

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120819.D
 Acq On : 10 Jul 2020 8:50
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 10 10:59:07 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	146584	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	527603	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	254564	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	443246	20.00	ng	0.00
76) Chrysene-d12	14.01	240	334978	20.00	ng	0.00
86) Perylene-d12	15.46	264	279722	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	716100	75.41	ng	0.00
7) Phenol-d6	6.47	99	903745	74.53	ng	0.00
23) Nitrobenzene-d5	7.41	82	762843	83.77	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	211374	82.65	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1322104	78.58	ng	0.00
79) Terphenyl-d14	12.96	244	1350312	78.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	165433	38.138	ng	99
3) Pyridine	3.33	79	448910	37.782	ng	99
4) n-Nitrosodimethylamine	3.28	42	216589	36.439	ng	# 99
6) Aniline	6.51	93	575743	36.968	ng	98
8) 2-Chlorophenol	6.63	128	384414	38.023	ng	98
9) Benzaldehyde	6.40	77	239567	33.217	ng	97
10) Phenol	6.49	94	475042	38.080	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	379478	37.382	ng	98
12) 1,3-Dichlorobenzene	6.79	146	418251	37.585	ng	99
13) 1,4-Dichlorobenzene	6.87	146	420543	37.731	ng	99
14) 1,2-Dichlorobenzene	7.02	146	399735	37.696	ng	99
15) Benzyl Alcohol	6.99	79	332464	36.489	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	578101	36.511	ng	99
17) 2-Methylphenol	7.09	107	338905	37.472	ng	98
18) Hexachloroethane	7.36	117	159823	38.151	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	262617	35.967	ng	96
20) 3+4-Methylphenols	7.25	107	419034	37.617	ng	93
22) Acetophenone	7.26	105	506210	38.600	ng	# 95
24) Nitrobenzene	7.43	77	417088	40.792	ng	97
25) Isophorone	7.67	82	725154	36.925	ng	98
26) 2-Nitrophenol	7.75	139	162496	38.646	ng	96
27) 2,4-Dimethylphenol	7.78	122	298568	38.085	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	446074	38.378	ng	99
29) 2,4-Dichlorophenol	7.99	162	305279	39.007	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	346256	39.390	ng	98
31) Naphthalene	8.16	128	1091416	38.708	ng	99
32) Benzoic acid	7.89	122	184821	34.631	ng	99
33) 4-Chloroaniline	8.20	127	453889	37.935	ng	97
34) Hexachlorobutadiene	8.27	225	210941	39.900	ng	100
35) Caprolactam	8.57	113	82701	36.265	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	305509	37.527	ng	97
37) 2-Methylnaphthalene	8.85	142	701304	38.261	ng	99
38) 1-Methylnaphthalene	8.95	142	658201	38.336	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	315123	40.959	ng	99

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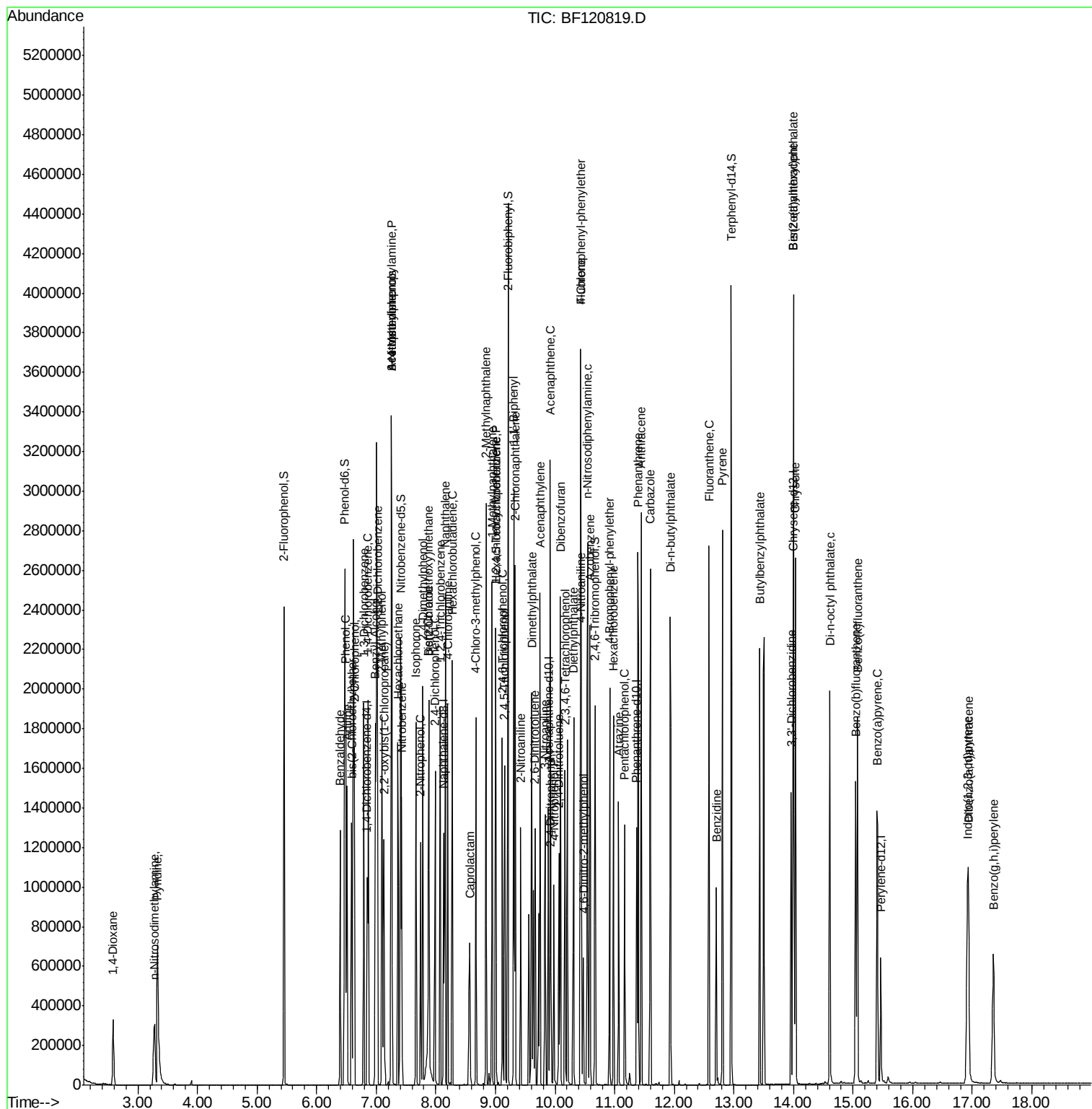
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	173424	38.152	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	202700	38.665	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	233294	40.099	ng	98
46) 1,1'-Biphenyl	9.31	154	819871	39.928	ng	99
47) 2-Chloronaphthalene	9.33	162	654968	39.815	ng	98
48) 2-Nitroaniline	9.42	65	204517	41.874	ng	95
49) Acenaphthylene	9.75	152	993477	38.520	ng	99
50) Dimethylphthalate	9.61	163	721098	38.831	ng	99
51) 2,6-Dinitrotoluene	9.67	165	147825	40.431	ng	86
52) Acenaphthene	9.92	154	627937	39.246	ng	98
53) 3-Nitroaniline	9.83	138	181360	40.424	ng	98
54) 2,4-Dinitrophenol	9.93	184	46104	37.501	ng	# 81
55) Dibenzofuran	10.09	168	902517	39.132	ng	97
56) 4-Nitrophenol	9.98	139	128407	38.810	ng	93
57) 2,4-Dinitrotoluene	10.07	165	192229	42.211	ng	# 84
58) Fluorene	10.43	166	673298	39.221	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	163800	37.834	ng	99
60) Diethylphthalate	10.31	149	745230	38.524	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	346677	40.172	ng	96
62) 4-Nitroaniline	10.45	138	171350	43.429	ng	97
63) Azobenzene	10.59	77	748137	37.807	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	68272	38.288	ng	80
66) n-Nitrosodiphenylamine	10.55	169	597868	40.243	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	207098	40.278	ng	96
68) Hexachlorobenzene	10.98	284	220352	40.841	ng	92
69) Atrazine	11.07	200	140967	36.831	ng	98
70) Pentachlorophenol	11.17	266	118415	38.792	ng	98
71) Phenanthrene	11.39	178	962405	40.017	ng	100
72) Anthracene	11.45	178	957497	39.399	ng	99
73) Carbazole	11.60	167	919357	39.366	ng	99
74) Di-n-butylphthalate	11.93	149	1114609	38.549	ng	100
75) Fluoranthene	12.58	202	997685	38.942	ng	100
77) Benzidine	12.70	184	331376	35.048	ng	99
78) Pyrene	12.81	202	1030842	38.531	ng	100
80) Butylbenzylphthalate	13.43	149	420426	36.400	ng	97
81) Benzo(a)anthracene	14.00	228	859246	40.016	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	271752	37.502	ng	99
83) Chrysene	14.03	228	854378	39.008	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	578769	38.212	ng	100
85) Di-n-octyl phthalate	14.61	149	932341	34.794	ng	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	725846	40.456	ng	99
88) Benzo(b)fluoranthene	15.04	252	725204	39.436	ng	98
89) Benzo(k)fluoranthene	15.07	252	737854	41.234	ng	100
90) Benzo(a)pyrene	15.40	252	655919	39.984	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	609220	40.740	ng	99
92) Benzo(g,h,i)perylene	17.36	276	551197	40.331	ng	99

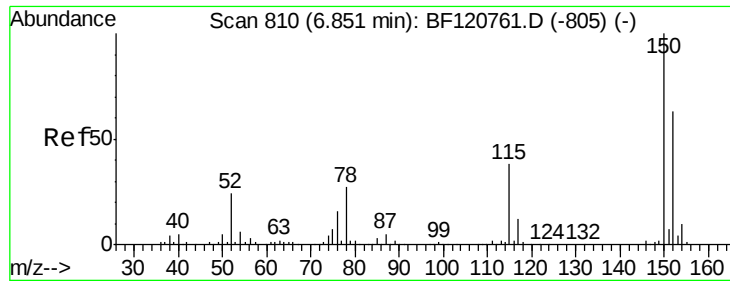
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

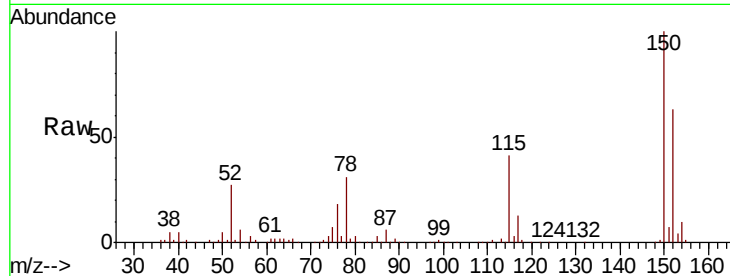
Tot Ion:152 Resp: 146584

Ion Ratio Lower Upper

152 100

150 157.9 126.1 189.1

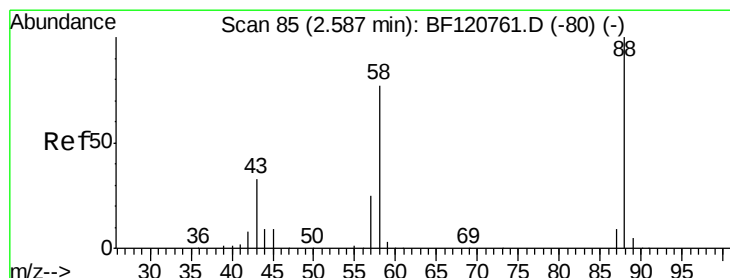
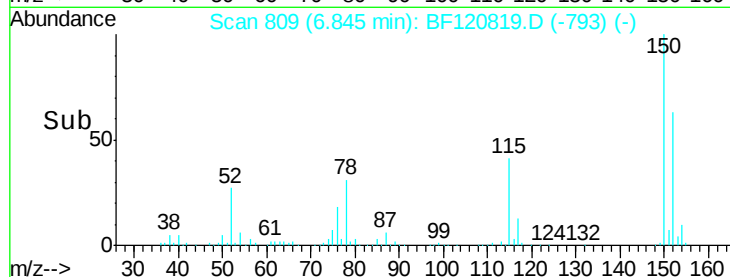
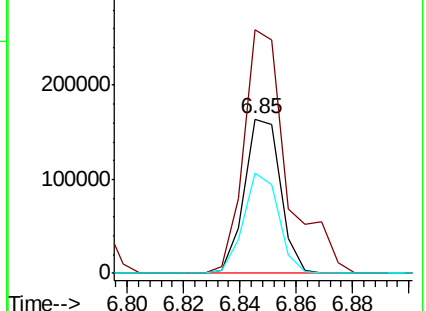
115 64.9 48.5 72.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.138 ng

RT: 2.59 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

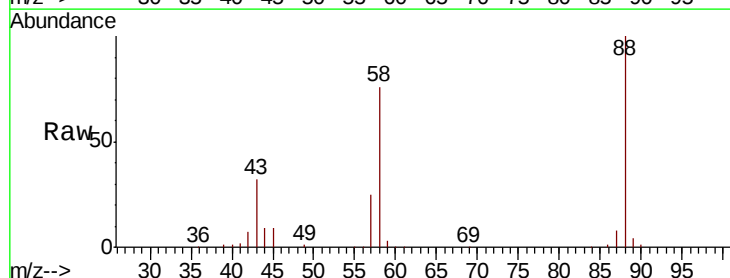
Tgt Ion: 88 Resp: 165433

Ion Ratio Lower Upper

88 100

58 74.6 60.4 90.6

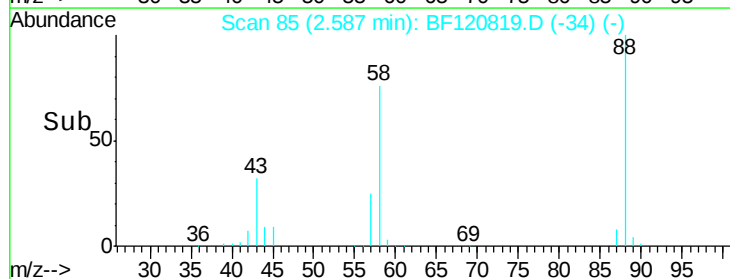
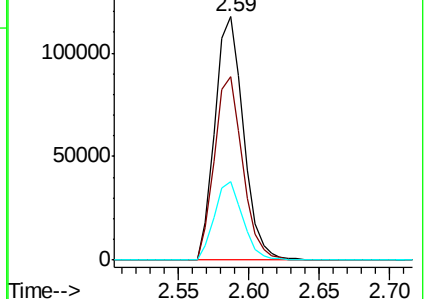
43 31.9 26.3 39.5

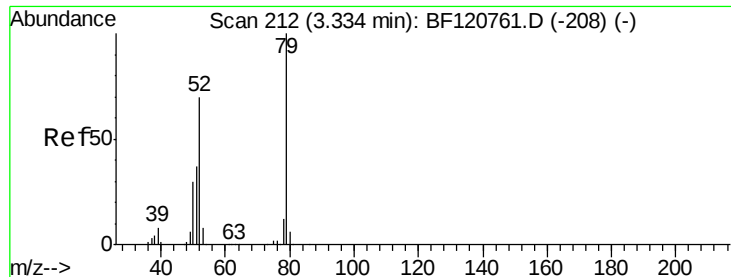


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.782 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.01 min

Lab File: BF120819.D

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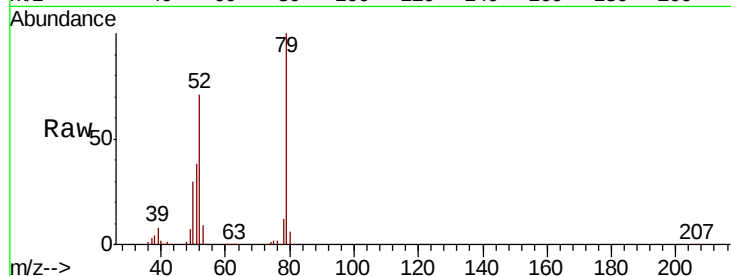
Tot Ion: 79 Resp: 448910

Ion Ratio Lower Upper

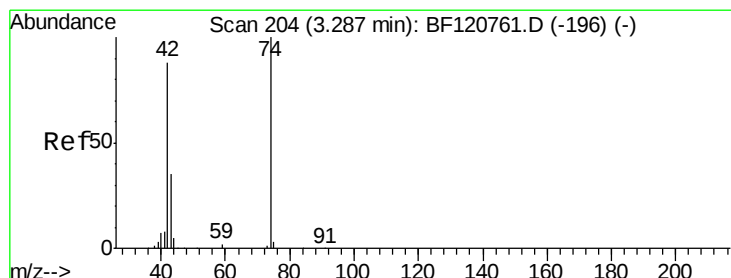
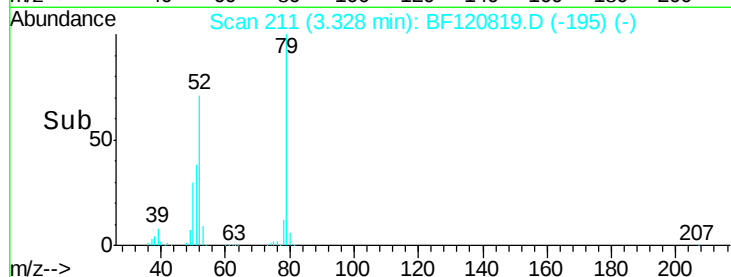
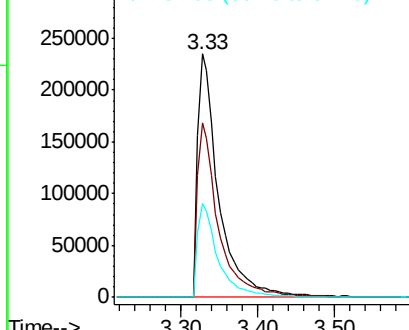
79 100

52 71.4 56.3 84.5

51 38.5 30.1 45.1



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



#4

n-Nitrosodimethylamine

Concen: 36.439 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

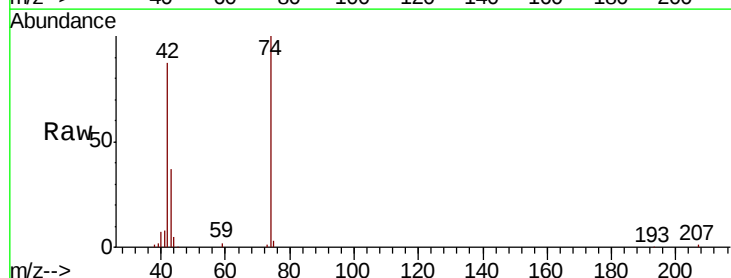
Tgt Ion: 42 Resp: 216589

Ion Ratio Lower Upper

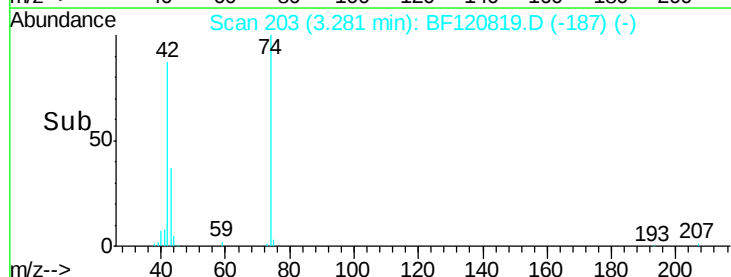
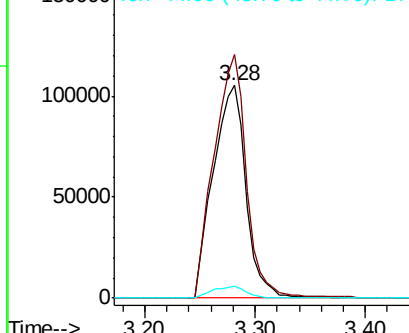
42 100

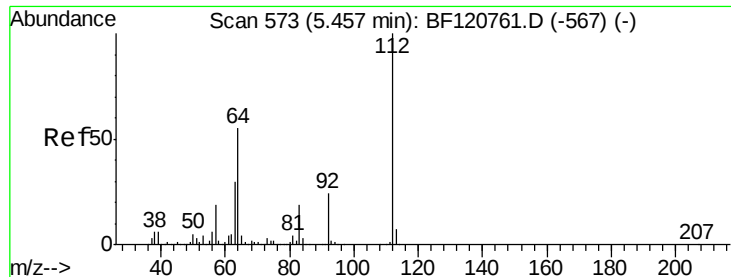
74 114.6 90.8 136.2

44 5.5 5.8 8.8#



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





#5

2-Fluorophenol

Concen: 75.411 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

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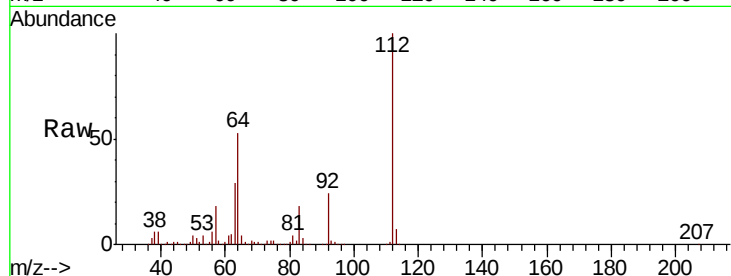
Tot Ion:112 Resp: 716100

Ion Ratio Lower Upper

112 100

64 53.3 43.8 65.6

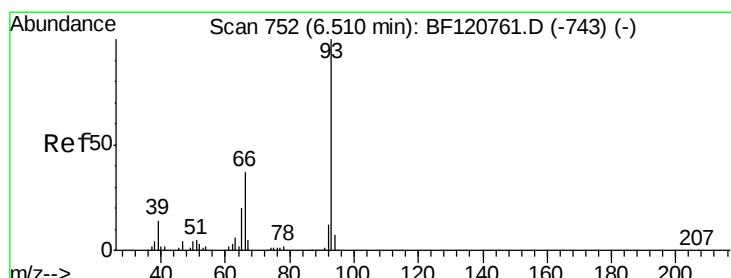
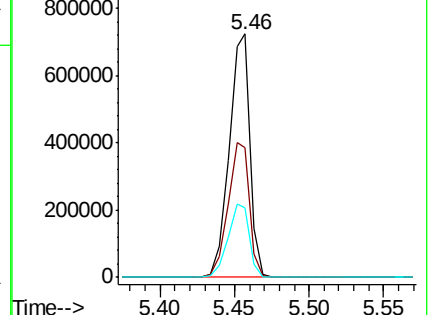
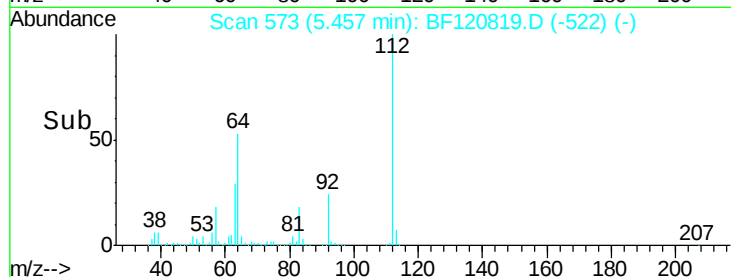
63 28.5 23.6 35.4



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: 36.968 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

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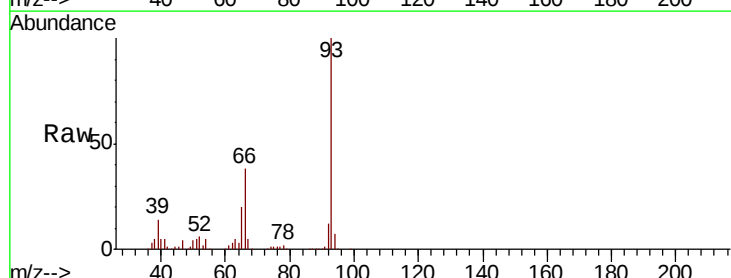
Tgt Ion: 93 Resp: 575743

Ion Ratio Lower Upper

93 100

66 37.6 31.3 46.9

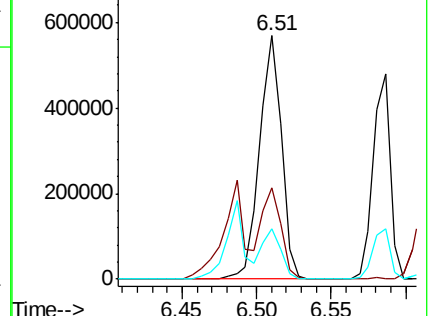
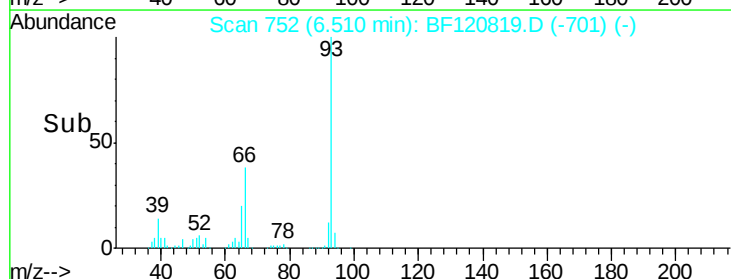
65 20.4 16.5 24.7



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: 74.525 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

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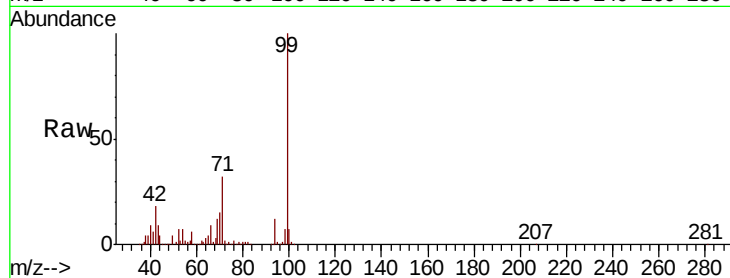
Tot Ion: 99 Resp: 903745

Ion Ratio Lower Upper

99 100

42 18.2 15.4 23.0

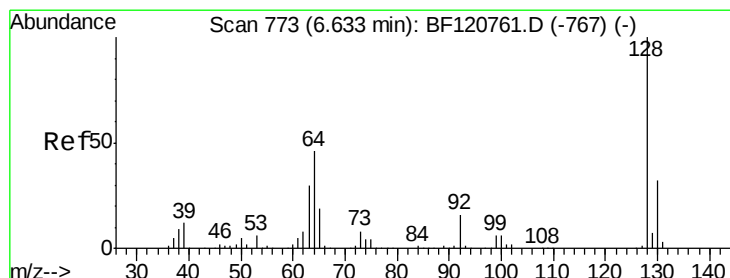
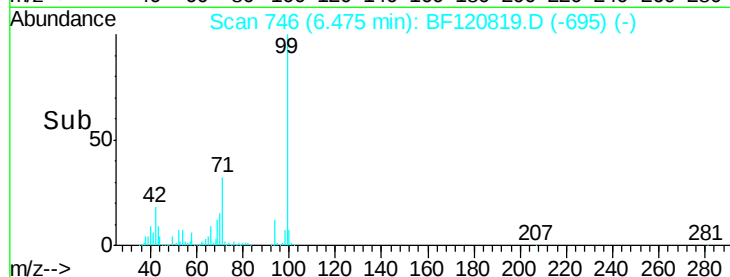
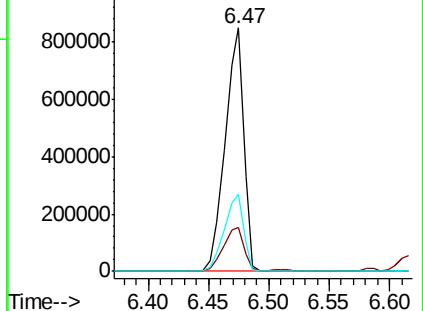
71 31.9 25.9 38.9



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: 38.023 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120819.D

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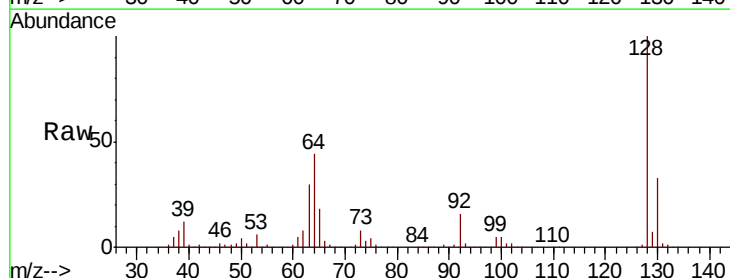
Tgt Ion: 128 Resp: 384414

Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

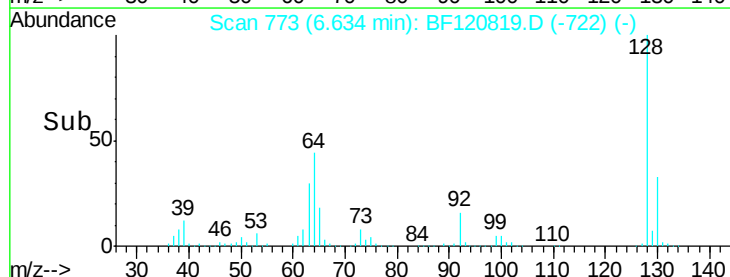
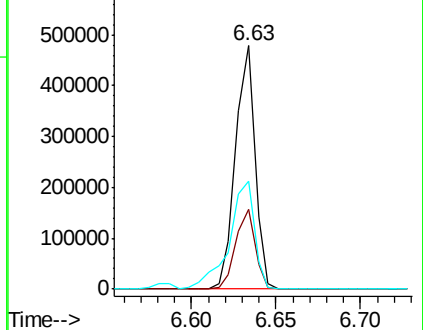
64 44.4 26.3 66.3

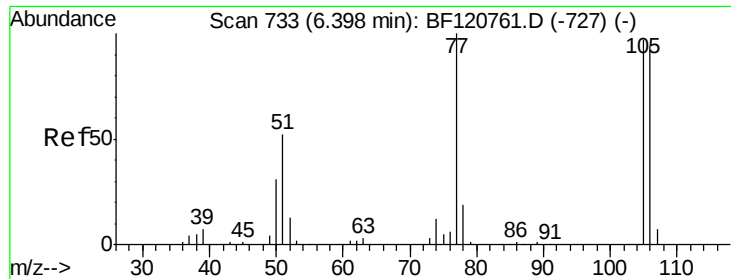


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

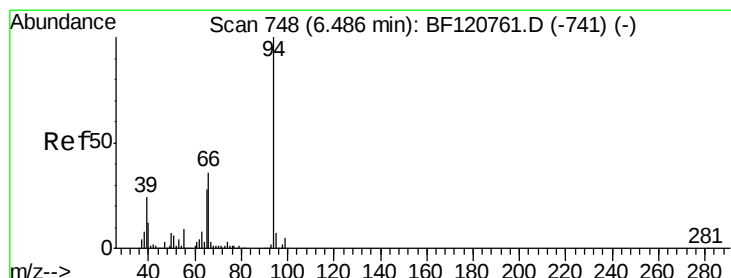
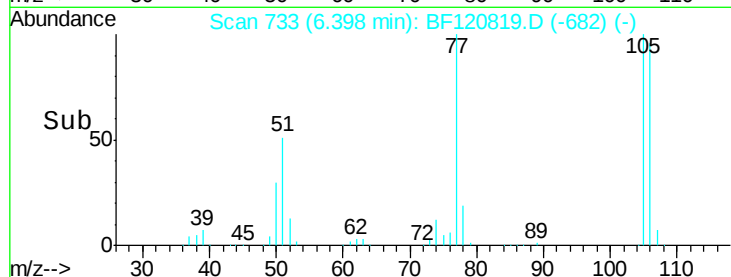
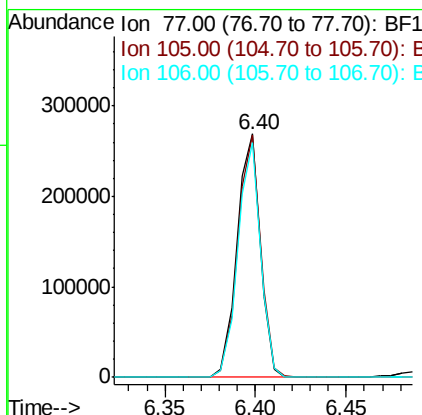
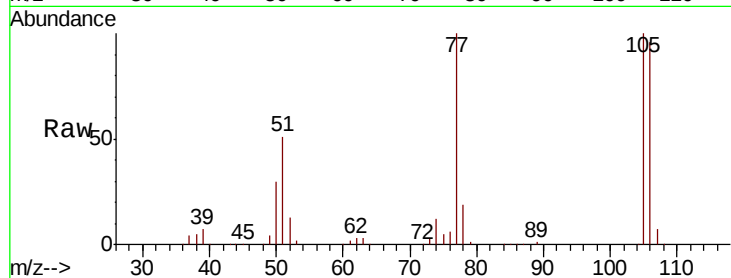




#9
Benzaldehyde
Concen: 33.217 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
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Acq: 10 Jul 2020 8:50

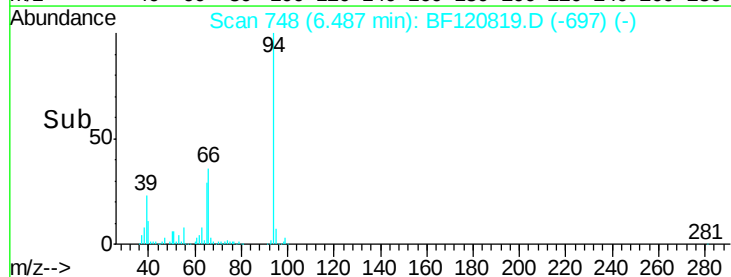
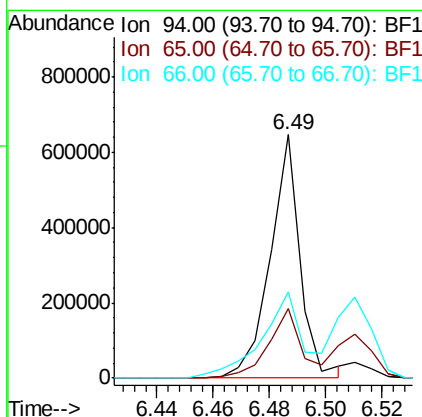
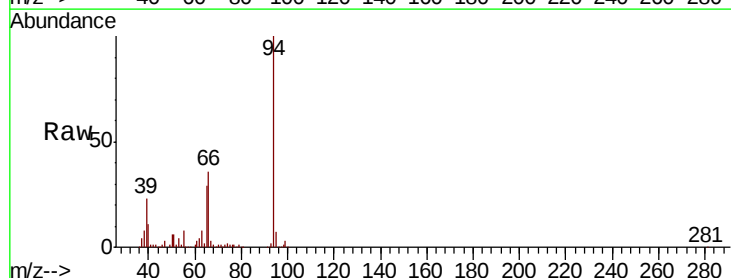
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

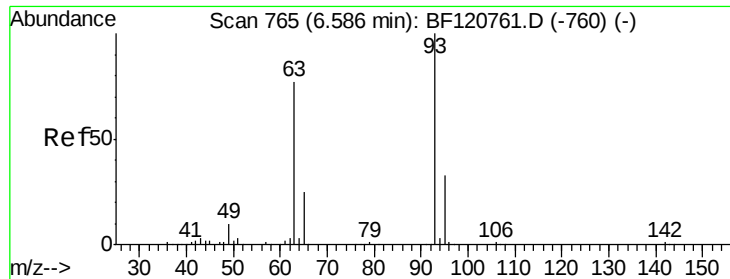
Tot Ion	Ratio	Lower	Upper
77	100		
105	99.5	76.8	116.8
106	96.1	73.8	113.8



#10
Phenol
Concen: 38.080 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.4	48.4
66	35.6	16.5	56.5

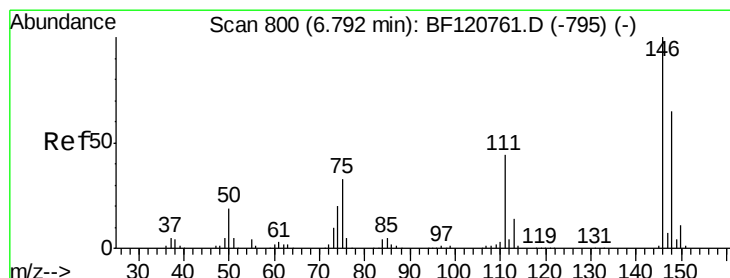
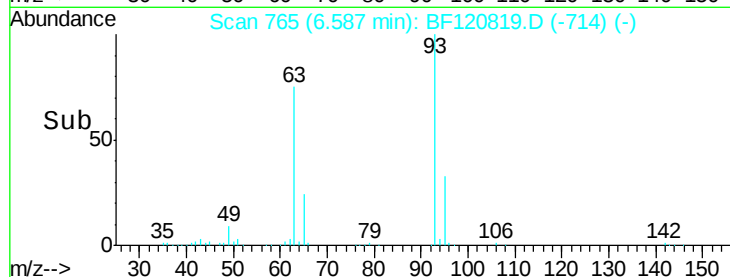
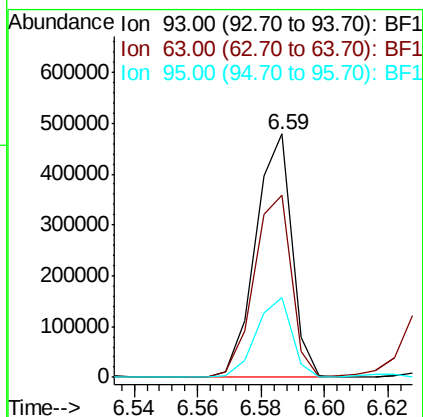
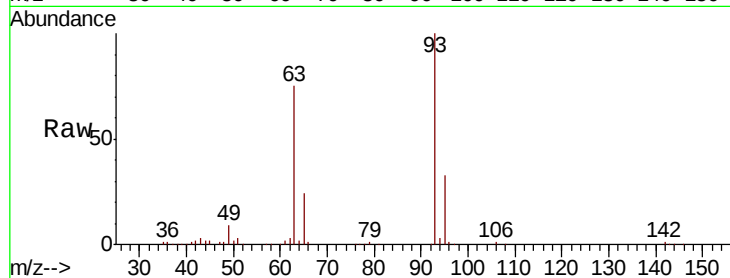




#11
bis(2-Chloroethyl)ether
Concen: 37.382 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

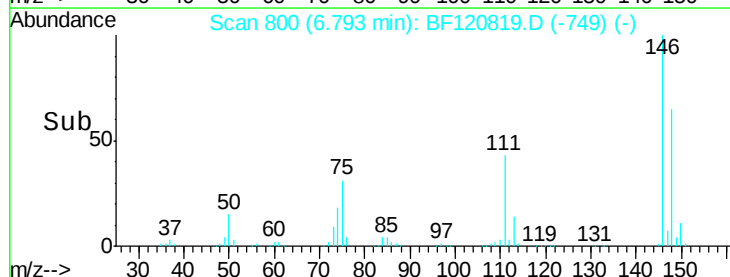
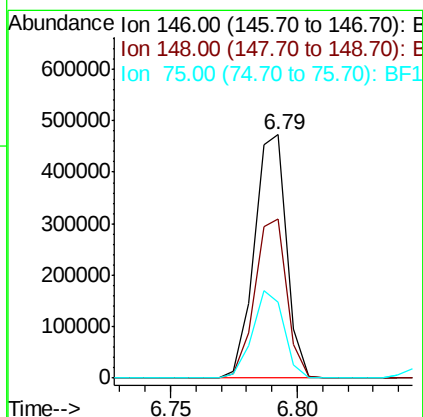
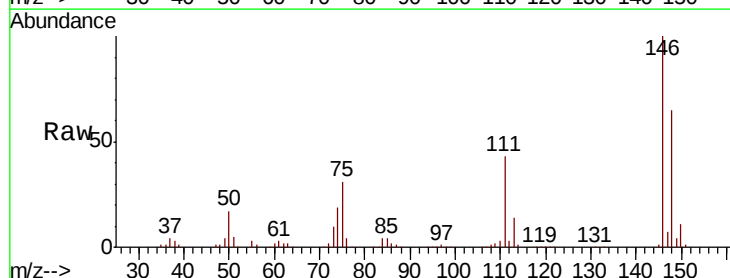
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

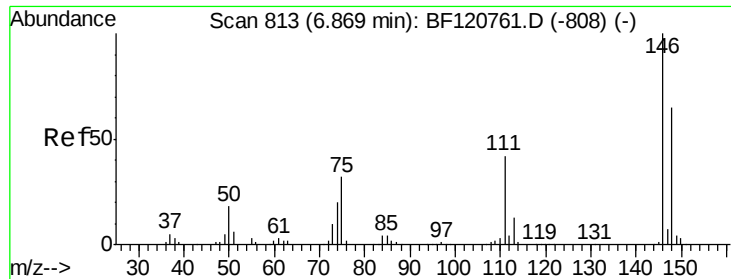
Tot Ion: 93 Resp: 379478
Ion Ratio Lower Upper
93 100
63 74.8 56.9 96.9
95 32.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 37.585 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion: 146 Resp: 418251
Ion Ratio Lower Upper
146 100
148 65.5 52.1 78.1
75 31.3 26.0 39.0

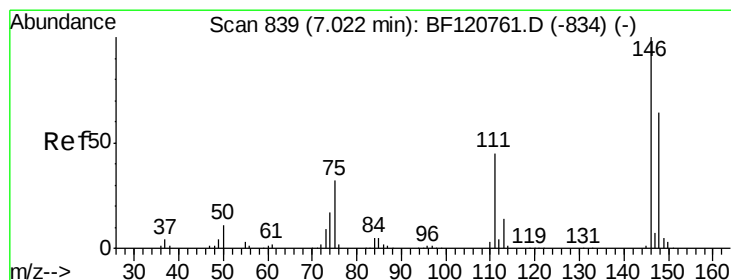
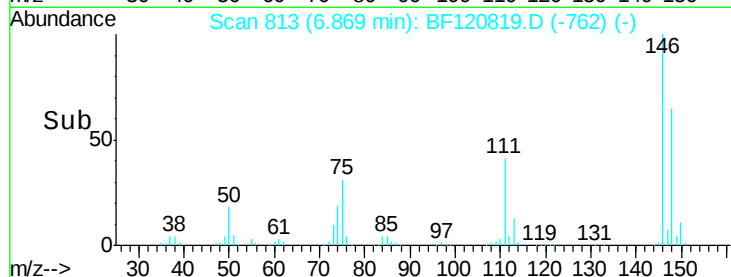
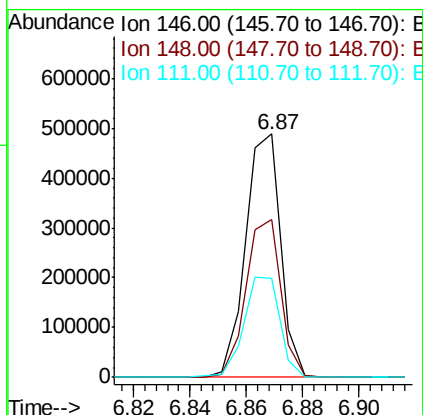
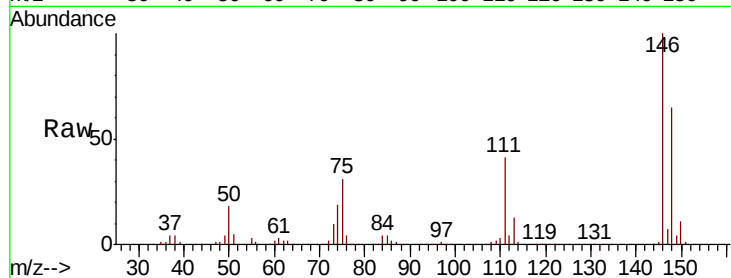




#13
 1,4-Dichlorobenzene
 Concen: 37.731 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

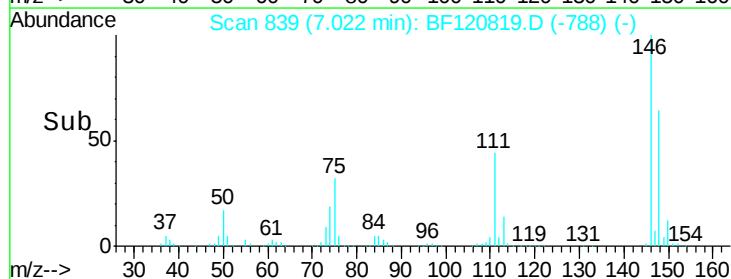
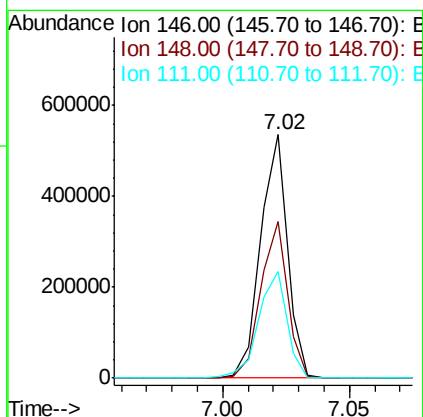
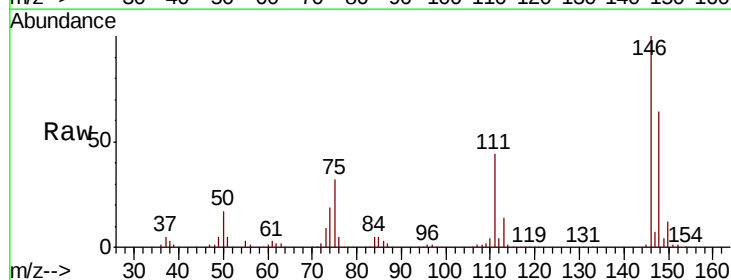
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 420543
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.6
 111 40.7 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 37.696 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion:146 Resp: 399735
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.4
 111 44.1 35.7 53.5





#15

Benzyl Alcohol

Concen: 36.489 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

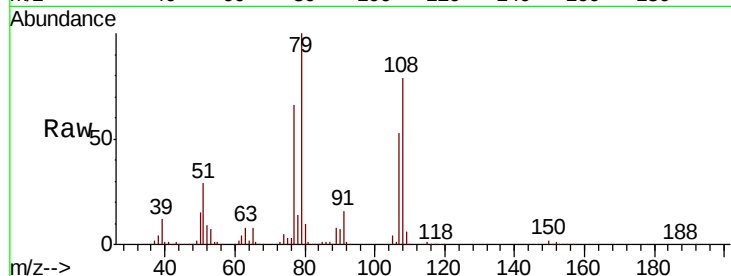
Tot Ion: 79 Resp: 332464

Ion Ratio Lower Upper

79 100

108 79.3 62.4 93.6

77 65.9 52.7 79.1



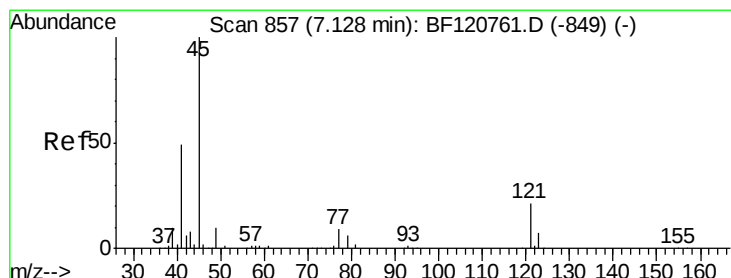
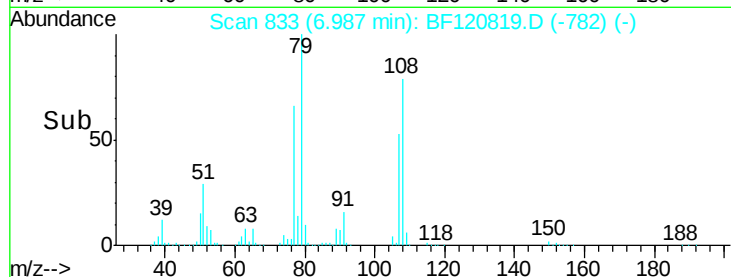
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

6.99

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.511 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

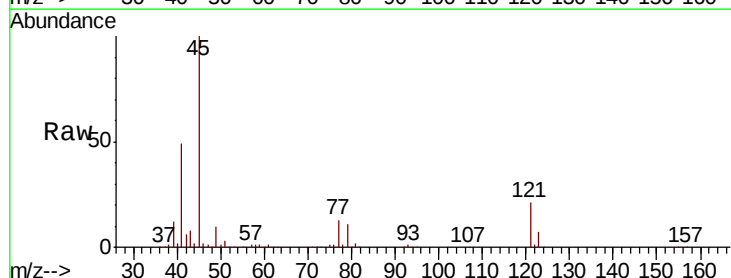
Tgt Ion: 45 Resp: 578101

Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.7

79 10.7 0.0 30.5



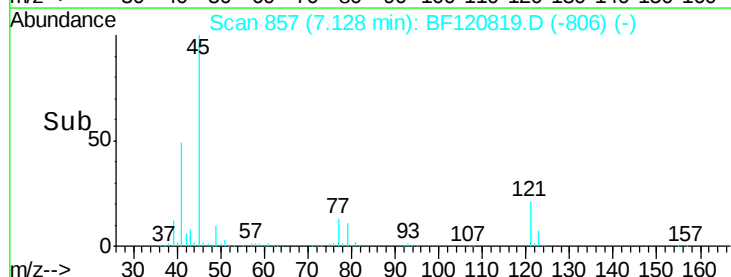
Abundance Ion 45.00 (44.70 to 45.70): BF1

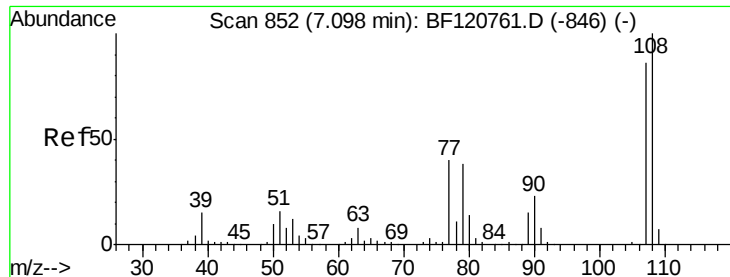
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.13

Time-->





#17

2-Methylphenol

Concen: 37.472 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 338905

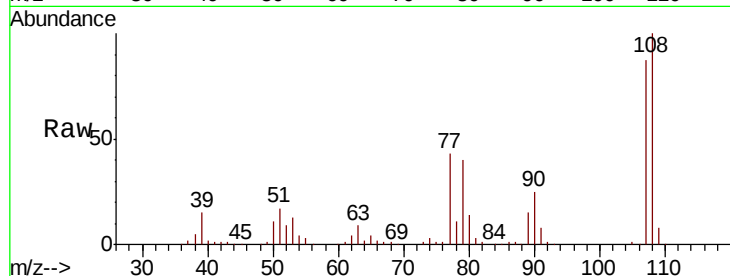
Ion Ratio Lower Upper

107 100

108 114.5 93.1 139.7

77 48.9 37.3 55.9

79 46.2 35.3 52.9

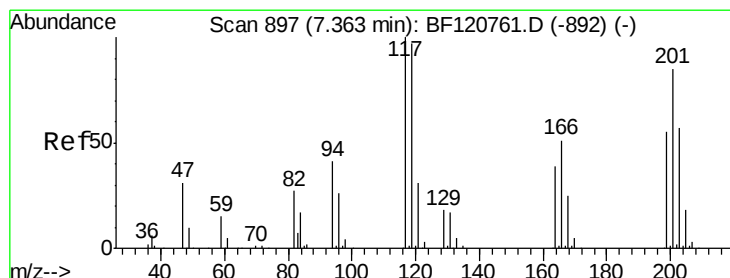
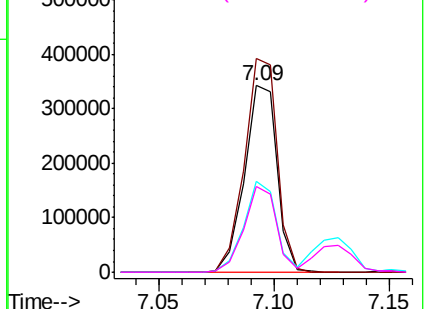
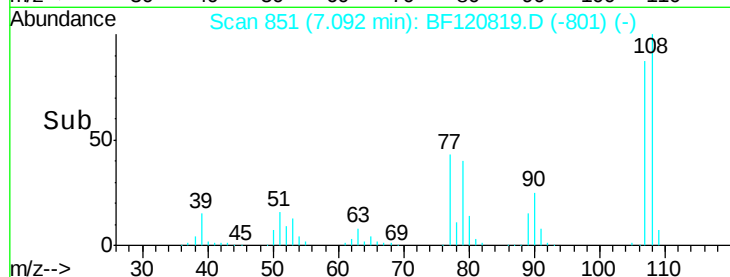


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.151 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

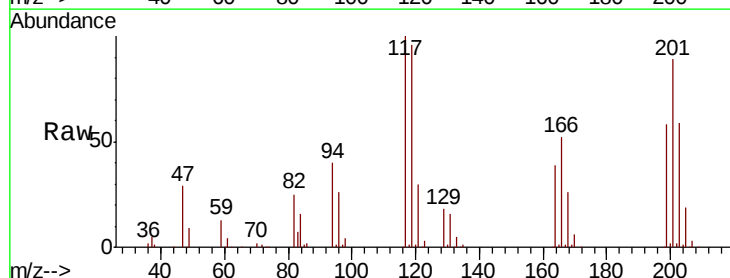
Tgt Ion:117 Resp: 159823

Ion Ratio Lower Upper

117 100

119 95.7 77.9 116.9

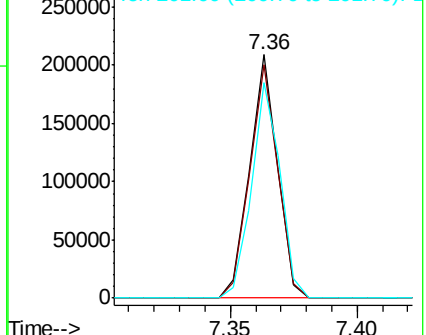
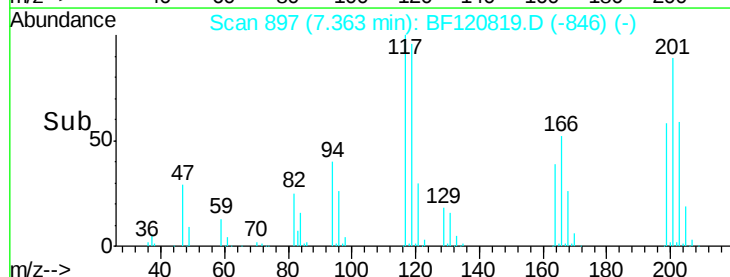
201 88.7 68.3 102.5

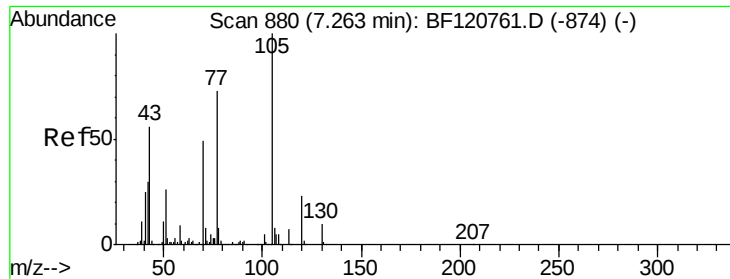


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

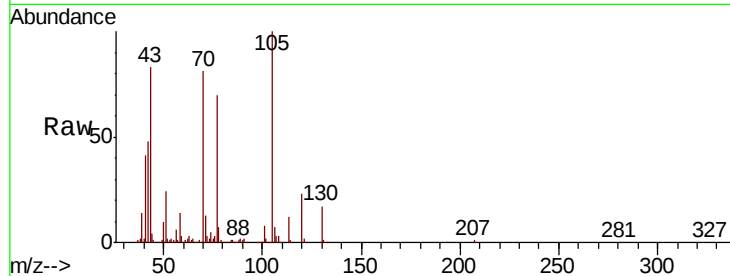




#19
n-Nitroso-di-n-propylamine
Concen: 35.967 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	262617
Ion	Ratio	Lower	Upper
70	100		
42	59.2	50.3	75.5
101	9.4	7.5	11.3
130	21.2	16.1	24.1



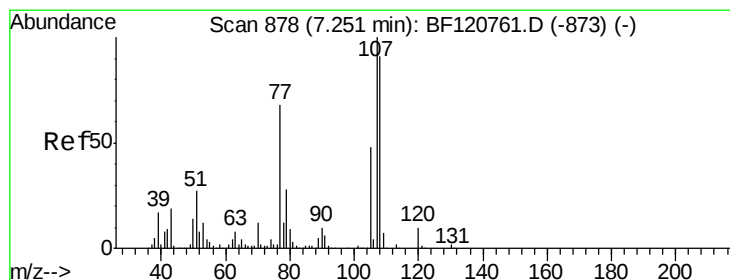
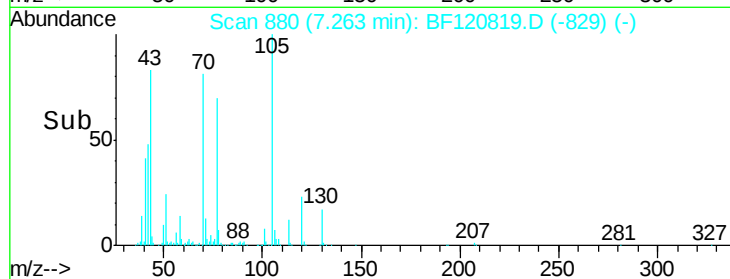
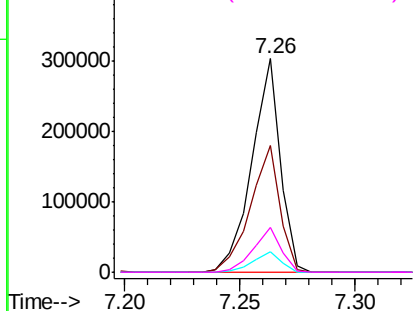
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

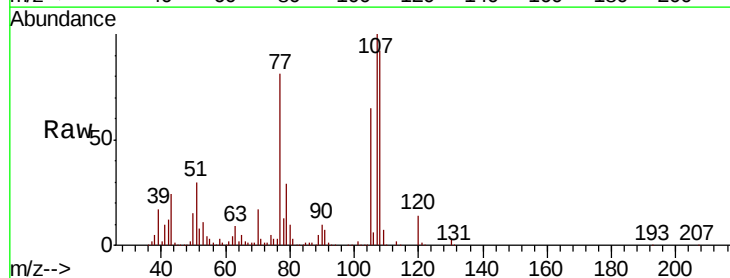
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 37.617 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion:	107	Resp:	419034
Ion	Ratio	Lower	Upper
107	100		
108	92.5	70.9	110.9
77	81.2	48.3	88.3
79	29.4	7.8	47.8



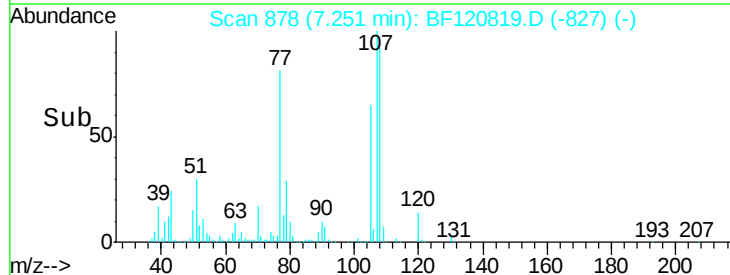
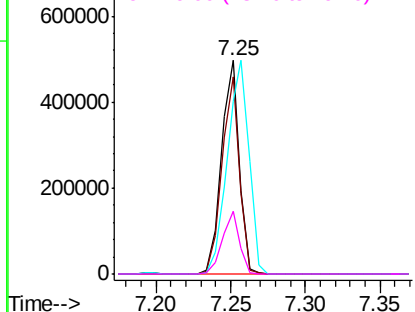
Abundance

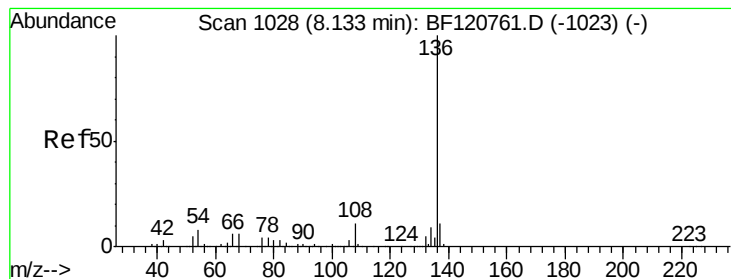
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 527603

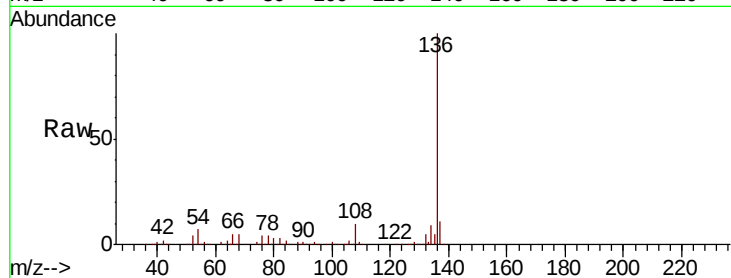
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.4 6.2 9.4

68 5.3 4.7 7.1

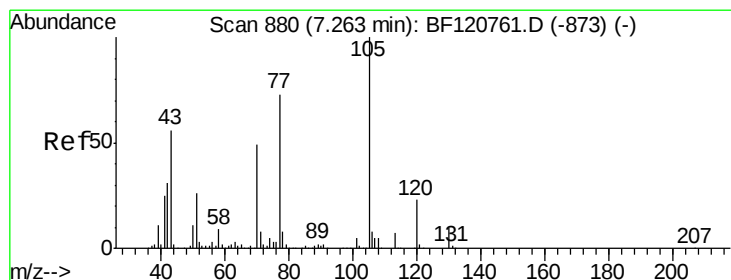
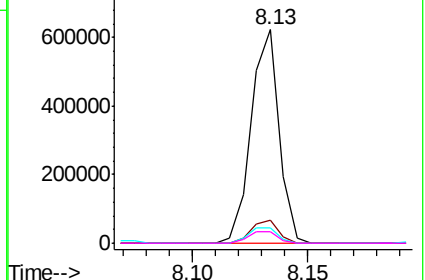
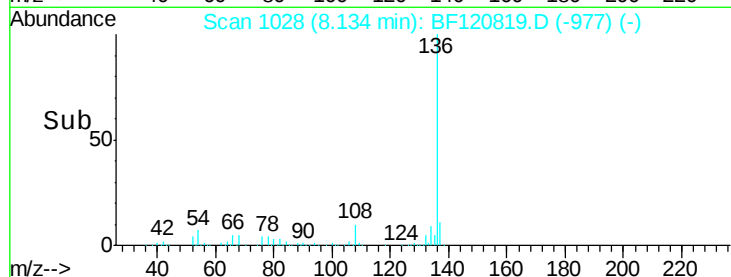


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.600 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:105 Resp: 506210

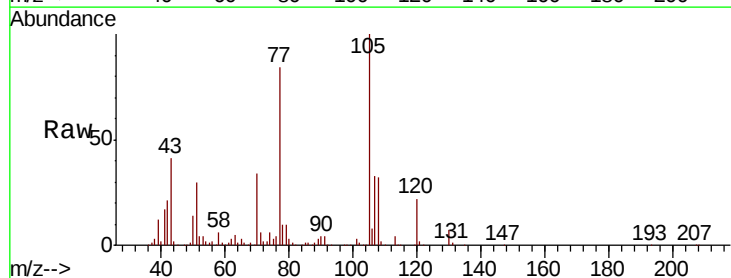
Ion Ratio Lower Upper

105 100

71 5.6 6.5 9.7#

51 29.8 21.0 31.4

120 22.3 18.6 28.0

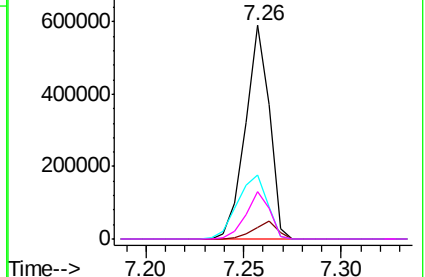
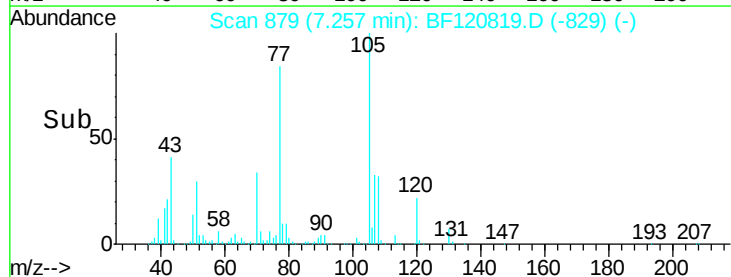


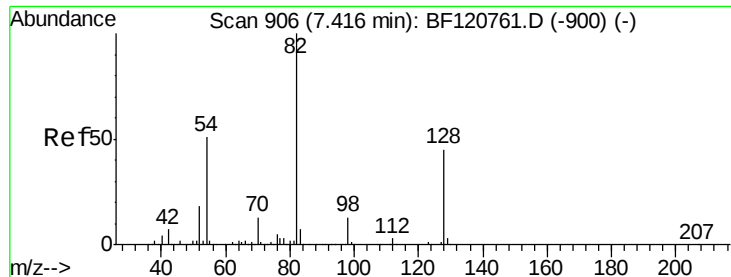
Abundance Ion 105.00 (104.70 to 105.70): E

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

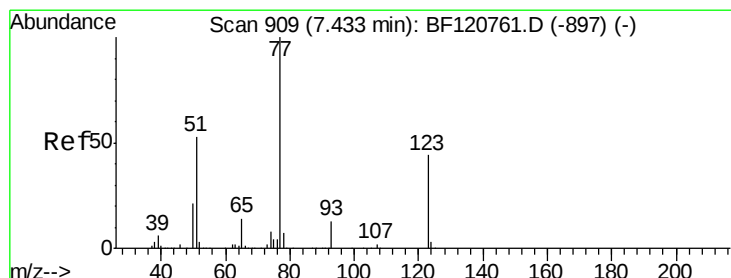
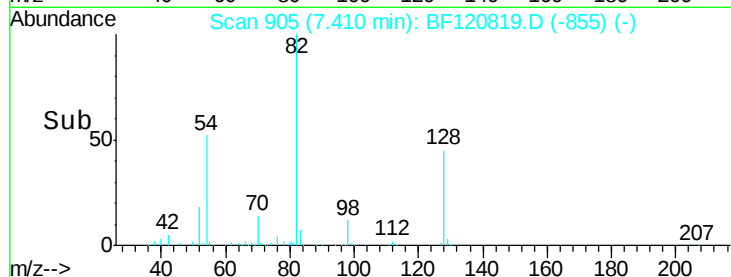
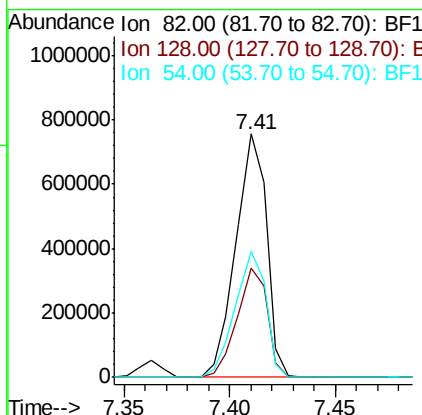
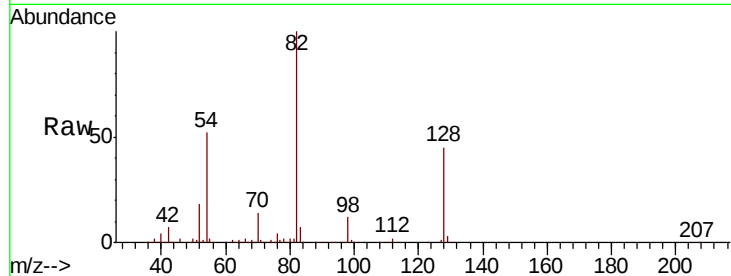




#23
Nitrobenzene-d5
Concen: 83.770 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

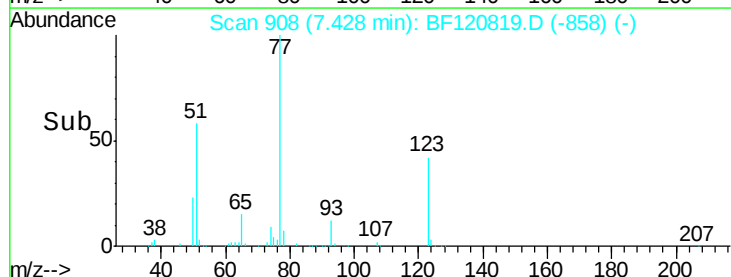
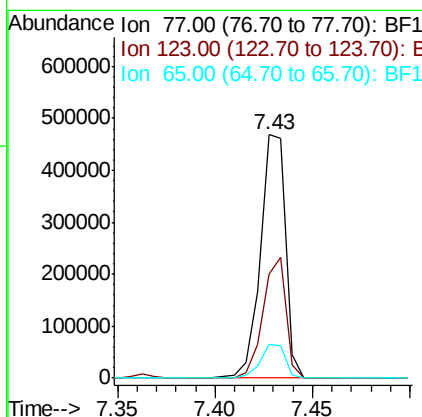
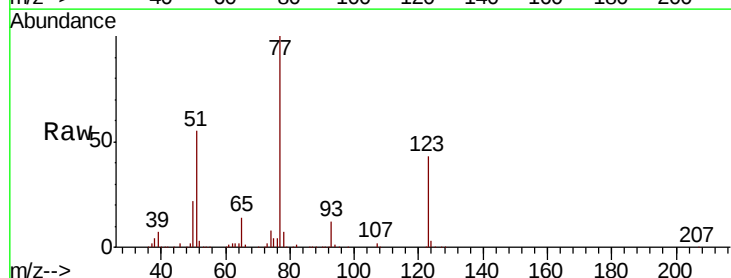
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

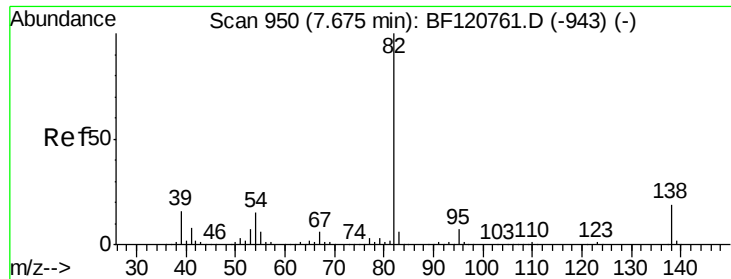
Tot Ion	82	Resp	762843
Ion Ratio	Lower	Upper	
82	100		
128	45.1	35.7	53.5
54	51.9	40.9	61.3



#24
Nitrobenzene
Concen: 40.792 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	77	Resp	417088
Ion Ratio	Lower	Upper	
77	100		
123	42.6	36.1	54.1
65	13.9	11.0	16.4





#25

Isophorone

Concen: 36.925 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

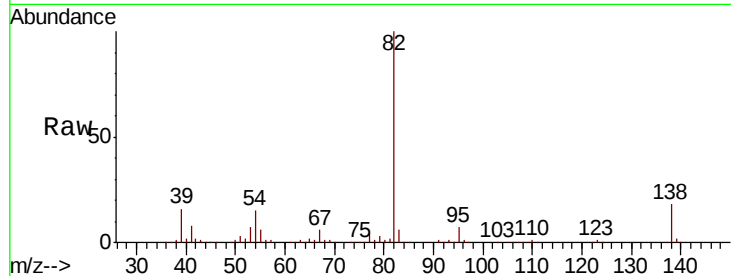
Tot Ion: 82 Resp: 725154

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

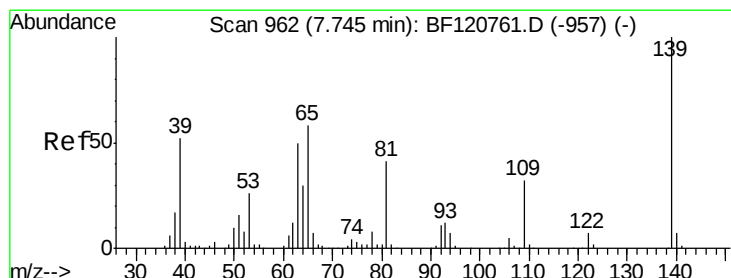
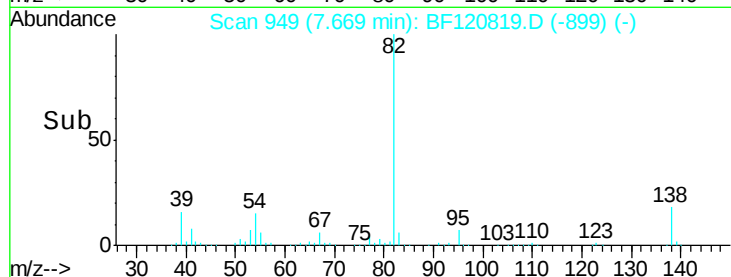
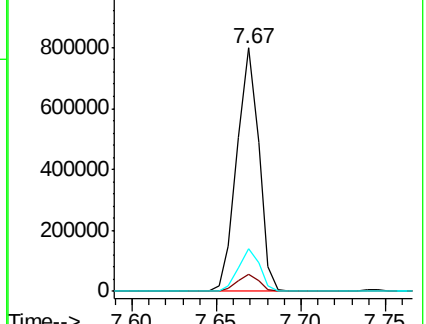
138 17.5 15.0 22.4



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: 38.646 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

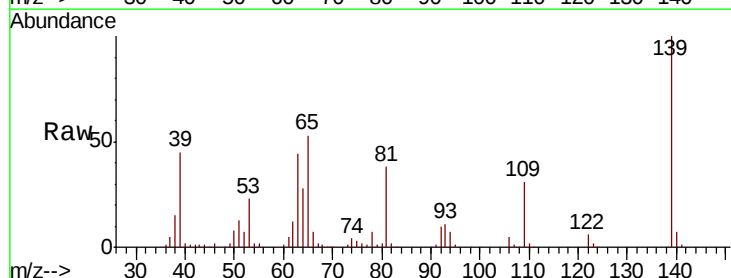
Tgt Ion: 139 Resp: 162496

Ion Ratio Lower Upper

139 100

109 31.0 25.3 37.9

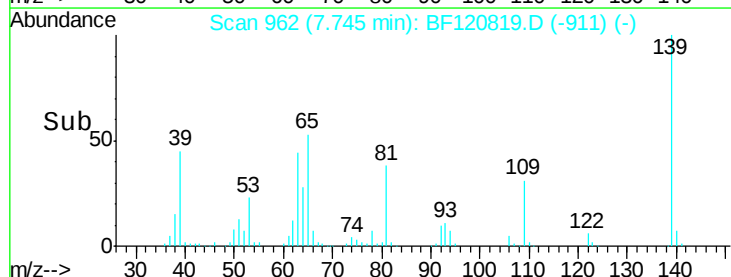
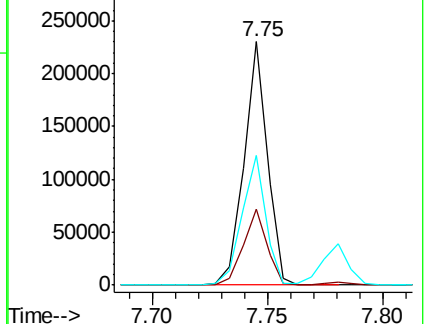
65 53.2 46.2 69.2

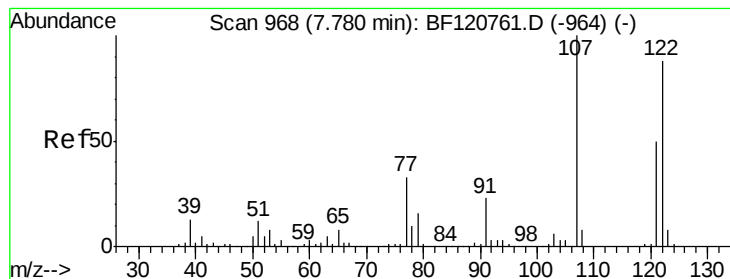


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.085 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

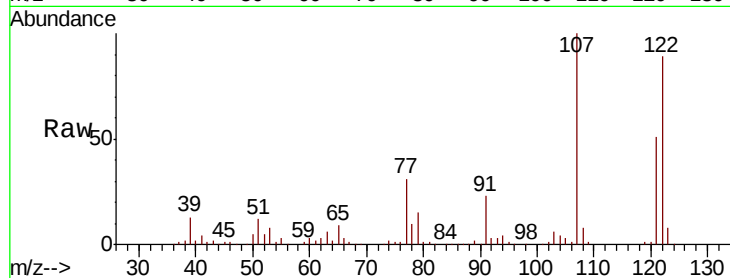
Tot Ion:122 Resp: 298568

Ion Ratio Lower Upper

122 100

107 112.3 90.7 136.1

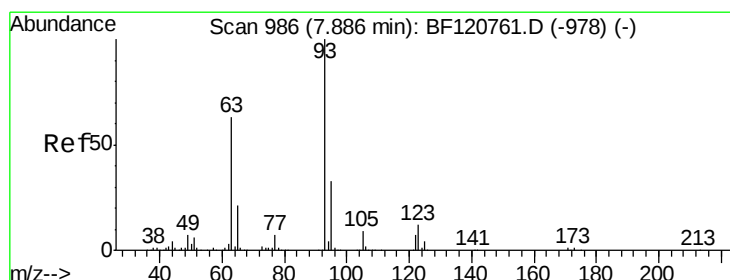
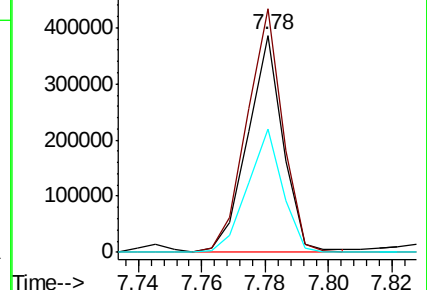
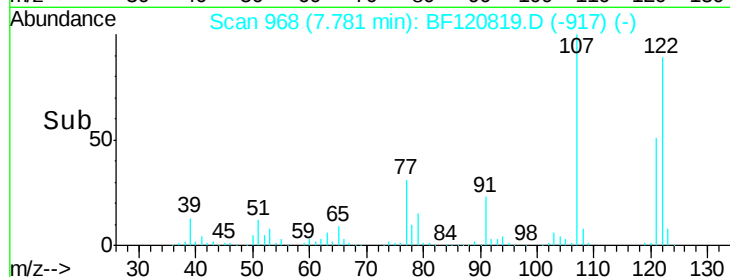
121 56.8 45.4 68.0



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: 38.378 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

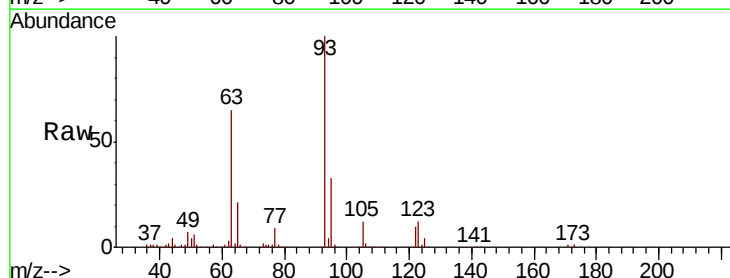
Tgt Ion: 93 Resp: 446074

Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

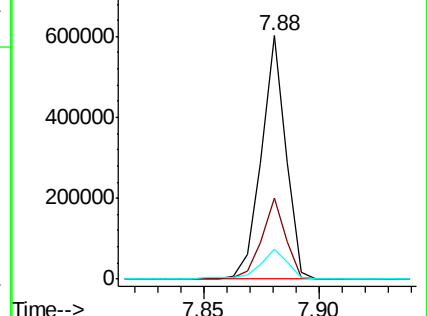
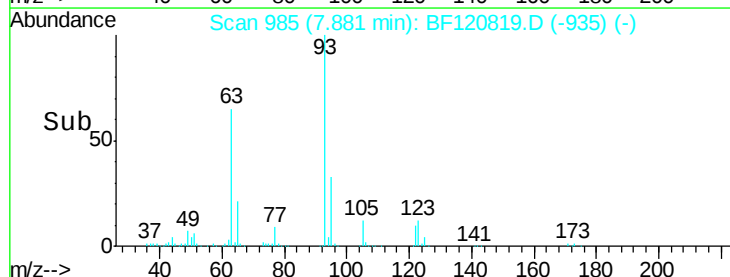
123 12.1 10.2 15.2

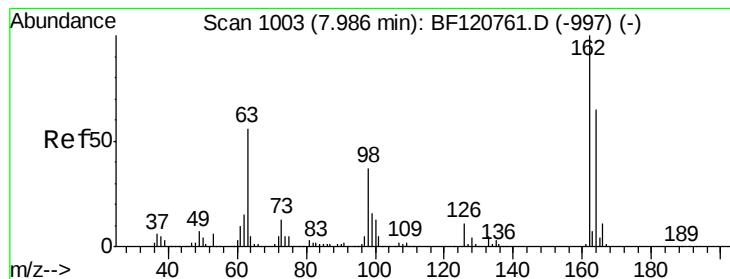


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.007 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

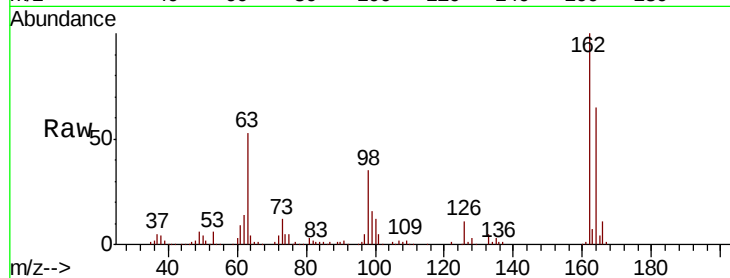
Tot Ion:162 Resp: 305279

Ion Ratio Lower Upper

162 100

164 65.2 45.2 85.2

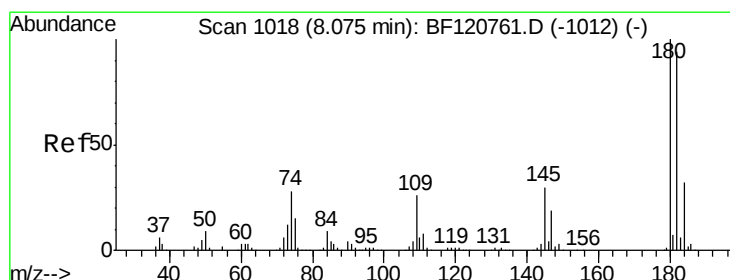
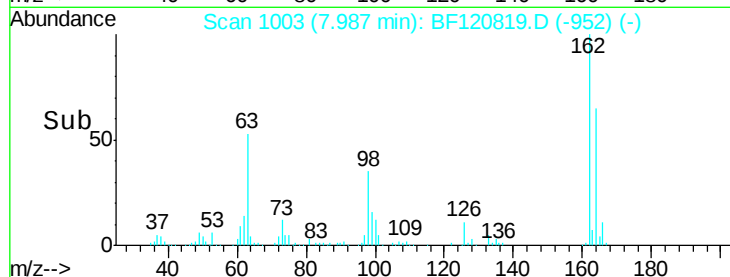
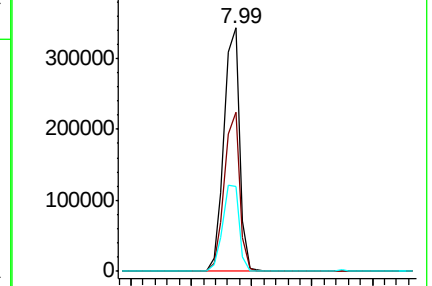
98 34.9 17.0 57.0



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: 39.390 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

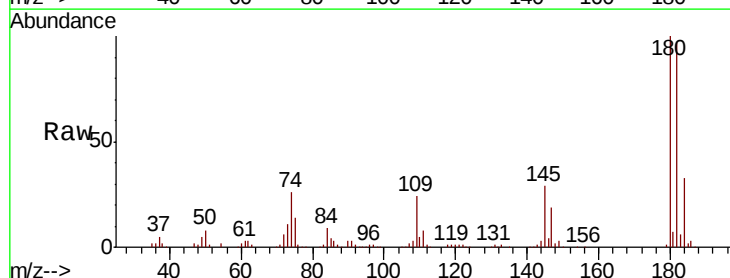
Tgt Ion:180 Resp: 346256

Ion Ratio Lower Upper

180 100

182 96.9 75.5 113.3

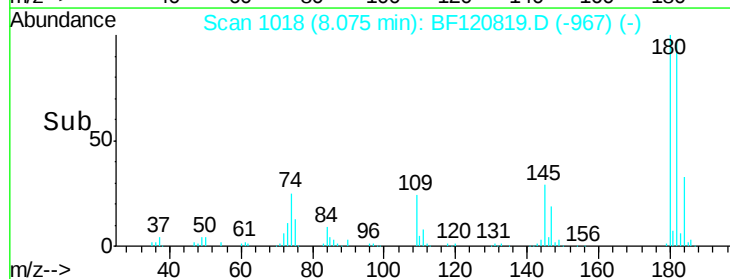
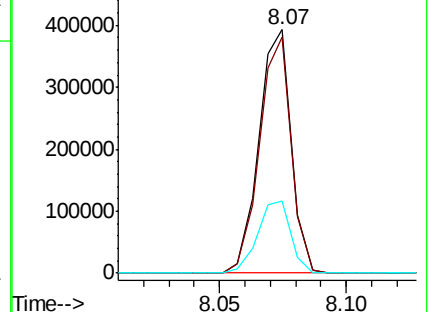
145 29.4 24.1 36.1

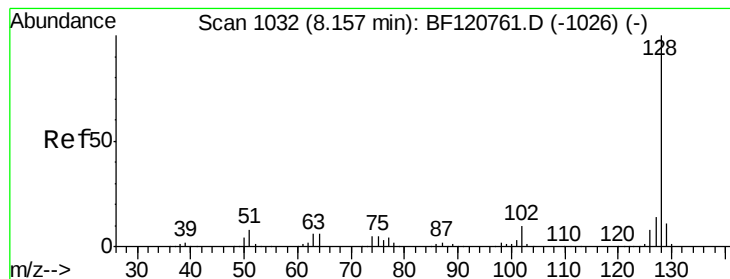


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.708 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

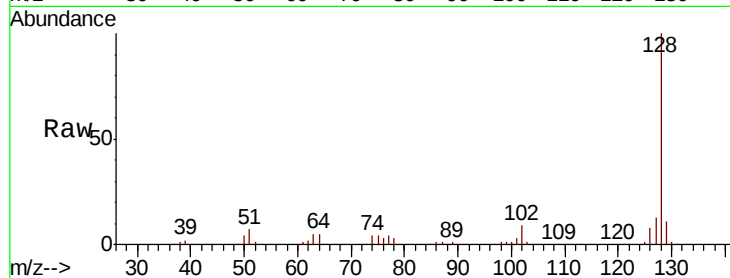
Tot Ion:128 Resp: 1091416

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

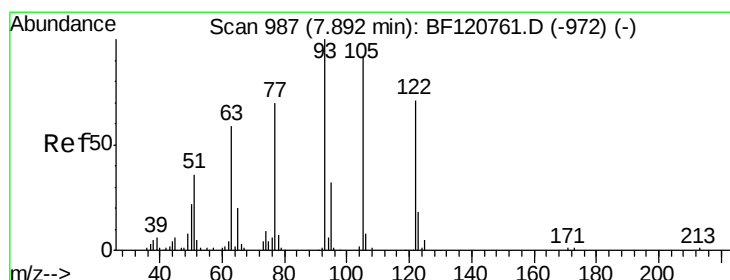
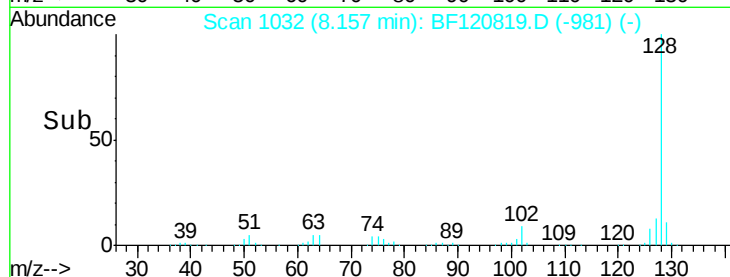
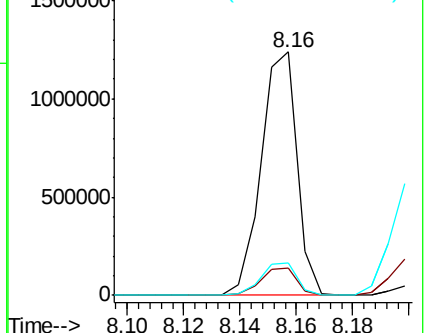
127 13.4 11.1 16.7



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: 34.631 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

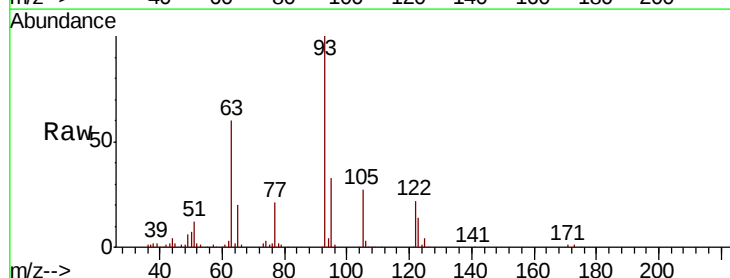
Tgt Ion:122 Resp: 184821

Ion Ratio Lower Upper

122 100

105 124.5 105.8 145.8

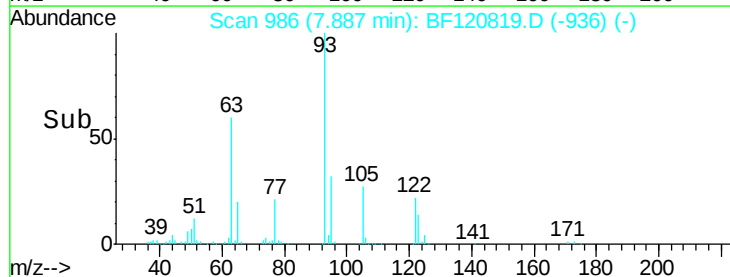
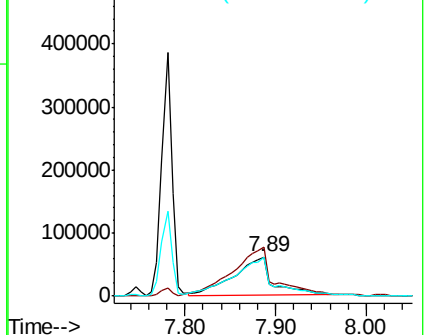
77 98.3 77.3 117.3



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

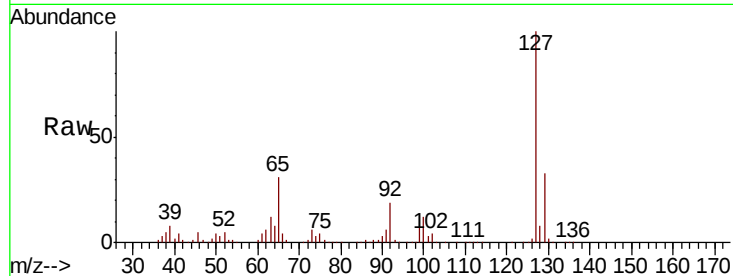




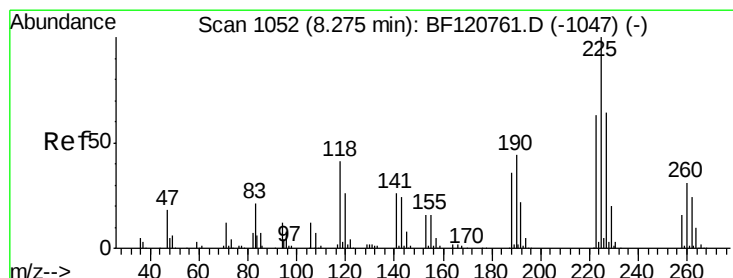
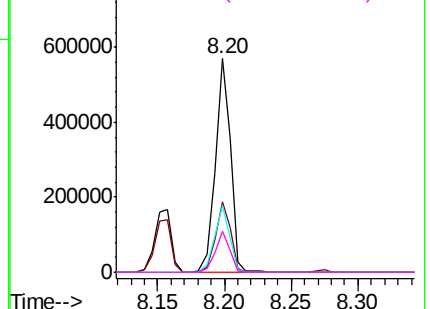
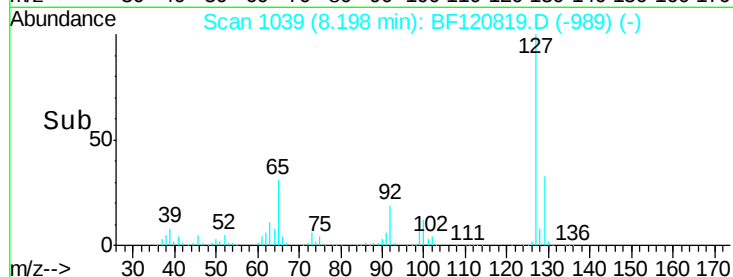
#33
4-Chloroaniline
Concen: 37.935 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	453889
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8
65	31.3	22.7	34.1
92	19.0	14.3	21.5

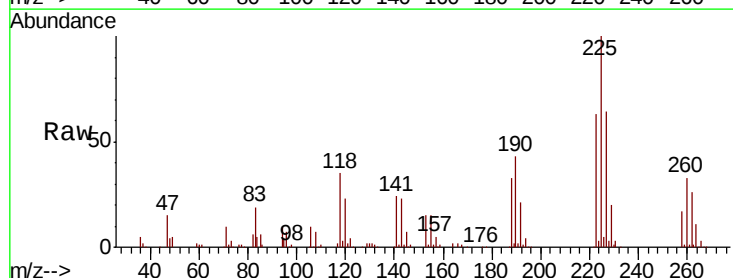


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

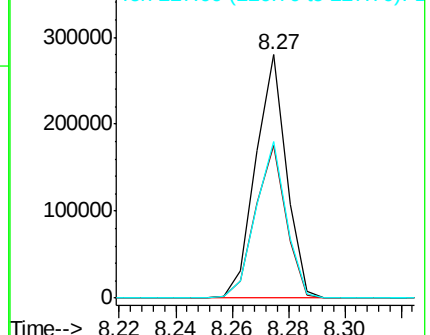
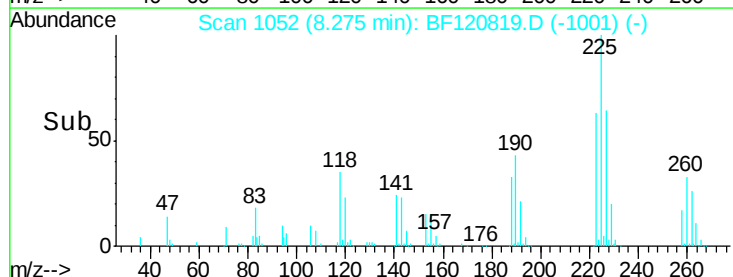


#34
Hexachlorobutadiene
Concen: 39.900 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion:	225	Resp:	210941
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	64.2	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

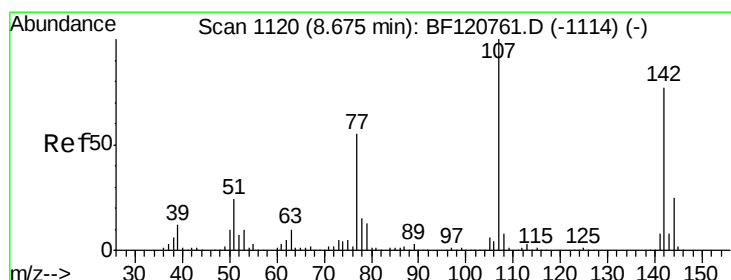
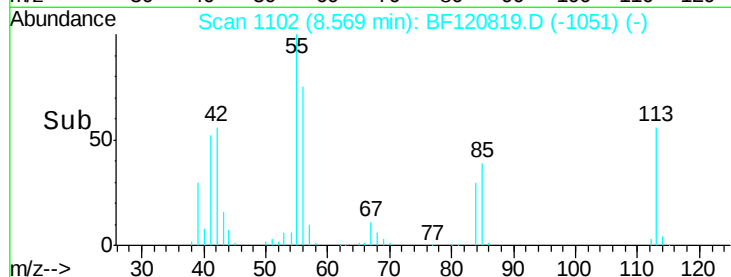
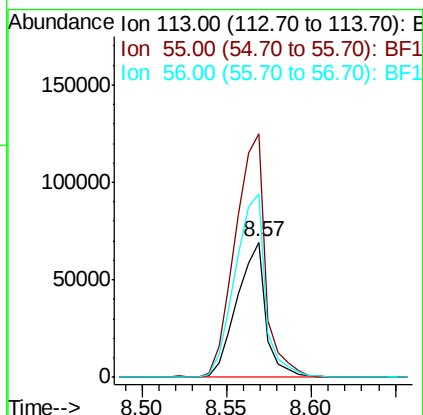
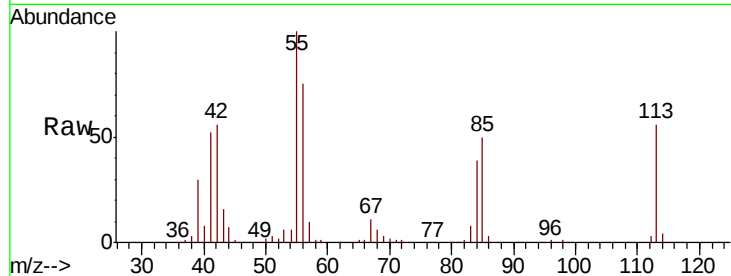




#35
 Caprolactam
 Concen: 36.265 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

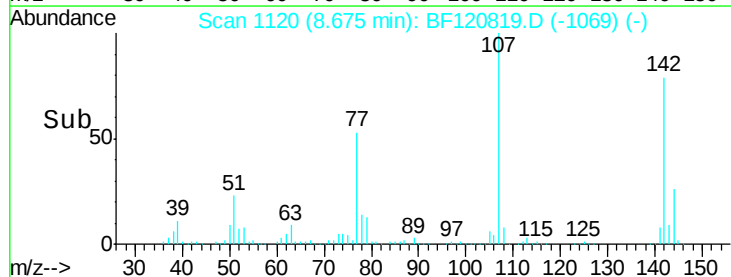
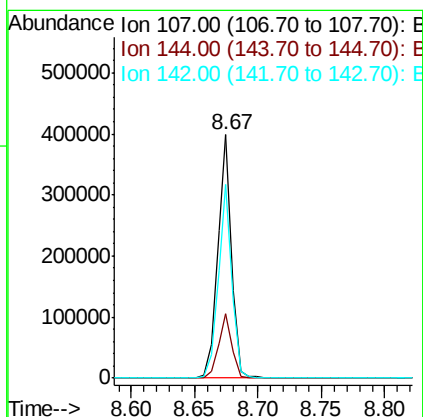
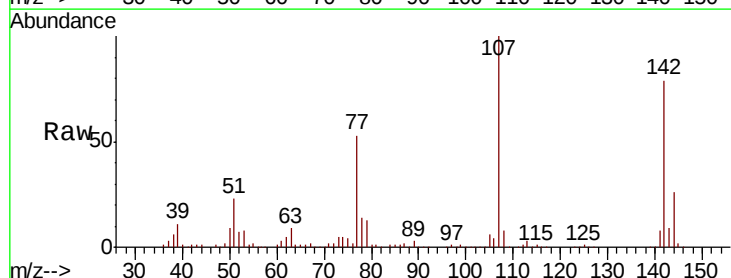
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

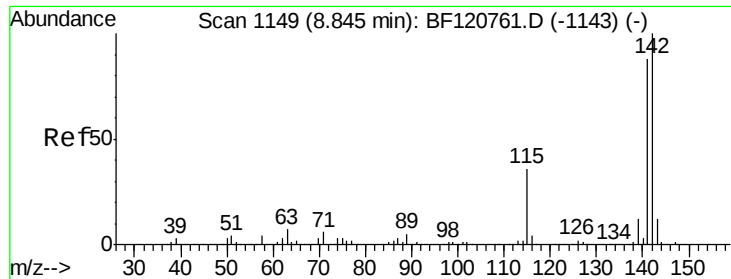
Tot Ion:113 Resp: 82701
 Ion Ratio Lower Upper
 113 100
 55 180.1 168.3 208.3
 56 135.6 118.8 158.8



#36
 4-Chloro-3-methylphenol
 Concen: 37.527 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion:107 Resp: 305509
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.7 29.5
 142 79.4 61.2 91.8

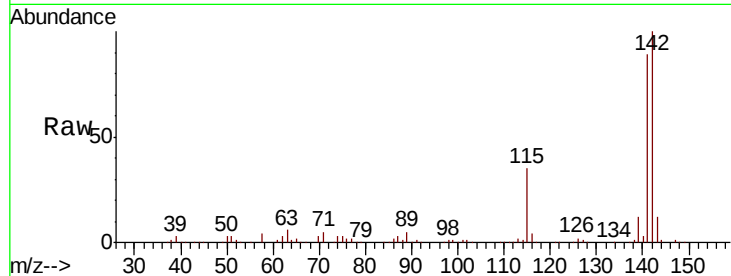




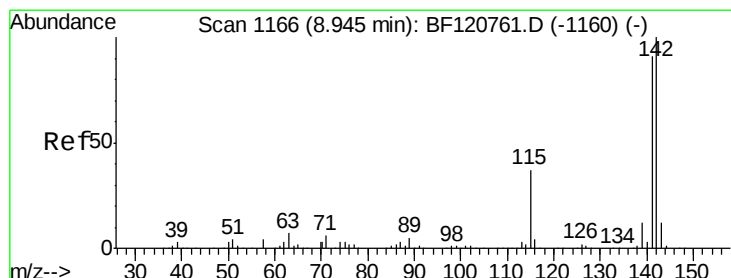
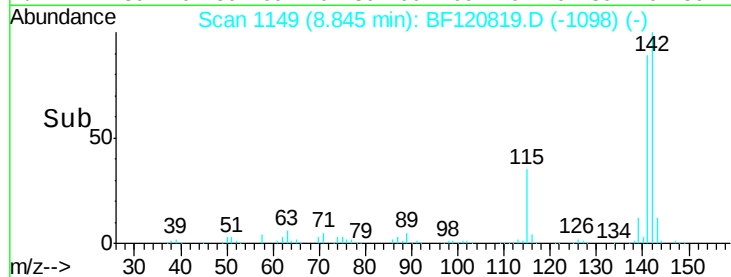
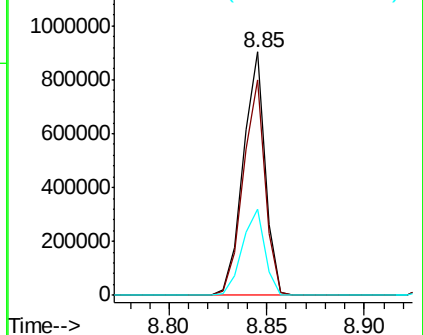
#37
2-Methylnaphthalene
Concen: 38.261 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.4
115	35.3	29.0	43.4

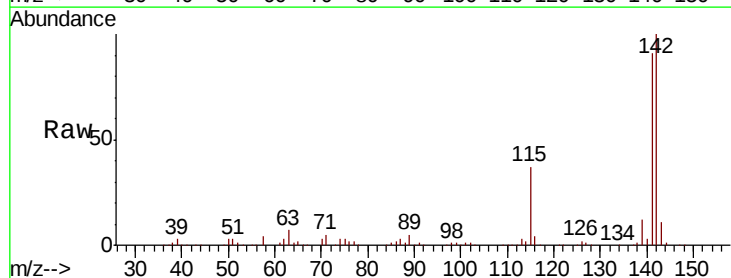


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

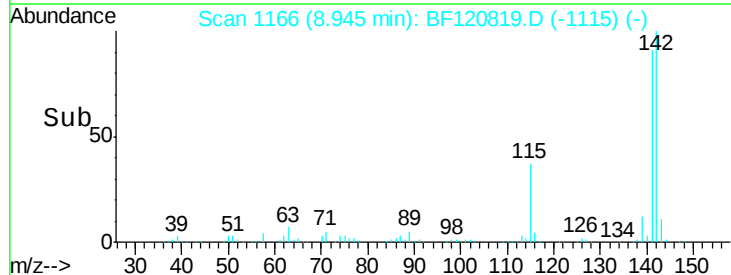
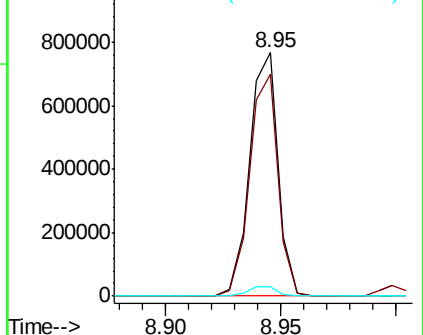


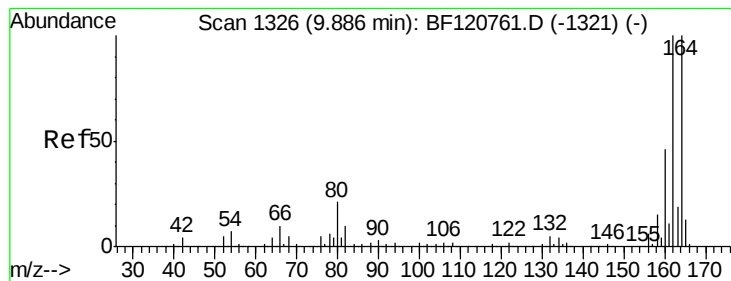
#38
1-Methylnaphthalene
Concen: 38.336 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	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: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

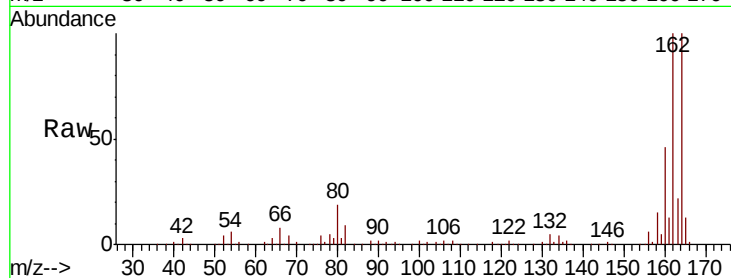
Tot Ion:164 Resp: 254564

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

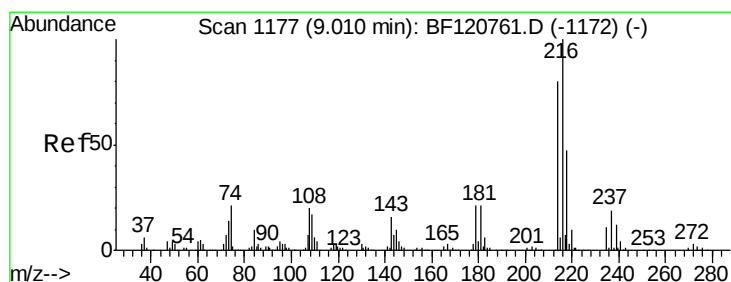
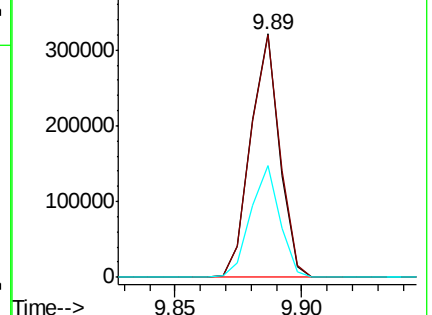
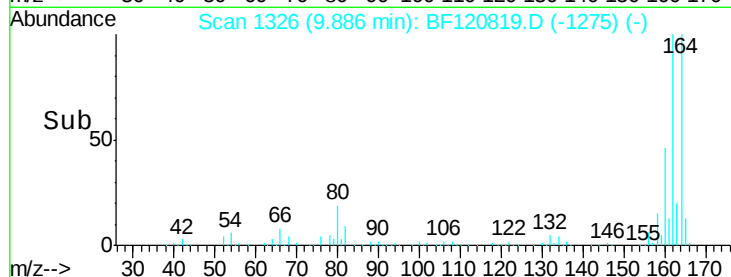
160 45.9 36.9 55.3



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: 40.959 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:216 Resp: 315123

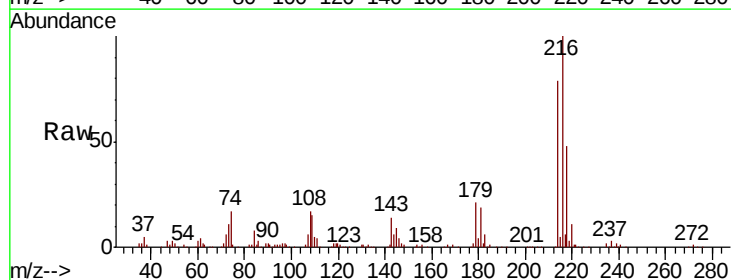
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 21.2 16.7 25.1

108 21.1 17.0 25.4

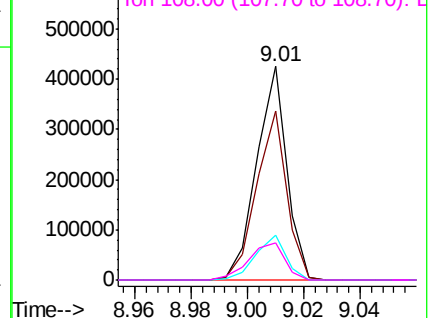
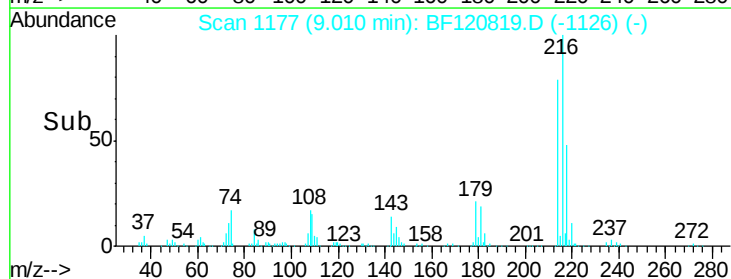


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.152 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

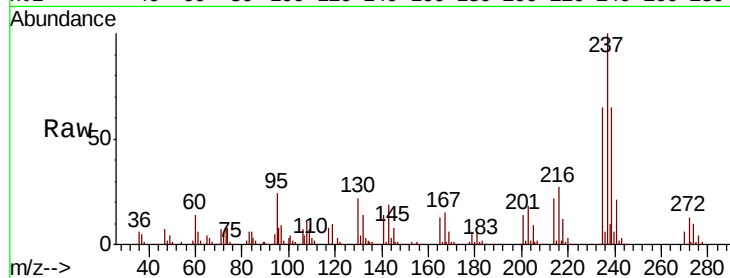
Tot Ion:237 Resp: 173424

Ion Ratio Lower Upper

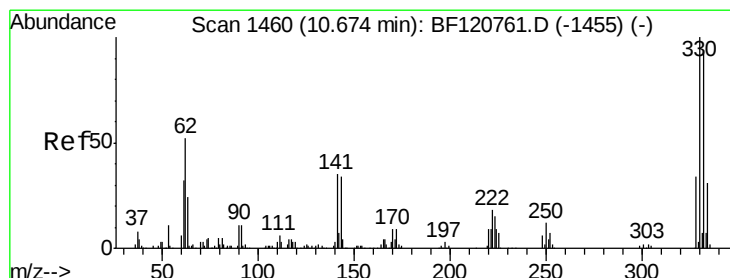
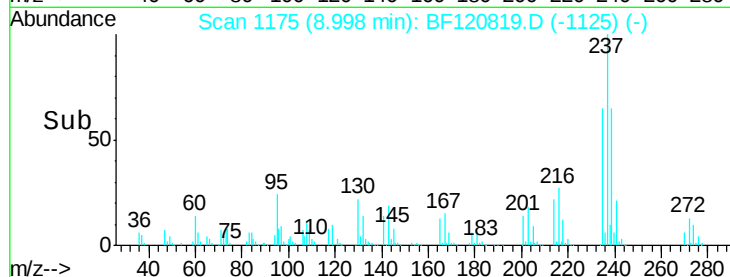
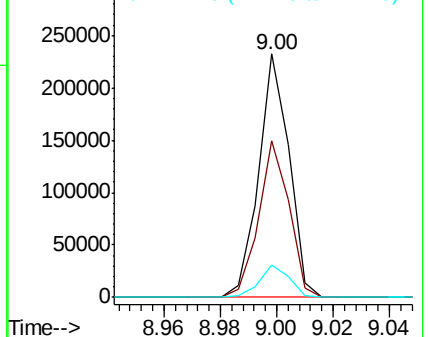
237 100

235 64.5 42.1 82.1

272 13.4 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: 82.650 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

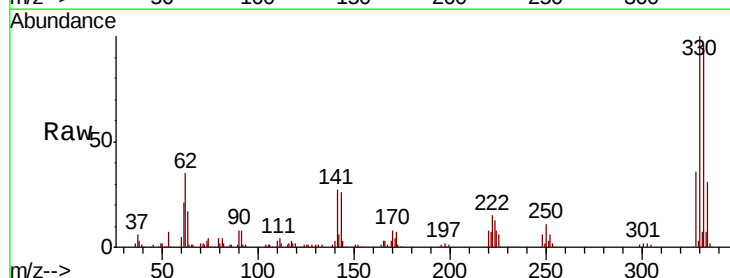
Tgt Ion:330 Resp: 211374

Ion Ratio Lower Upper

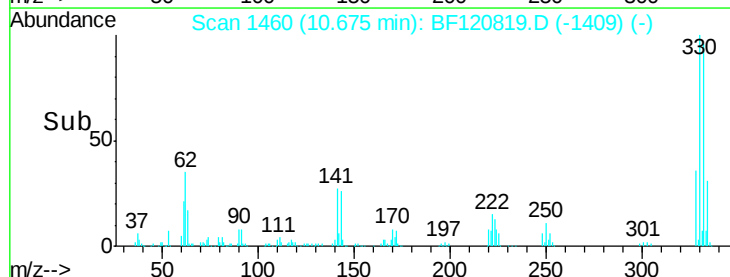
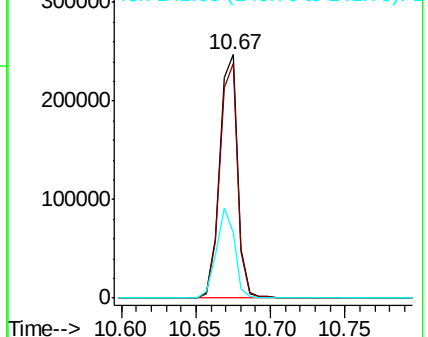
330 100

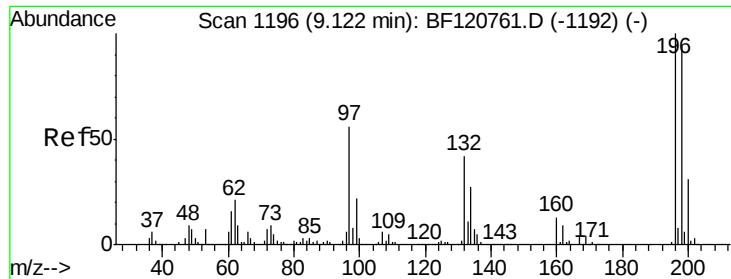
332 95.5 75.8 113.6

141 37.0 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

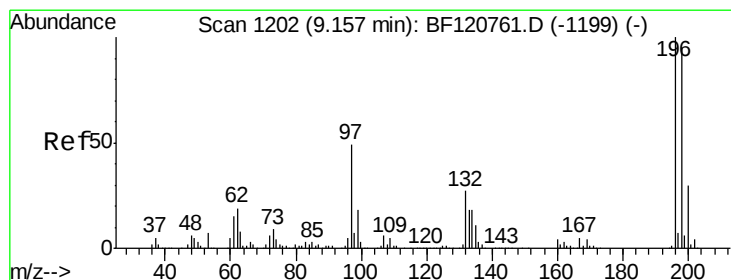
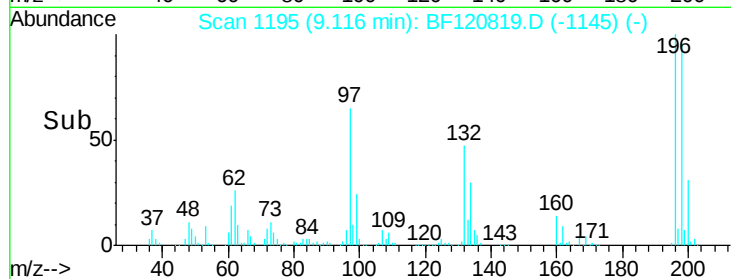
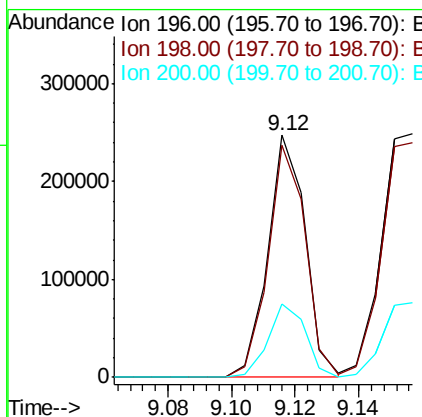
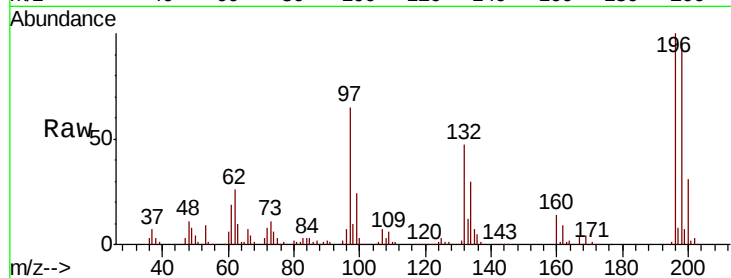




#43
 2,4,6-Trichlorophenol
 Concen: 38.665 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

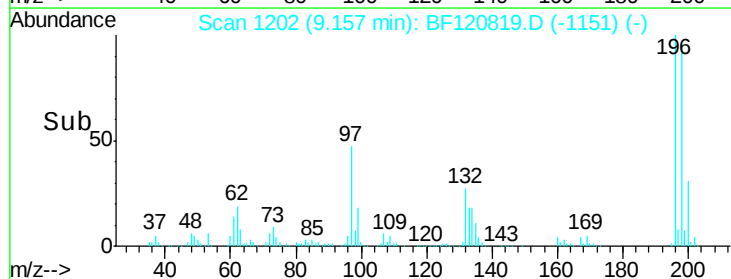
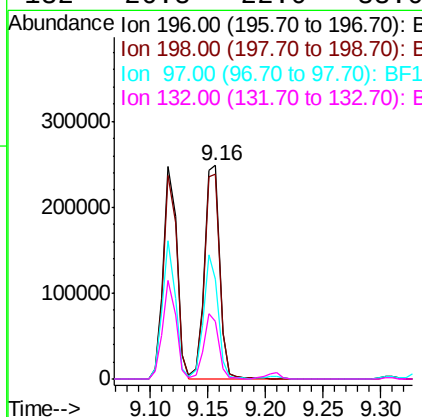
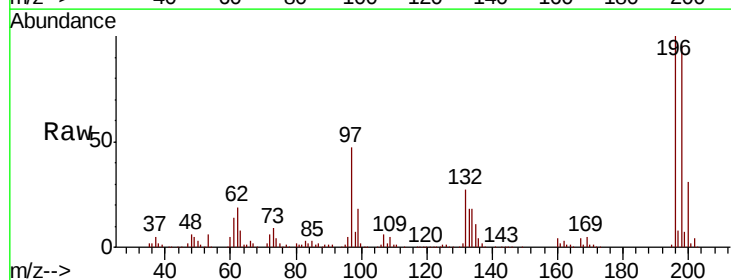
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

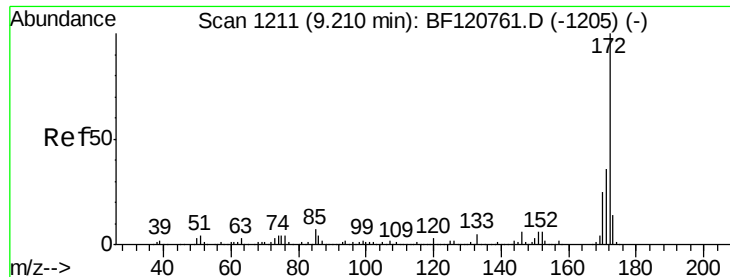
Tot Ion:196	Resp:	202700
Ion Ratio	Lower	Upper
196	100	
198	95.7	75.3 112.9
200	30.5	24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.099 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion:196	Resp:	233294
Ion Ratio	Lower	Upper
196	100	
198	96.2	76.2 114.2
97	46.9	39.6 59.4
132	26.8	22.0 33.0

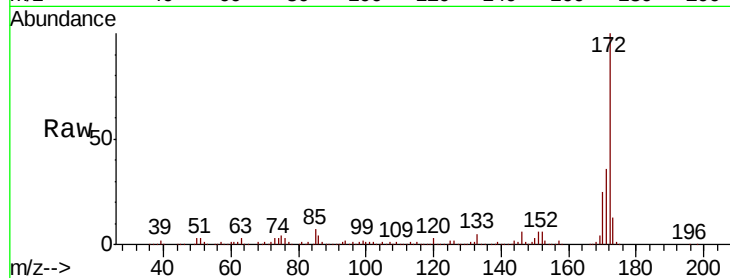




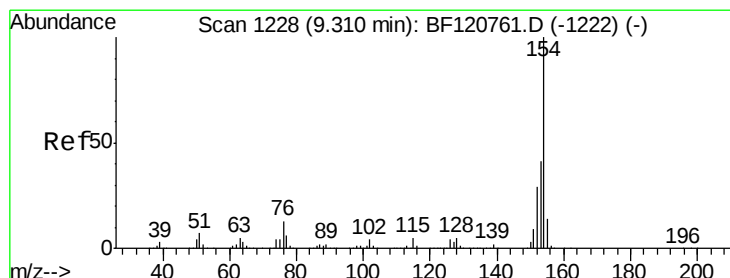
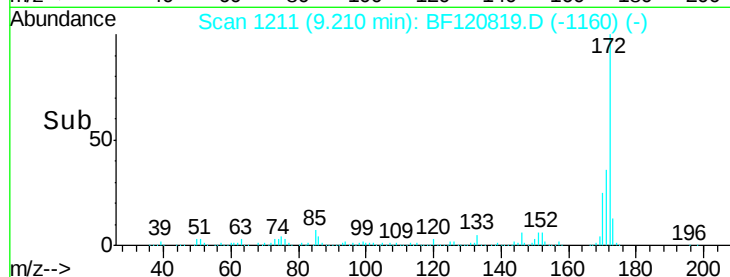
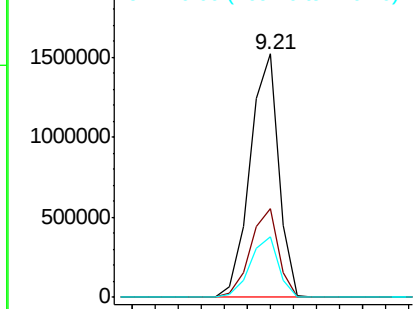
#45
2-Fluorobiphenyl
Concen: 78.576 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1322104
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.9 19.8 29.6

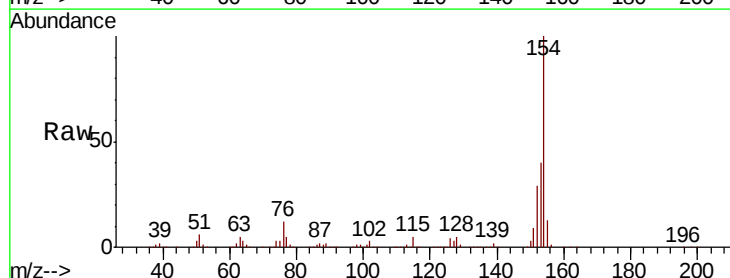


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

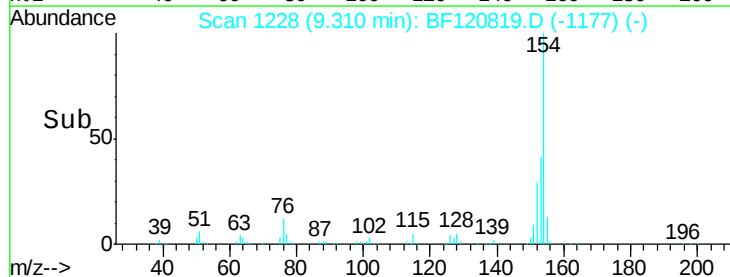
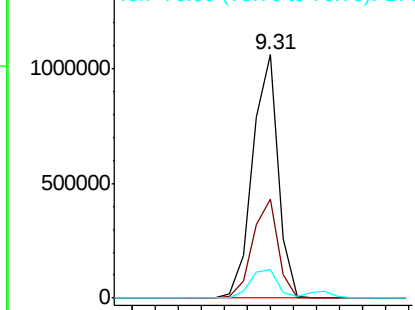


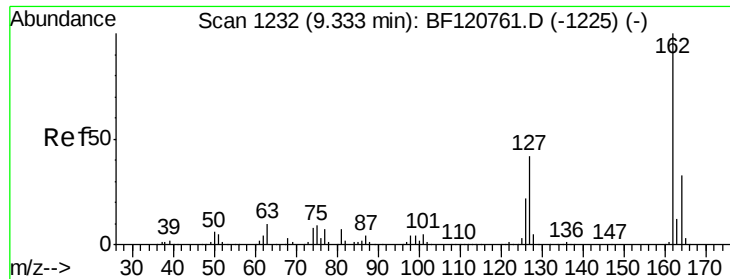
#46
1,1'-Biphenyl
Concen: 39.928 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion:154 Resp: 819871
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 11.7 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

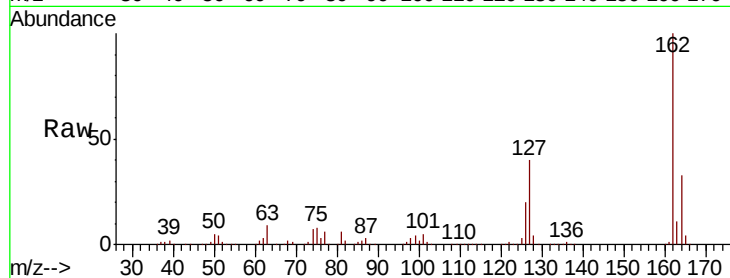




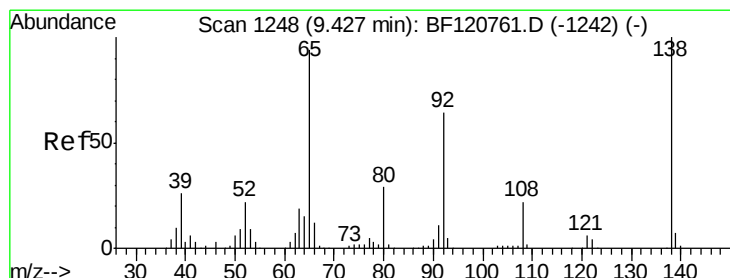
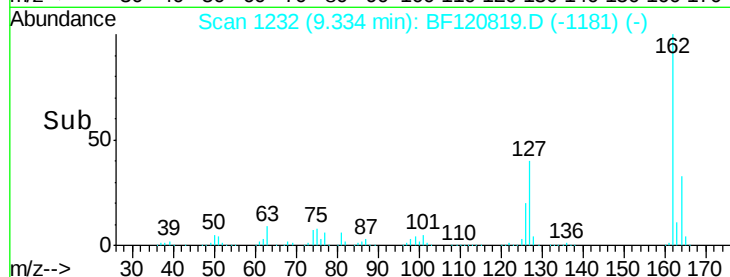
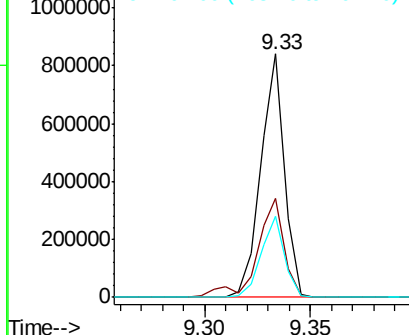
#47
2-Chloronaphthalene
Concen: 39.815 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 654968
Ion Ratio Lower Upper
162 100
127 40.4 33.7 50.5
164 33.1 26.4 39.6

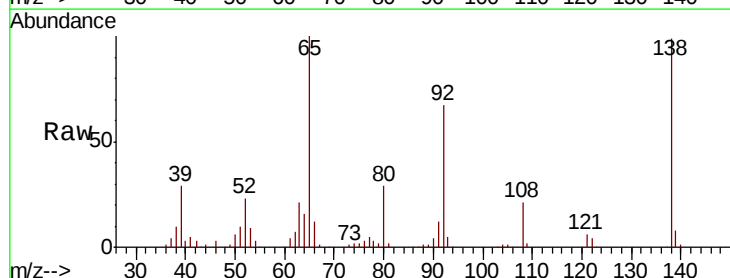


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

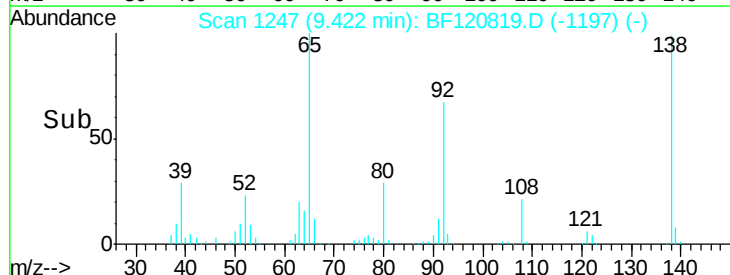
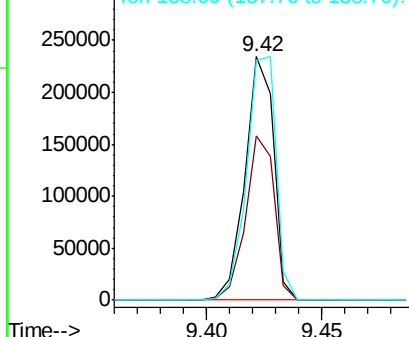


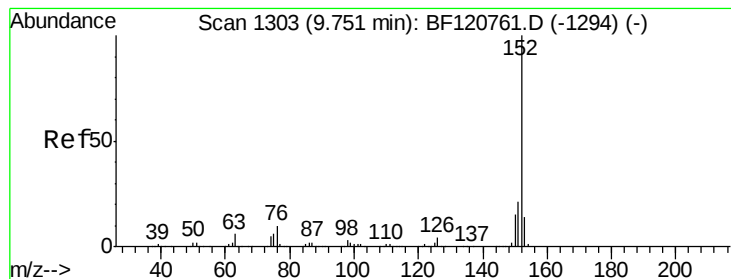
#48
2-Nitroaniline
Concen: 41.874 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion: 65 Resp: 204517
Ion Ratio Lower Upper
65 100
92 67.4 54.4 81.6
138 98.6 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: 38.520 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

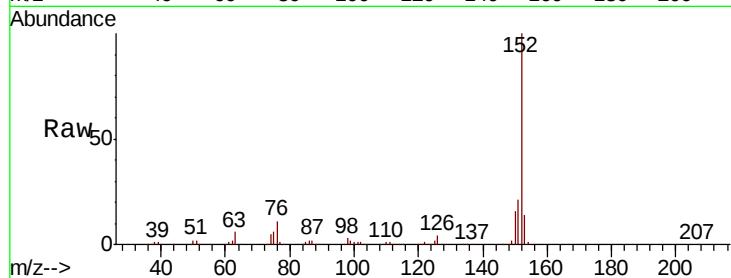
Tot Ion:152 Resp: 993477

Ion Ratio Lower Upper

152 100

151 21.3 16.9 25.3

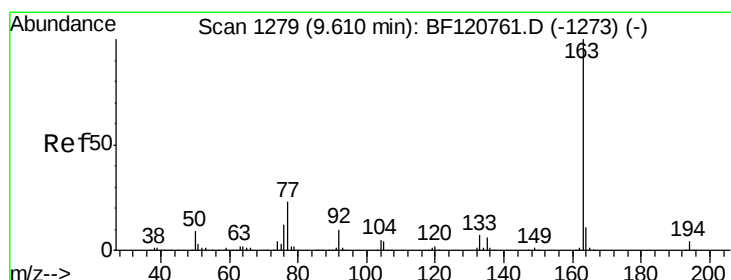
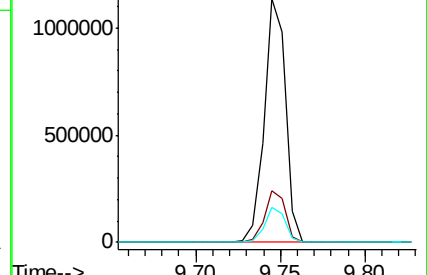
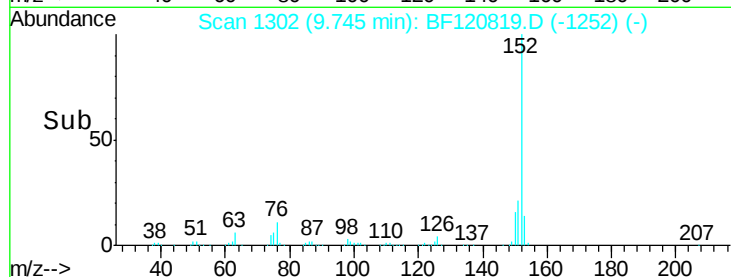
153 14.1 10.8 16.2



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: 38.831 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

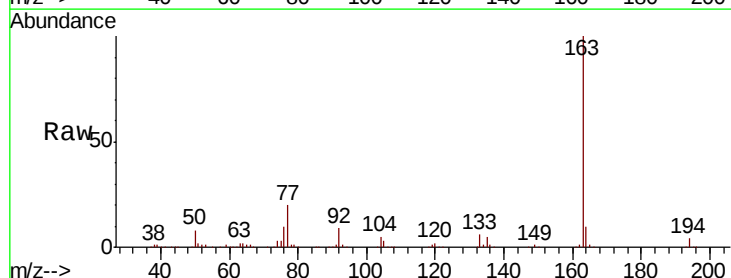
Tgt Ion:163 Resp: 721098

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

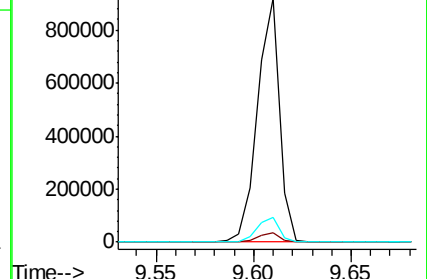
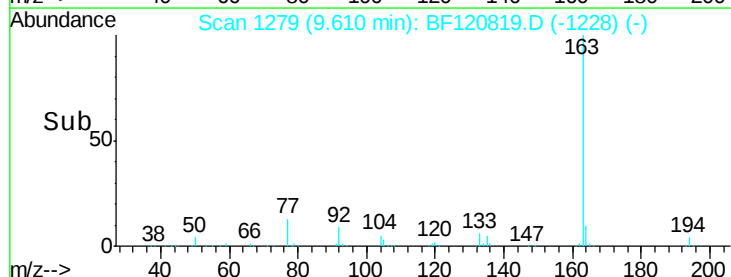
164 10.1 8.5 12.7

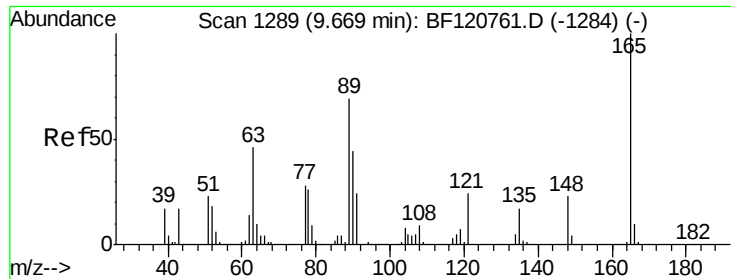


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

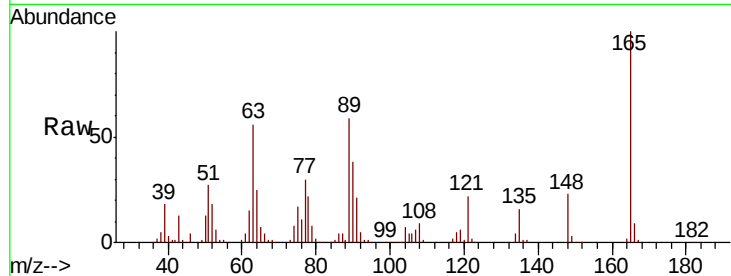




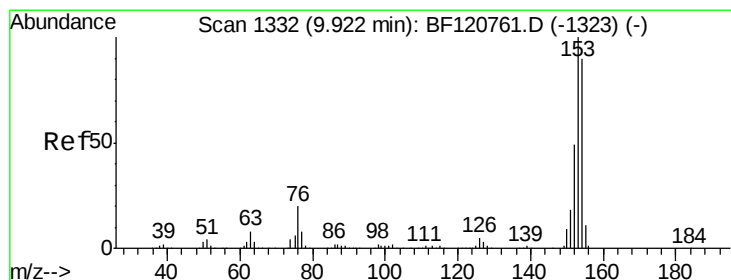
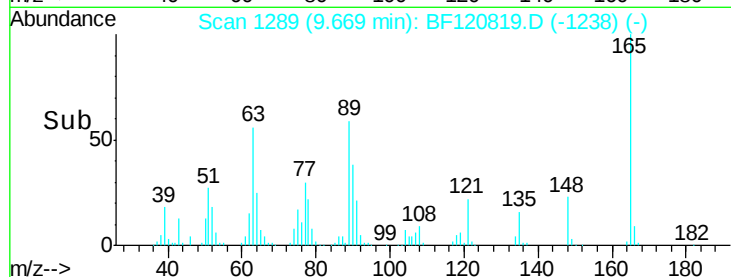
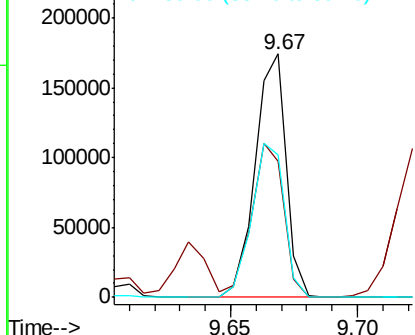
#51
2,6-Dinitrotoluene
Concen: 40.431 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.8	54.0	81.0
89	58.7	55.4	83.2

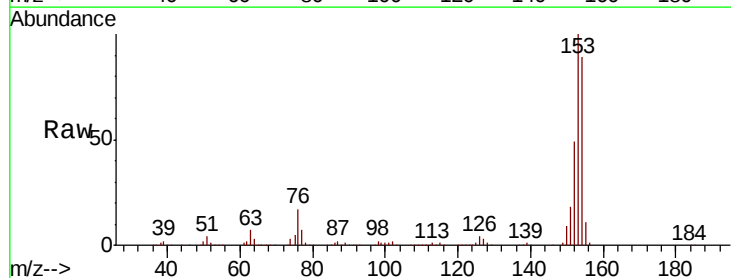


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

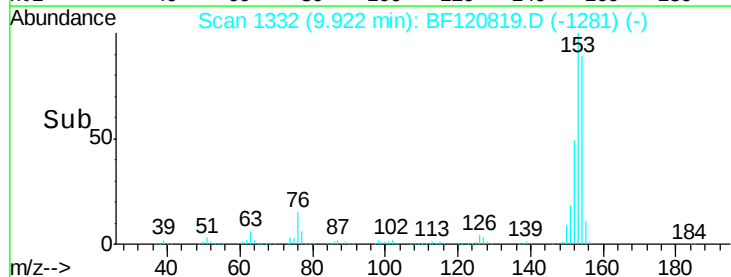
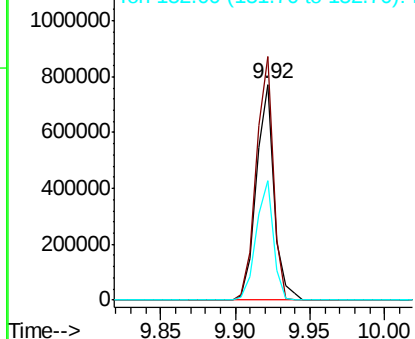


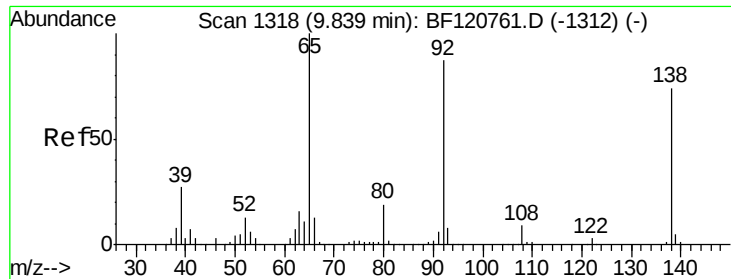
#52
Acenaphthene
Concen: 39.246 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	88.6	132.8
152	55.3	43.6	65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

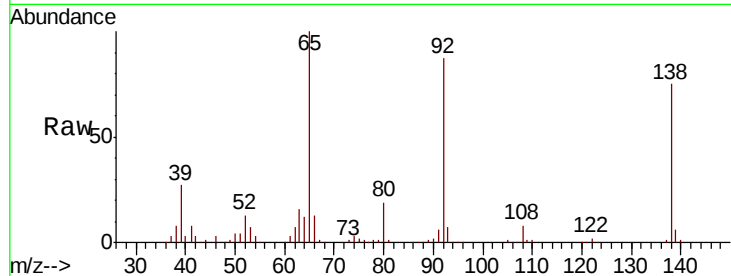




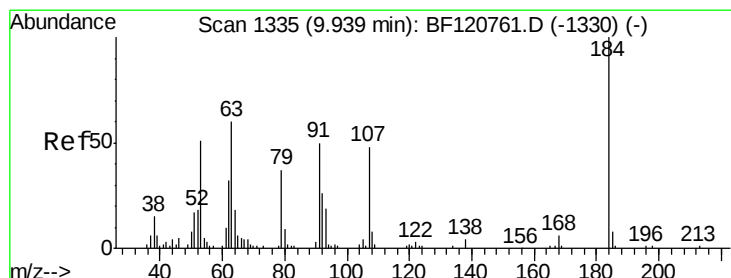
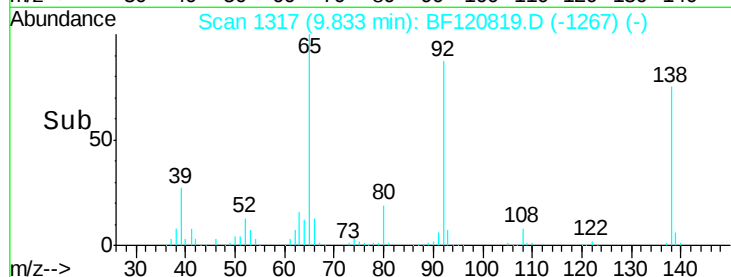
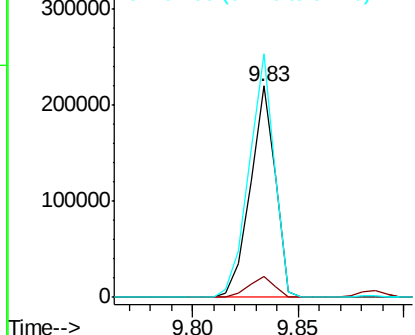
#53
3-Nitroaniline
Concen: 40.424 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 181360
Ion Ratio Lower Upper
138 100
108 10.2 9.8 14.6
92 115.3 93.4 140.2

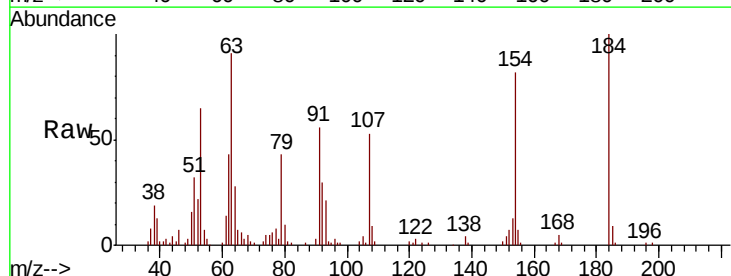


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

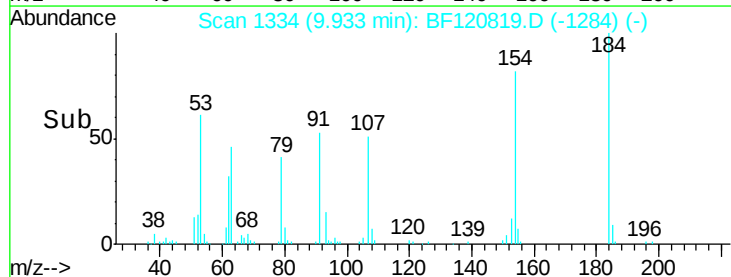
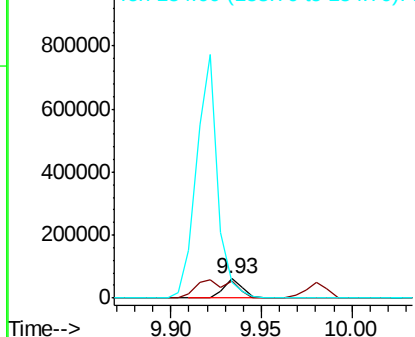


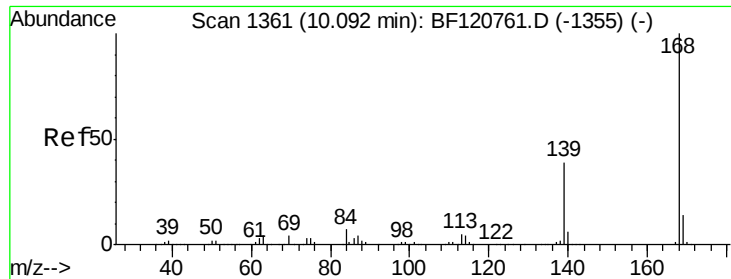
#54
2,4-Dinitrophenol
Concen: 37.501 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion:184 Resp: 46104
Ion Ratio Lower Upper
184 100
63 91.4 57.3 85.9#
154 81.6 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: 39.132 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

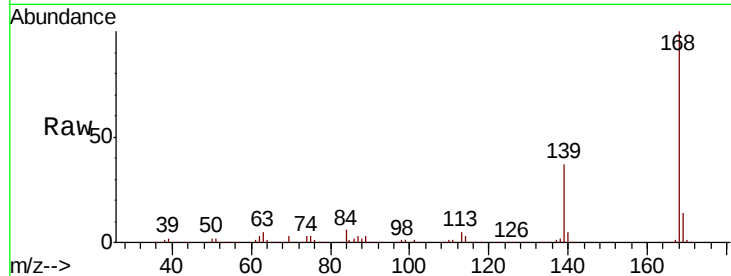
Tot Ion:168 Resp: 902517

Ion Ratio Lower Upper

168 100

139 37.2 31.3 46.9

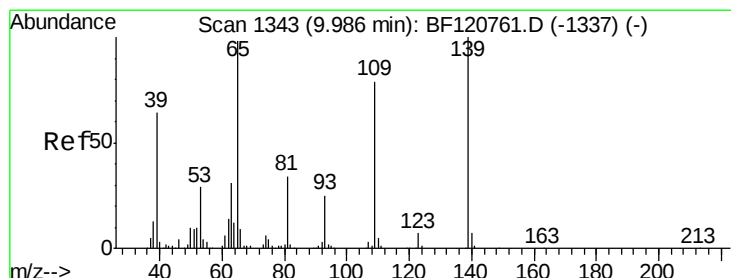
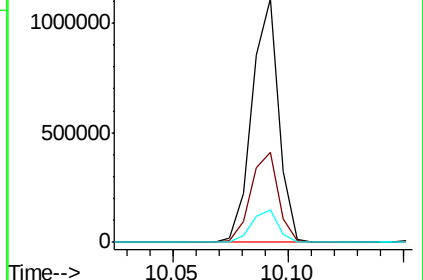
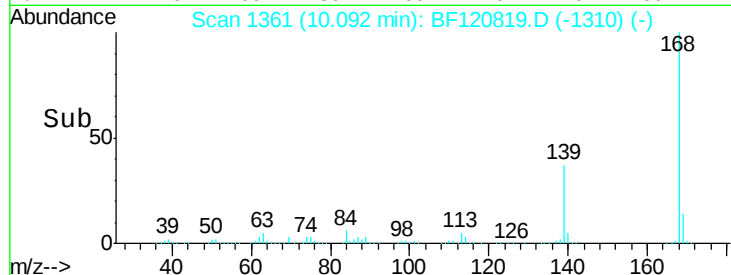
169 13.5 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.810 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

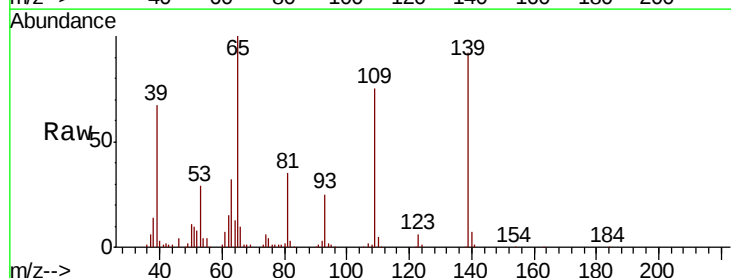
Tgt Ion:139 Resp: 128407

Ion Ratio Lower Upper

139 100

109 81.8 58.6 98.6

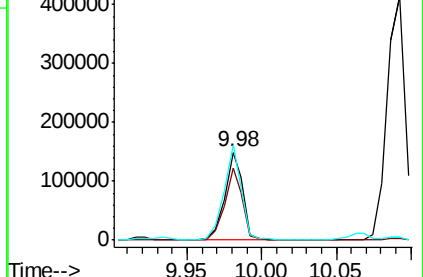
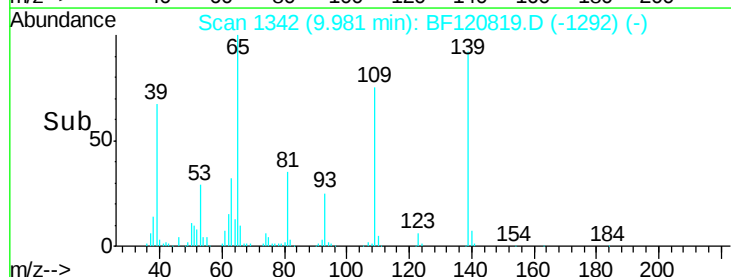
65 108.6 78.7 118.7



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: 42.211 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 192229

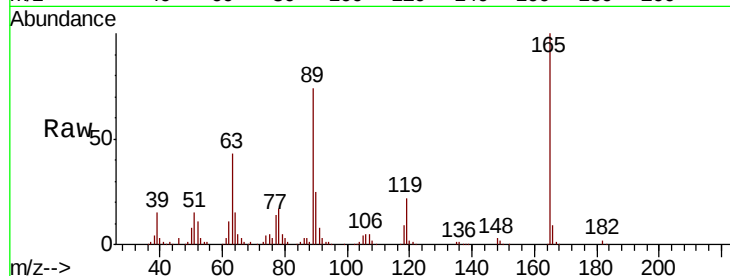
Ion Ratio Lower Upper

165 100

63 42.8 43.8 65.8#

89 73.9 71.4 107.2

182 2.5 1.8 2.6

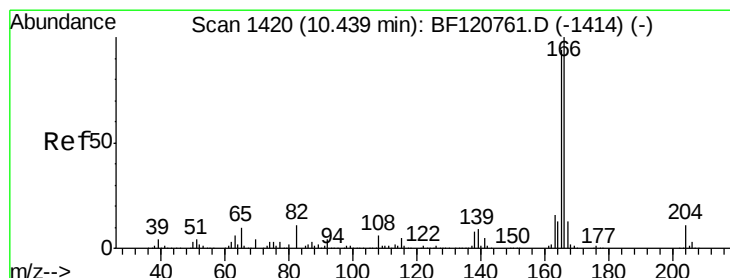
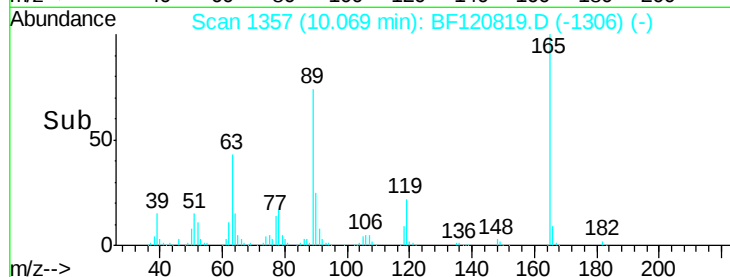
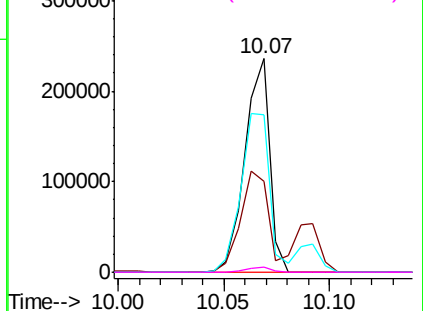


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.221 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

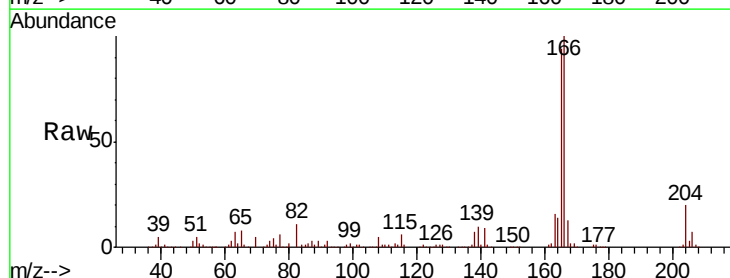
Tgt Ion:166 Resp: 673298

Ion Ratio Lower Upper

166 100

165 94.2 75.5 113.3

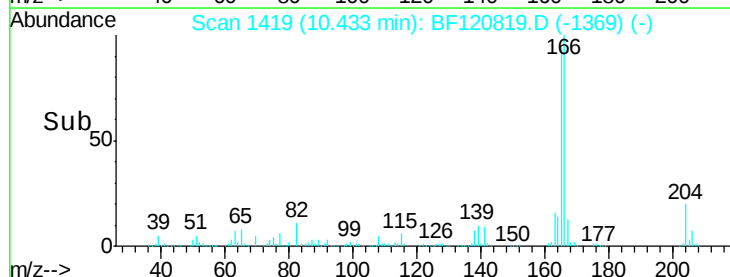
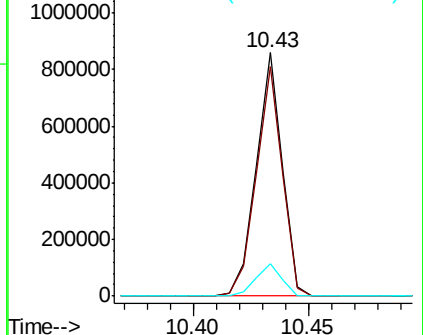
167 13.4 10.6 16.0



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

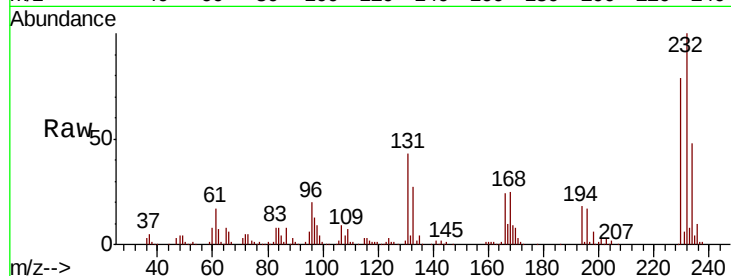




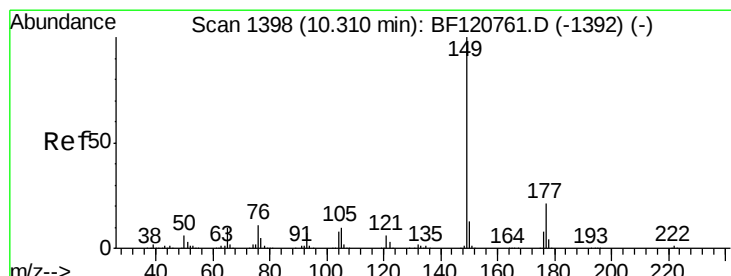
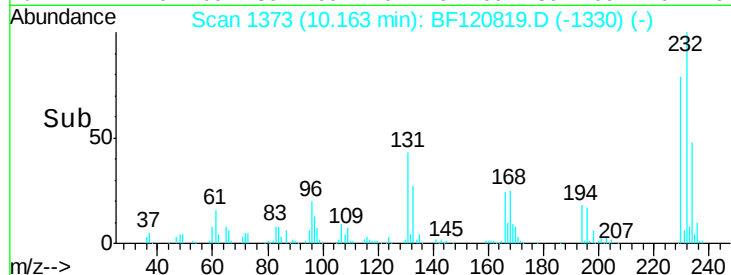
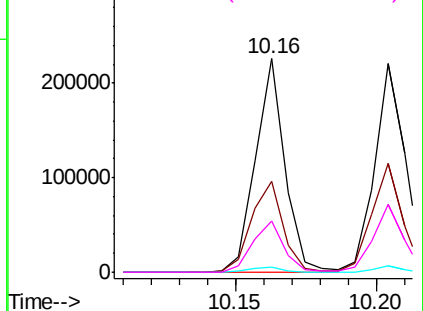
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.834 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.05 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 163800
 Ion Ratio Lower Upper
 232 100
 131 46.4 36.3 54.5
 130 2.5 2.0 3.0
 166 25.9 20.9 31.3

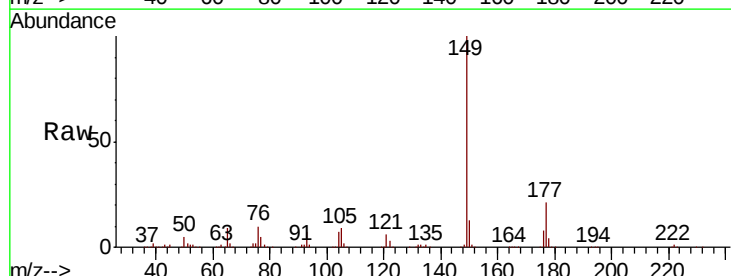


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

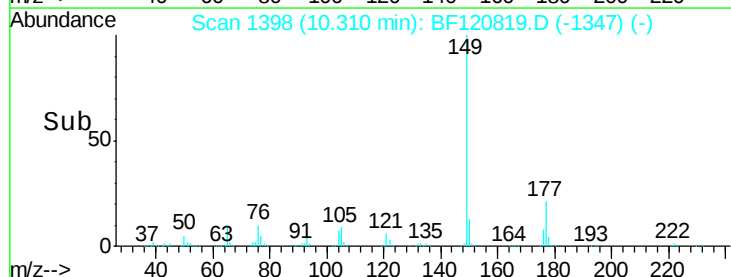
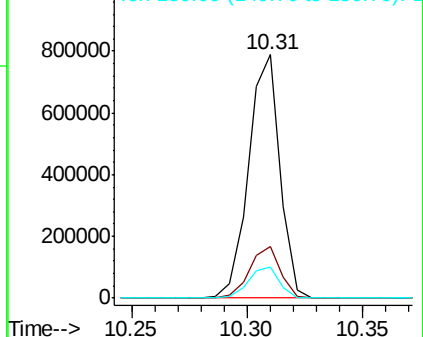


#60
 Diethylphthalate
 Concen: 38.524 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion:149 Resp: 745230
 Ion Ratio Lower Upper
 149 100
 177 21.4 16.4 24.6
 150 12.5 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

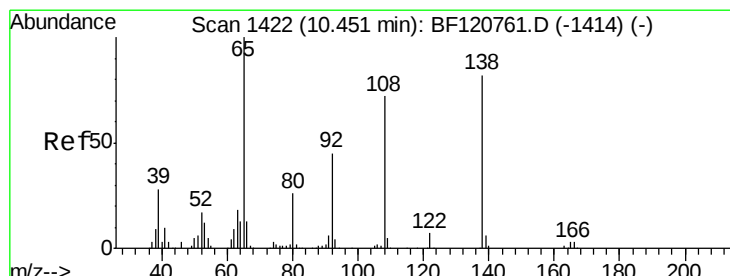
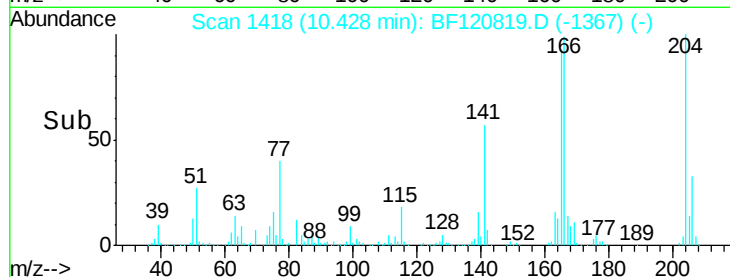
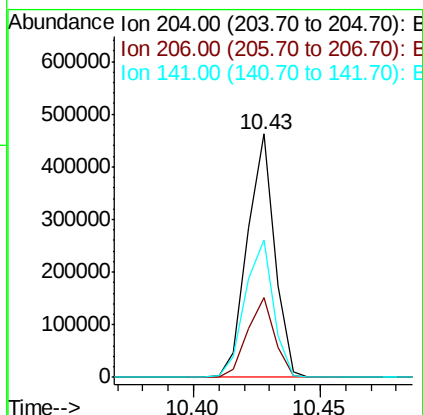
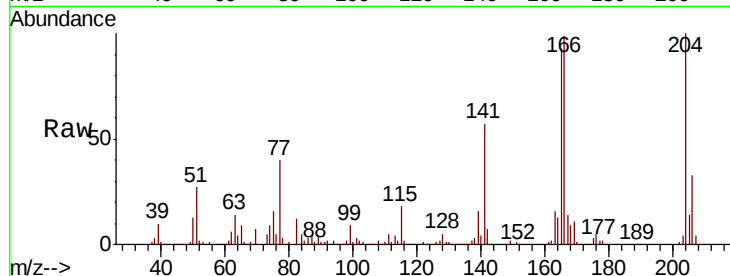




#61
4-Chlorophenyl-phenylether
Concen: 40.172 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

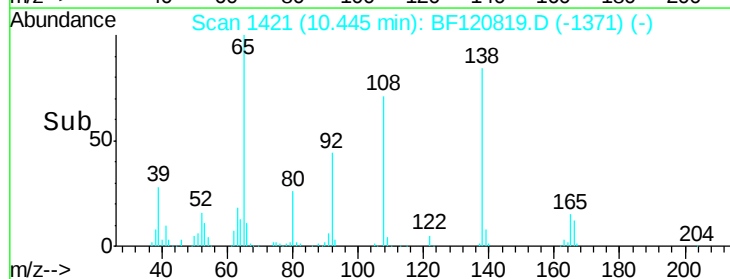
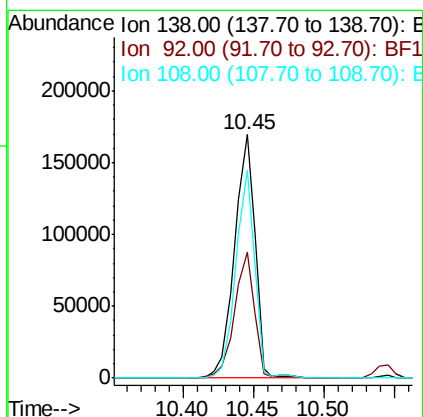
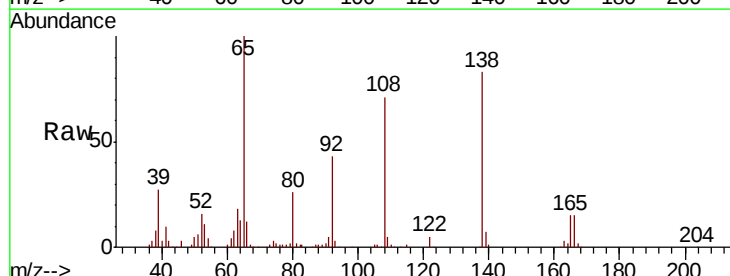
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 346677
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 56.7 48.5 72.7



#62
4-Nitroaniline
Concen: 43.429 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion:138 Resp: 171350
Ion Ratio Lower Upper
138 100
92 51.8 34.3 74.3
108 85.3 68.3 108.3

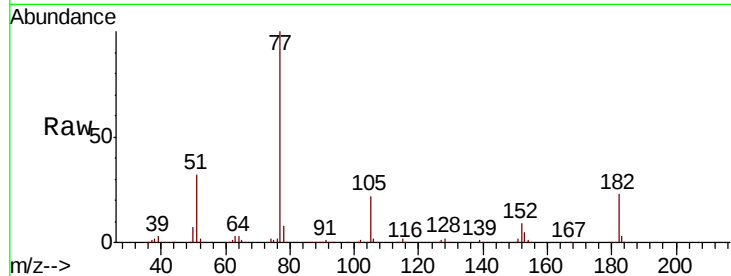




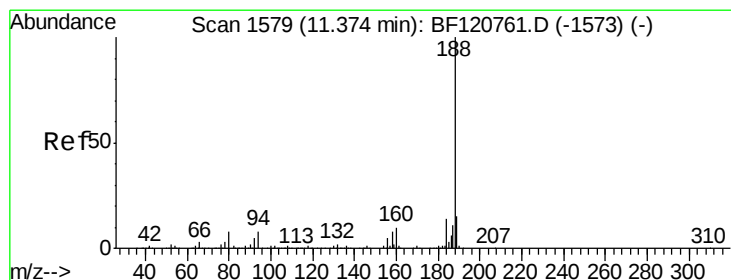
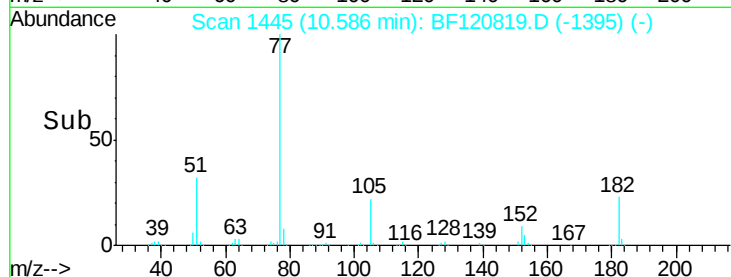
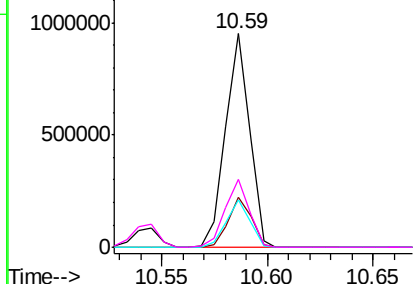
#63
Azobenzene
Concen: 37.807 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	748137
Ion	Ratio	Lower	Upper
77	100		
182	23.3	4.0	44.0
105	22.1	2.6	42.6
51	31.7	11.5	51.5

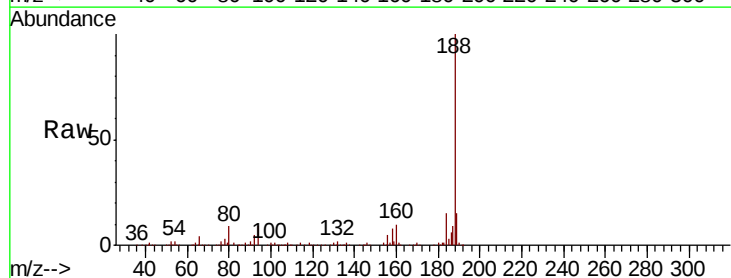


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

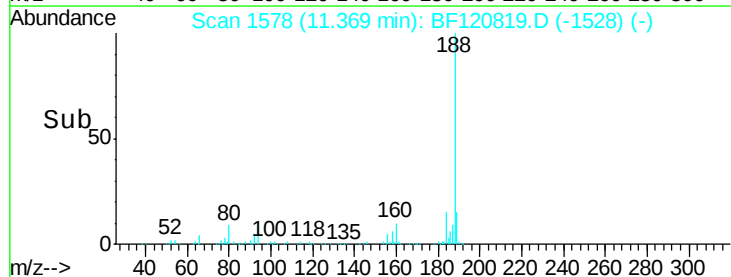
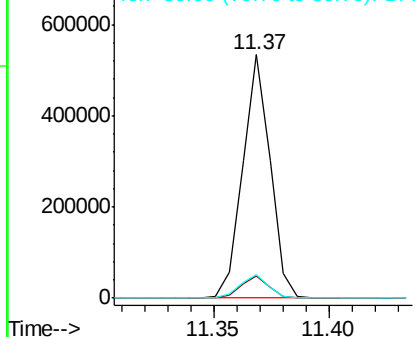


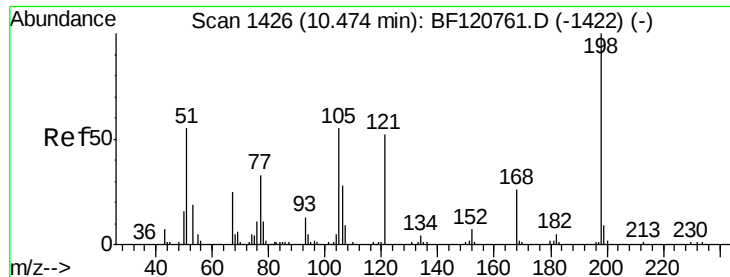
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion:	188	Resp:	443246
Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	9.8
80	9.4	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

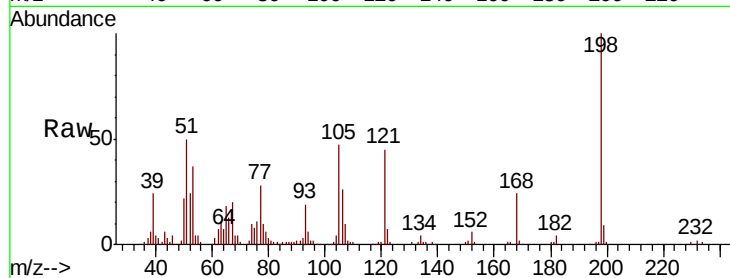




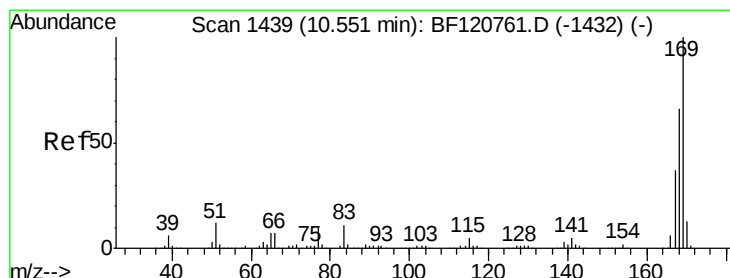
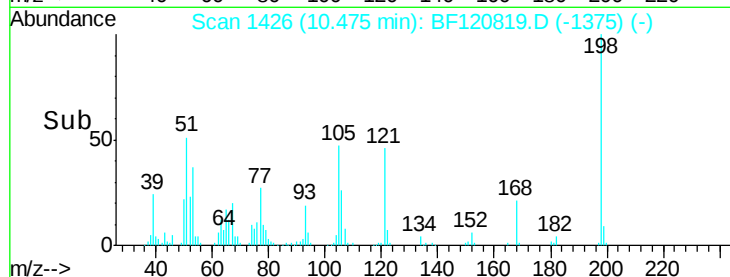
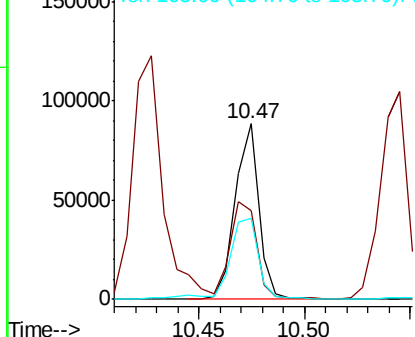
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.288 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 68272
 Ion Ratio Lower Upper
 198 100
 51 50.3 50.0 90.0
 105 46.6 38.3 78.3

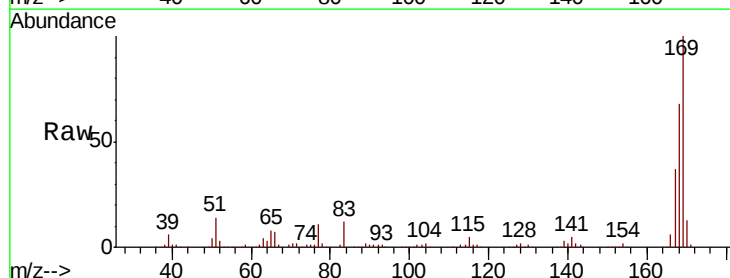


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

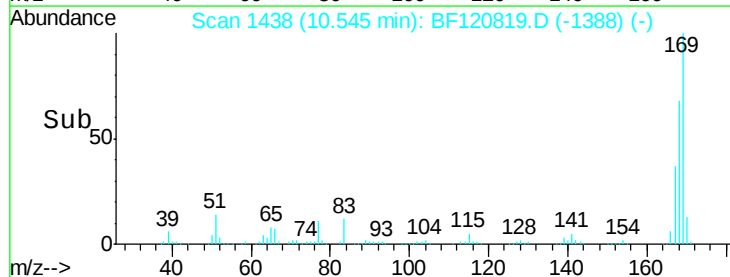
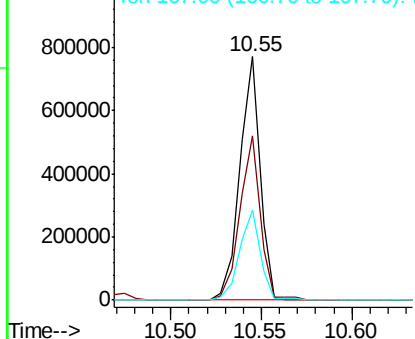


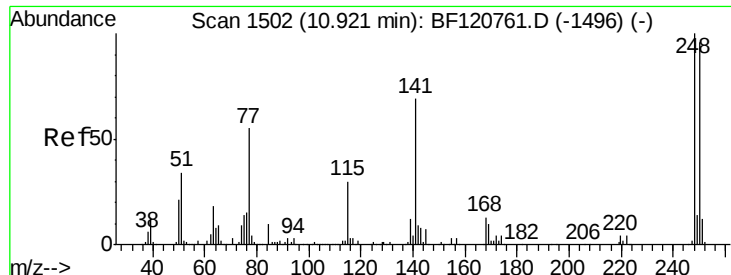
#66
 n-Nitrosodiphenylamine
 Concen: 40.243 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion:169 Resp: 597868
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.1 79.7
 167 37.0 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

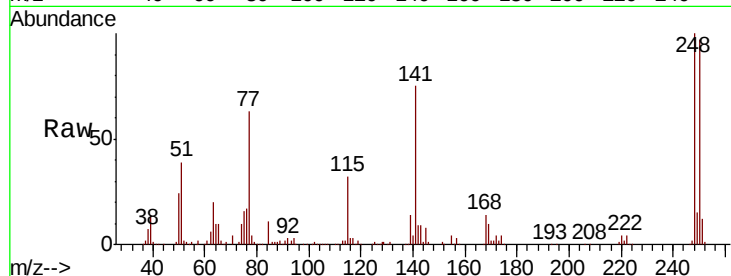




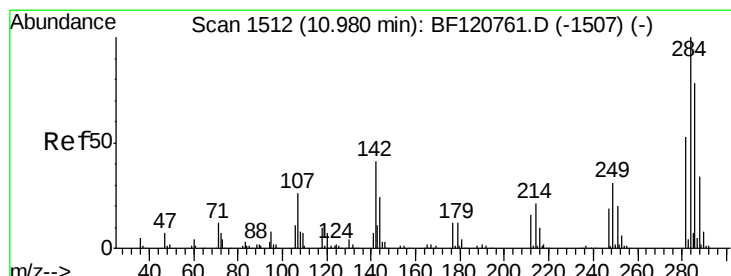
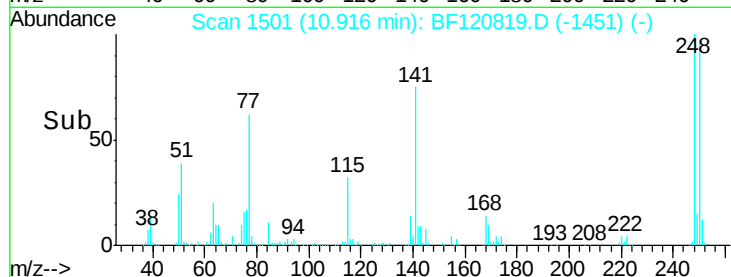
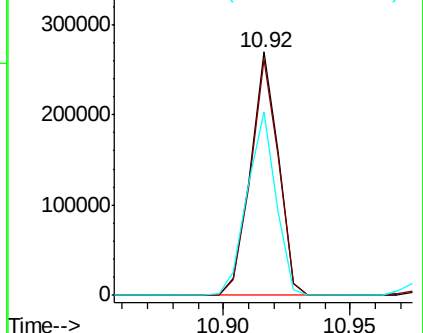
#67
4-Bromophenyl-phenylether
Concen: 40.278 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 207098
Ion Ratio Lower Upper
248 100
250 96.7 76.5 114.7
141 75.4 54.9 82.3

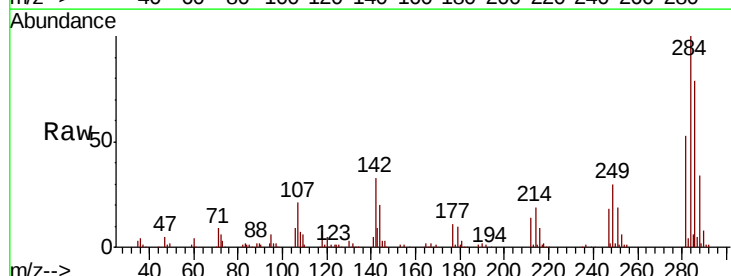


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

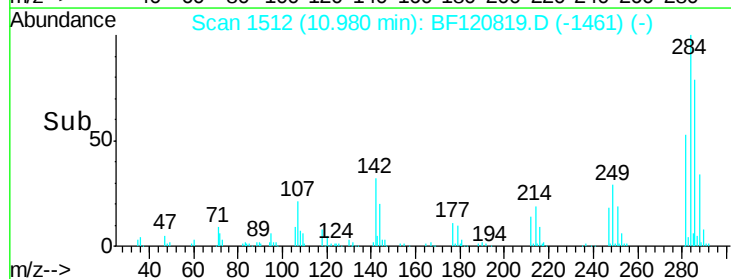
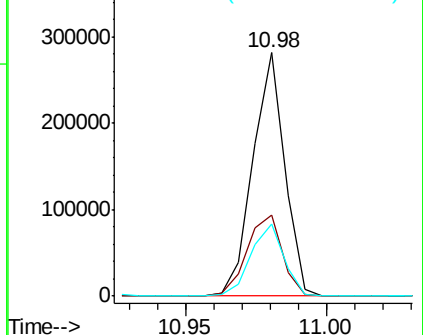


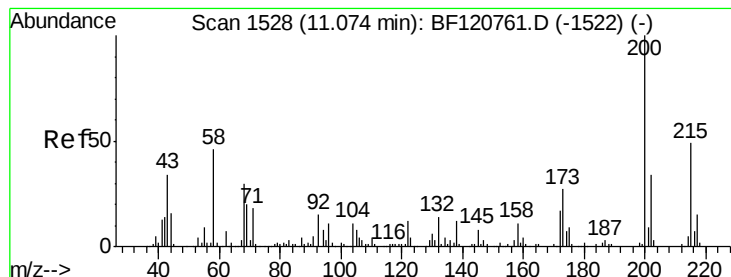
#68
Hexachlorobenzene
Concen: 40.841 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion:284 Resp: 220352
Ion Ratio Lower Upper
284 100
142 33.1 32.5 48.7
249 29.6 24.8 37.2



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





#69

Atrazine

Concen: 36.831 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

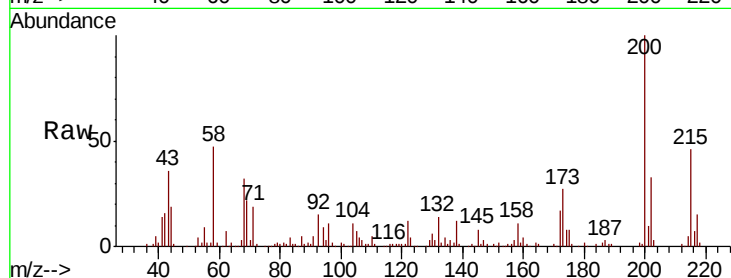
Tot Ion:200 Resp: 140967

Ion Ratio Lower Upper

200 100

173 27.0 7.4 47.4

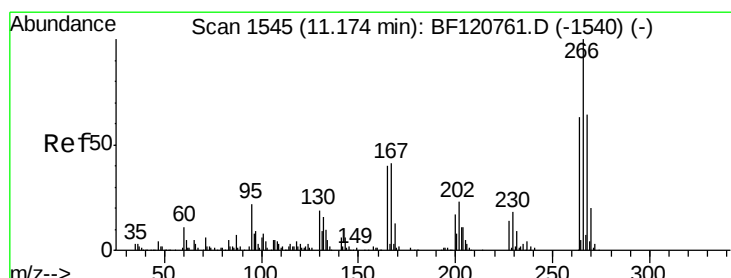
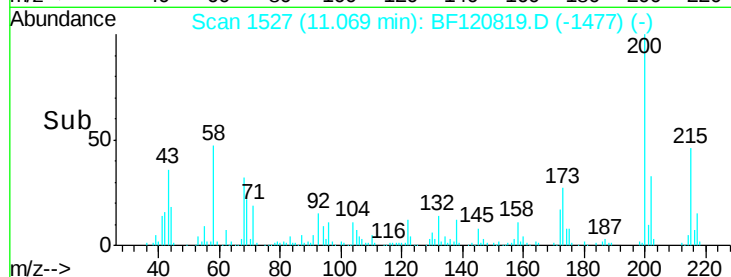
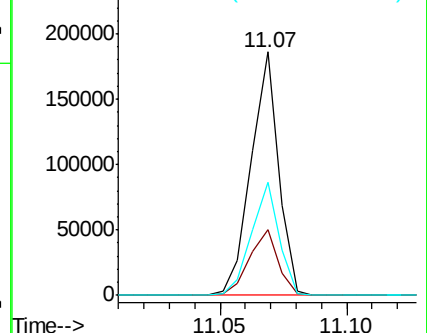
215 46.4 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 38.792 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

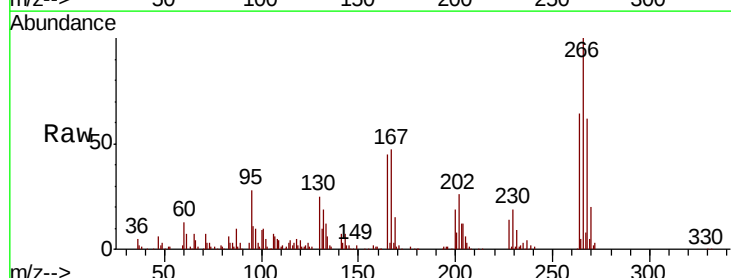
Tgt Ion:266 Resp: 118415

Ion Ratio Lower Upper

266 100

268 61.6 51.4 77.2

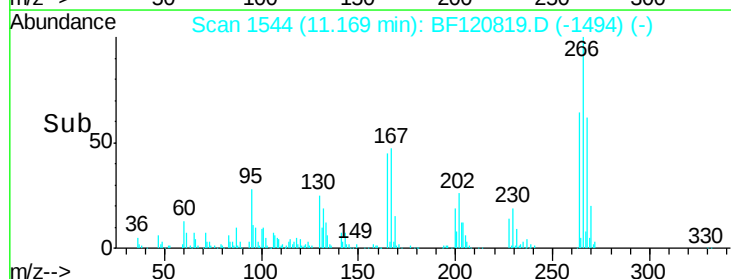
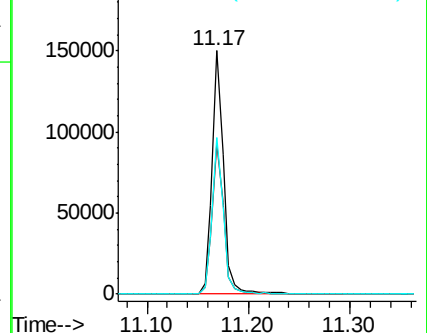
264 64.3 50.6 75.8

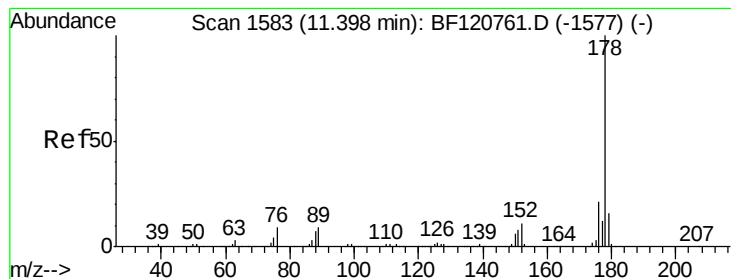


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.017 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

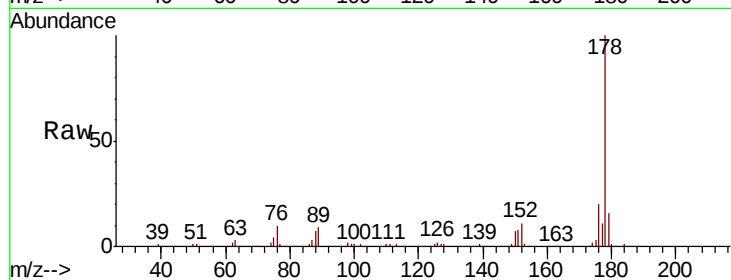
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 962405

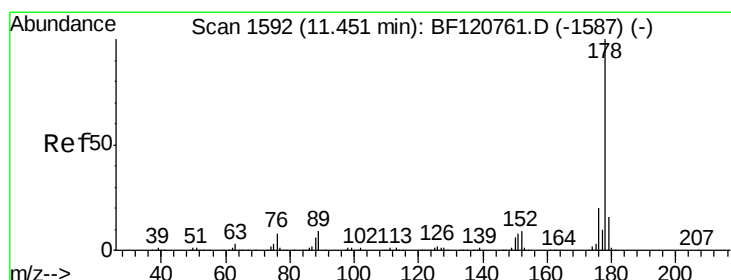
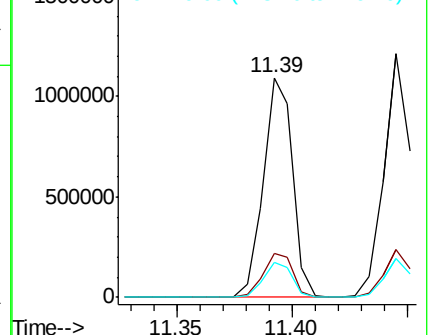
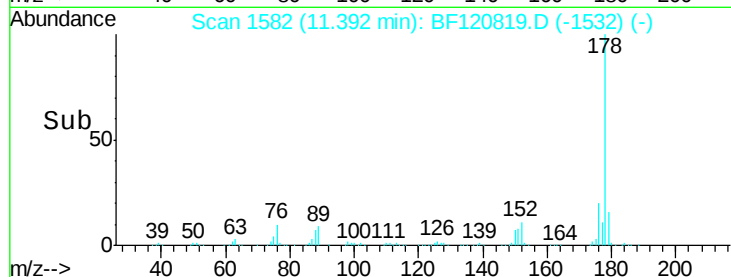
Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.4	24.6
179	16.0	12.9	19.3



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: 39.399 ng

RT: 11.45 min Scan# 1591

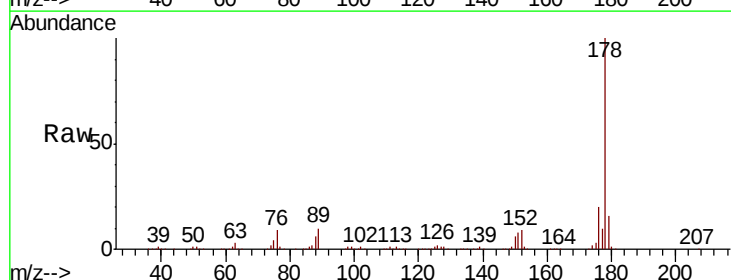
Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:178 Resp: 957497

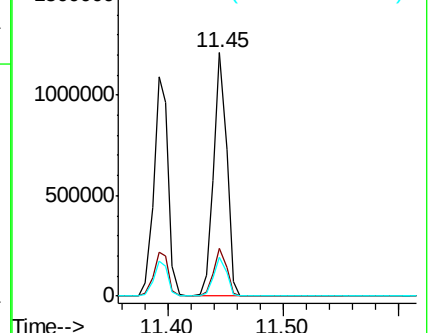
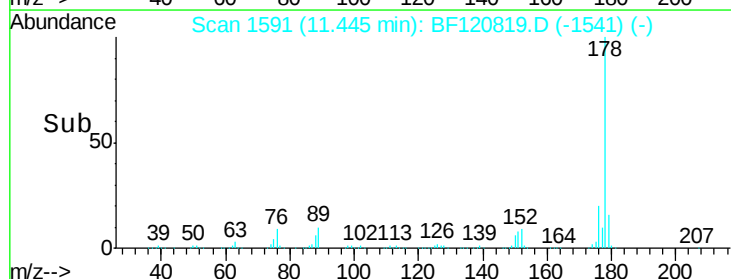
Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.2
179	15.8	12.7	19.1



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

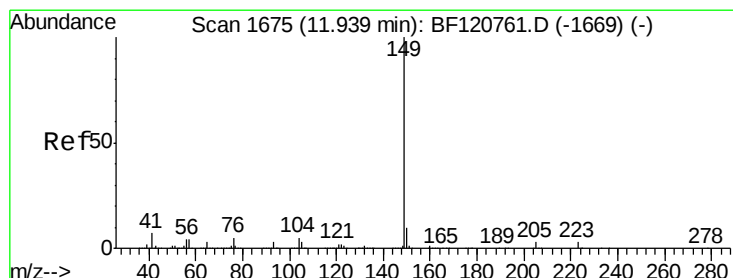
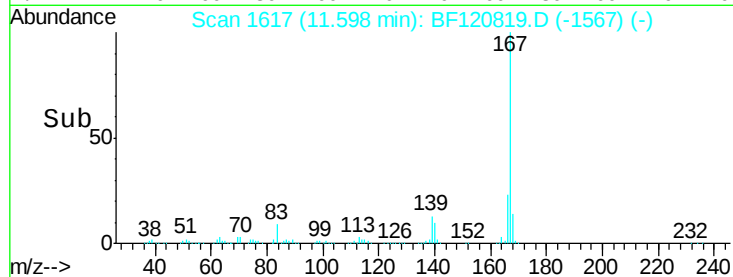
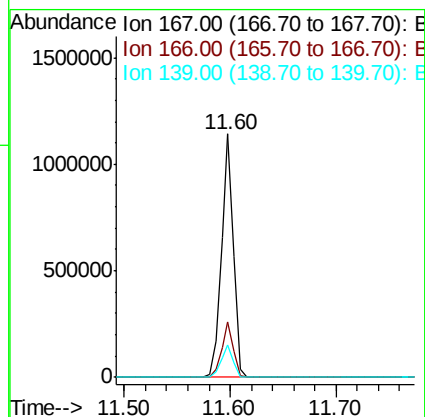
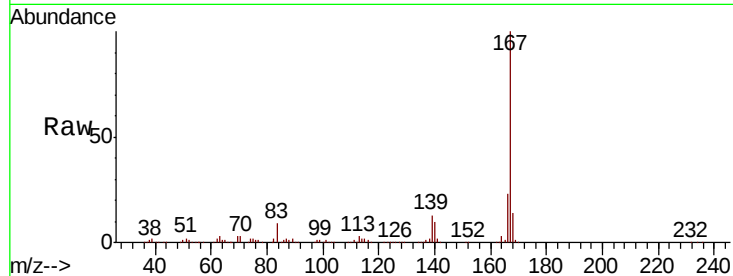




#73
 Carbazole
 Concen: 39.366 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

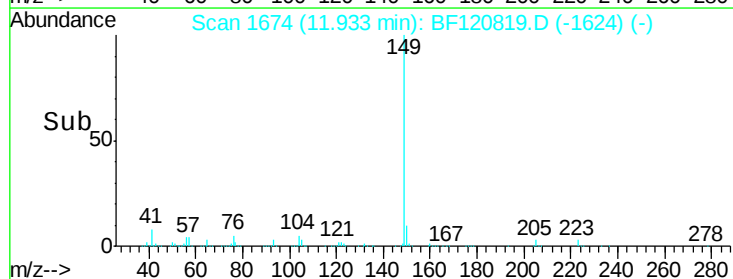
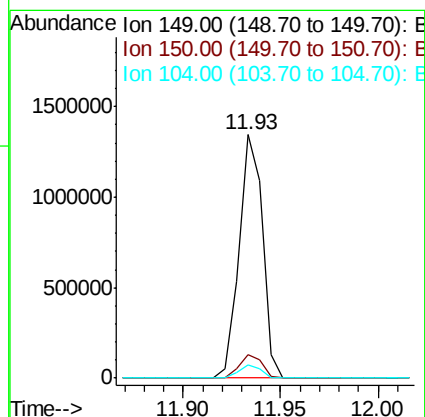
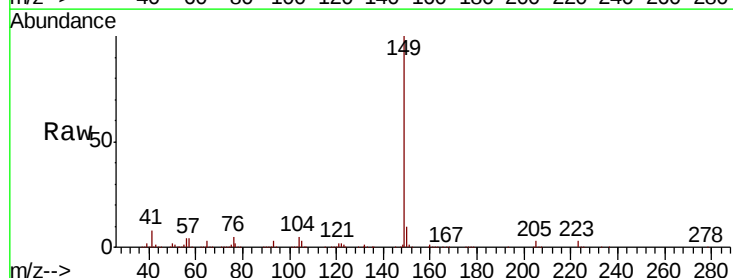
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 919357
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.8
 139 13.3 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 38.549 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion:149 Resp: 1114609
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.2 4.0 6.0

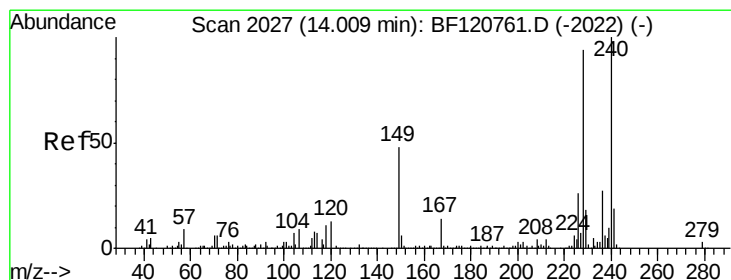
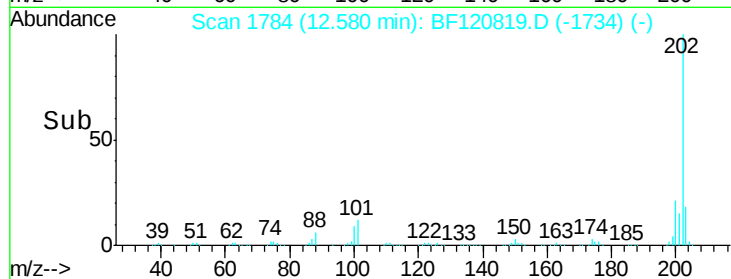
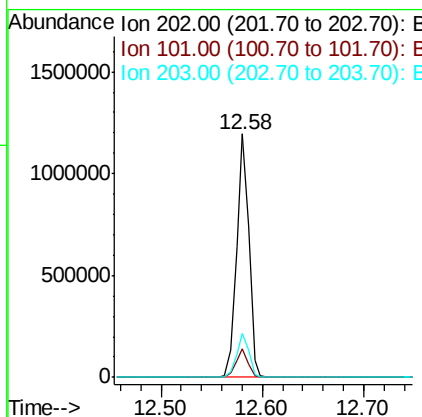
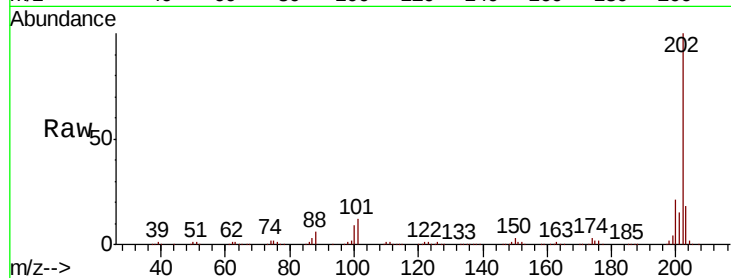




#75
 Fluoranthene
 Concen: 38.942 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

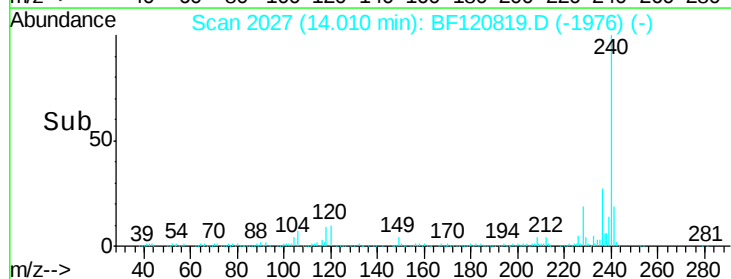
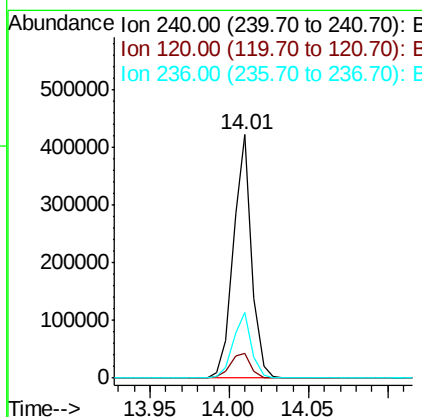
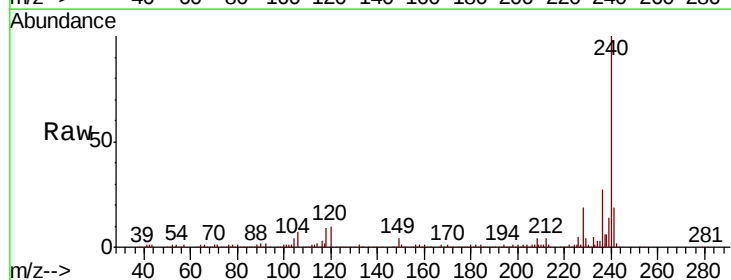
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

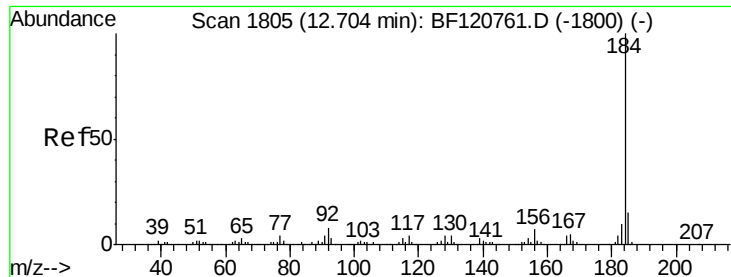
Tot Ion:	202	Resp:	997685
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.6
203	18.2	0.0	38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion:	240	Resp:	334978
Ion Ratio	Lower	Upper	
240	100		
120	10.2	10.3	15.5#
236	26.8	21.4	32.2





#77

Benzidine

Concen: 35.048 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

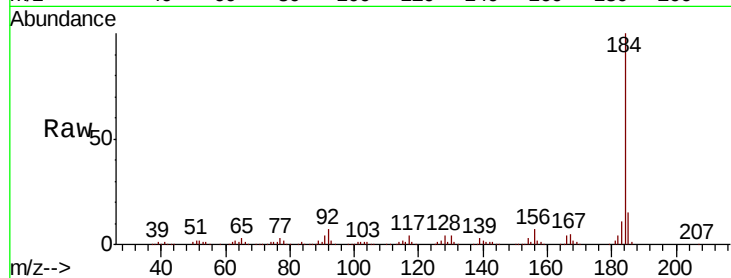
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 331376

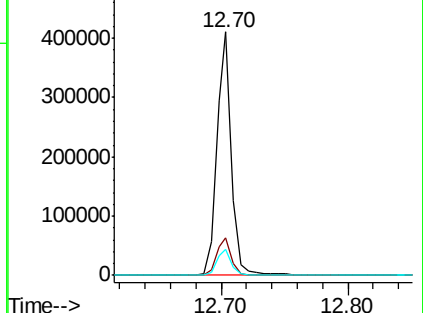
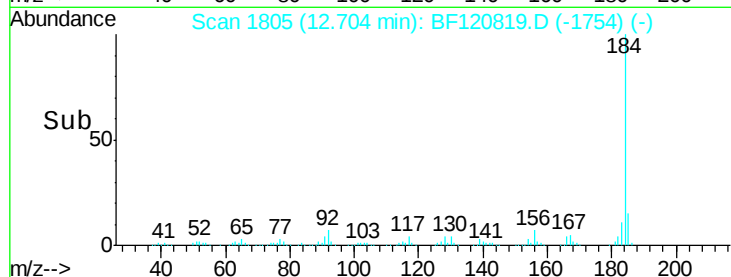
Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.8	17.8
183	10.8	8.3	12.5



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: 38.531 ng

RT: 12.81 min Scan# 1823

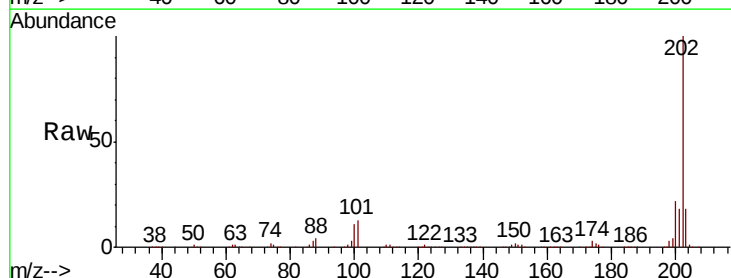
Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:202 Resp: 1030842

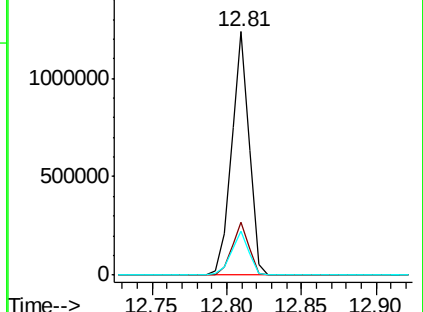
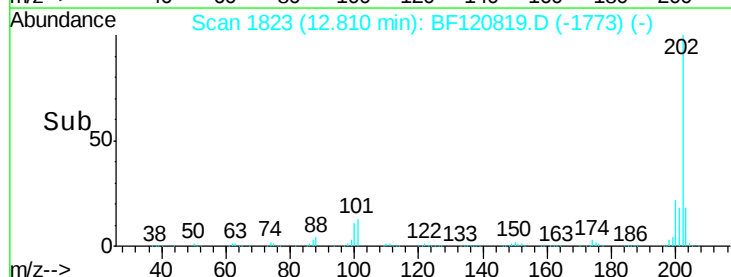
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.3	25.9
203	18.0	14.6	22.0



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: 78.923 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

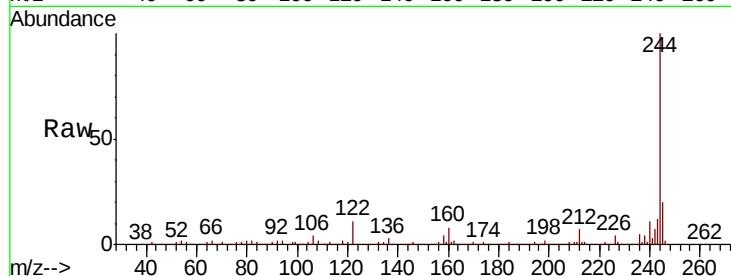
Tot Ion:244 Resp: 1350312

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

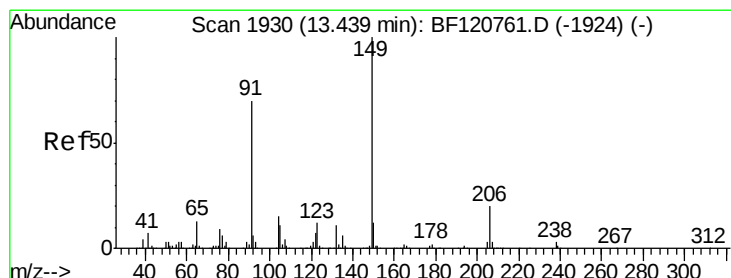
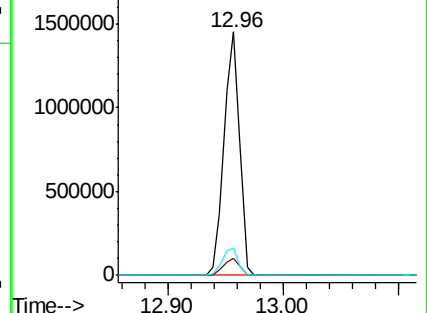
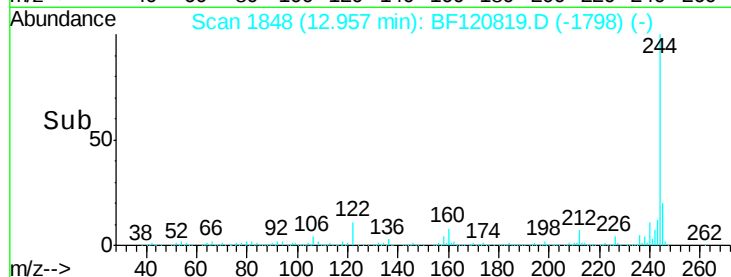
122 11.5 9.0 13.4



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: 36.400 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

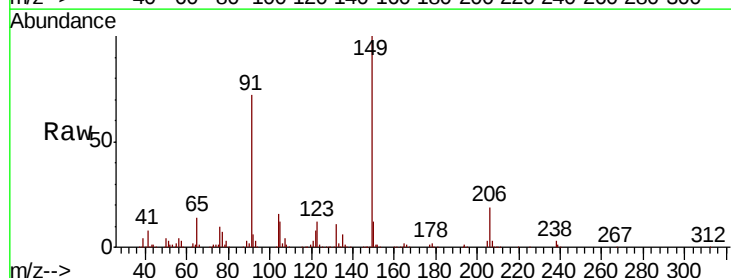
Tgt Ion:149 Resp: 420426

Ion Ratio Lower Upper

149 100

91 72.1 55.8 83.8

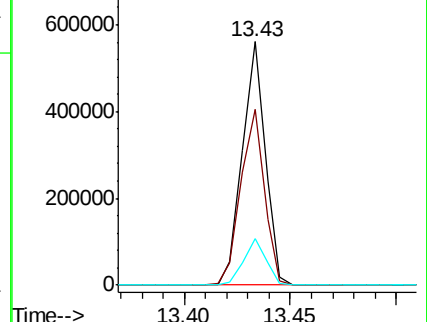
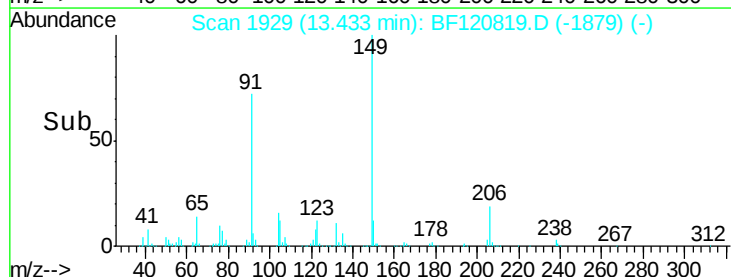
206 18.9 15.7 23.5

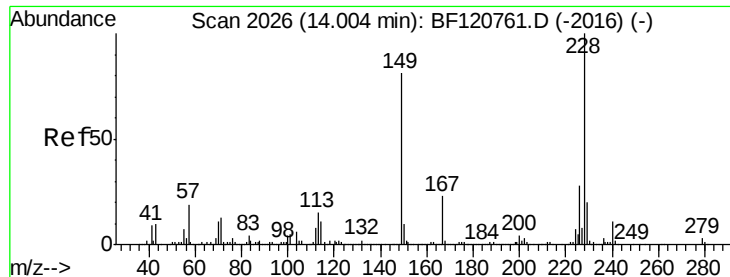


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.016 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

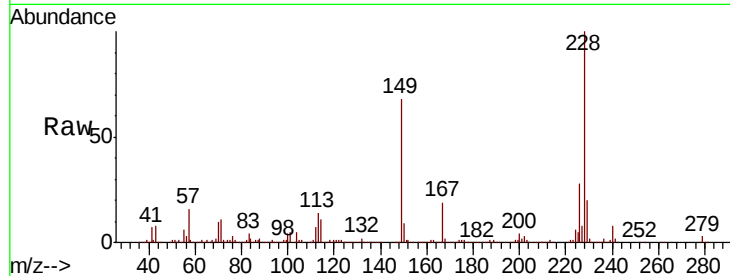
Tot Ion:228 Resp: 859246

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

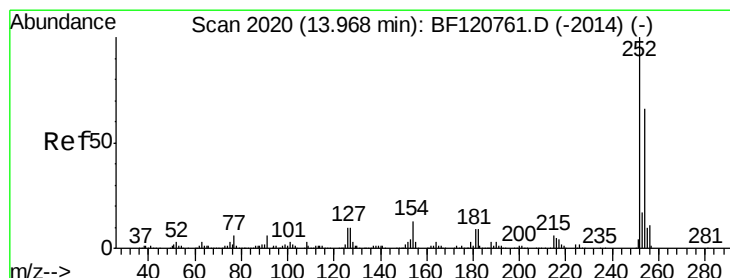
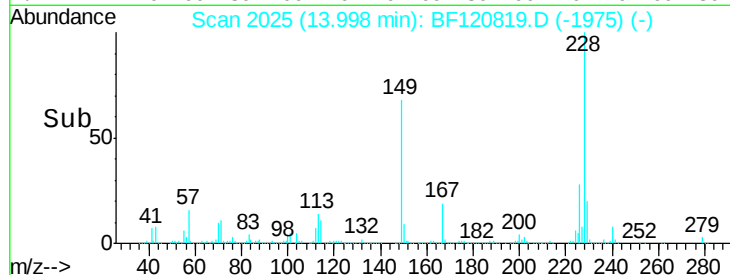
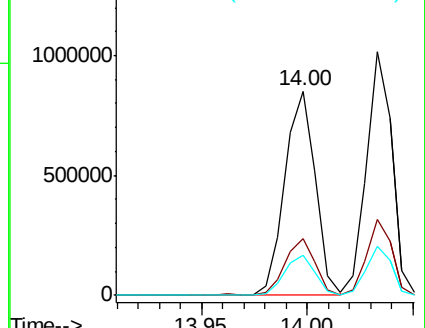
229 19.8 15.8 23.6



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: 37.502 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

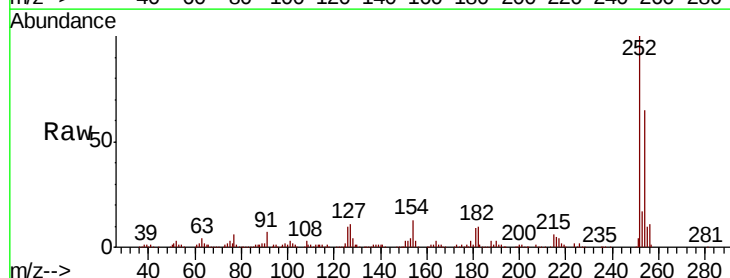
Tgt Ion:252 Resp: 271752

Ion Ratio Lower Upper

252 100

254 64.6 52.6 78.8

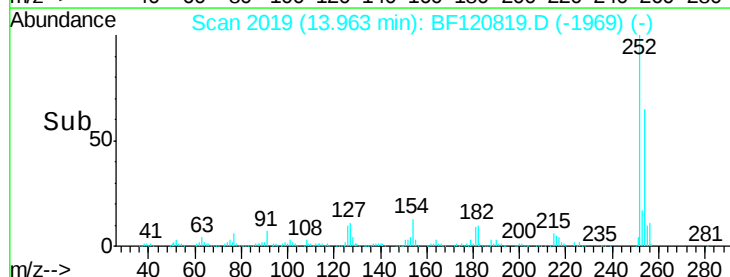
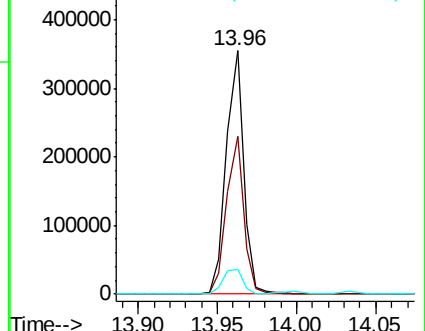
126 10.3 7.8 11.8



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: 39.008 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

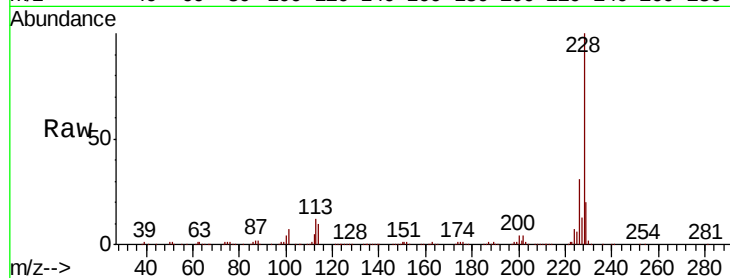
Tot Ion:228 Resp: 854378

Ion Ratio Lower Upper

228 100

226 31.3 25.7 38.5

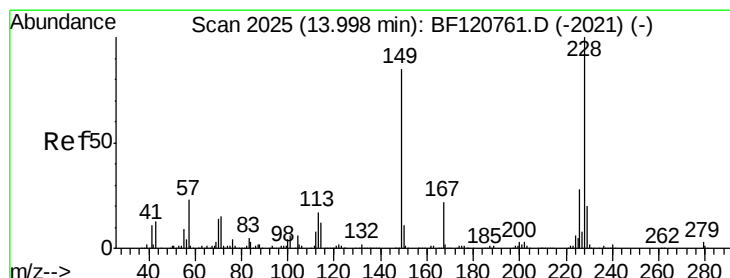
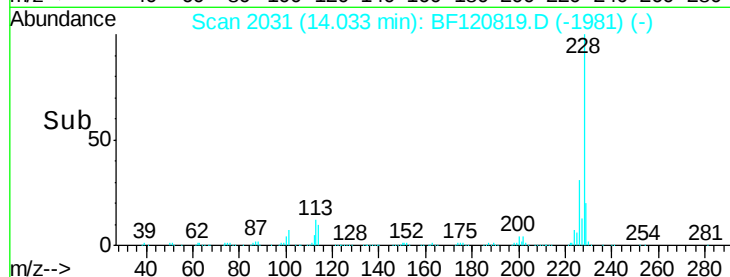
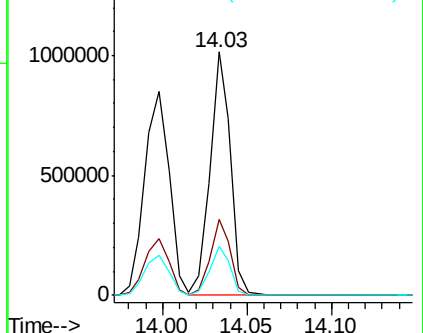
229 19.9 16.3 24.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.212 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

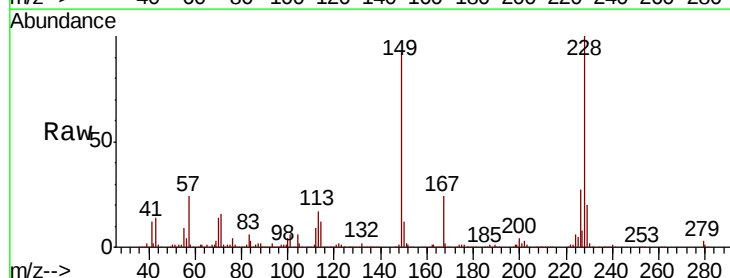
Tgt Ion:149 Resp: 578769

Ion Ratio Lower Upper

149 100

167 26.3 20.9 31.3

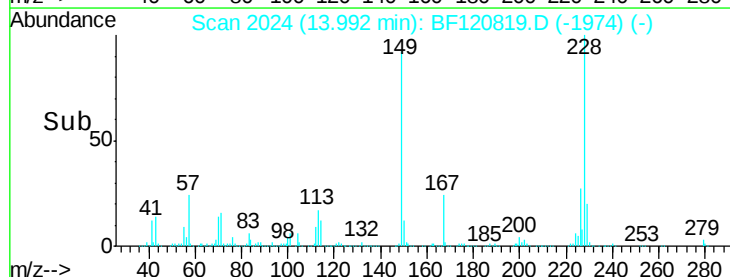
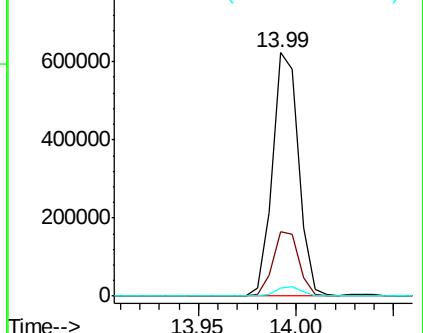
279 3.1 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

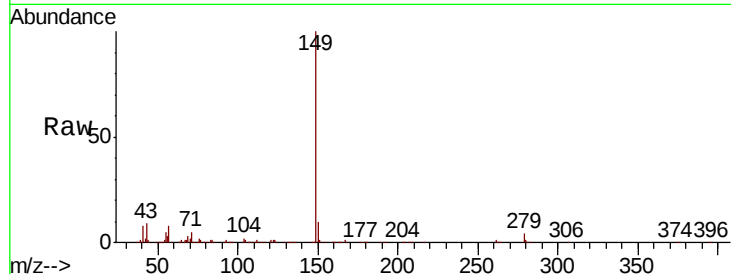




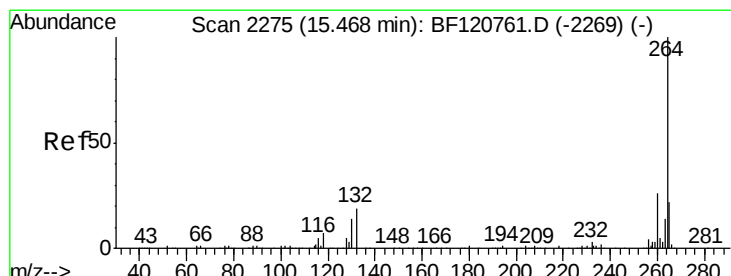
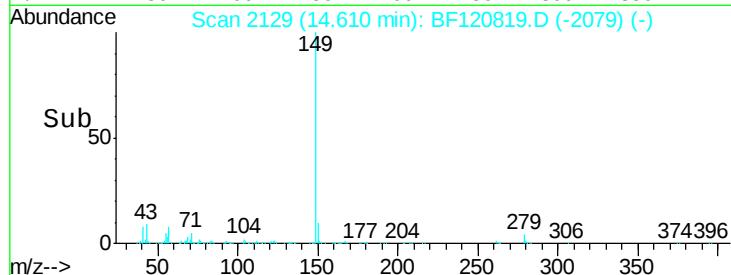
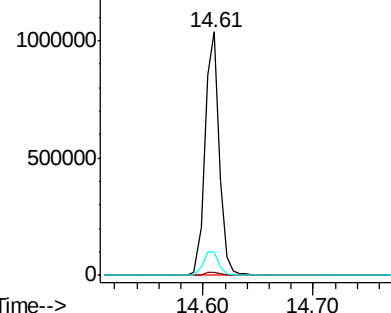
#85
Di-n-octyl phthalate
Concen: 34.794 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	11.0	8.7	13.1

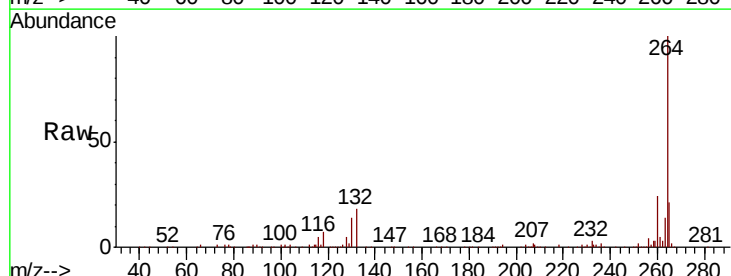


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

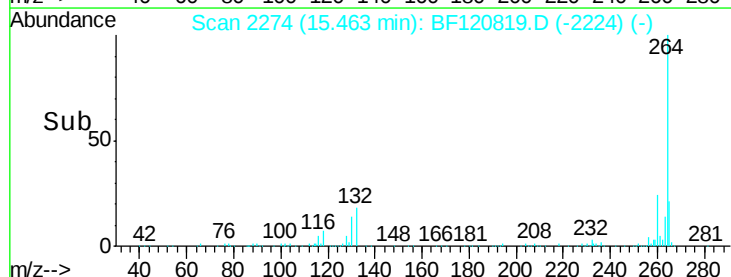
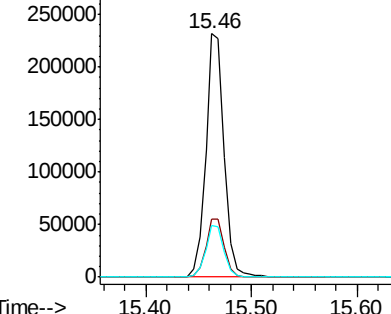


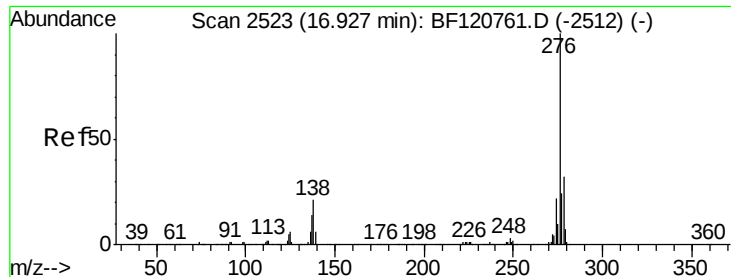
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

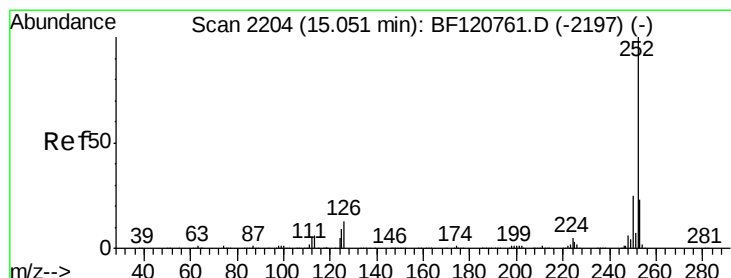
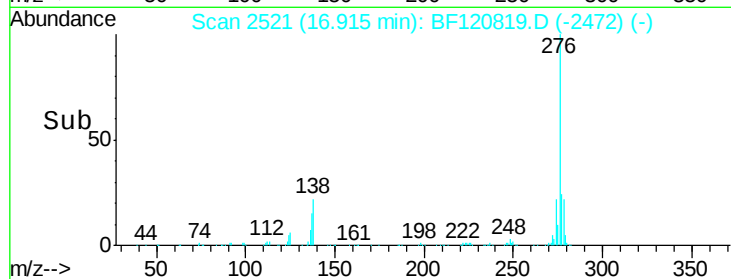
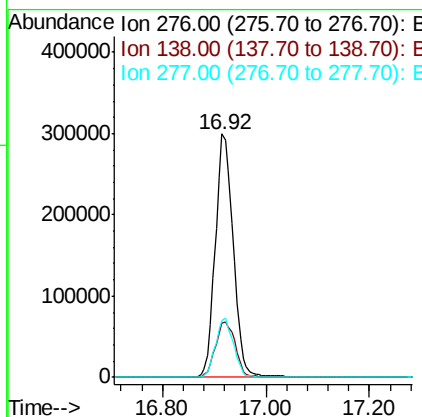
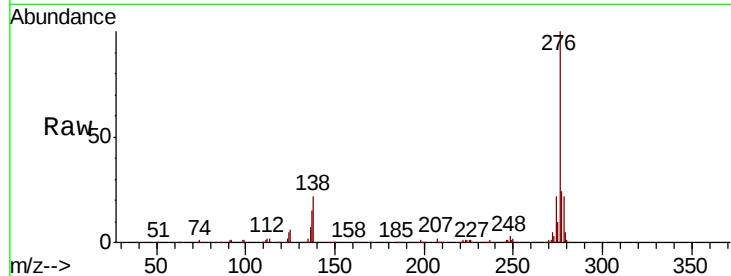




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.456 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

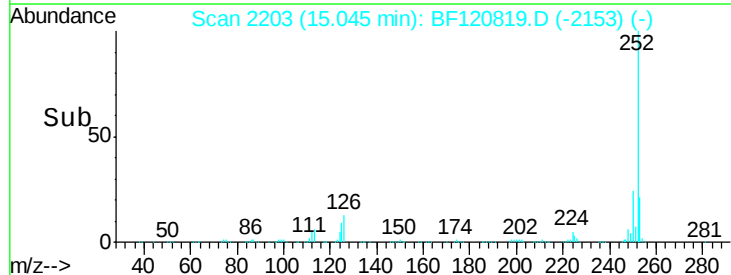
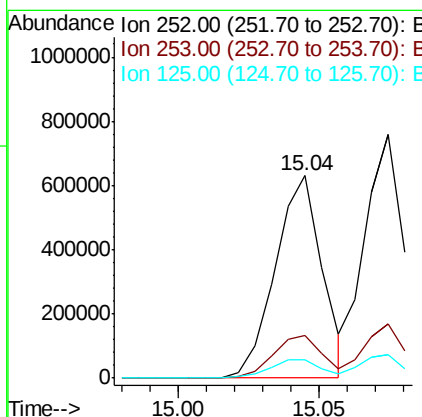
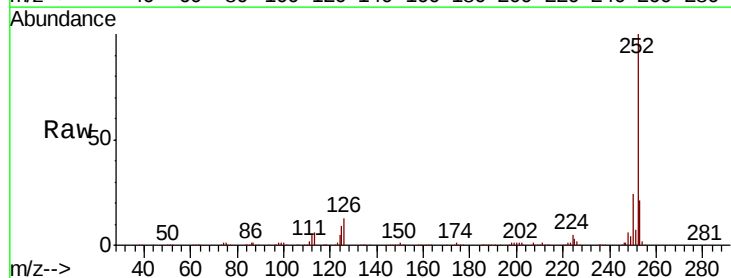
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

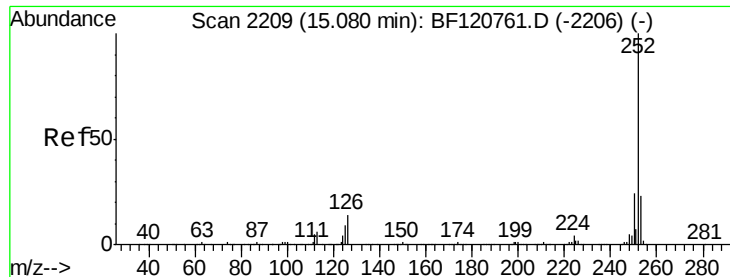
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.8	29.8
277	24.5	19.9	29.9



#88
 Benzo(b)fluoranthene
 Concen: 39.436 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	9.3	7.5	11.3

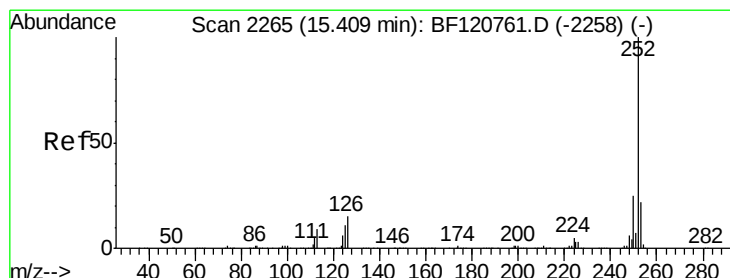
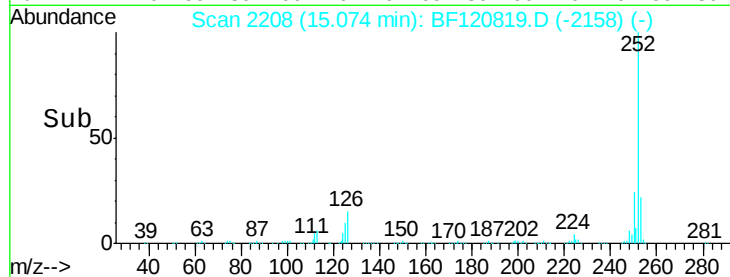
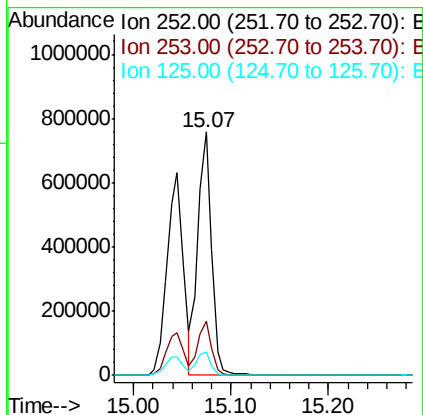
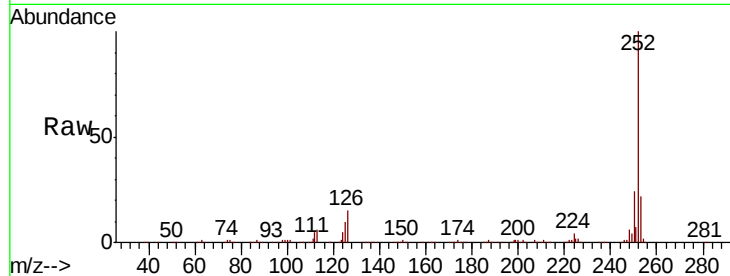




#89
Benzo(k)fluoranthene
Concen: 41.234 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

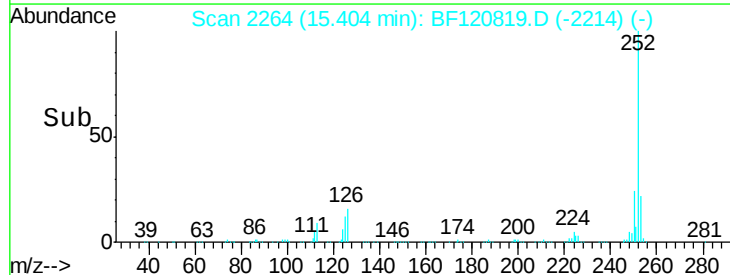
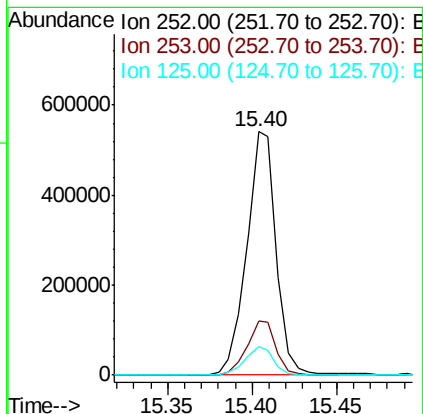
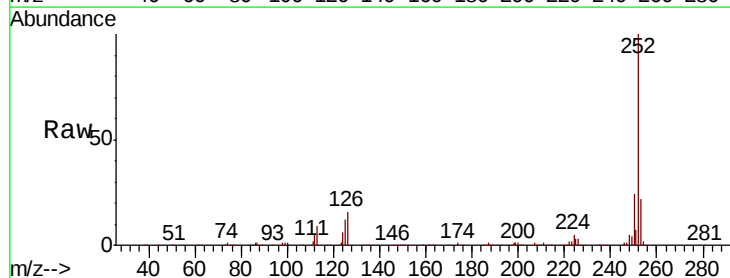
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

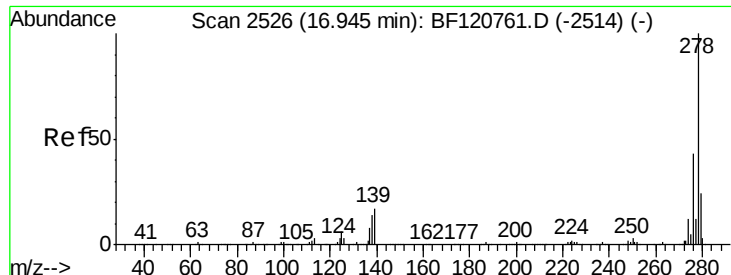
Tot Ion:252 Resp: 737854
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.6 7.6 11.4



#90
Benzo(a)pyrene
Concen: 39.984 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion:252 Resp: 655919
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 11.6 9.2 13.8

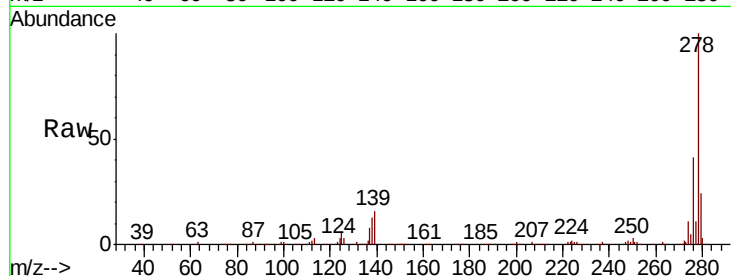




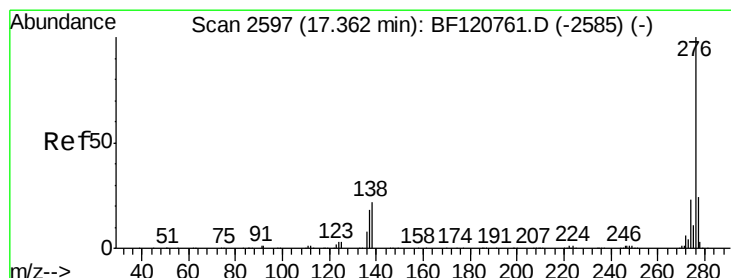
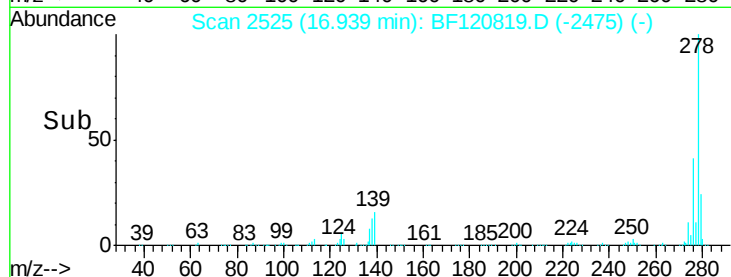
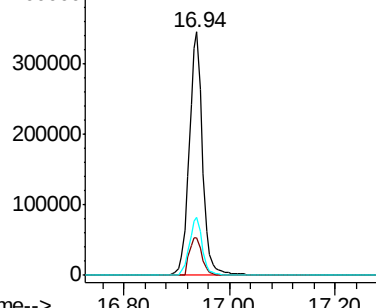
#91
Dibenzo(a,h)anthracene
Concen: 40.740 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 609220
Ion Ratio Lower Upper
278 100
139 15.5 13.3 19.9
279 23.8 19.0 28.6

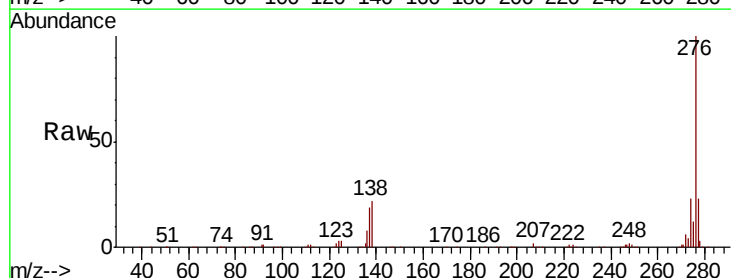


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.331 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion:276 Resp: 551197
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 22.2 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

