

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121651.D
 Acq On : 22 Sep 2020 20:53
 Operator : JU/CG
 Sample : L4104-09MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

Quant Time: Sep 23 01:07:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	148341	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	589687	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	315303	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	596937	20.00	ng	0.00
76) Chrysene-d12	13.98	240	441896	20.00	ng	0.00
86) Perylene-d12	15.43	264	358682	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	830467	83.20	ng	0.01
7) Phenol-d6	6.45	99	1106199	84.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	751433	68.42	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	368242	93.97	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1340928	64.41	ng	0.00
79) Terphenyl-d14	12.92	244	1413582	64.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	162479	35.431	ng	99
3) Pyridine	3.38	79	459406	36.238	ng	98
4) n-Nitrosodimethylamine	3.33	42	225031	38.268	ng	100
6) Aniline	6.47	93	318298	18.663	ng	95
8) 2-Chlorophenol	6.60	128	426782	41.994	ng	99
9) Benzaldehyde	6.36	77	156113	18.236	ng	97
10) Phenol	6.46	94	547436	39.257	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	418938	39.860	ng	99
12) 1,3-Dichlorobenzene	6.75	146	444410	39.178	ng	99
13) 1,4-Dichlorobenzene	6.83	146	450355	39.540	ng	98
14) 1,2-Dichlorobenzene	6.98	146	427091	40.705	ng	99
15) Benzyl Alcohol	6.96	79	375249	42.159	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	632903	37.421	ng	97
17) 2-Methylphenol	7.07	107	355941	41.163	ng	98
18) Hexachloroethane	7.32	117	165041	40.469	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	298115	39.500	ng	98
20) 3+4-Methylphenols	7.23	107	422854	40.700	ng	# 83
22) Acetophenone	7.22	105	559030	37.365	ng	99
24) Nitrobenzene	7.39	77	461395	38.843	ng	99
25) Isophorone	7.63	82	830678	37.573	ng	99
26) 2-Nitrophenol	7.71	139	223678	40.426	ng	97
27) 2,4-Dimethylphenol	7.75	122	380614	38.567	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	525860	38.421	ng	99
29) 2,4-Dichlorophenol	7.96	162	358087	39.838	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	367412	38.811	ng	99
31) Naphthalene	8.12	128	1197240	38.461	ng	100
32) Benzoic acid	7.90	122	254963	36.559	ng	97
33) 4-Chloroaniline	8.16	127	187313	13.882	ng	99
34) Hexachlorobutadiene	8.23	225	223012	40.135	ng	98
35) Caprolactam	8.55	113	65607	21.918	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	401503	41.465	ng	97
37) 2-Methylnaphthalene	8.81	142	794847	38.963	ng	99
38) 1-Methylnaphthalene	8.91	142	745907	39.288	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	373515	37.924	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	355270	63.164	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	265192	39.503	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	280106	39.468	ng	94
46) 1,1'-Biphenyl	9.27	154	961864	38.106	ng	100
47) 2-Chloronaphthalene	9.30	162	748367	37.623	ng	99
48) 2-Nitroaniline	9.40	65	257901	41.723	ng	98
49) Acenaphthylene	9.72	152	1191926	39.000	ng	100
50) Dimethylphthalate	9.58	163	1049669	45.932	ng	100
51) 2,6-Dinitrotoluene	9.64	165	206371	42.403	ng	99
52) Acenaphthene	9.89	154	708457	36.701	ng	100
53) 3-Nitroaniline	9.81	138	114813	20.364	ng	92
54) 2,4-Dinitrophenol	9.92	184	217196	77.672	ng	96
55) Dibenzofuran	10.06	168	1050445	38.641	ng	97
56) 4-Nitrophenol	9.99	139	339842	75.583	ng	91
57) 2,4-Dinitrotoluene	10.05	165	277050	45.249	ng	93
58) Fluorene	10.40	166	825589	39.713	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	235494	40.816	ng	98
60) Diethylphthalate	10.28	149	895535	40.193	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	394937	39.658	ng	100
62) 4-Nitroaniline	10.43	138	204004	36.443	ng	99
63) Azobenzene	10.55	77	896875	37.799	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	153297	42.728	ng	99
66) n-Nitrosodiphenylamine	10.52	169	778437	38.010	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	266212	39.170	ng	95
68) Hexachlorobenzene	10.95	284	301428	39.300	ng	98
69) Atrazine	11.04	200	191309	37.600	ng	98
70) Pentachlorophenol	11.15	266	321279	76.273	ng	98
71) Phenanthrene	11.36	178	1287525	39.587	ng	99
72) Anthracene	11.42	178	1281891	38.194	ng	100
73) Carbazole	11.57	167	1160749	38.325	ng	99
74) Di-n-butylphthalate	11.90	149	1339232	38.311	ng	99
75) Fluoranthene	12.55	202	1399024	40.296	ng	98
77) Benzidine	12.67	184	587233	40.085	ng	100
78) Pyrene	12.78	202	1395819	43.233	ng	100
80) Butylbenzylphthalate	13.40	149	553708	42.405	ng	99
81) Benzo(a)anthracene	13.97	228	1150503	41.153	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	195042	17.870	ng	99
83) Chrysene	14.00	228	1111675	39.268	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	704082	40.363	ng	100
85) Di-n-octyl phthalate	14.57	149	1171021	38.039	ng	99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1009694	43.226	ng	99
88) Benzo(b)fluoranthene	15.01	252	1011008	42.163	ng	99
89) Benzo(k)fluoranthene	15.04	252	941581	42.881	ng	99
90) Benzo(a)pyrene	15.37	252	871144	42.740	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	798137	41.047	ng	99
92) Benzo(g,h,i)perylene	17.31	276	864043	45.206	ng	99

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

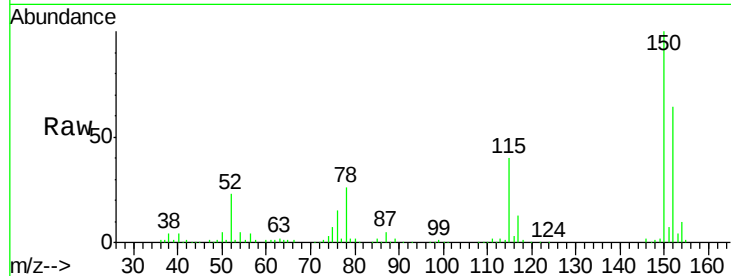


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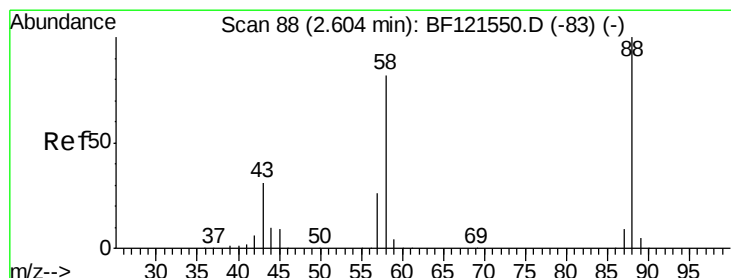
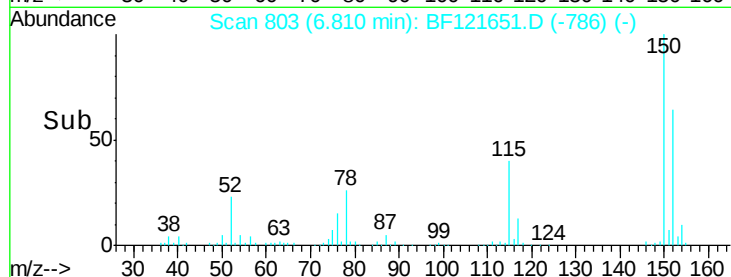
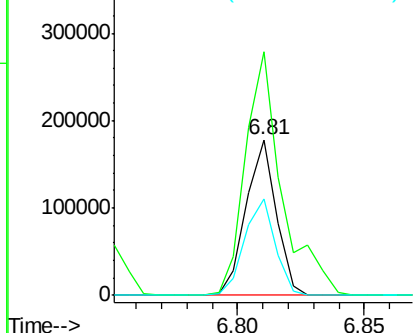
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion:152 Resp: 148341
Ion Ratio Lower Upper
152 100
150 156.5 128.1 192.1
115 62.2 52.6 79.0



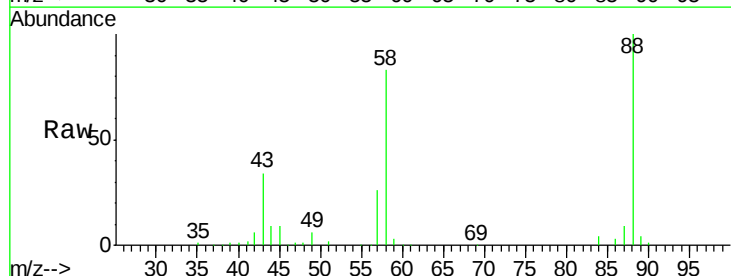
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



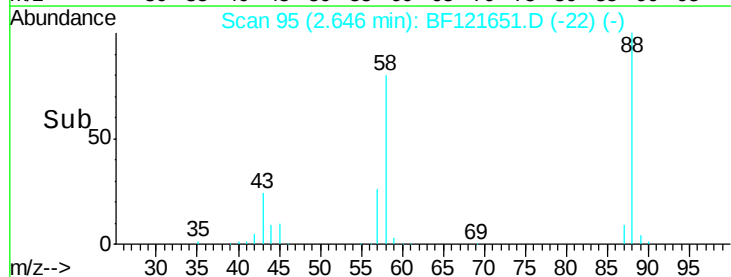
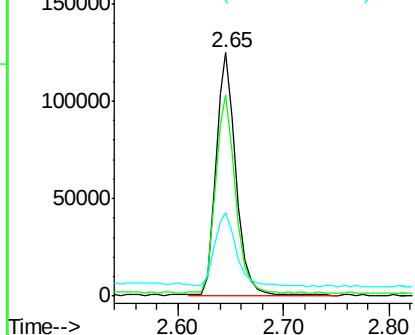
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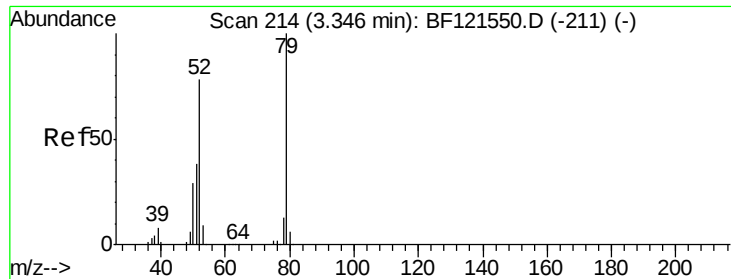
1,4-Dioxane
Concen: 35.431 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.13 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion: 88 Resp: 162479
Ion Ratio Lower Upper
88 100
58 81.5 65.4 98.0
43 33.1 24.9 37.3



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: 36.238 ng

RT: 3.38 min Scan# 219

Delta R.T. 0.12 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

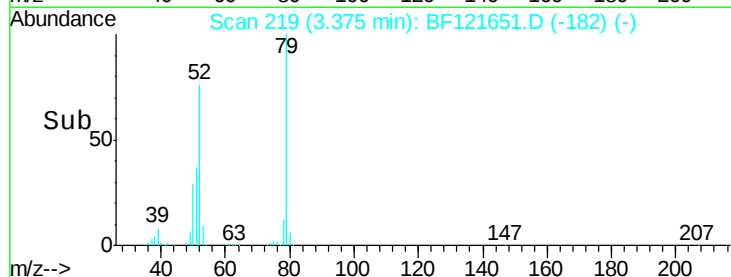
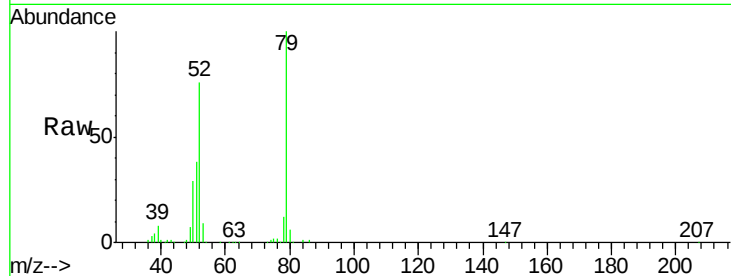
Tot Ion: 79 Resp: 459406

Ion Ratio Lower Upper

79 100

52 76.5 63.4 95.0

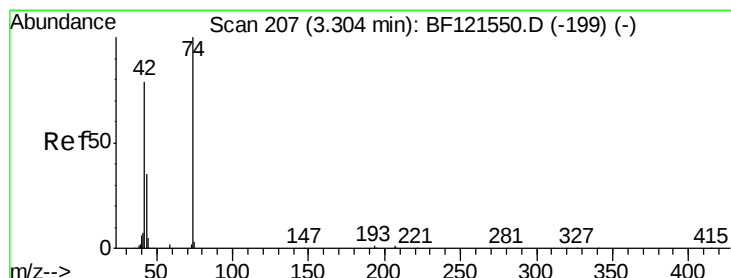
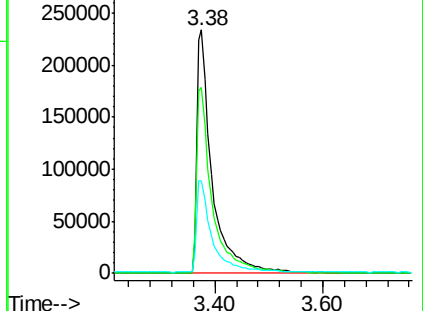
51 38.2 30.7 46.1



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: 38.268 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.12 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

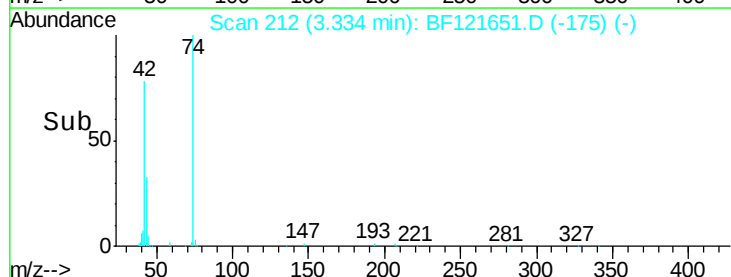
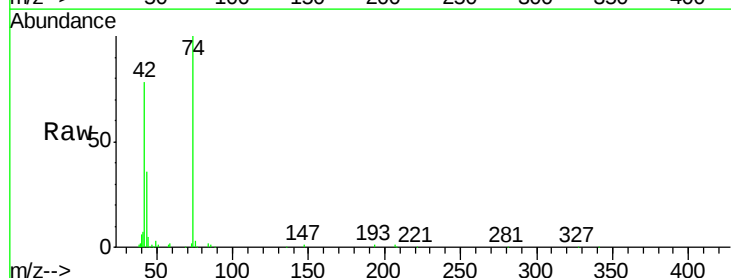
Tgt Ion: 42 Resp: 225031

Ion Ratio Lower Upper

42 100

74 128.3 102.6 154.0

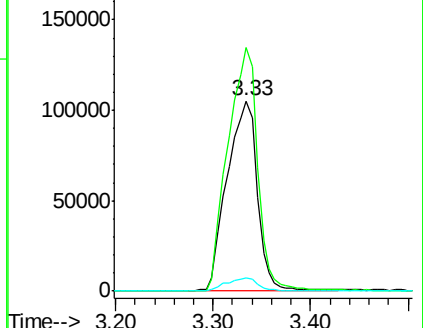
44 7.0 6.0 9.0

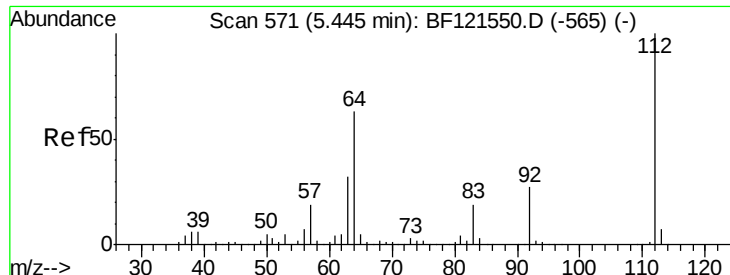


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.199 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

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ClientSampleId :

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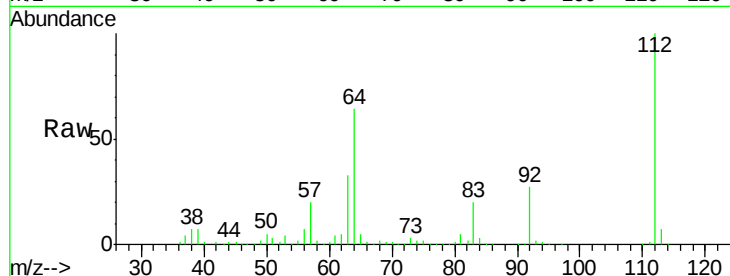
Tot Ion: 112 Resp: 830467

Ion Ratio Lower Upper

112 100

64 63.8 52.2 78.2

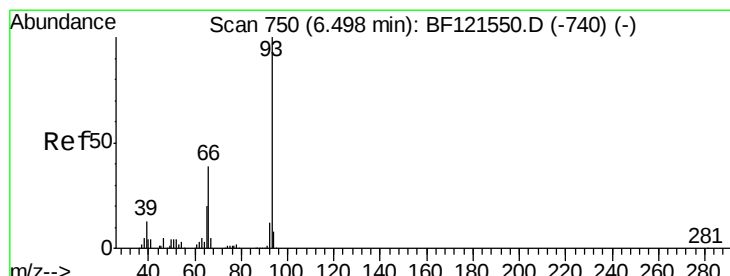
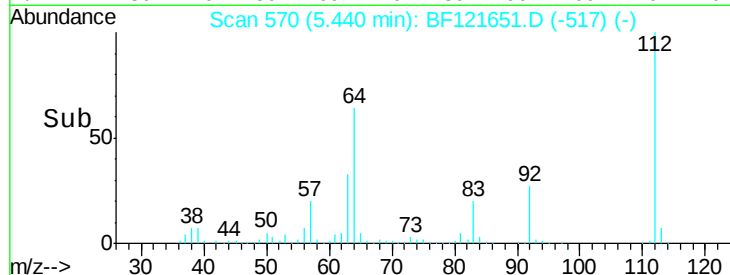
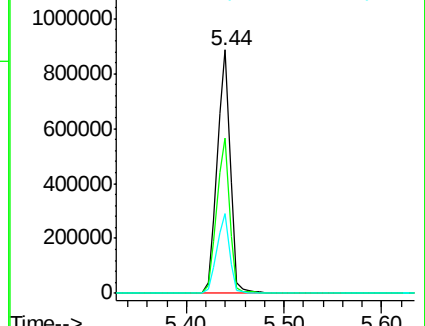
63 32.5 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.663 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

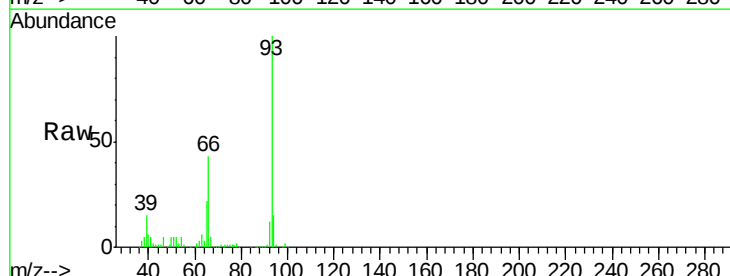
Tgt Ion: 93 Resp: 318298

Ion Ratio Lower Upper

93 100

66 43.0 31.9 47.9

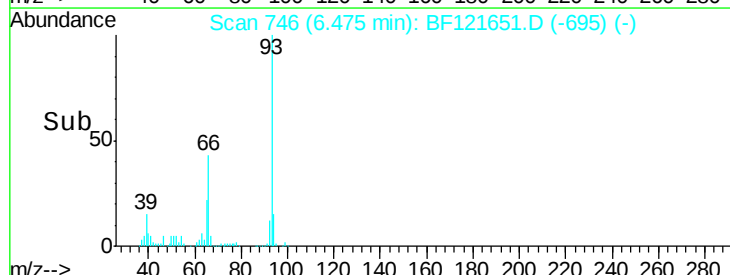
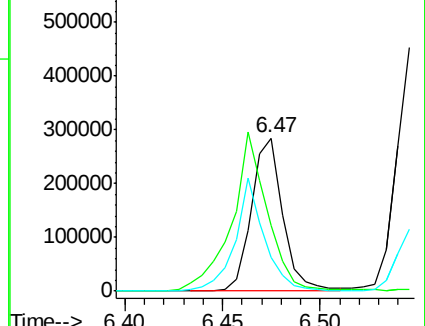
65 22.1 16.1 24.1

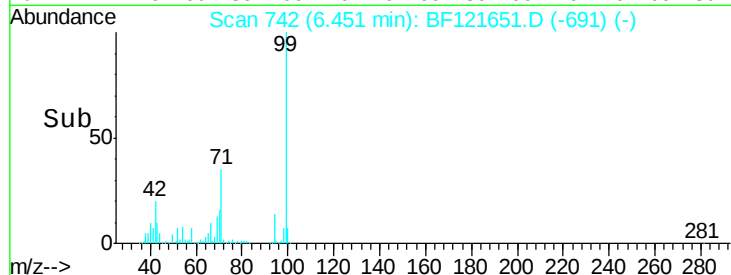
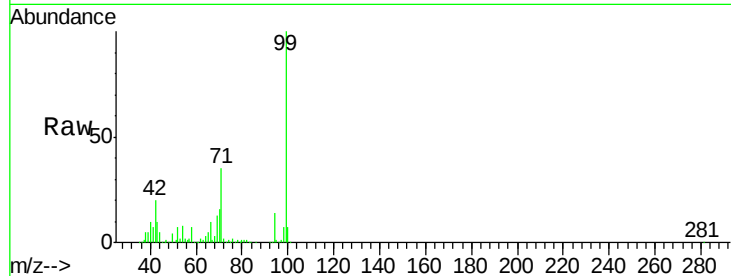


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.472 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

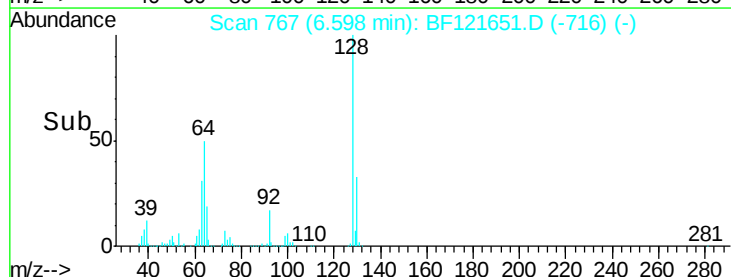
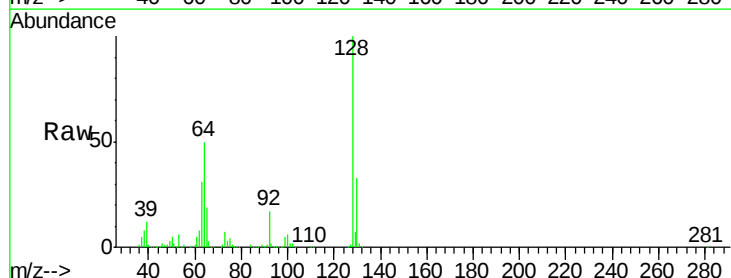
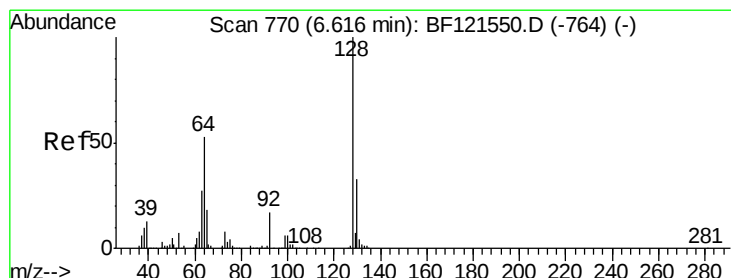
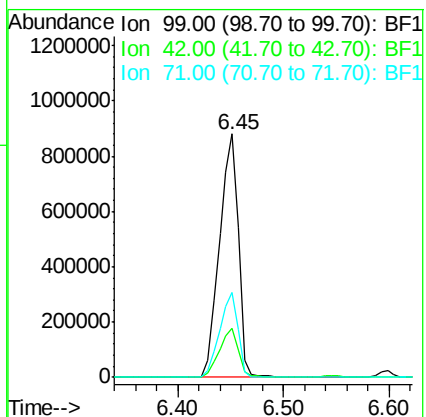
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Tot Ion: 99 Resp: 1106199

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.5	23.3
71	34.7	27.4	41.2



#8

2-Chlorophenol

Concen: 41.994 ng

RT: 6.60 min Scan# 767

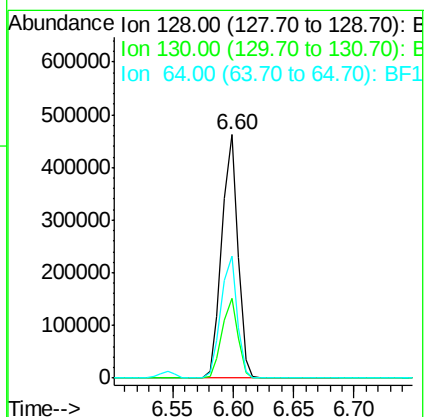
Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Tgt Ion: 128 Resp: 426782

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.5	53.5
64	50.1	29.3	69.3





#9

Benzaldehyde

Concen: 18.236 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121651.D

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Instrument :

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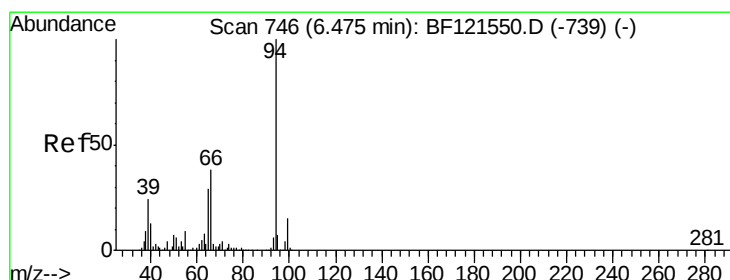
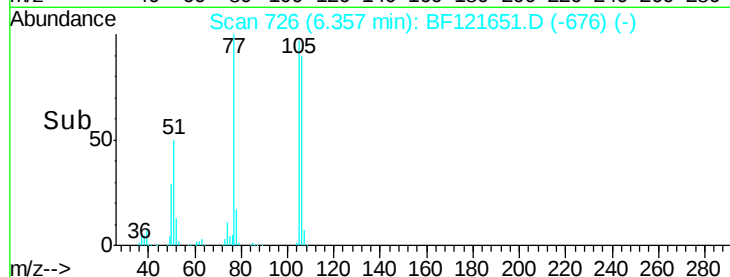
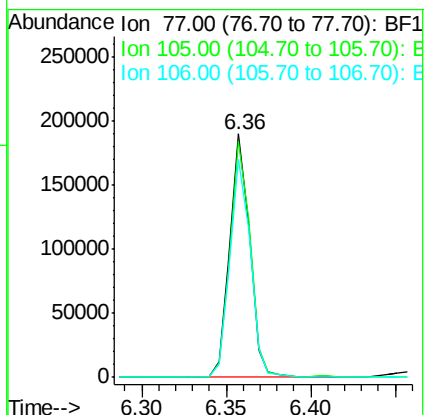
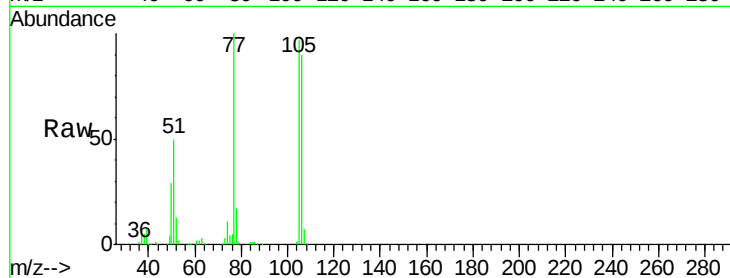
Tot Ion: 77 Resp: 156113

Ion Ratio Lower Upper

77 100

105 97.1 79.2 119.2

106 89.6 72.9 112.9



#10

Phenol

Concen: 39.257 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

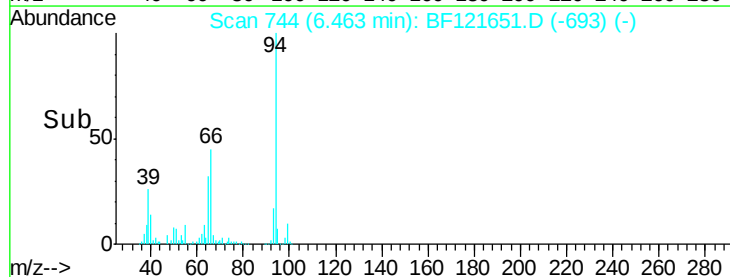
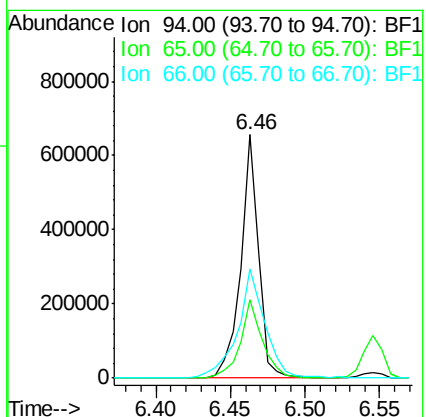
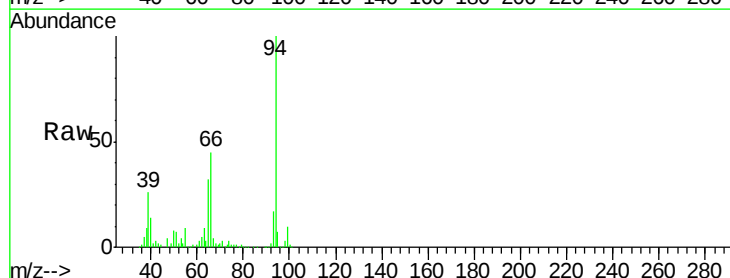
Tgt Ion: 94 Resp: 547436

Ion Ratio Lower Upper

94 100

65 32.0 17.8 57.8

66 45.1 37.8 77.8

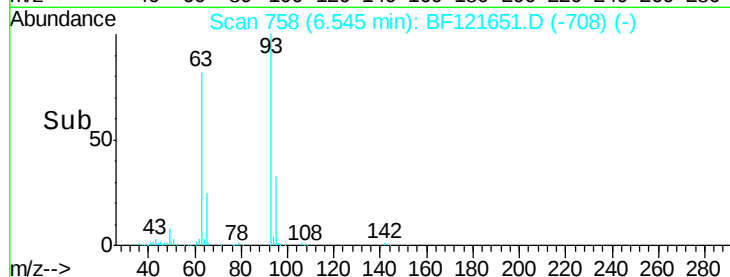
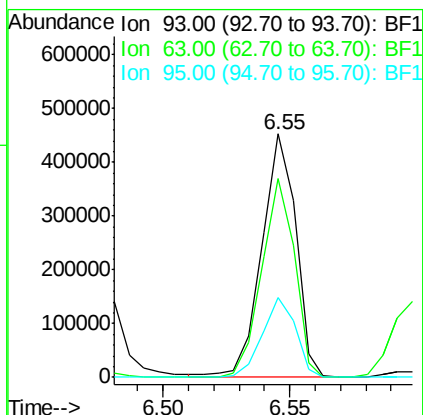
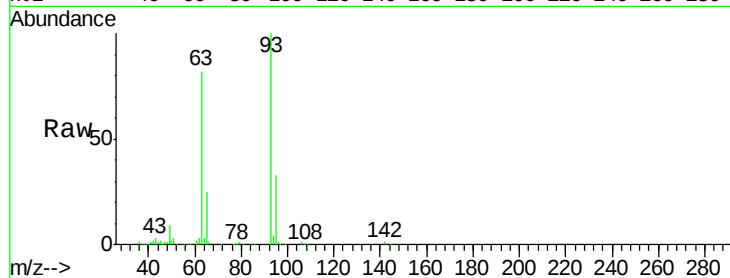




#11
bis(2-Chloroethyl)ether
Concen: 39.860 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

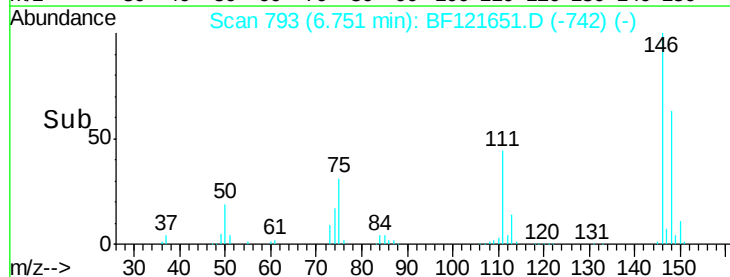
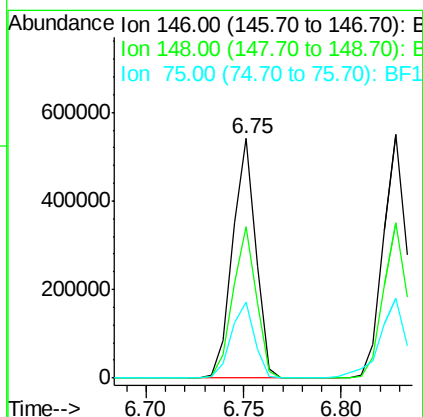
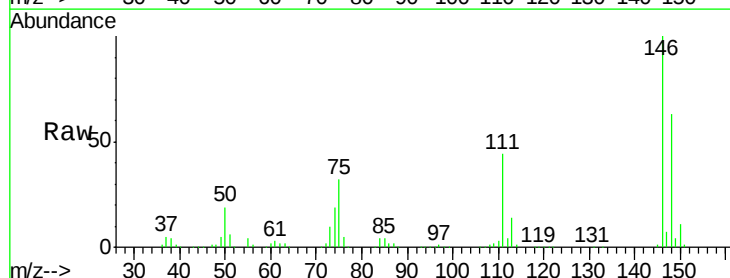
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

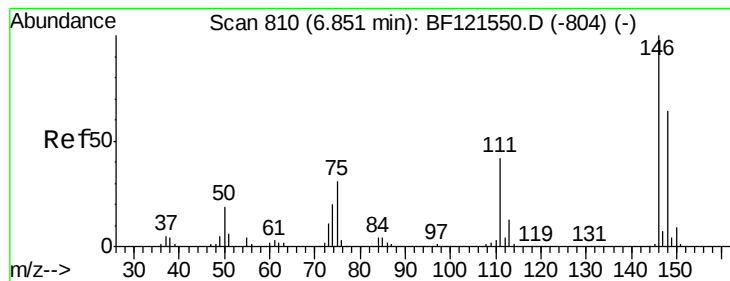
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.5	60.3	100.3
95	33.0	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 39.178 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
75	31.8	23.5	35.3





#13

1,4-Dichlorobenzene

Concen: 39.540 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

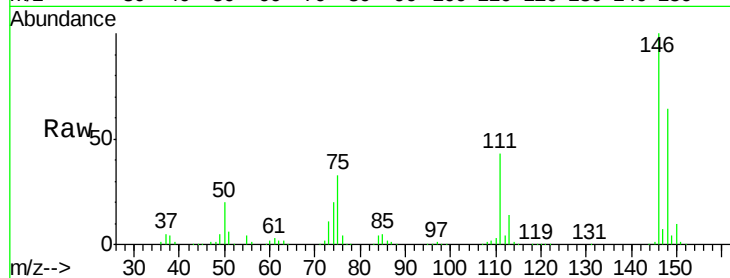
Tot Ion:146 Resp: 450355

Ion Ratio Lower Upper

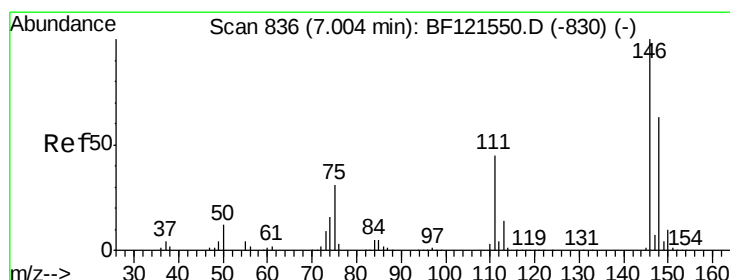
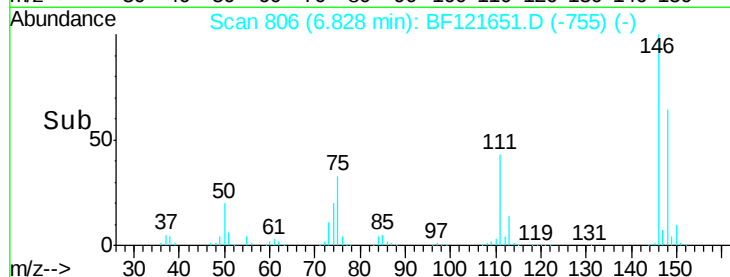
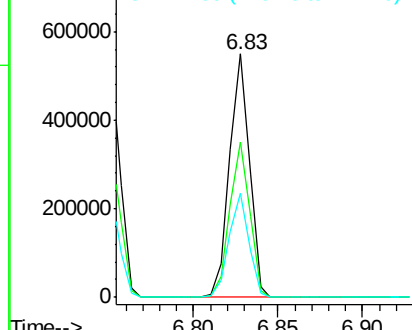
146 100

148 63.7 51.9 77.9

111 42.9 32.7 49.1



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



#14

1,2-Dichlorobenzene

Concen: 40.705 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

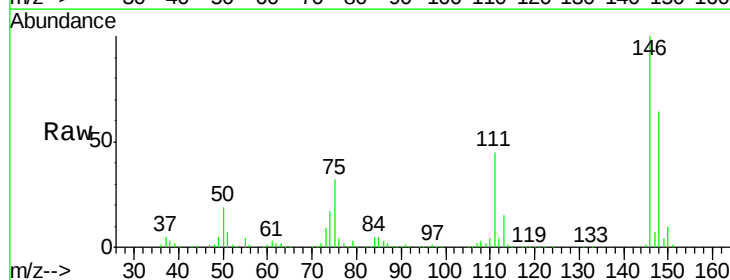
Tgt Ion:146 Resp: 427091

Ion Ratio Lower Upper

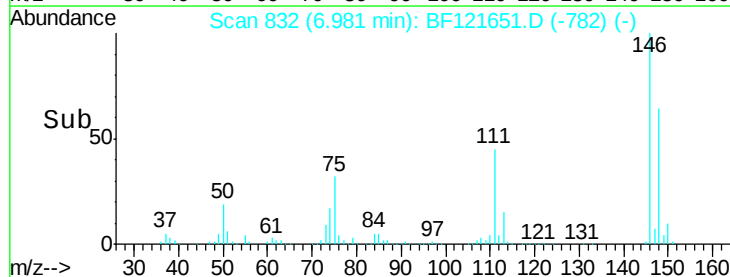
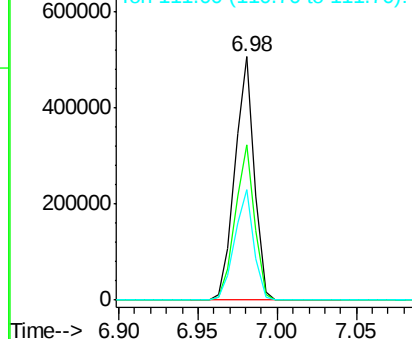
146 100

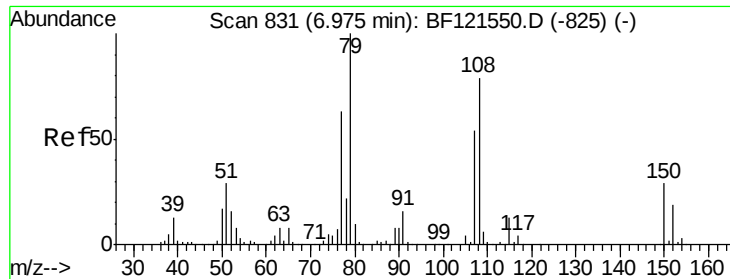
148 63.7 51.3 76.9

111 45.1 35.5 53.3



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

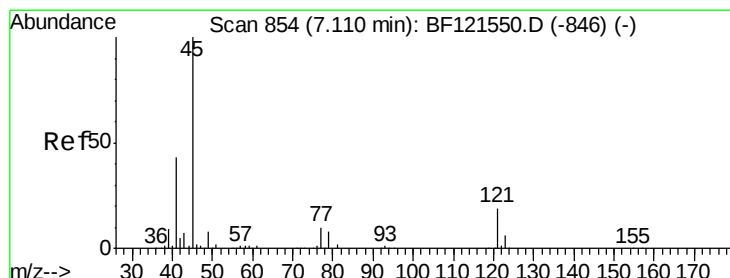
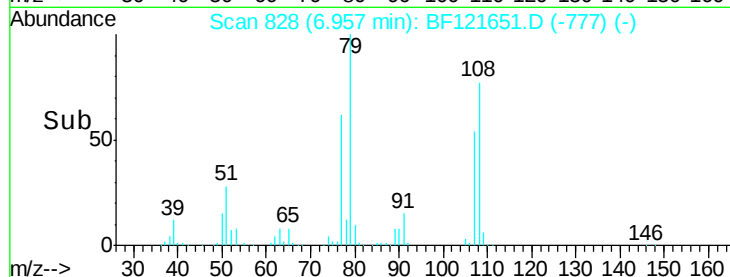
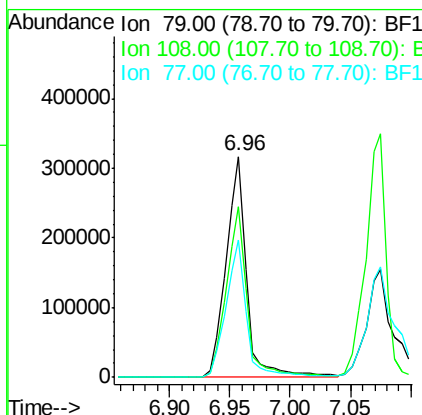
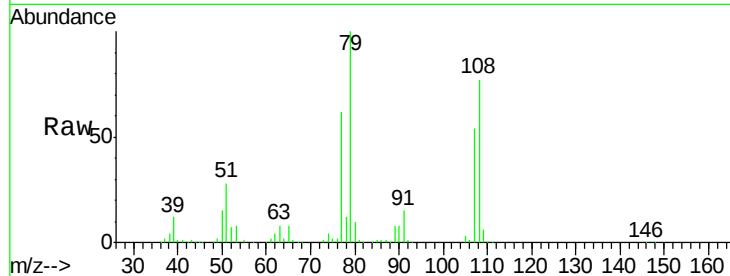




#15
Benzyl Alcohol
Concen: 42.159 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

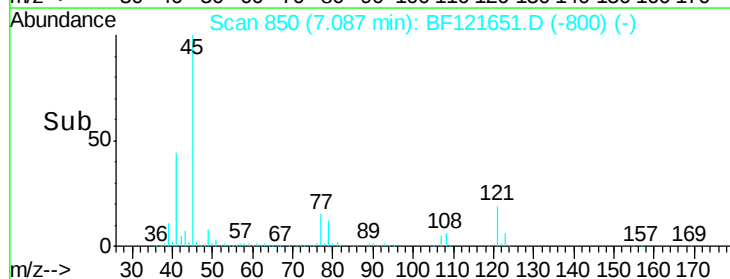
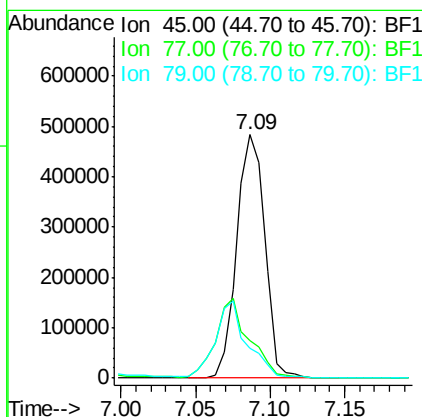
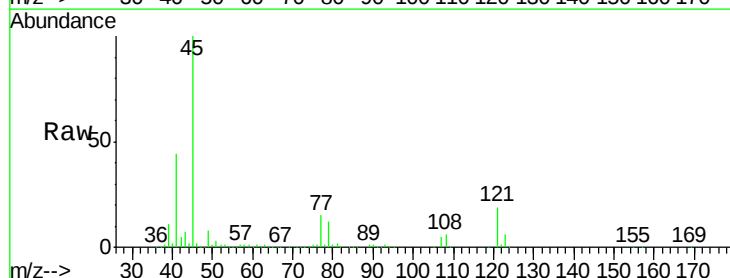
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

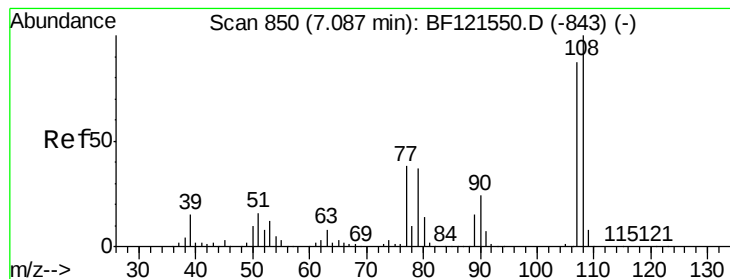
Tot Ion: 79 Resp: 375249
Ion Ratio Lower Upper
79 100
108 77.3 60.2 90.2
77 62.1 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.421 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion: 45 Resp: 632903
Ion Ratio Lower Upper
45 100
77 15.2 0.0 33.8
79 12.1 0.0 31.2





#17

2-Methylphenol

Concen: 41.163 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion:107 Resp: 355941

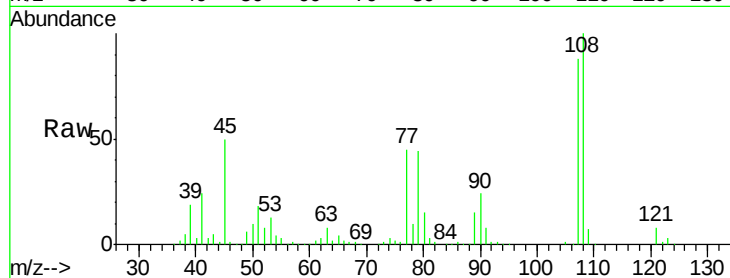
Ion Ratio Lower Upper

107 100

108 114.1 90.6 135.8

77 51.6 38.7 58.1

79 50.3 37.9 56.9

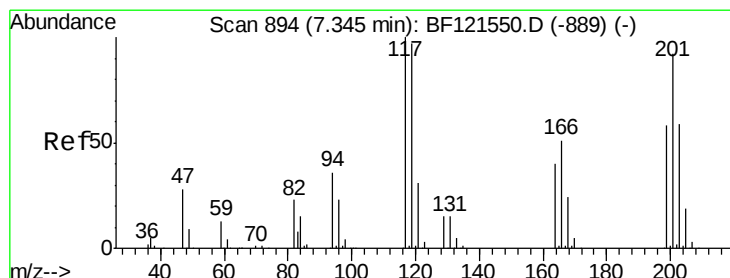
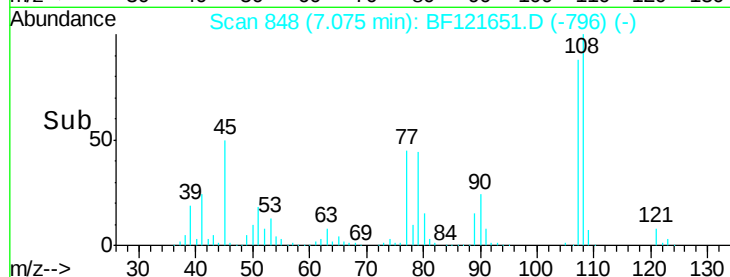
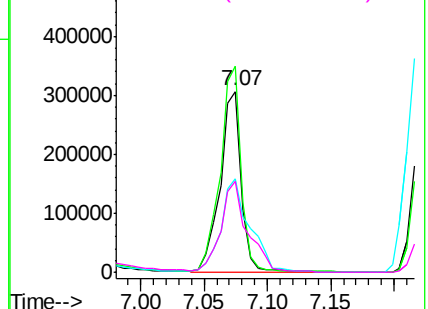


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.469 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

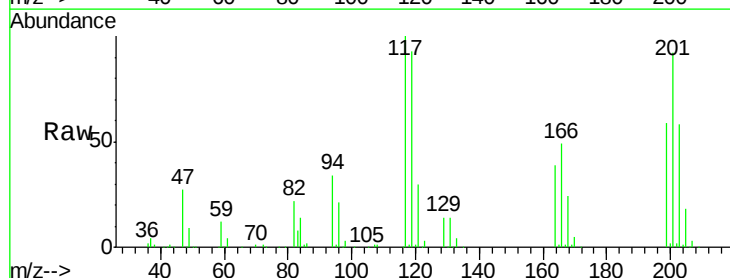
Tgt Ion:117 Resp: 165041

Ion Ratio Lower Upper

117 100

119 93.0 75.7 113.5

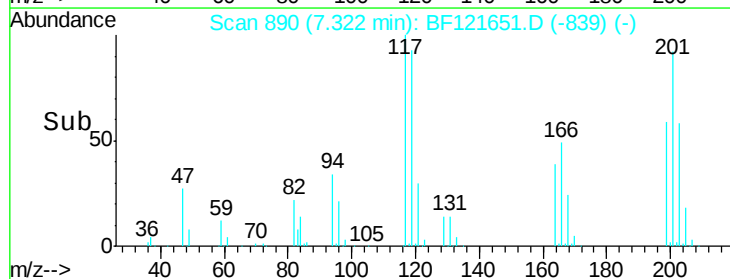
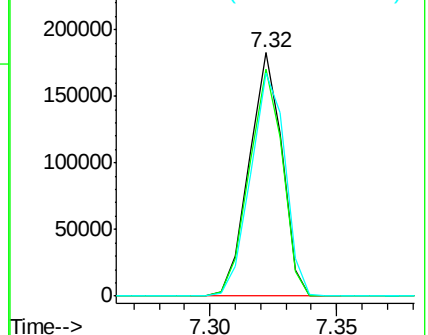
201 91.5 77.5 116.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

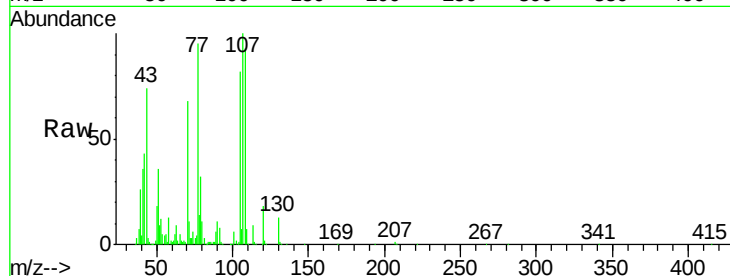




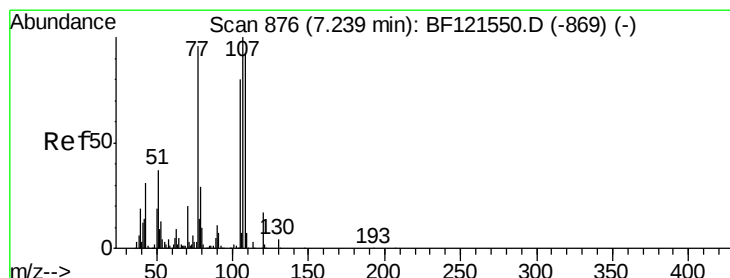
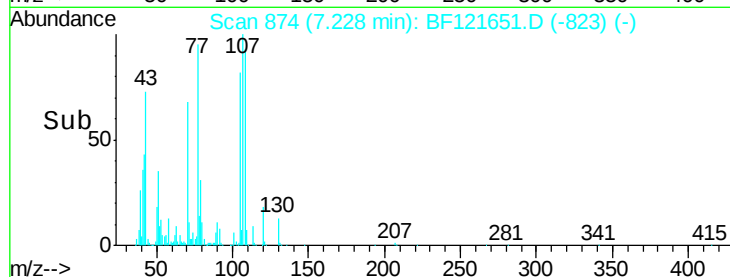
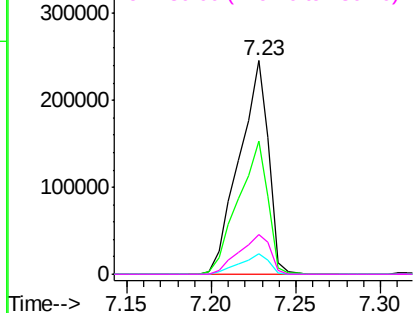
#19
n-Nitroso-di-n-propylamine
Concen: 39.500 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion:	70	Resp:	298115
Ion	Ratio	Lower	Upper
70	100		
42	62.3	48.3	72.5
101	9.3	7.6	11.4
130	18.9	15.9	23.9



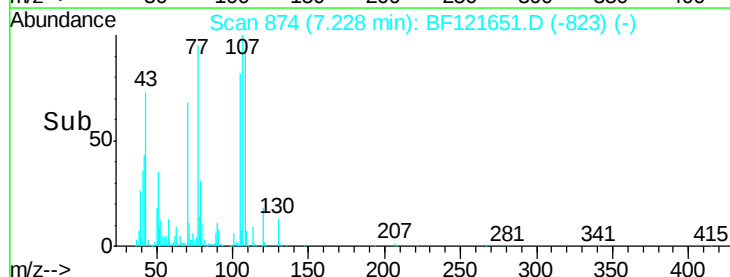
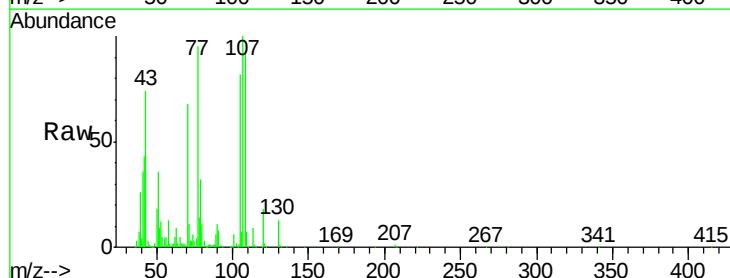
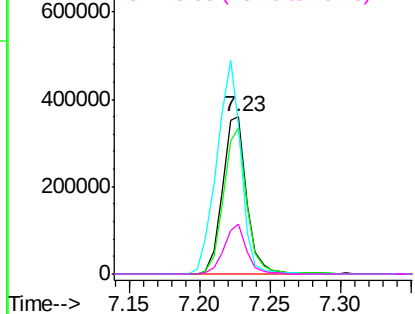
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

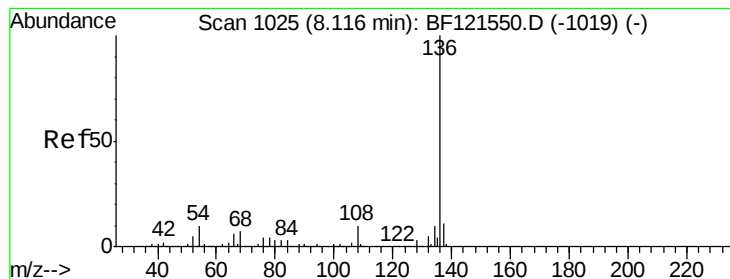


#20
3+4-Methylphenols
Concen: 40.700 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion:	107	Resp:	422854
Ion	Ratio	Lower	Upper
107	100		
108	93.0	67.0	107.0
77	95.5	107.7	147.7#
79	31.5	10.3	50.3

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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion:136 Resp: 589687

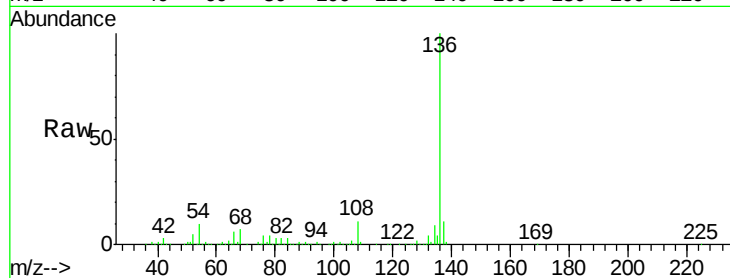
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.6 7.4 11.0

68 7.0 5.3 7.9

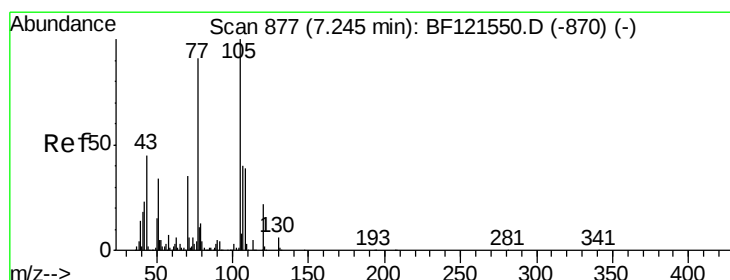
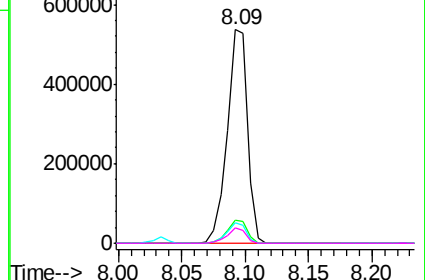
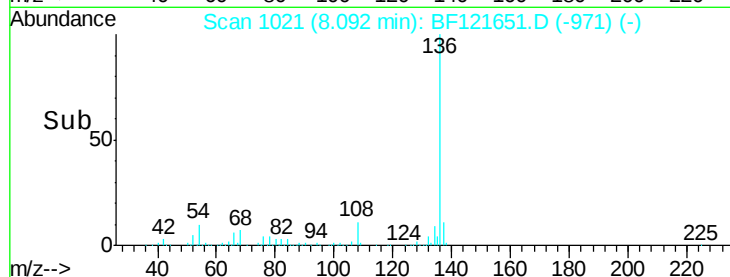


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.365 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Tgt Ion:105 Resp: 559030

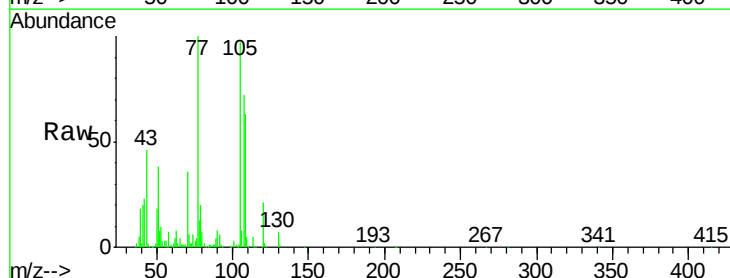
Ion Ratio Lower Upper

105 100

71 6.1 5.5 8.3

51 39.1 31.7 47.5

120 21.7 17.4 26.2

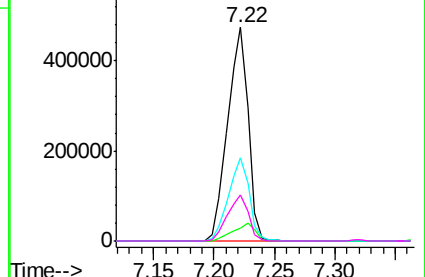
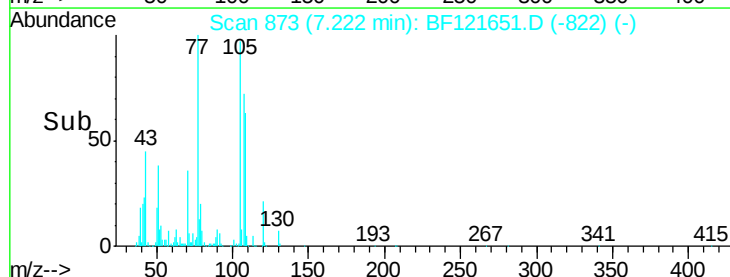


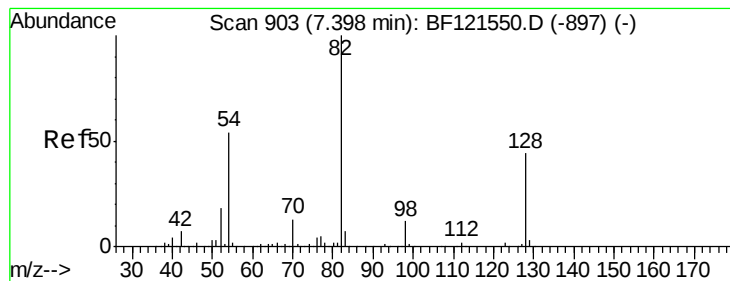
Abundance Ion 105.00 (104.70 to 105.70): E

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: 68.419 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

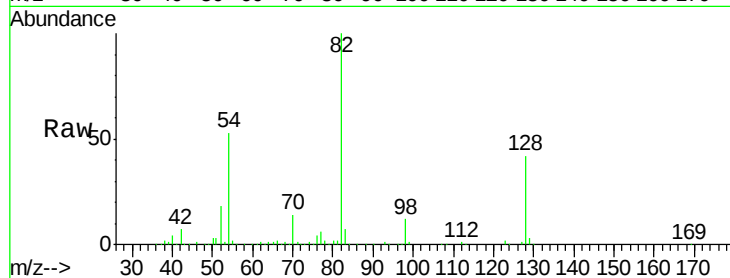
Tot Ion: 82 Resp: 751433

Ion Ratio Lower Upper

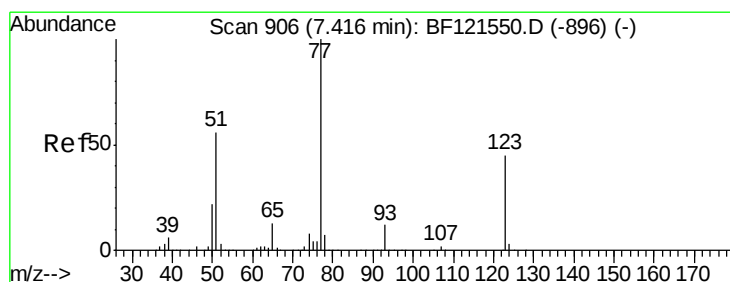
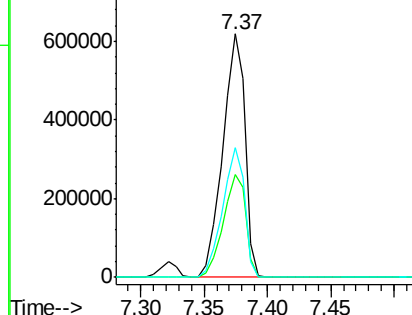
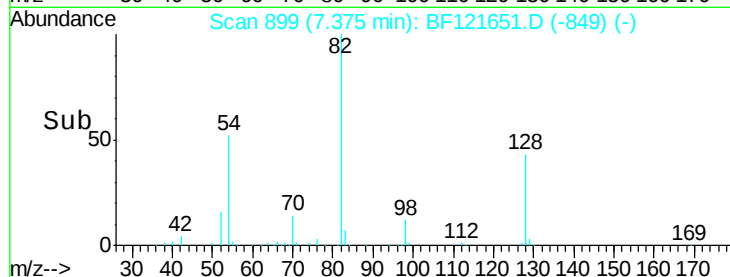
82 100

128 42.5 33.9 50.9

54 53.1 42.9 64.3



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



#24

Nitrobenzene

Concen: 38.843 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

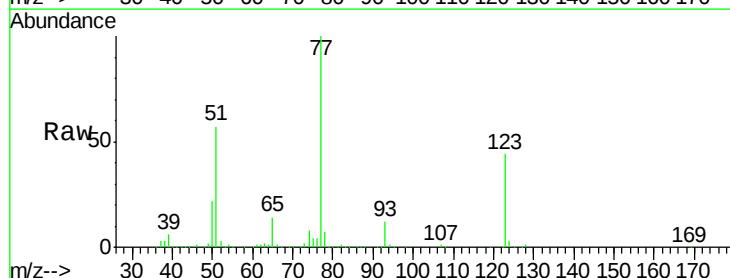
Tgt Ion: 77 Resp: 461395

Ion Ratio Lower Upper

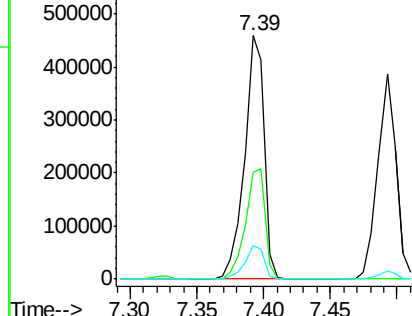
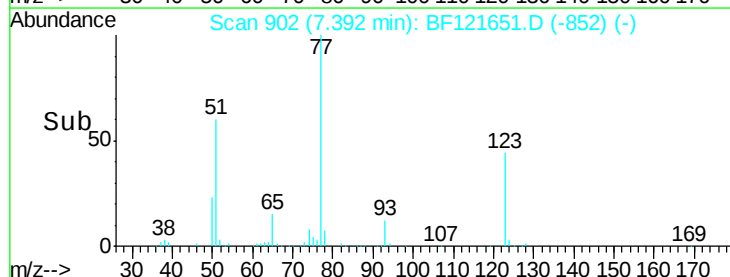
77 100

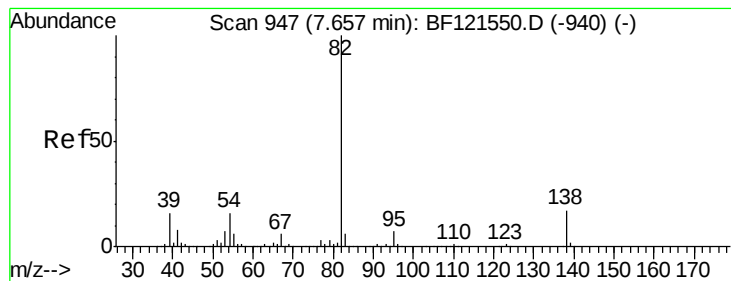
123 44.0 35.8 53.8

65 13.7 11.2 16.8



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





#25

Isophorone

Concen: 37.573 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

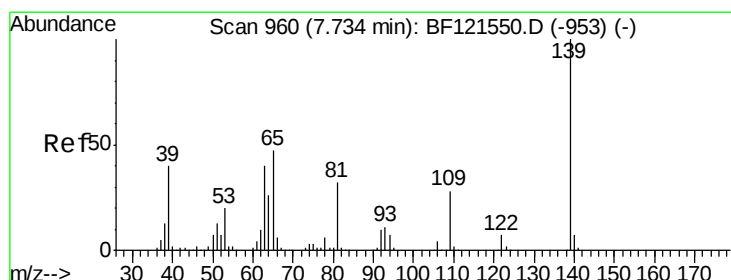
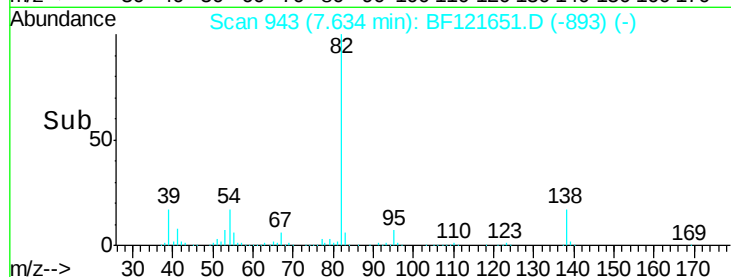
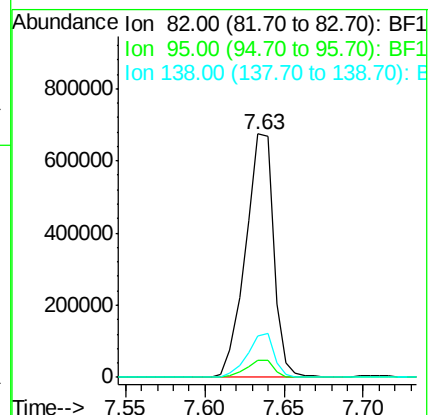
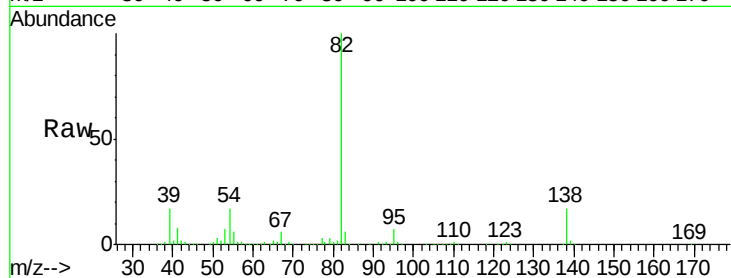
Tot Ion: 82 Resp: 830678

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 16.8 13.2 19.8



#26

2-Nitrophenol

Concen: 40.426 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

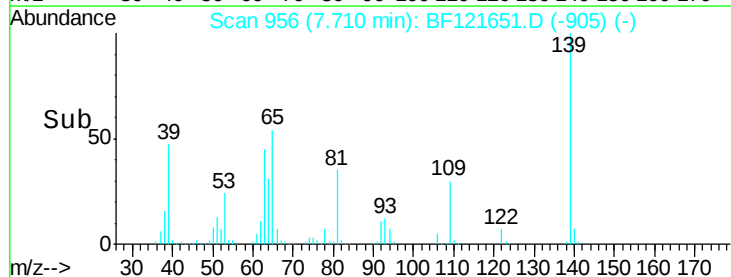
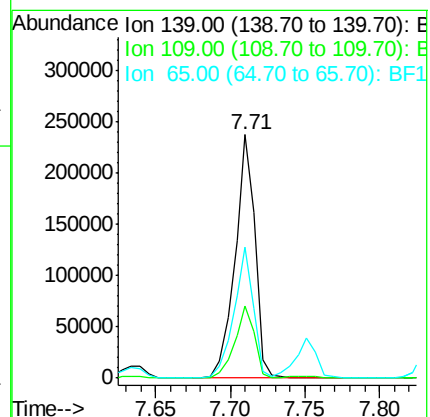
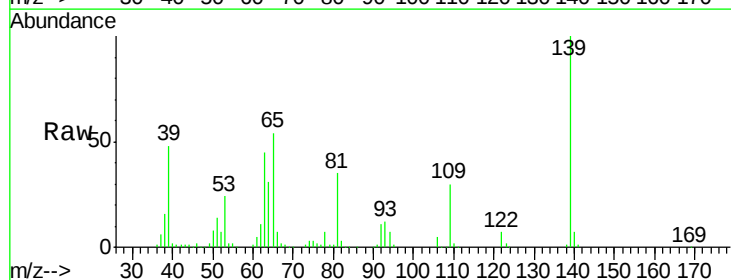
Tgt Ion: 139 Resp: 223678

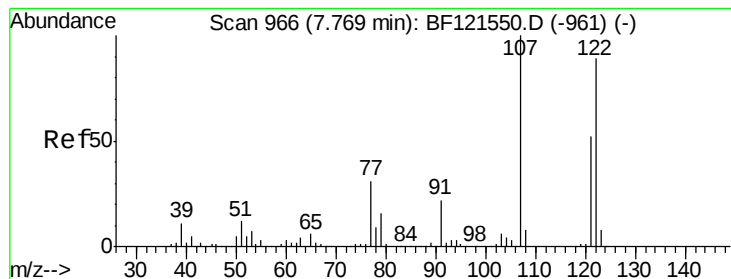
Ion Ratio Lower Upper

139 100

109 29.7 23.4 35.2

65 53.8 41.0 61.4





#27

2,4-Dimethylphenol

Concen: 38.567 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

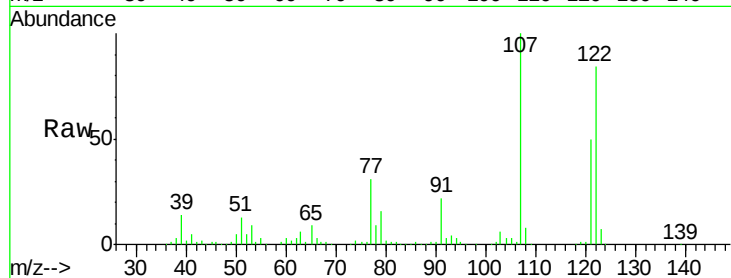
Tot Ion:122 Resp: 380614

Ion Ratio Lower Upper

122 100

107 118.6 91.4 137.0

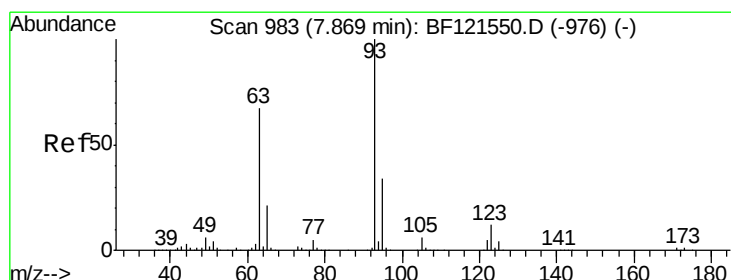
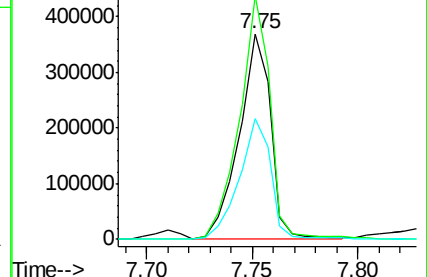
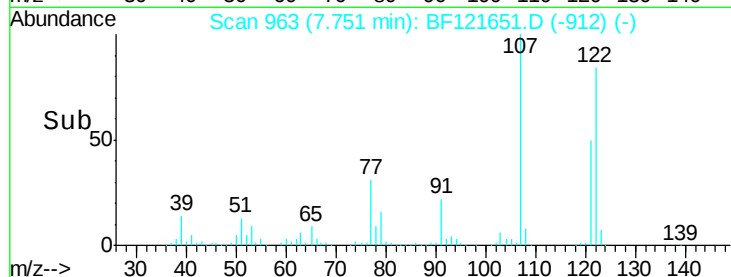
121 59.1 46.2 69.2



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: 38.421 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

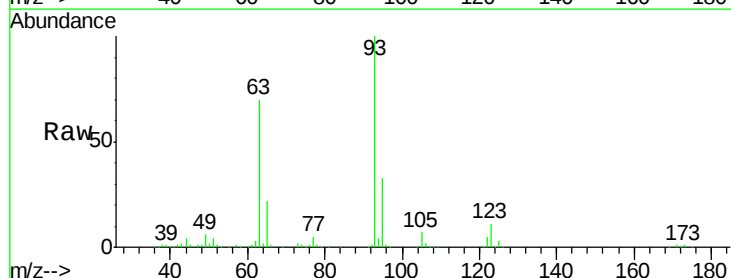
Tgt Ion: 93 Resp: 525860

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

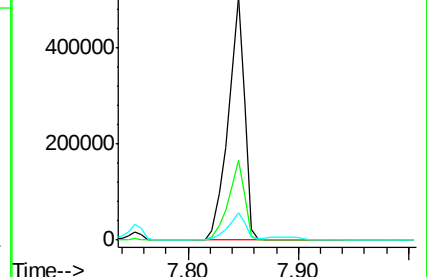
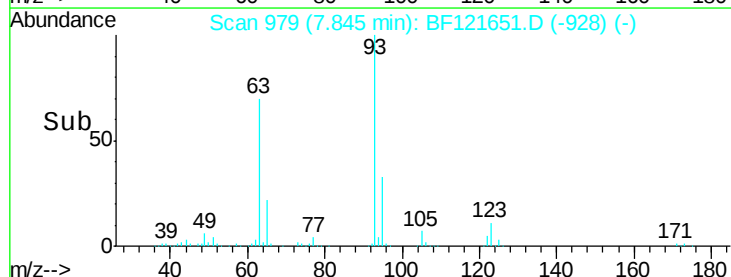
123 11.3 9.3 13.9

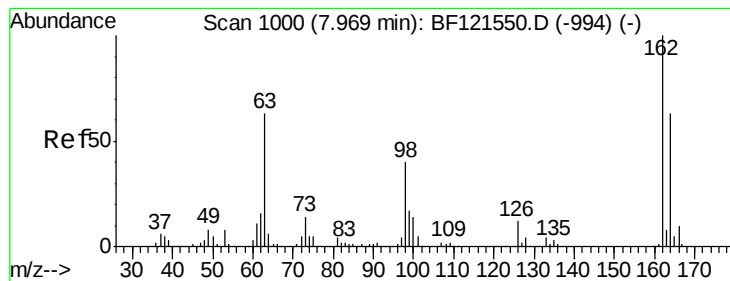


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.838 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

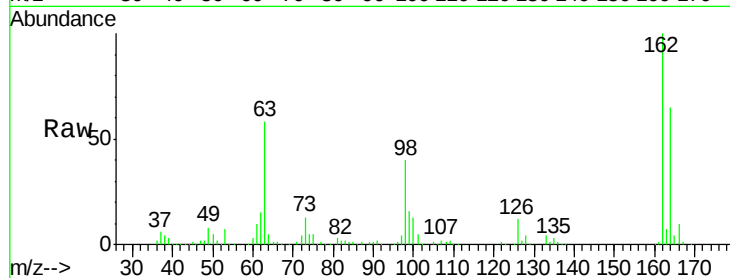
Tot Ion:162 Resp: 358087

Ion Ratio Lower Upper

162 100

164 64.7 44.1 84.1

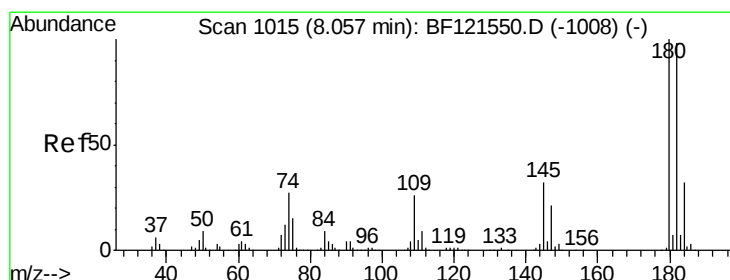
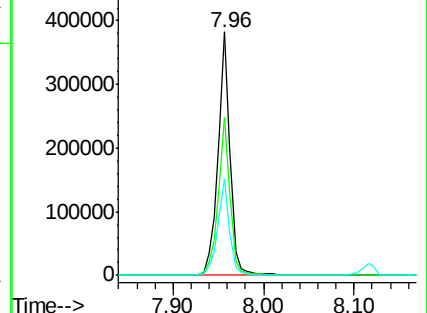
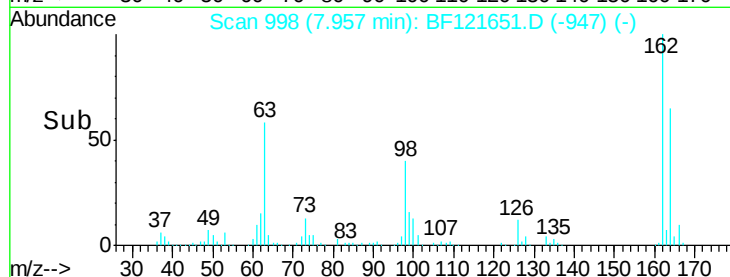
98 39.7 16.7 56.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.811 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

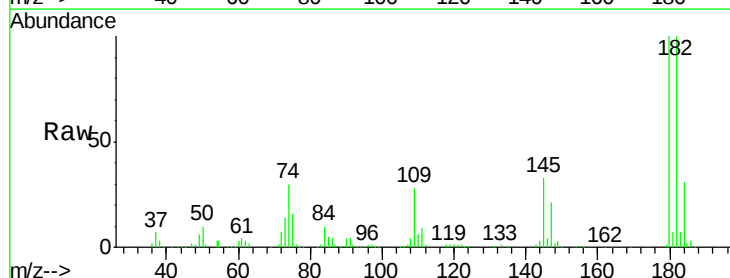
Tgt Ion:180 Resp: 367412

Ion Ratio Lower Upper

180 100

182 99.8 78.6 117.8

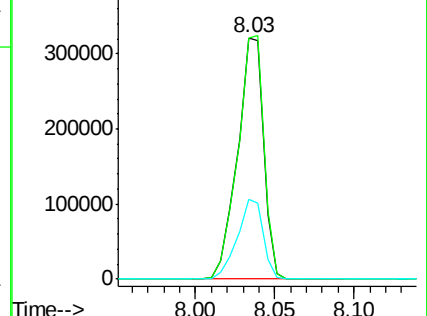
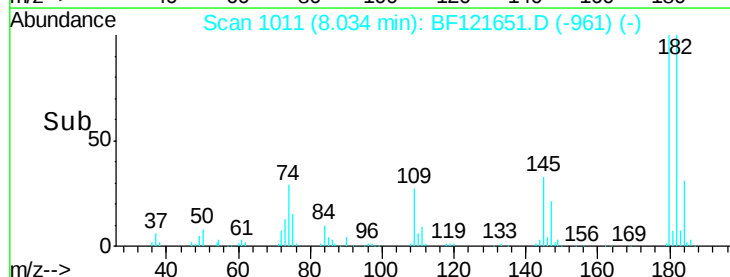
145 33.1 26.2 39.2

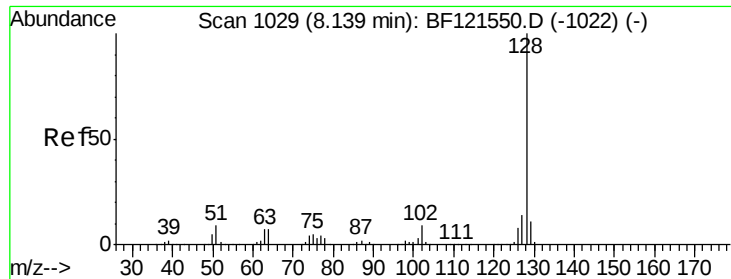


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

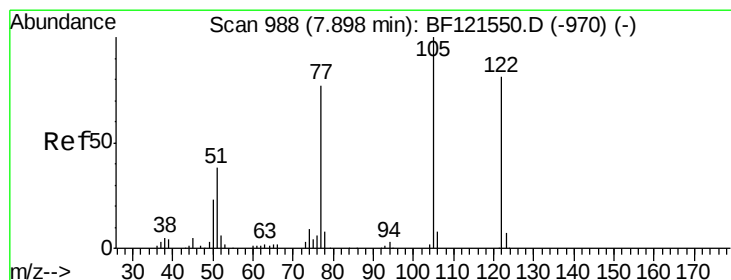
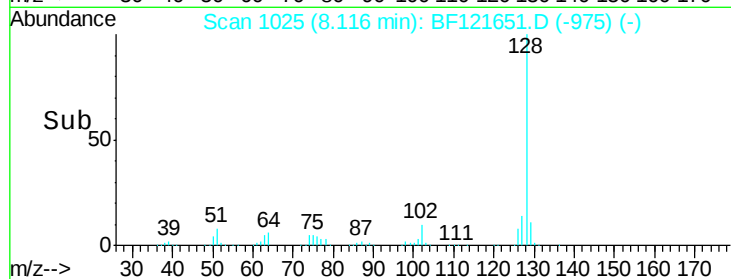
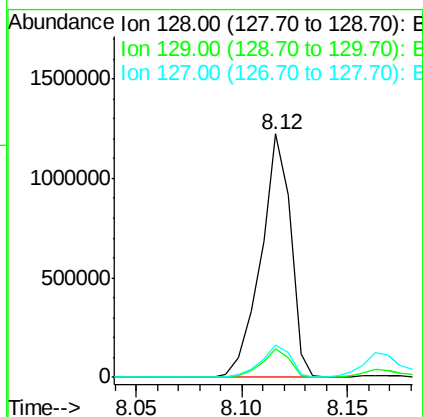
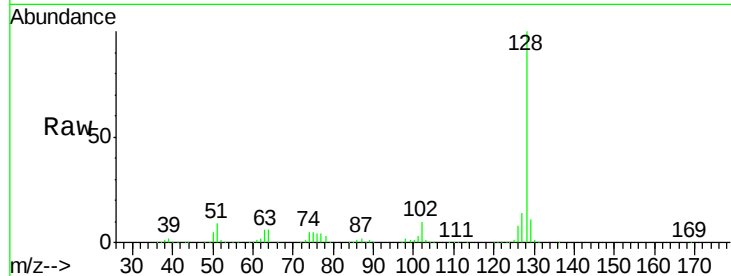




#31
Naphthalene
Concen: 38.461 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

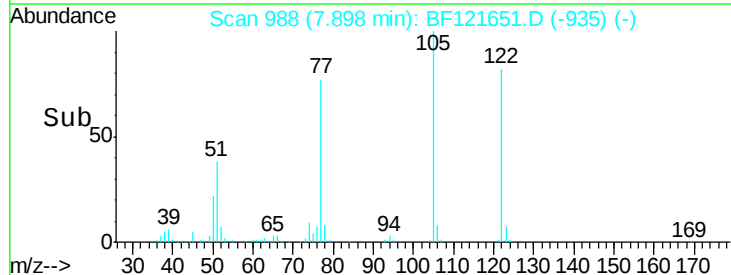
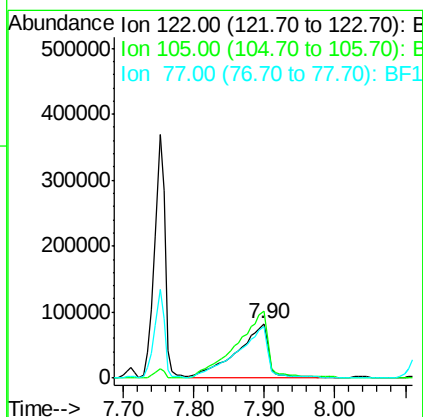
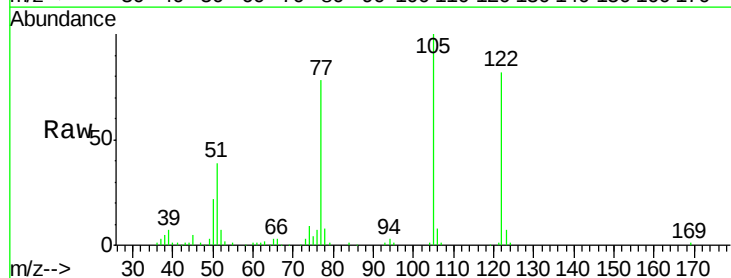
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

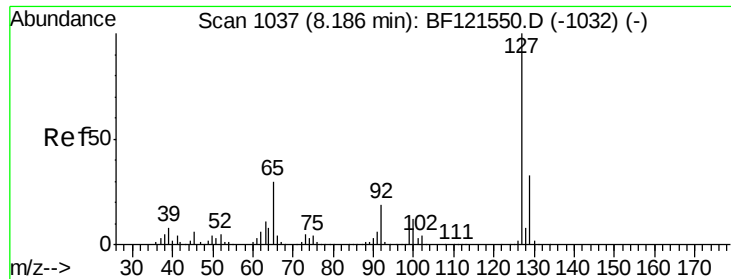
Tot Ion:128 Resp: 1197240
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 36.559 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion:122 Resp: 254963
Ion Ratio Lower Upper
122 100
105 122.3 101.9 141.9
77 95.8 69.0 109.0

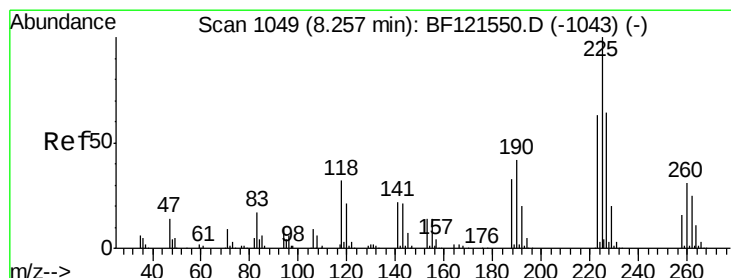
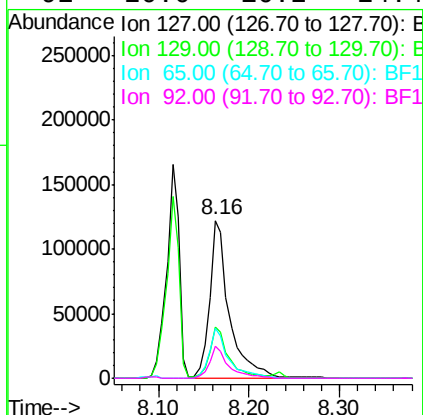
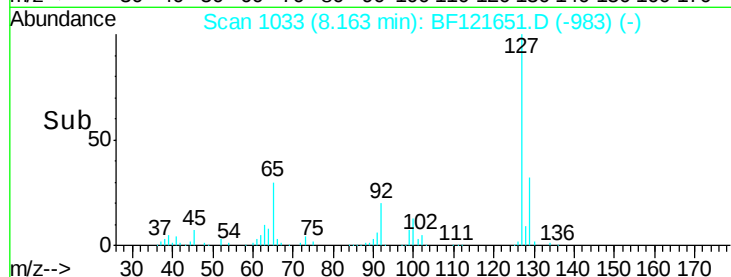
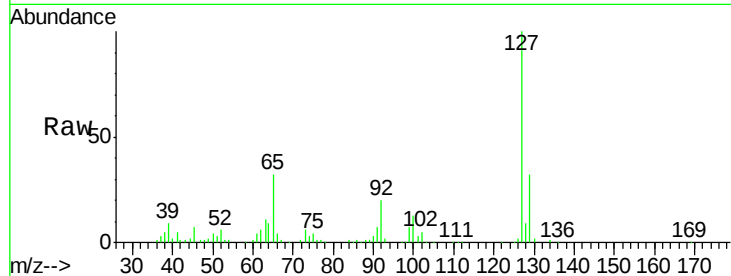




#33
4-Chloroaniline
Concen: 13.882 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

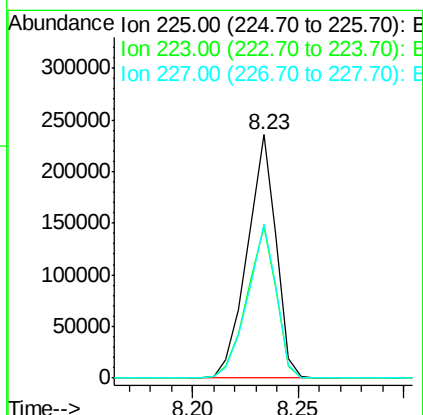
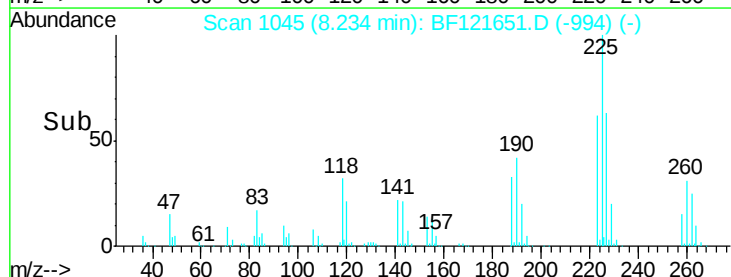
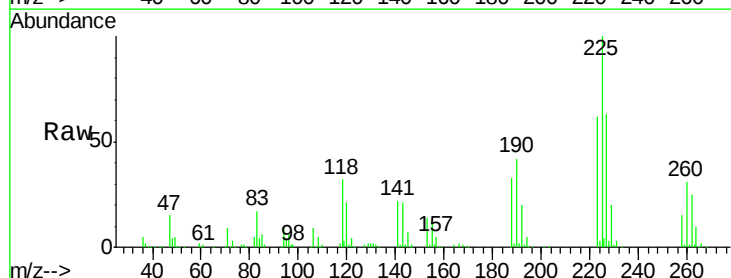
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

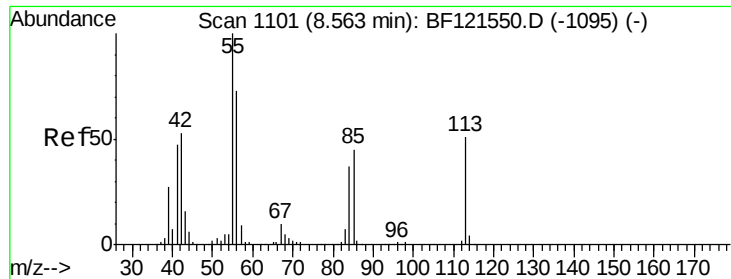
Tot Ion:	127	Resp:	187313
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	31.7	26.3	39.5
92	20.0	16.2	24.4



#34
Hexachlorobutadiene
Concen: 40.135 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion:	225	Resp:	223012
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.4	77.2
227	63.1	51.7	77.5





#35

Caprolactam

Concen: 21.918 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

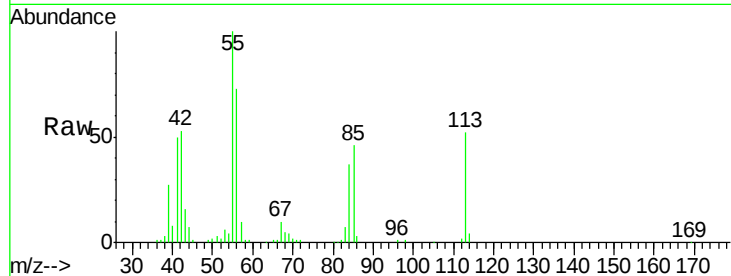
Tot Ion:113 Resp: 65607

Ion Ratio Lower Upper

113 100

55 190.7 166.3 206.3

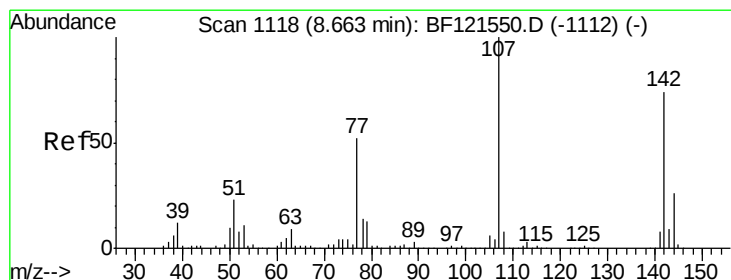
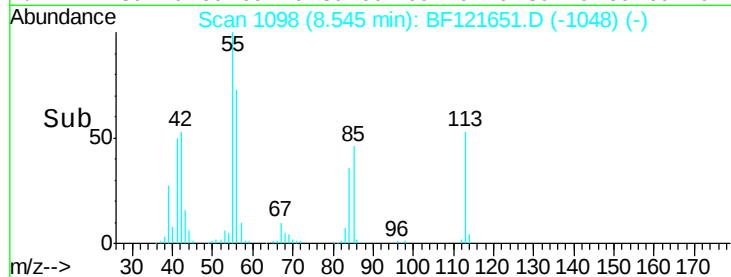
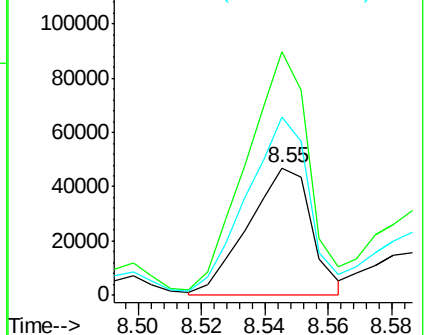
56 139.6 118.7 158.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.465 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

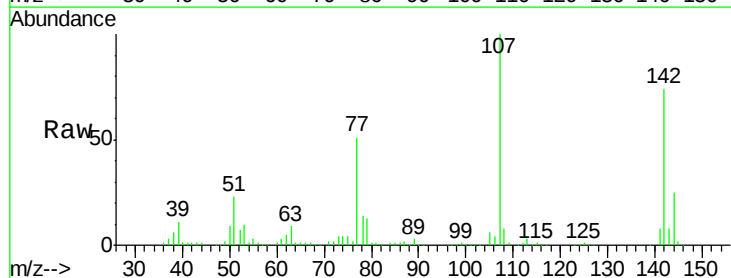
Tgt Ion:107 Resp: 401503

Ion Ratio Lower Upper

107 100

144 25.2 20.6 31.0

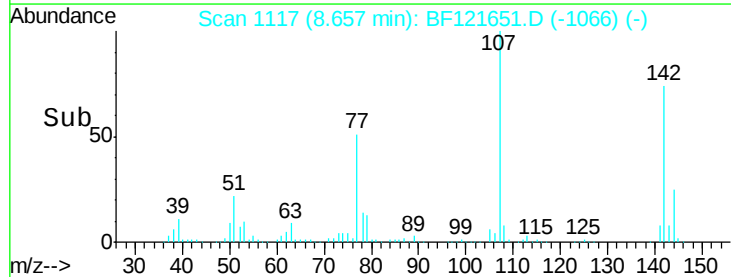
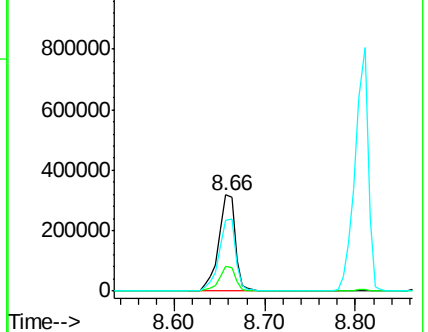
142 74.2 61.7 92.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.963 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

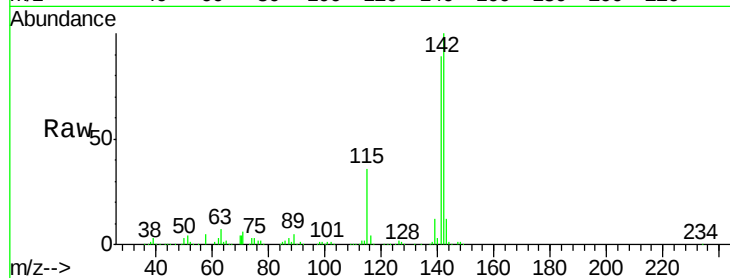
Tot Ion:142 Resp: 794847

Ion Ratio Lower Upper

142 100

141 89.5 72.2 108.2

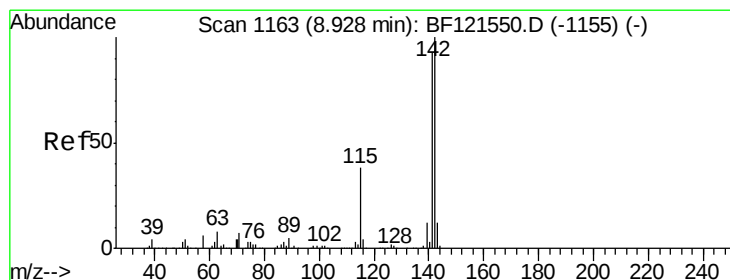
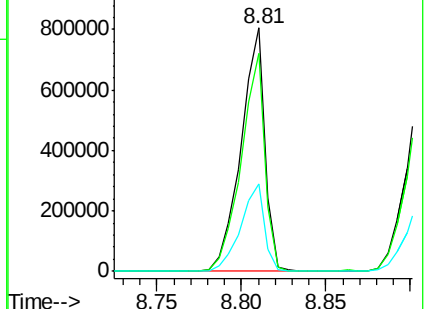
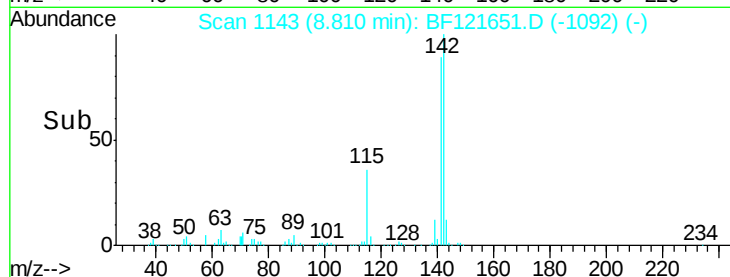
115 35.7 28.5 42.7



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: 39.288 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

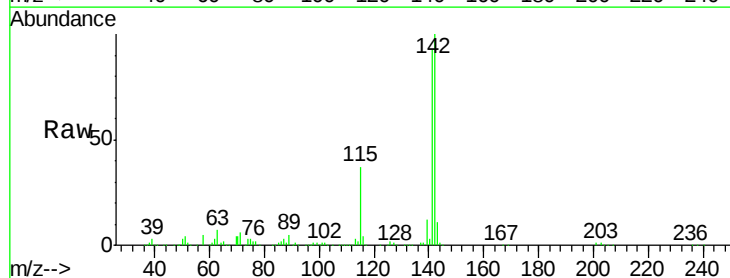
Tgt Ion:142 Resp: 745907

Ion Ratio Lower Upper

142 100

141 92.7 73.8 110.8

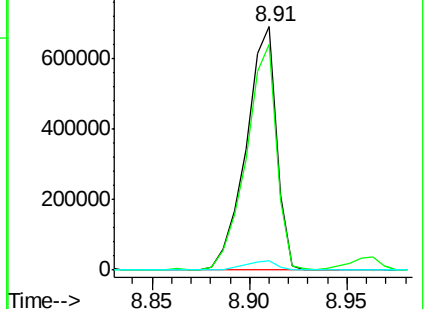
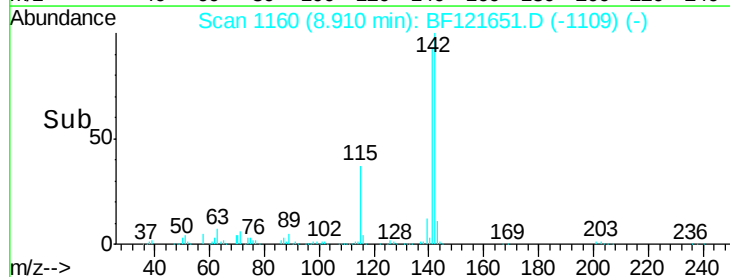
116 3.8 3.3 4.9



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

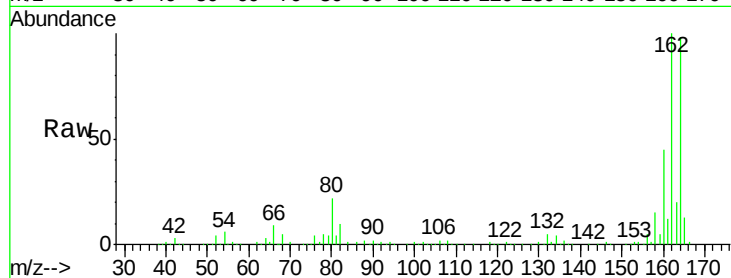
Tot Ion:164 Resp: 315303

Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

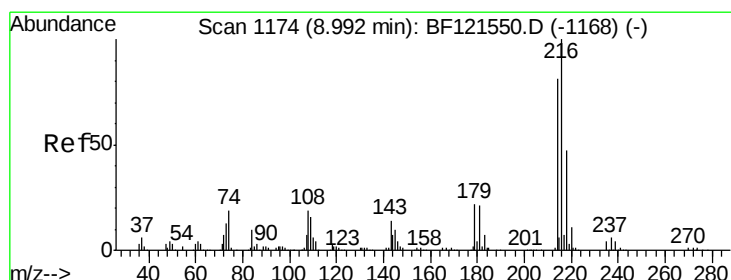
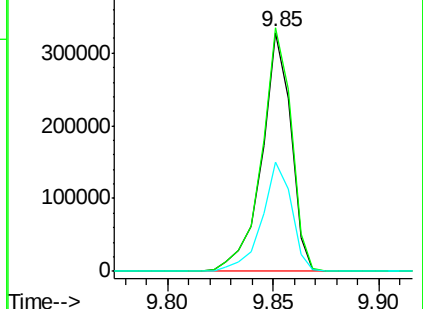
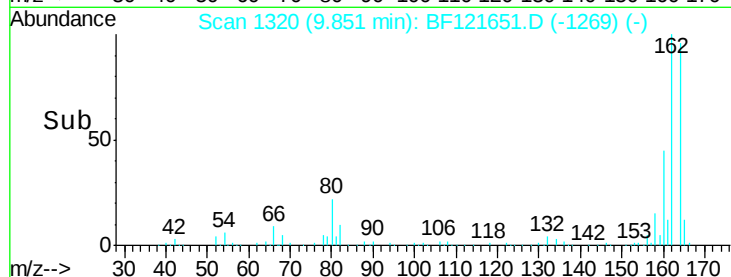
160 45.9 36.2 54.4



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: 37.924 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Tgt Ion:216 Resp: 373515

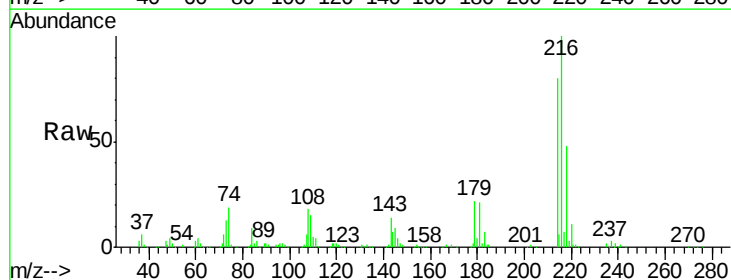
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 21.2 16.6 24.8

108 20.7 15.2 22.8

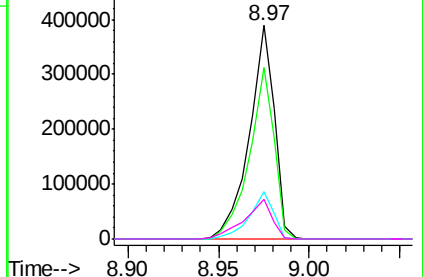
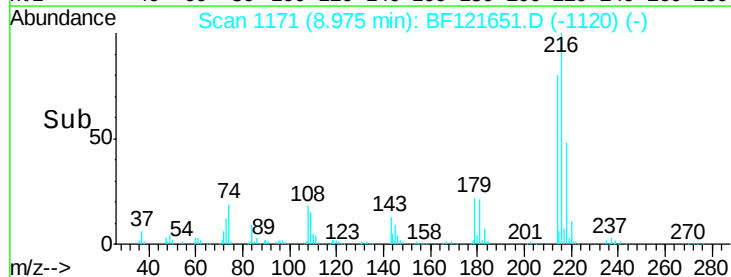


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.164 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

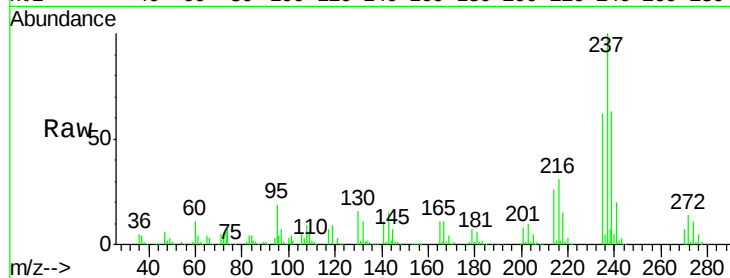
Tot Ion:237 Resp: 355270

Ion Ratio Lower Upper

237 100

235 62.2 43.4 83.4

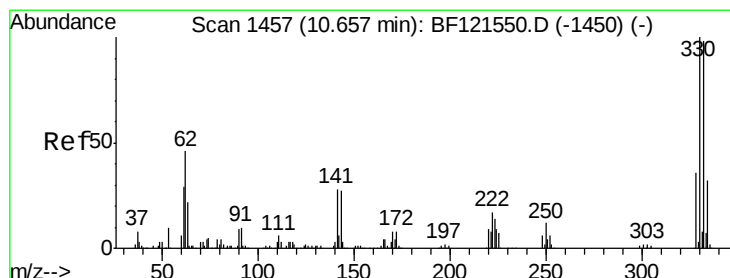
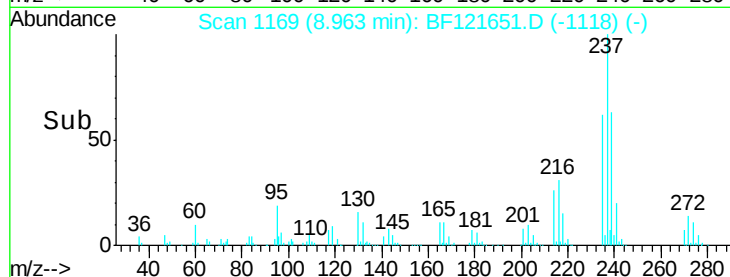
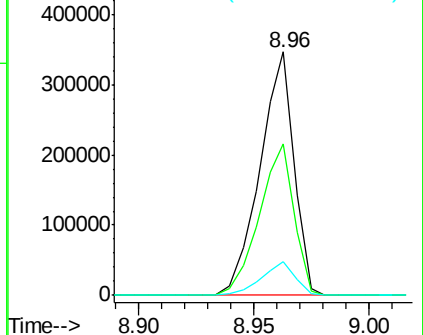
272 13.8 0.0 34.1



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: 93.968 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

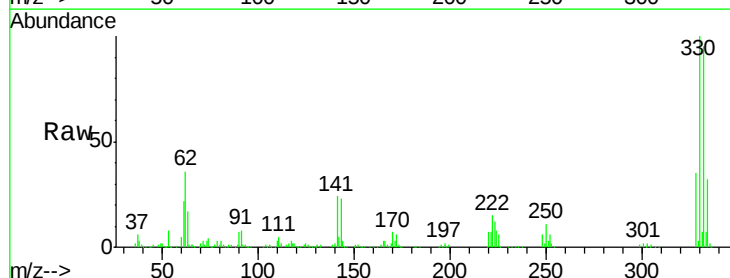
Tgt Ion:330 Resp: 368242

Ion Ratio Lower Upper

330 100

332 95.8 76.9 115.3

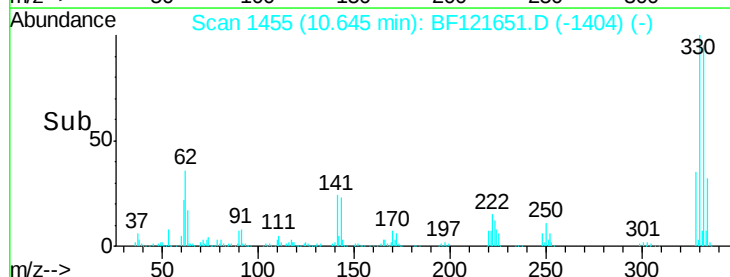
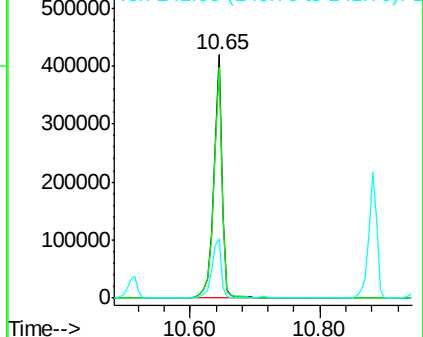
141 28.2 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

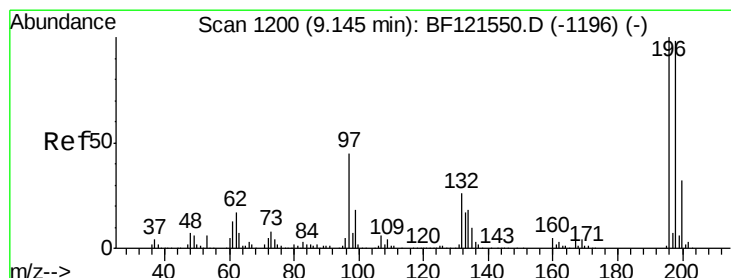
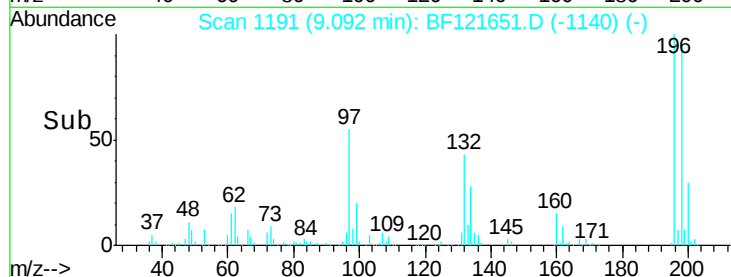
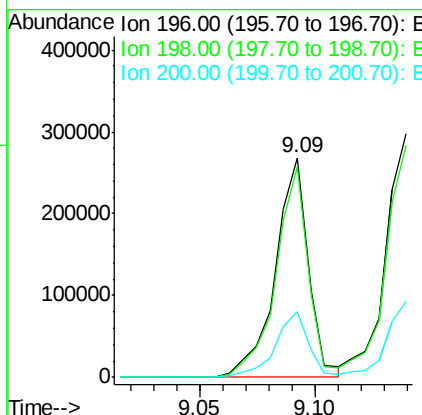
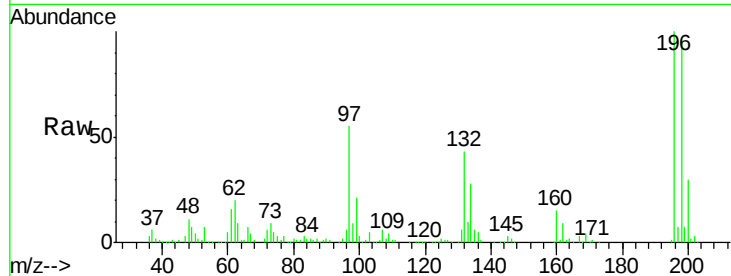




#43
 2,4,6-Trichlorophenol
 Concen: 39.503 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

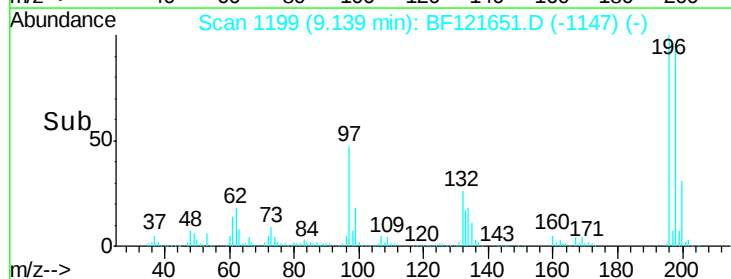
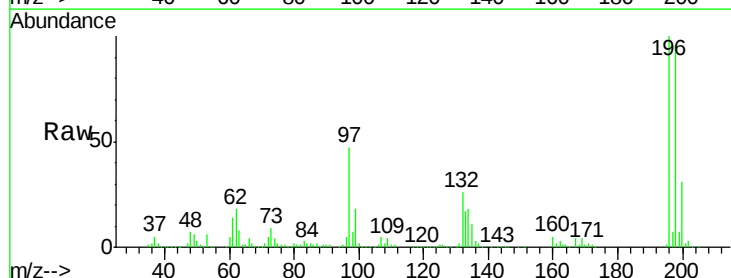
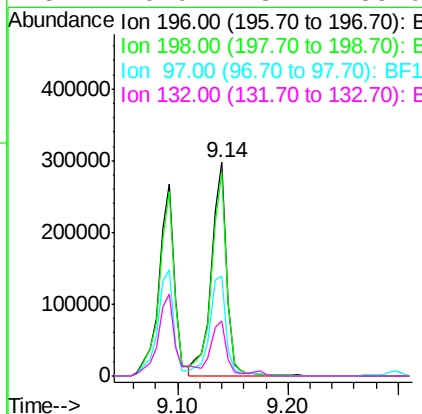
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

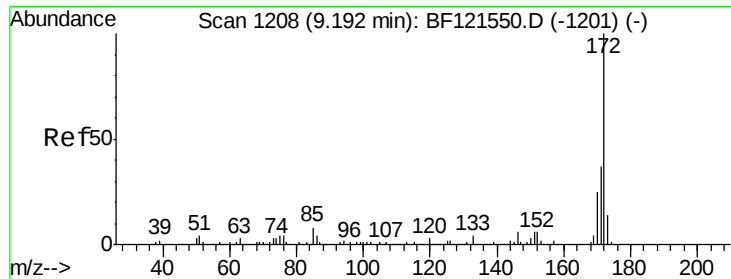
Tot Ion	196	Resp	265192
Ion Ratio	100		
Lower	75.4		
Upper	113.2		
198	95.8		
200	30.1		



#44
 2,4,5-Trichlorophenol
 Concen: 39.468 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion	196	Resp	280106
Ion Ratio	100		
Lower	74.3		
Upper	111.5		
198	95.5		
97	46.5		
132	26.0		

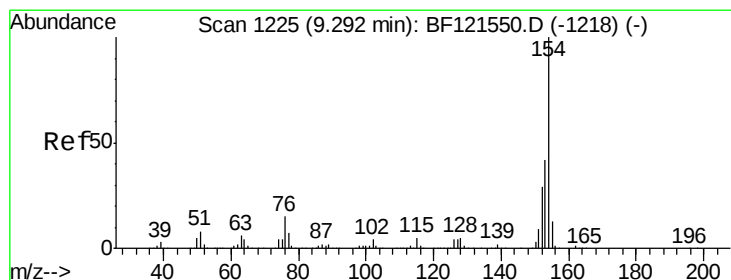
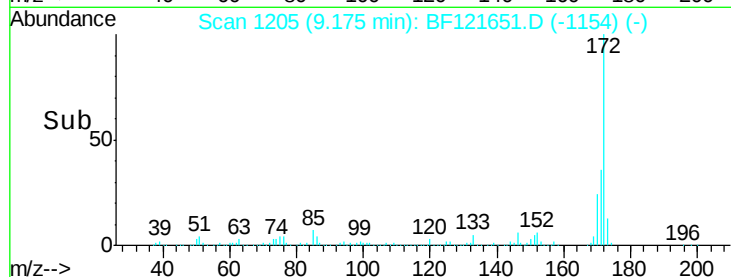
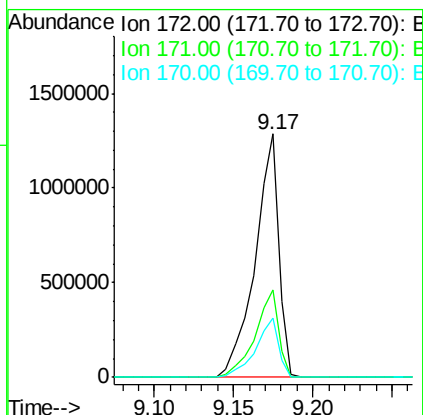
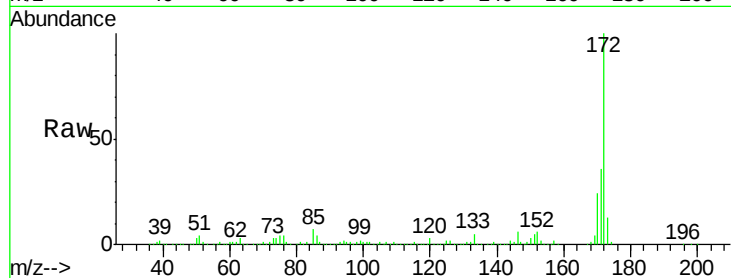




#45
 2-Fluorobiphenyl
 Concen: 64.410 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

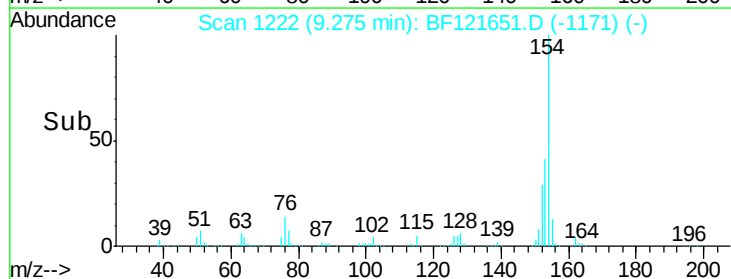
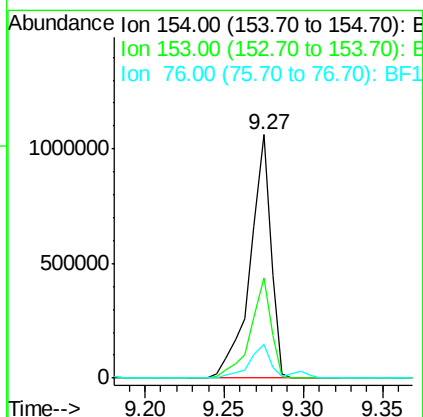
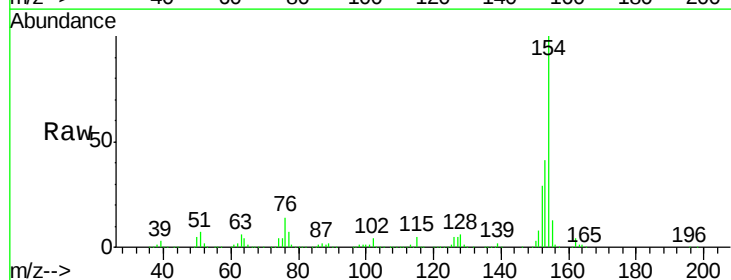
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

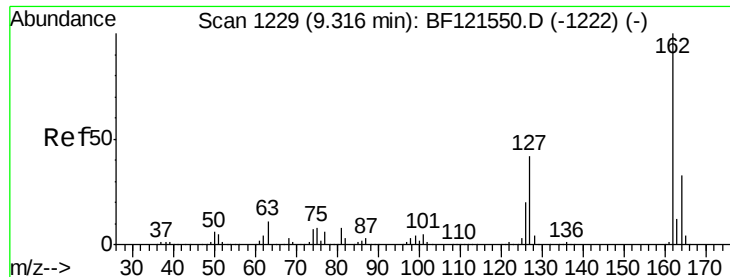
Tot Ion:172 Resp: 1340928
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 24.4 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 38.106 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion:154 Resp: 961864
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.1 61.1
 76 14.0 0.0 34.1

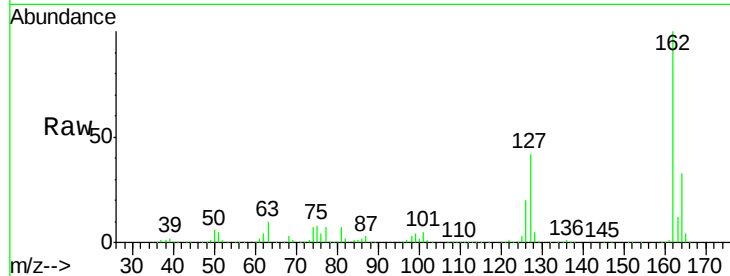




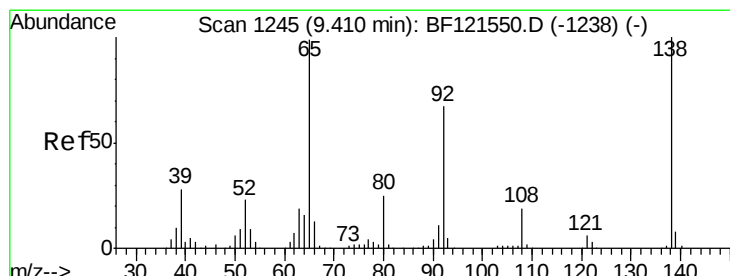
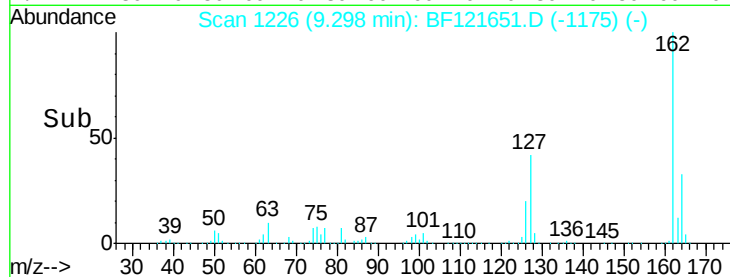
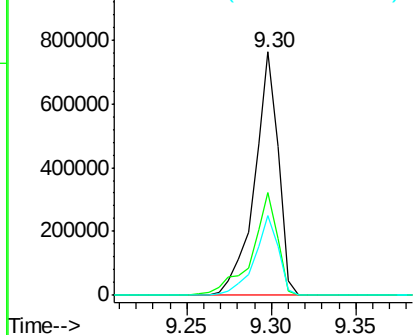
#47
2-Chloronaphthalene
Concen: 37.623 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion:162 Resp: 748367
Ion Ratio Lower Upper
162 100
127 42.2 34.2 51.4
164 32.8 27.0 40.4

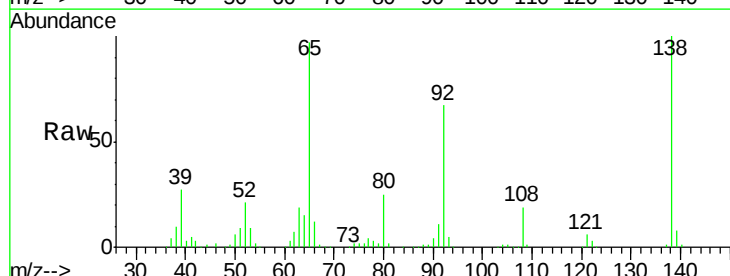


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

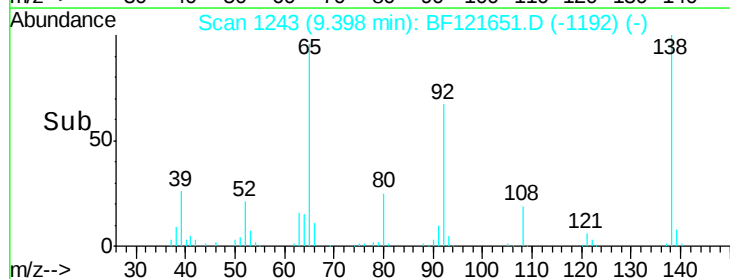
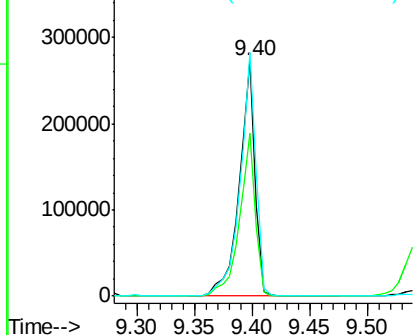


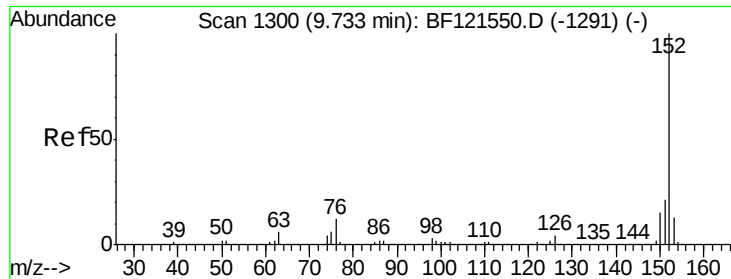
#48
2-Nitroaniline
Concen: 41.723 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion: 65 Resp: 257901
Ion Ratio Lower Upper
65 100
92 69.1 56.0 84.0
138 103.5 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: 39.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

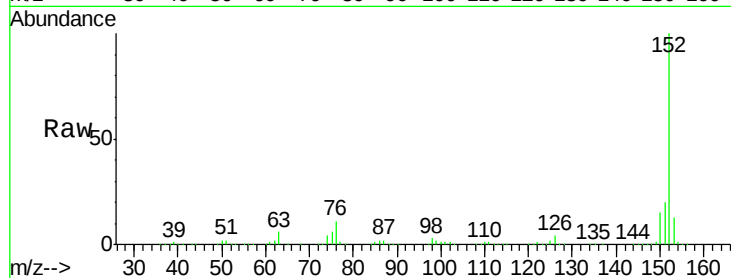
BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion:152 Resp: 1191926

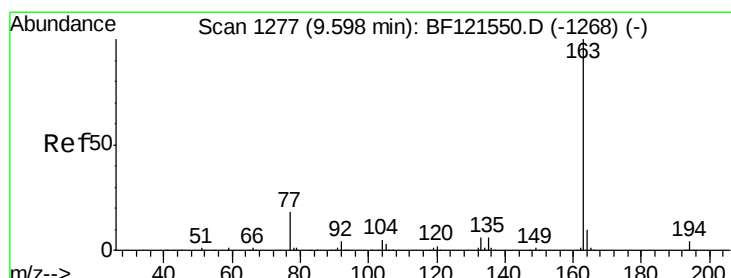
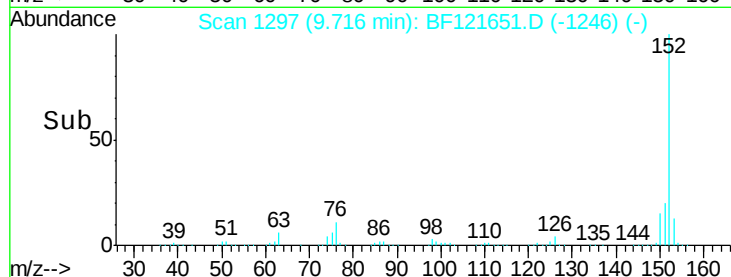
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.4	10.7	16.1



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: 45.932 ng

RT: 9.58 min Scan# 1274

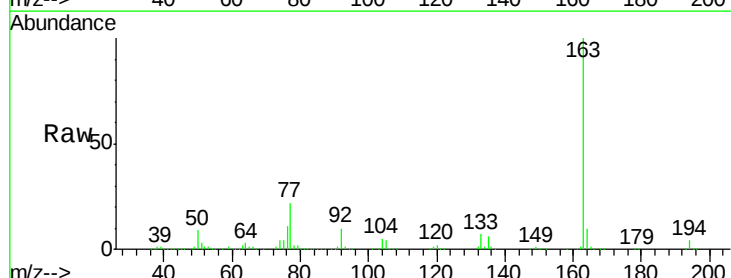
Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Tgt Ion:163 Resp: 1049669

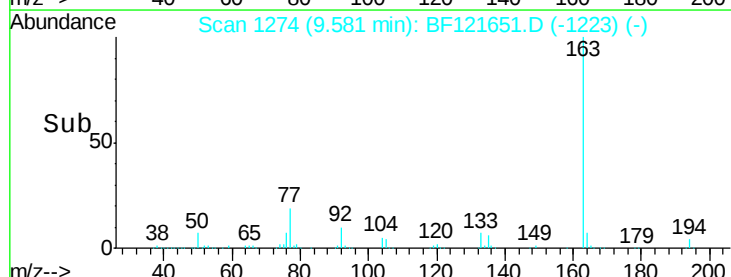
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.0	12.0

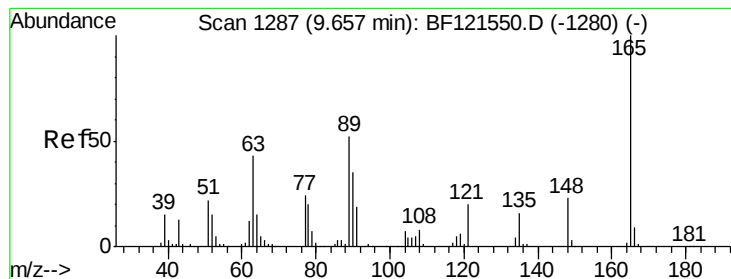


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.403 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

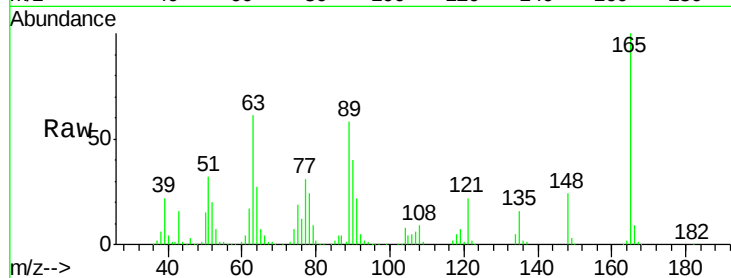
Tot Ion:165 Resp: 206371

Ion Ratio Lower Upper

165 100

63 60.7 47.6 71.4

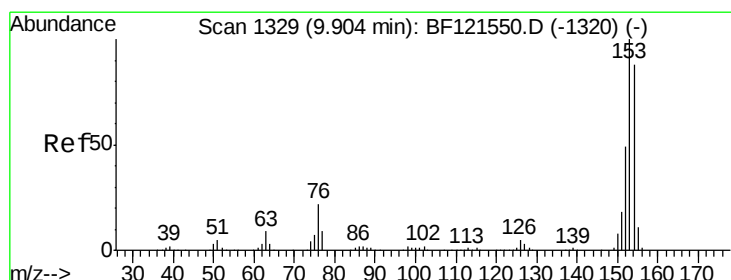
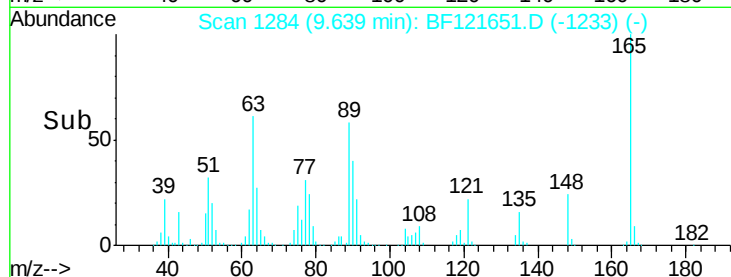
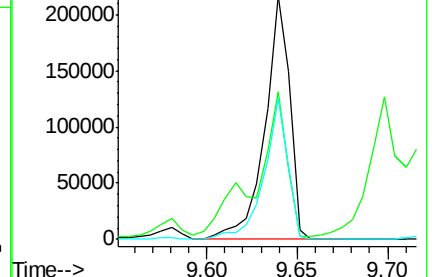
89 58.1 46.0 69.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.701 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

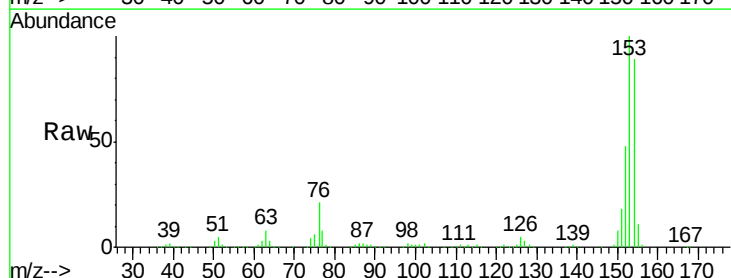
Tgt Ion:154 Resp: 708457

Ion Ratio Lower Upper

154 100

153 112.3 89.9 134.9

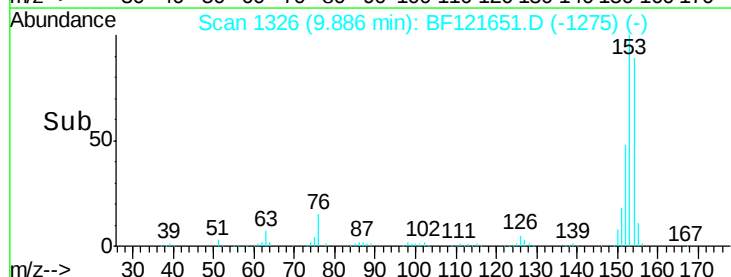
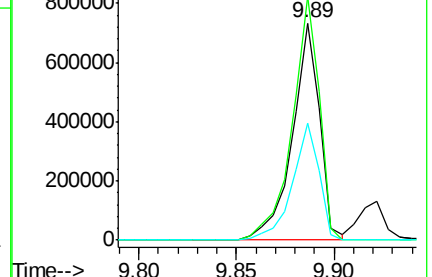
152 53.9 43.8 65.6

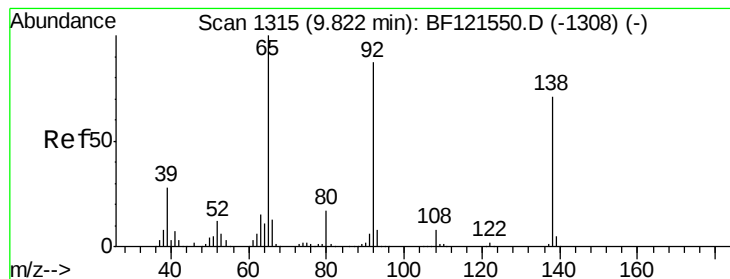


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 20.364 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

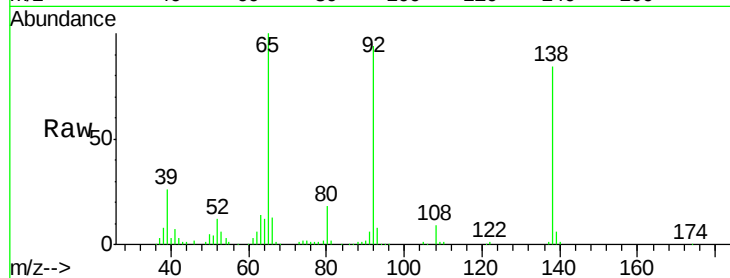
Tot Ion:138 Resp: 114813

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

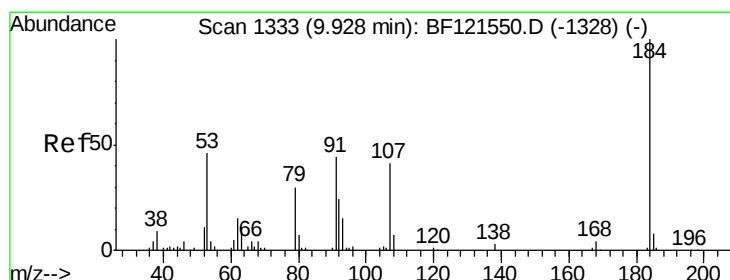
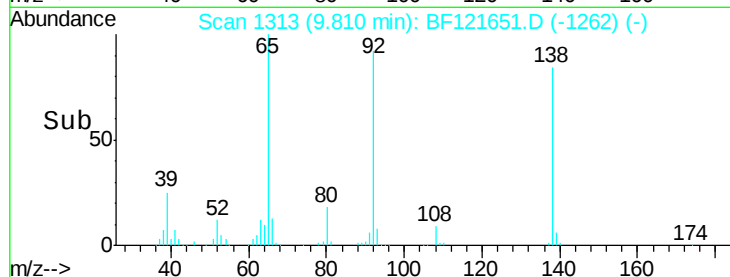
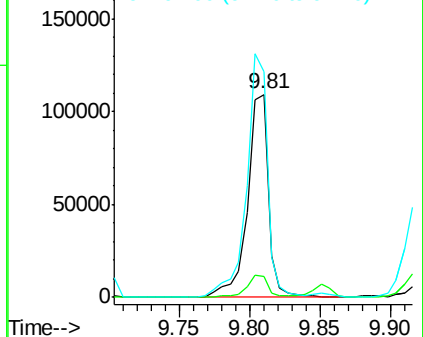
92 111.1 96.5 144.7



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: 77.672 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

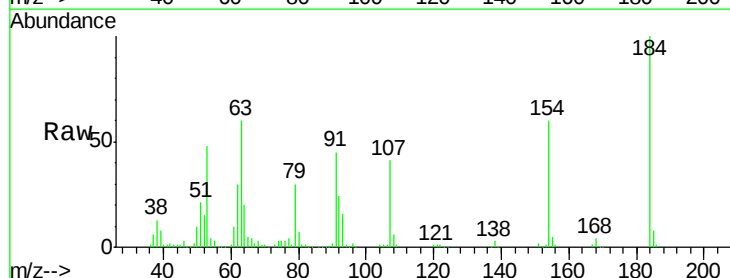
Tgt Ion:184 Resp: 217196

Ion Ratio Lower Upper

184 100

63 59.6 51.5 77.3

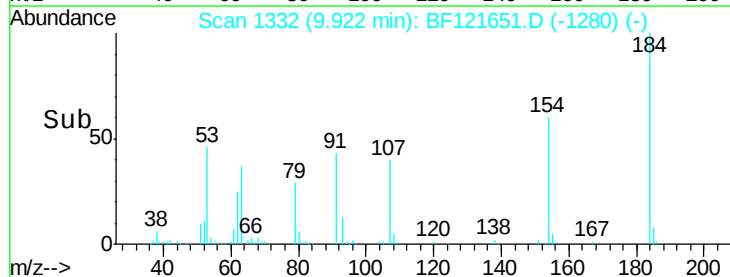
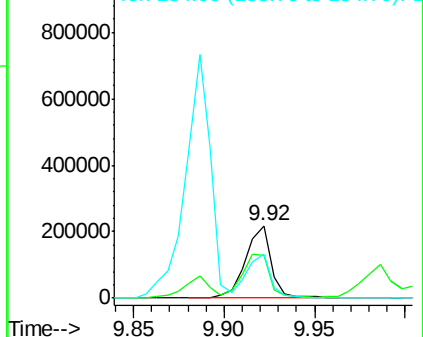
154 59.7 46.6 70.0

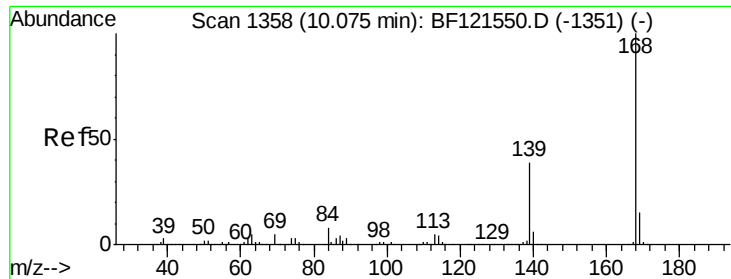


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

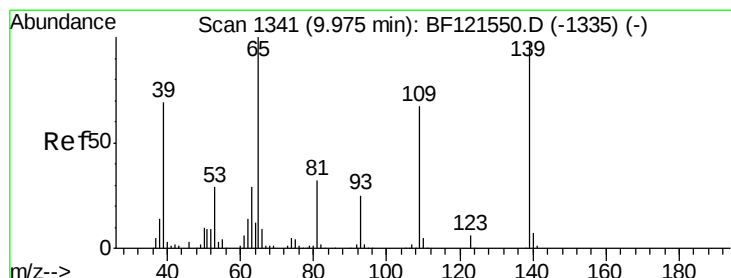
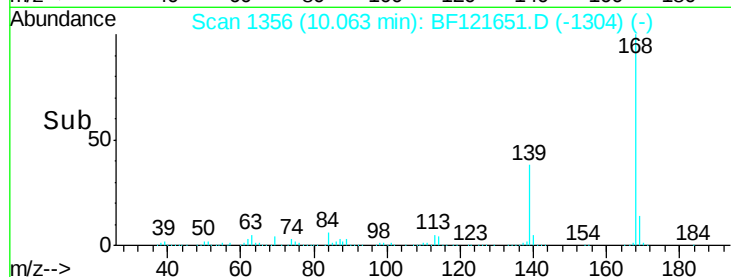
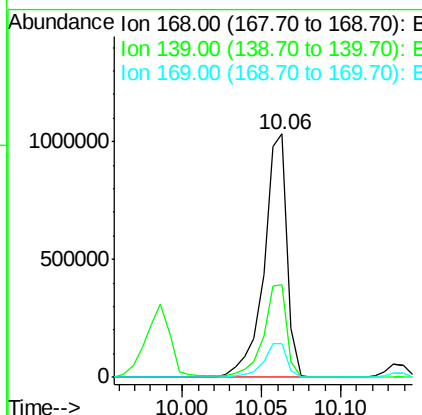
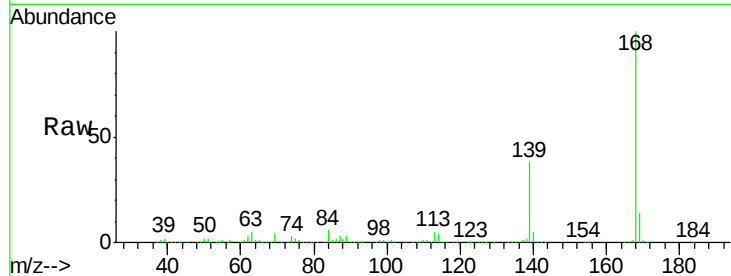




#55
Dibenzofuran
Concen: 38.641 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

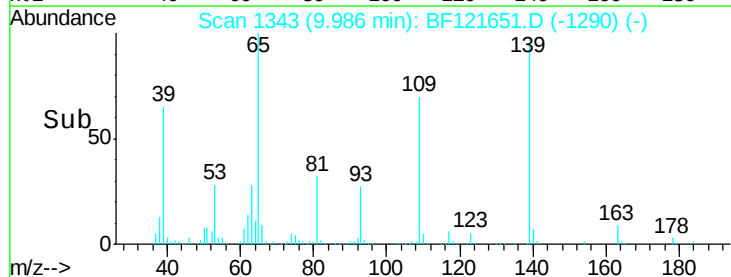
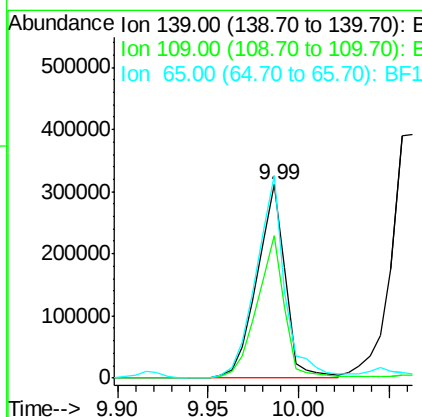
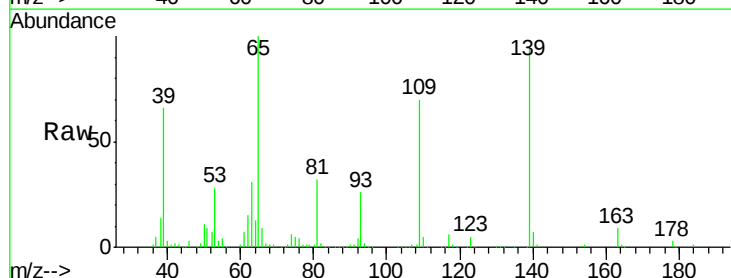
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

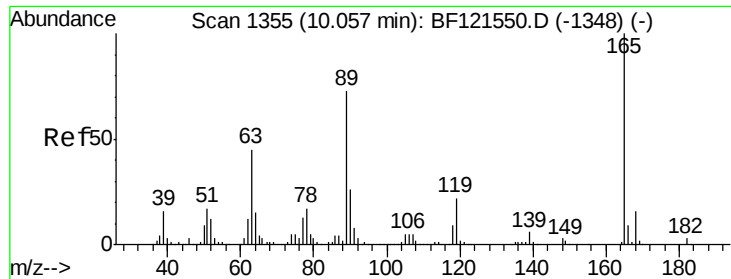
Tot Ion:168 Resp: 1050445
Ion Ratio Lower Upper
168 100
139 37.9 31.8 47.8
169 14.1 11.6 17.4



#56
4-Nitrophenol
Concen: 75.583 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion:139 Resp: 339842
Ion Ratio Lower Upper
139 100
109 73.6 48.1 88.1
65 105.0 74.7 114.7

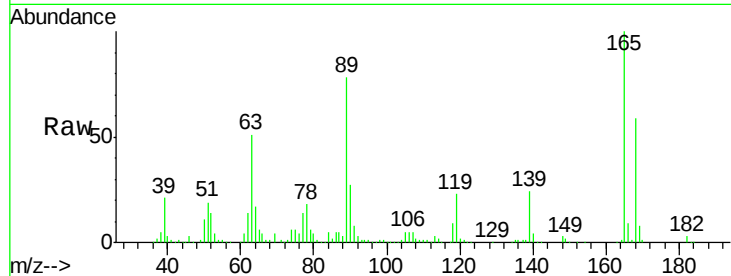




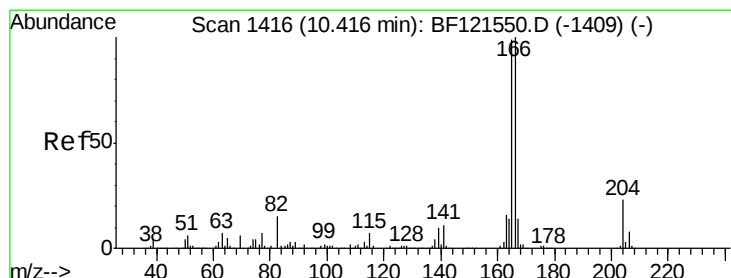
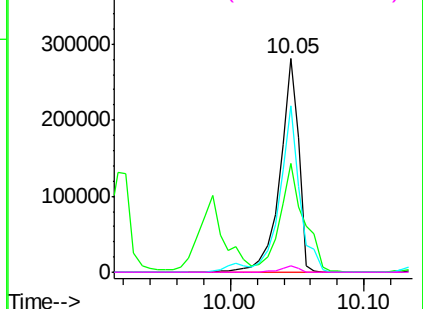
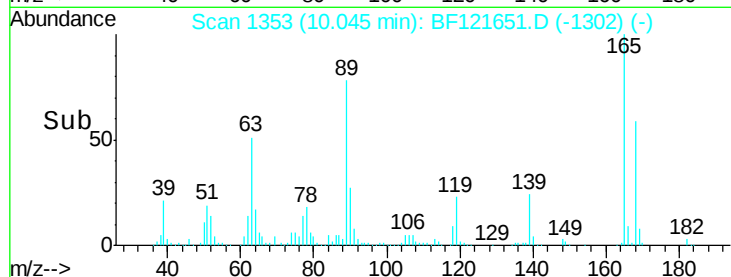
#57
 2,4-Dinitrotoluene
 Concen: 45.249 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

Tot Ion:165 Resp: 277050
 Ion Ratio Lower Upper
 165 100
 63 51.0 36.7 55.1
 89 77.8 57.7 86.5
 182 2.8 2.1 3.1

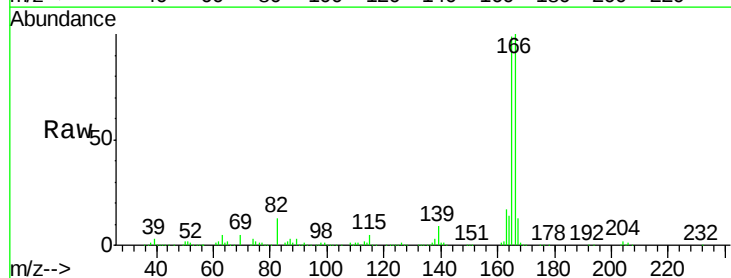


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

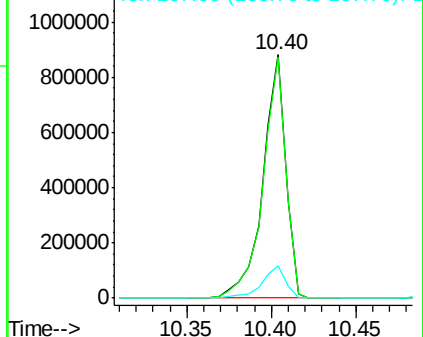
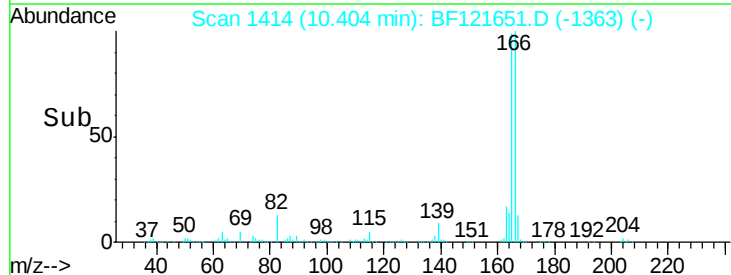


#58
 Fluorene
 Concen: 39.713 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion:166 Resp: 825589
 Ion Ratio Lower Upper
 166 100
 165 98.9 80.1 120.1
 167 13.1 10.8 16.2



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: 40.816 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion:232 Resp: 235494

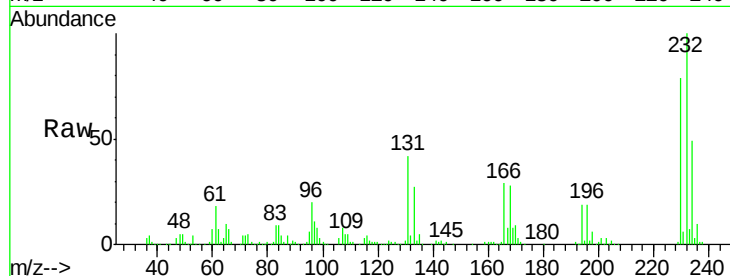
Ion Ratio Lower Upper

232 100

131 42.5 35.1 52.7

130 2.2 1.6 2.4

166 29.5 23.3 34.9

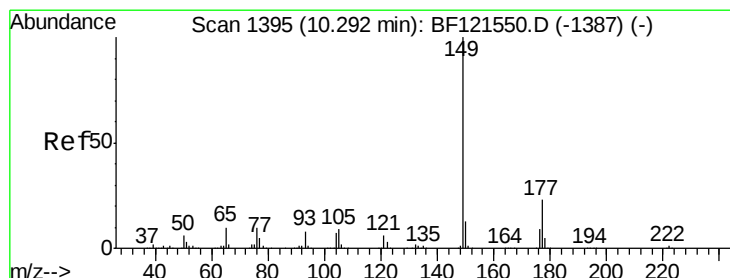
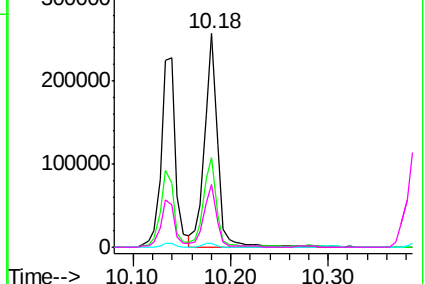
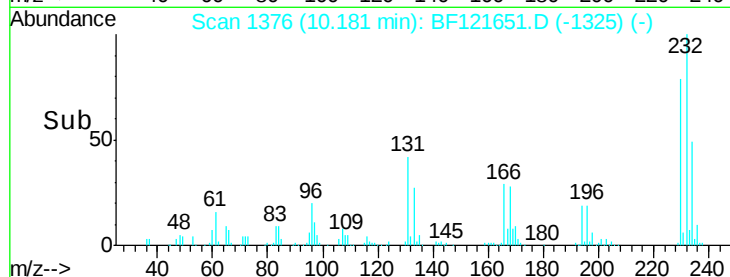


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.193 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

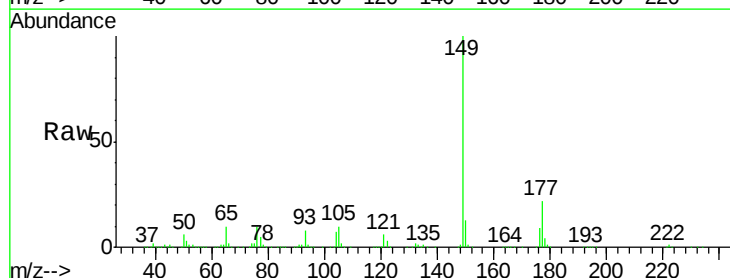
Tgt Ion:149 Resp: 895535

Ion Ratio Lower Upper

149 100

177 22.5 18.1 27.1

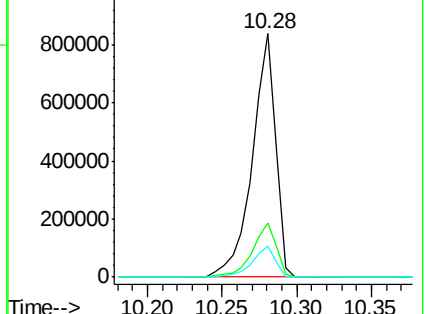
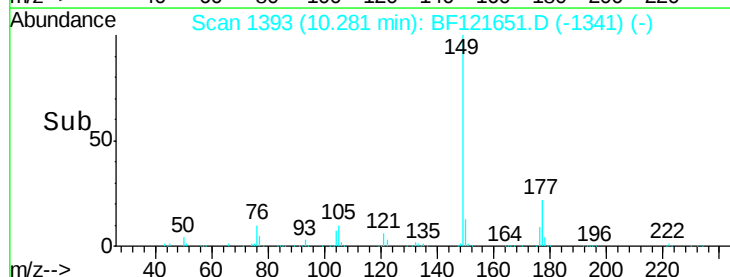
150 12.8 9.8 14.8

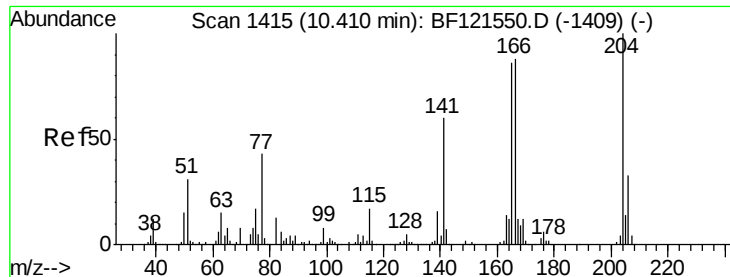


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 39.658 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

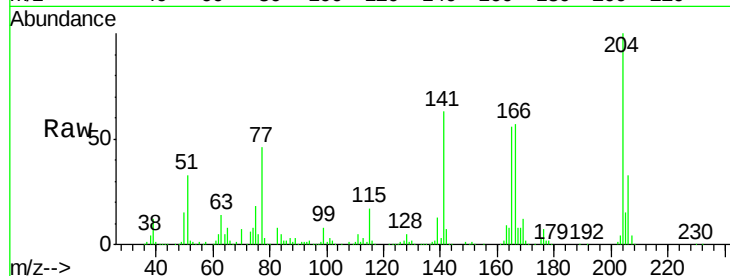
Tot Ion:204 Resp: 394937

Ion Ratio Lower Upper

204 100

206 33.4 26.7 40.1

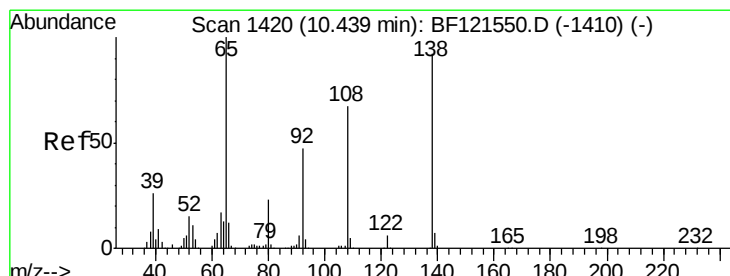
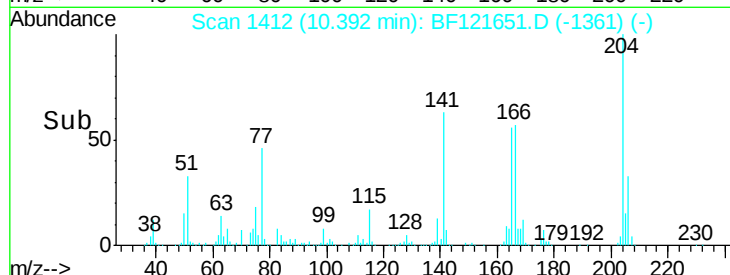
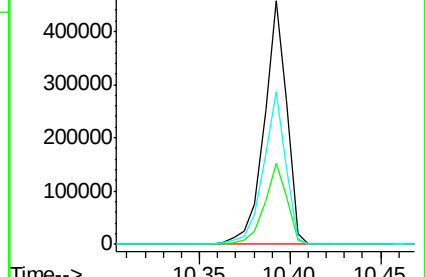
141 62.9 50.4 75.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 36.443 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

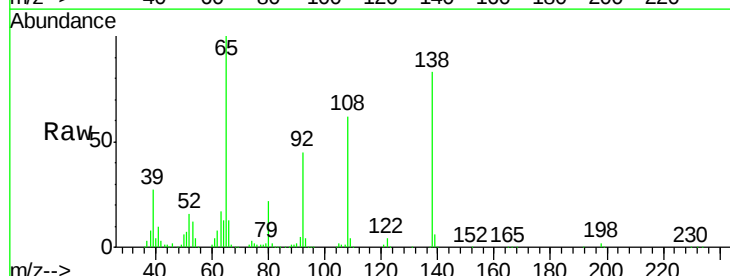
Tgt Ion:138 Resp: 204004

Ion Ratio Lower Upper

138 100

92 53.9 34.8 74.8

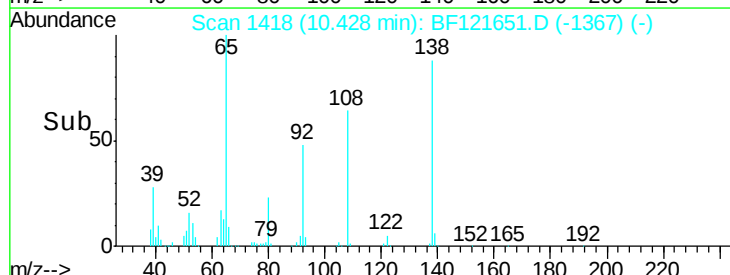
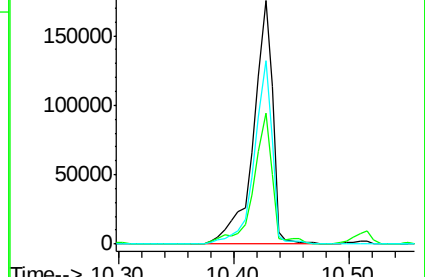
108 75.2 55.5 95.5

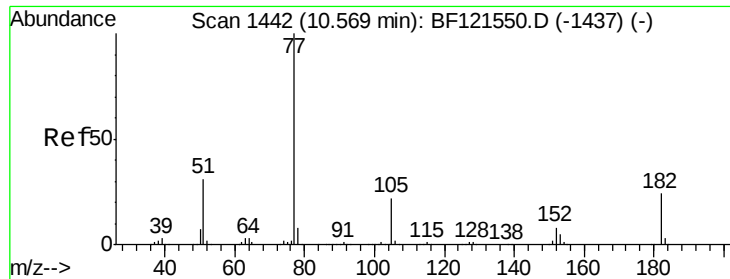


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.799 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion: 77 Resp: 896875

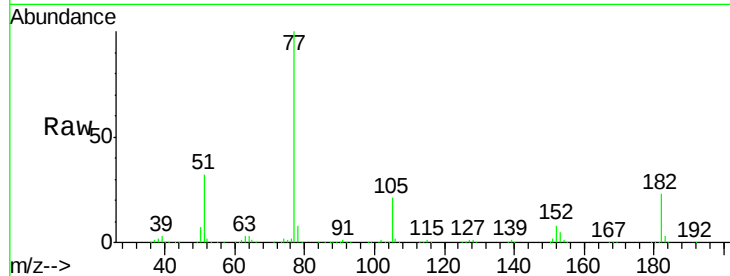
Ion Ratio Lower Upper

77 100

182 23.3 6.8 46.8

105 21.5 2.2 42.2

51 31.6 10.7 50.7

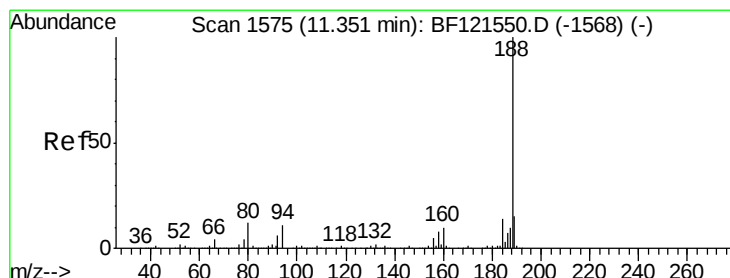
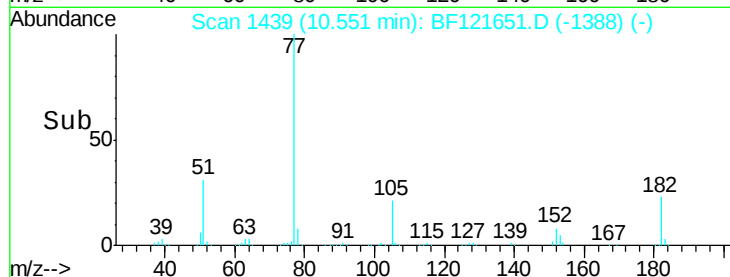
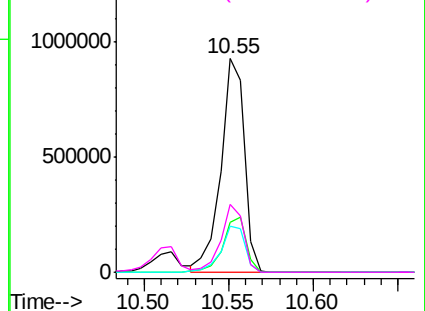


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

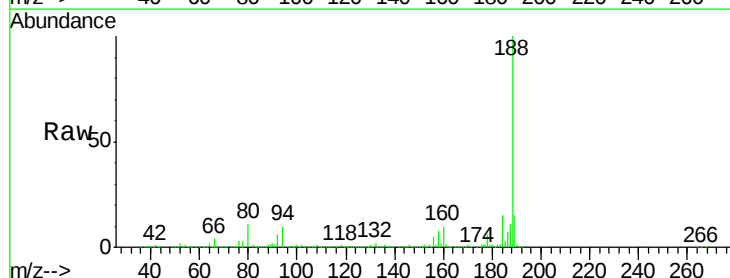
Tgt Ion: 188 Resp: 596937

Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

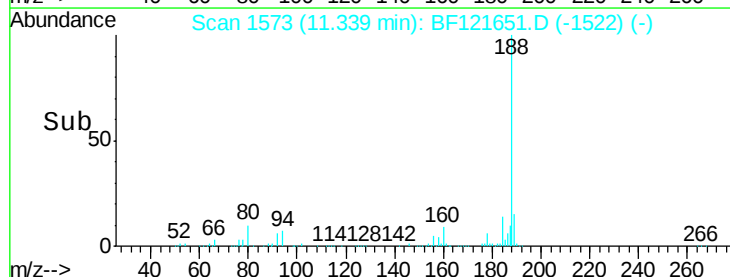
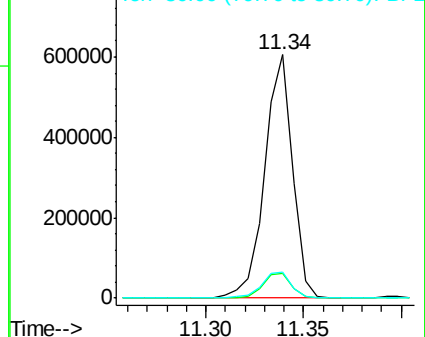
80 10.6 9.0 13.4

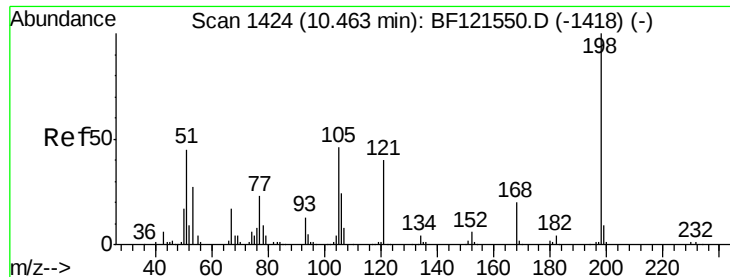


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

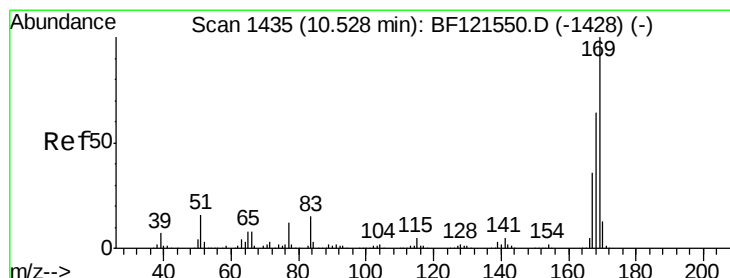
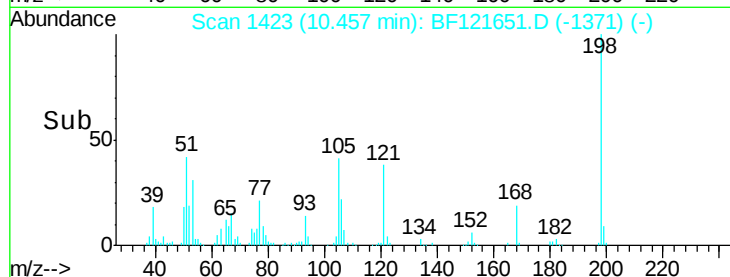
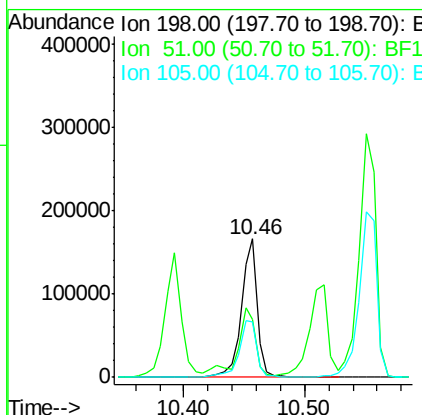
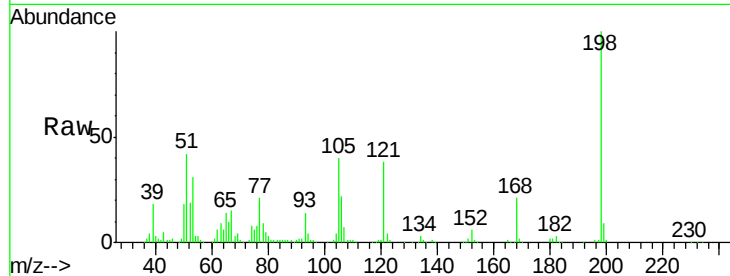




#65
4,6-Dinitro-2-methylphenol
Concen: 42.728 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

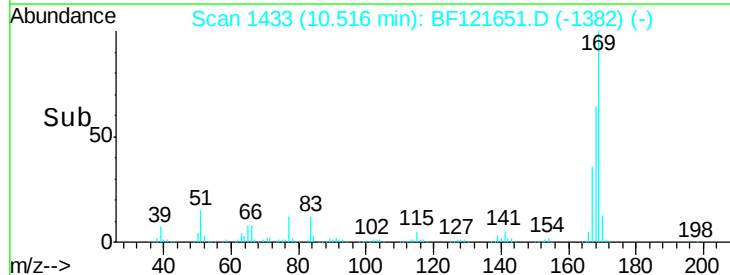
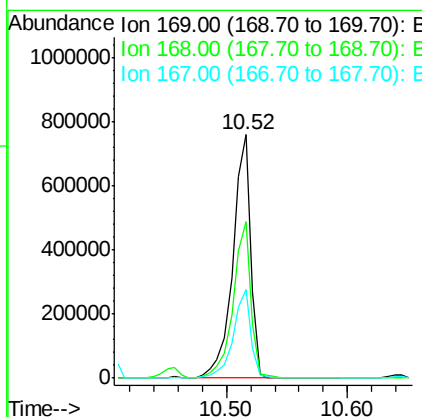
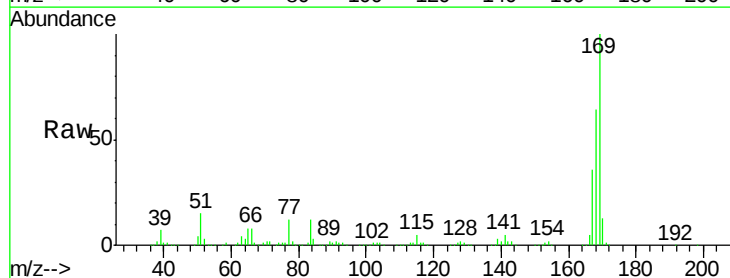
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

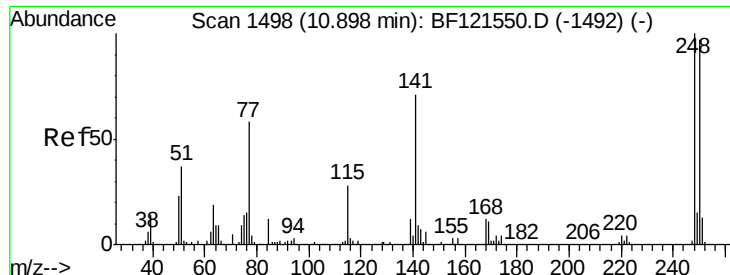
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.9	20.3	60.3
105	40.4	20.2	60.2



#66
n-Nitrosodiphenylamine
Concen: 38.010 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.1	51.8	77.8
167	36.3	28.4	42.6

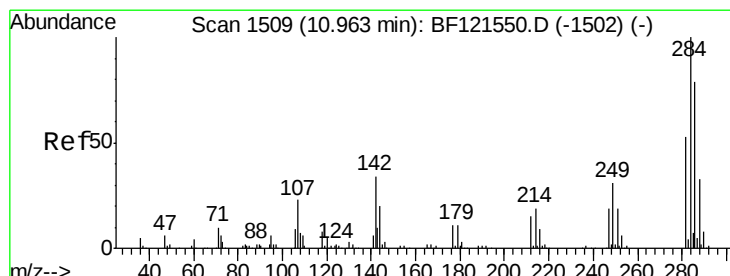
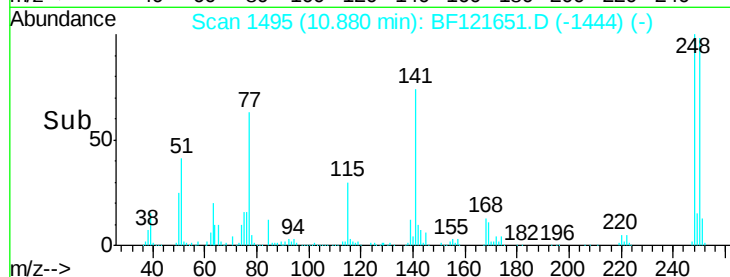
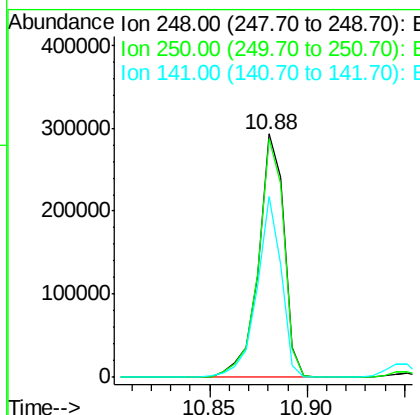
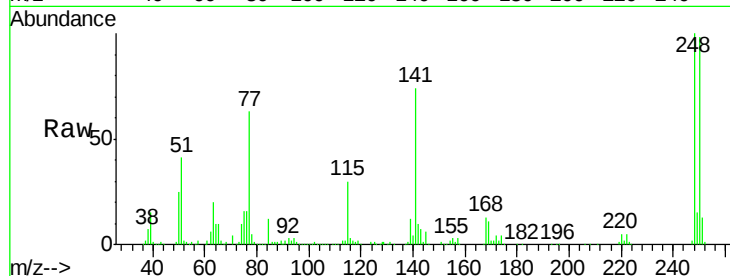




#67
 4-Bromophenyl-phenylether
 Concen: 39.170 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

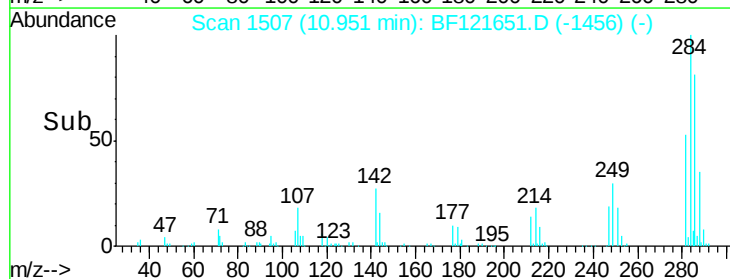
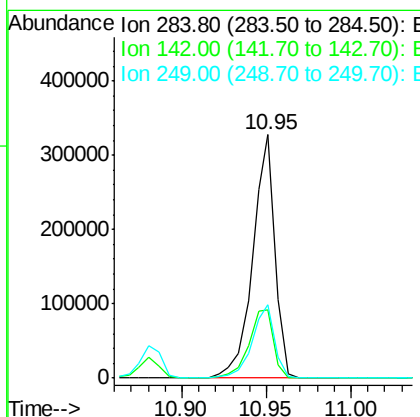
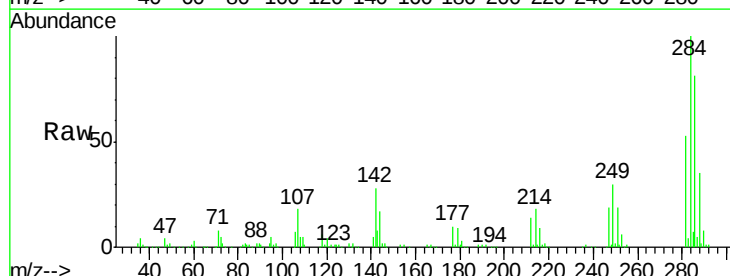
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

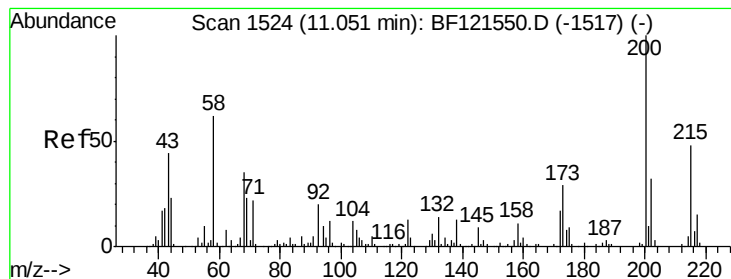
Tot Ion:248 Resp: 266212
 Ion Ratio Lower Upper
 248 100
 250 97.9 79.4 119.0
 141 74.2 52.2 78.4



#68
 Hexachlorobenzene
 Concen: 39.300 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion:284 Resp: 301428
 Ion Ratio Lower Upper
 284 100
 142 27.8 24.0 36.0
 249 30.1 23.9 35.9





#69

Atrazine

Concen: 37.600 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

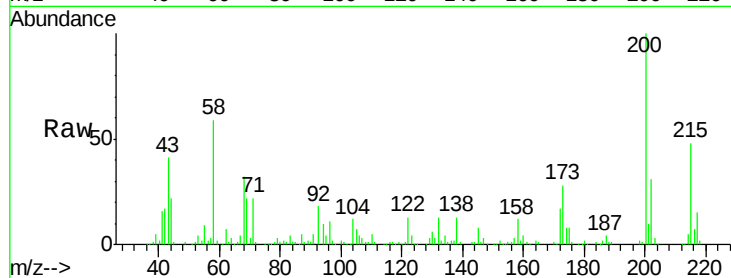
Tot Ion:200 Resp: 191309

Ion Ratio Lower Upper

200 100

173 27.7 6.0 46.0

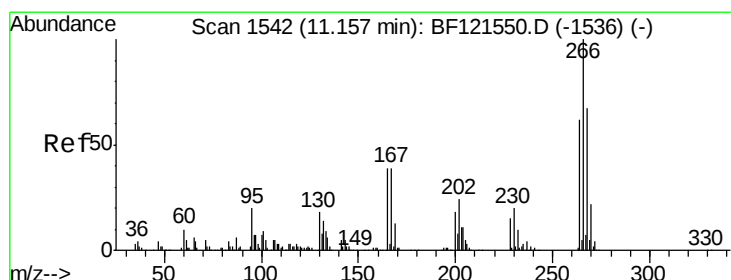
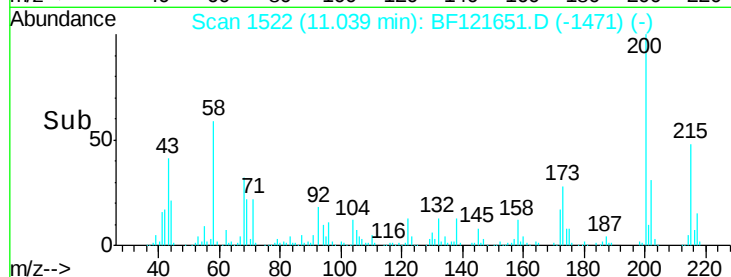
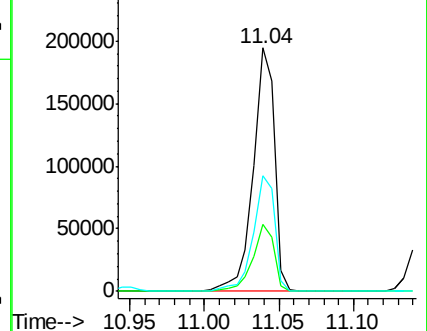
215 47.5 28.4 68.4



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: 76.273 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

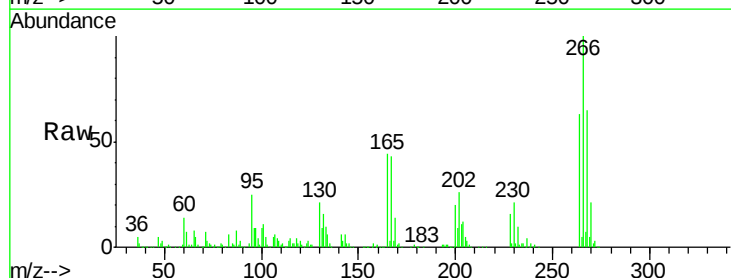
Tgt Ion:266 Resp: 321279

Ion Ratio Lower Upper

266 100

268 65.4 54.6 81.8

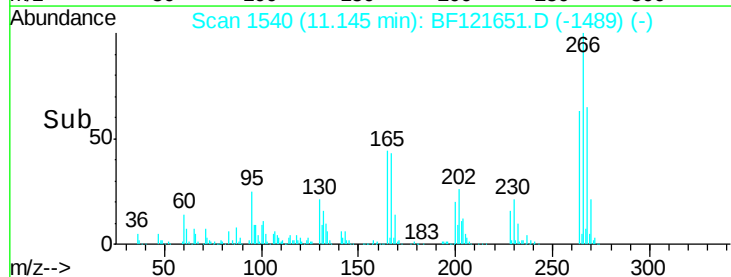
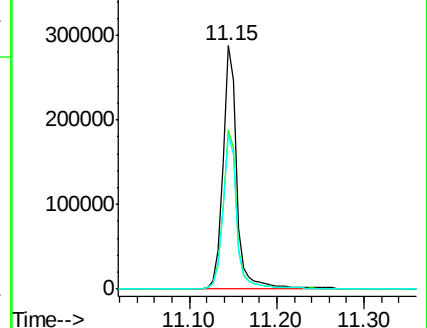
264 63.2 51.1 76.7



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

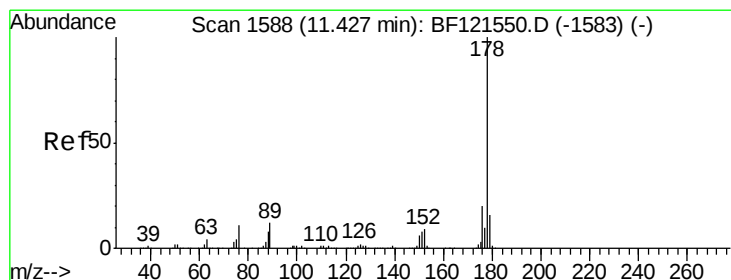
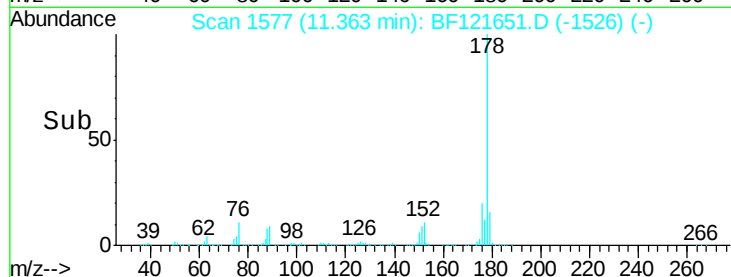
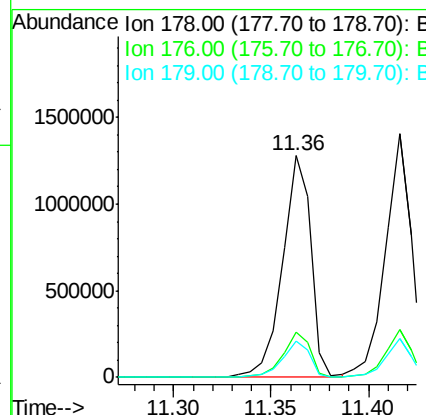
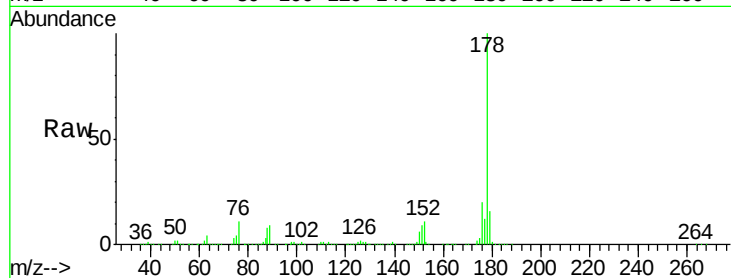




#71
Phenanthrene
Concen: 39.587 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

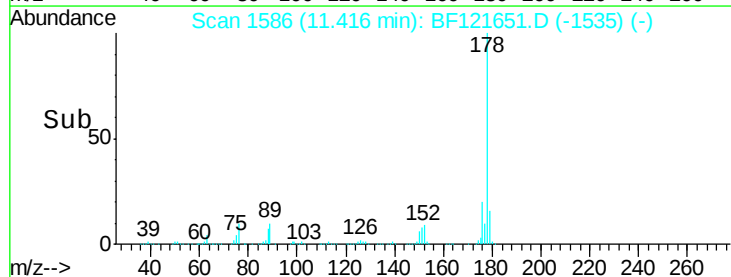
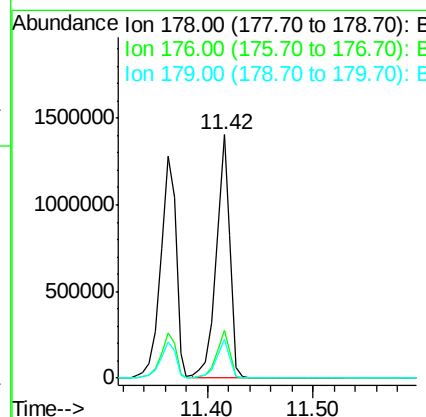
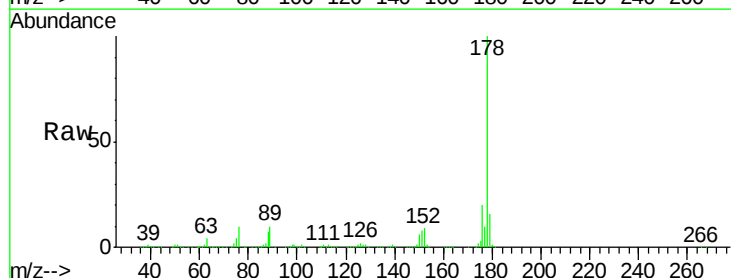
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

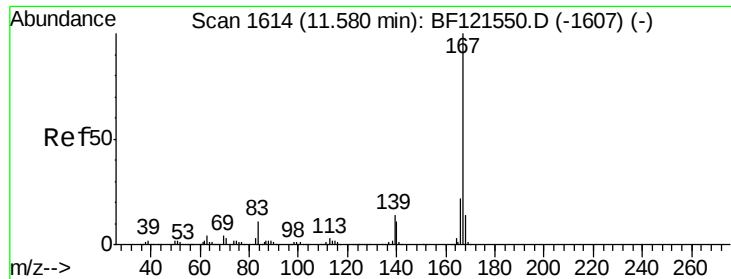
Tot Ion:178 Resp: 1287525
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.2 12.6 18.8



#72
Anthracene
Concen: 38.194 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion:178 Resp: 1281891
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.9 12.6 19.0

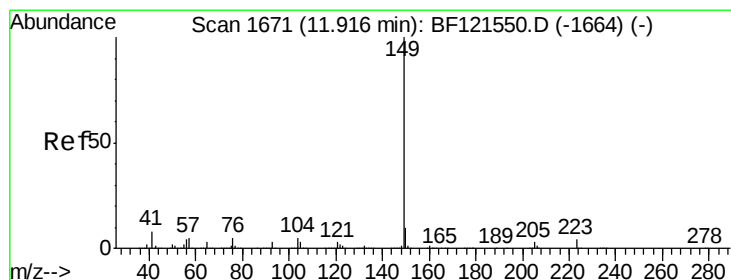
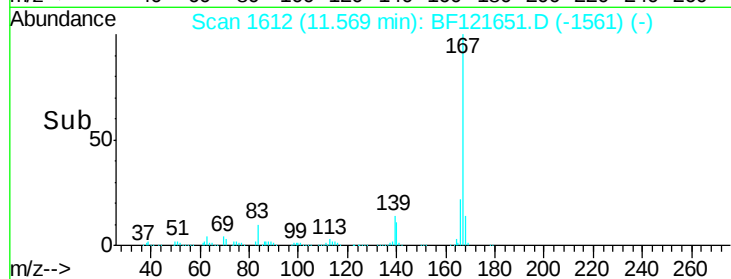
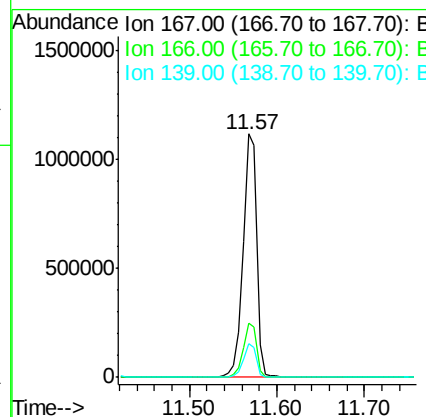
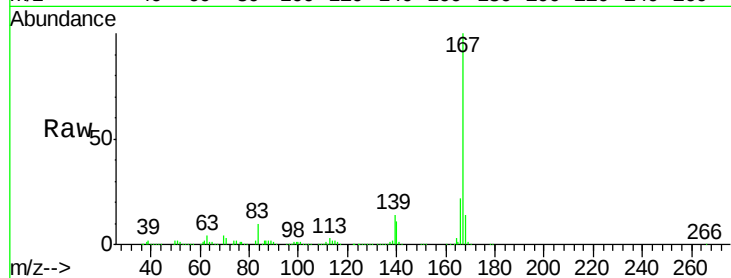




#73
 Carbazole
 Concen: 38.325 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

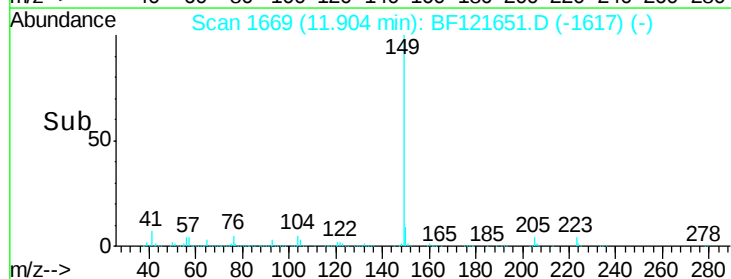
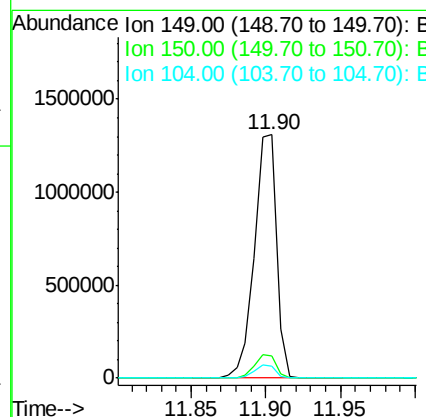
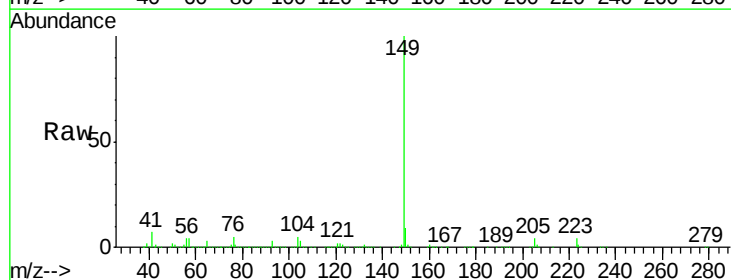
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

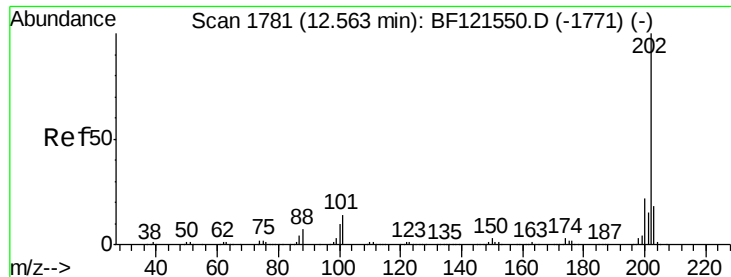
Tot Ion:167 Resp: 1160749
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 13.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 38.311 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.01 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion:149 Resp: 1339232
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 4.8 4.2 6.2





#75

Fluoranthene

Concen: 40.296 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

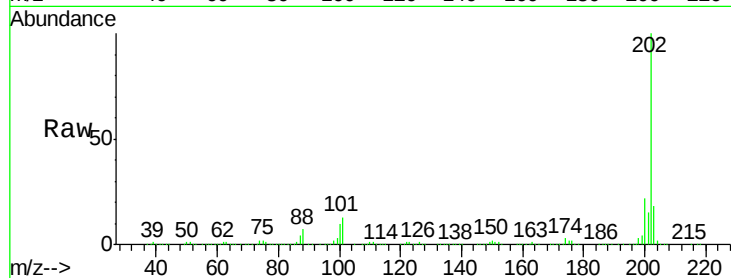
Tot Ion:202 Resp: 1399024

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.9

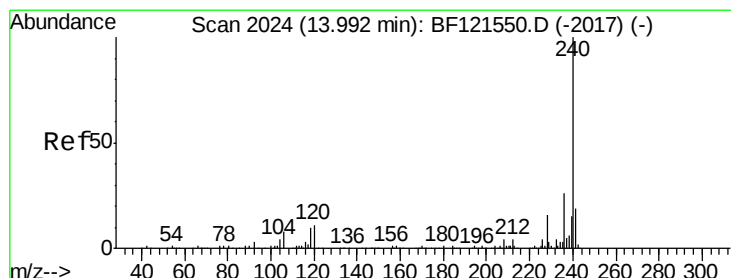
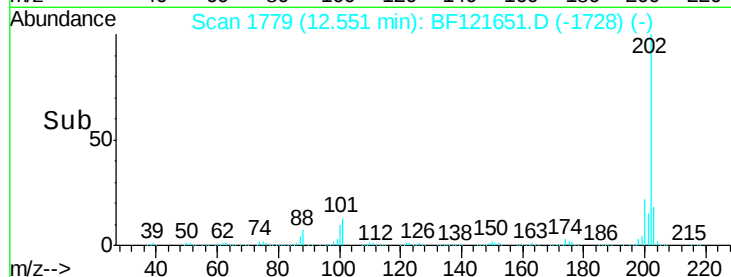
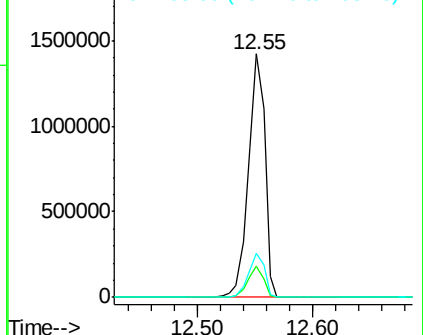
203 18.3 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

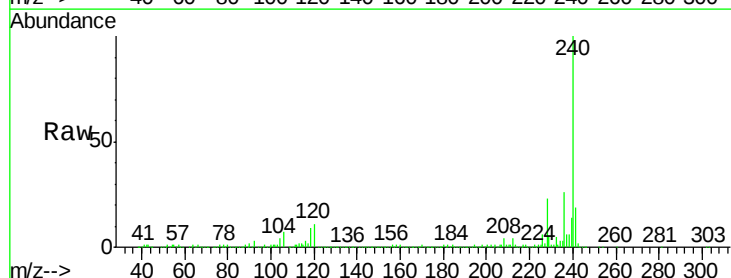
Tgt Ion:240 Resp: 441896

Ion Ratio Lower Upper

240 100

120 10.5 9.2 13.8

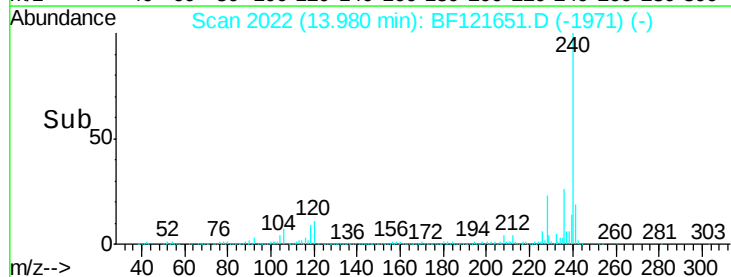
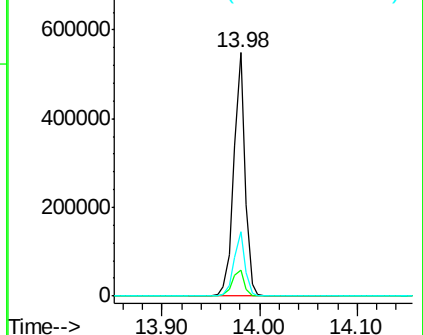
236 26.5 20.4 30.6

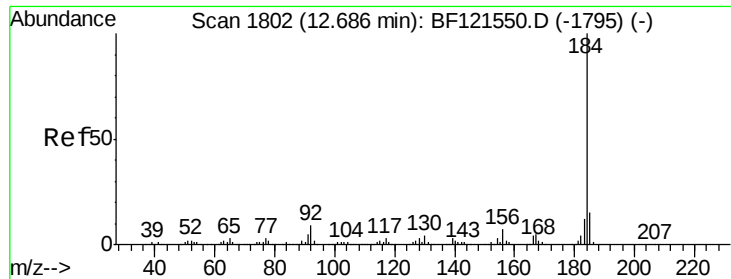


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.085 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

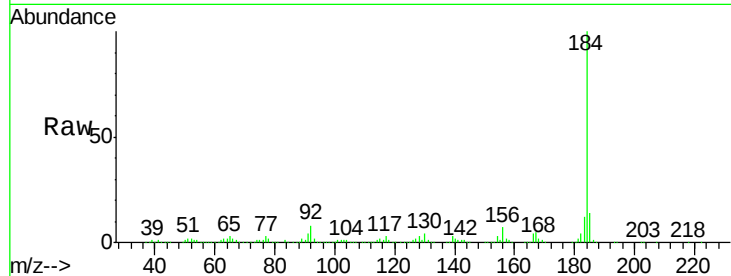
Tot Ion:184 Resp: 587233

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

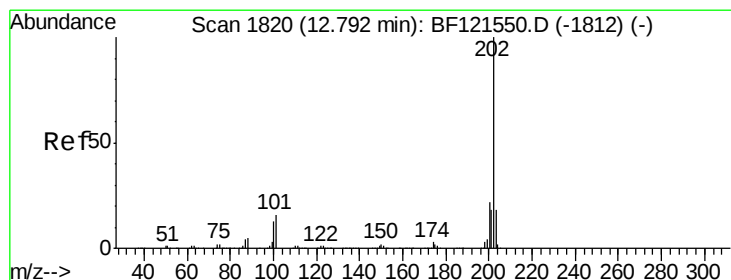
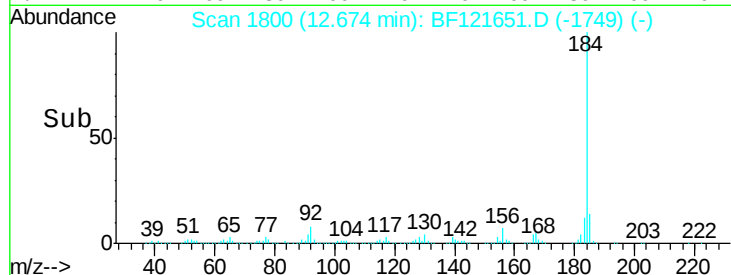
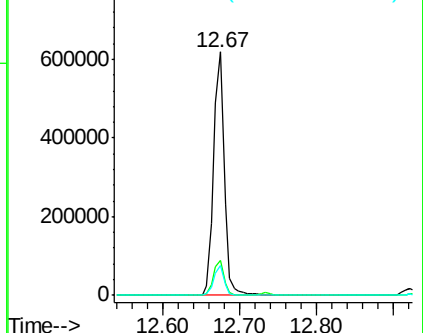
183 12.1 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.233 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

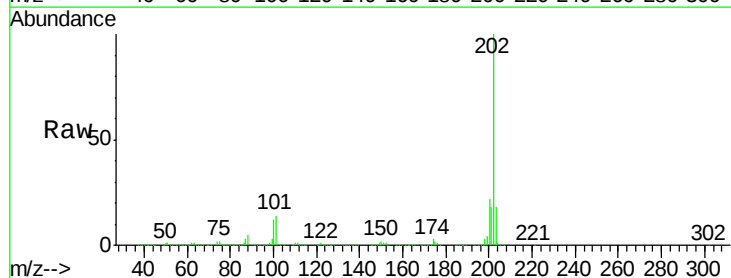
Tgt Ion:202 Resp: 1395819

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.6

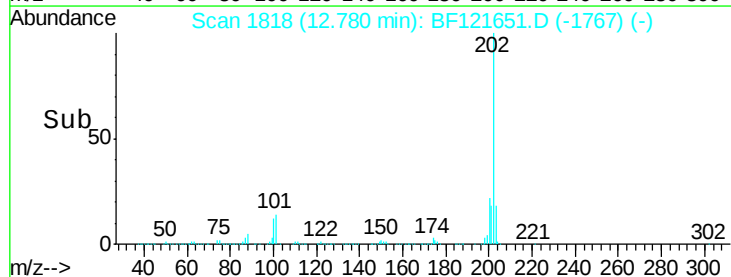
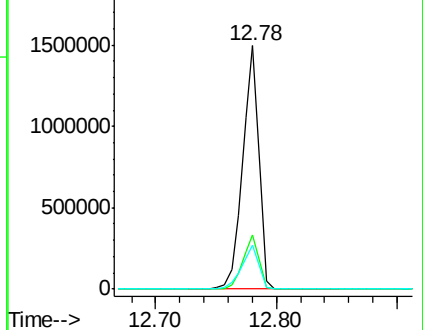
203 18.1 14.4 21.6

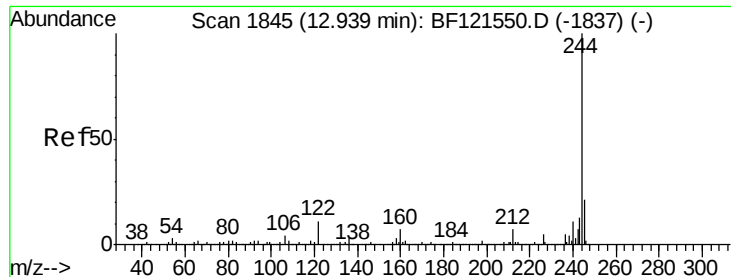


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.807 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

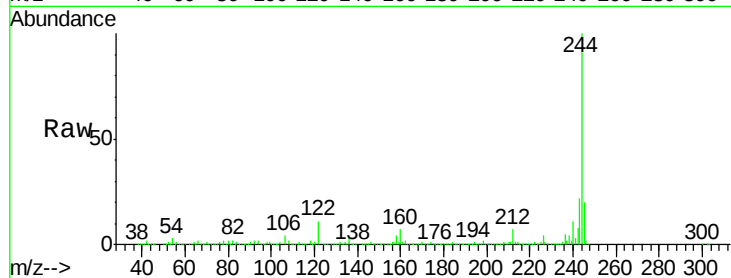
Tot Ion:244 Resp: 1413582

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

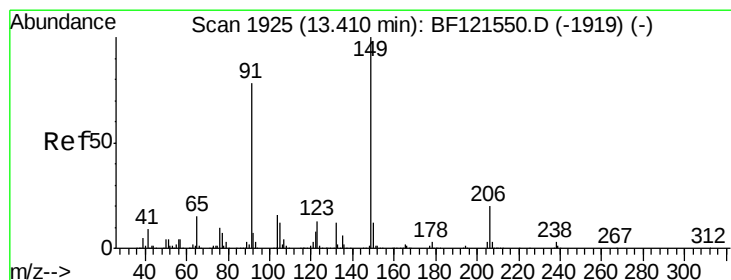
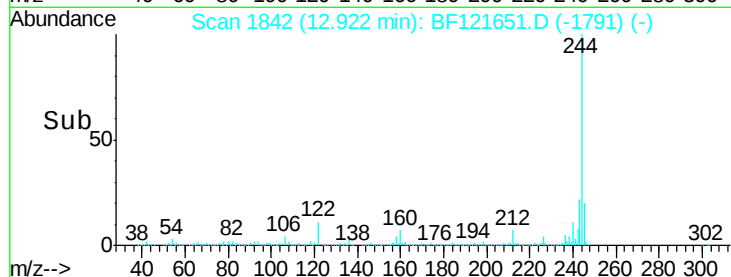
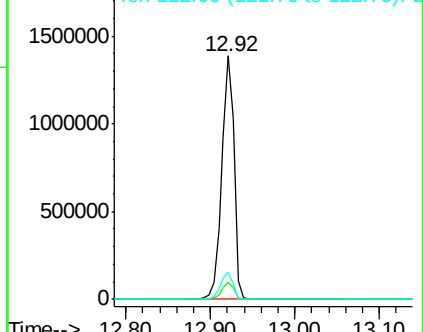
122 11.2 7.4 11.0#



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: 42.405 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

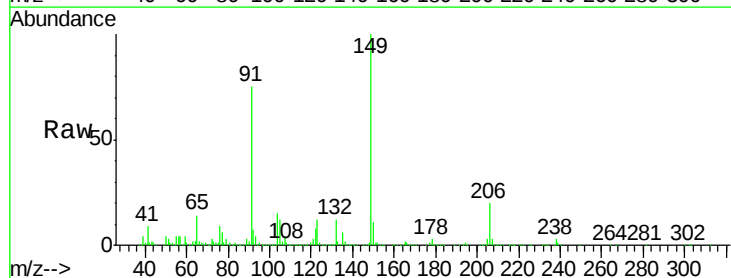
Tgt Ion:149 Resp: 553708

Ion Ratio Lower Upper

149 100

91 75.5 61.0 91.4

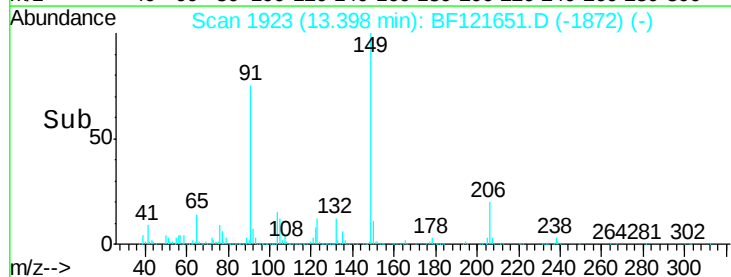
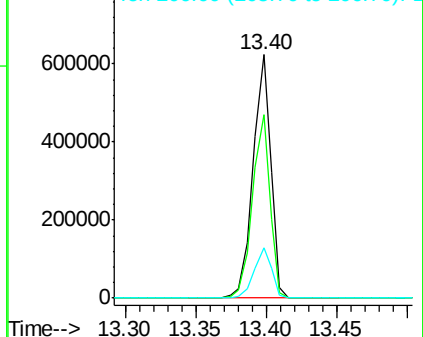
206 20.4 16.6 25.0

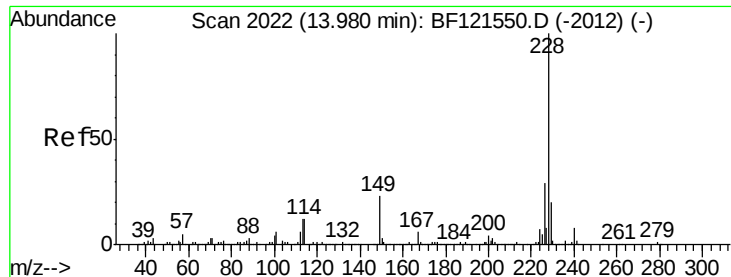


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.153 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

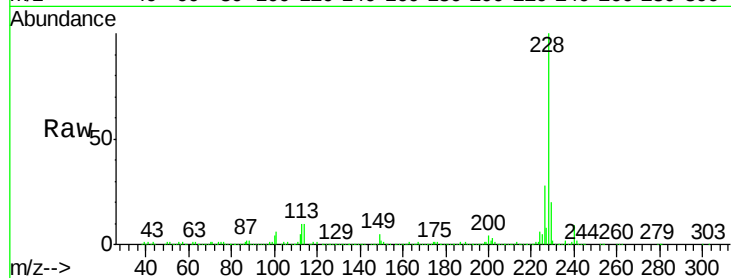
BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion:228 Resp: 1150503

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.1	16.2	24.2

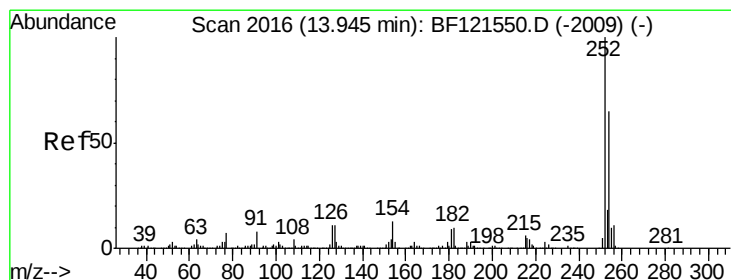
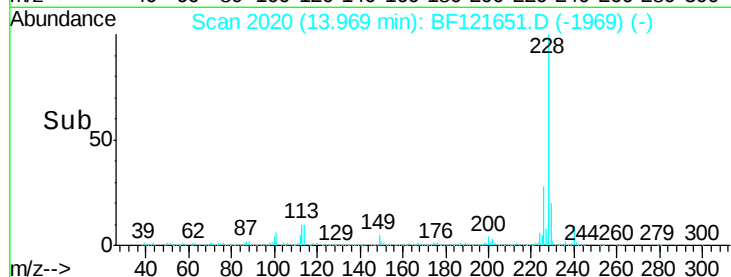
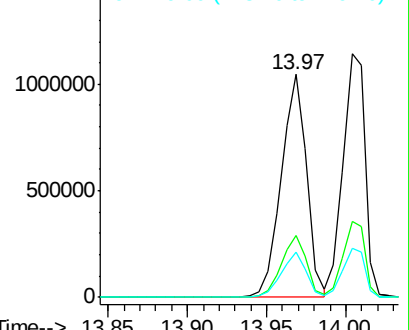


Abundance

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: 17.870 ng

RT: 13.93 min Scan# 2013

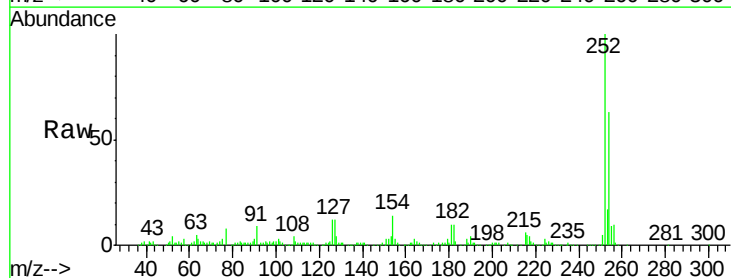
Delta R.T. -0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Tgt Ion:252 Resp: 195042

Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.0	76.4
126	12.0	8.6	13.0

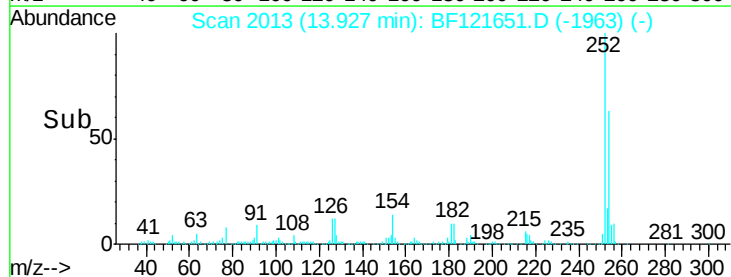
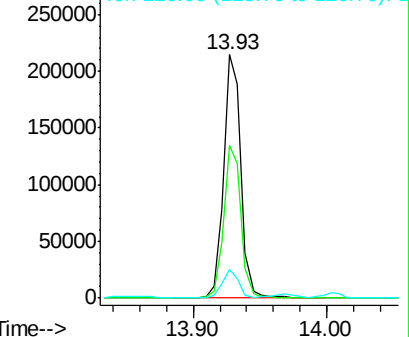


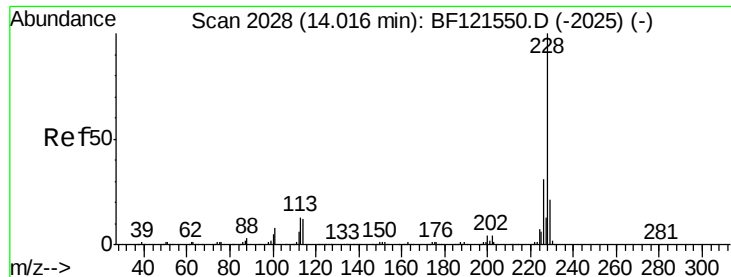
Abundance

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

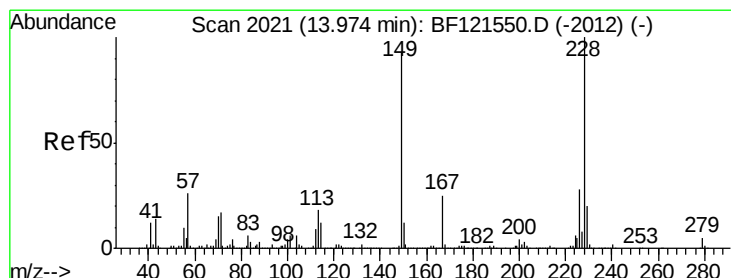
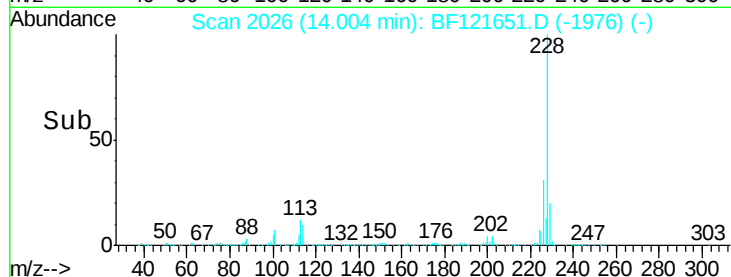
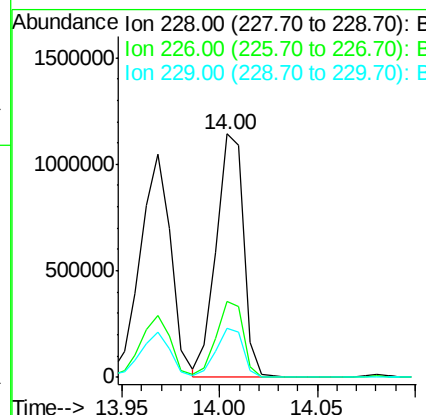
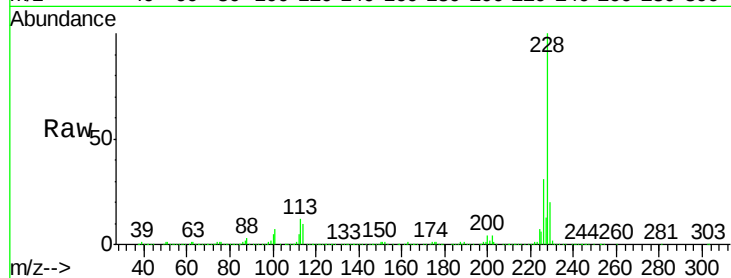




#83
 Chrysene
 Concen: 39.268 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

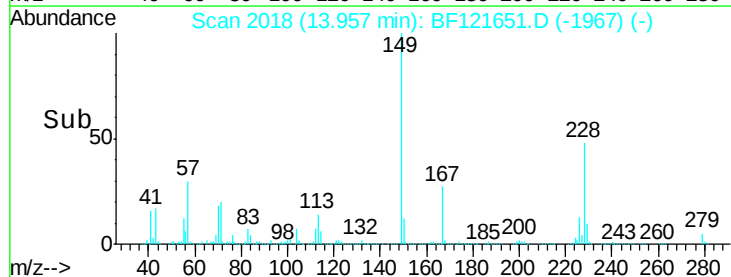
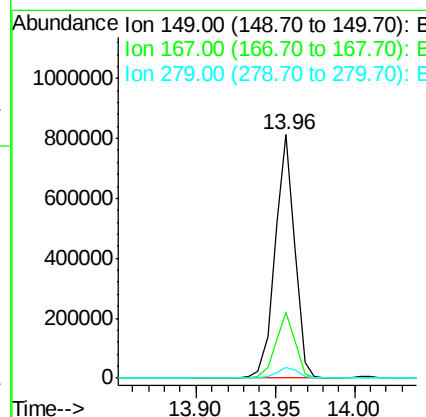
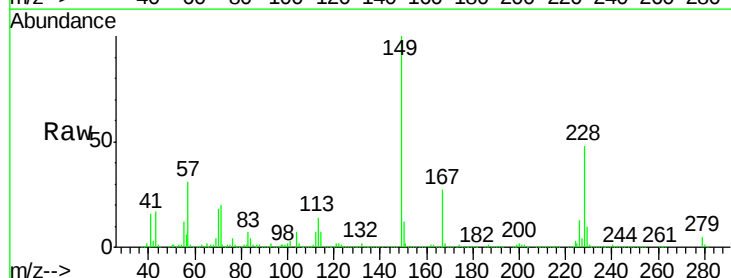
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

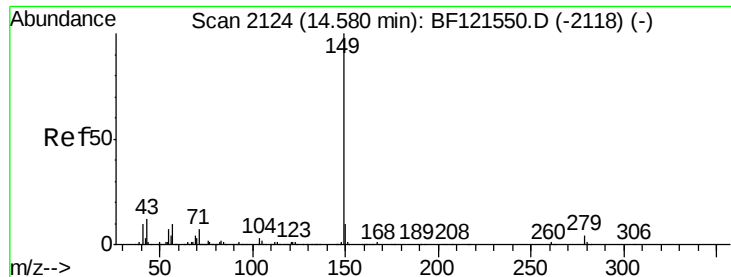
Tot Ion:228 Resp: 1111675
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.4
 229 20.4 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.363 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion:149 Resp: 704082
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 4.5 3.4 5.0

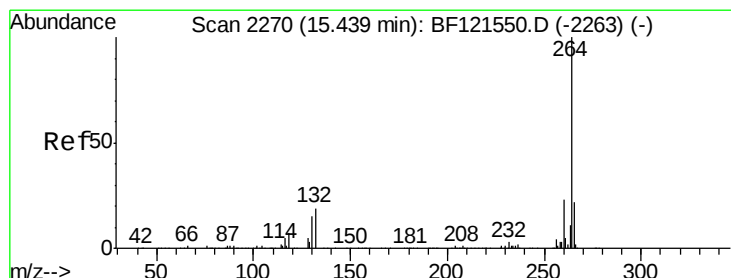
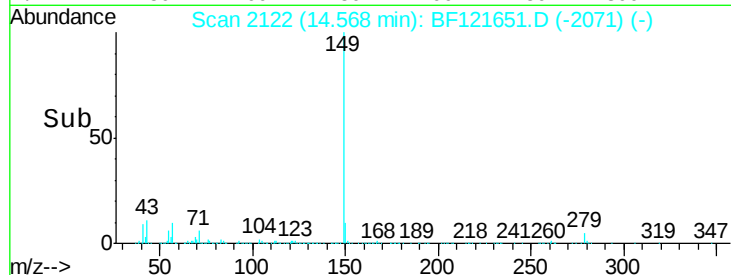
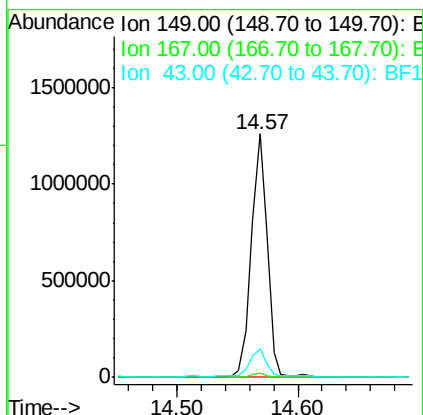
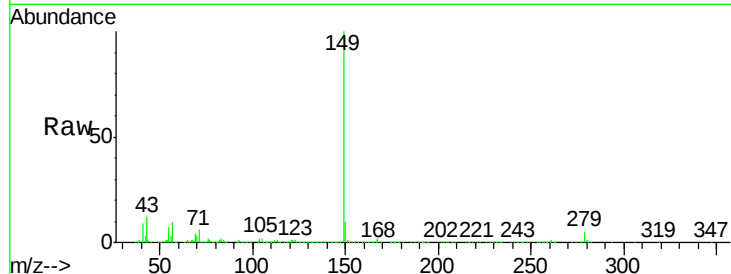




#85
Di-n-octyl phthalate
Concen: 38.039 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

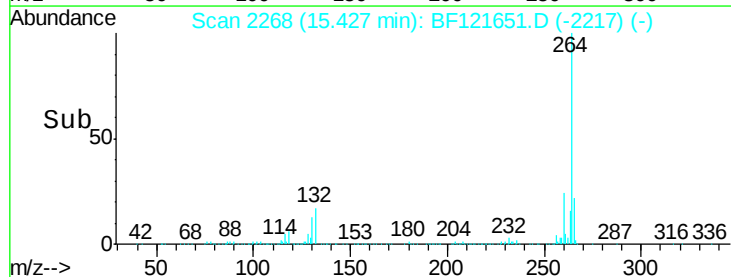
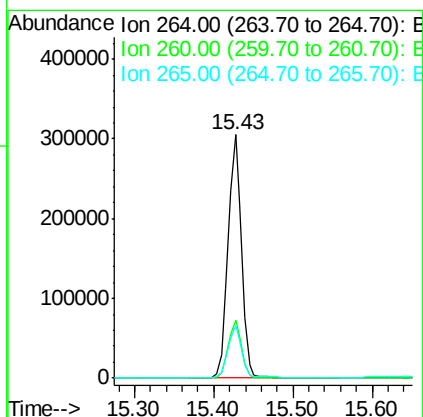
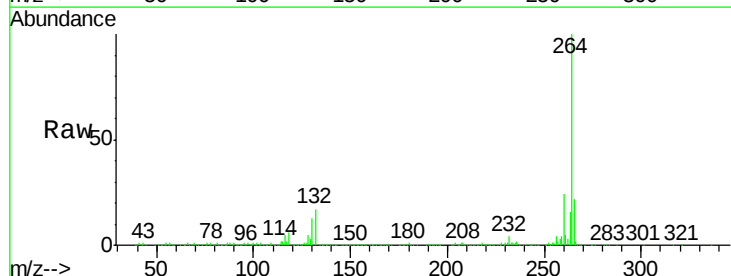
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

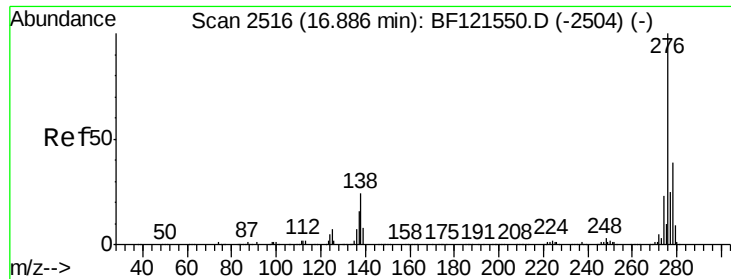
Tot Ion:149 Resp: 1171021
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion:264 Resp: 358682
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.8 17.3 25.9

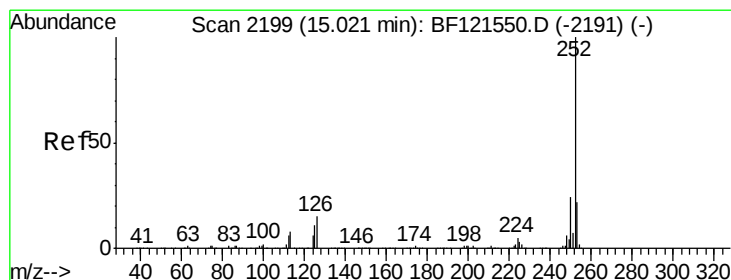
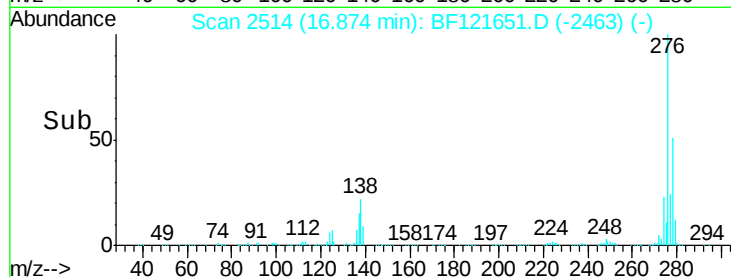
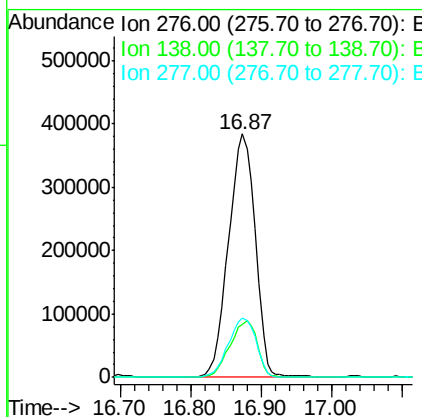
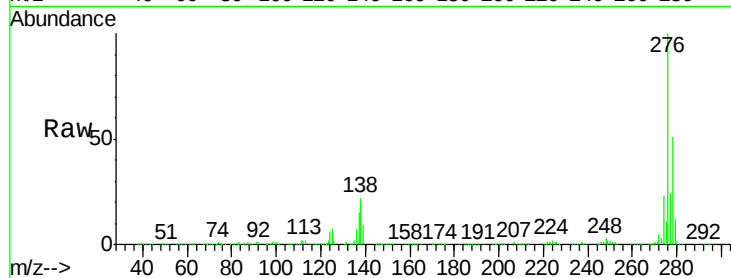




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.226 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

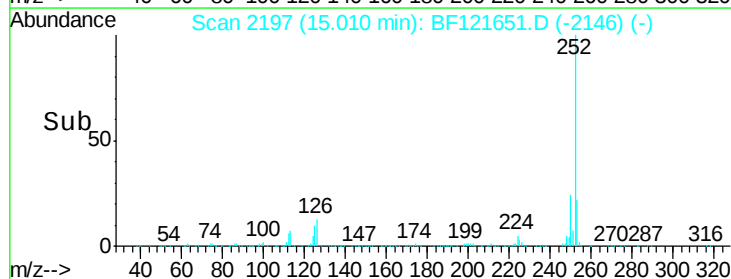
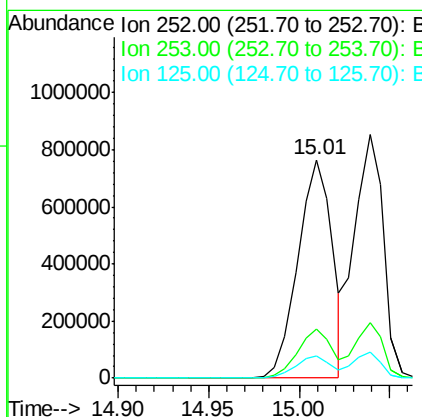
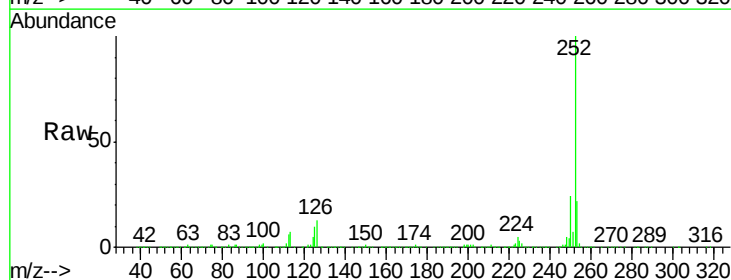
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

Tot Ion:276 Resp: 1009694
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.0 28.6
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 42.163 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion:252 Resp: 1011008
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.2 27.4
 125 10.3 8.5 12.7

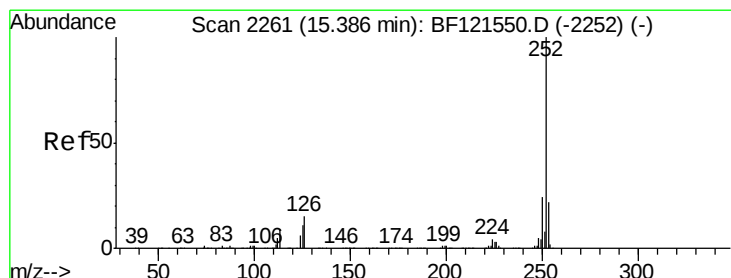
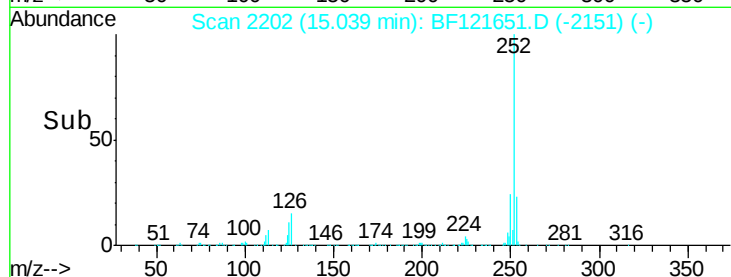
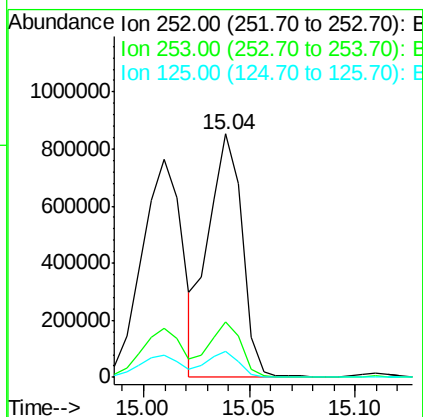
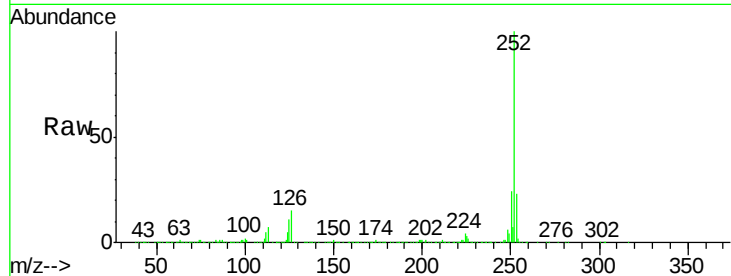




#89
Benzo(k)fluoranthene
Concen: 42.881 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

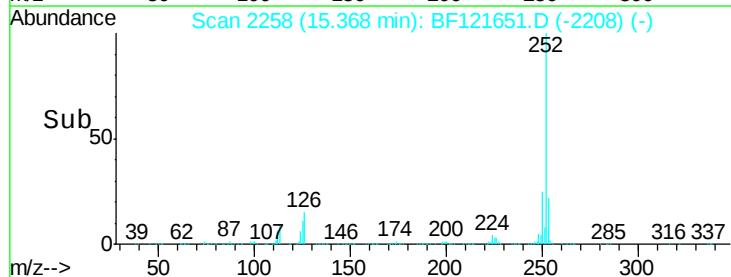
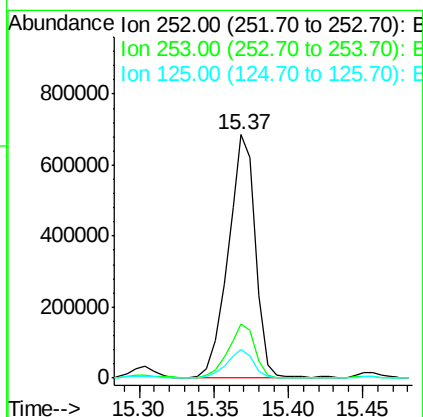
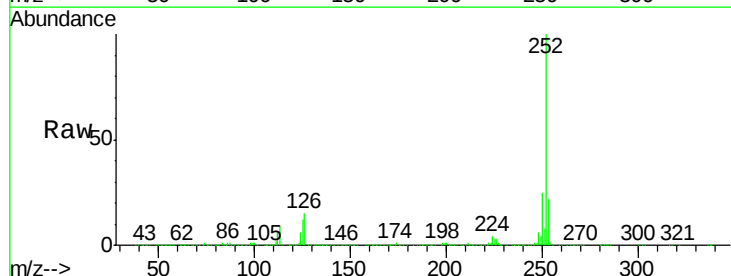
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

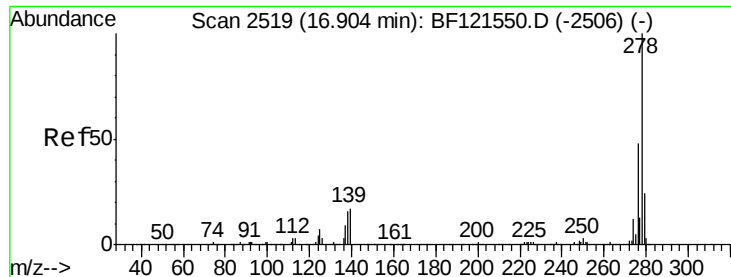
Tot Ion:252 Resp: 941581
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.8 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.740 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion:252 Resp: 871144
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.5 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 41.047 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

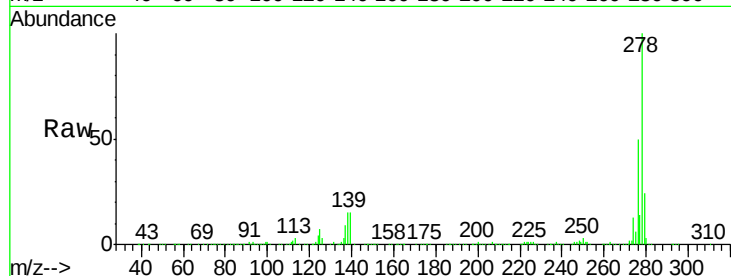
Tot Ion:278 Resp: 798137

Ion Ratio Lower Upper

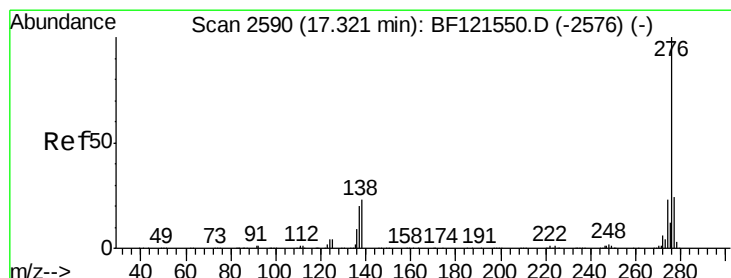
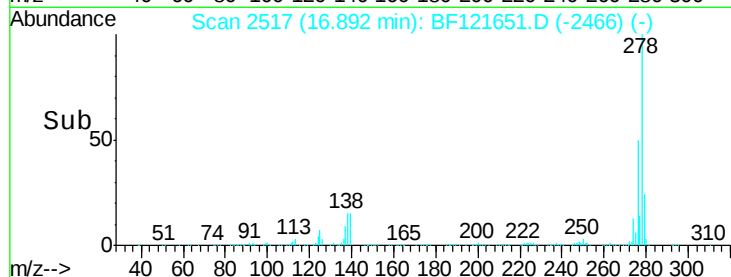
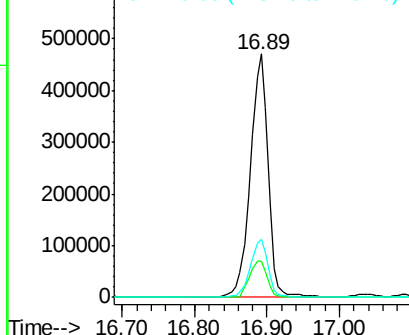
278 100

139 15.1 12.0 18.0

279 23.8 19.4 29.2



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



#92

Benzo(g,h,i)perylene

Concen: 45.206 ng

RT: 17.31 min Scan# 2588

Delta R.T. -0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

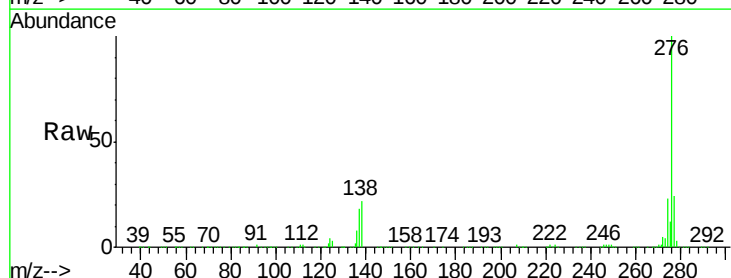
Tgt Ion:276 Resp: 864043

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 21.7 16.9 25.3



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

