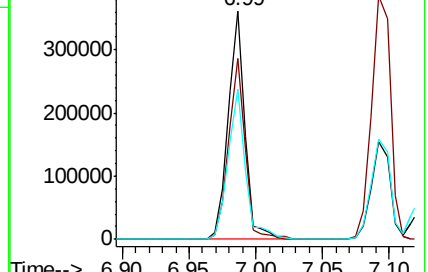
77 65.7 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.412 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

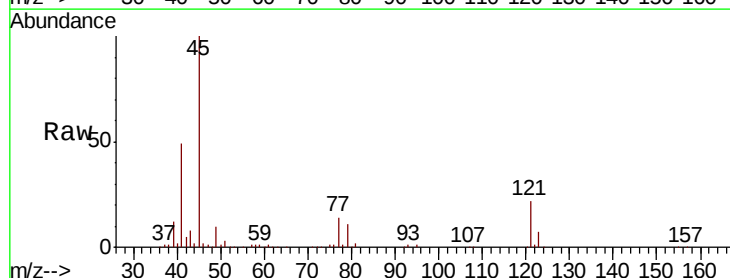
Tgt Ion: 45 Resp: 554637

Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.7

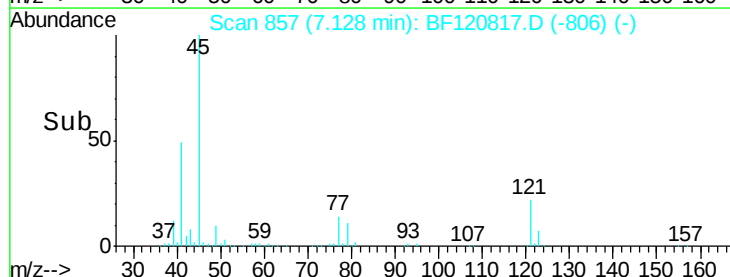
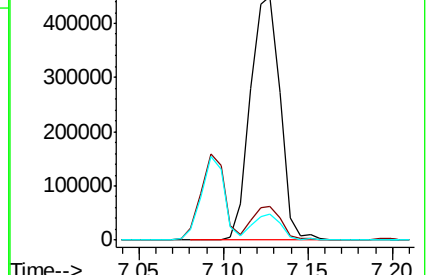
79 10.8 0.0 30.5

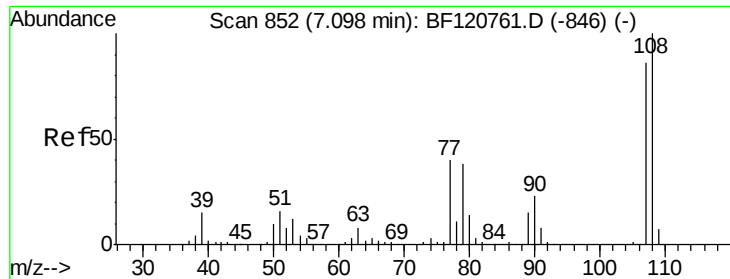


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.125 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 323019

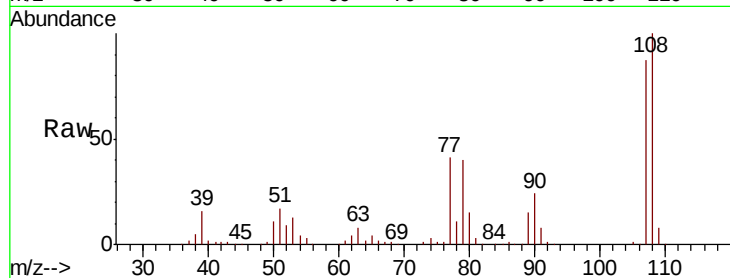
Ion Ratio Lower Upper

107 100

108 115.3 93.1 139.7

77 47.8 37.3 55.9

79 46.3 35.3 52.9

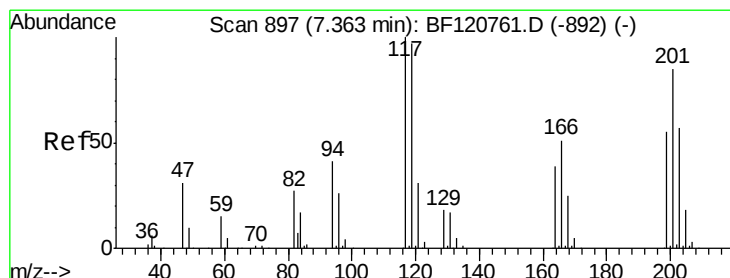
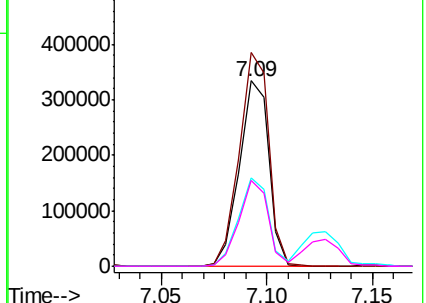
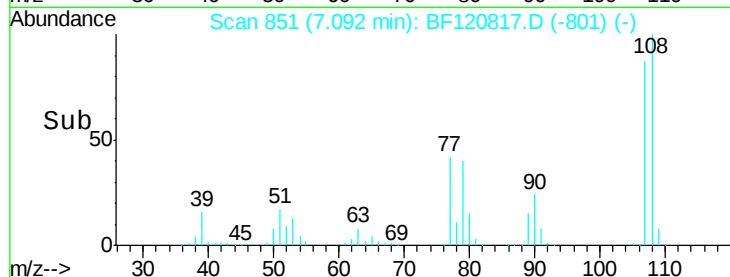


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.359 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

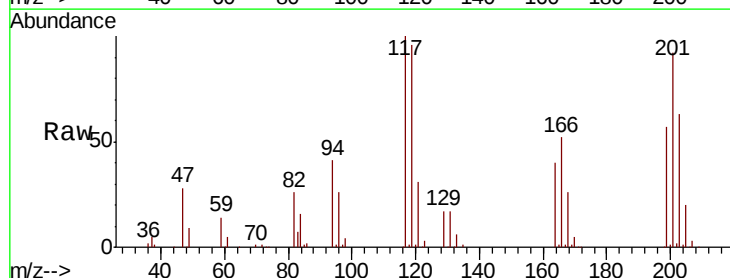
Tgt Ion:117 Resp: 154592

Ion Ratio Lower Upper

117 100

119 95.7 77.9 116.9

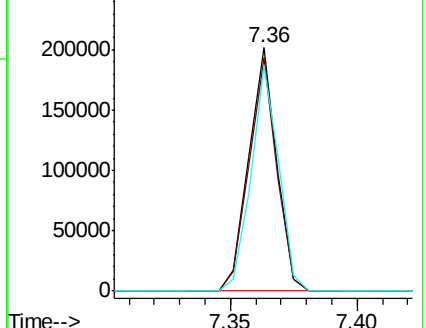
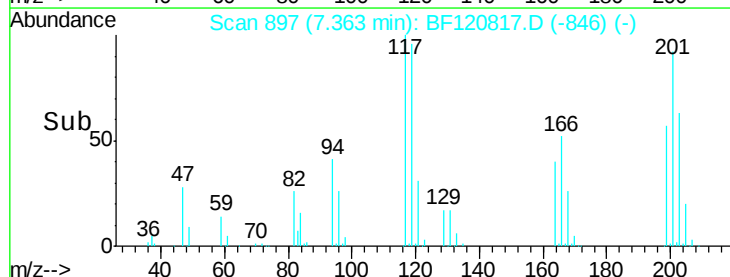
201 92.5 68.3 102.5

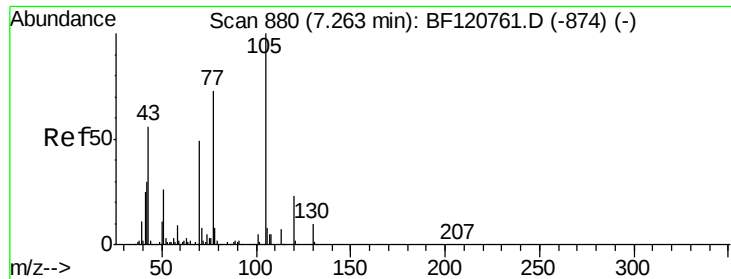


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

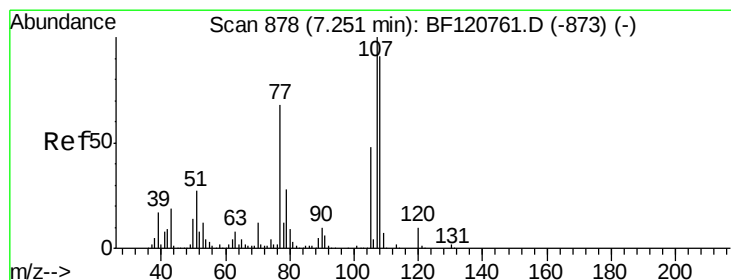
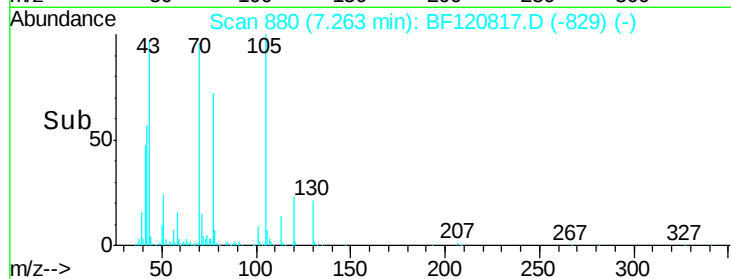
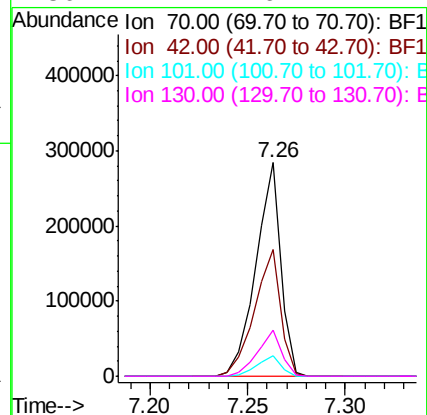
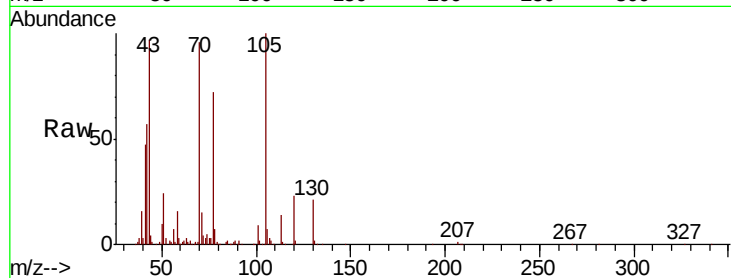




#19
n-Nitroso-di-n-propylamine
Concen: 35.826 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

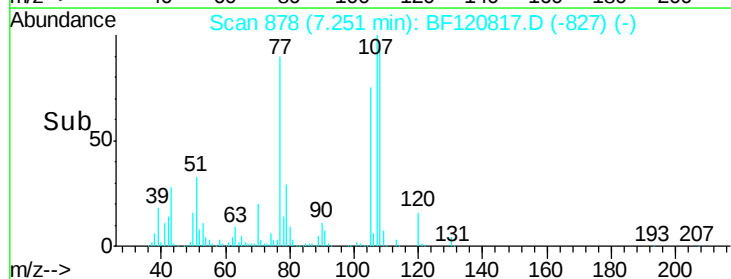
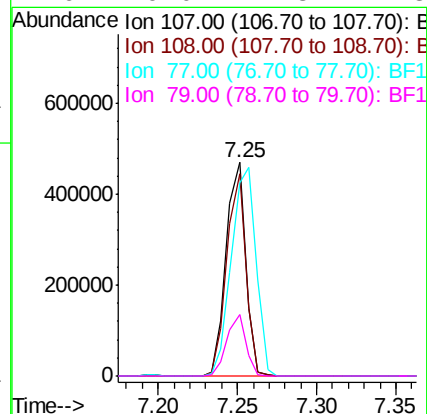
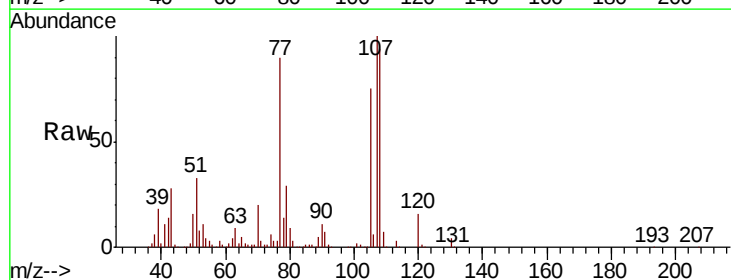
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

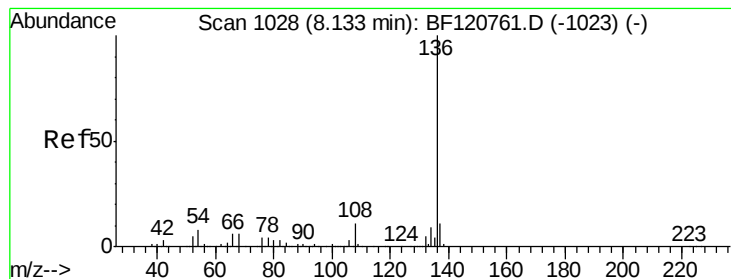
Tot Ion:	70	Resp:	251654
Ion	Ratio	Lower	Upper
70	100		
42	59.3	50.3	75.5
101	9.5	7.5	11.3
130	21.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 37.669 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion:	107	Resp:	403682
Ion	Ratio	Lower	Upper
107	100		
108	94.4	70.9	110.9
77	90.2	48.3	88.3
79	29.0	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: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 504102

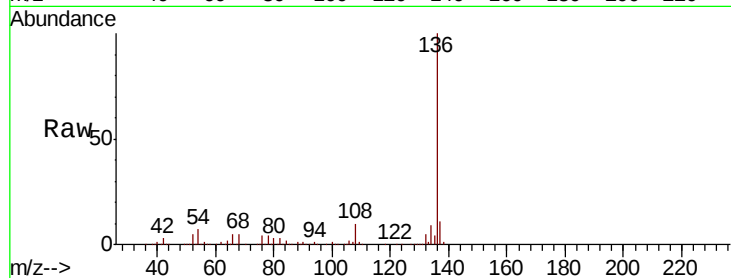
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 7.3 6.2 9.4

68 5.3 4.7 7.1

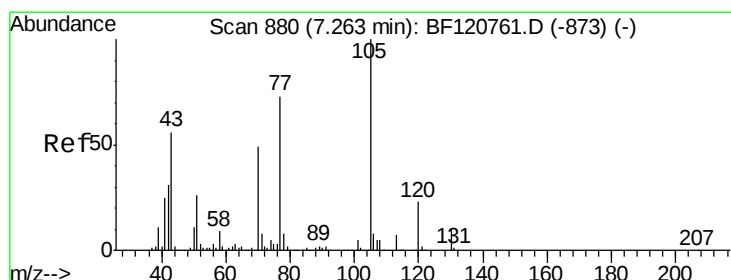
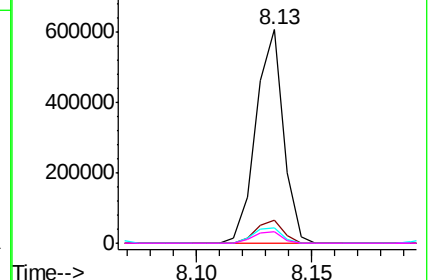
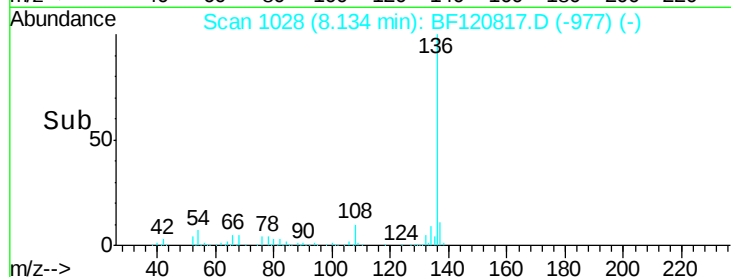


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.965 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Tgt Ion:105 Resp: 488241

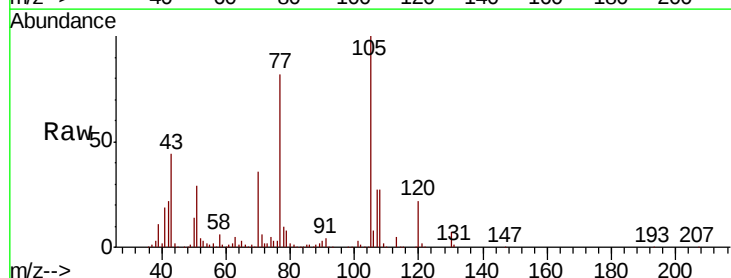
Ion Ratio Lower Upper

105 100

71 6.0 6.5 9.7#

51 29.3 21.0 31.4

120 22.5 18.6 28.0

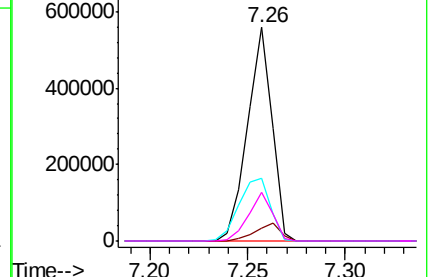
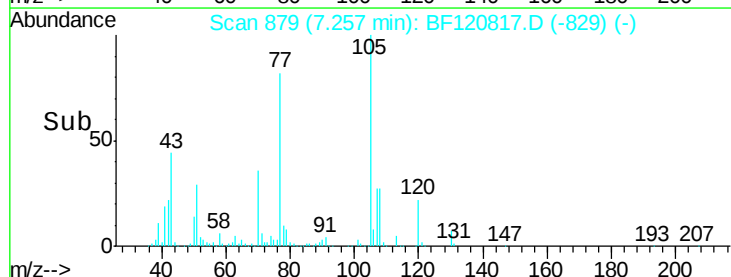


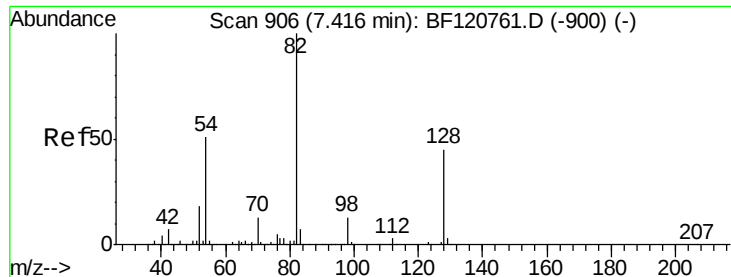
Abundance Ion 105.00 (104.70 to 105.70): E

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

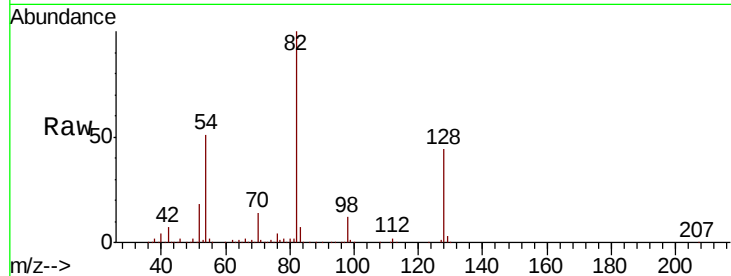




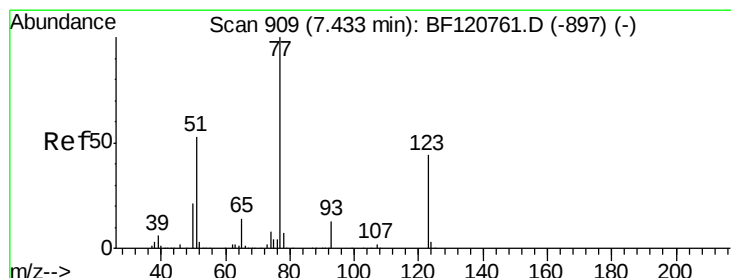
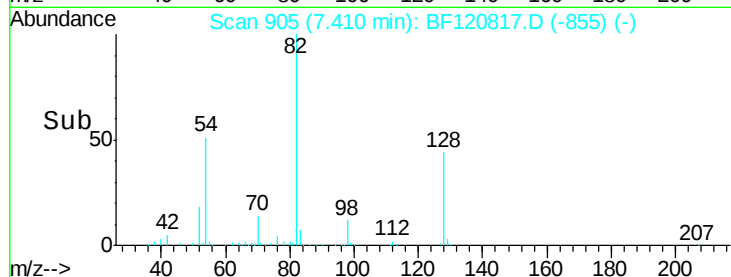
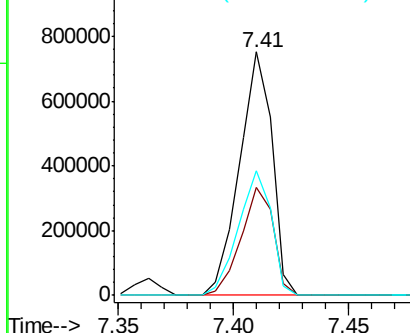
#23
Nitrobenzene-d5
Concen: 85.465 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	82	Resp	743612
Ion Ratio	Lower	Upper	
82	100		
128	44.3	35.7	53.5
54	51.1	40.9	61.3

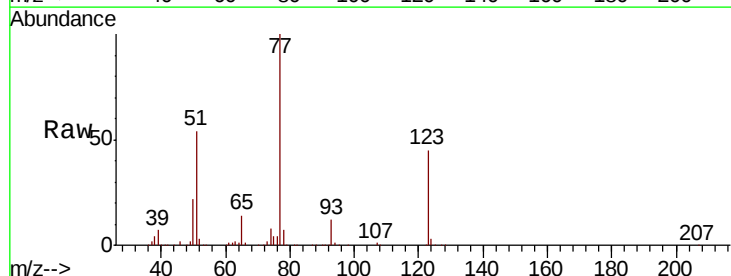


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

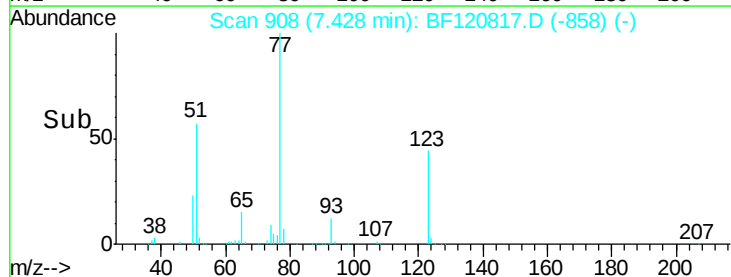
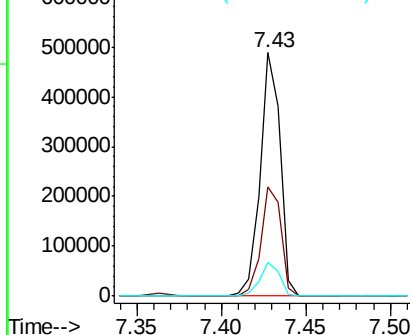


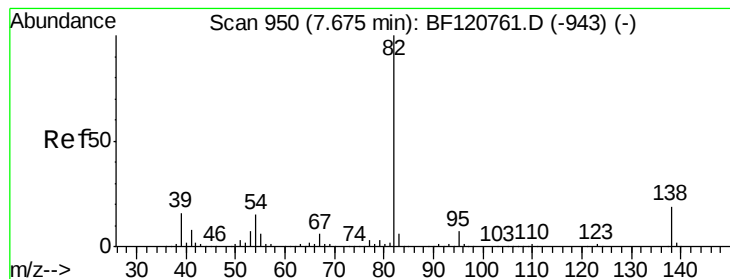
#24
Nitrobenzene
Concen: 41.365 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion	77	Resp	404103
Ion Ratio	Lower	Upper	
77	100		
123	44.7	36.1	54.1
65	14.1	11.0	16.4



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





#25

Isophorone

Concen: 36.983 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

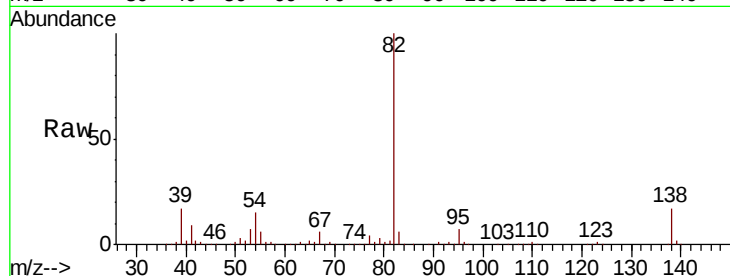
Tot Ion: 82 Resp: 693936

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

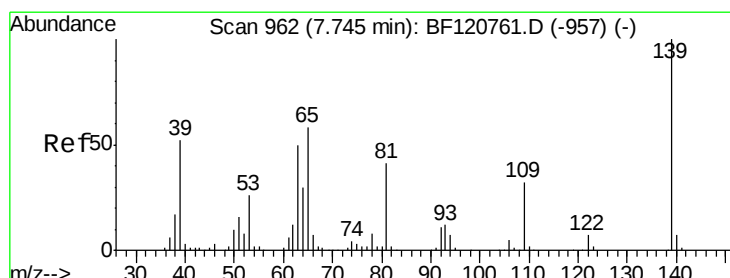
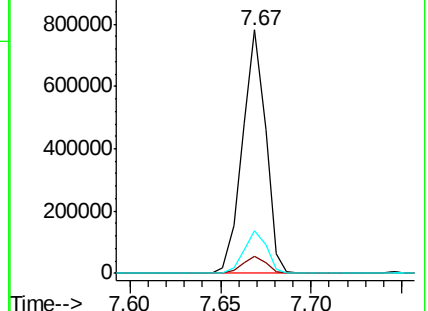
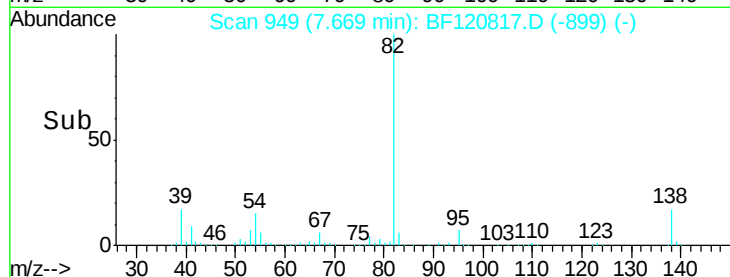
138 17.4 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.559 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

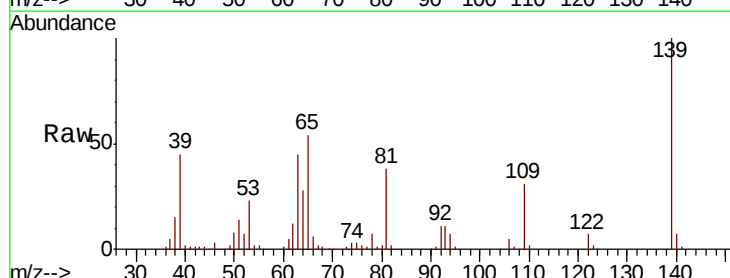
Tgt Ion: 139 Resp: 163822

Ion Ratio Lower Upper

139 100

109 31.3 25.3 37.9

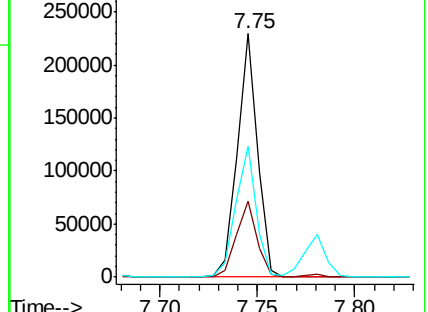
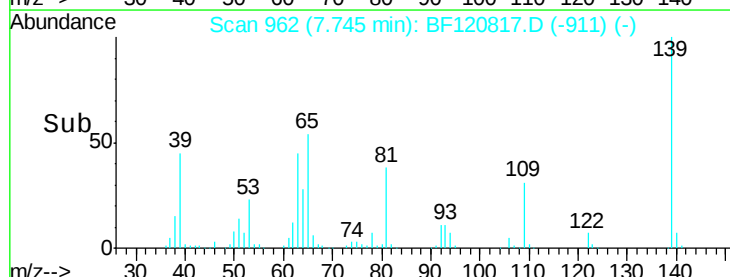
65 53.6 46.2 69.2

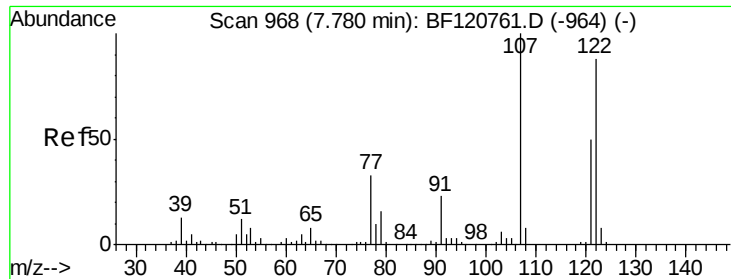


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.284 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

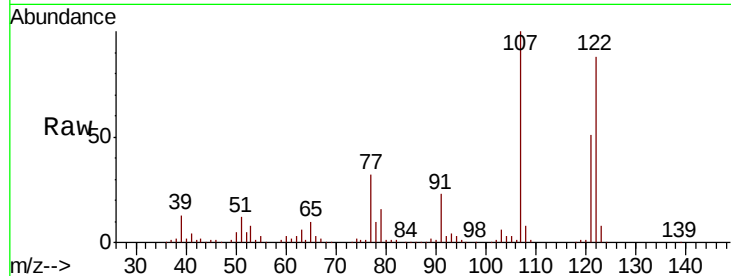
Tot Ion:122 Resp: 286762

Ion Ratio Lower Upper

122 100

107 113.7 90.7 136.1

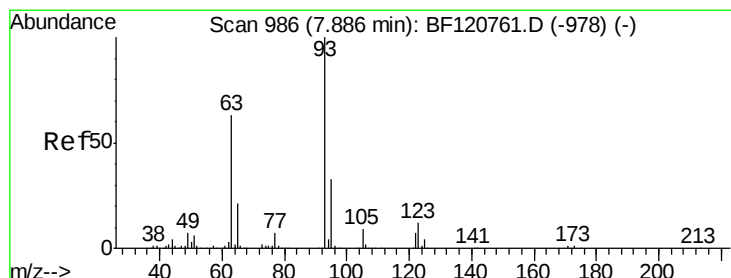
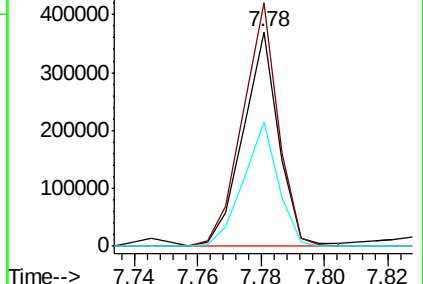
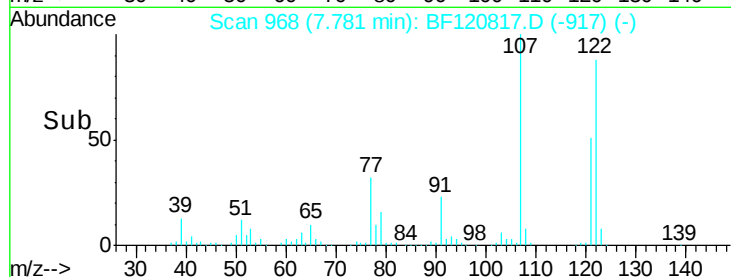
121 58.4 45.4 68.0



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: 38.563 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

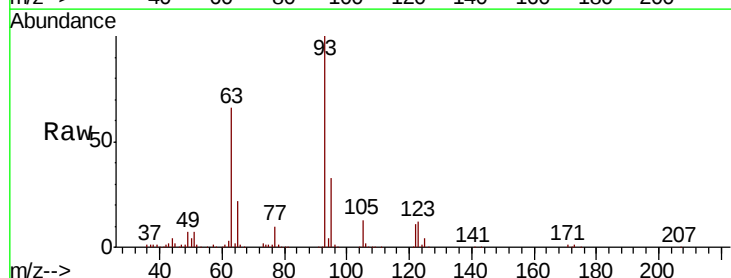
Tgt Ion: 93 Resp: 428260

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

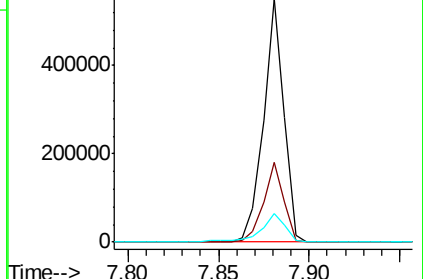
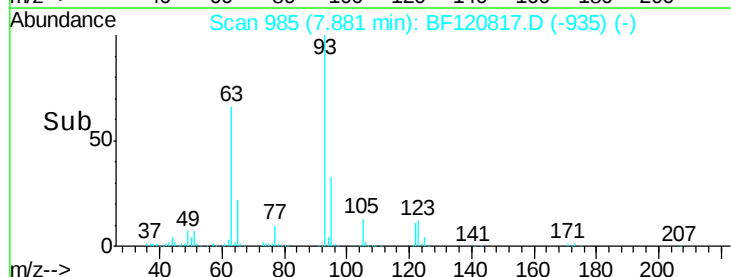
123 12.0 10.2 15.2

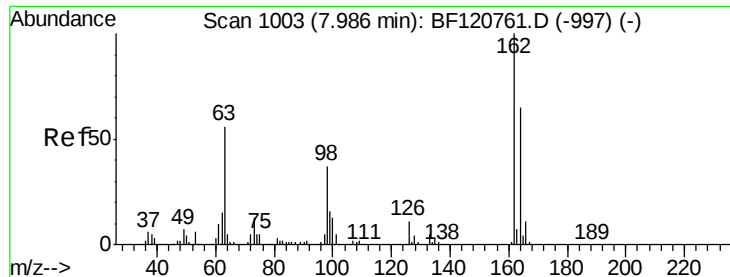


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

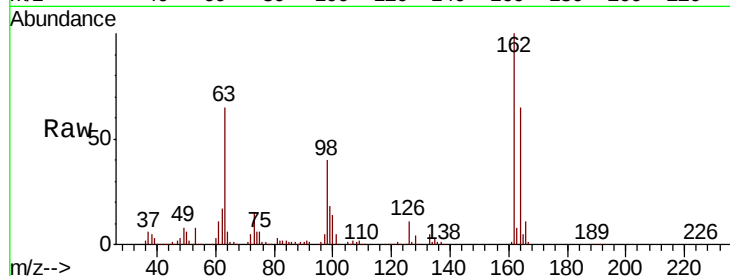




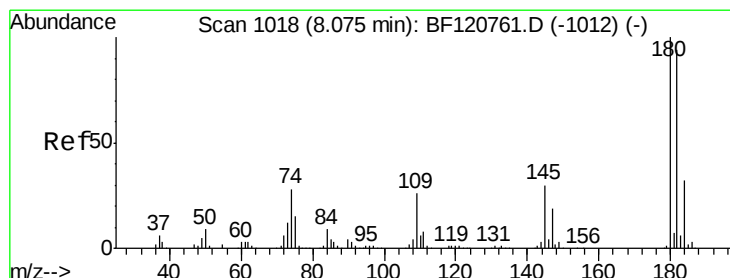
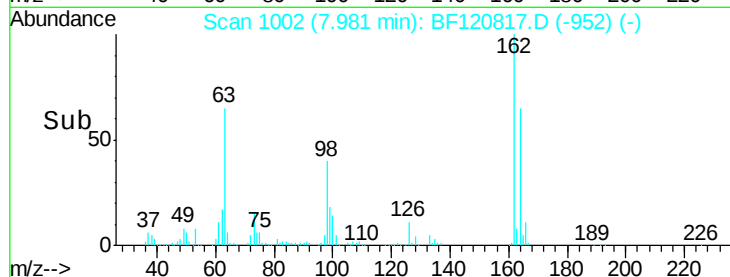
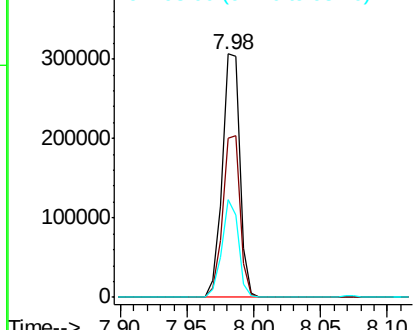
#29
2,4-Dichlorophenol
Concen: 38.596 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.2	85.2
98	39.9	17.0	57.0

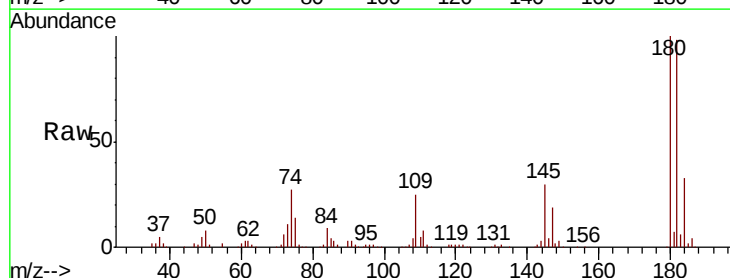


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

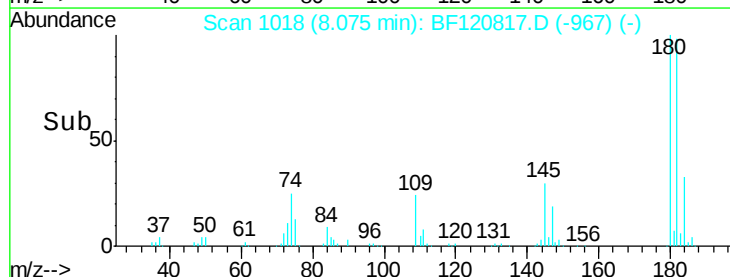
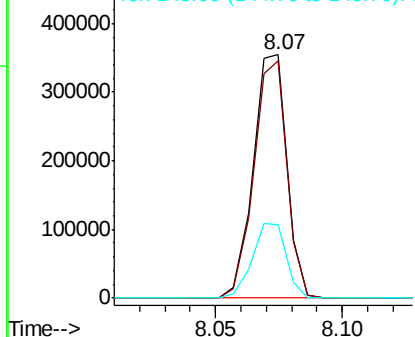


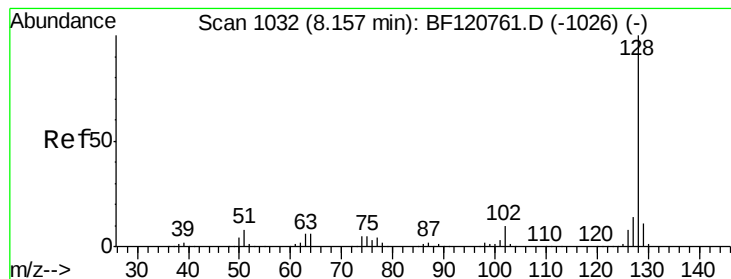
#30
1,2,4-Trichlorobenzene
Concen: 39.206 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.5	113.3
145	29.9	24.1	36.1



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





#31

Naphthalene

Concen: 38.747 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

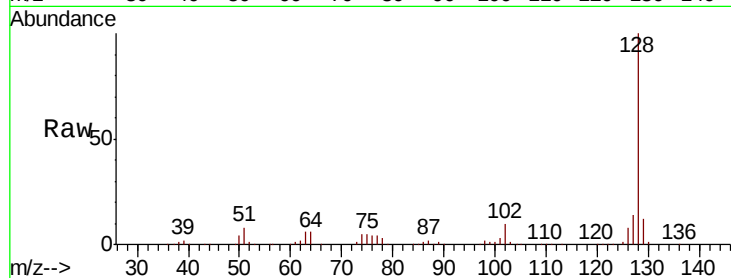
Tot Ion:128 Resp: 1043868

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

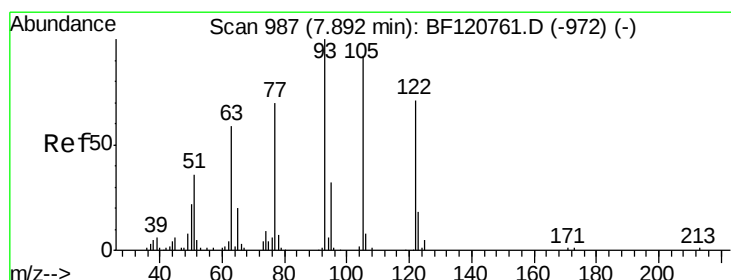
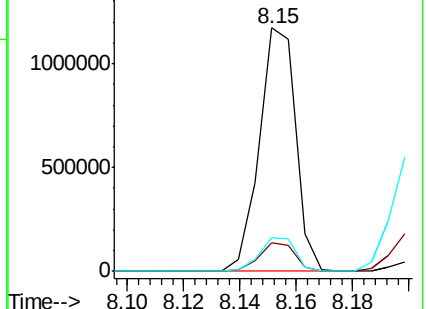
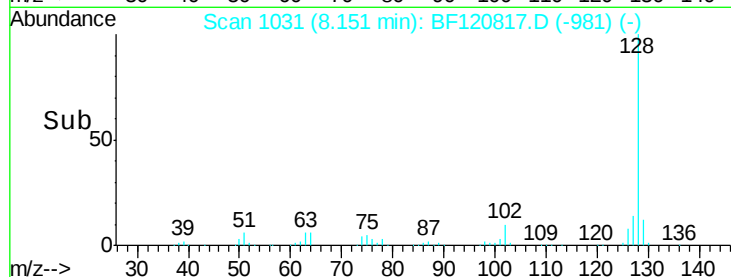
127 13.6 11.1 16.7



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: 36.669 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

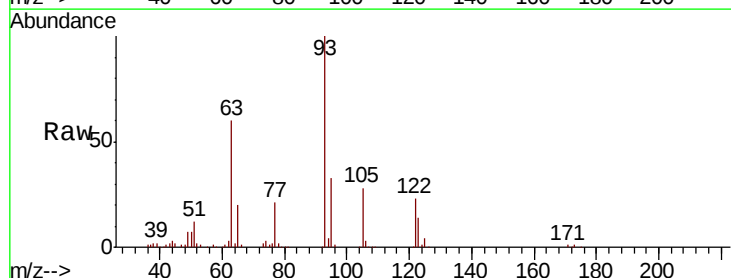
Tgt Ion:122 Resp: 188420

Ion Ratio Lower Upper

122 100

105 121.4 105.8 145.8

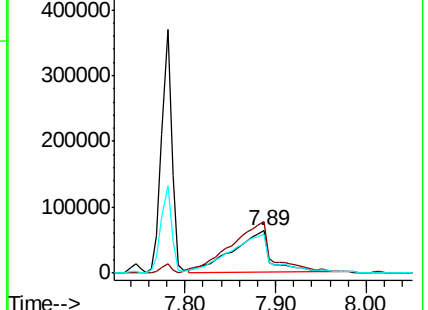
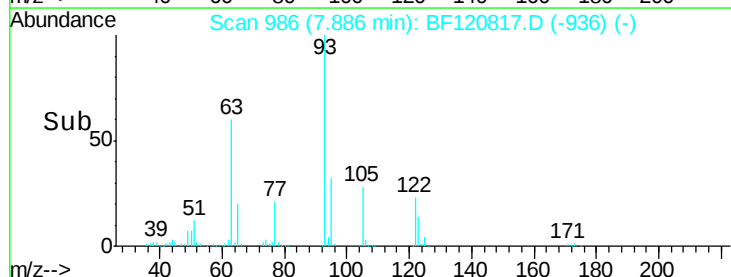
77 92.8 77.3 117.3



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

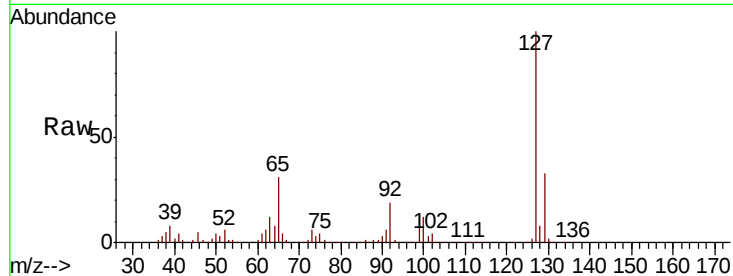




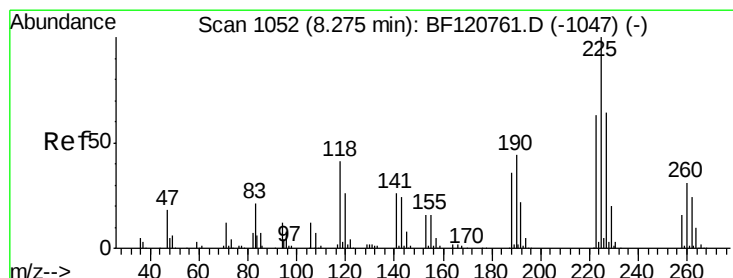
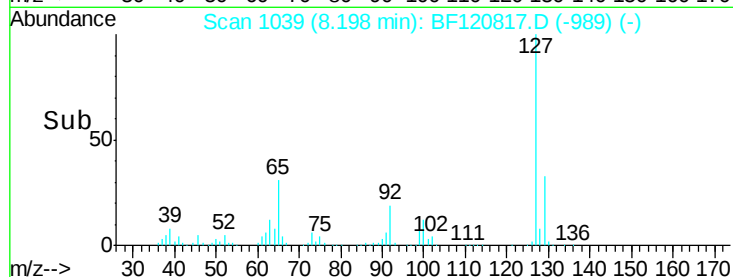
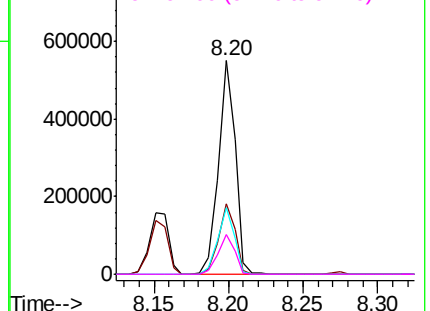
#33
4-Chloroaniline
Concen: 37.830 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	432467
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	31.1	22.7	34.1
92	18.7	14.3	21.5

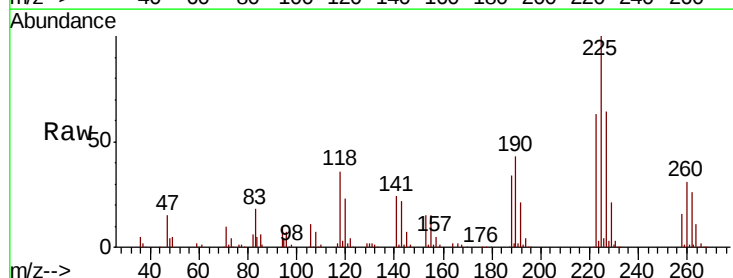


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

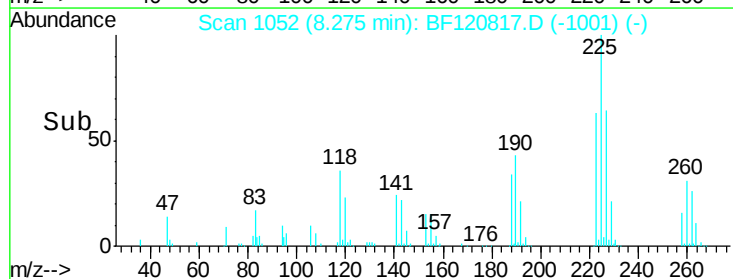
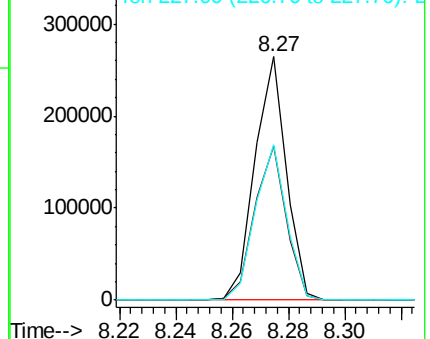


#34
Hexachlorobutadiene
Concen: 40.472 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion:	225	Resp:	204437
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.6	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

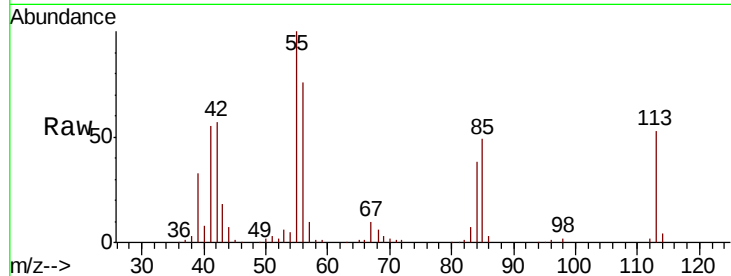




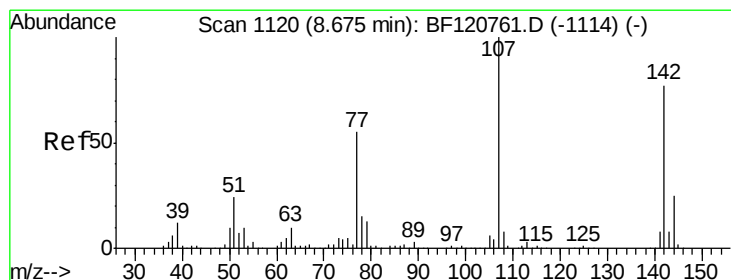
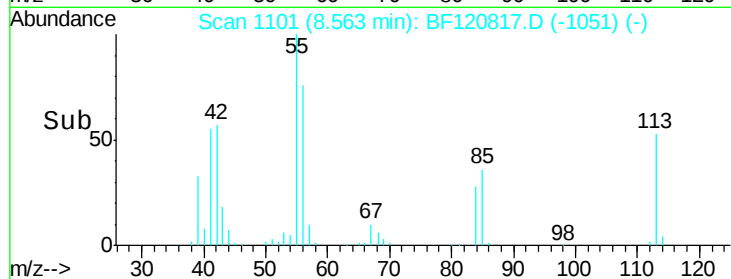
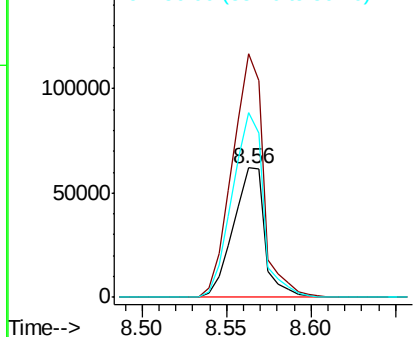
#35
 Caprolactam
 Concen: 37.233 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF120817.D
 Acq: 9 Jul 2020 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 81125
 Ion Ratio Lower Upper
 113 100
 55 187.8 168.3 208.3
 56 142.2 118.8 158.8

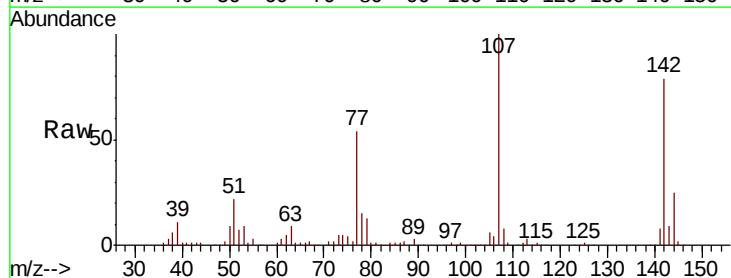


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

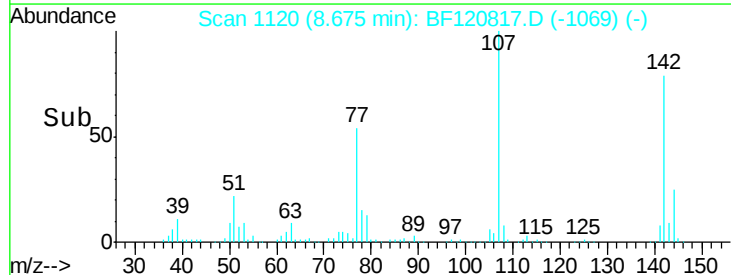
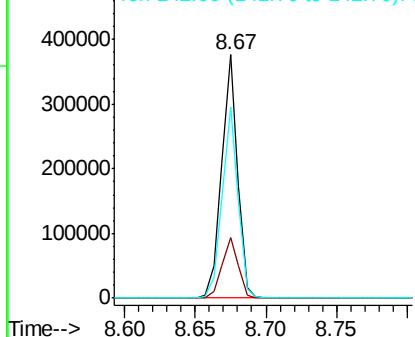


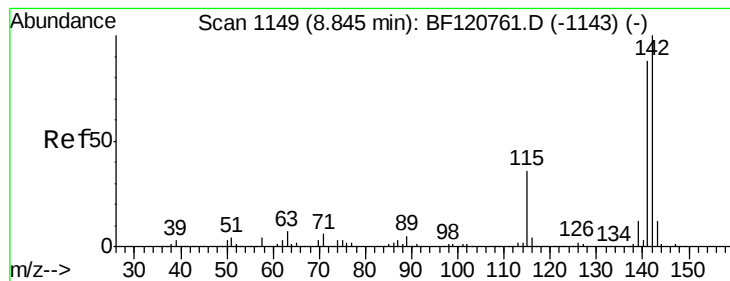
#36
 4-Chloro-3-methylphenol
 Concen: 37.925 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF120817.D
 Acq: 9 Jul 2020 14:54

Tgt Ion:107 Resp: 294995
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.7 29.5
 142 78.5 61.2 91.8



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





#37

2-Methylnaphthalene

Concen: 38.508 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

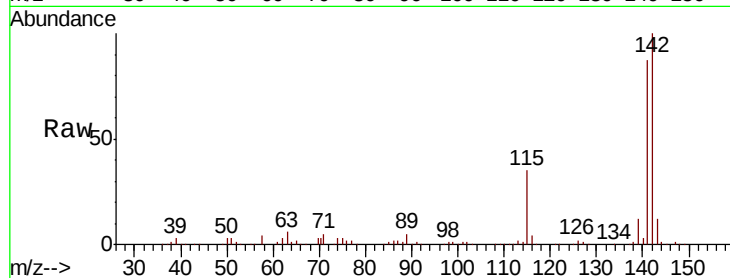
Tot Ion:142 Resp: 674395

Ion Ratio Lower Upper

142 100

141 87.4 70.2 105.4

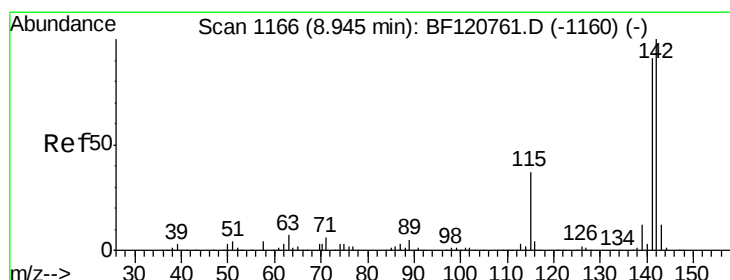
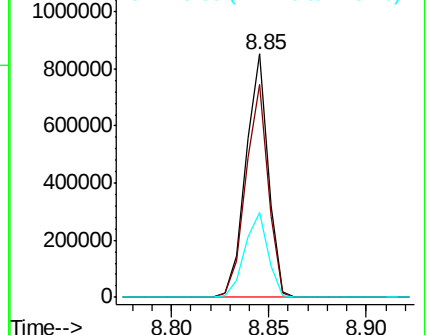
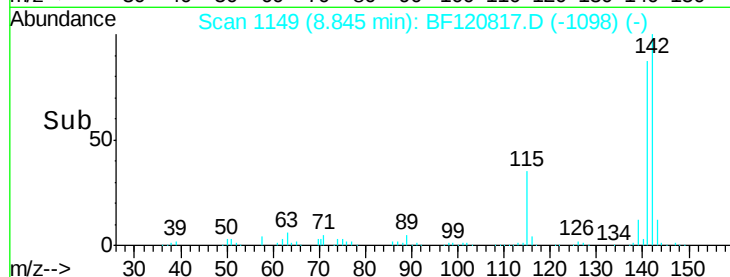
115 35.1 29.0 43.4



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: 38.574 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

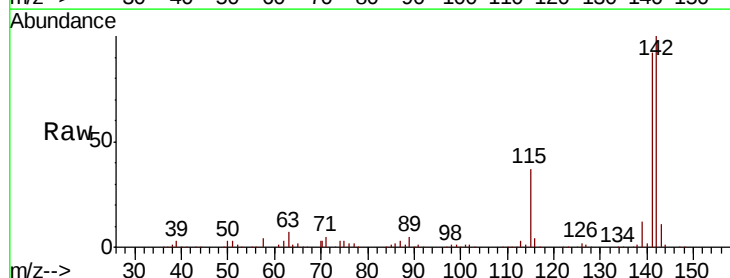
Tgt Ion:142 Resp: 632788

Ion Ratio Lower Upper

142 100

141 91.7 72.5 108.7

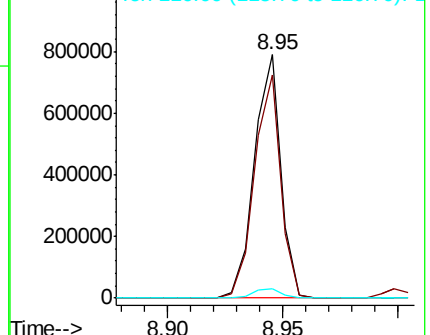
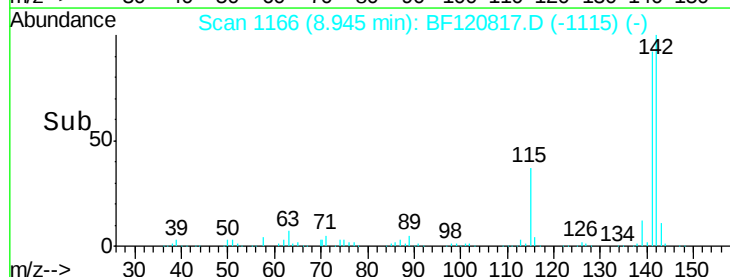
116 3.7 3.1 4.7

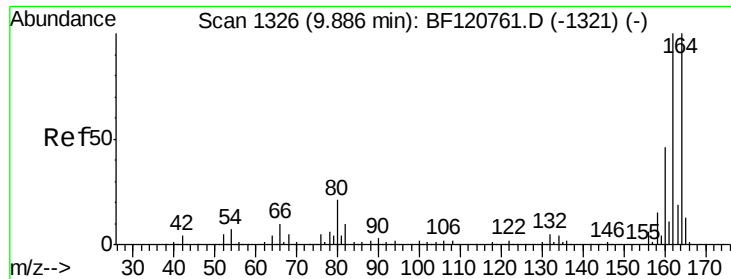


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

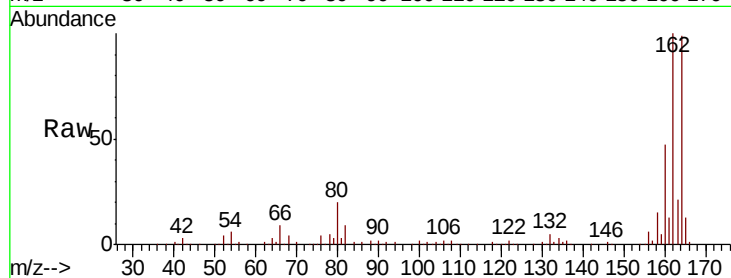




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	47.3	36.9	55.3

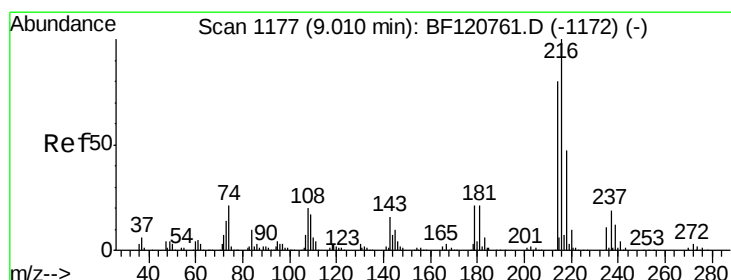
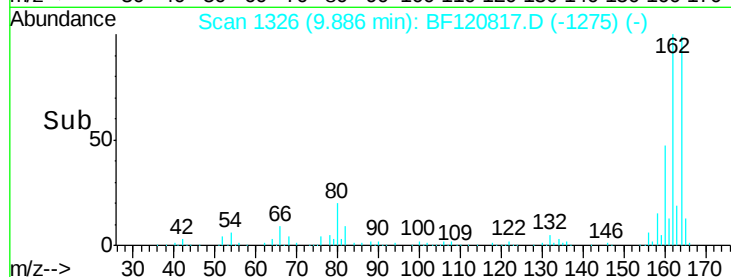
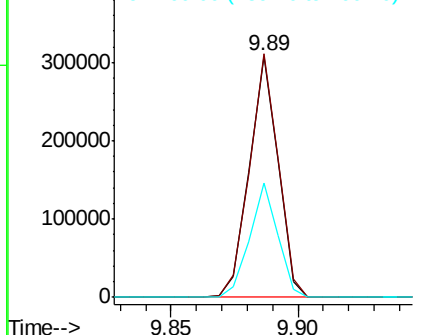


Abundance

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: 40.865 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.7	95.5
179	21.6	16.7	25.1
108	21.1	17.0	25.4

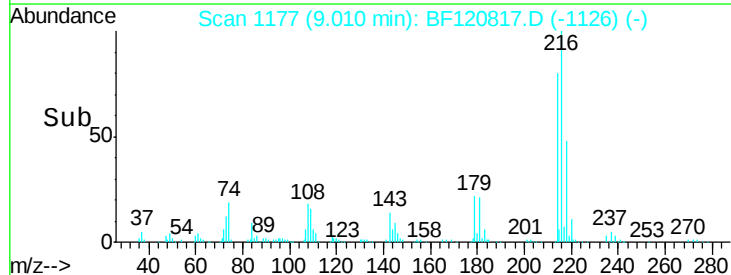
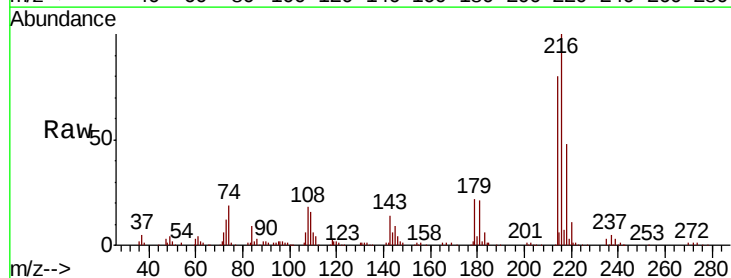
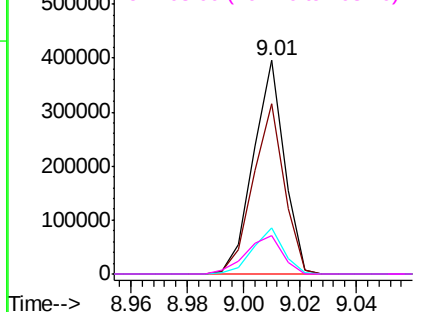
Abundance

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: 39.267 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

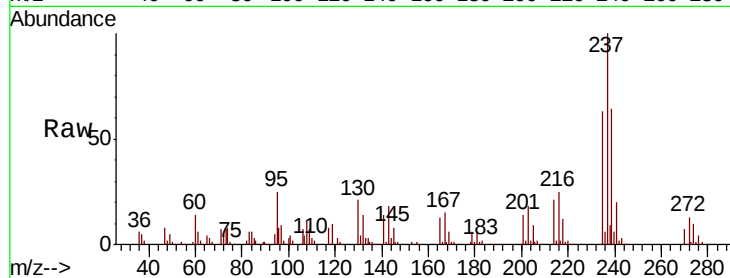
Tot Ion:237 Resp: 171357

Ion Ratio Lower Upper

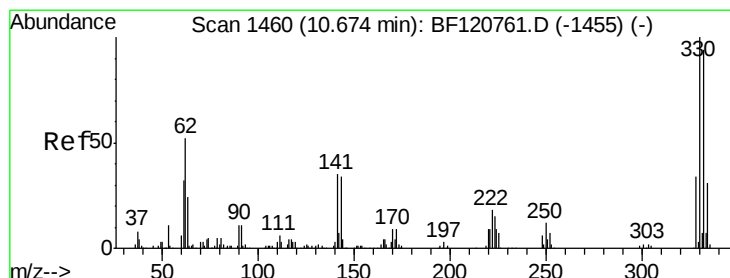
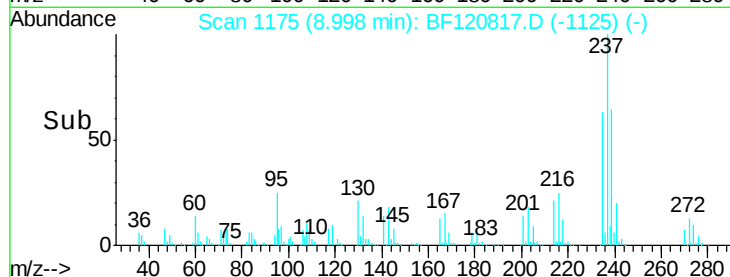
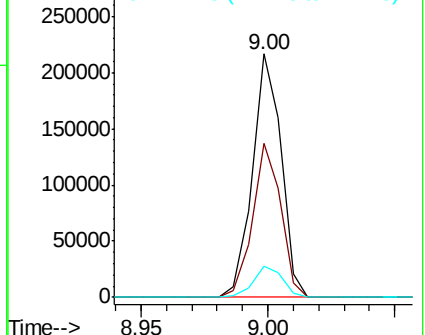
237 100

235 63.2 42.1 82.1

272 12.7 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: 80.974 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

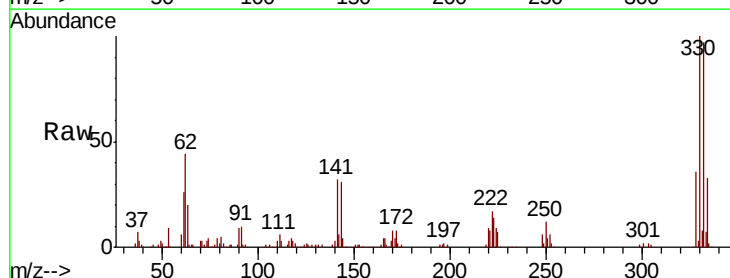
Tgt Ion:330 Resp: 198809

Ion Ratio Lower Upper

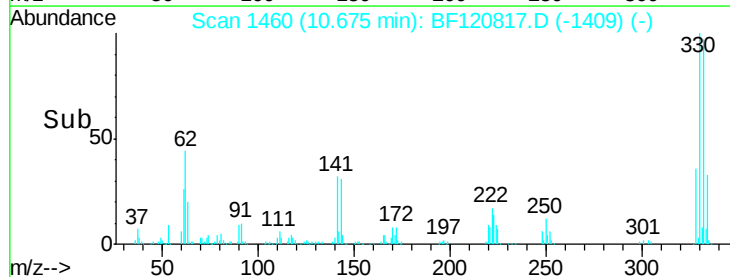
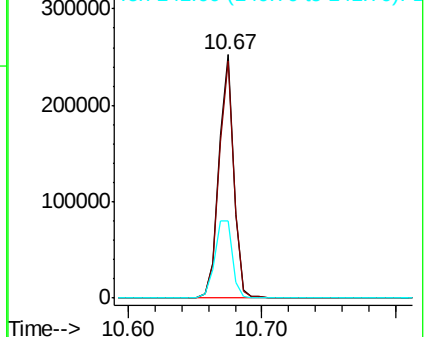
330 100

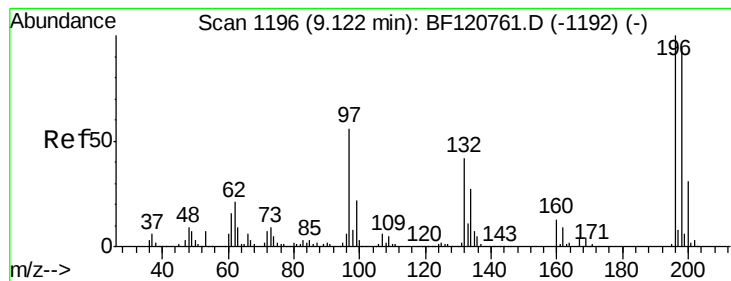
332 97.3 75.8 113.6

141 38.6 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

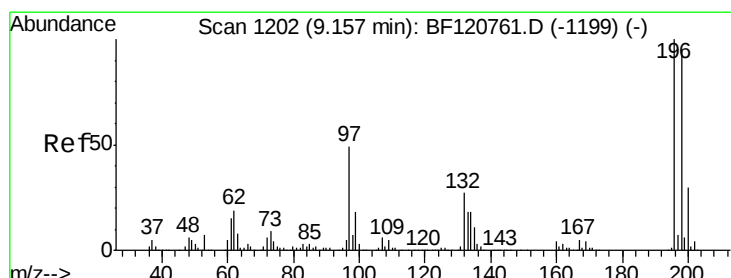
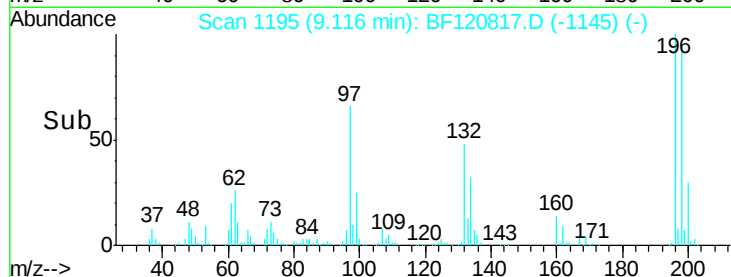
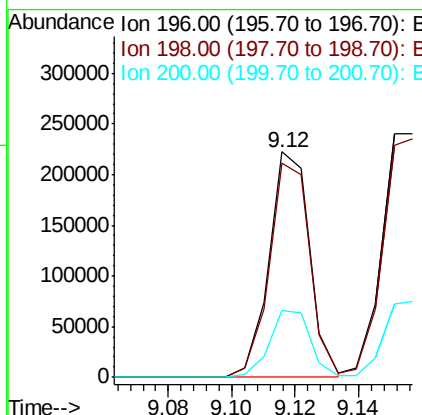
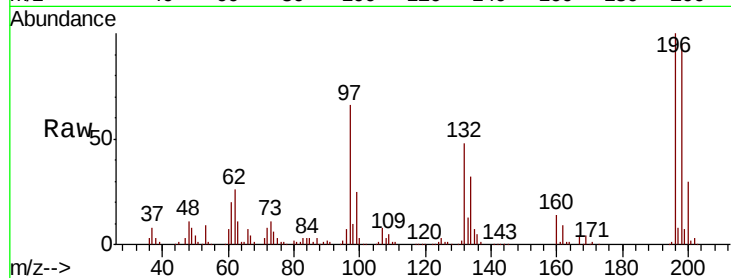




#43
 2,4,6-Trichlorophenol
 Concen: 39.284 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF120817.D
 Acq: 9 Jul 2020 14:54

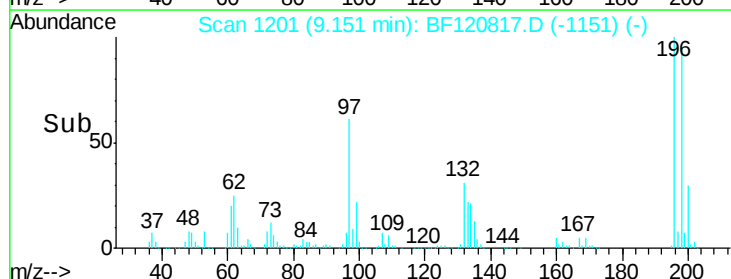
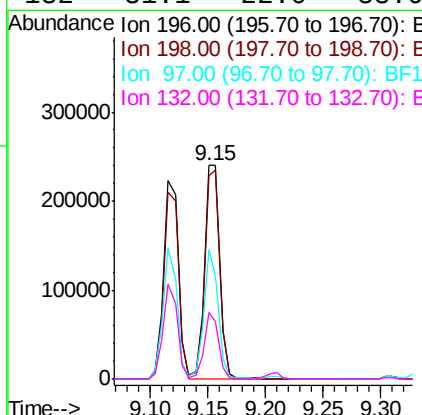
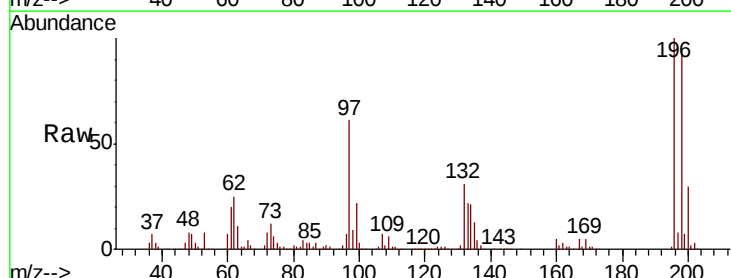
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

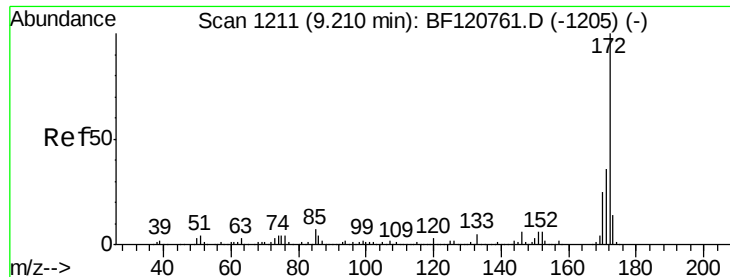
Tot Ion:196 Resp: 197710
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.3 112.9
 200 29.8 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.953 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120817.D
 Acq: 9 Jul 2020 14:54

Tgt Ion:196 Resp: 223150
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.2 114.2
 97 60.5 39.6 59.4#
 132 31.1 22.0 33.0

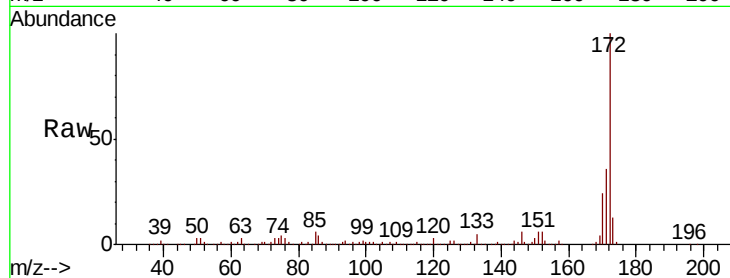




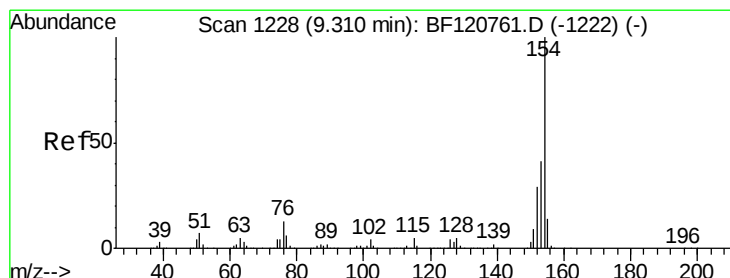
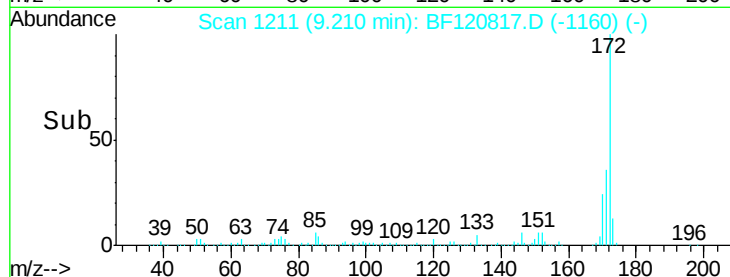
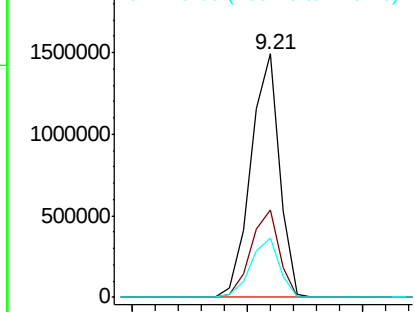
#45
2-Fluorobiphenyl
Concen: 80.170 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 1294990
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 24.5 19.8 29.6

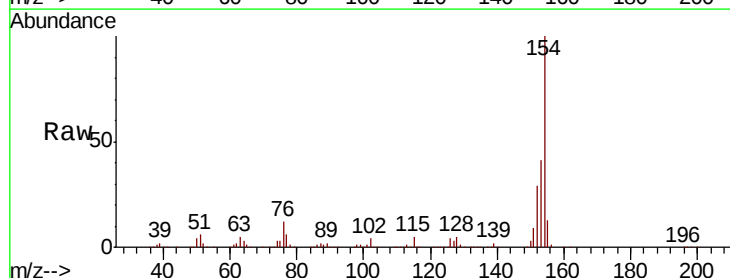


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

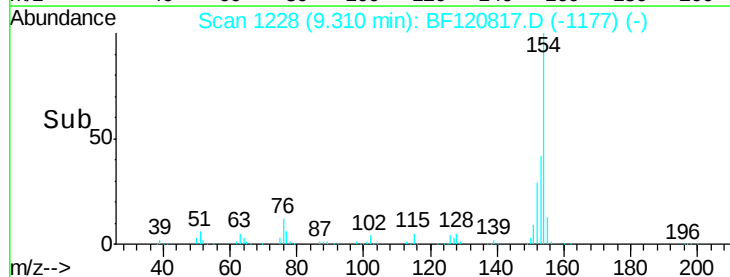
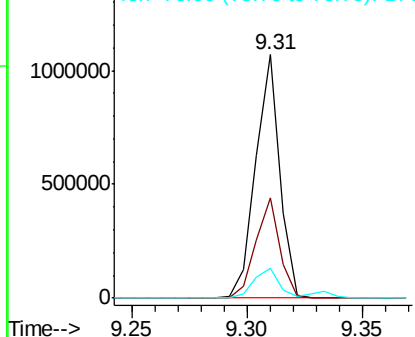


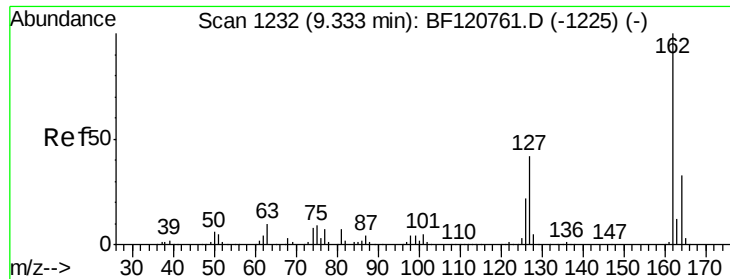
#46
1,1'-Biphenyl
Concen: 39.772 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion:154 Resp: 784022
Ion Ratio Lower Upper
154 100
153 41.4 20.7 60.7
76 12.1 0.0 33.3



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

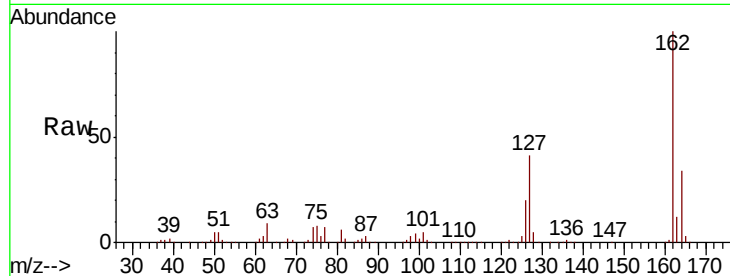




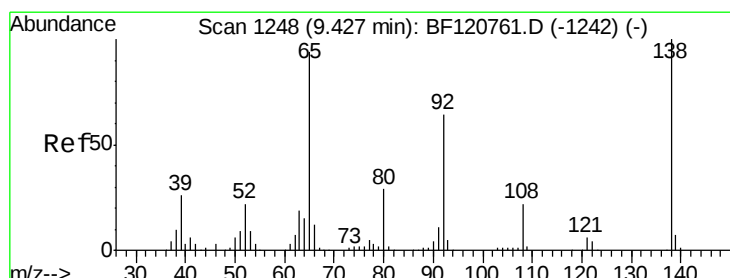
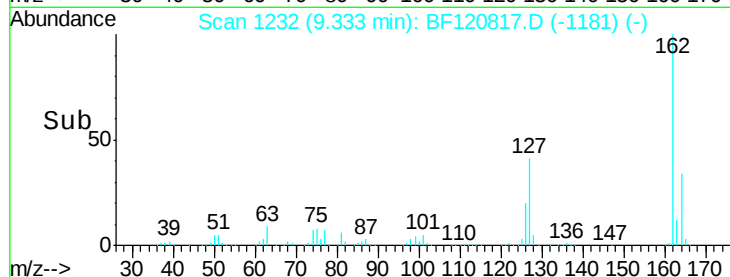
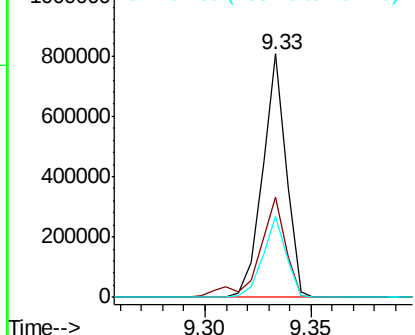
#47
2-Chloronaphthalene
Concen: 39.523 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:162 Resp: 624166
Ion Ratio Lower Upper
162 100
127 41.3 33.7 50.5
164 33.5 26.4 39.6

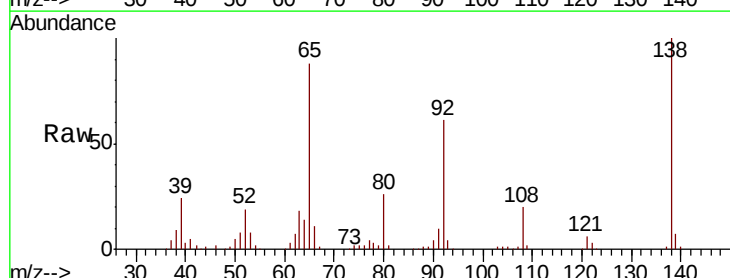


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

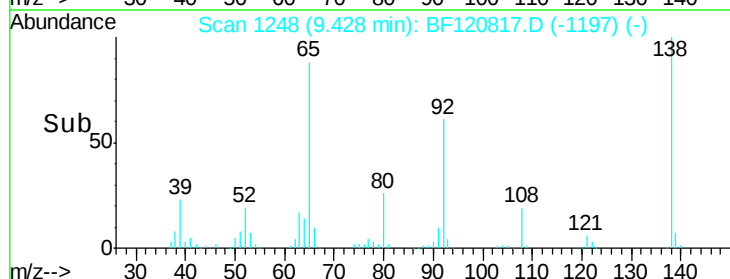
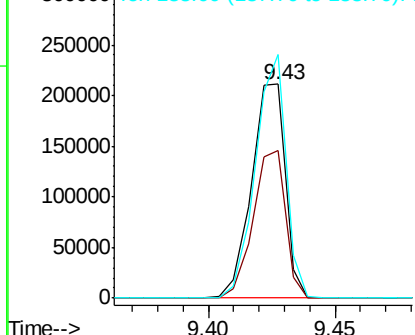


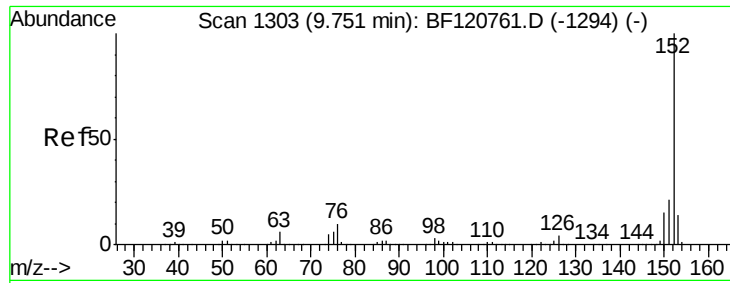
#48
2-Nitroaniline
Concen: 42.157 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion: 65 Resp: 197753
Ion Ratio Lower Upper
65 100
92 69.1 54.4 81.6
138 113.8 84.7 127.1



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





#49

Acenaphthylene

Concen: 38.639 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

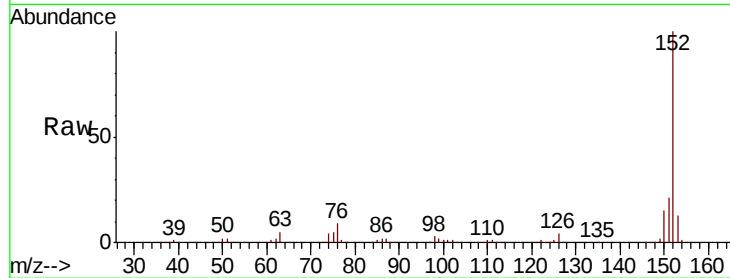
Tot Ion:152 Resp: 956683

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

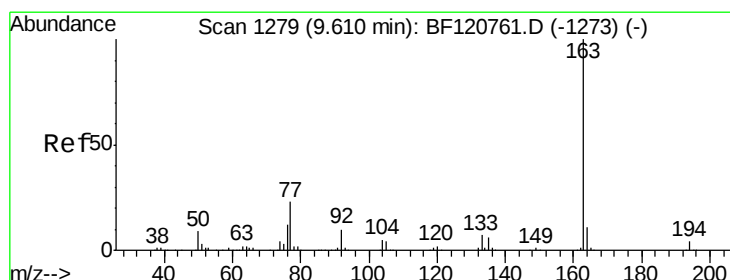
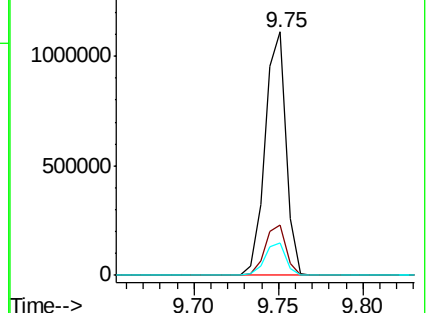
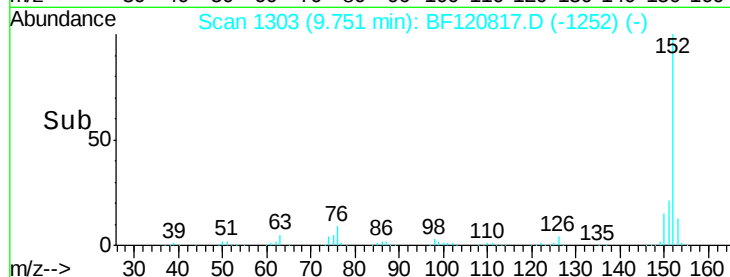
153 13.2 10.8 16.2



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: 38.681 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

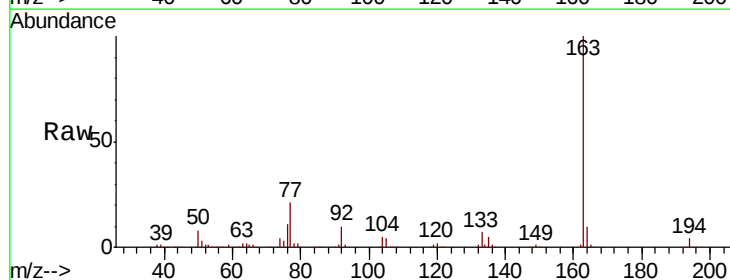
Tgt Ion:163 Resp: 689584

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

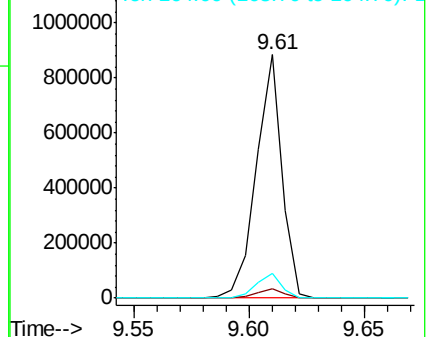
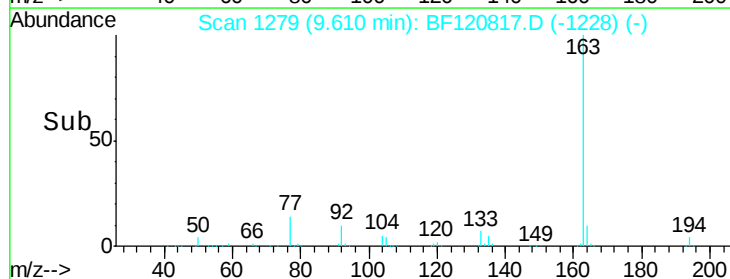
164 10.3 8.5 12.7

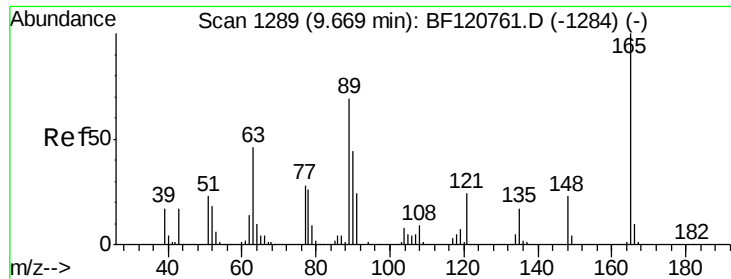


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

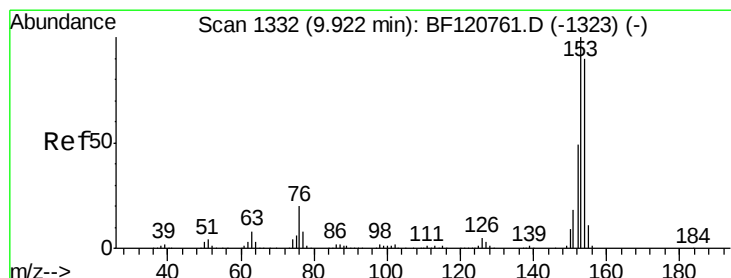
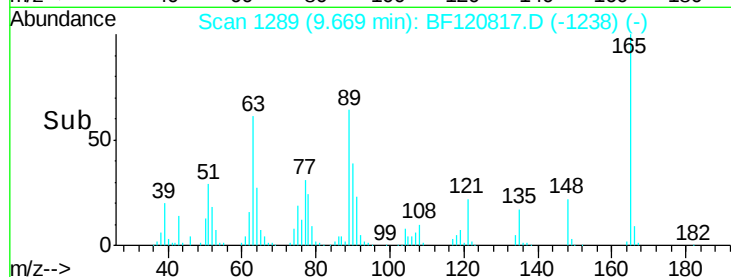
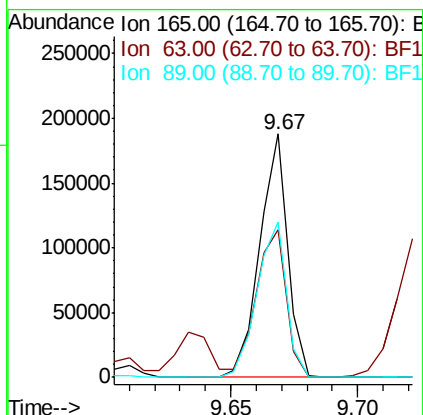
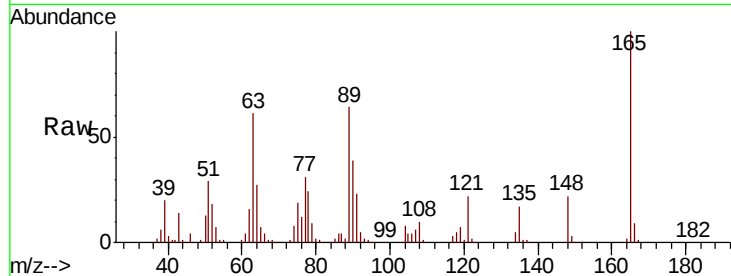




#51
 2,6-Dinitrotoluene
 Concen: 41.003 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF120817.D
 Acq: 9 Jul 2020 14:54

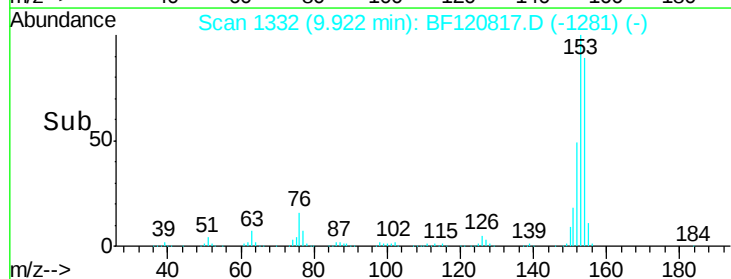
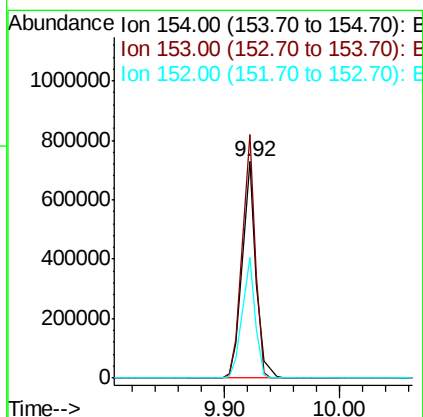
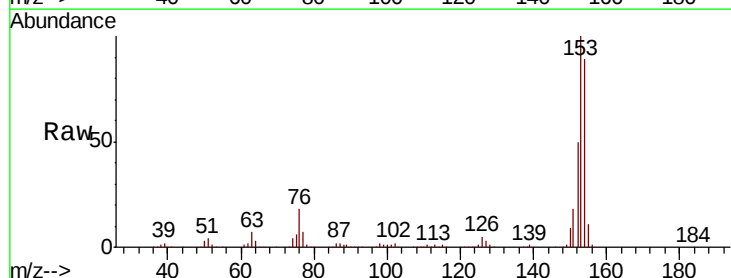
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

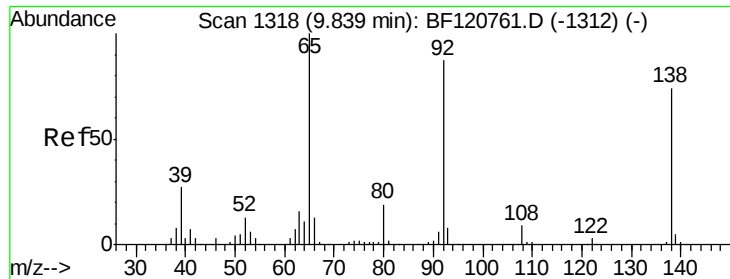
Tot Ion:165 Resp: 144041
 Ion Ratio Lower Upper
 165 100
 63 60.6 54.0 81.0
 89 63.8 55.4 83.2



#52
 Acenaphthene
 Concen: 39.431 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120817.D
 Acq: 9 Jul 2020 14:54

Tgt Ion:154 Resp: 605676
 Ion Ratio Lower Upper
 154 100
 153 112.5 88.6 132.8
 152 55.8 43.6 65.4

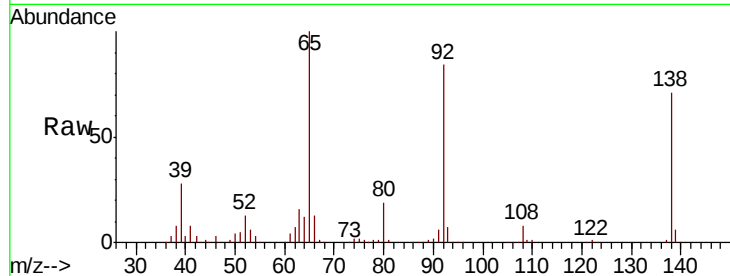




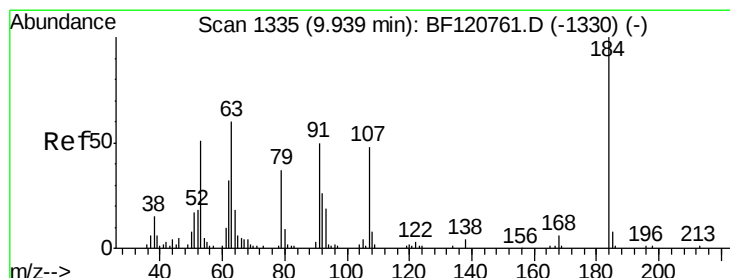
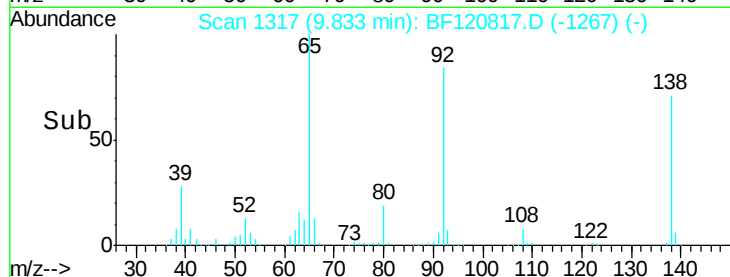
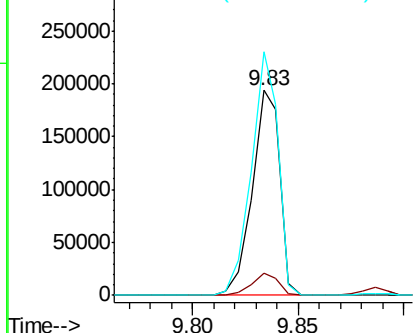
#53
3-Nitroaniline
Concen: 40.816 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 175895
Ion Ratio Lower Upper
138 100
108 10.6 9.8 14.6
92 118.7 93.4 140.2

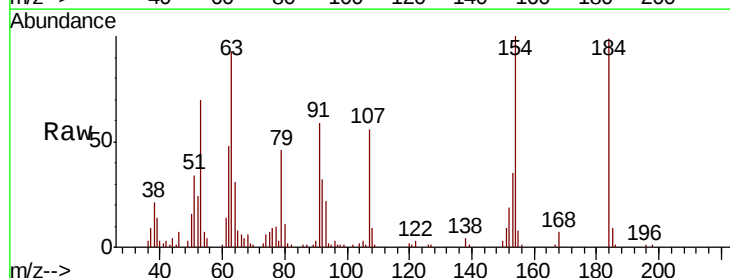


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

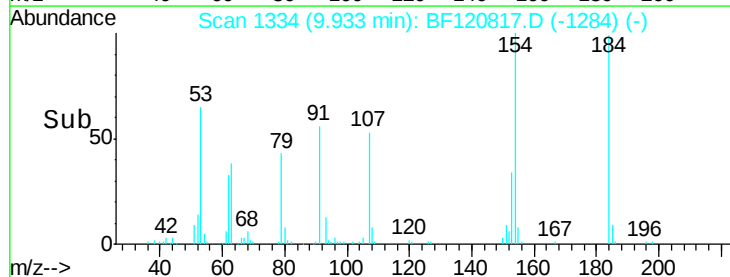
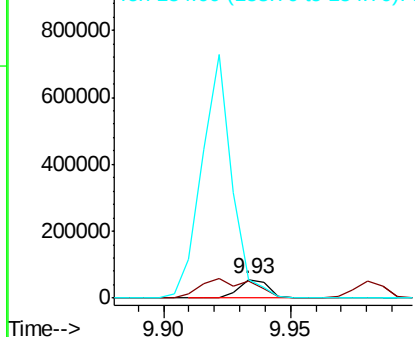


#54
2,4-Dinitrophenol
Concen: 38.940 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion:184 Resp: 46537
Ion Ratio Lower Upper
184 100
63 93.8 57.3 85.9#
154 100.7 55.8 83.6#



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

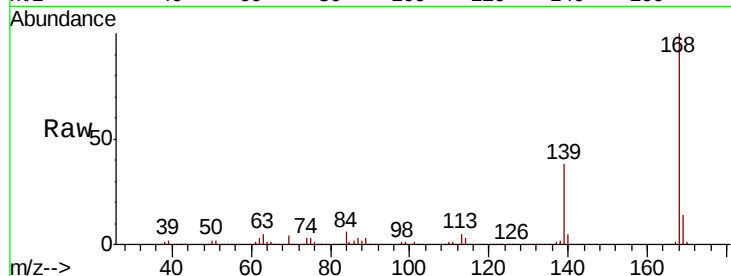




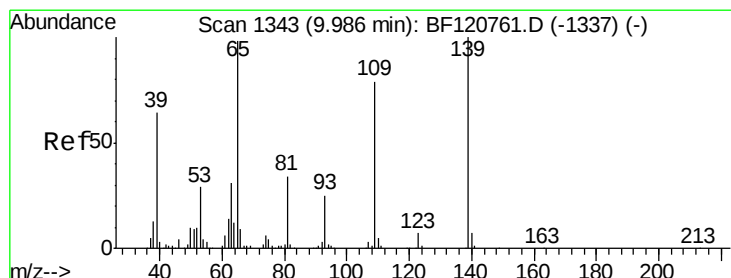
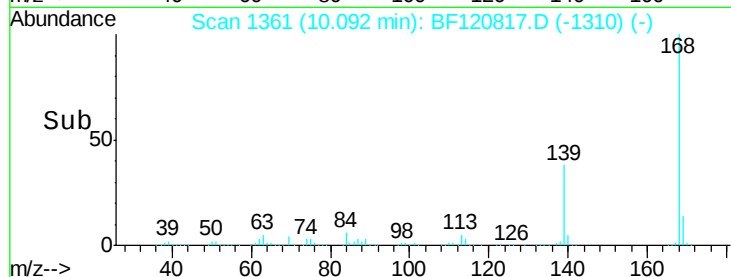
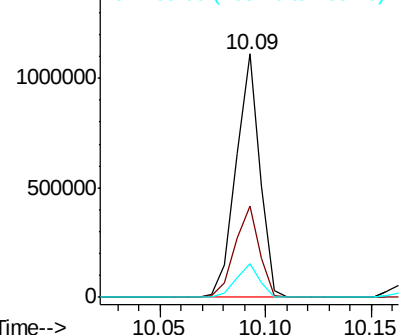
#55
Dibenzenofuran
Concen: 39.302 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 870185
Ion Ratio Lower Upper
168 100
139 37.6 31.3 46.9
169 13.8 11.2 16.8

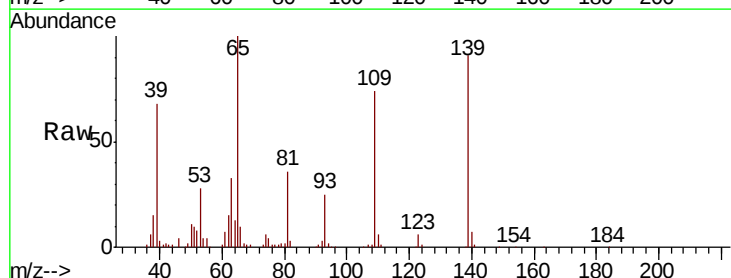


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

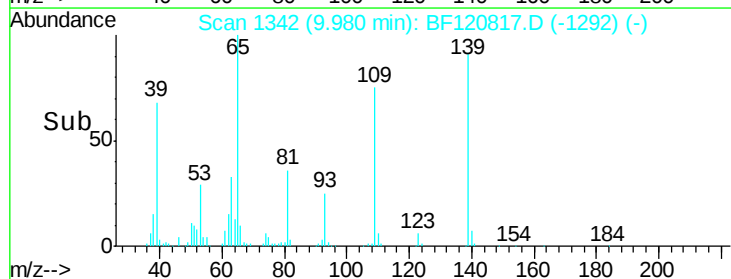
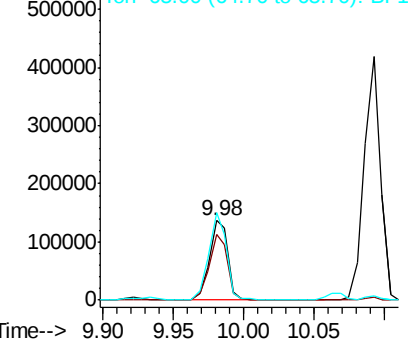


#56
4-Nitrophenol
Concen: 39.210 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion:139 Resp: 124616
Ion Ratio Lower Upper
139 100
109 81.8 58.6 98.6
65 109.9 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: 42.178 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:165 Resp: 184385

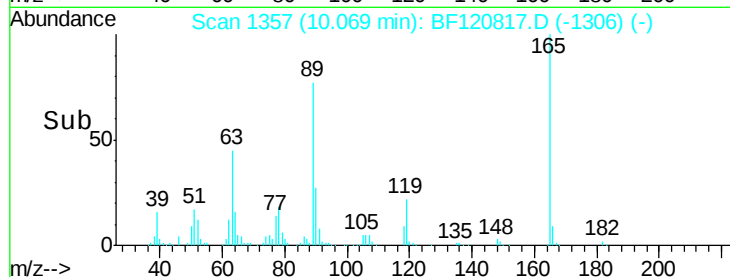
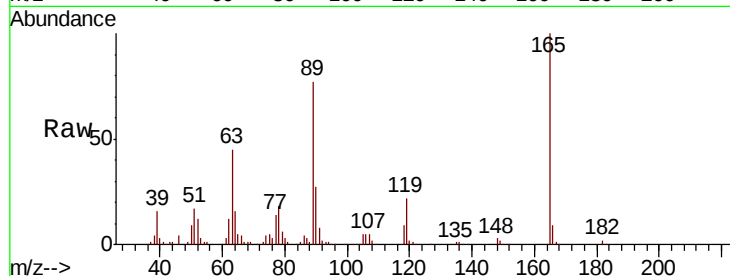
Ion Ratio Lower Upper

165 100

63 45.1 43.8 65.8

89 77.3 71.4 107.2

182 2.1 1.8 2.6

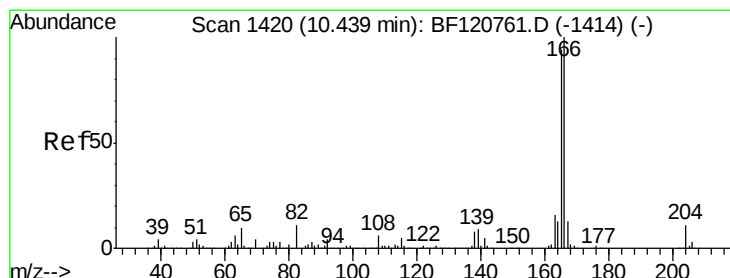
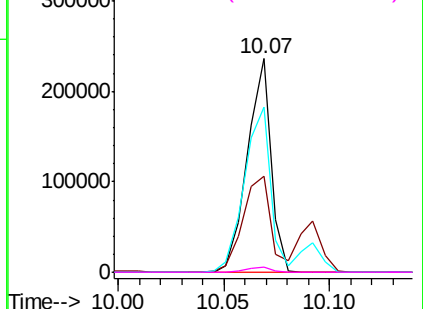


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.402 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

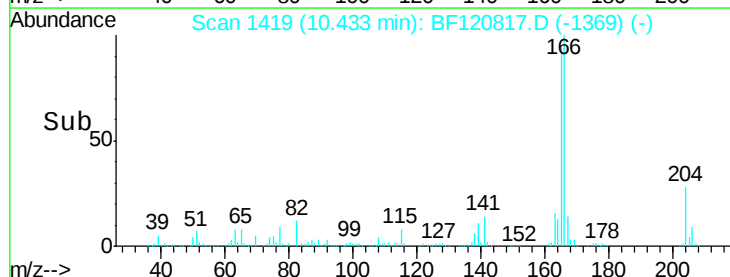
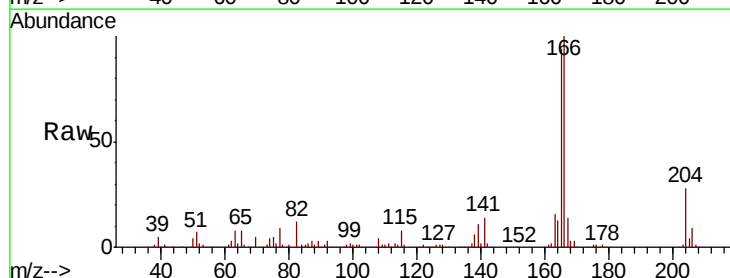
Tgt Ion:166 Resp: 649353

Ion Ratio Lower Upper

166 100

165 94.3 75.5 113.3

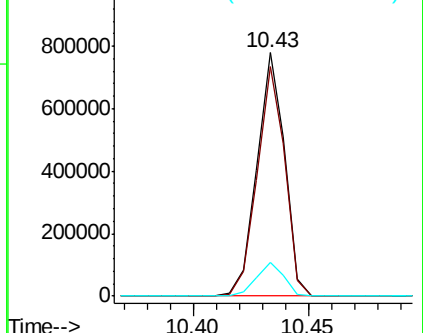
167 13.8 10.6 16.0

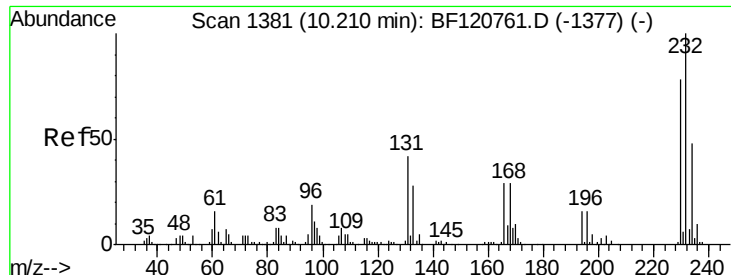


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

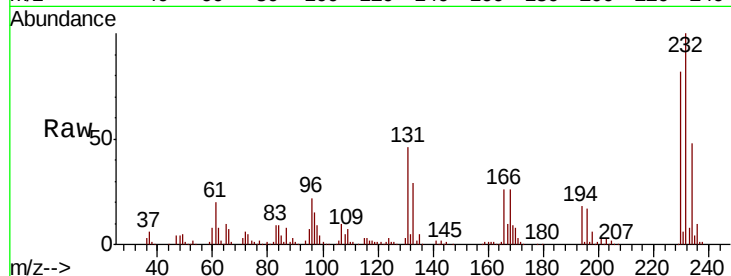




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.560 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.8	36.3	54.5
130	2.8	2.0	3.0
166	26.5	20.9	31.3

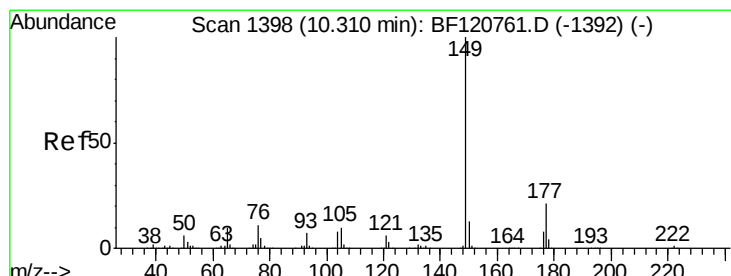
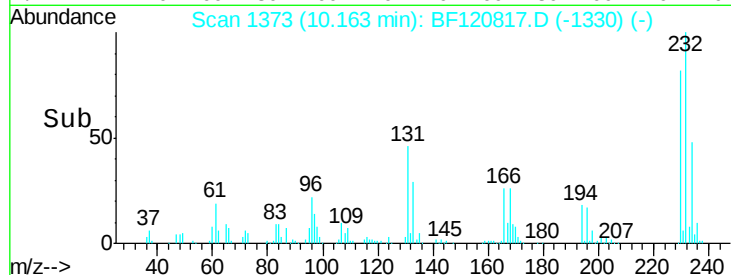
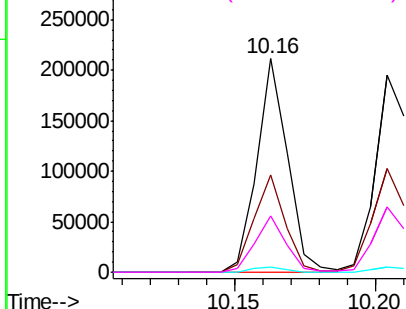


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

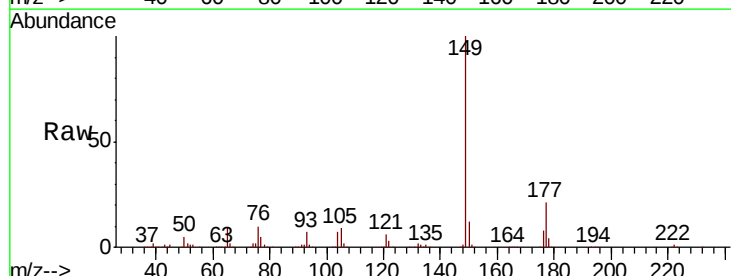
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.772 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

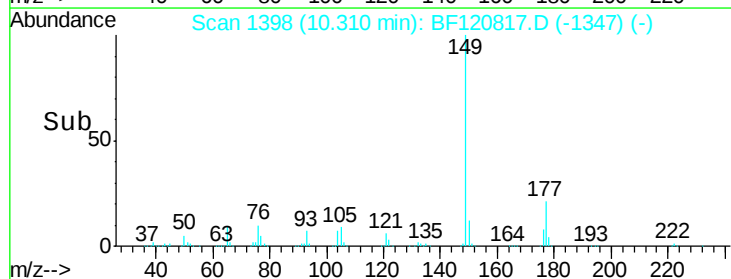
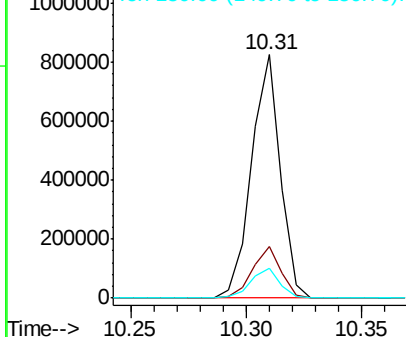
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.4	24.6
150	12.2	10.2	15.4



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

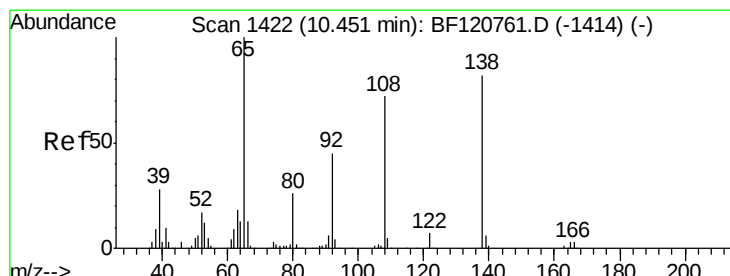
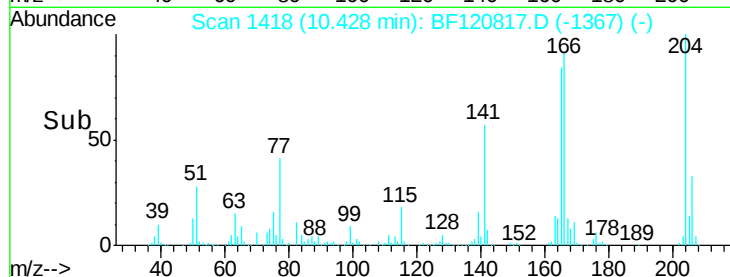
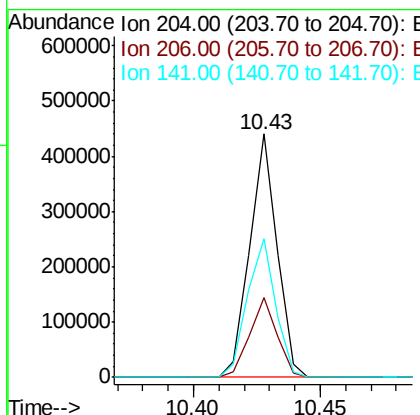
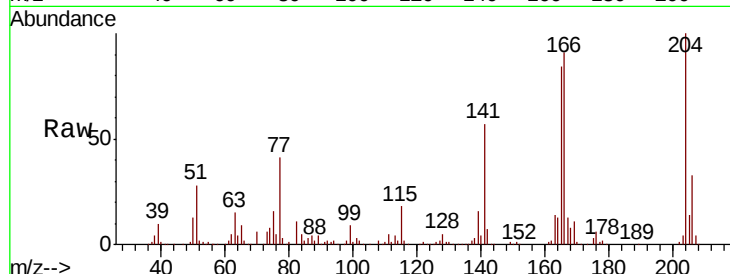




#61
4-Chlorophenyl-phenylether
Concen: 39.824 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

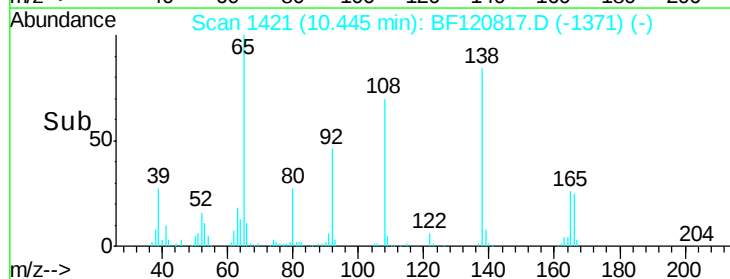
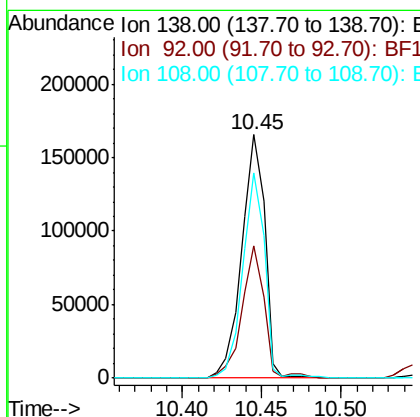
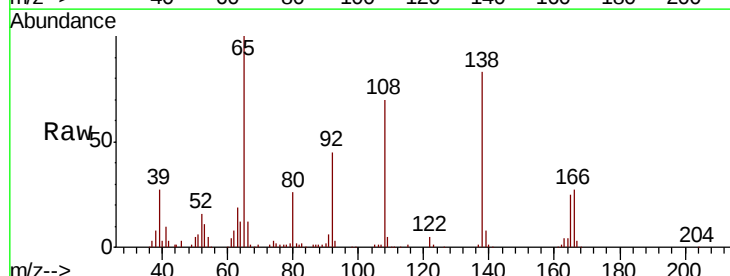
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 329934
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 57.0 48.5 72.7



#62
4-Nitroaniline
Concen: 44.011 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion:138 Resp: 166706
Ion Ratio Lower Upper
138 100
92 54.5 34.3 74.3
108 84.4 68.3 108.3





#63

Azobenzene

Concen: 38.032 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 722496

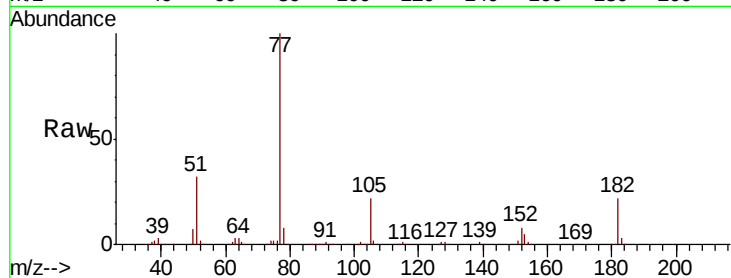
Ion Ratio Lower Upper

77 100

182 21.9 4.0 44.0

105 21.8 2.6 42.6

51 32.3 11.5 51.5

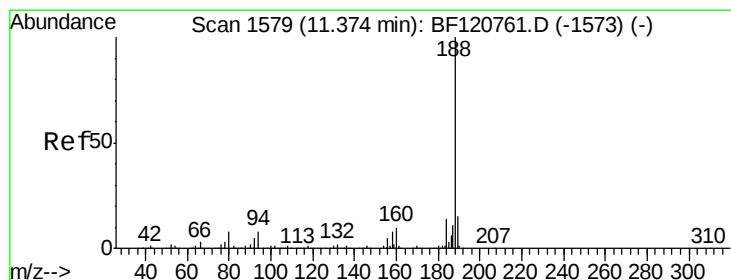
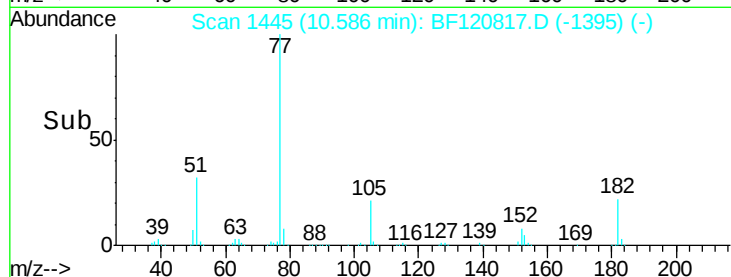
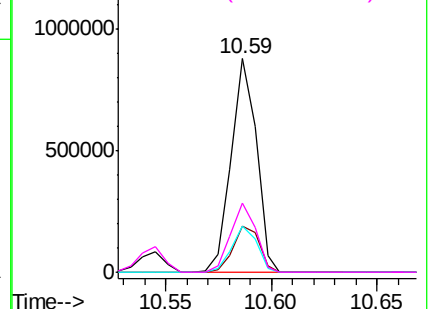


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1578

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

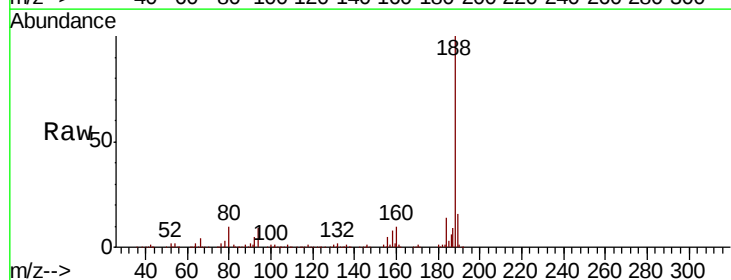
Tgt Ion: 188 Resp: 425219

Ion Ratio Lower Upper

188 100

94 9.4 6.6 9.8

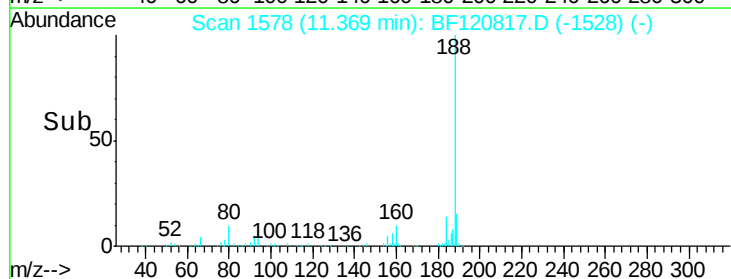
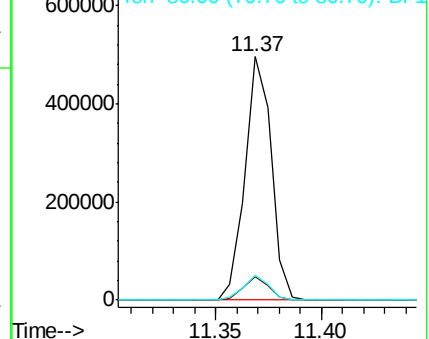
80 9.9 6.6 10.0

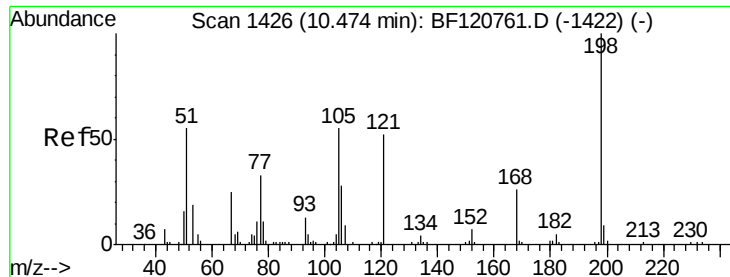


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

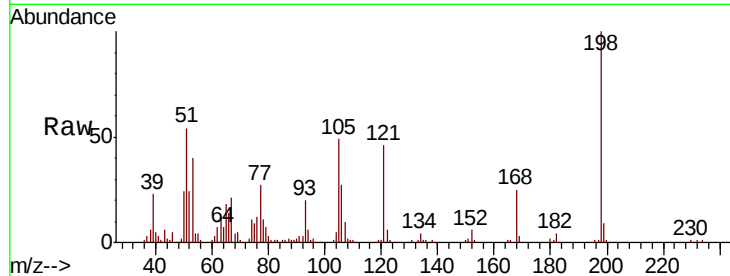




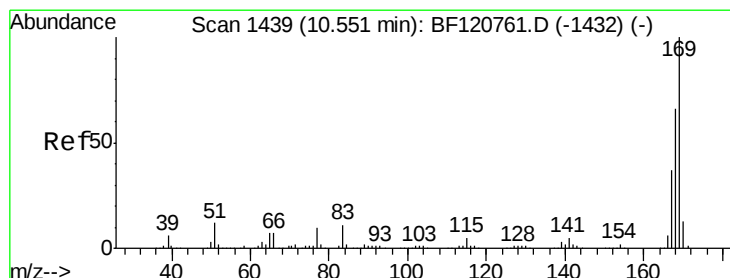
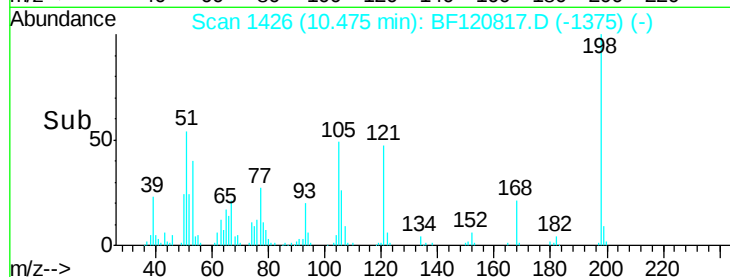
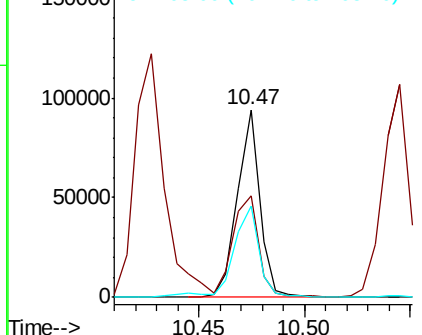
#65
4,6-Dinitro-2-methylphenol
Concen: 40.015 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:198 Resp: 69111
Ion Ratio Lower Upper
198 100
51 54.2 50.0 90.0
105 48.6 38.3 78.3

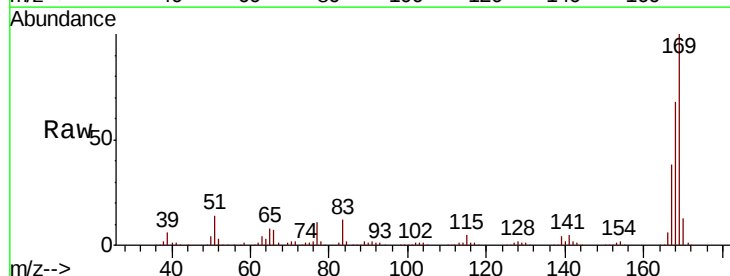


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

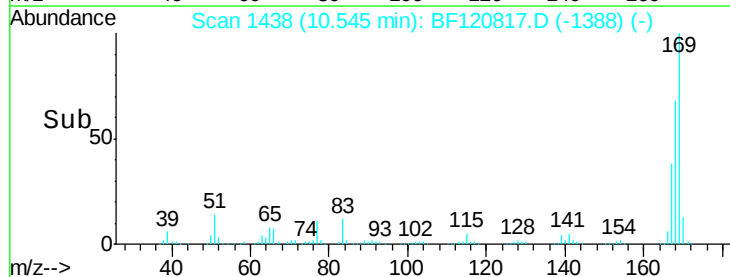
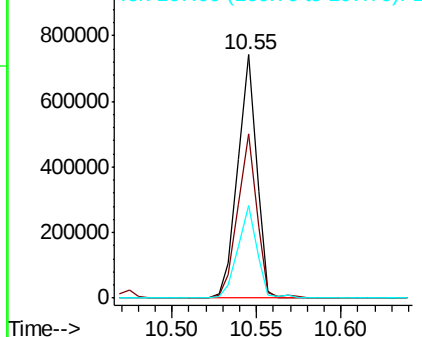


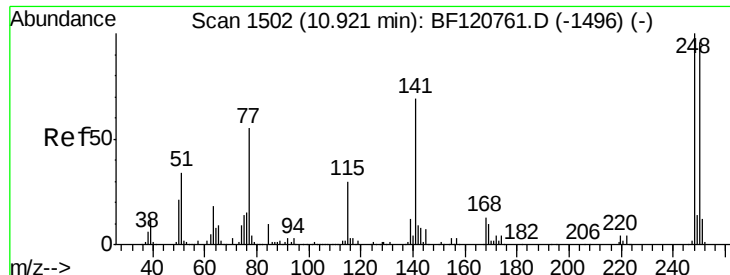
#66
n-Nitrosodiphenylamine
Concen: 40.512 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion:169 Resp: 577396
Ion Ratio Lower Upper
169 100
168 67.6 53.1 79.7
167 37.8 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

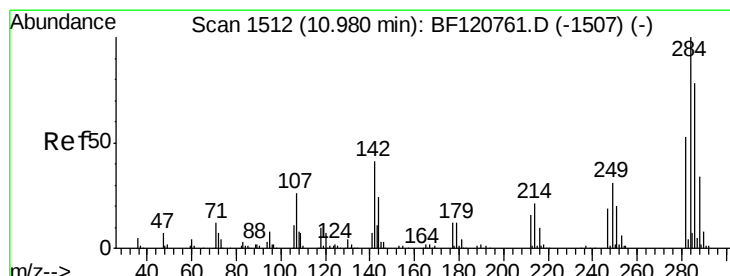
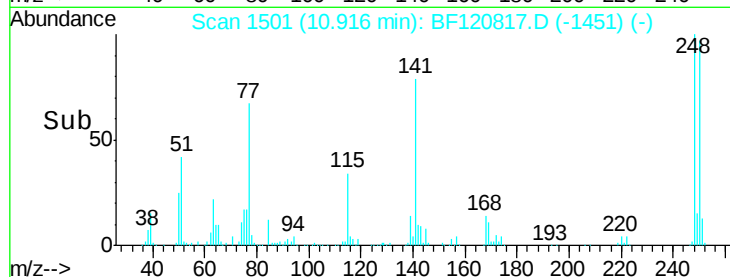
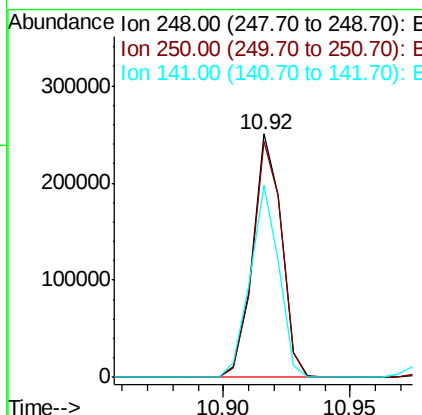
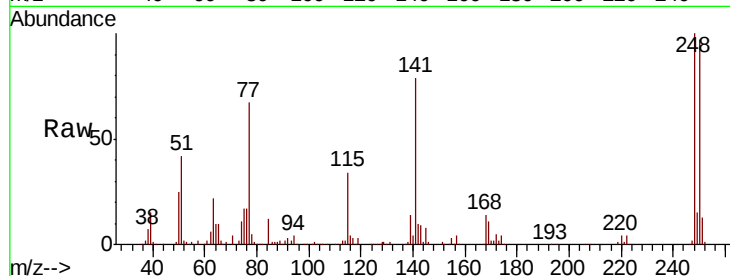




#67
 4-Bromophenyl-phenylether
 Concen: 40.164 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120817.D
 Acq: 9 Jul 2020 14:54

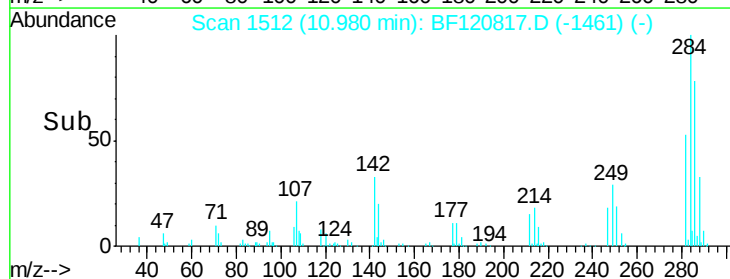
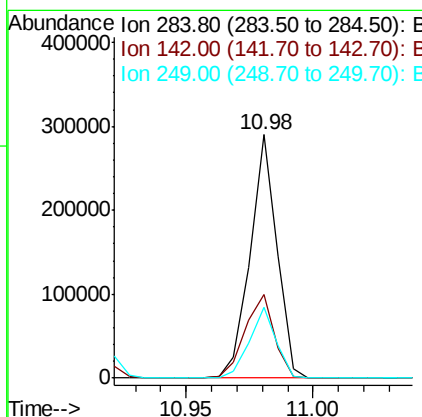
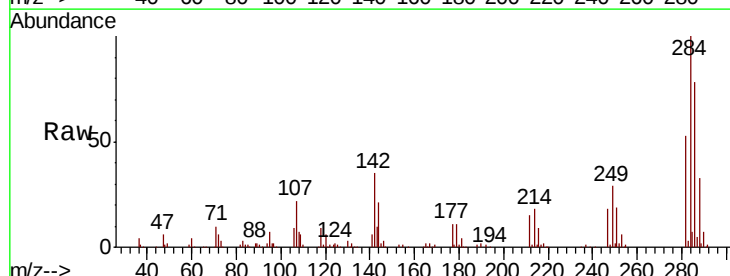
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

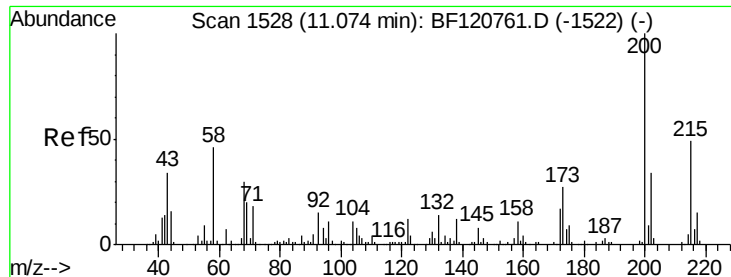
Tot Ion:248 Resp: 198110
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.5 114.7
 141 79.2 54.9 82.3



#68
 Hexachlorobenzene
 Concen: 41.335 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF120817.D
 Acq: 9 Jul 2020 14:54

Tgt Ion:284 Resp: 213951
 Ion Ratio Lower Upper
 284 100
 142 34.5 32.5 48.7
 249 29.1 24.8 37.2

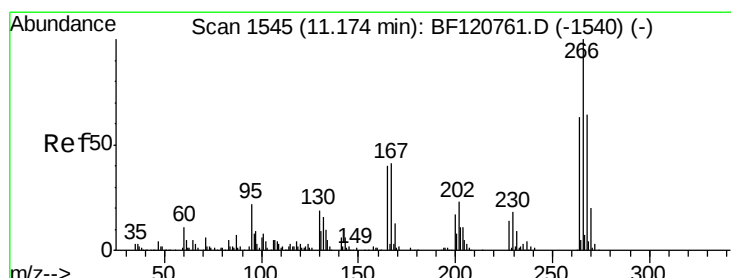
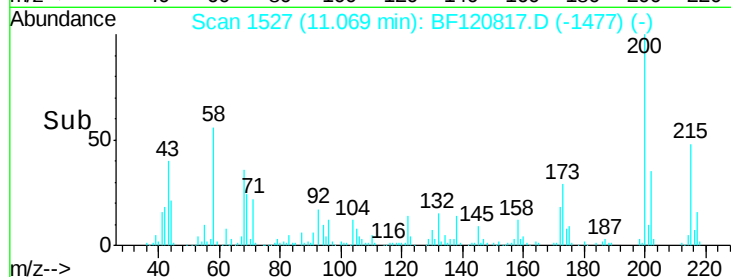
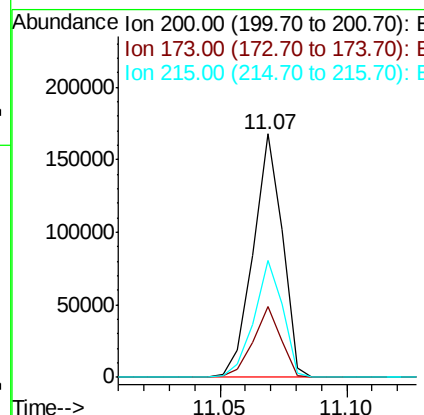
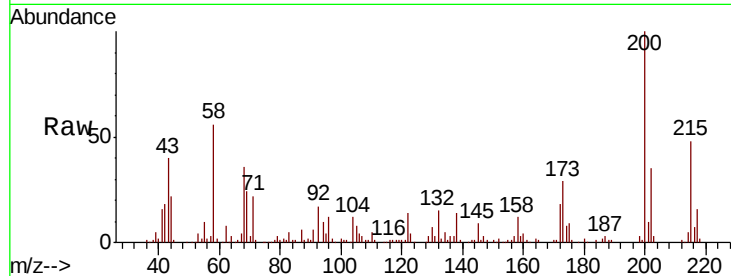




#69
Atrazine
Concen: 36.585 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

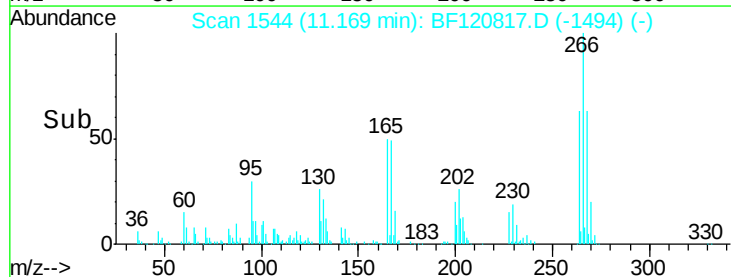
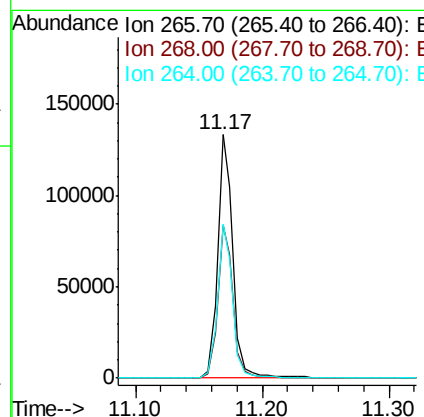
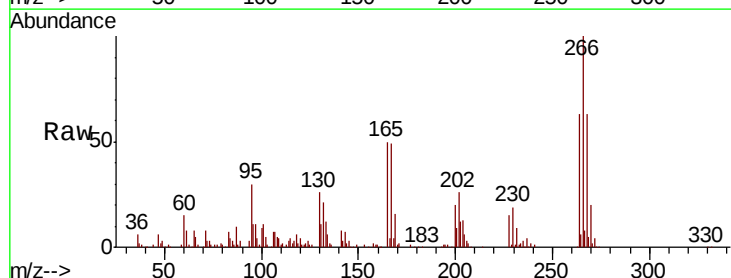
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

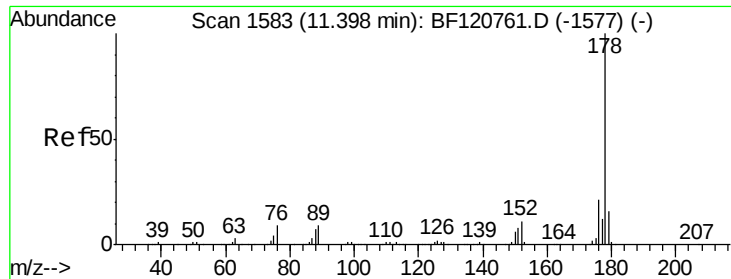
Tot Ion:200 Resp: 134330
Ion Ratio Lower Upper
200 100
173 29.1 7.4 47.4
215 47.8 28.8 68.8



#70
Pentachlorophenol
Concen: 38.696 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion:266 Resp: 113320
Ion Ratio Lower Upper
266 100
268 62.7 51.4 77.2
264 63.2 50.6 75.8

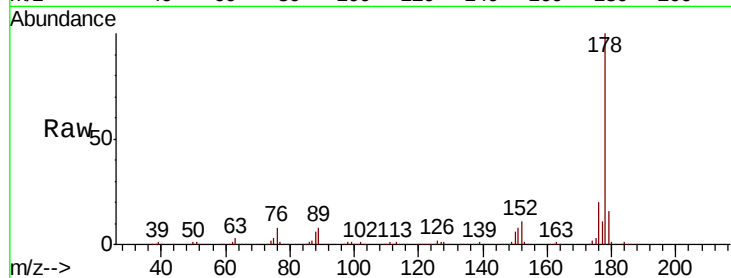




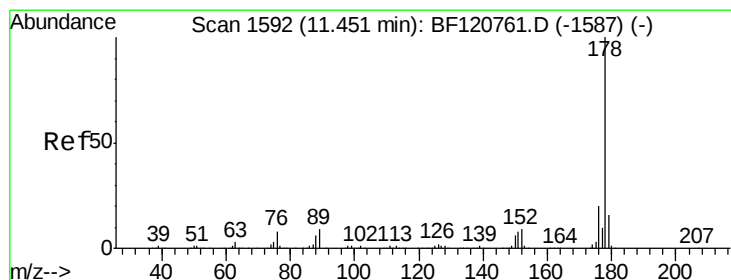
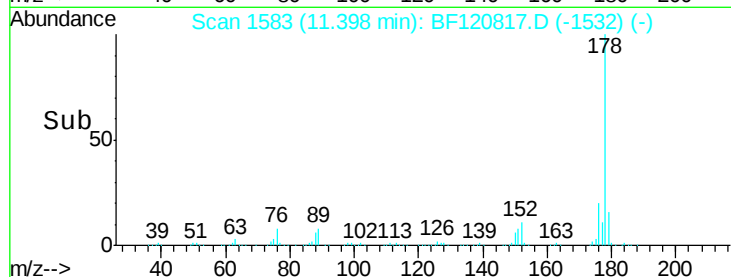
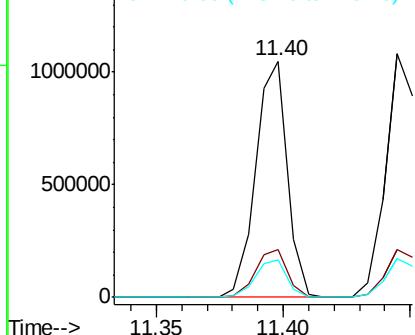
#71
Phenanthrene
Concen: 39.369 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 908306
Ion Ratio Lower Upper
178 100
176 20.2 16.4 24.6
179 15.6 12.9 19.3

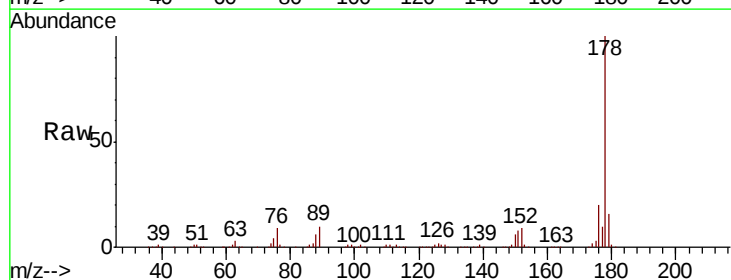


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

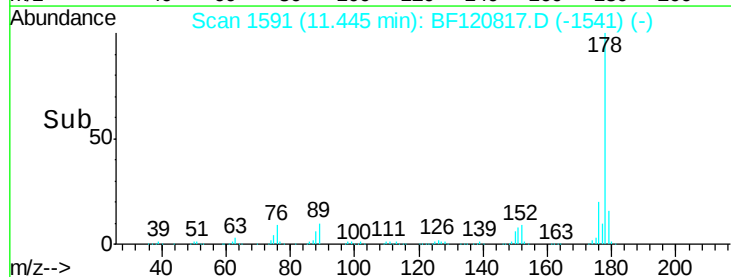
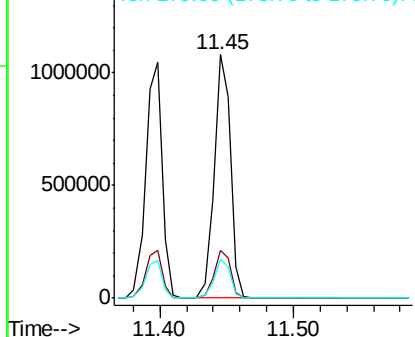


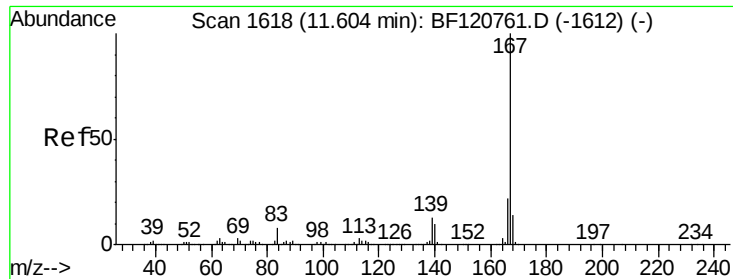
#72
Anthracene
Concen: 39.847 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion:178 Resp: 928997
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.8 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

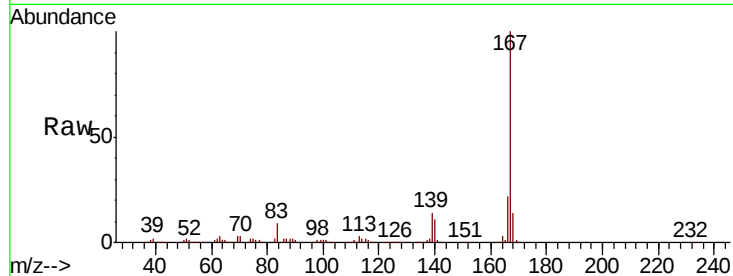




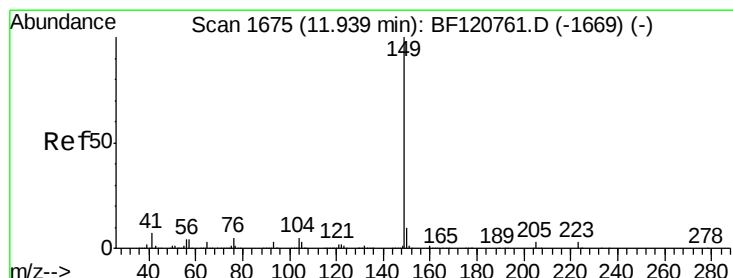
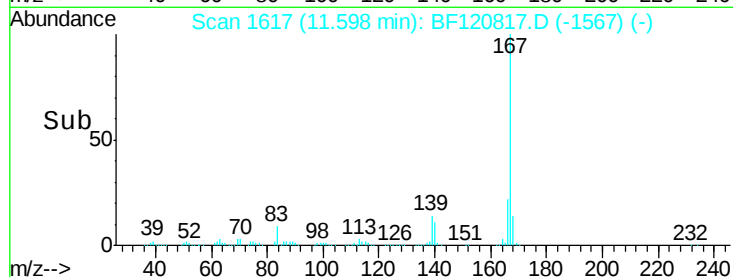
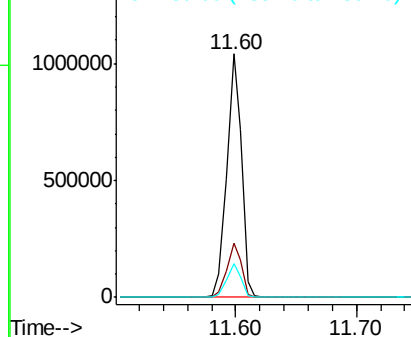
#73
 Carbazole
 Concen: 38.794 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF120817.D
 Acq: 9 Jul 2020 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:167 Resp: 869162
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 13.9 10.7 16.1

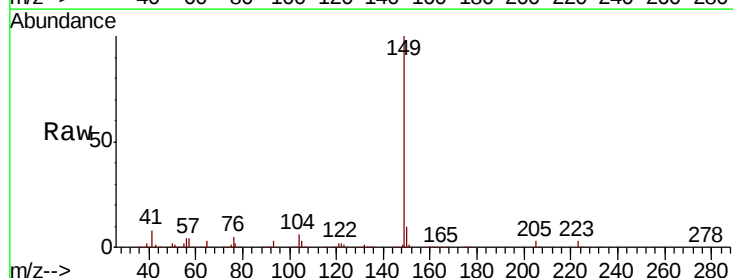


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

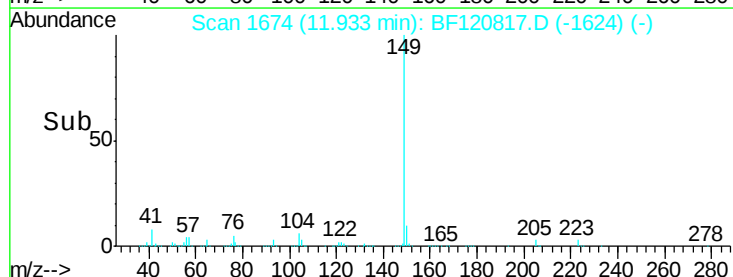
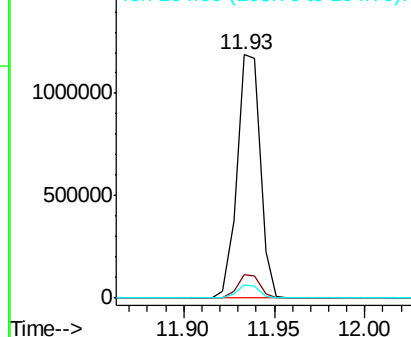


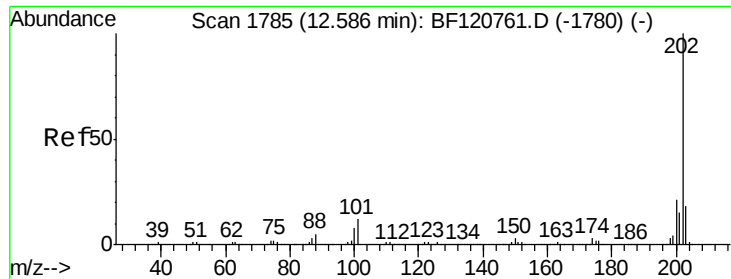
#74
 Di-n-butylphthalate
 Concen: 38.419 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120817.D
 Acq: 9 Jul 2020 14:54

Tgt Ion:149 Resp: 1065672
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.333 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

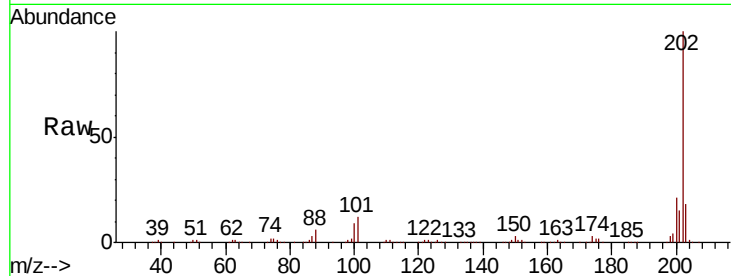
Tot Ion:202 Resp: 942154

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.6

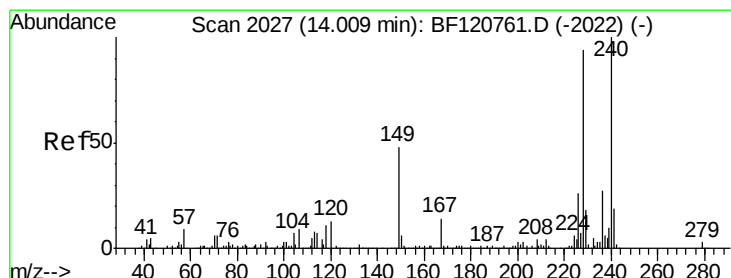
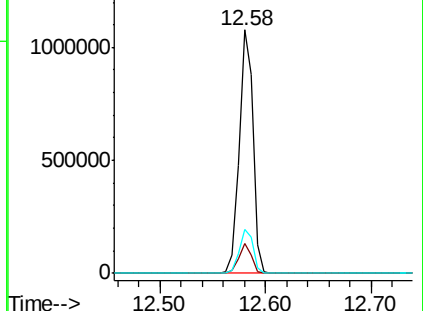
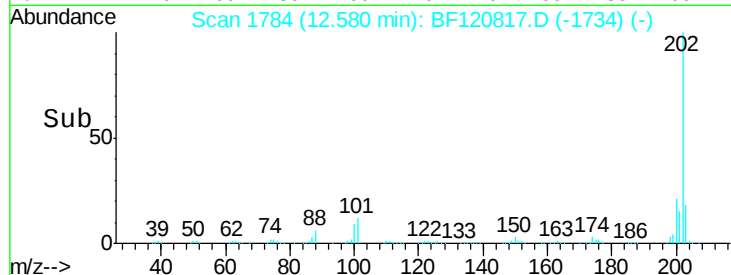
203 18.3 0.0 38.2



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: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

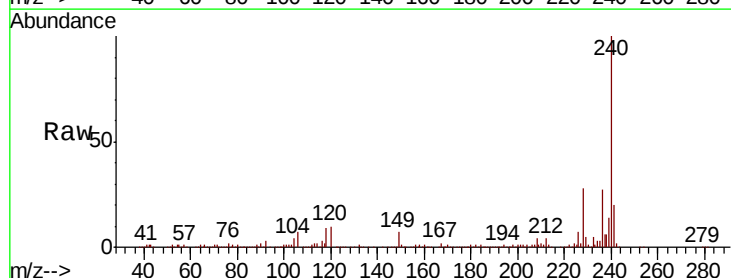
Tgt Ion:240 Resp: 313939

Ion Ratio Lower Upper

240 100

120 10.3 10.3 15.5#

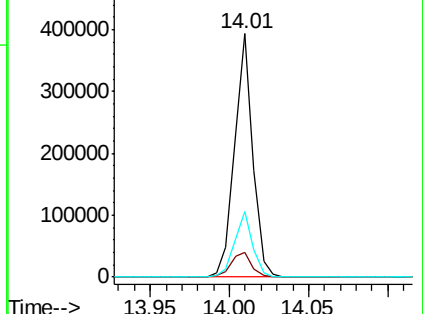
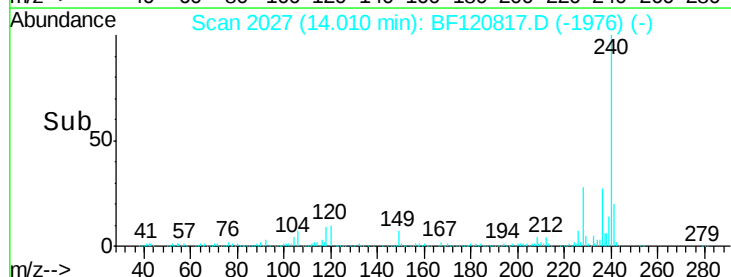
236 26.8 21.4 32.2

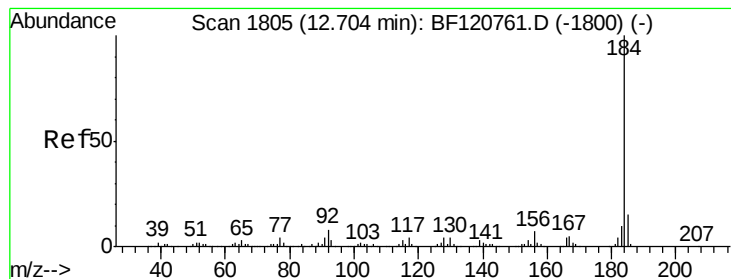


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.638 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

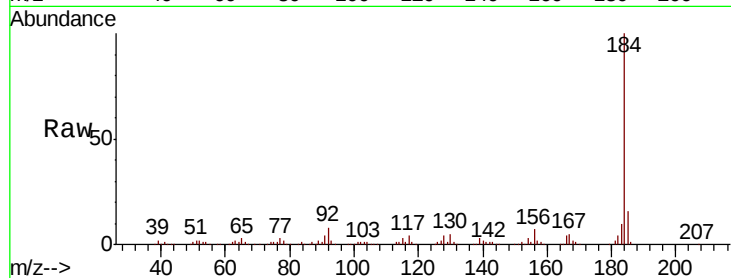
Tot Ion:184 Resp: 324659

Ion Ratio Lower Upper

184 100

185 15.9 11.8 17.8

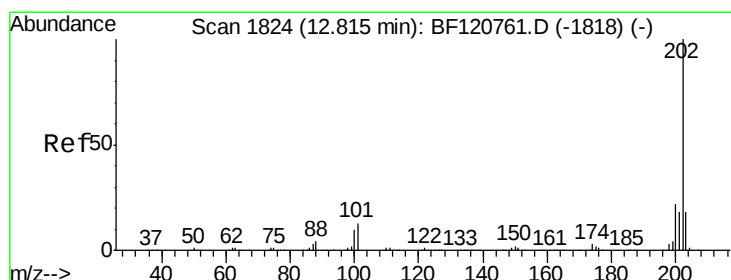
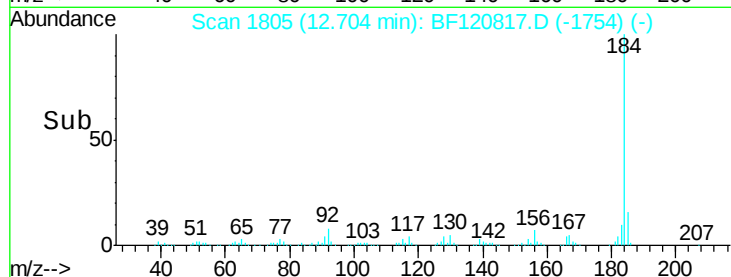
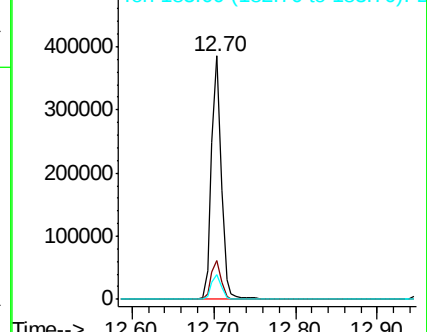
183 10.2 8.3 12.5



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: 39.315 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

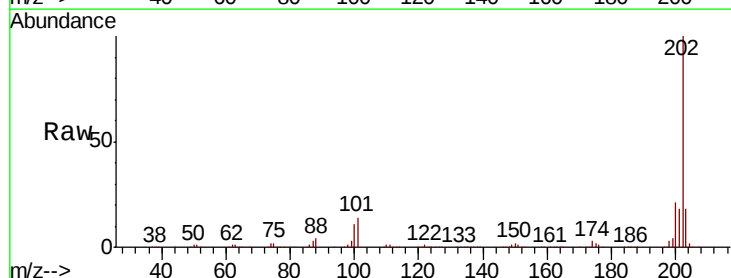
Tgt Ion:202 Resp: 985737

Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

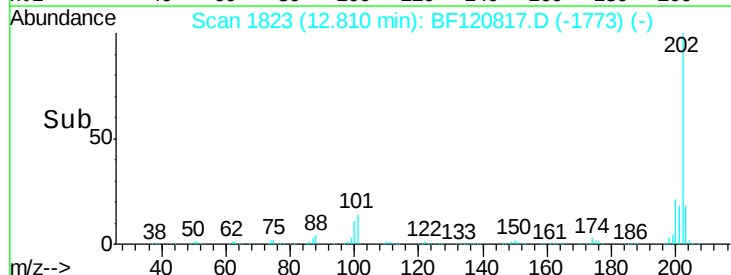
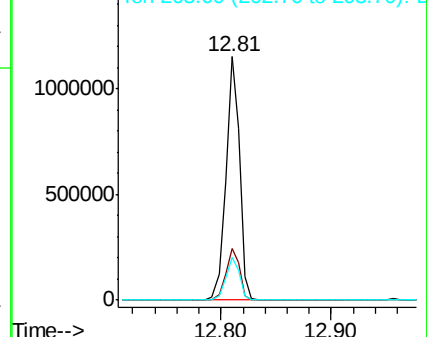
203 17.7 14.6 22.0



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: 81.387 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

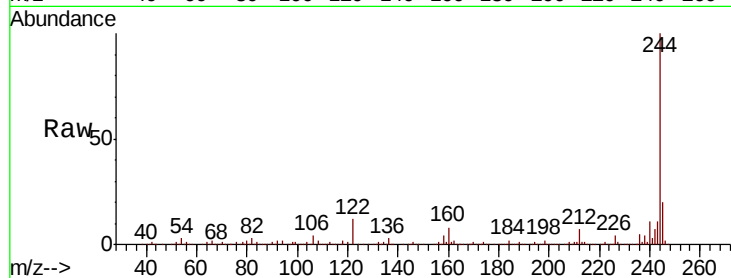
Tot Ion:244 Resp: 1305014

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

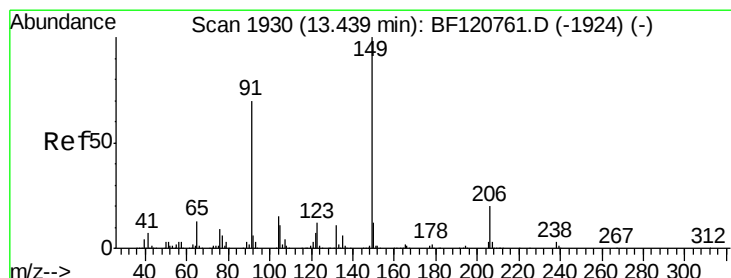
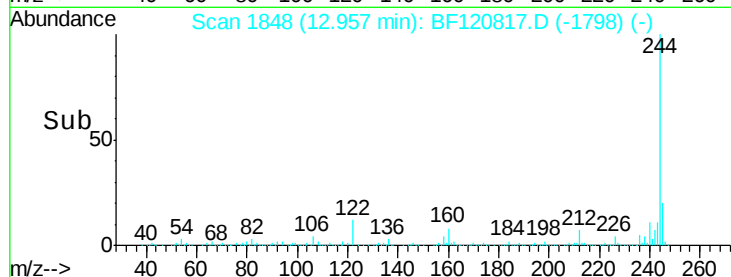
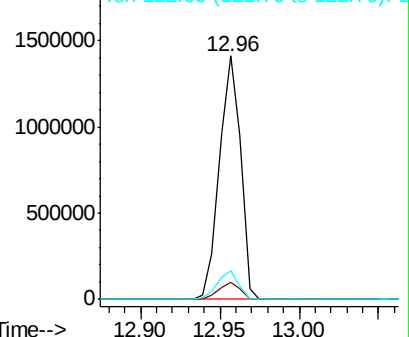
122 11.5 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.502 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

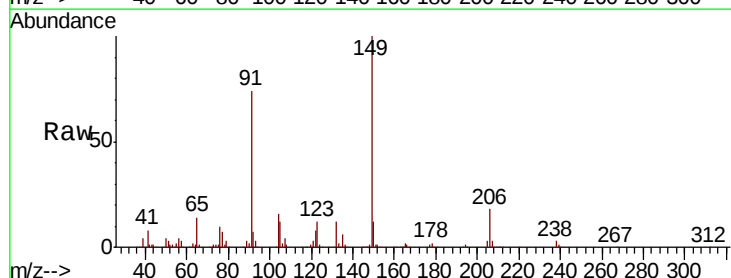
Tgt Ion:149 Resp: 405950

Ion Ratio Lower Upper

149 100

91 74.4 55.8 83.8

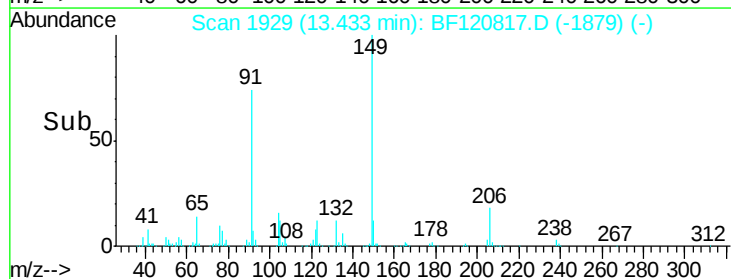
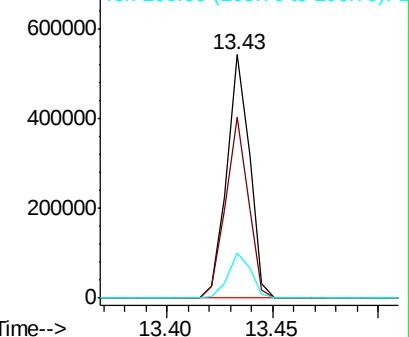
206 18.4 15.7 23.5

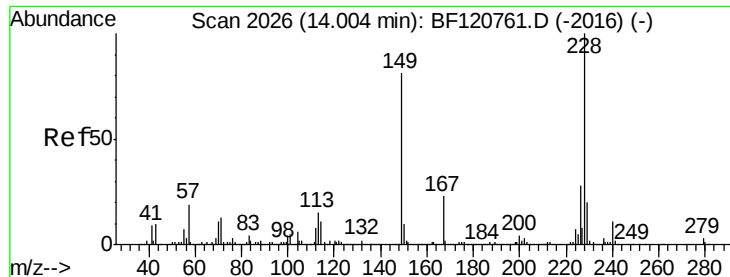


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.464 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

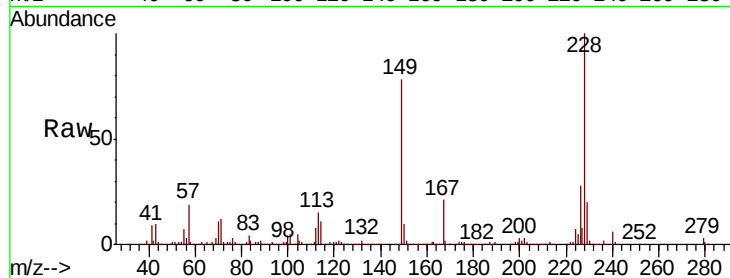
Tot Ion:228 Resp: 814292

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

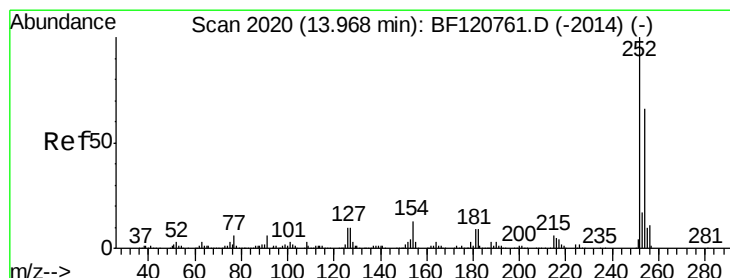
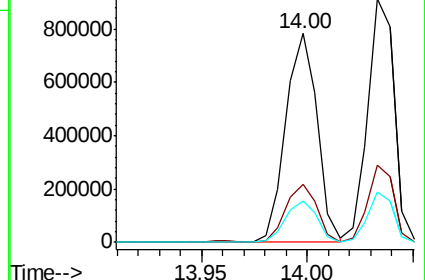
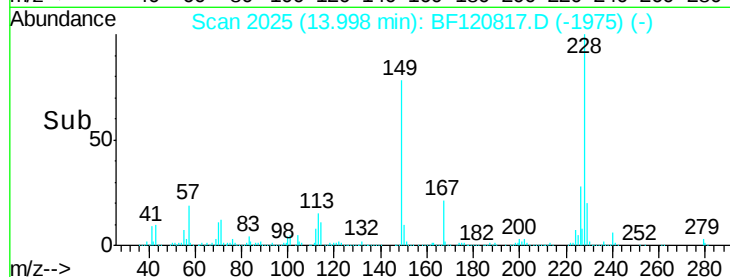
229 19.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.861 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

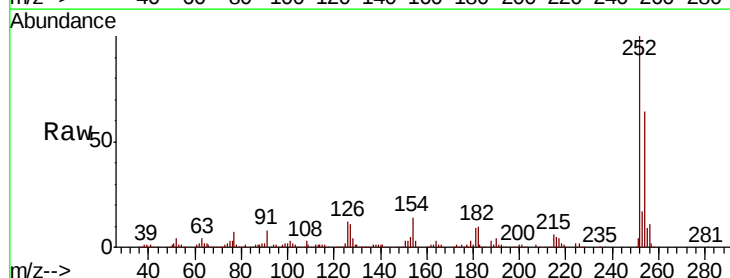
Tgt Ion:252 Resp: 257121

Ion Ratio Lower Upper

252 100

254 64.0 52.6 78.8

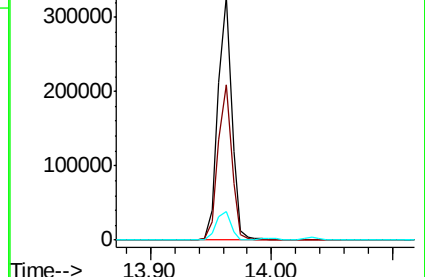
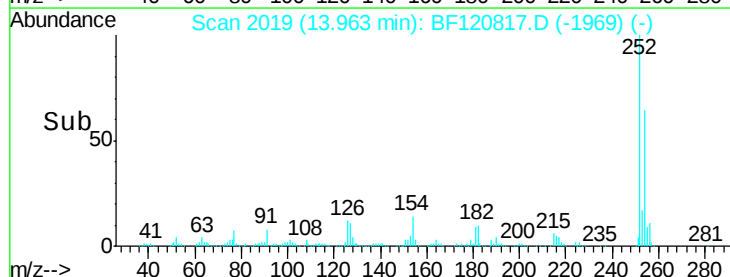
126 11.7 7.8 11.8



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: 39.041 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

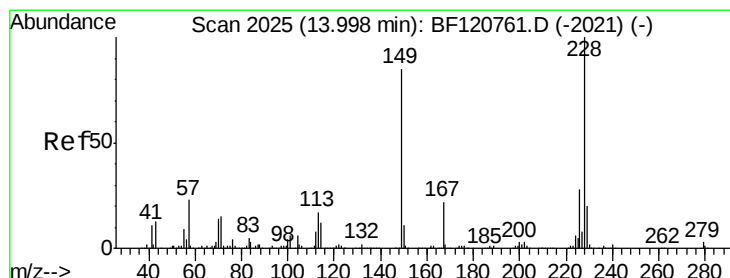
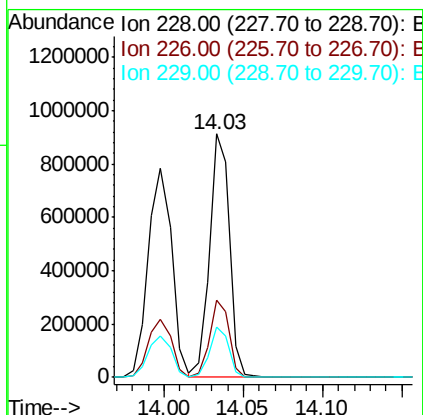
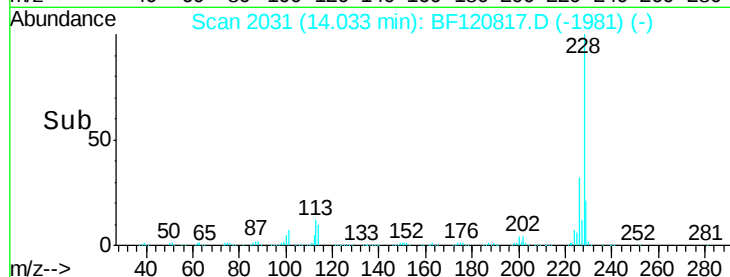
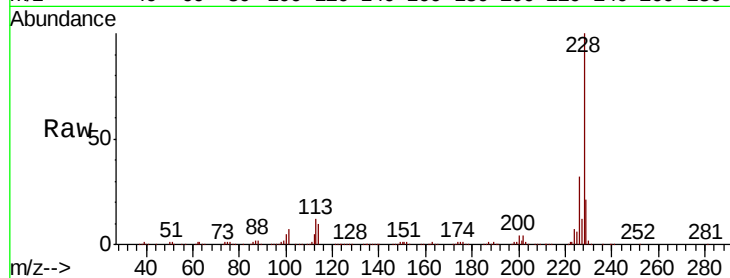
Tot Ion:228 Resp: 801393

Ion Ratio Lower Upper

228 100

226 31.8 25.7 38.5

229 20.9 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.230 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

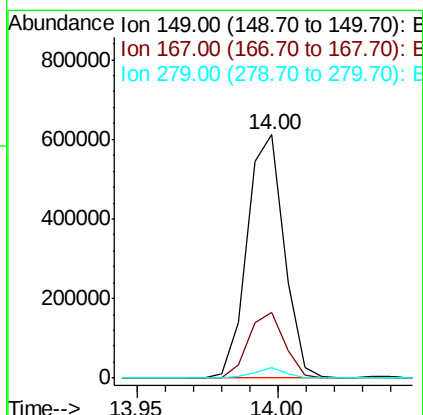
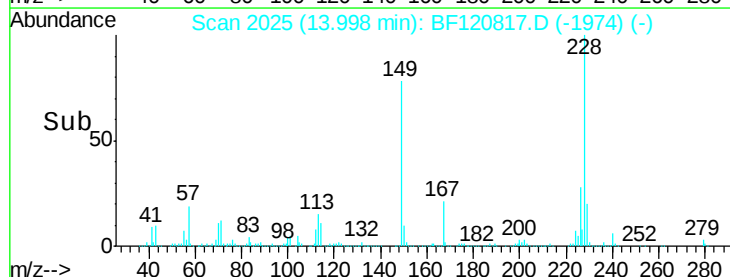
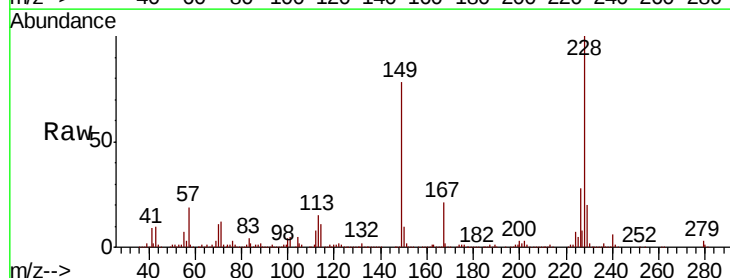
Tgt Ion:149 Resp: 556872

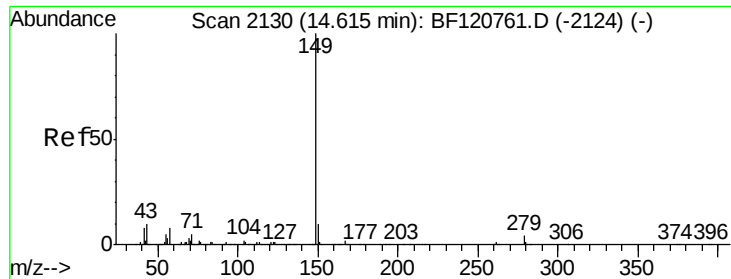
Ion Ratio Lower Upper

149 100

167 27.1 20.9 31.3

279 4.1 2.6 4.0#

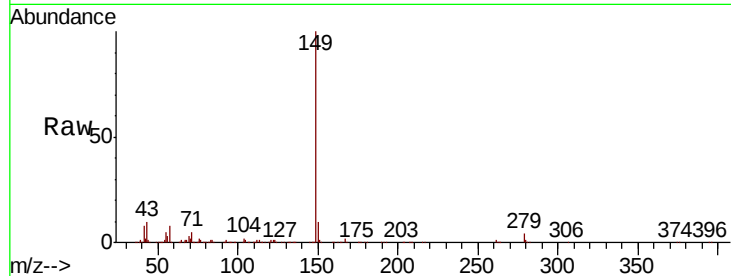




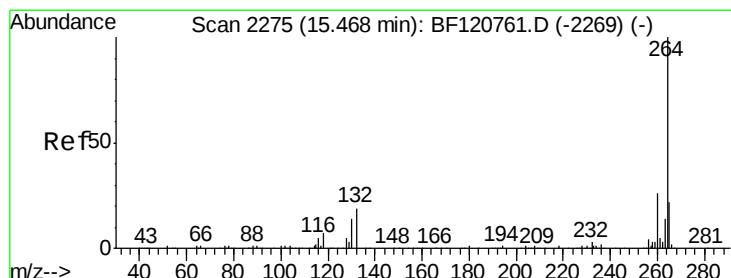
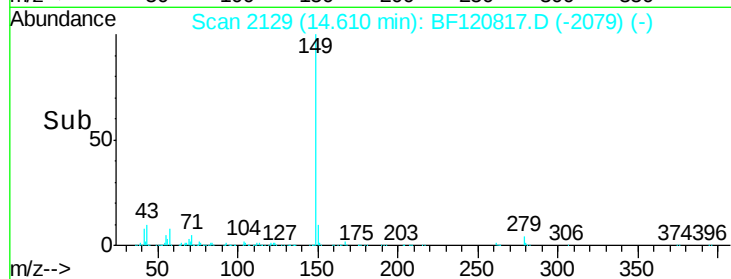
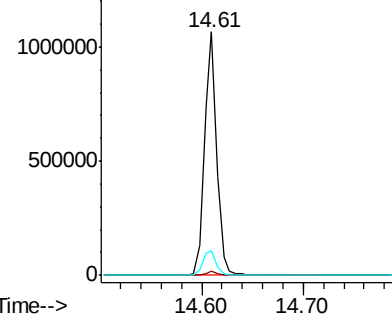
#85
Di-n-octyl phthalate
Concen: 35.319 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 886953
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 8.7 13.1

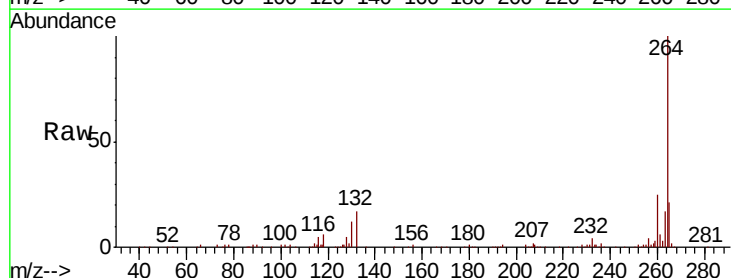


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

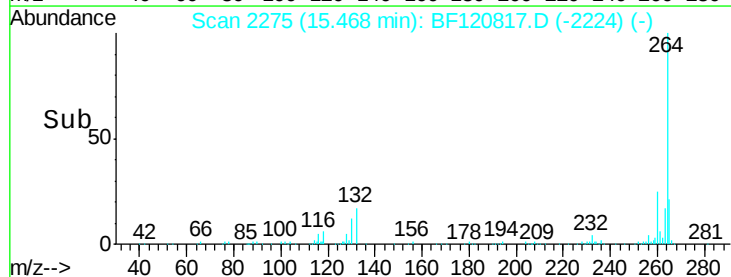
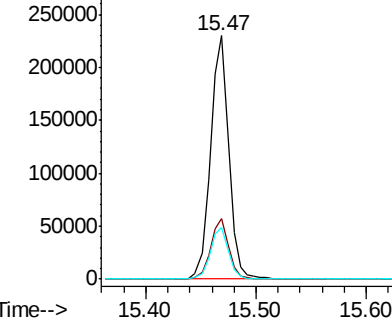


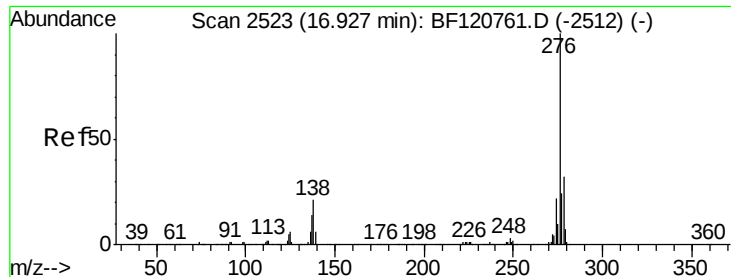
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion:264 Resp: 265595
Ion Ratio Lower Upper
264 100
260 24.7 20.6 30.8
265 21.1 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: 40.668 ng

RT: 16.92 min Scan# 2522

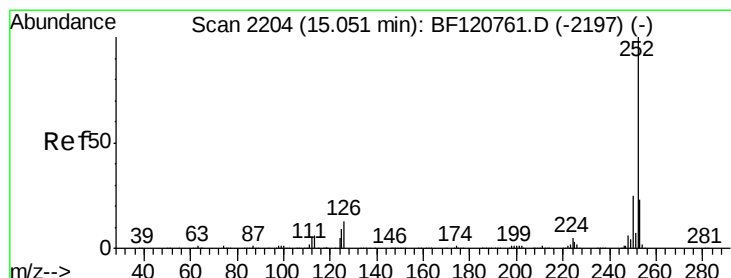
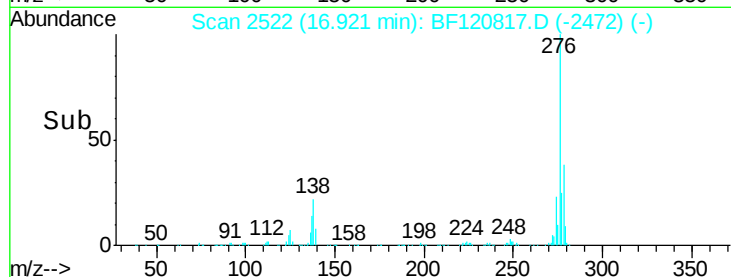
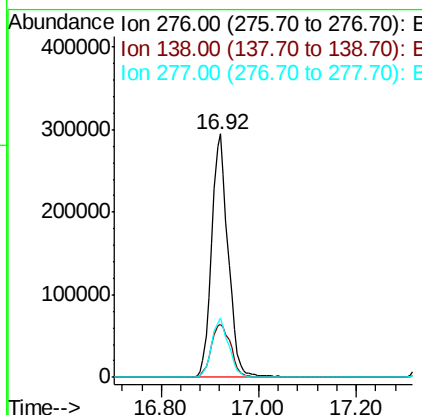
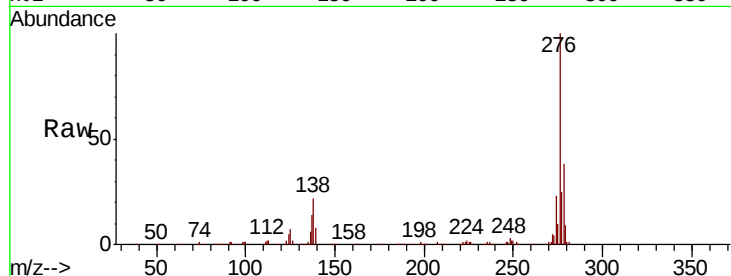
Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	19.8	29.8
277	25.0	19.9	29.9



#88

Benzo(b)fluoranthene

Concen: 39.285 ng

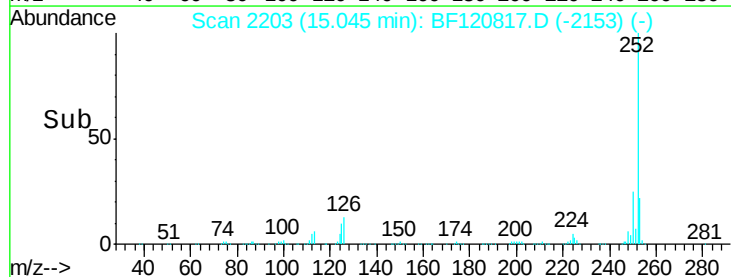
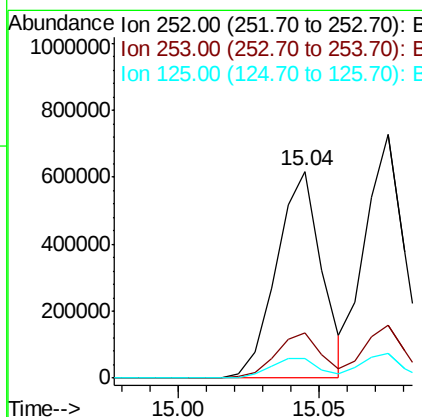
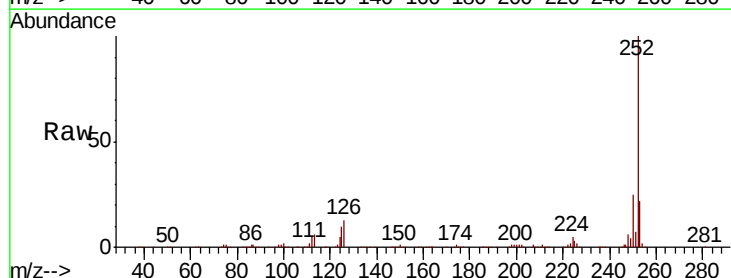
RT: 15.04 min Scan# 2203

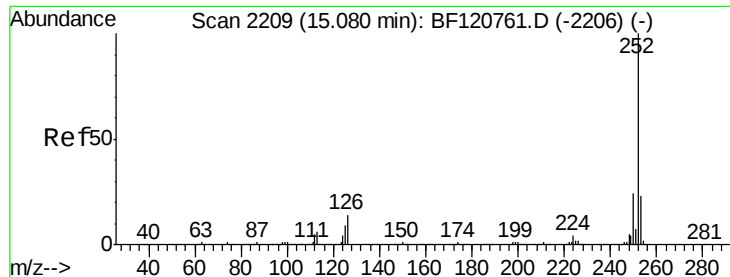
Delta R.T. -0.01 min

Lab File: BF120817.D

Acq: 9 Jul 2020 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.7	7.5	11.3

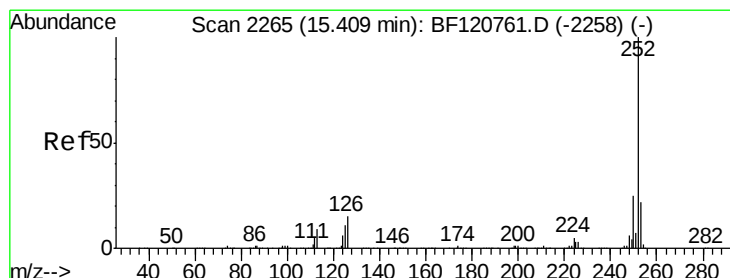
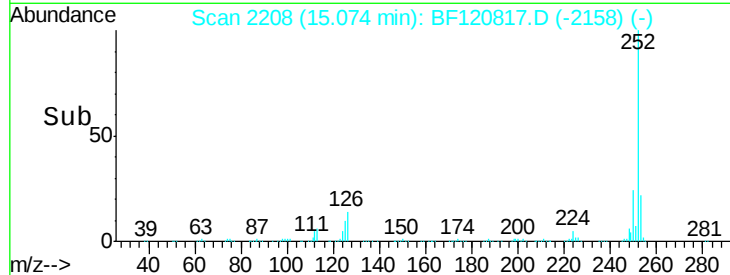
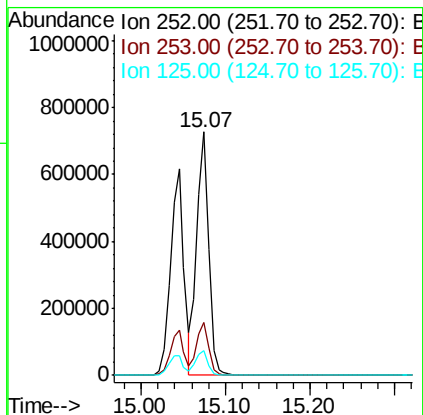
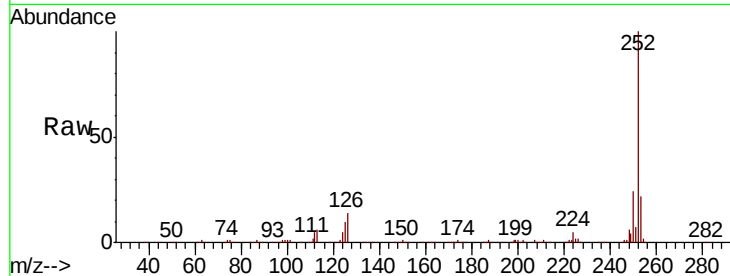




#89
Benzo(k)fluoranthene
Concen: 41.466 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

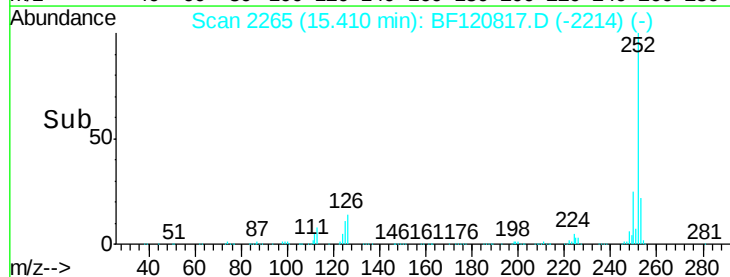
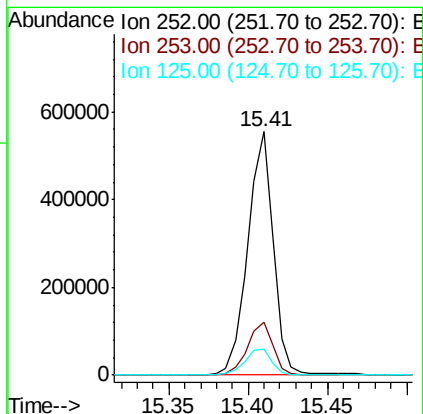
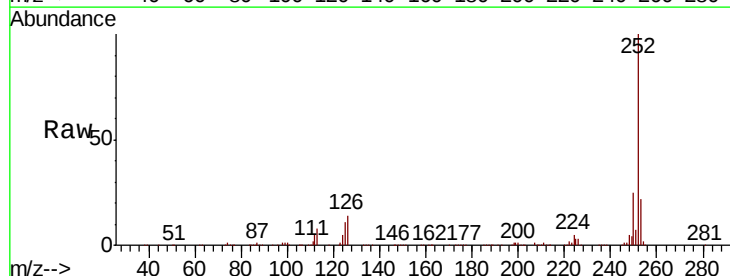
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

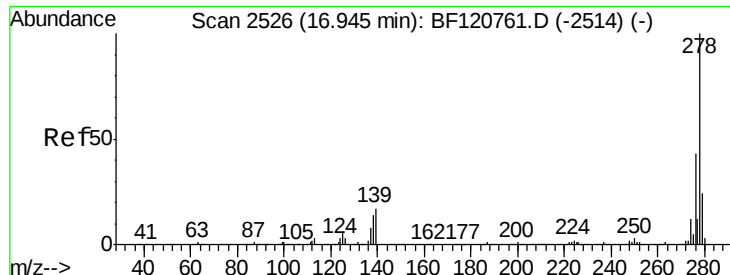
Tot Ion:252 Resp: 704519
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 10.0 7.6 11.4



#90
Benzo(a)pyrene
Concen: 39.813 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion:252 Resp: 620129
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.9 9.2 13.8

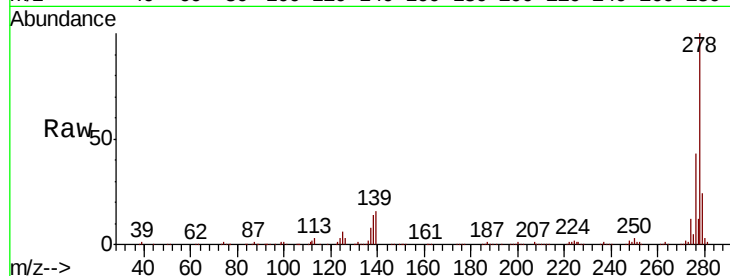




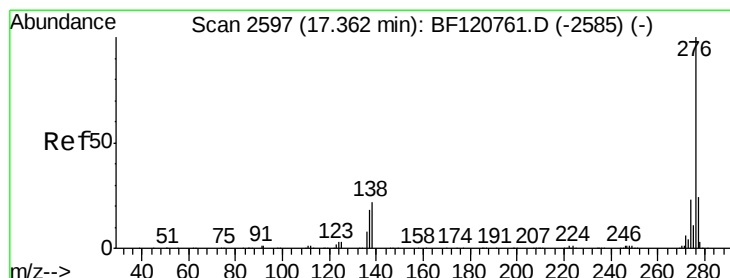
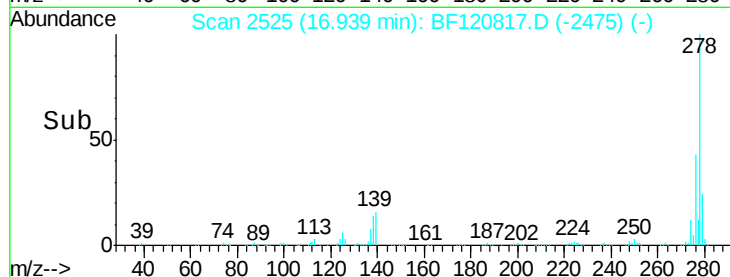
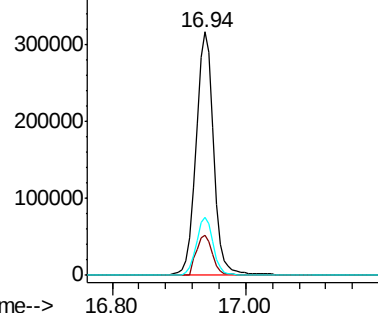
#91
Dibenzo(a,h)anthracene
Concen: 41.554 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.3	19.9
279	23.9	19.0	28.6

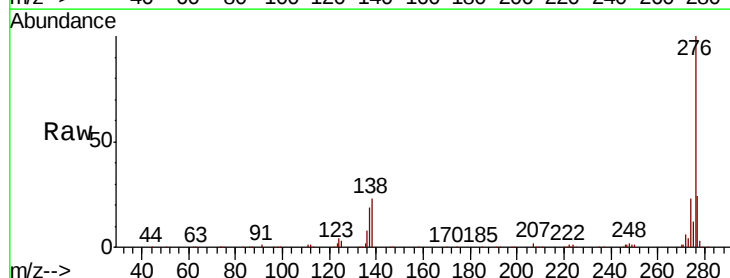


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.938 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BF120817.D
Acq: 9 Jul 2020 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	22.6	17.4	26.2



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

