

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121755.D
 Acq On : 30 Sep 2020 23:39
 Operator : JU/CG
 Sample : L4190-13MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Quant Time: Oct 01 00:39:58 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 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	157040	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	612455	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	317542	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	559025	20.00	ng	0.00
76) Chrysene-d12	13.94	240	355435	20.00	ng	0.00
86) Perylene-d12	15.37	264	341280	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	972135	92.00	ng	0.00
7) Phenol-d6	6.42	99	1285961	92.76	ng	0.00
23) Nitrobenzene-d5	7.35	82	897285	78.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	396461	100.46	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	1567029	74.74	ng	-0.01
79) Terphenyl-d14	12.89	244	1437119	81.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	178205	36.708	ng	100
3) Pyridine	3.30	79	525995	39.193	ng	100
4) n-Nitrosodimethylamine	3.26	42	254100	40.818	ng	98
6) Aniline	6.45	93	391611	21.689	ng	99
8) 2-Chlorophenol	6.57	128	473956	44.053	ng	97
9) Benzaldehyde	6.33	77	143249	15.806	ng	98
10) Phenol	6.44	94	606125	41.058	ng	92
11) bis(2-Chloroethyl)ether	6.52	93	471020	42.333	ng	98
12) 1,3-Dichlorobenzene	6.72	146	496219	41.322	ng	98
13) 1,4-Dichlorobenzene	6.80	146	503545	41.761	ng	98
14) 1,2-Dichlorobenzene	6.95	146	481571	43.354	ng	100
15) Benzyl Alcohol	6.93	79	421609	44.743	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	732310	40.900	ng	98
17) 2-Methylphenol	7.05	107	388937	42.487	ng	96
18) Hexachloroethane	7.29	117	183741	42.558	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	333050	41.684	ng	98
20) 3+4-Methylphenols	7.20	107	456593	41.513	ng	# 85
22) Acetophenone	7.19	105	623544	40.127	ng	99
24) Nitrobenzene	7.36	77	518040	41.990	ng	98
25) Isophorone	7.60	82	946648	41.226	ng	98
26) 2-Nitrophenol	7.68	139	249726	43.264	ng	98
27) 2,4-Dimethylphenol	7.72	122	422448	41.215	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	595683	41.904	ng	100
29) 2,4-Dichlorophenol	7.93	162	389555	41.728	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	410003	41.700	ng	99
31) Naphthalene	8.09	128	1342872	41.536	ng	100
32) Benzoic acid	7.87	122	262482	36.299	ng	98
33) 4-Chloroaniline	8.13	127	216422	15.443	ng	99
34) Hexachlorobutadiene	8.20	225	249076	43.159	ng	99
35) Caprolactam	8.52	113	83825	26.963	ng	94
36) 4-Chloro-3-methylphenol	8.63	107	430855	42.842	ng	95
37) 2-Methylnaphthalene	8.77	142	886177	41.826	ng	99
38) 1-Methylnaphthalene	8.87	142	823765	41.776	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	414477	41.786	ng	99

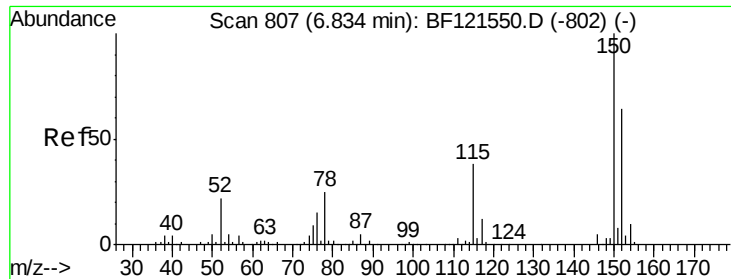
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121755.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	283495	50.048	ng	99
43) 2,4,6-Trichlorophenol	9.06	196	279754	41.378	ng	98
44) 2,4,5-Trichlorophenol	9.10	196	296516	41.486	ng	96
46) 1,1'-Biphenyl	9.24	154	1056247	41.550	ng	98
47) 2-Chloronaphthalene	9.27	162	815280	40.698	ng	98
48) 2-Nitroaniline	9.36	65	282780	45.425	ng	97
49) Acenaphthylene	9.68	152	1256992	40.838	ng	99
50) Dimethylphthalate	9.55	163	1135330	49.330	ng	99
51) 2,6-Dinitrotoluene	9.61	165	217666	44.409	ng	98
52) Acenaphthene	9.85	154	760215	39.104	ng	98
53) 3-Nitroaniline	9.77	138	122019	21.490	ng	100
54) 2,4-Dinitrophenol	9.89	184	145397	54.663	ng	96
55) Dibenzofuran	10.03	168	1112064	40.619	ng	99
56) 4-Nitrophenol	9.95	139	323513	71.444	ng	93
57) 2,4-Dinitrotoluene	10.02	165	281850	45.708	ng	97
58) Fluorene	10.37	166	863599	41.248	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	241438	41.551	ng	98
60) Diethylphthalate	10.25	149	966315	43.064	ng	100
61) 4-Chlorophenyl-phenylether	10.36	204	419616	41.839	ng	97
62) 4-Nitroaniline	10.39	138	193070	34.246	ng	99
63) Azobenzene	10.52	77	975490	40.823	ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	115346	35.677	ng	94
66) n-Nitrosodiphenylamine	10.48	169	816633	42.580	ng	99
67) 4-Bromophenyl-phenylether	10.84	248	282513	44.387	ng	98
68) Hexachlorobenzene	10.92	284	312289	43.477	ng	98
69) Atrazine	11.00	200	194642	40.850	ng	98
70) Pentachlorophenol	11.11	266	302360	76.650	ng	99
71) Phenanthrene	11.33	178	1336680	43.886	ng	100
72) Anthracene	11.38	178	1306262	41.559	ng	100
73) Carbazole	11.53	167	1129954	39.838	ng	100
74) Di-n-butylphthalate	11.86	149	1413936	43.191	ng	100
75) Fluoranthene	12.52	202	1331699	40.958	ng	99
77) Benzidine	12.63	184	438630	37.224	ng	100
78) Pyrene	12.74	202	1309450	50.423	ng	99
80) Butylbenzylphthalate	13.36	149	533121	50.760	ng	92
81) Benzo(a)anthracene	13.93	228	995945	44.291	ng	99
82) 3,3'-Dichlorobenzidine	13.89	252	279748	31.866	ng	97
83) Chrysene	13.97	228	978178	42.958	ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	698758	49.802	ng	# 98
85) Di-n-octyl phthalate	14.53	149	1159964	46.845	ng	100
87) Indeno(1,2,3-cd)pyrene	16.80	276	1112972	50.077	ng	99
88) Benzo(b)fluoranthene	14.97	252	1041527	45.651	ng	99
89) Benzo(k)fluoranthene	14.99	252	848187	40.597	ng	99
90) Benzo(a)pyrene	15.32	252	874078	45.071	ng	99
91) Dibenzo(a,h)anthracene	16.82	278	902492	48.781	ng	99
92) Benzo(g,h,i)perylene	17.23	276	963057	52.956	ng	100

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

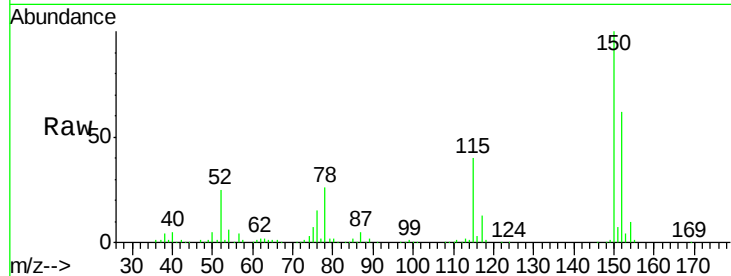


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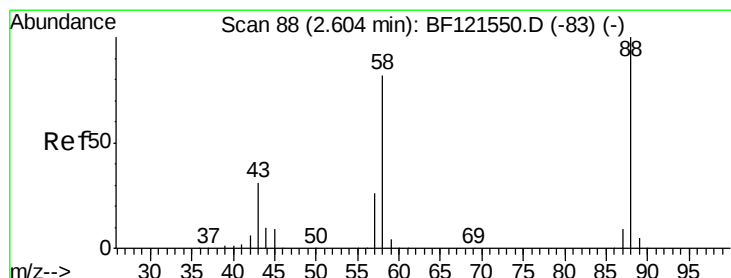
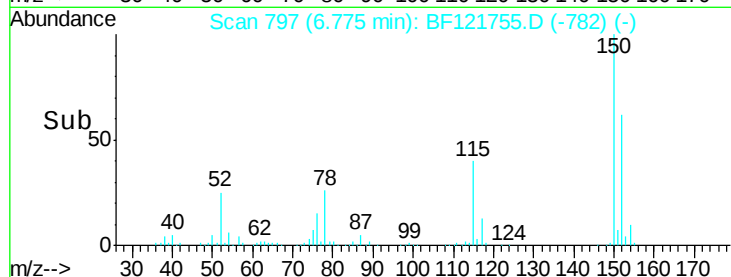
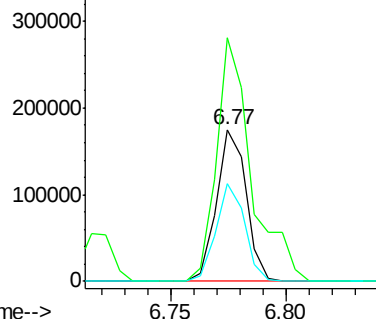
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion:152 Resp: 157040
Ion Ratio Lower Upper
152 100
150 160.1 125.8 188.8
115 64.3 49.6 74.4



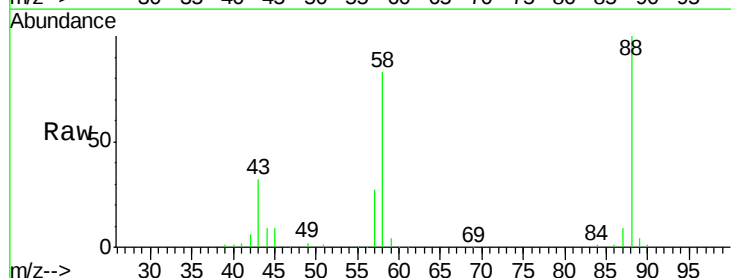
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



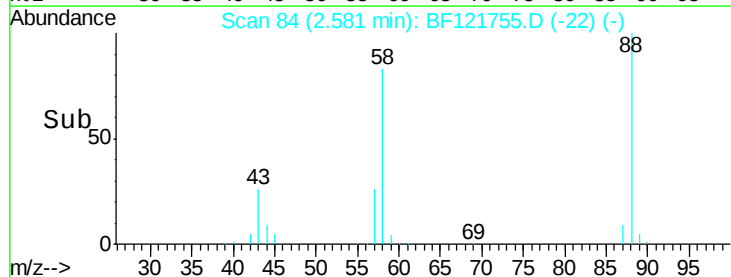
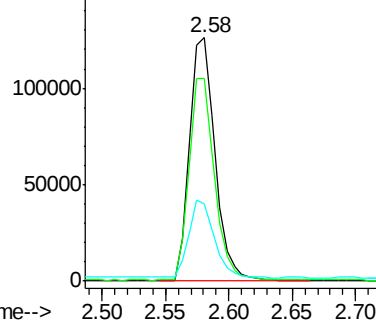
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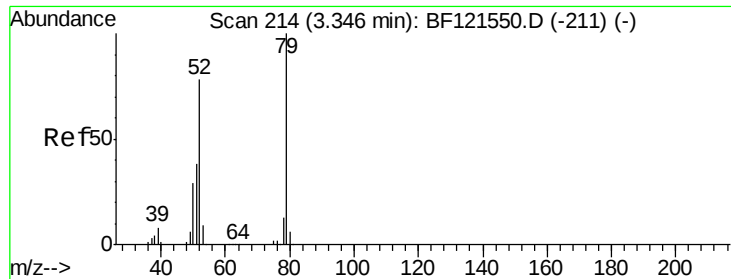
1,4-Dioxane
Concen: 36.708 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.06 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion: 88 Resp: 178205
Ion Ratio Lower Upper
88 100
58 82.0 65.3 97.9
43 31.4 25.1 37.7



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: 39.193 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.06 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

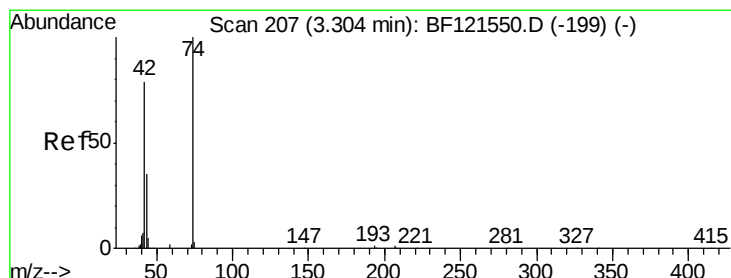
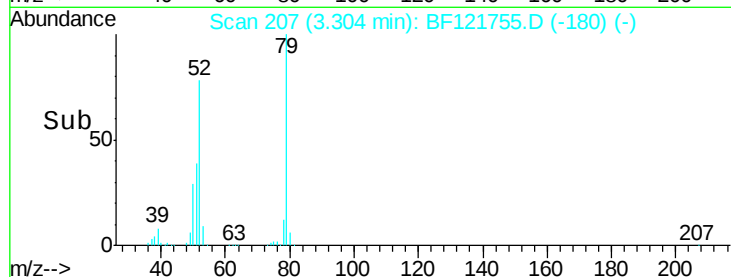
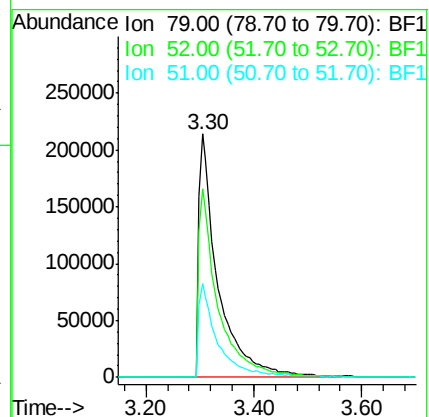
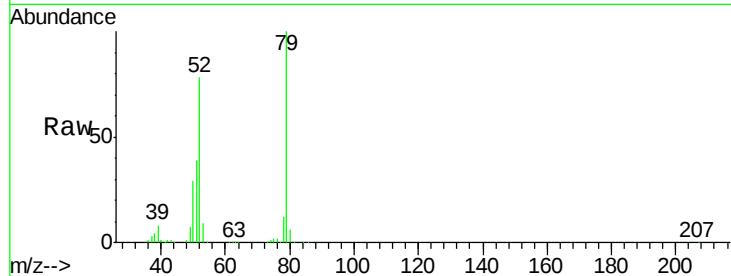
Tot Ion: 79 Resp: 525995

Ion Ratio Lower Upper

79 100

52 77.5 62.2 93.2

51 38.8 30.9 46.3



#4

n-Nitrosodimethylamine

Concen: 40.818 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.05 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

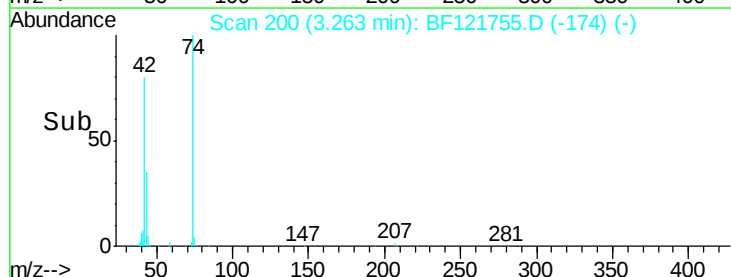
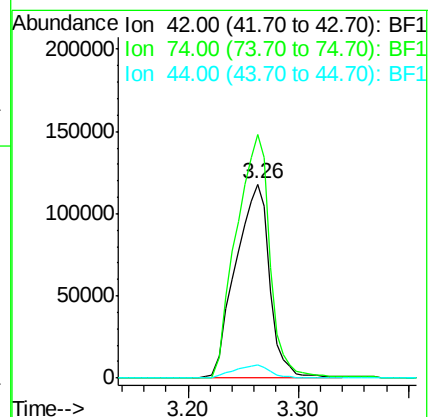
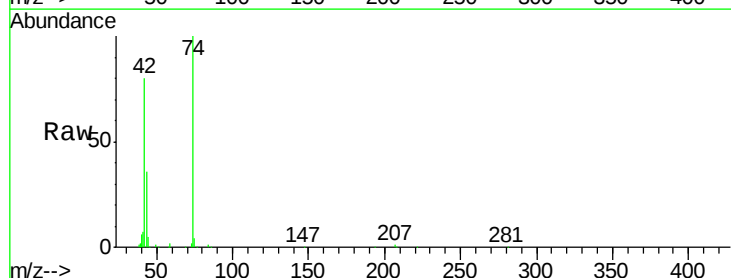
Tgt Ion: 42 Resp: 254100

Ion Ratio Lower Upper

42 100

74 125.7 98.9 148.3

44 6.7 5.3 7.9





#5

2-Fluorophenol

Concen: 91.997 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

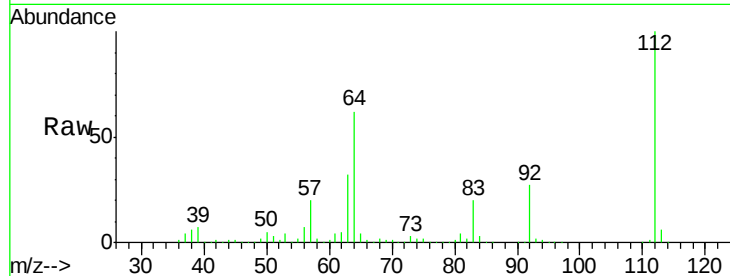
Tot Ion:112 Resp: 972135

Ion Ratio Lower Upper

112 100

64 61.8 51.2 76.8

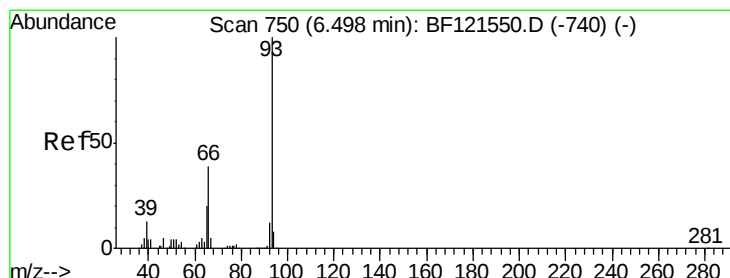
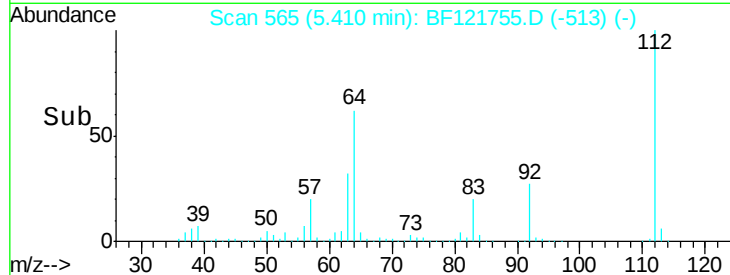
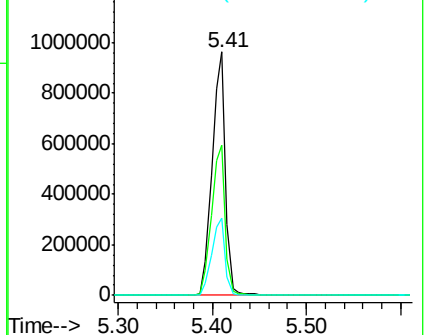
63 31.6 25.9 38.9



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: 21.689 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

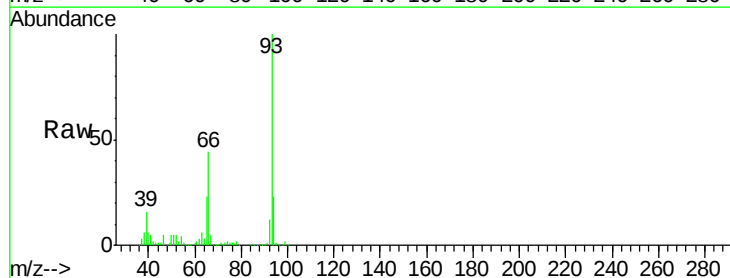
Tgt Ion: 93 Resp: 391611

Ion Ratio Lower Upper

93 100

66 43.8 35.8 53.6

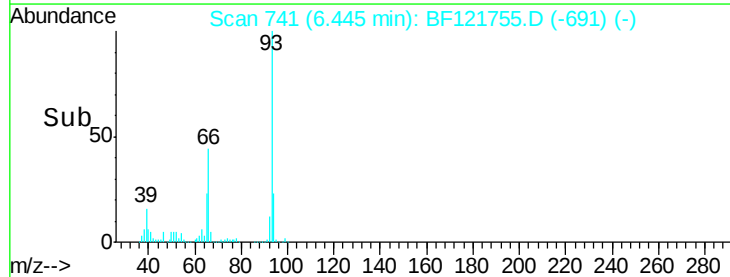
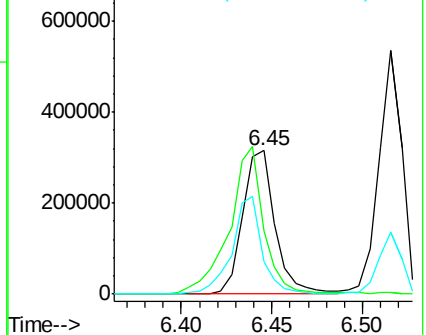
65 23.0 18.7 28.1

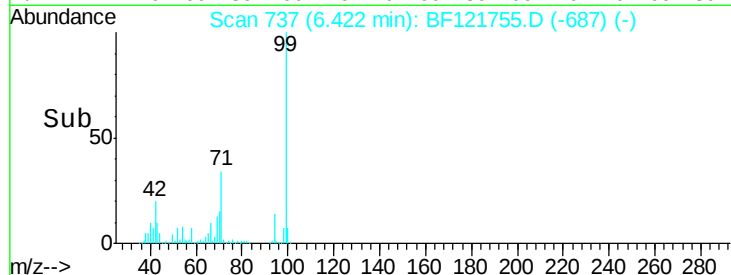
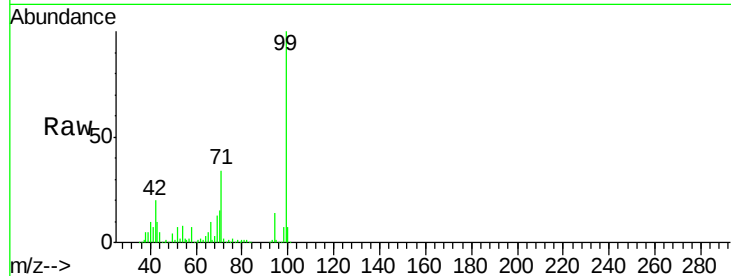


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.760 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

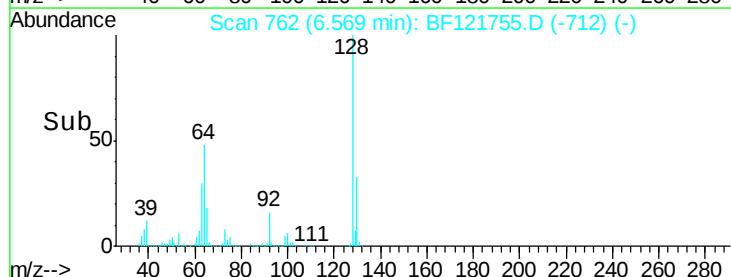
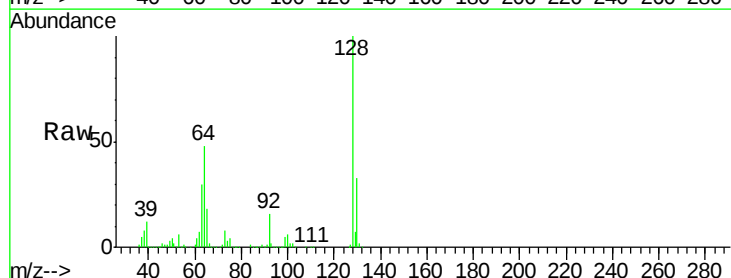
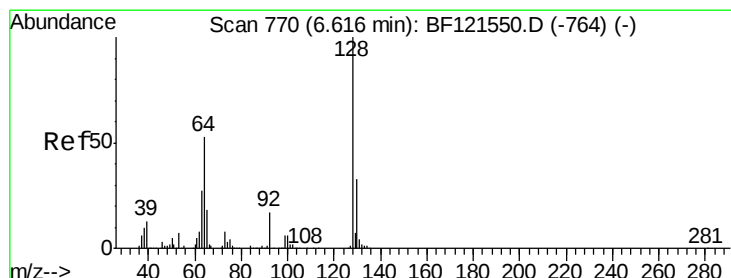
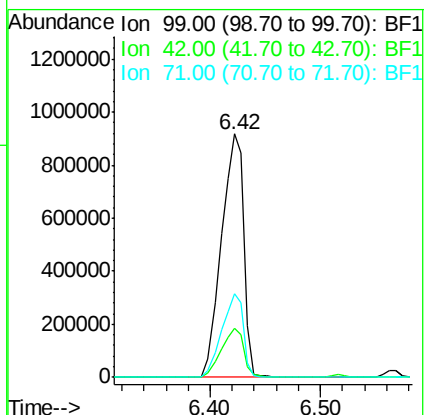
Tot Ion: 99 Resp: 1285961

Ion Ratio Lower Upper

99 100

42 20.4 16.5 24.7

71 34.4 27.8 41.6



#8

2-Chlorophenol

Concen: 44.053 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

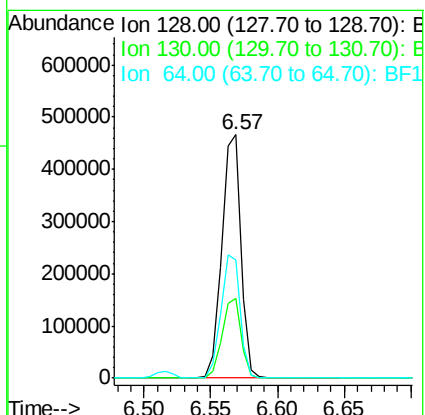
Tgt Ion: 128 Resp: 473956

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 48.3 31.9 71.9





#9

Benzaldehyde

Concen: 15.806 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

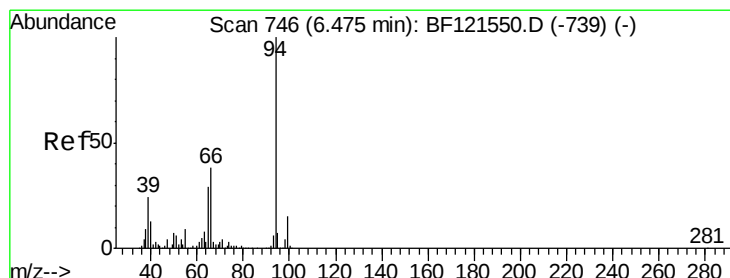
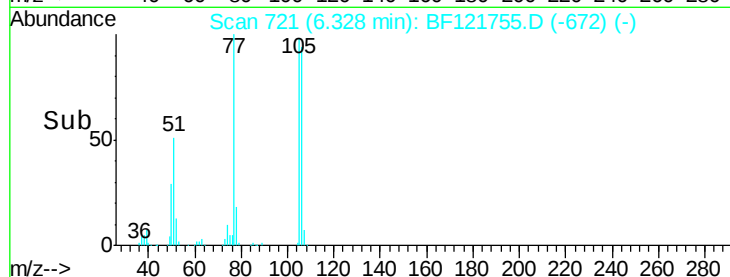
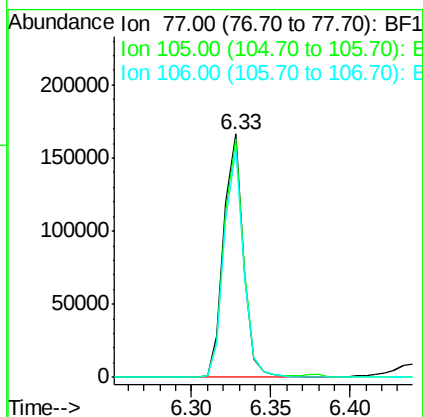
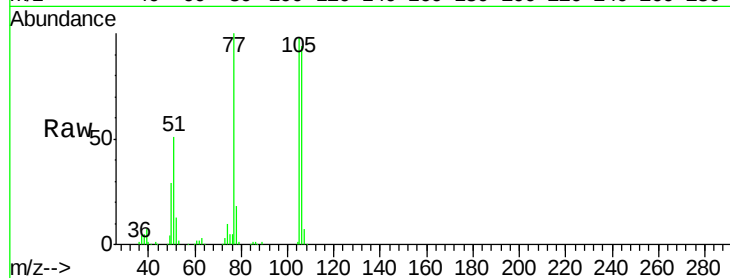
Tot Ion: 77 Resp: 143249

Ion Ratio Lower Upper

77 100

105 98.2 80.8 120.8

106 93.9 75.4 115.4



#10

Phenol

Concen: 41.058 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

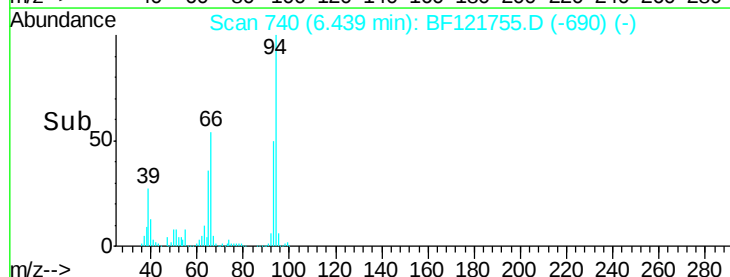
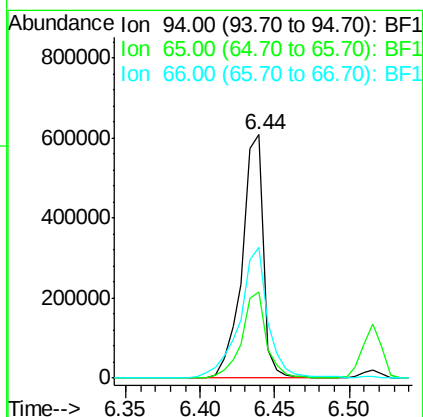
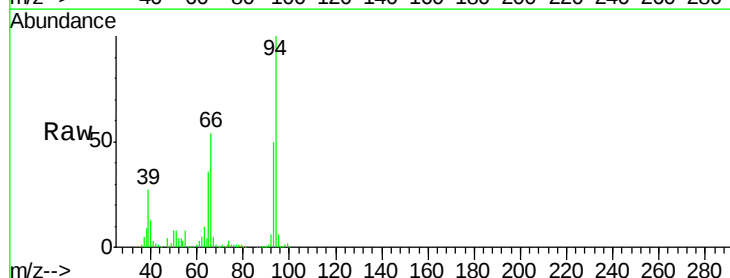
Tgt Ion: 94 Resp: 606125

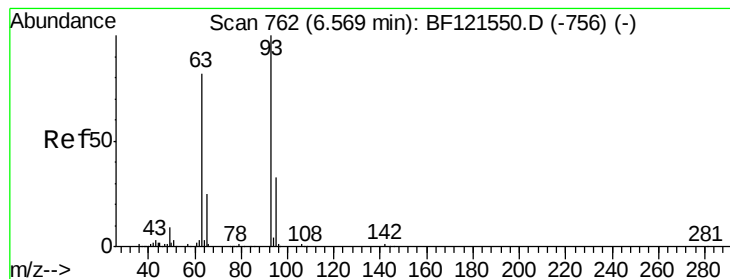
Ion Ratio Lower Upper

94 100

65 35.5 18.9 58.9

66 53.6 40.4 80.4





#11

bis(2-Chloroethyl)ether

Concen: 42.333 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

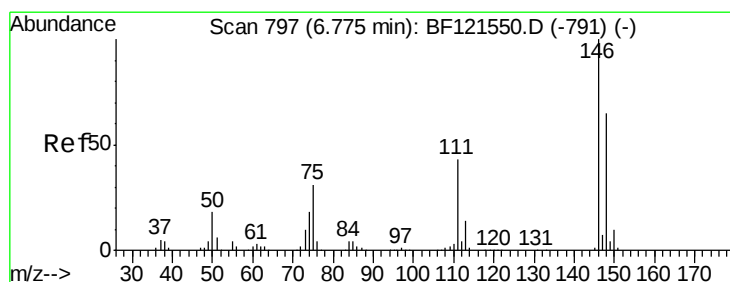
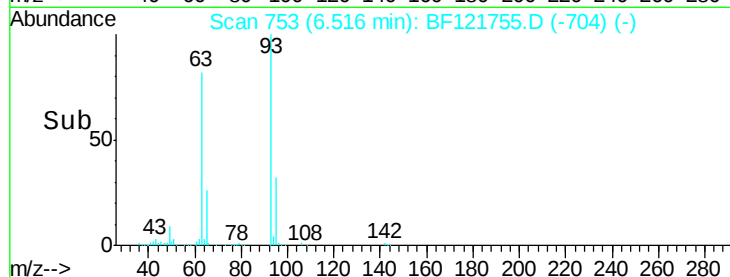
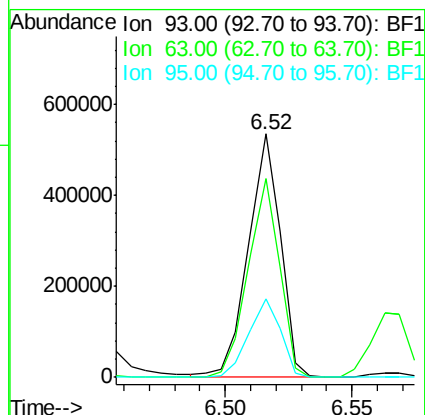
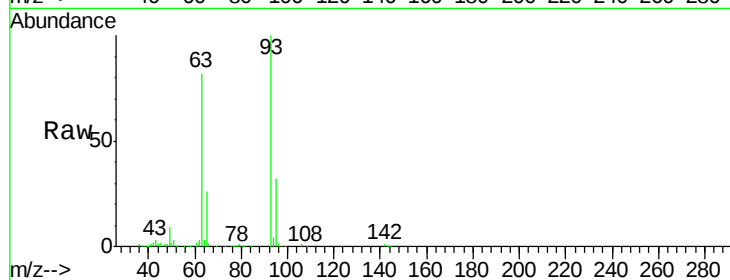
Tot Ion: 93 Resp: 471020

Ion Ratio Lower Upper

93 100

63 81.7 59.8 99.8

95 32.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 41.322 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

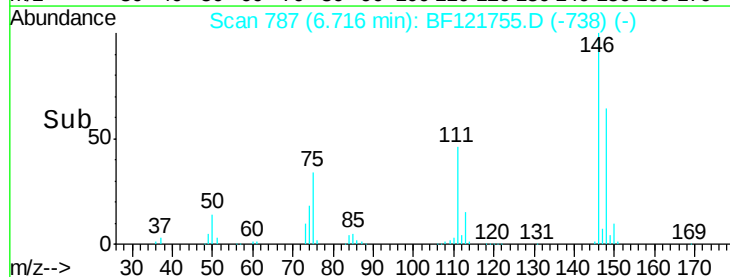
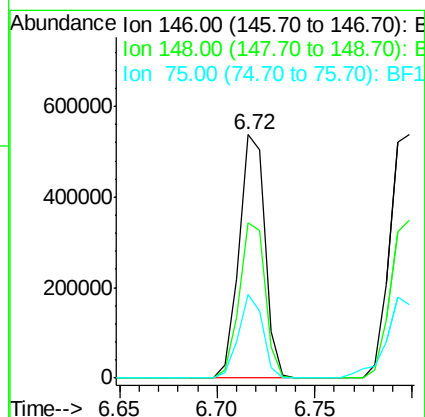
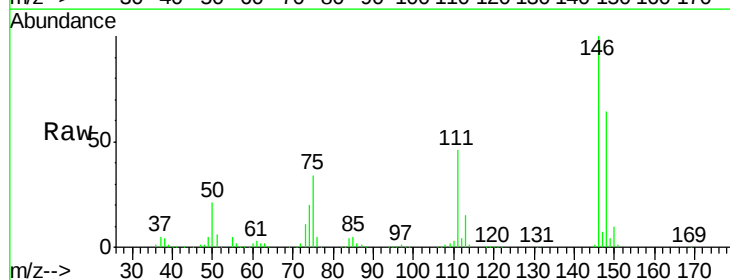
Tgt Ion: 146 Resp: 496219

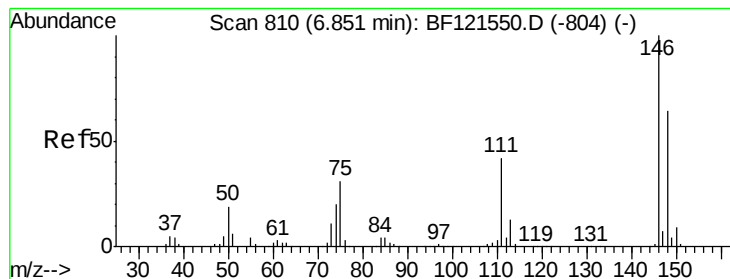
Ion Ratio Lower Upper

146 100

148 64.0 50.9 76.3

75 34.2 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 41.761 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

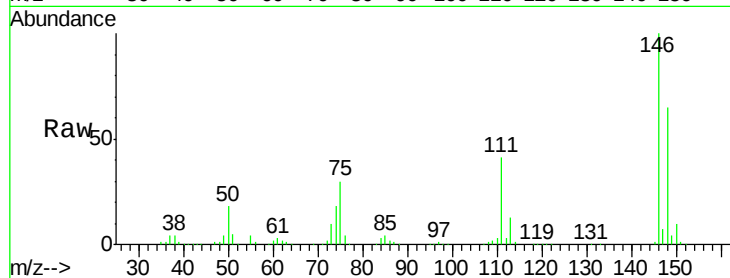
Tot Ion:146 Resp: 503545

Ion Ratio Lower Upper

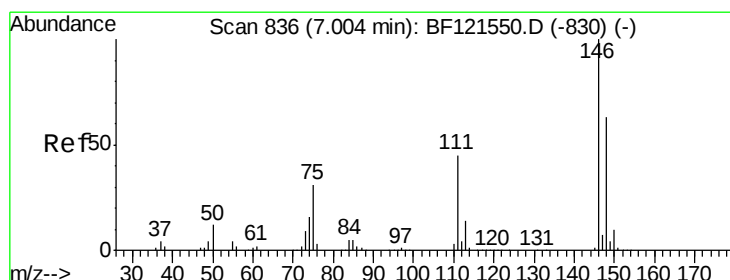
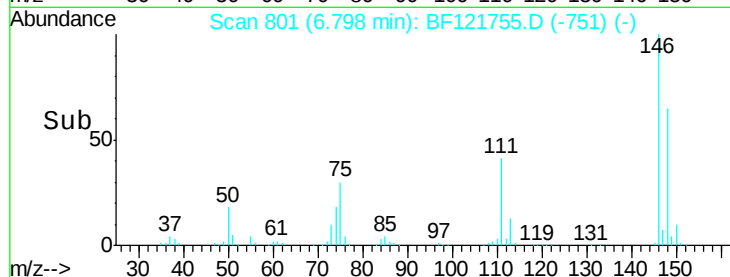
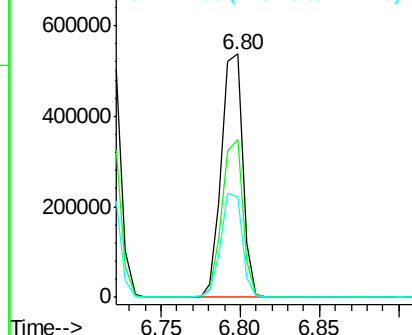
146 100

148 64.7 51.5 77.3

111 41.2 34.8 52.2



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: 43.354 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

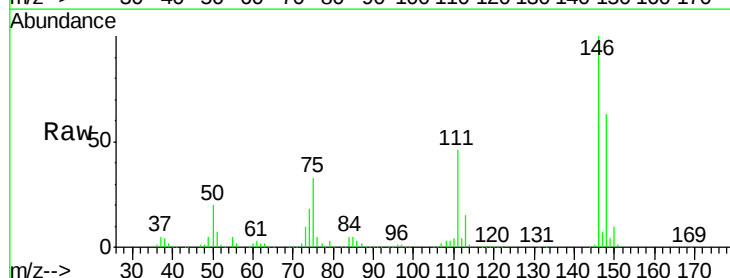
Tgt Ion:146 Resp: 481571

Ion Ratio Lower Upper

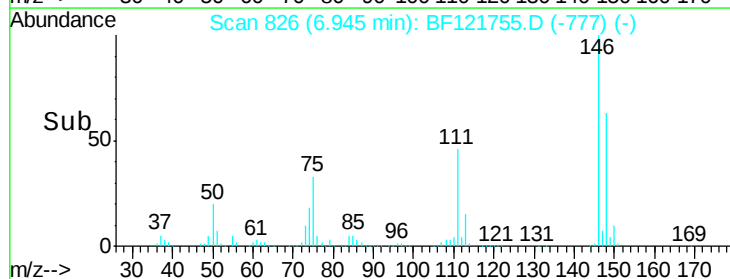
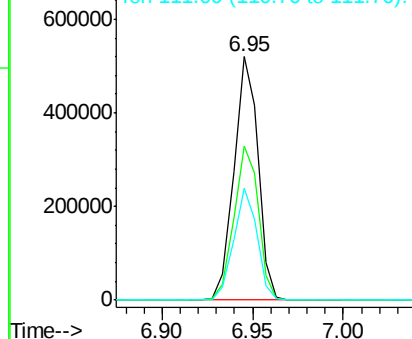
146 100

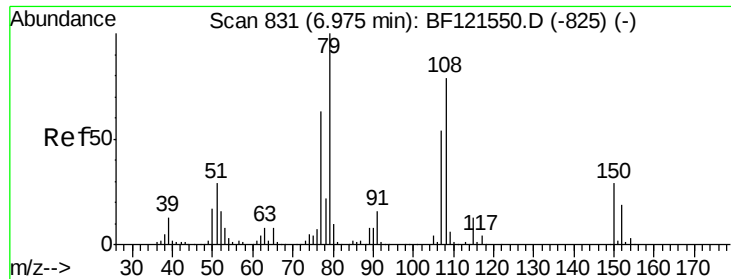
148 63.5 51.1 76.7

111 45.7 36.6 54.8



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

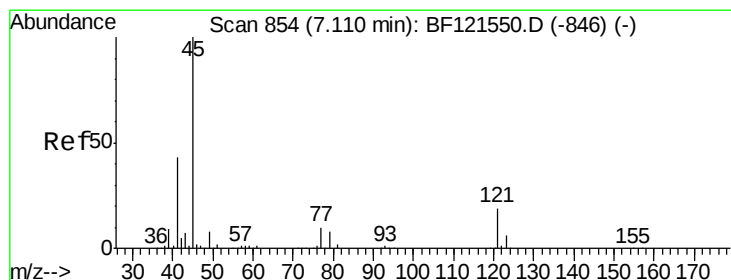
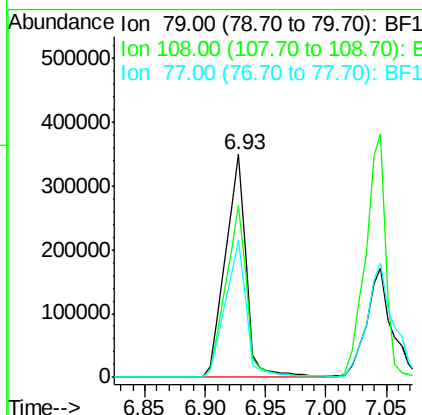
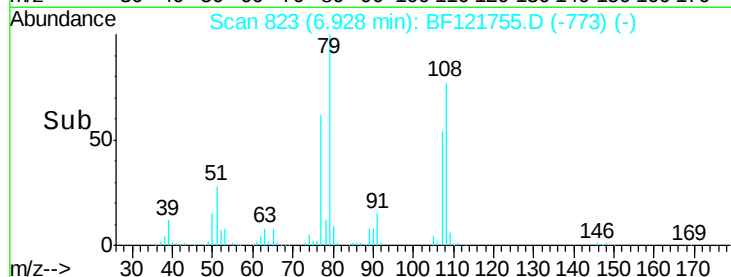
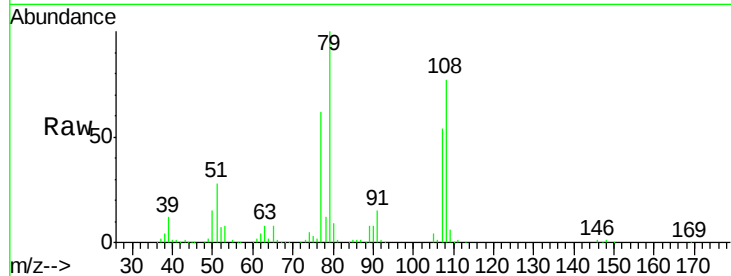




#15
Benzyl Alcohol
Concen: 44.743 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

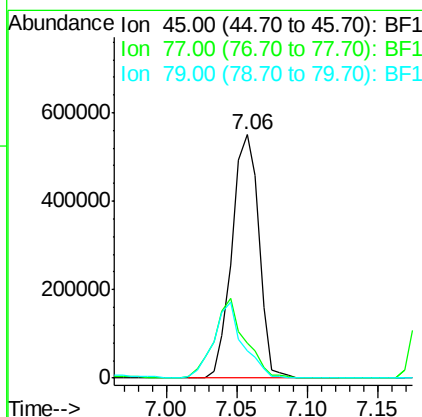
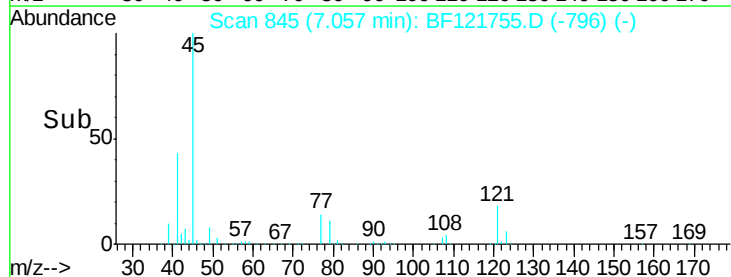
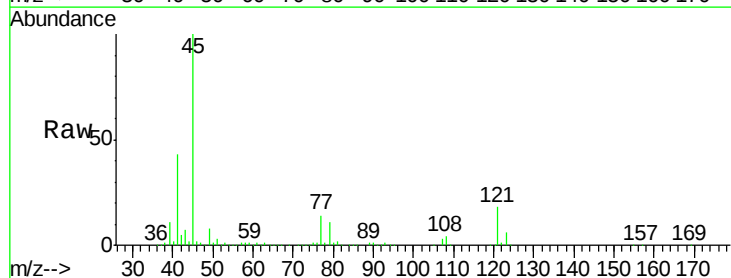
Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

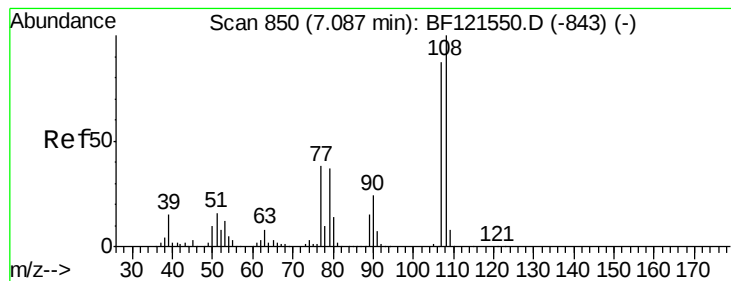
Tot Ion: 79 Resp: 421609
Ion Ratio Lower Upper
79 100
108 77.0 60.2 90.2
77 61.8 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.900 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion: 45 Resp: 732310
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.3
79 11.4 0.0 30.8





#17

2-Methylphenol

Concen: 42.487 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

Tot Ion:107 Resp: 388937

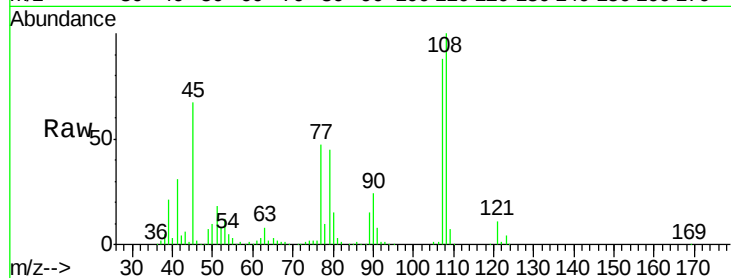
Ion Ratio Lower Upper

107 100

108 113.6 91.7 137.5

77 53.3 38.4 57.6

79 51.2 37.9 56.9

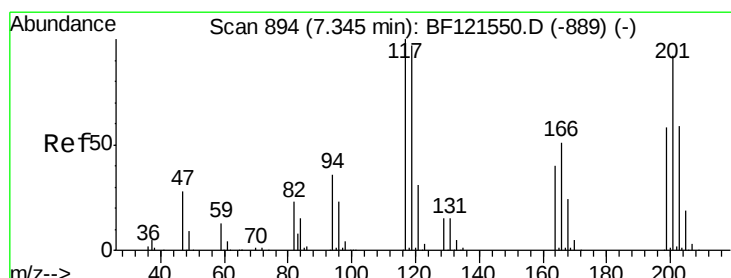
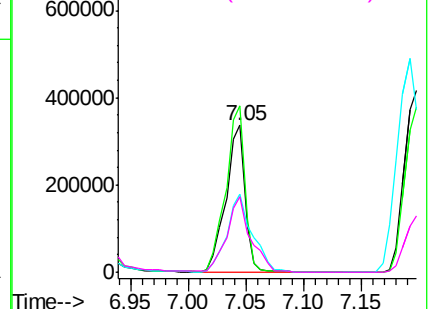
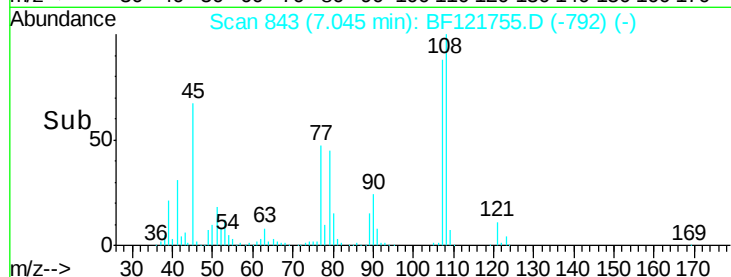


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.558 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

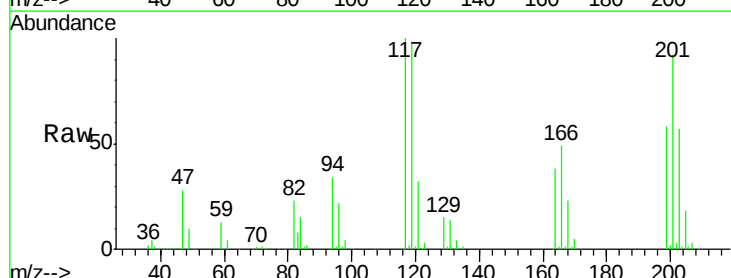
Tgt Ion:117 Resp: 183741

Ion Ratio Lower Upper

117 100

119 97.8 76.8 115.2

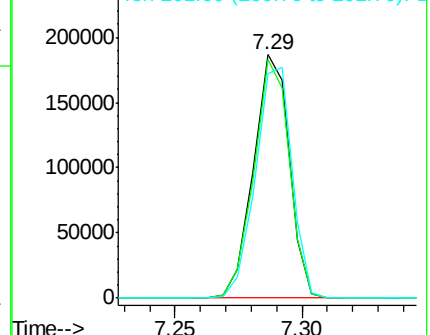
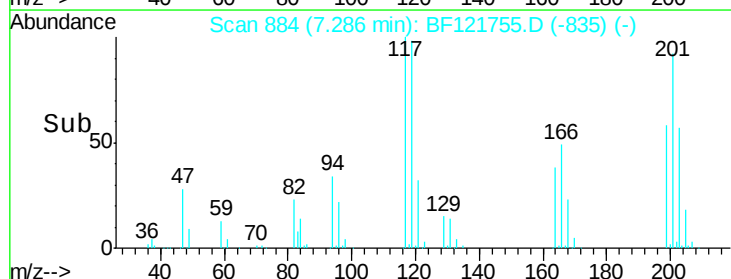
201 92.1 77.4 116.0



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

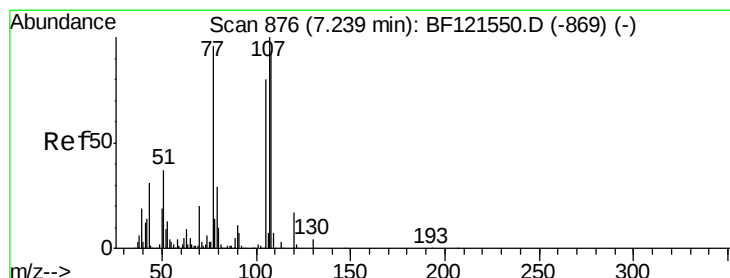
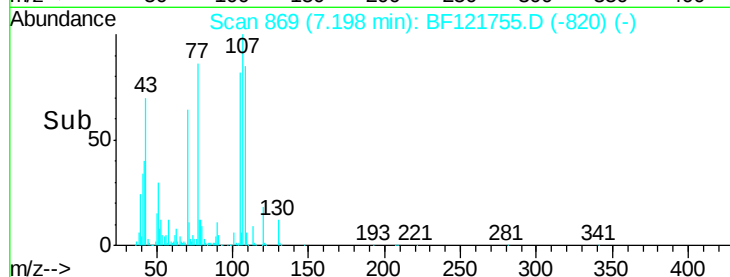
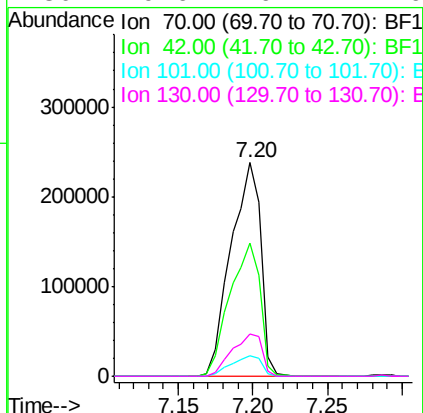
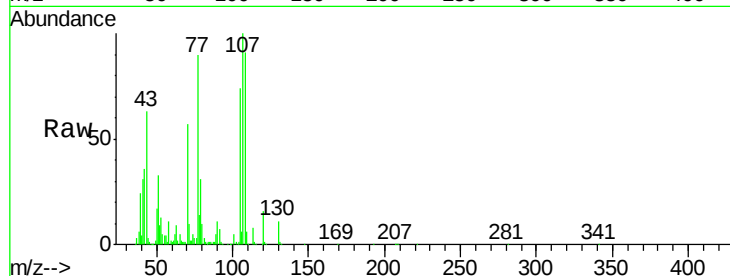




#19
n-Nitroso-di-n-propylamine
Concen: 41.684 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

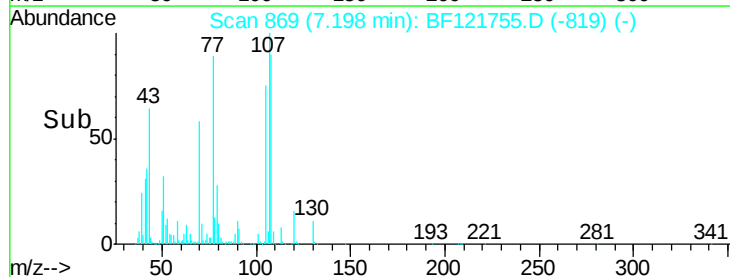
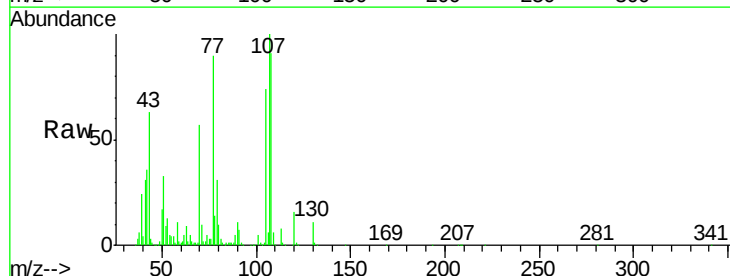
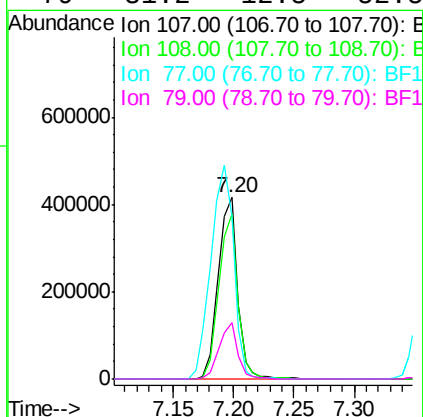
Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

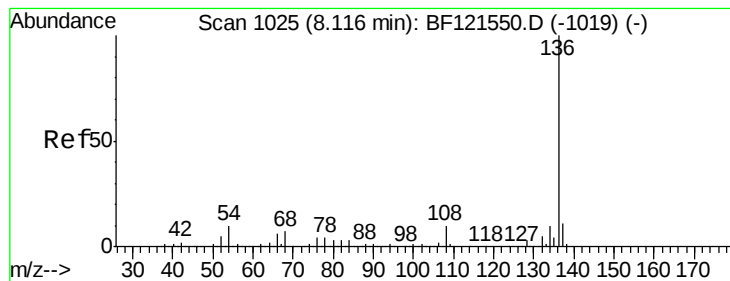
Tot Ion: 70 Resp: 333050
Ion Ratio Lower Upper
70 100
42 62.3 48.6 73.0
101 9.4 7.5 11.3
130 19.6 16.4 24.6



#20
3+4-Methylphenols
Concen: 41.513 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion: 107 Resp: 456593
Ion Ratio Lower Upper
107 100
108 91.2 71.6 111.6
77 89.5 101.6 141.6#
79 31.2 12.5 52.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

Tot Ion:136 Resp: 612455

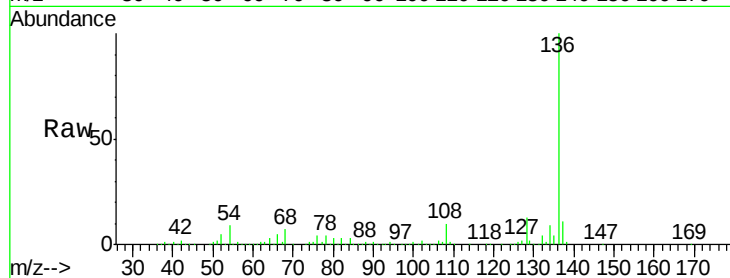
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.2 7.8 11.8

68 6.6 5.6 8.4

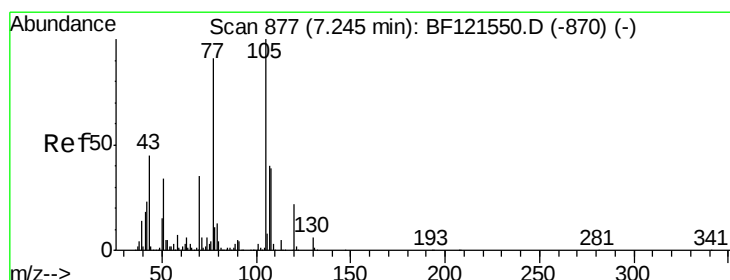
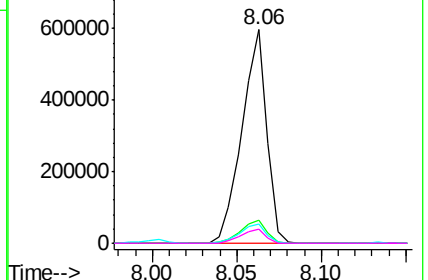
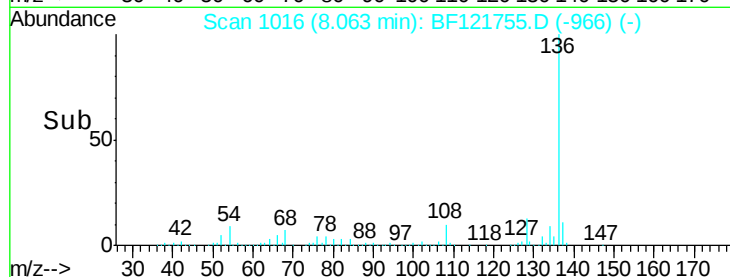


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.127 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Tgt Ion:105 Resp: 623544

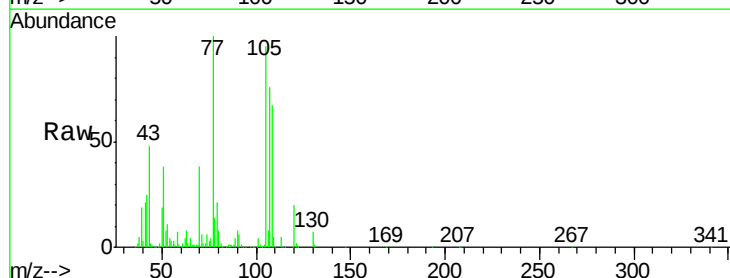
Ion Ratio Lower Upper

105 100

71 6.7 5.8 8.8

51 40.6 31.9 47.9

120 21.5 17.6 26.4

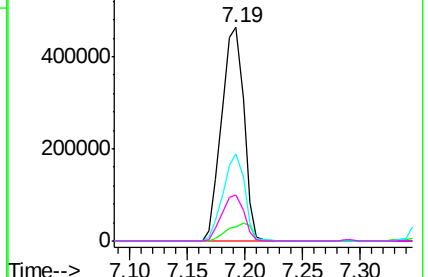
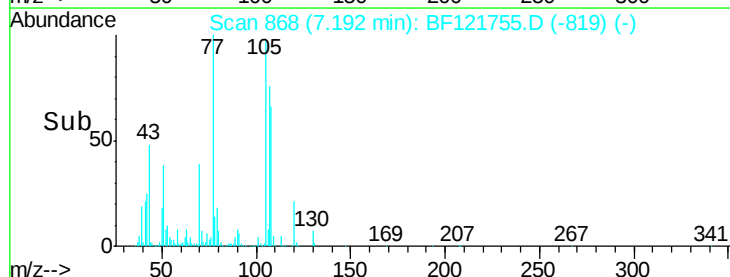


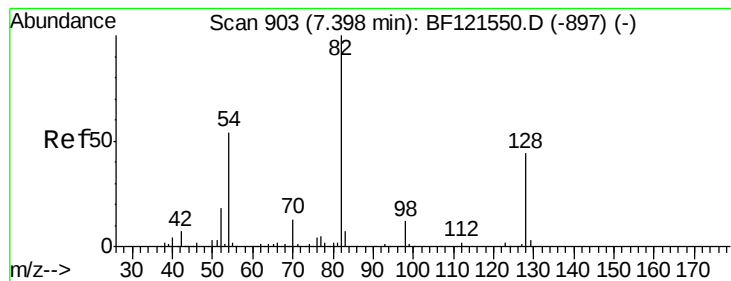
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.662 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

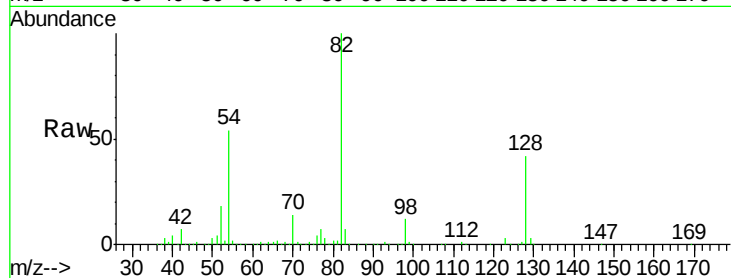
Tot Ion: 82 Resp: 897285

Ion Ratio Lower Upper

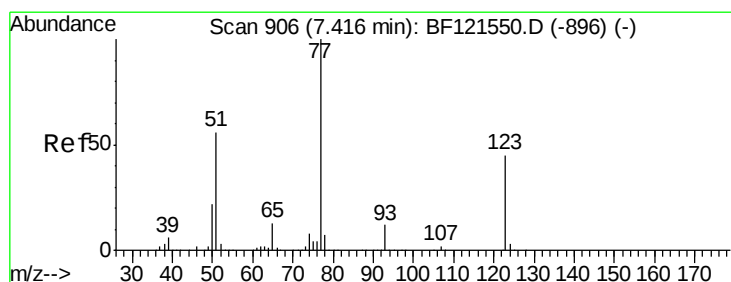
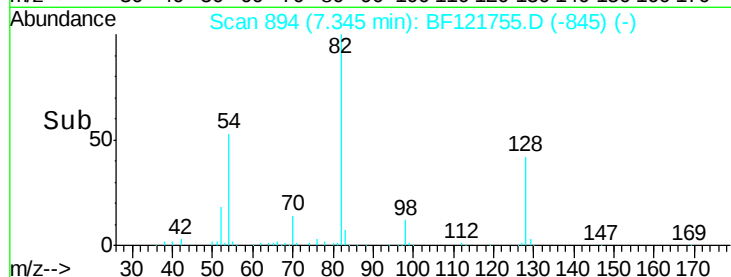
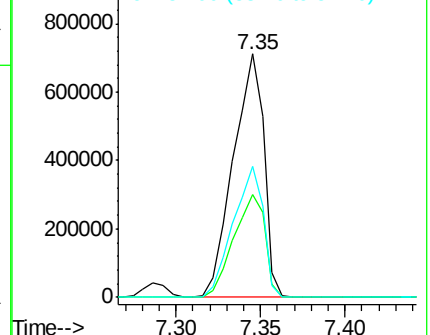
82 100

128 42.2 35.0 52.4

54 53.6 42.5 63.7



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



#24

Nitrobenzene

Concen: 41.990 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

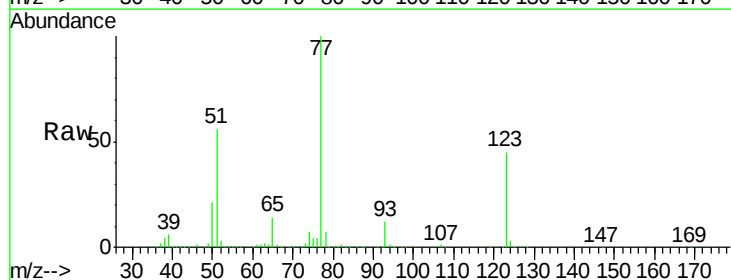
Tgt Ion: 77 Resp: 518040

Ion Ratio Lower Upper

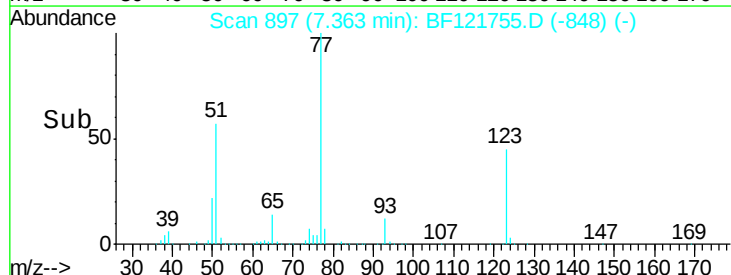
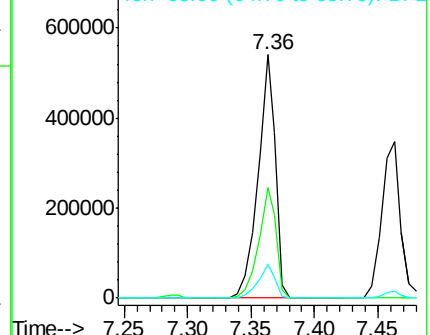
77 100

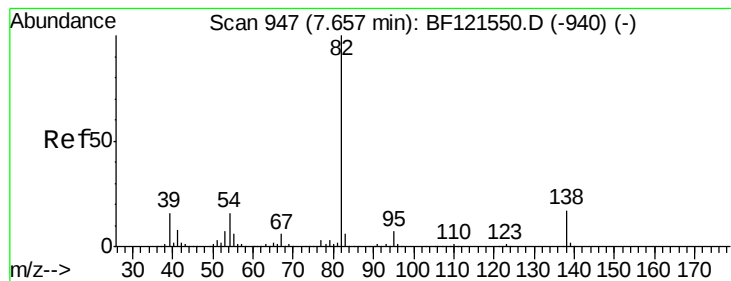
123 45.2 37.6 56.4

65 13.8 11.1 16.7



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: 41.226 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

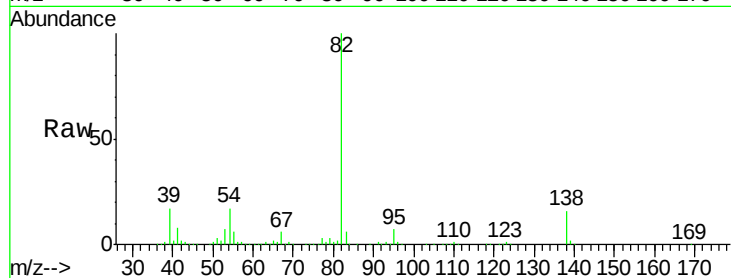
Tot Ion: 82 Resp: 946648

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

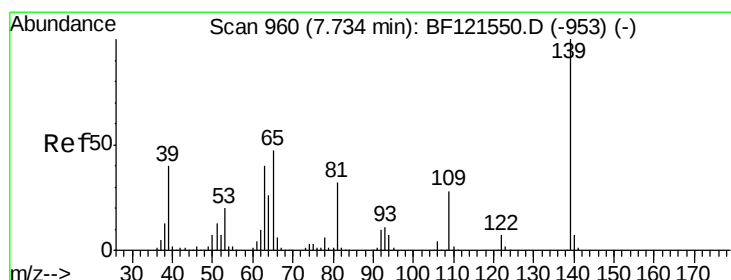
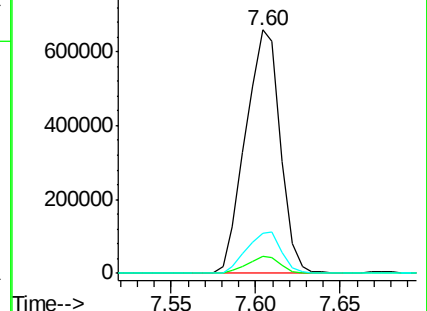
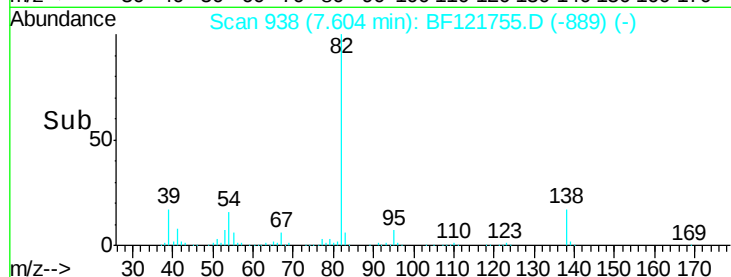
138 16.5 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.264 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

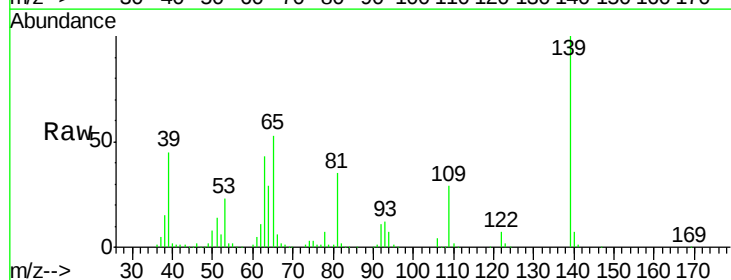
Tgt Ion: 139 Resp: 249726

Ion Ratio Lower Upper

139 100

109 29.3 24.1 36.1

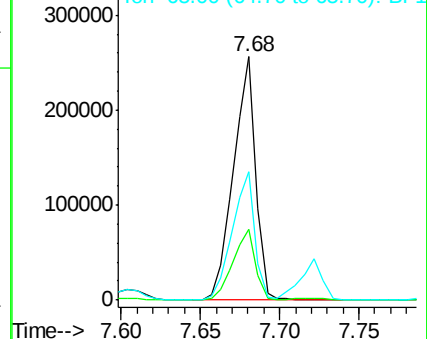
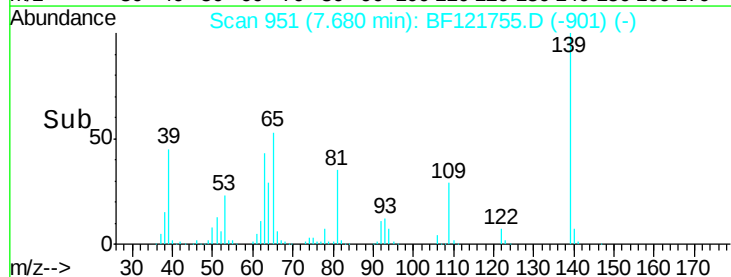
65 52.6 43.8 65.8

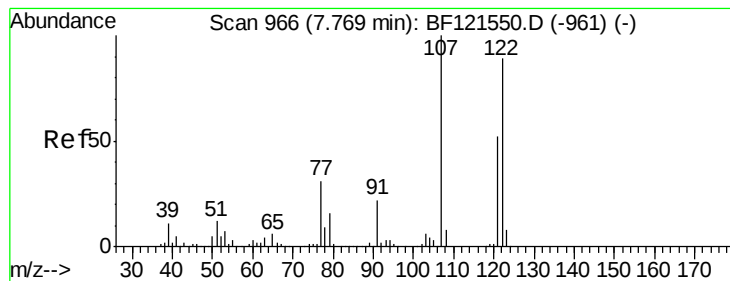


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

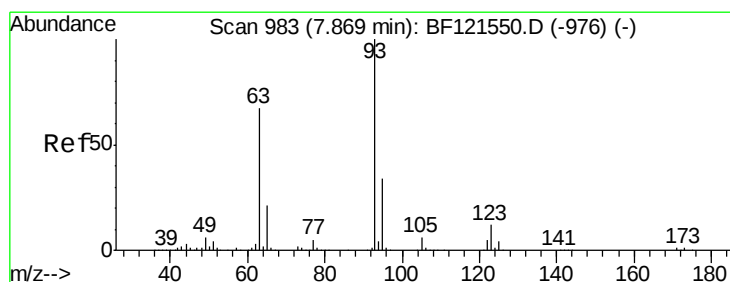
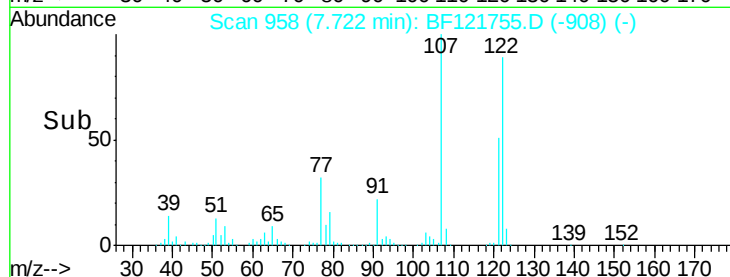
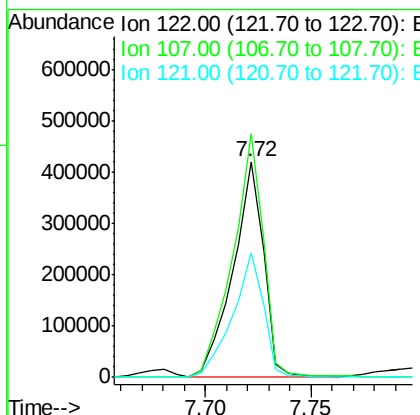
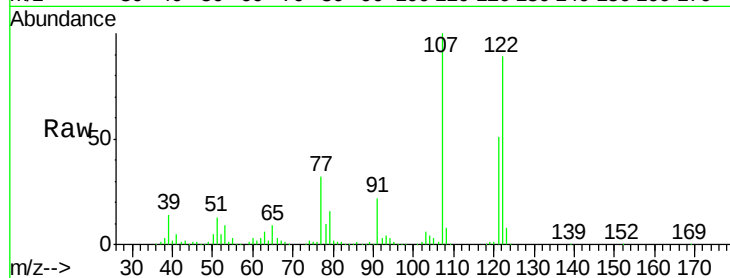




#27
2,4-Dimethylphenol
Concen: 41.215 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

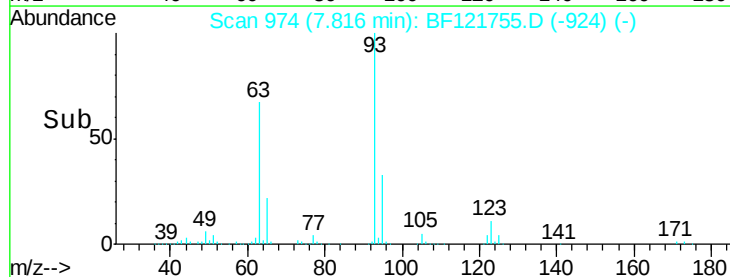
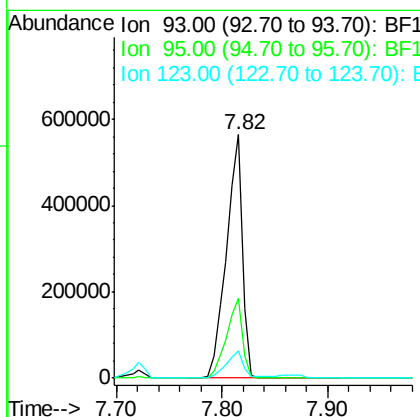
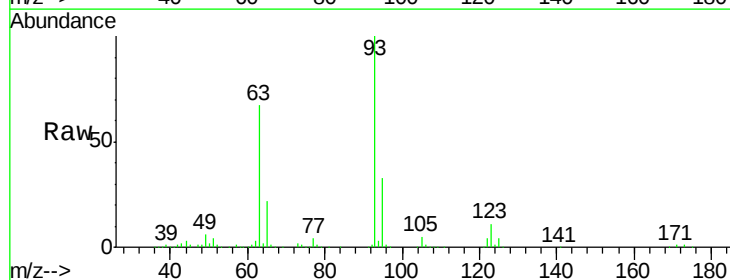
Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

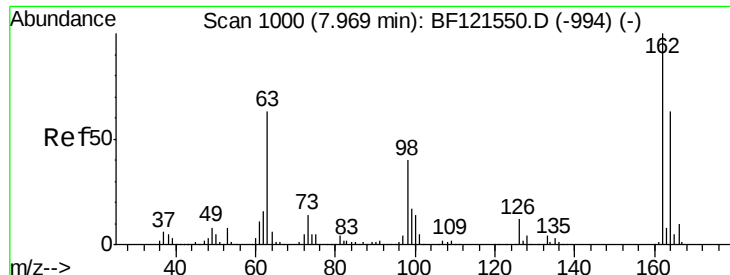
Tot Ion:122 Resp: 422448
Ion Ratio Lower Upper
122 100
107 112.9 92.3 138.5
121 57.6 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 41.904 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion: 93 Resp: 595683
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.4 8.7 13.1

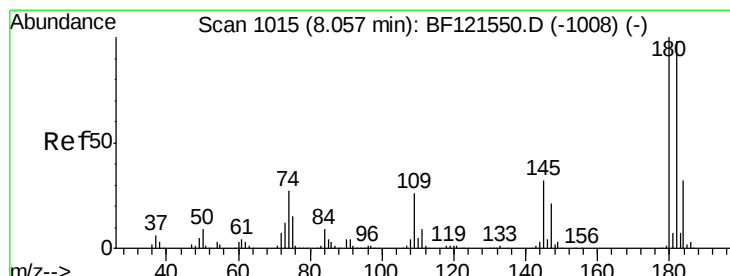
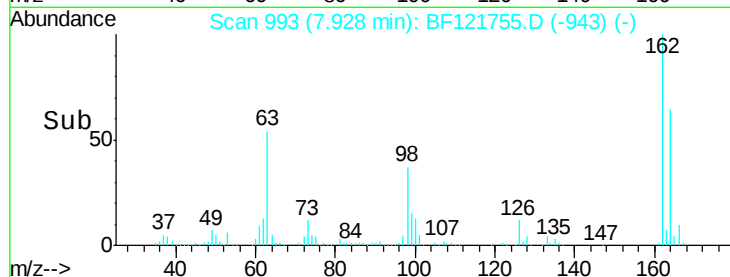
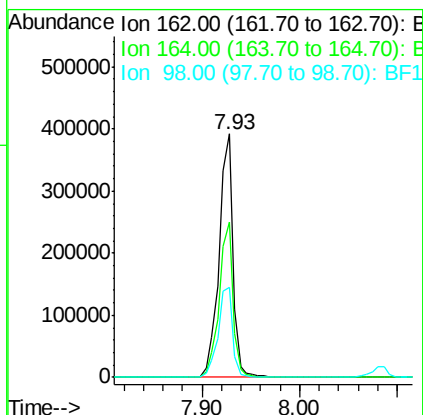
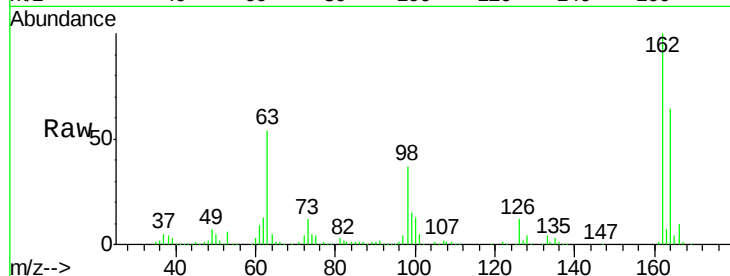




#29
2,4-Dichlorophenol
Concen: 41.728 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

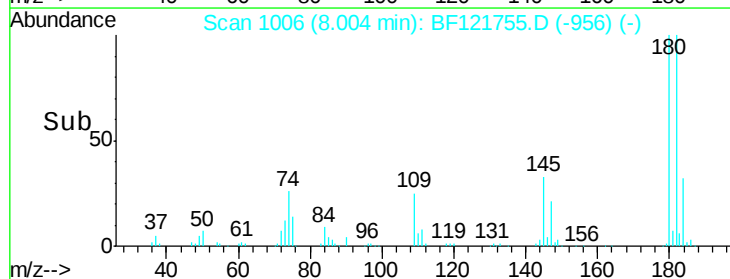
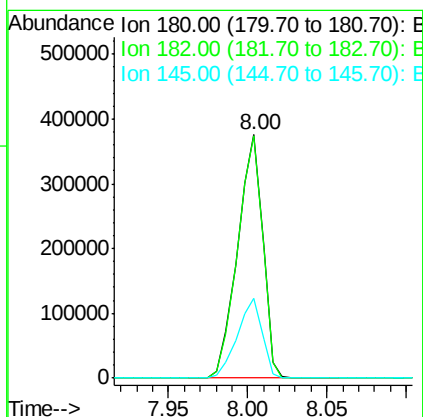
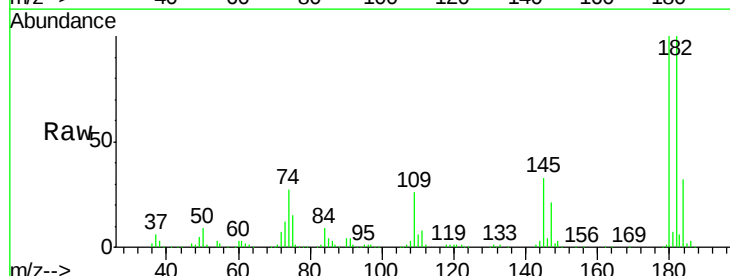
Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

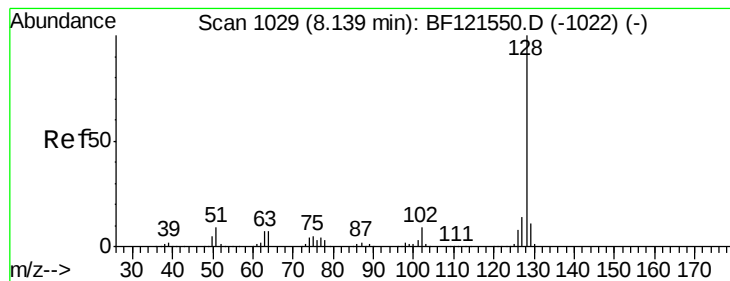
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.2	84.2
98	37.1	18.5	58.5



#30
1,2,4-Trichlorobenzene
Concen: 41.700 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	78.6	117.8
145	32.8	26.3	39.5





#31

Naphthalene

Concen: 41.536 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

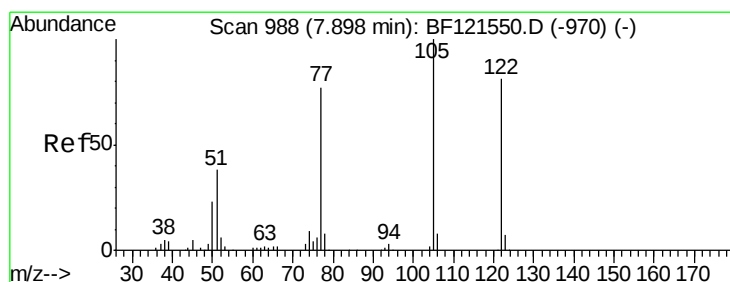
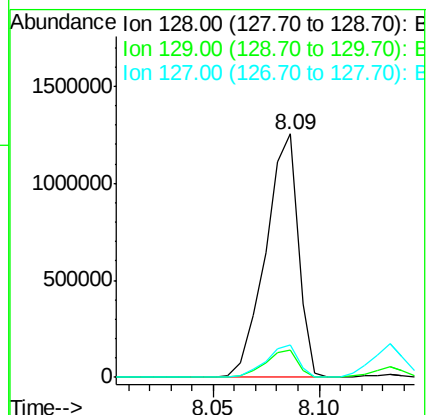
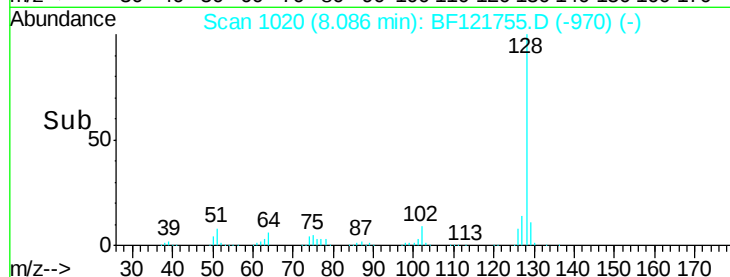
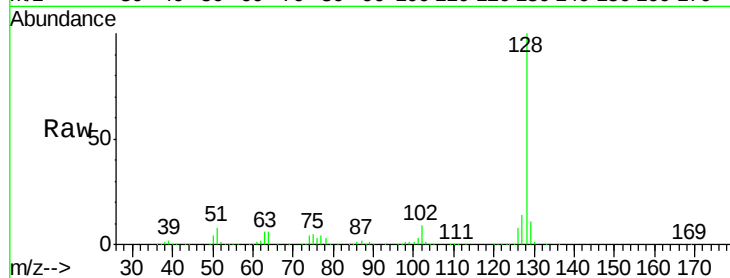
Tot Ion:128 Resp: 1342872

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

127 13.5 10.9 16.3



#32

Benzoic acid

Concen: 36.299 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

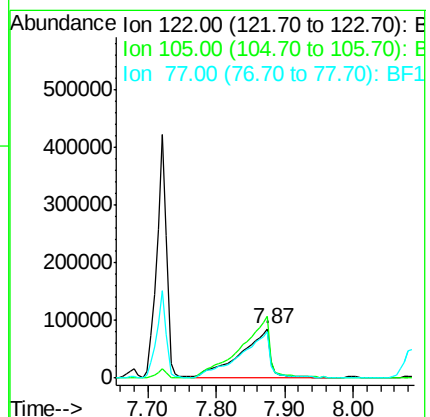
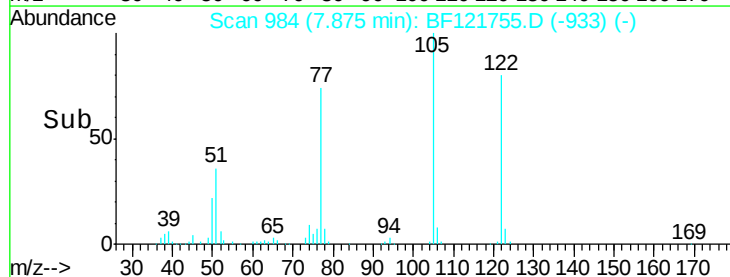
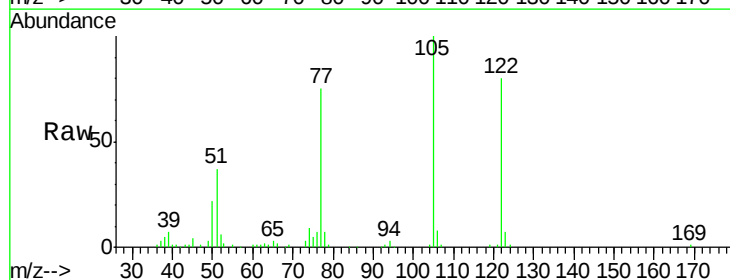
Tgt Ion:122 Resp: 262482

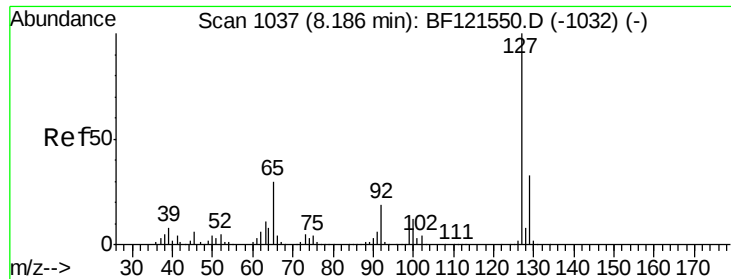
Ion Ratio Lower Upper

122 100

105 125.5 103.8 143.8

77 94.1 75.8 115.8

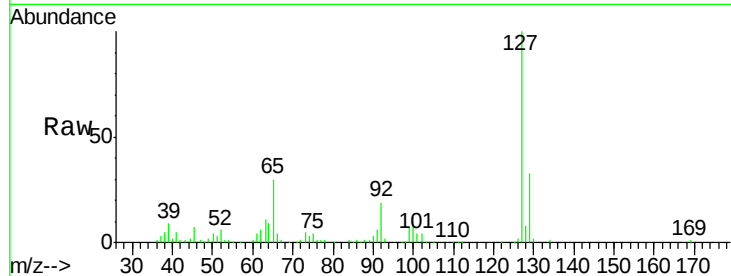




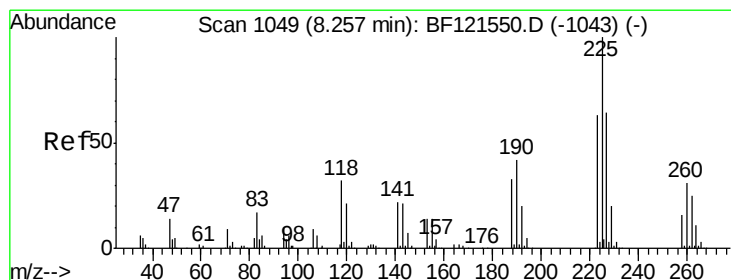
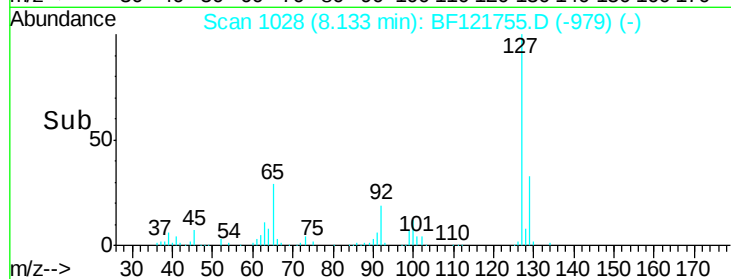
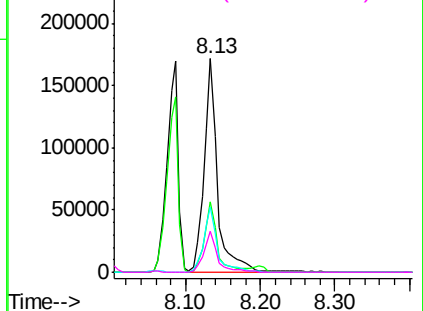
#33
4-Chloroaniline
Concen: 15.443 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion:	127	Resp:	216422
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	30.4	24.2	36.2
92	18.9	15.4	23.0

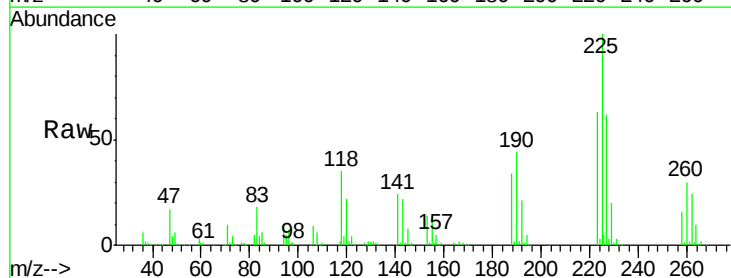


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

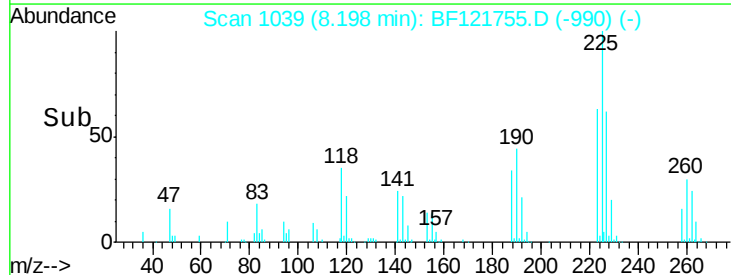
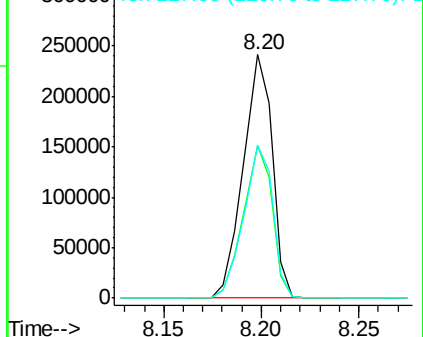


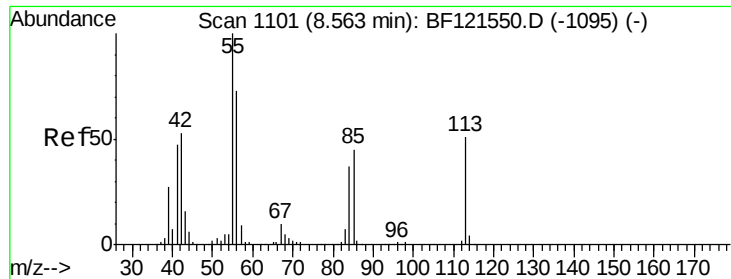
#34
Hexachlorobutadiene
Concen: 43.159 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion:	225	Resp:	249076
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.5	75.7
227	62.5	51.0	76.4



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

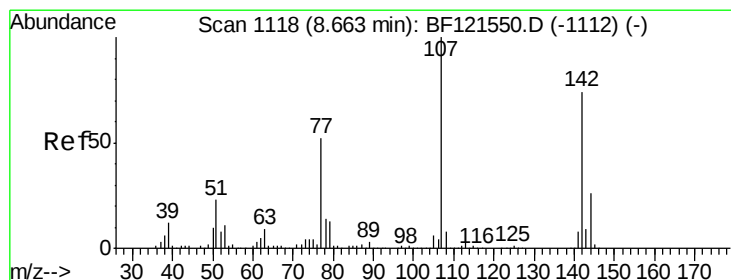
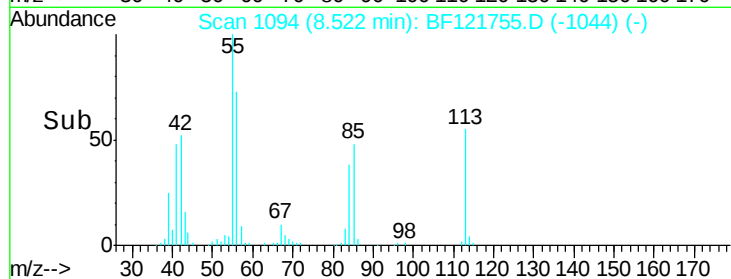
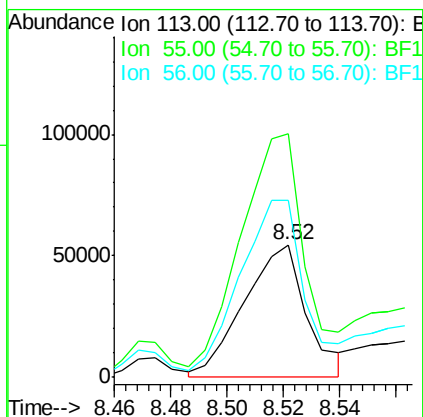
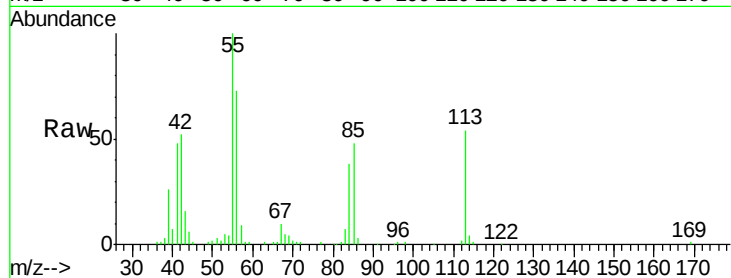




#35
 Caprolactam
 Concen: 26.963 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

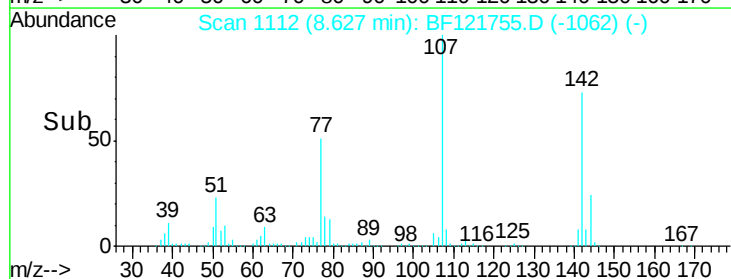
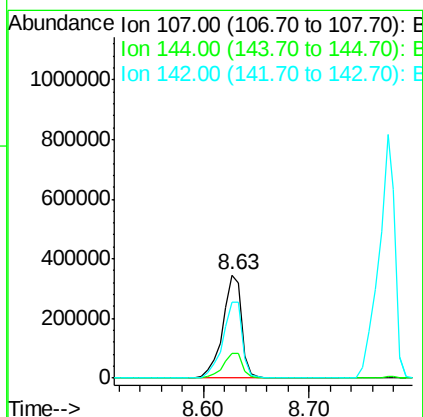
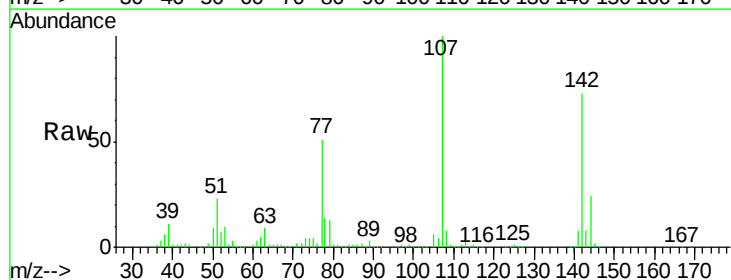
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion:113 Resp: 83825
 Ion Ratio Lower Upper
 113 100
 55 183.5 170.7 210.7
 56 133.4 122.1 162.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.842 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion:107 Resp: 430855
 Ion Ratio Lower Upper
 107 100
 144 24.5 21.2 31.8
 142 73.2 62.2 93.2

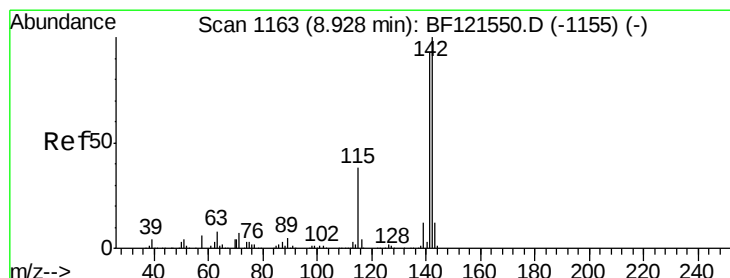
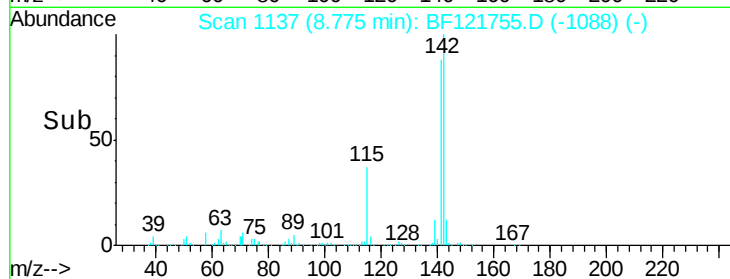
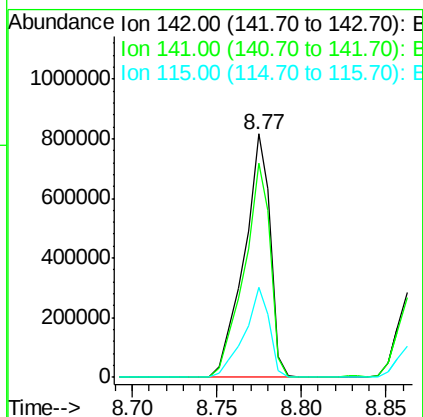
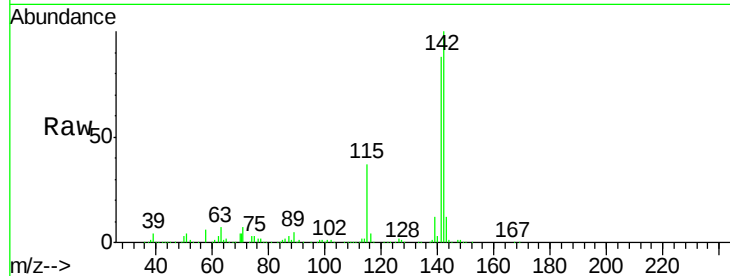




#37
2-Methylnaphthalene
Concen: 41.826 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

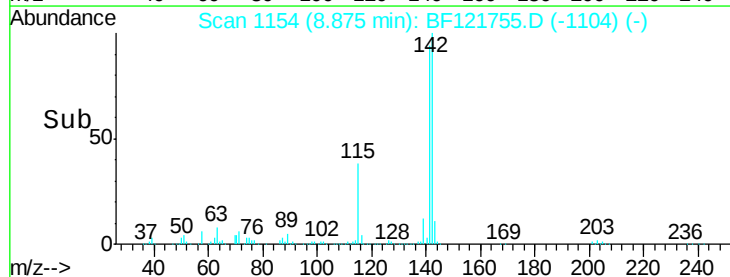
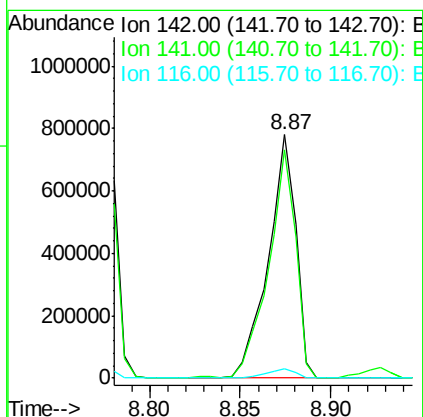
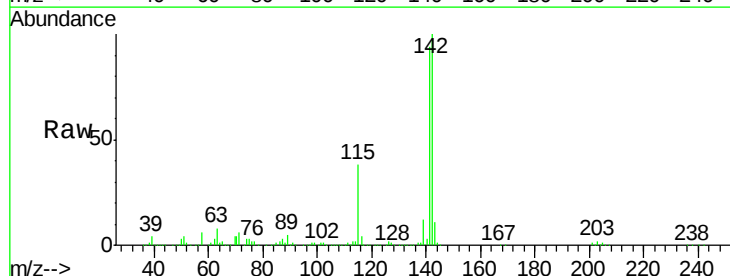
Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

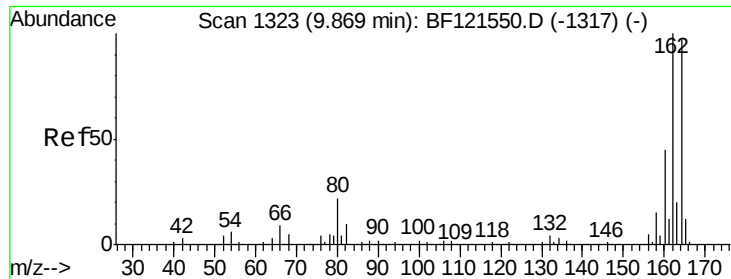
Tot Ion:142 Resp: 886177
Ion Ratio Lower Upper
142 100
141 87.9 70.1 105.1
115 36.8 28.0 42.0



#38
1-Methylnaphthalene
Concen: 41.776 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion:142 Resp: 823765
Ion Ratio Lower Upper
142 100
141 93.6 73.2 109.8
116 4.1 3.2 4.8

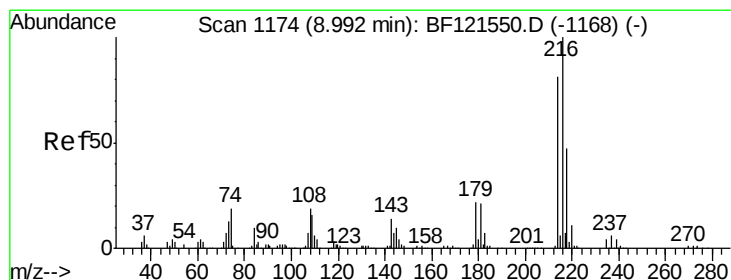
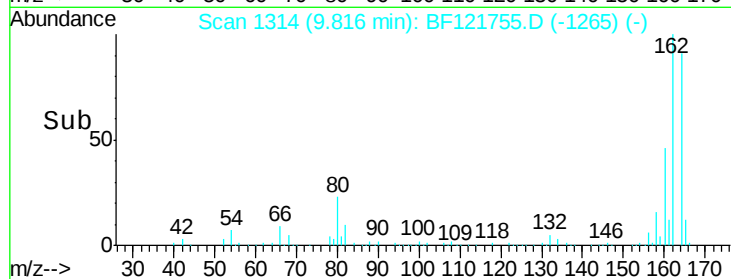
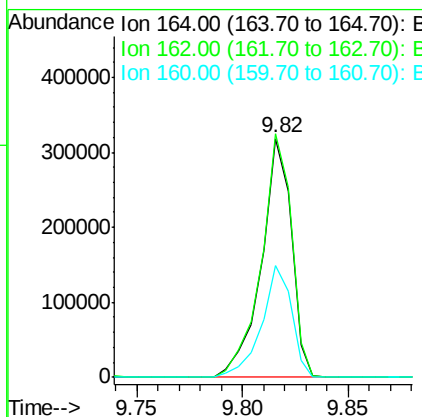
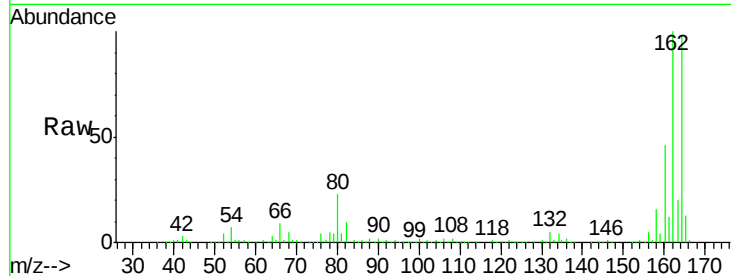




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

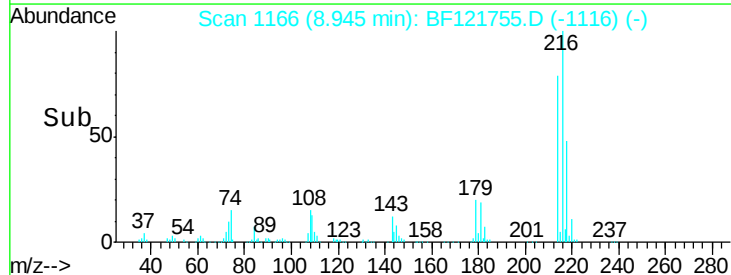
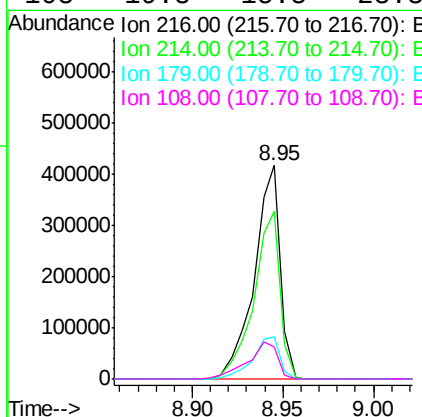
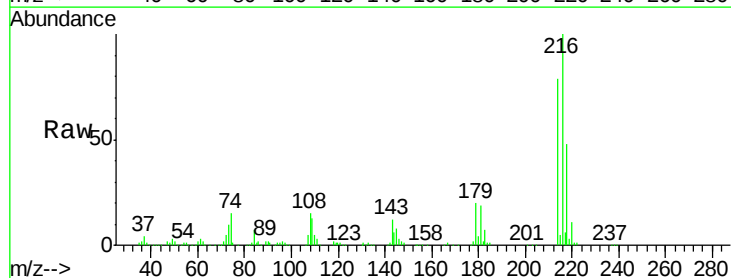
Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion:164 Resp: 317542
Ion Ratio Lower Upper
164 100
162 102.1 80.6 121.0
160 46.9 36.9 55.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.786 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion:216 Resp: 414477
Ion Ratio Lower Upper
216 100
214 79.4 64.0 96.0
179 20.9 16.8 25.2
108 19.8 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 50.048 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

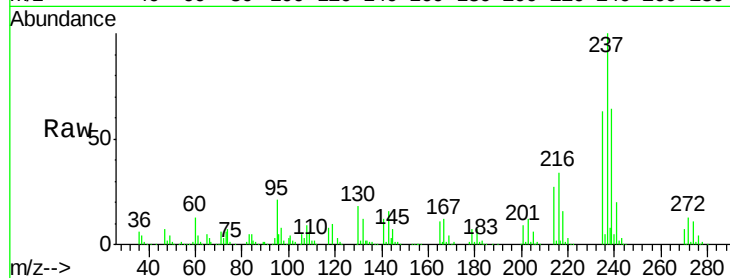
Tot Ion:237 Resp: 283495

Ion Ratio Lower Upper

237 100

235 62.8 42.3 82.3

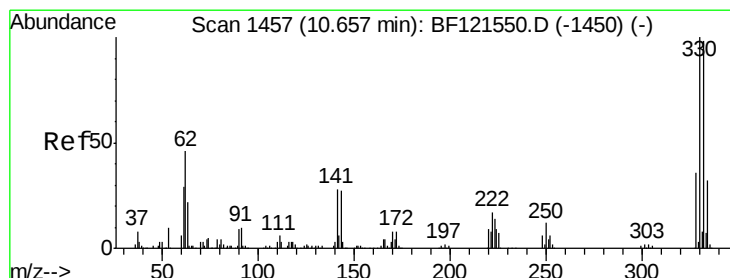
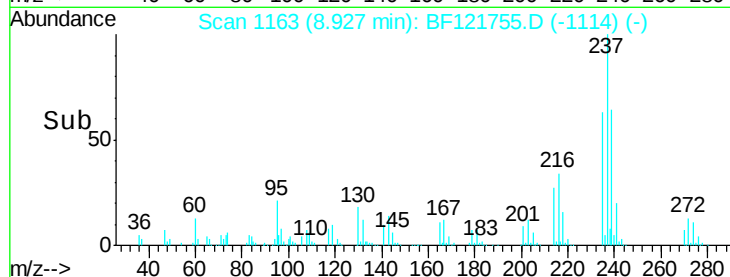
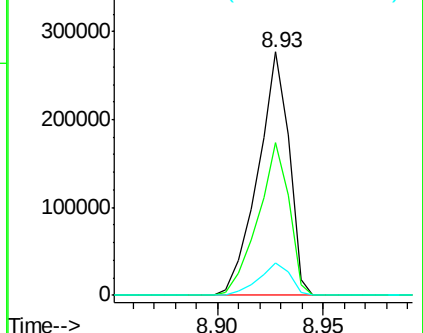
272 13.4 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 100.456 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

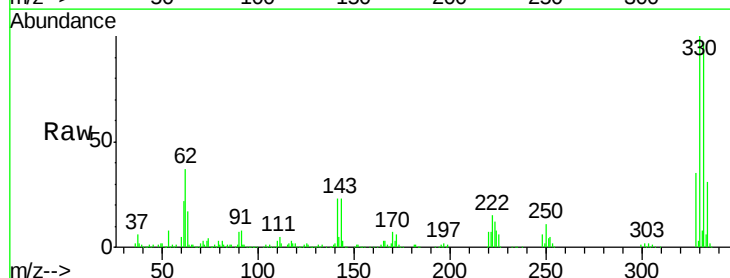
Tgt Ion:330 Resp: 396461

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

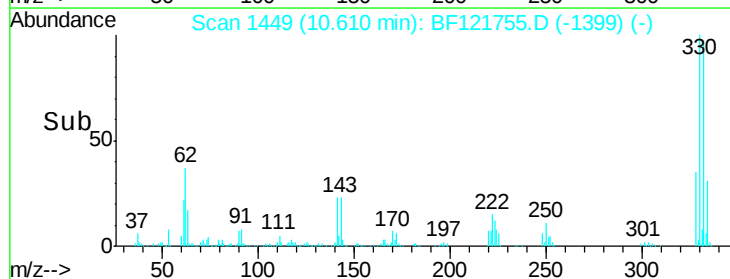
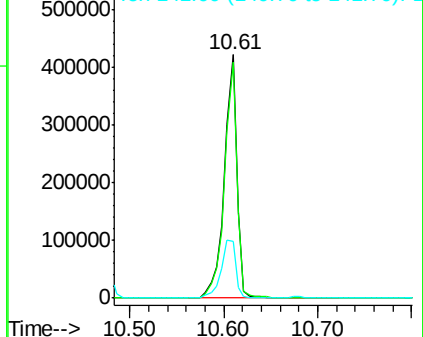
141 28.1 22.9 34.3

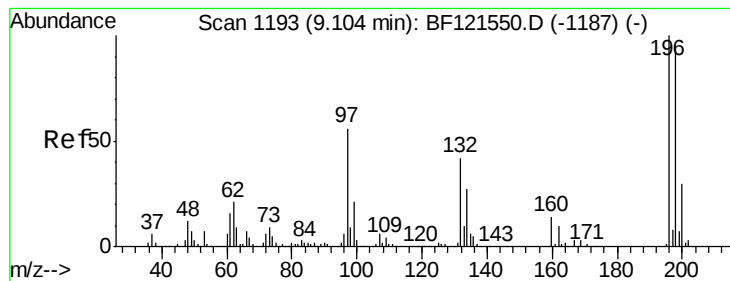


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 41.378 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

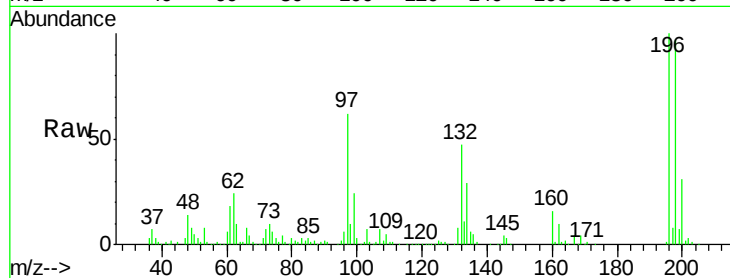
Tot Ion:196 Resp: 279754

Ion Ratio Lower Upper

196 100

198 96.8 75.4 113.0

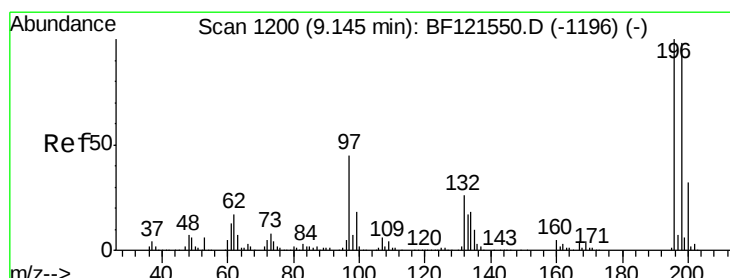
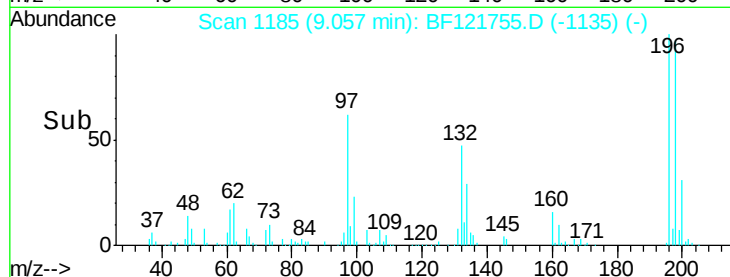
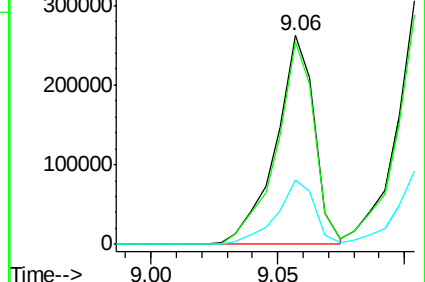
200 30.6 24.2 36.4



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.486 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Tgt Ion:196 Resp: 296516

Ion Ratio Lower Upper

196 100

198 94.5 76.9 115.3

97 52.7 36.9 55.3

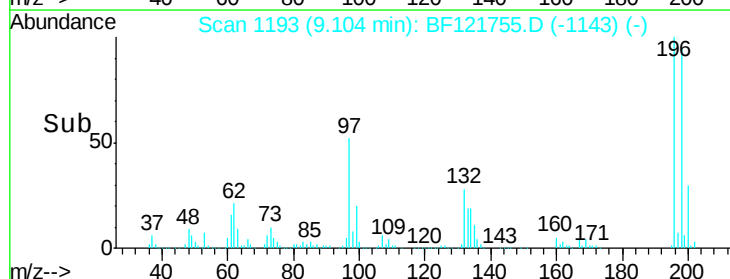
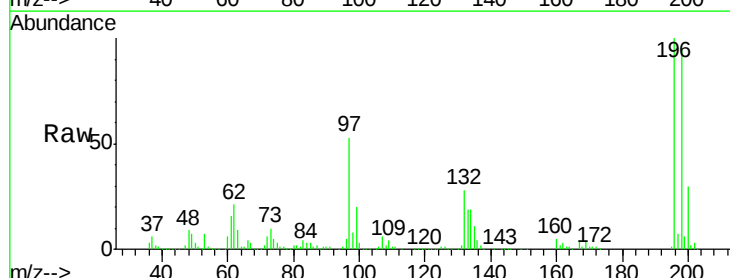
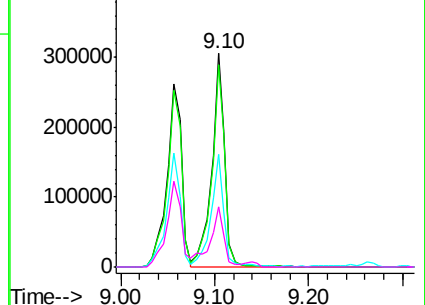
132 28.2 20.7 31.1

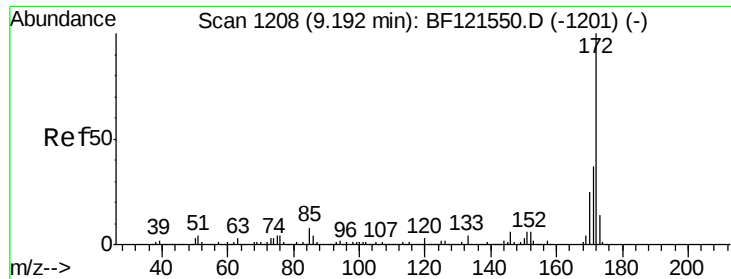
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

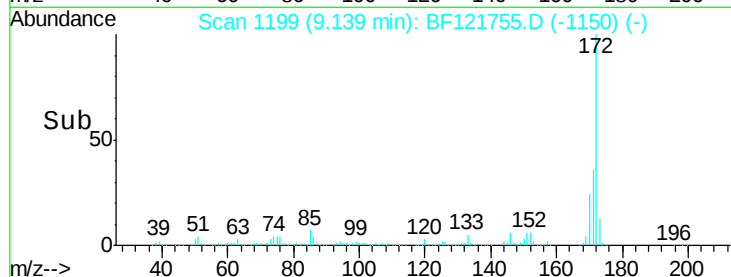
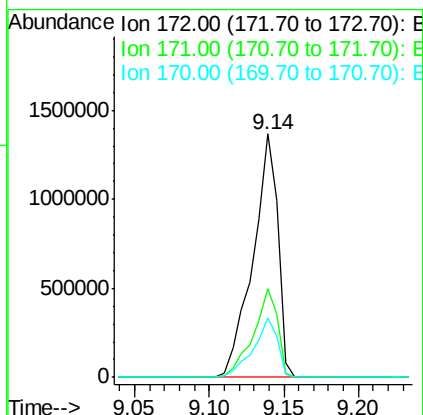
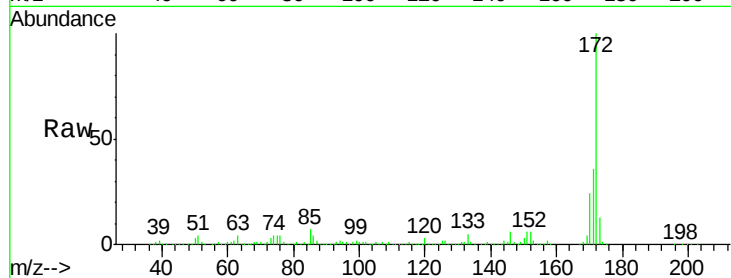




#45
2-Fluorobiphenyl
Concen: 74.740 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

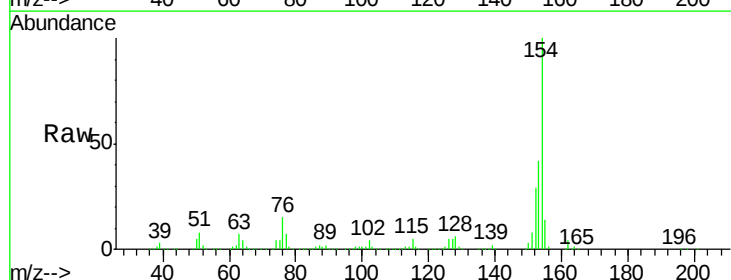
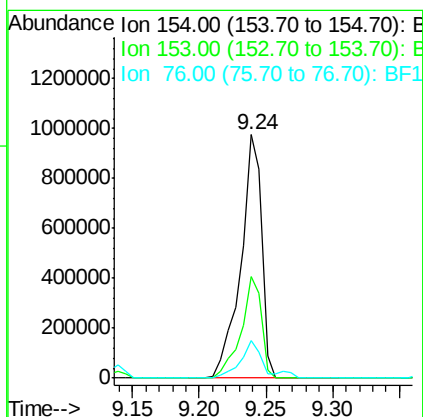
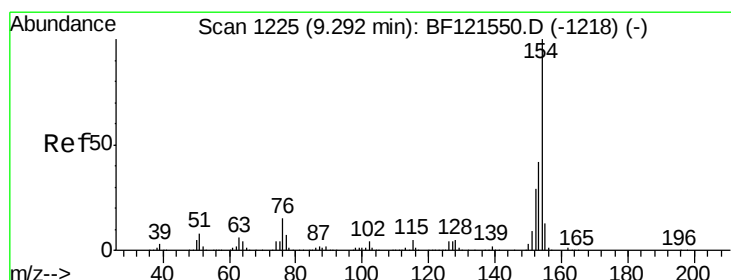
Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

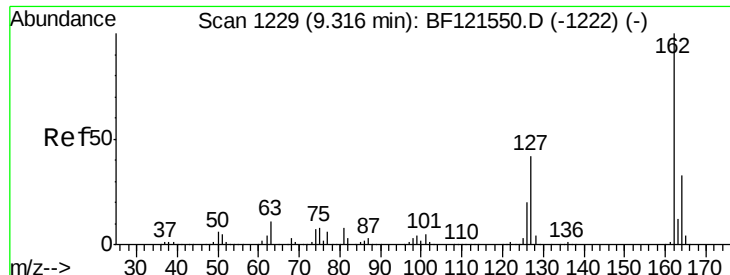
Tot Ion:172 Resp: 1567029
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.2 19.7 29.5



#46
1,1'-Biphenyl
Concen: 41.550 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion:154 Resp: 1056247
Ion Ratio Lower Upper
154 100
153 41.6 21.2 61.2
76 15.4 0.0 33.3

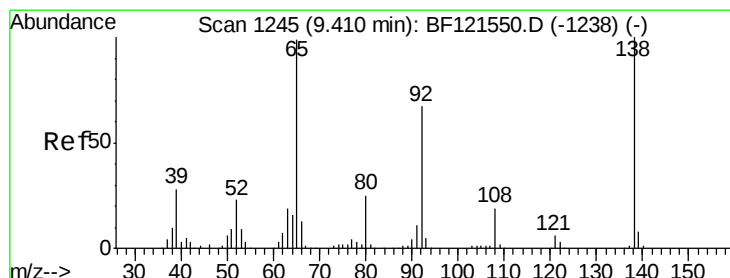
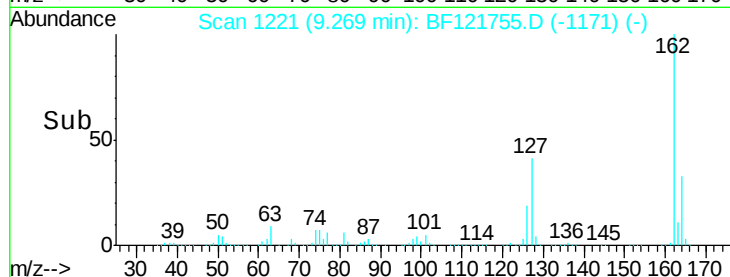
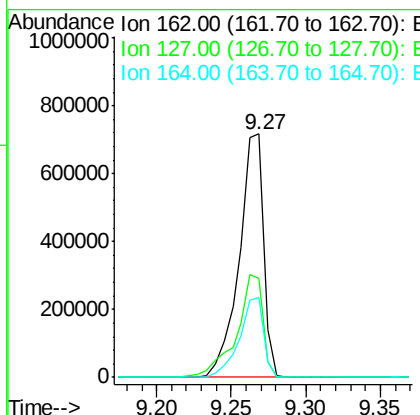
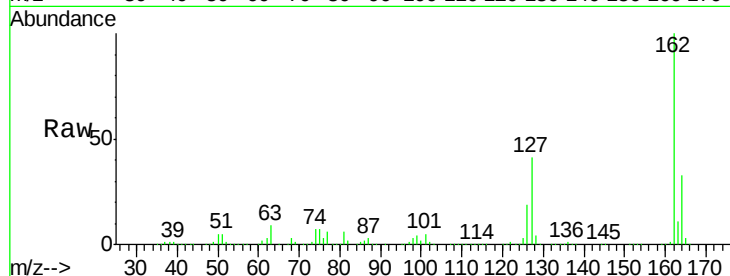




#47
 2-Chloronaphthalene
 Concen: 40.698 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

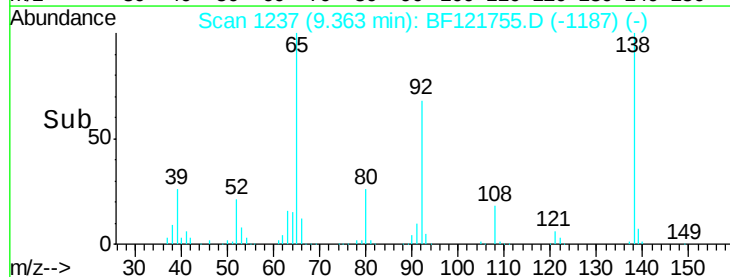
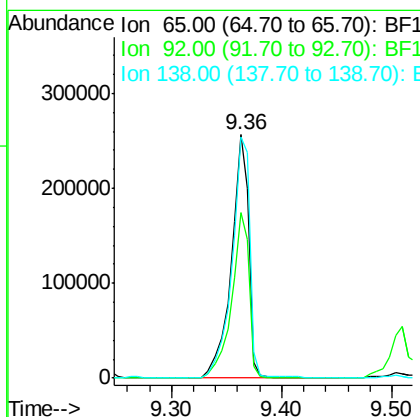
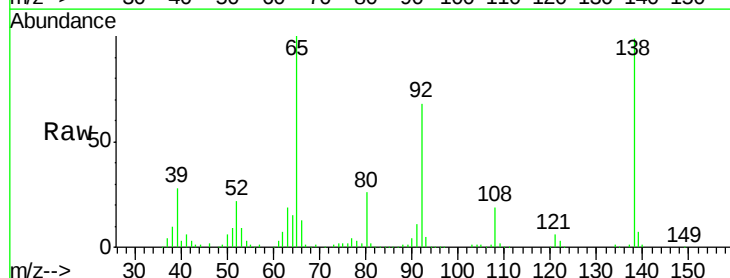
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

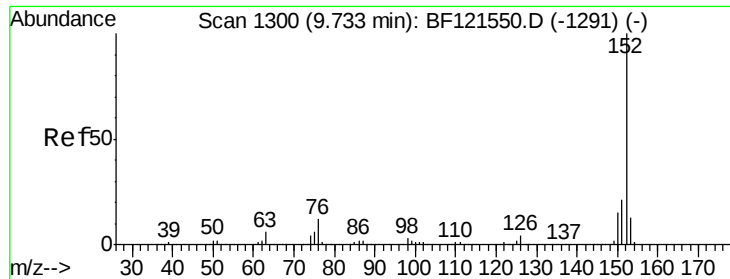
Tot Ion:162 Resp: 815280
 Ion Ratio Lower Upper
 162 100
 127 40.5 33.8 50.6
 164 33.0 26.2 39.4



#48
 2-Nitroaniline
 Concen: 45.425 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion: 65 Resp: 282780
 Ion Ratio Lower Upper
 65 100
 92 67.8 53.1 79.7
 138 98.9 76.7 115.1





#49

Acenaphthylene

Concen: 40.838 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

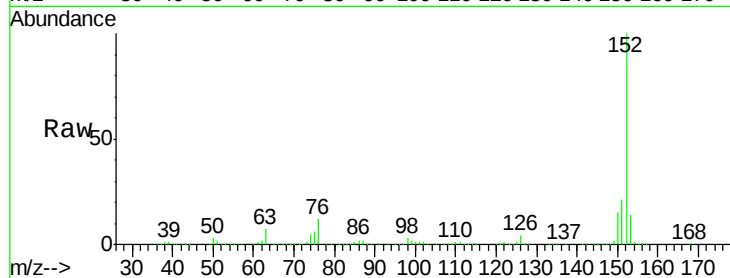
Tot Ion:152 Resp: 1256992

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

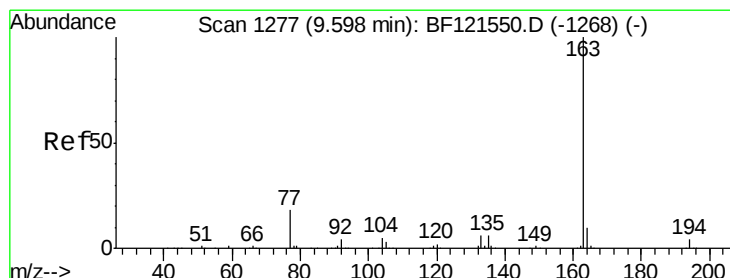
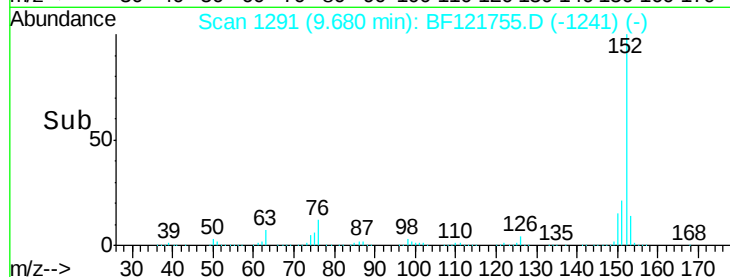
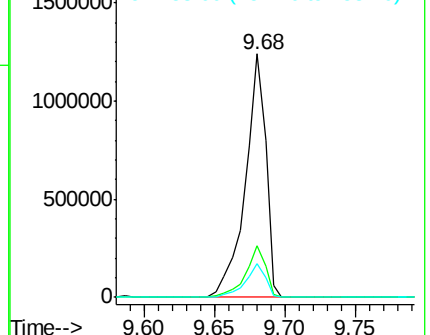
153 13.7 10.9 16.3



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: 49.330 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

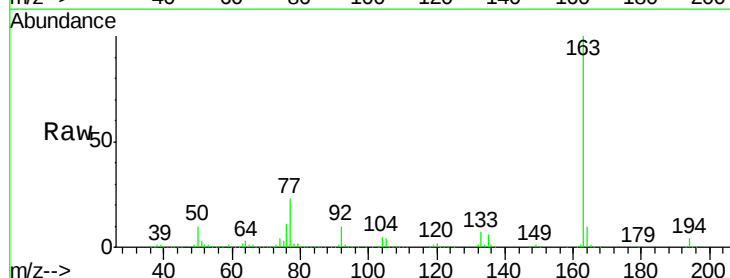
Tgt Ion:163 Resp: 1135330

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

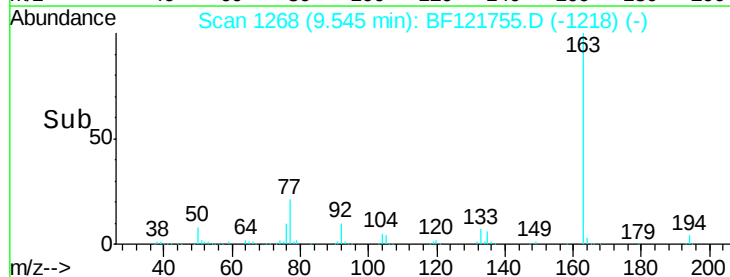
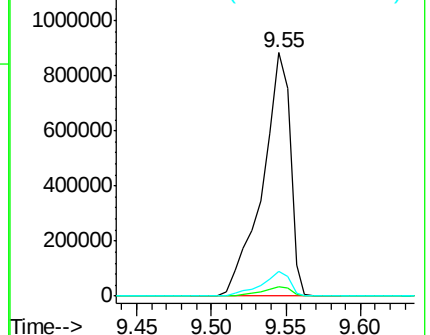
164 10.3 8.5 12.7

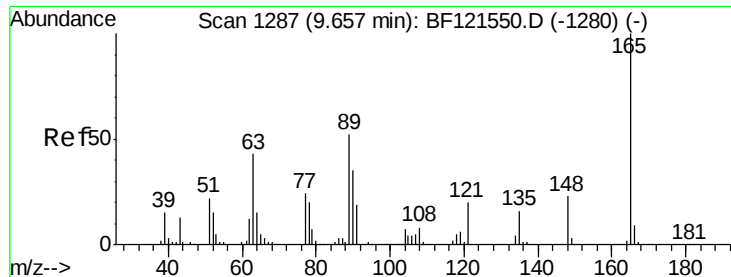


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

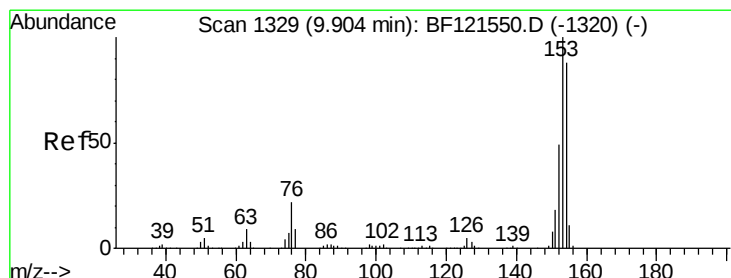
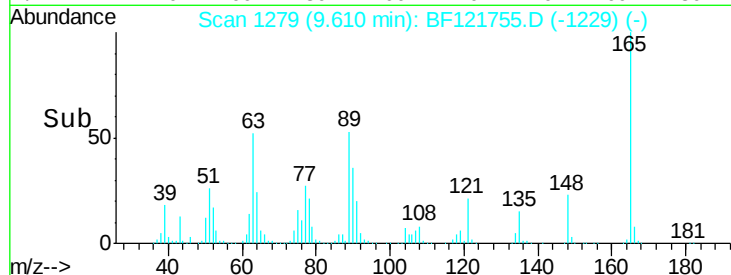
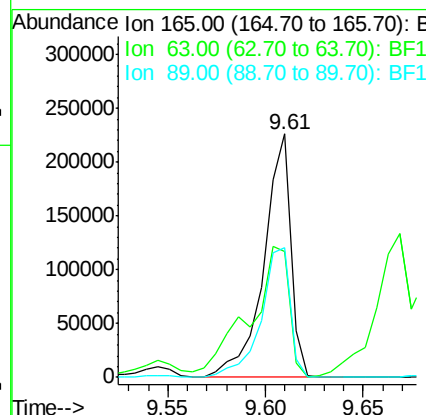
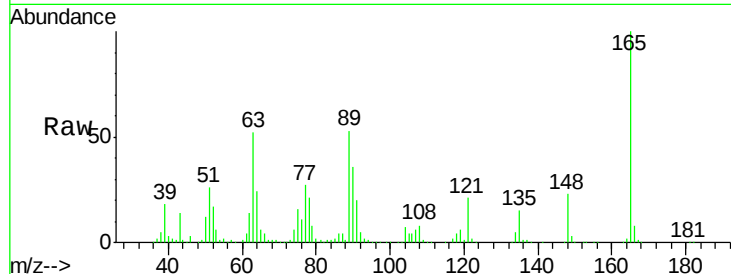




#51
 2,6-Dinitrotoluene
 Concen: 44.409 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

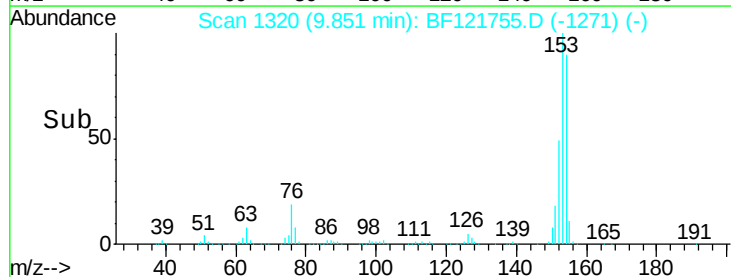
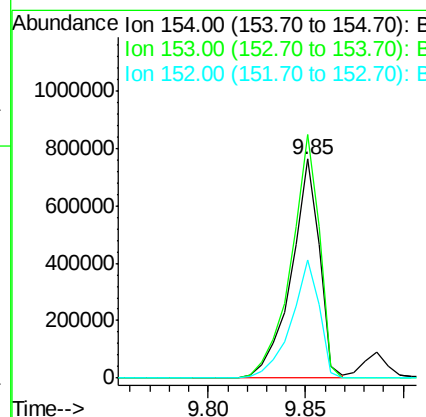
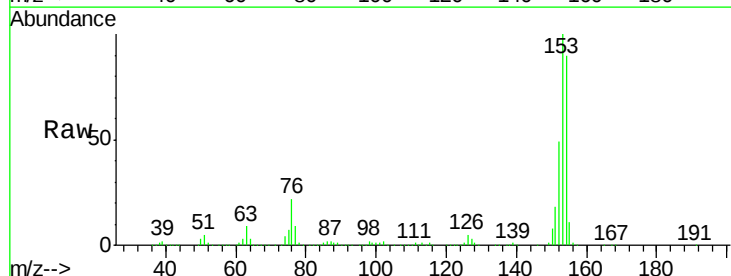
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

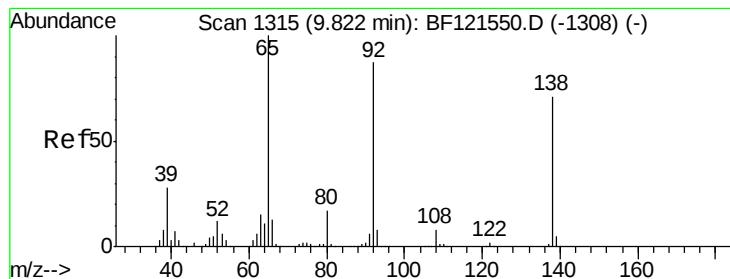
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.0	43.8	65.6
89	53.1	43.0	64.4



#52
 Acenaphthene
 Concen: 39.104 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.7	136.1
152	54.2	43.9	65.9





#53

3-Nitroaniline

Concen: 21.490 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

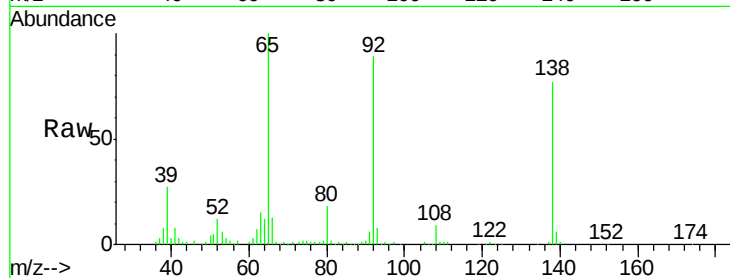
Tot Ion:138 Resp: 122019

Ion Ratio Lower Upper

138 100

108 11.1 9.0 13.4

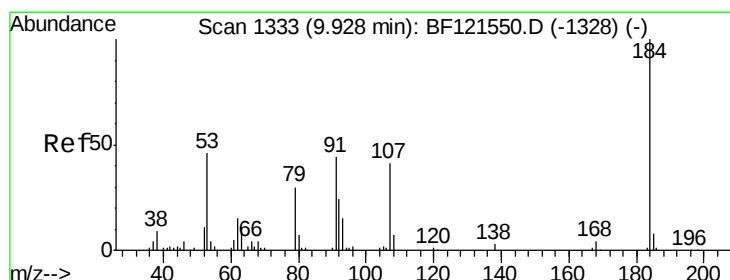
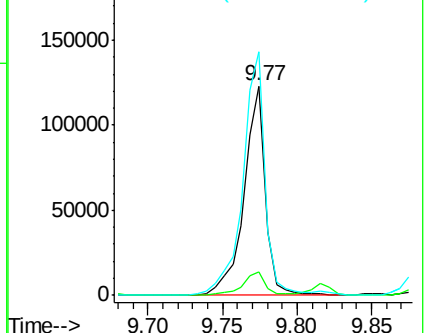
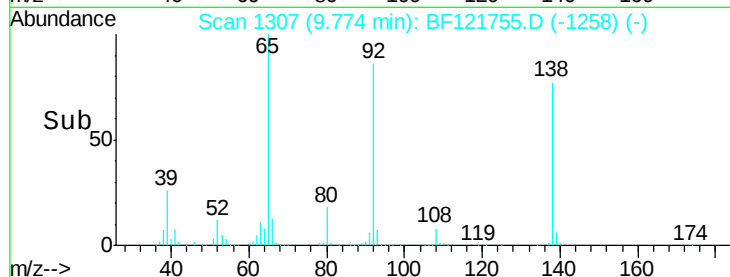
92 116.5 93.4 140.0



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: 54.663 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

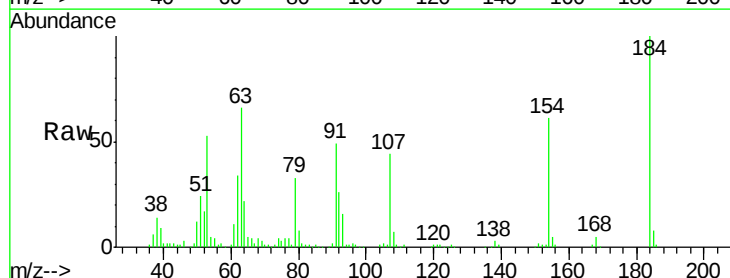
Tgt Ion:184 Resp: 145397

Ion Ratio Lower Upper

184 100

63 66.2 50.1 75.1

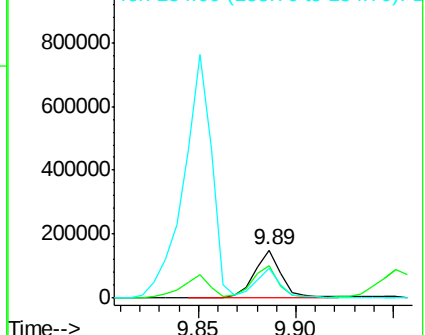
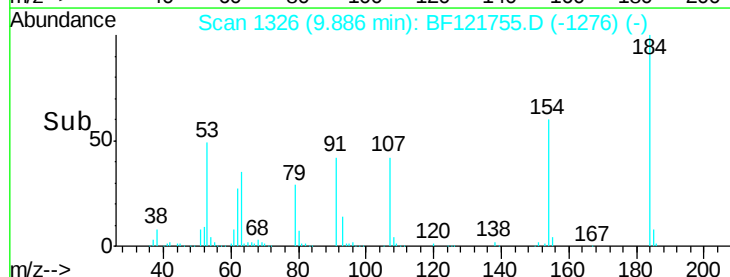
154 60.7 47.0 70.6

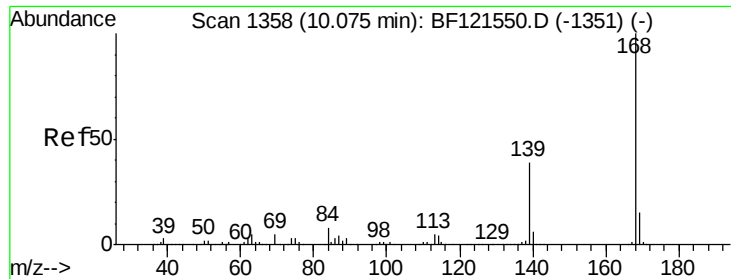


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

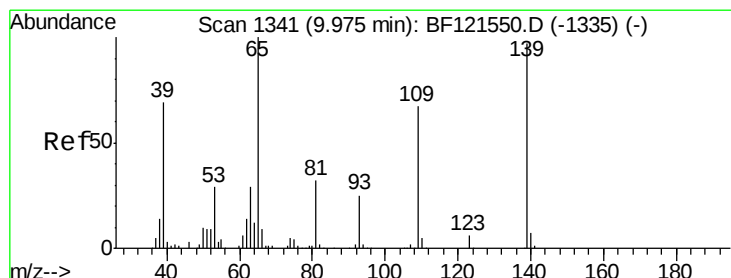
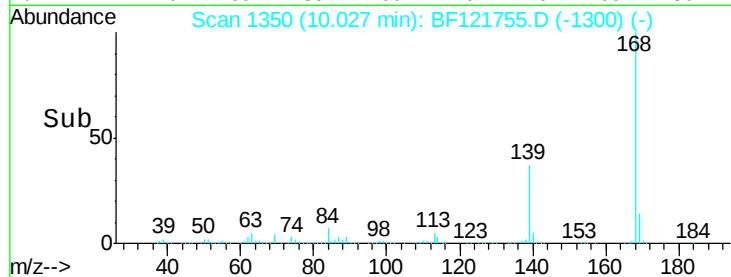
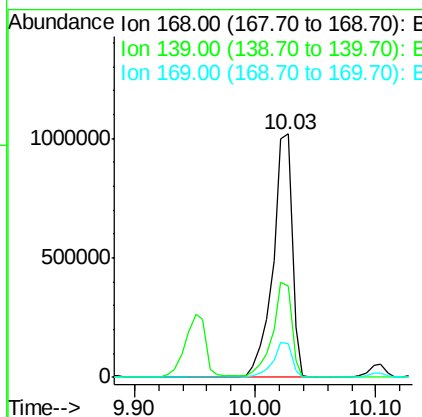
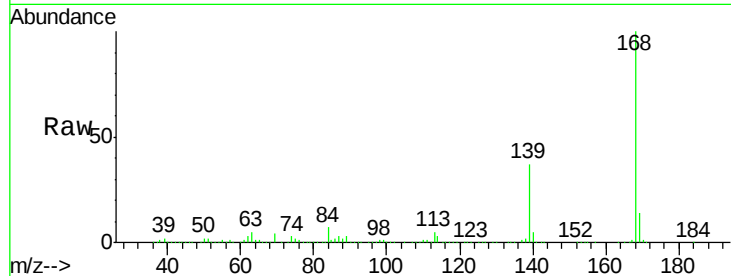




#55
Dibenzofuran
Concen: 40.619 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

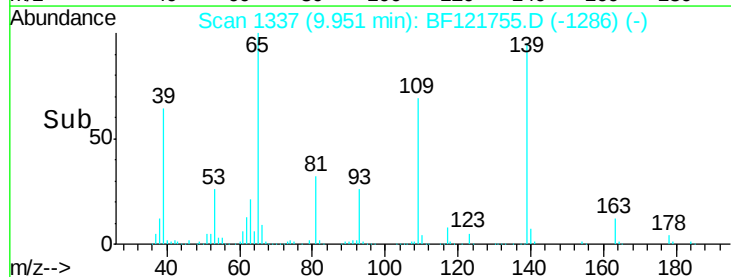
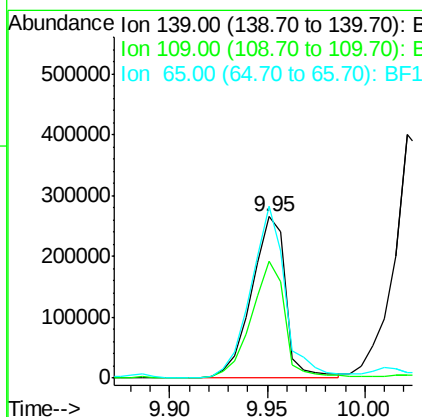
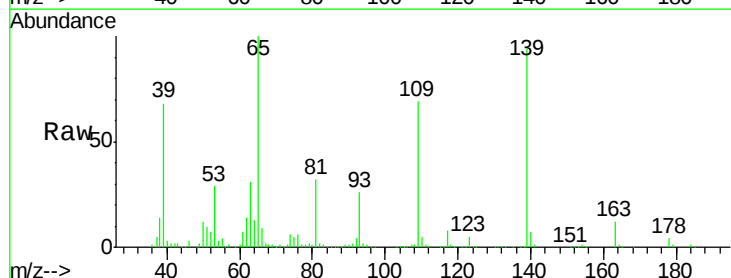
Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion:168 Resp: 1112064
Ion Ratio Lower Upper
168 100
139 37.4 30.3 45.5
169 13.9 11.2 16.8



#56
4-Nitrophenol
Concen: 71.444 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion:139 Resp: 323513
Ion Ratio Lower Upper
139 100
109 72.9 48.4 88.4
65 106.3 77.7 117.7

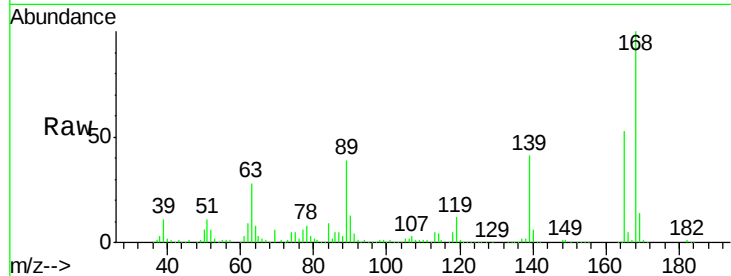




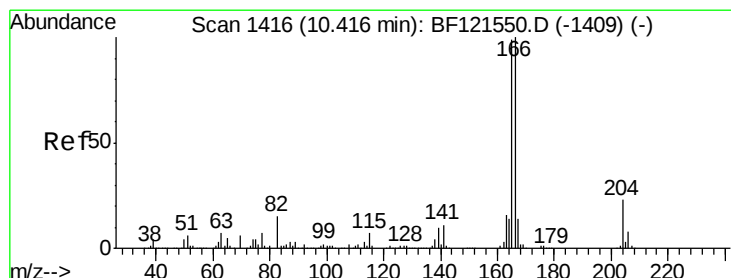
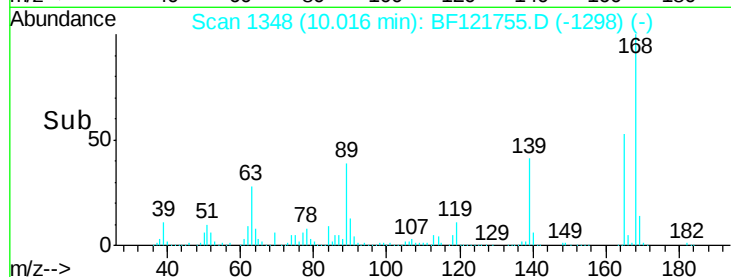
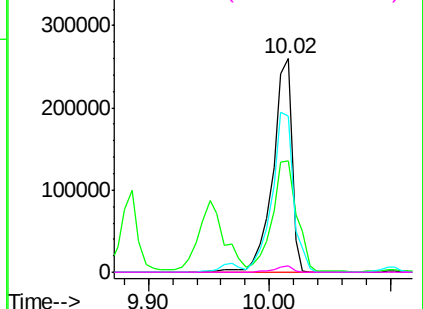
#57
2,4-Dinitrotoluene
Concen: 45.708 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion:165	Resp:	281850
Ion Ratio	Lower	Upper
165	100	
63	52.4	39.0 58.6
89	73.1	57.5 86.3
182	2.7	2.2 3.4

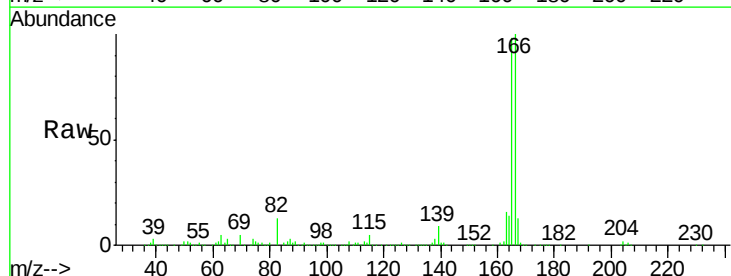


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

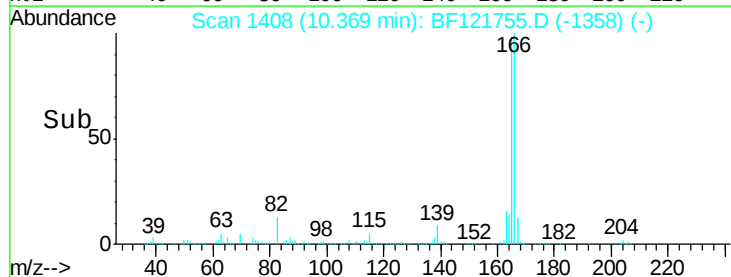
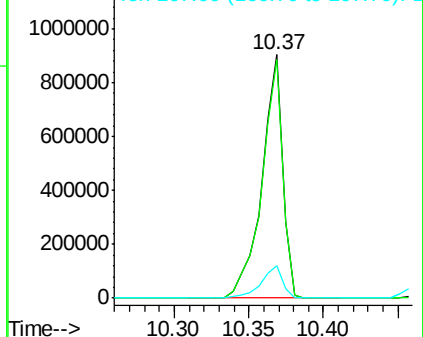


#58
Fluorene
Concen: 41.248 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion:166	Resp:	863599
Ion Ratio	Lower	Upper
166	100	
165	97.8	79.2 118.8
167	13.3	10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

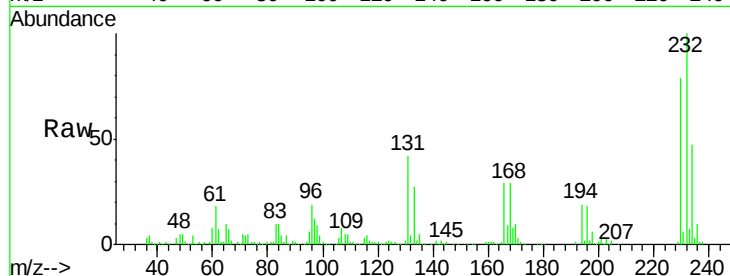




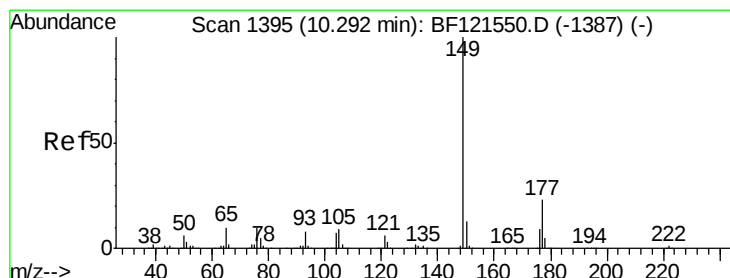
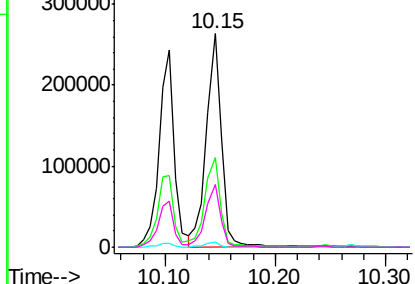
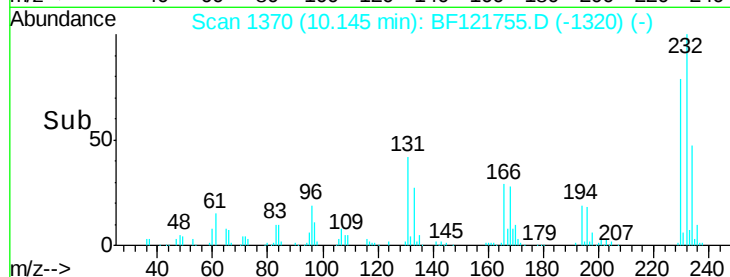
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.551 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion:	232	Resp:	241438
Ion	Ratio	Lower	Upper
232	100		
131	42.4	34.9	52.3
130	2.4	1.7	2.5
166	28.9	23.7	35.5

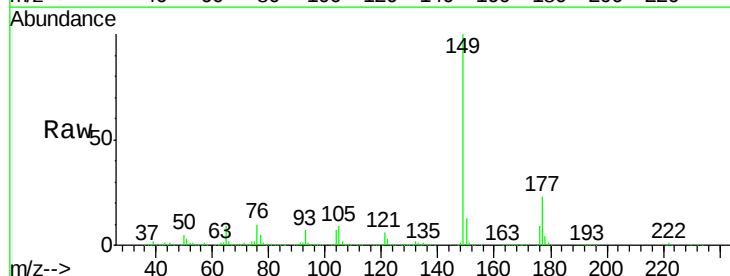


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

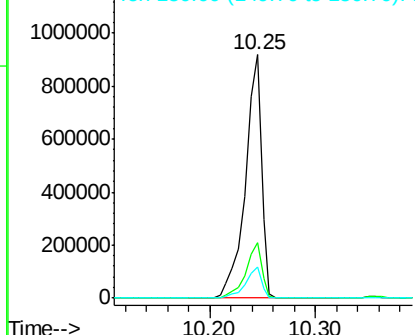
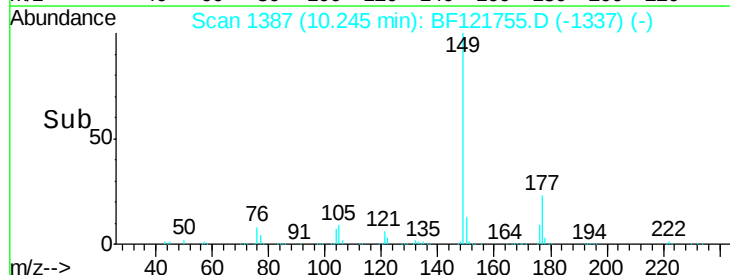


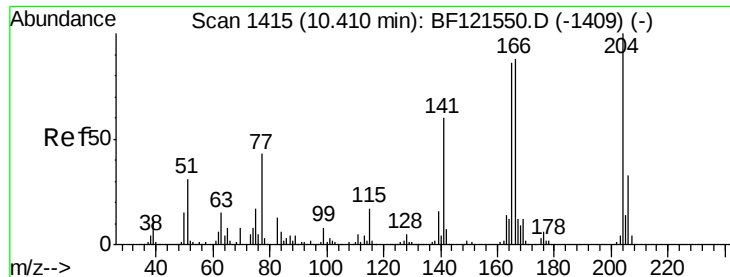
#60
 Diethylphthalate
 Concen: 43.064 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion:	149	Resp:	966315
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.2
150	12.7	10.0	15.0



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

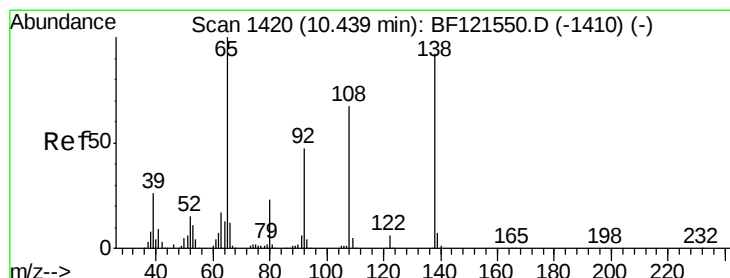
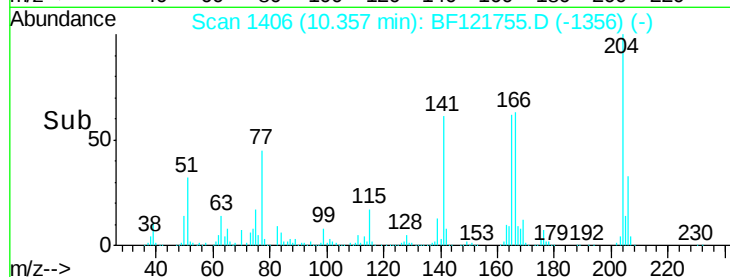
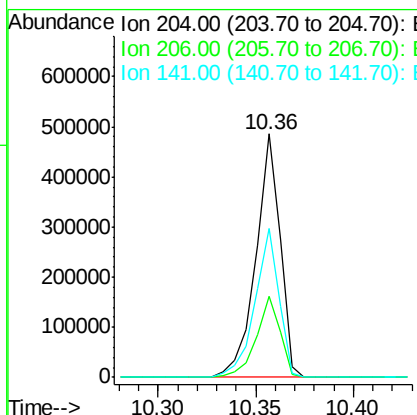
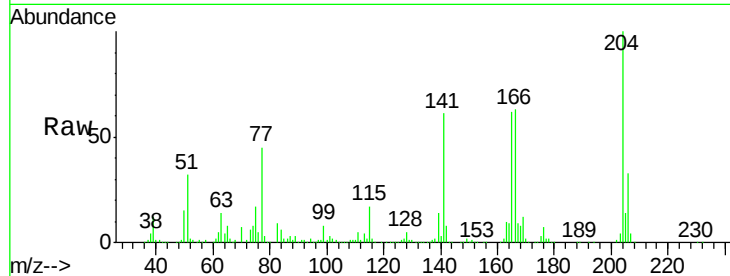




#61
 4-Chlorophenyl-phenylether
 Concen: 41.839 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

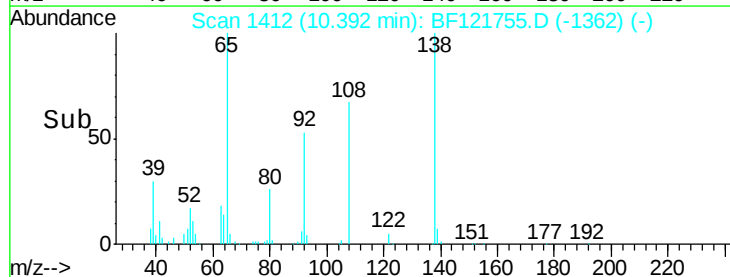
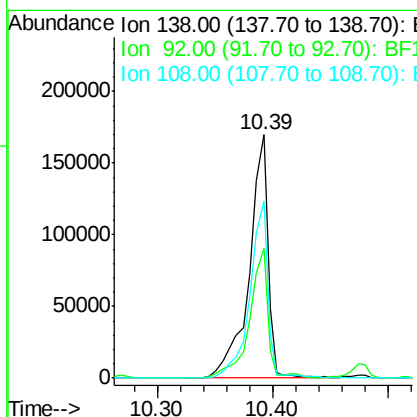
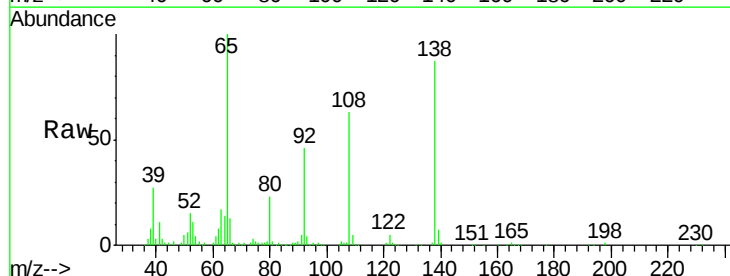
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

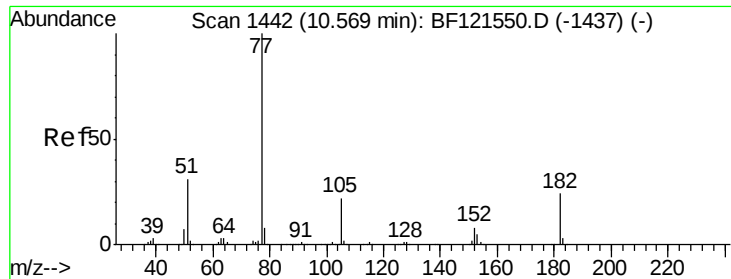
Tot Ion:204 Resp: 419616
 Ion Ratio Lower Upper
 204 100
 206 33.0 25.9 38.9
 141 61.3 51.4 77.0



#62
 4-Nitroaniline
 Concen: 34.246 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion:138 Resp: 193070
 Ion Ratio Lower Upper
 138 100
 92 53.2 33.6 73.6
 108 72.5 53.5 93.5





#63

Azobenzene

Concen: 40.823 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

Tot Ion: 77 Resp: 975490

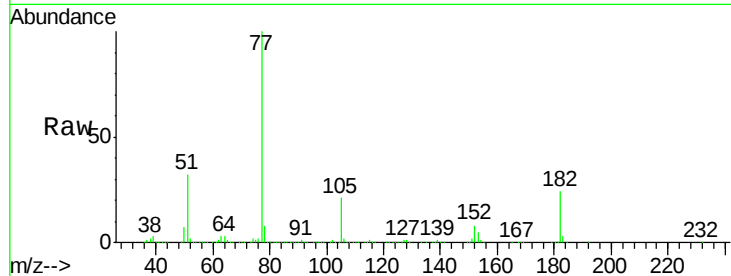
Ion Ratio Lower Upper

77 100

182 23.9 6.5 46.5

105 21.5 2.1 42.1

51 31.5 11.3 51.3

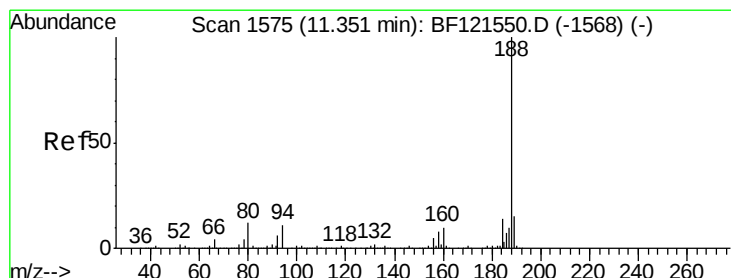
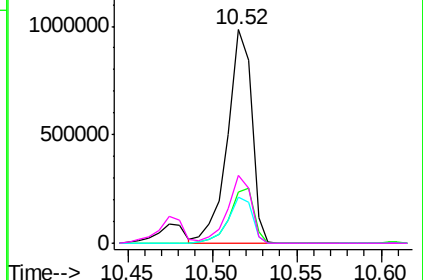
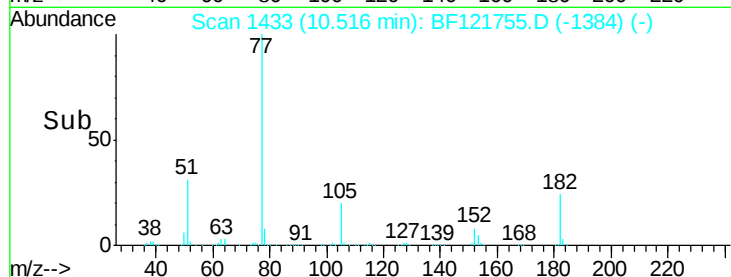


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

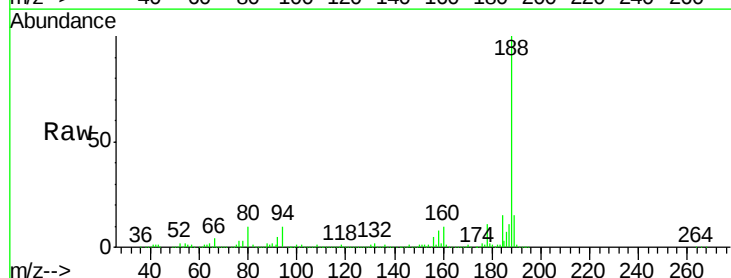
Tgt Ion: 188 Resp: 559025

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

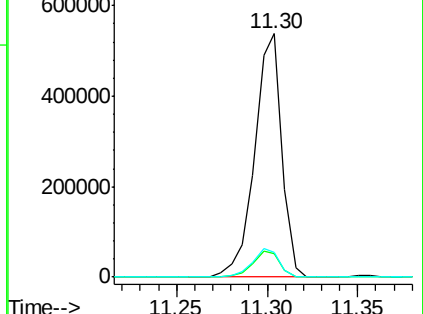
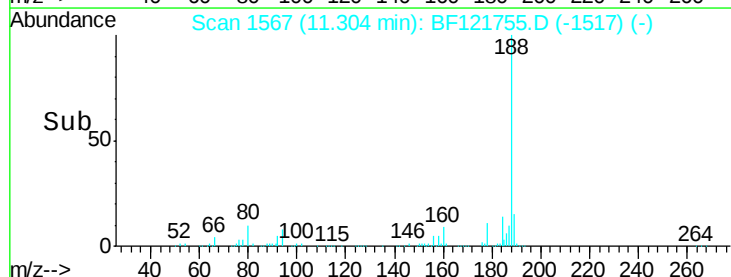
80 10.3 8.9 13.3

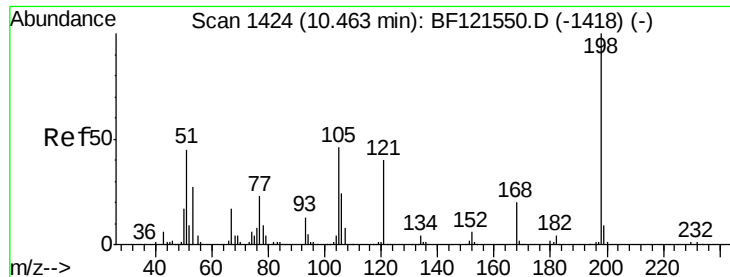


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

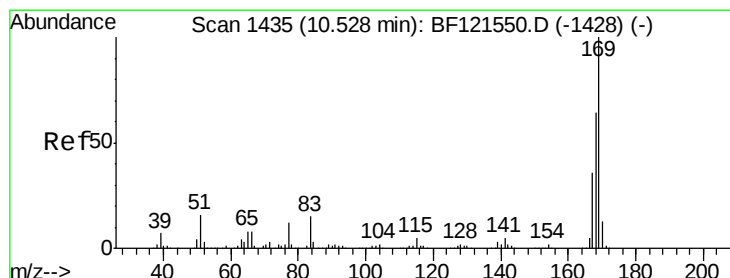
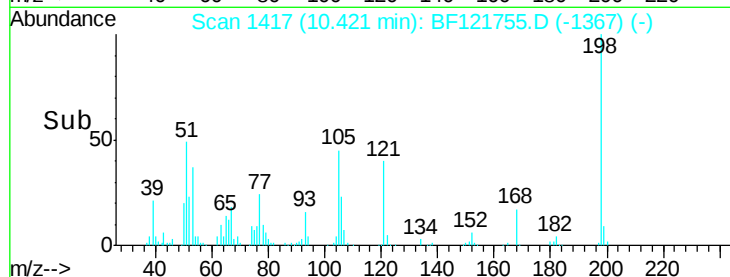
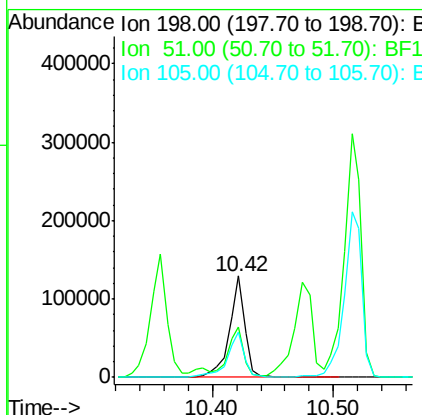
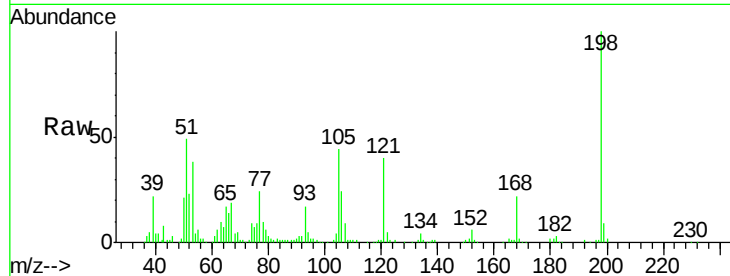




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.677 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

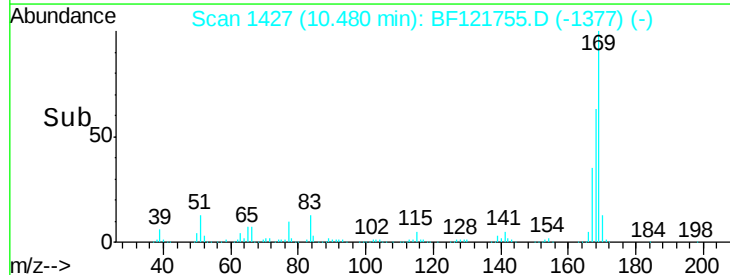
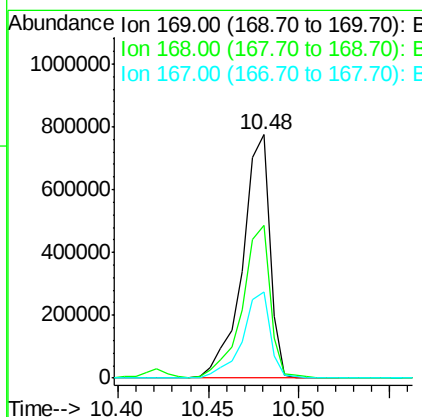
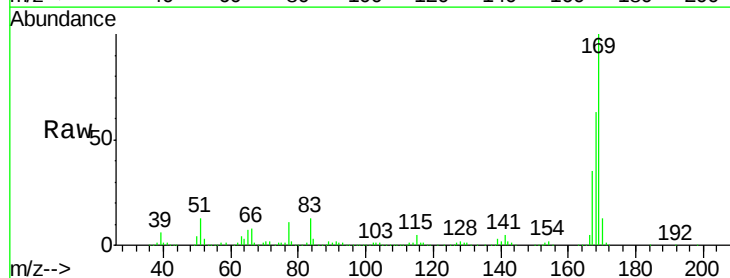
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion:198 Resp: 115346
 Ion Ratio Lower Upper
 198 100
 51 49.2 34.7 74.7
 105 44.3 27.8 67.8



#66
 n-Nitrosodiphenylamine
 Concen: 42.580 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion:169 Resp: 816633
 Ion Ratio Lower Upper
 169 100
 168 62.8 51.0 76.6
 167 35.2 28.4 42.6

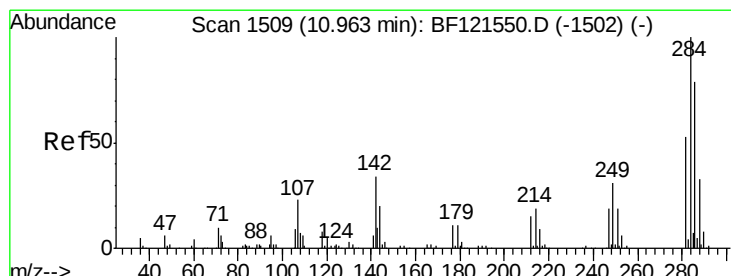
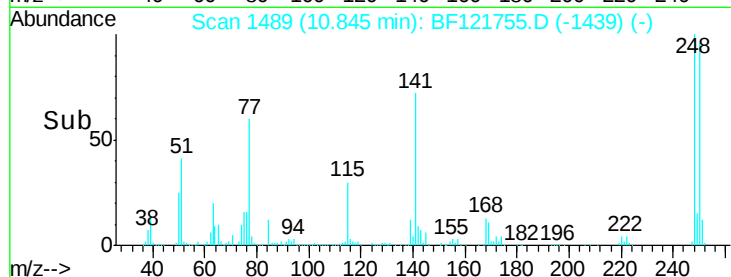
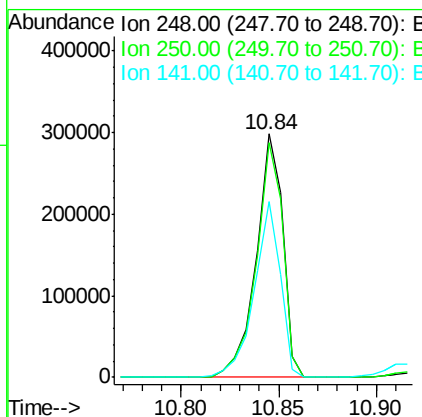
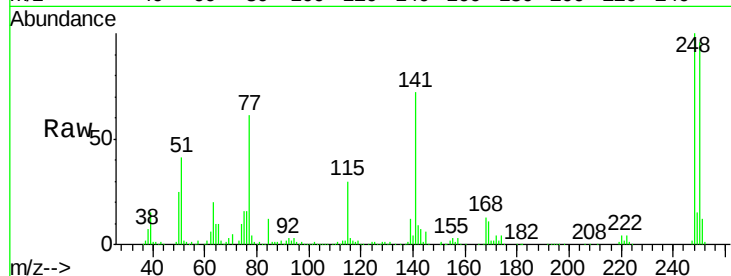




#67
 4-Bromophenyl-phenylether
 Concen: 44.387 ng
 RT: 10.84 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

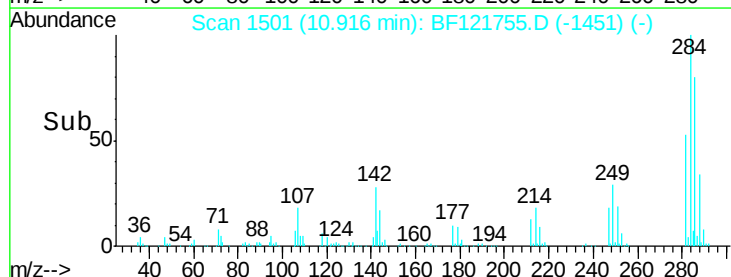
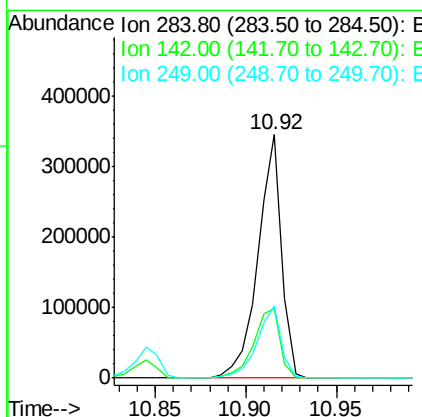
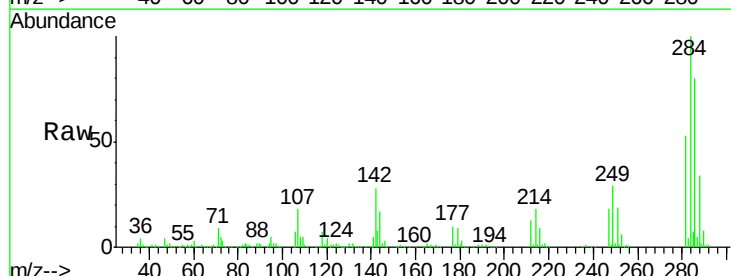
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

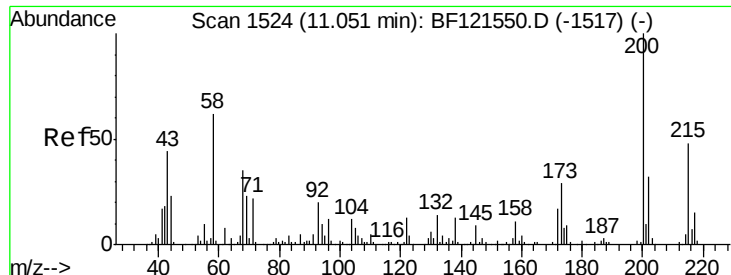
Tot Ion:	248	Resp:	282513
Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.6	118.0
141	72.4	60.0	90.0



#68
 Hexachlorobenzene
 Concen: 43.477 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion:	284	Resp:	312289
Ion	Ratio	Lower	Upper
284	100		
142	28.4	24.1	36.1
249	29.4	23.8	35.8

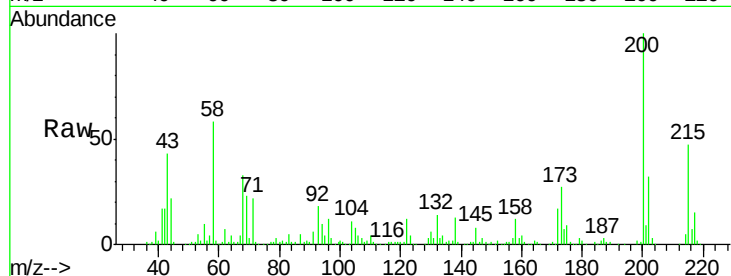




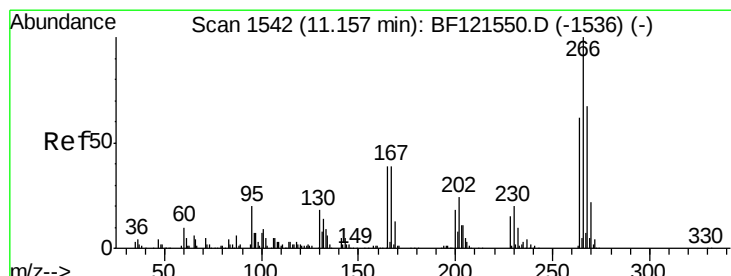
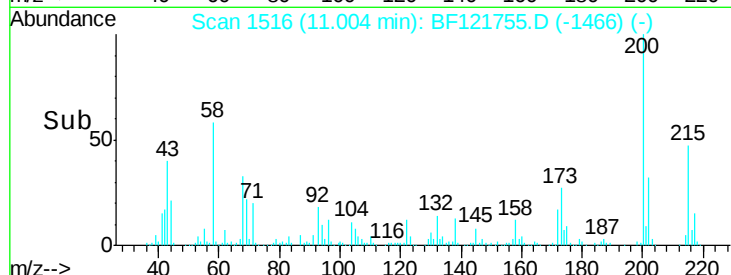
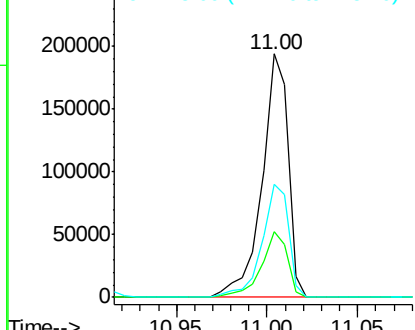
#69
Atrazine
Concen: 40.850 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion:200 Resp: 194642
Ion Ratio Lower Upper
200 100
173 27.0 7.9 47.9
215 46.6 28.3 68.3

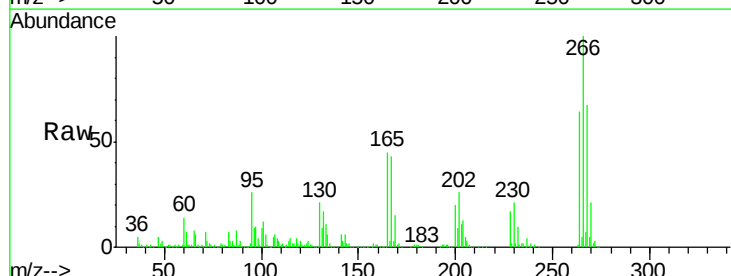


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

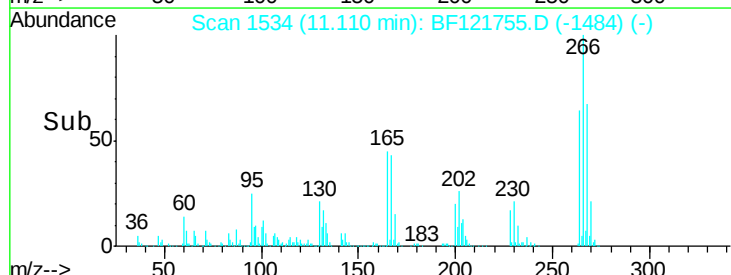
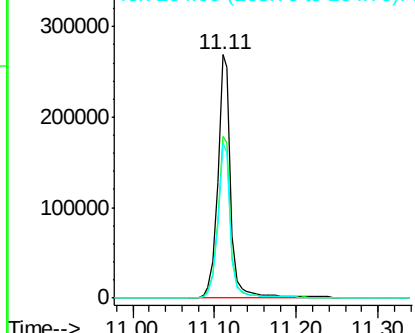


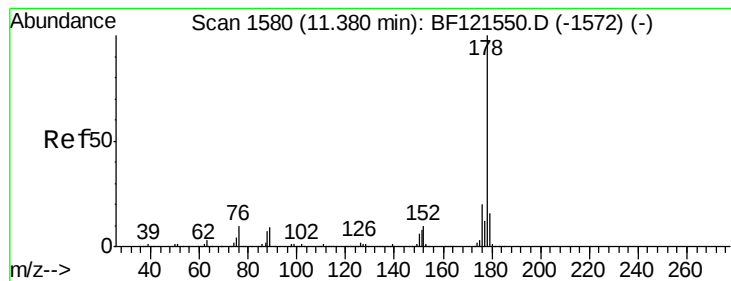
#70
Pentachlorophenol
Concen: 76.650 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion:266 Resp: 302360
Ion Ratio Lower Upper
266 100
268 66.5 53.2 79.8
264 63.7 50.1 75.1



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: 43.886 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

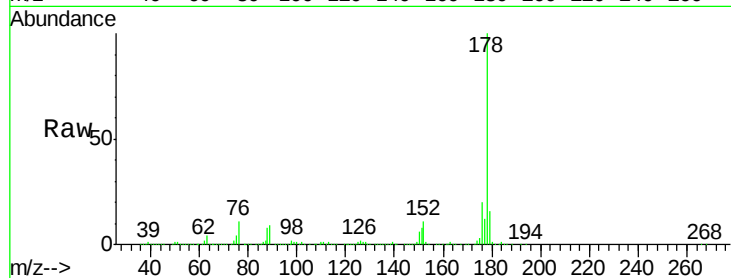
Tot Ion:178 Resp: 1336680

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

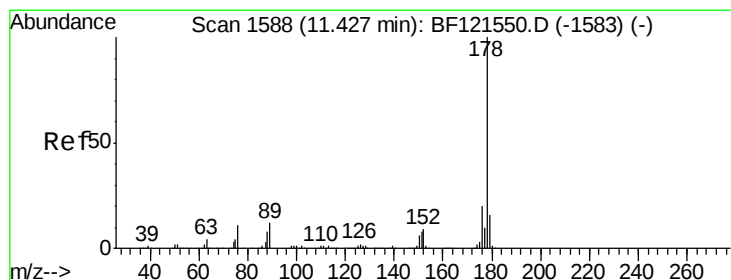
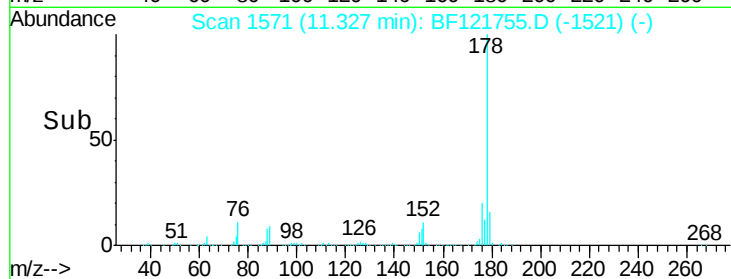
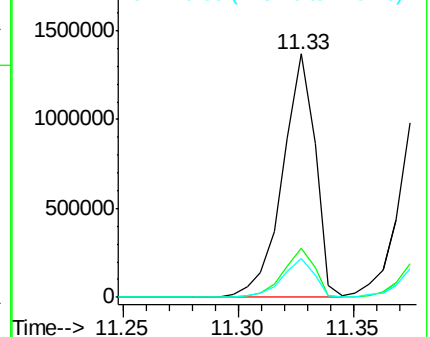
179 16.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.559 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

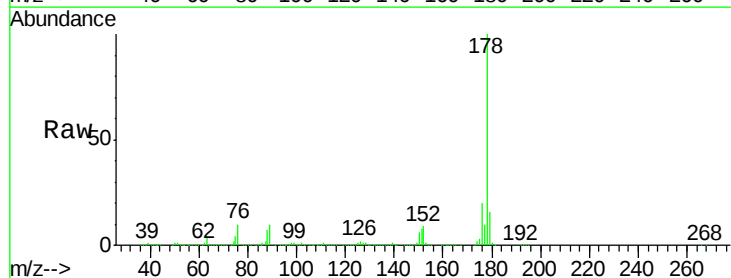
Tgt Ion:178 Resp: 1306262

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

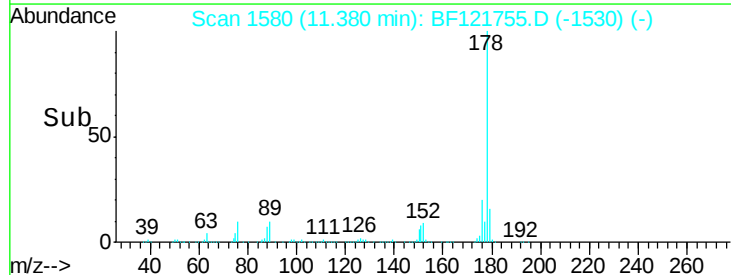
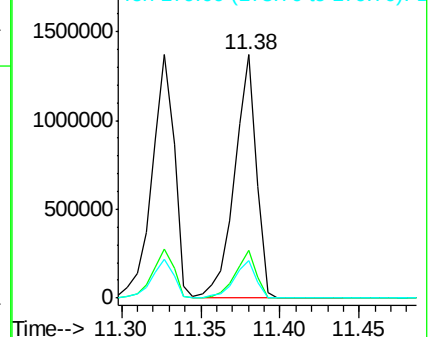
179 15.7 12.6 19.0

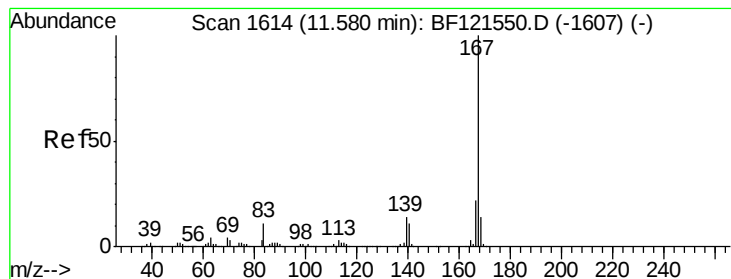


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.838 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

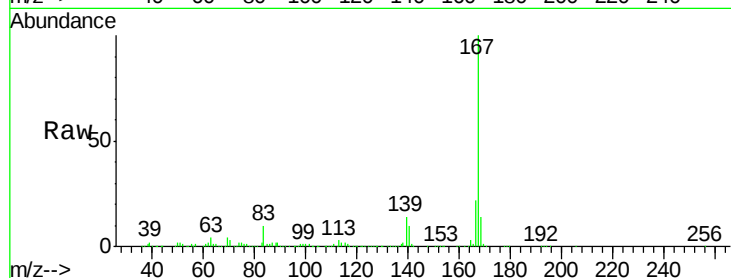
Tot Ion:167 Resp: 1129954

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

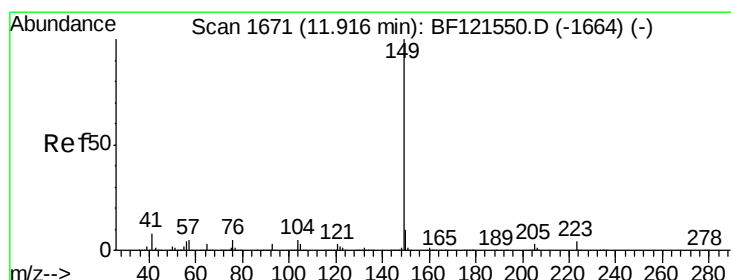
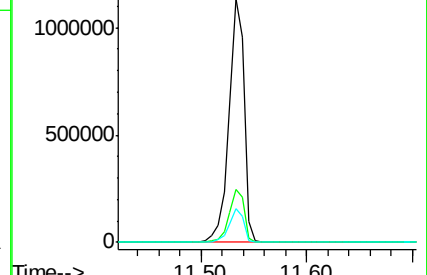
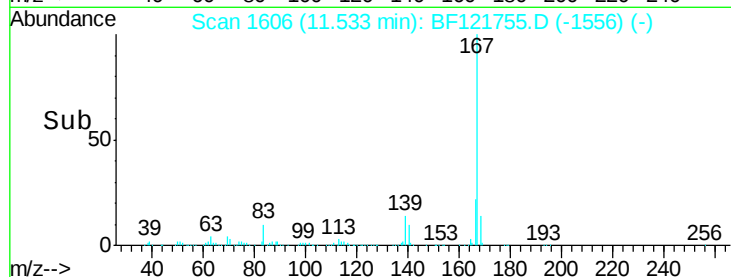
139 13.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.191 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

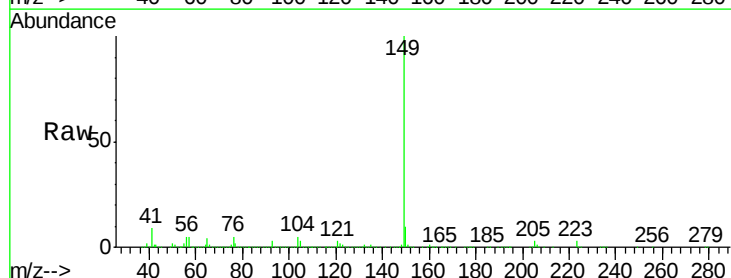
Tgt Ion:149 Resp: 1413936

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

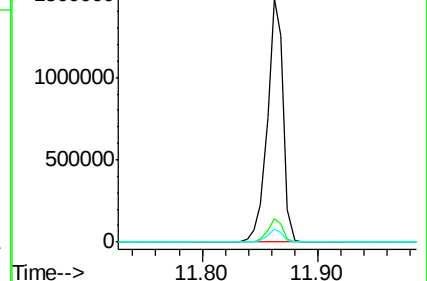
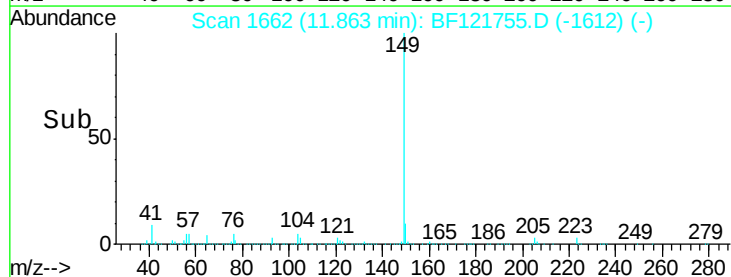
104 5.4 4.2 6.4

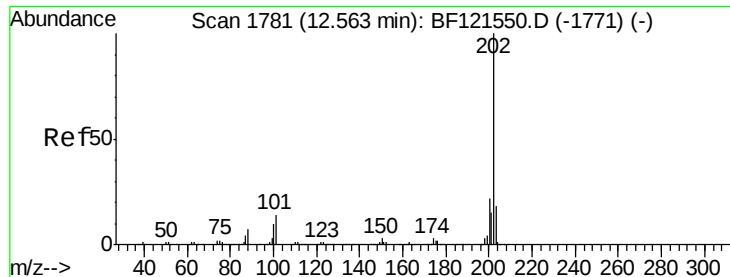


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.958 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

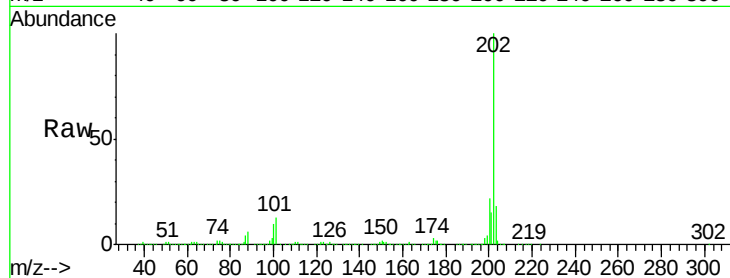
Tot Ion:202 Resp: 1331699

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.0

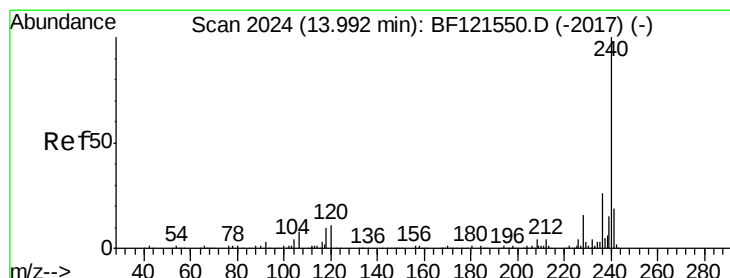
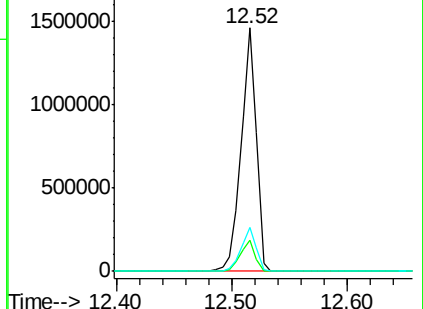
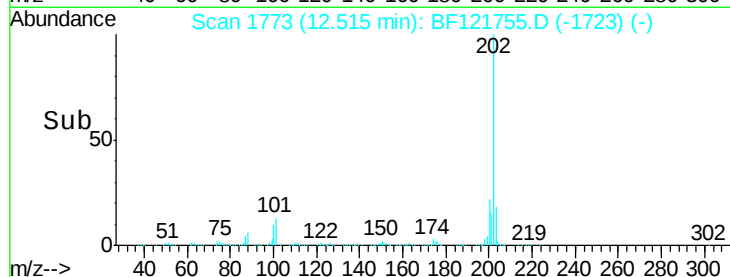
203 18.3 0.0 38.0



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: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

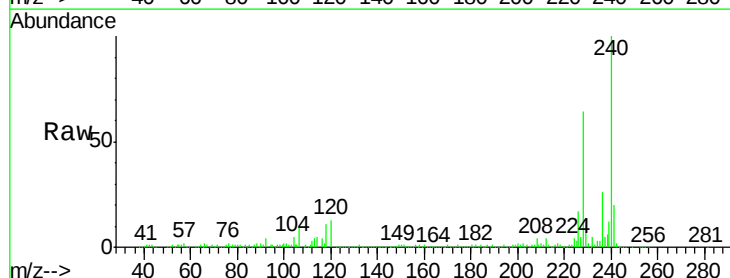
Tgt Ion:240 Resp: 355435

Ion Ratio Lower Upper

240 100

120 12.7 10.2 15.4

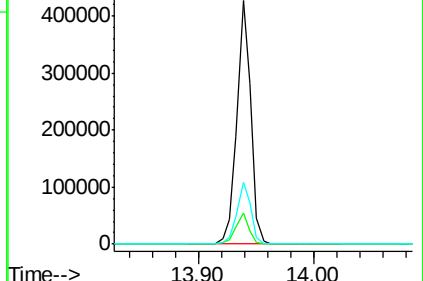
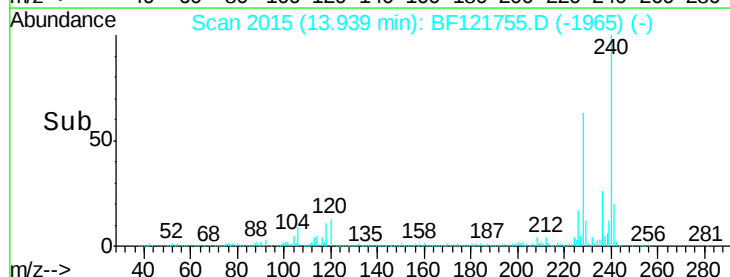
236 25.6 20.4 30.6

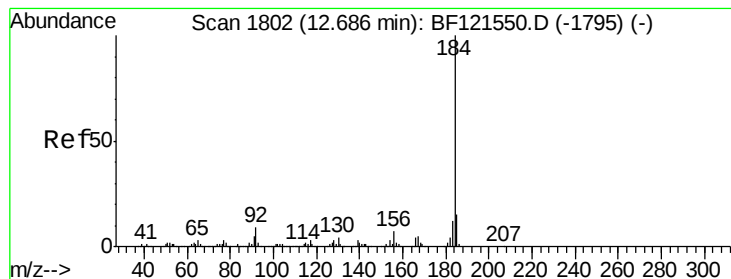


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.224 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

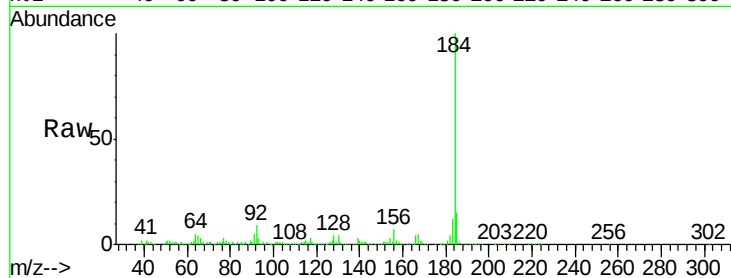
Tot Ion:184 Resp: 438630

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

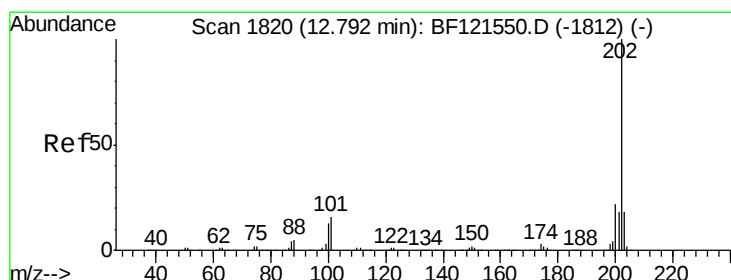
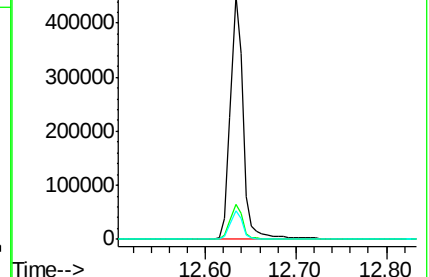
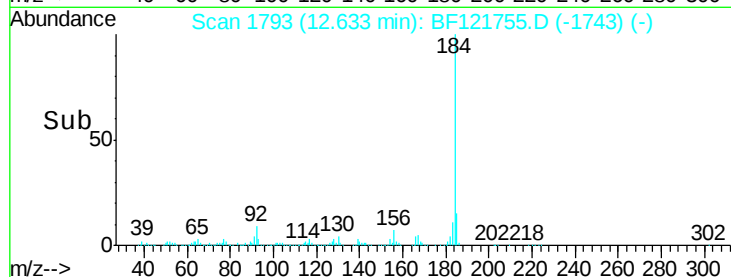
183 11.5 9.3 13.9



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: 50.423 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

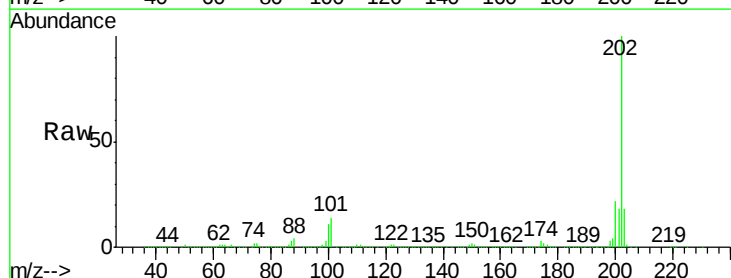
Tgt Ion:202 Resp: 1309450

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

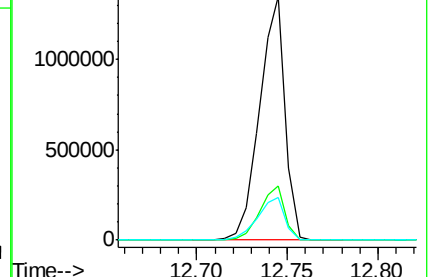
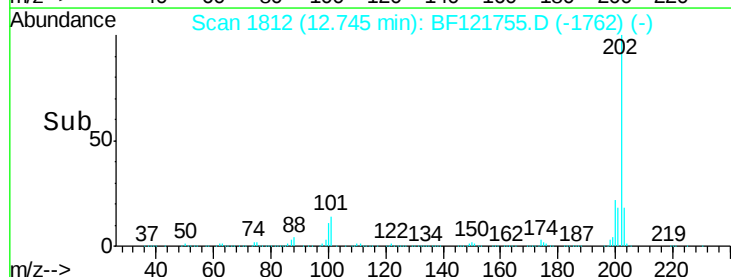
203 17.8 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.913 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

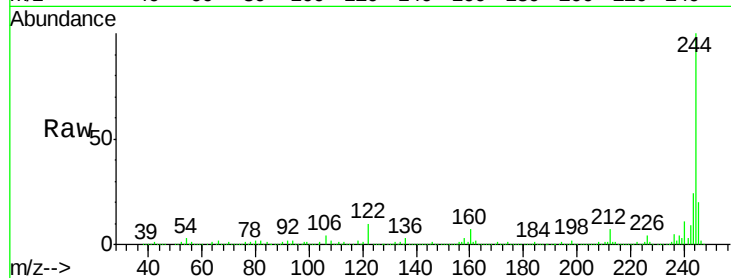
Tot Ion:244 Resp: 1437119

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.89

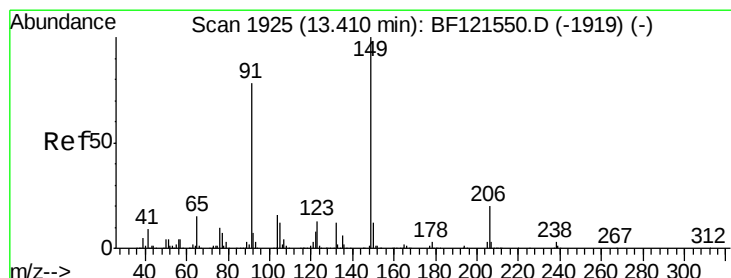
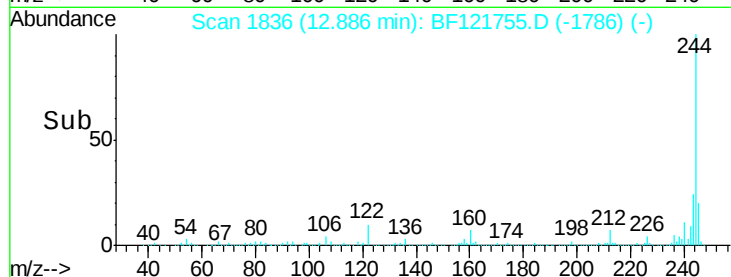
1500000

1000000

500000

0

Time--> 12.80 12.90 13.00



#80

Butylbenzylphthalate

Concen: 50.760 ng

RT: 13.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

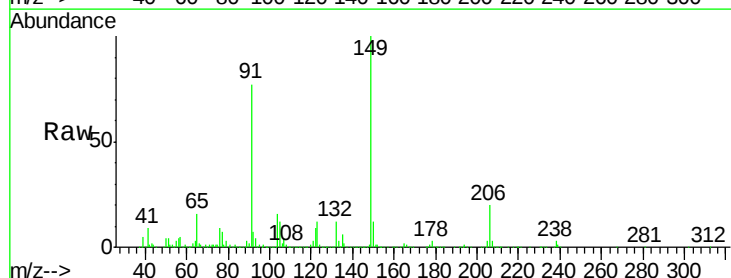
Tgt Ion:149 Resp: 533121

Ion Ratio Lower Upper

149 100

91 77.4 56.0 84.0

206 19.9 17.4 26.0



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

13.36

800000

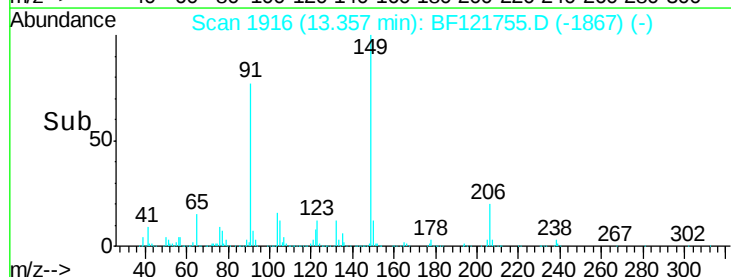
600000

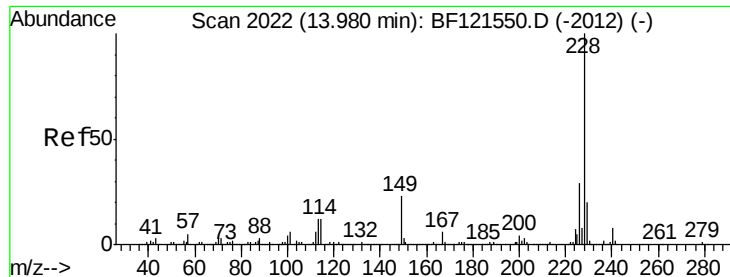
400000

200000

0

Time--> 13.30 13.35 13.40





#81

Benzo(a)anthracene

Concen: 44.291 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

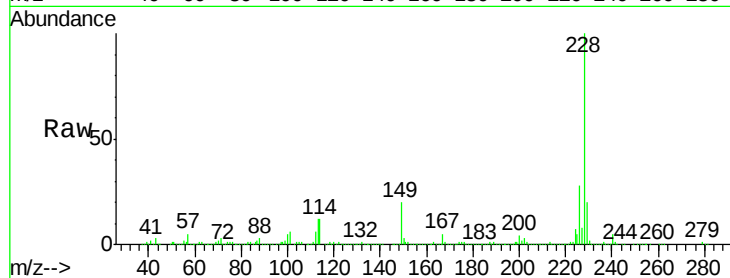
Instrument :

BNA_F

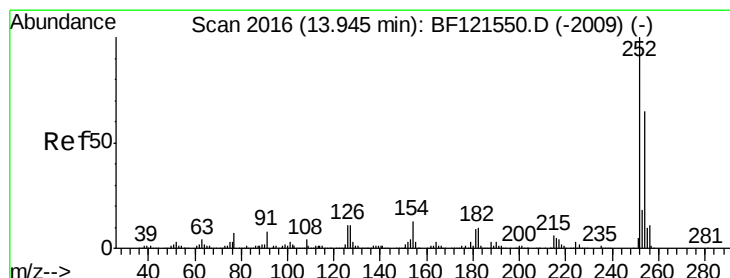
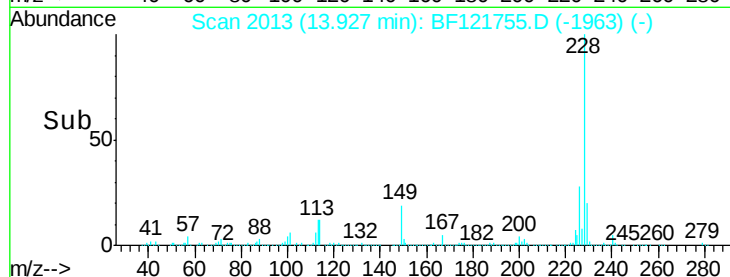
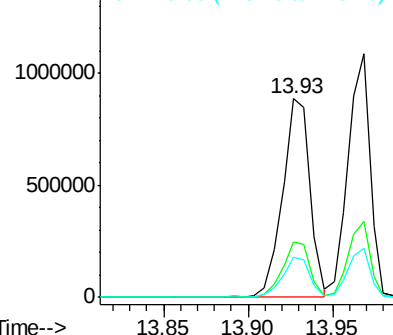
ClientSampleId :

PAV-B18-092920-10-20MSD

Tot	Ion:228	Resp:	995945
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	20.1	16.2	24.4



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: 31.866 ng

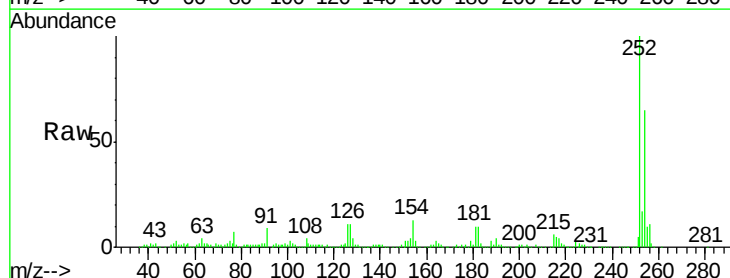
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

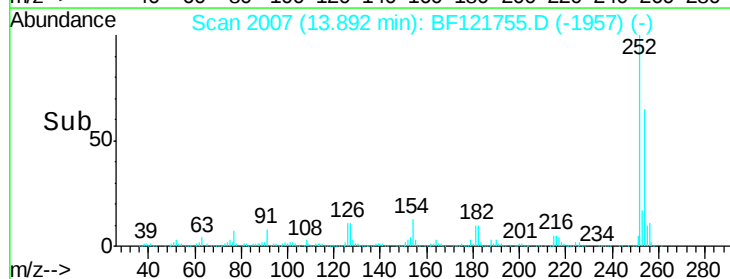
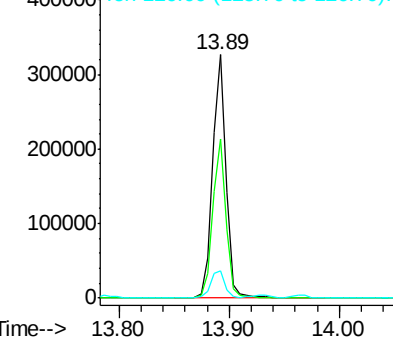
Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Tgt Ion:252	Resp: 279748
Ion Ratio	Lower Upper
252 100	
254 65.3	50.7 76.1
126 11.1	10.2 15.2



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: 42.958 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

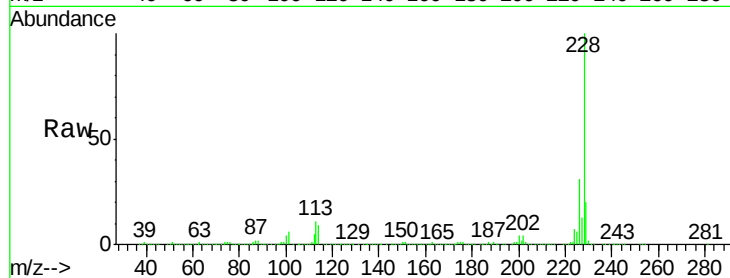
Tot Ion:228 Resp: 978178

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

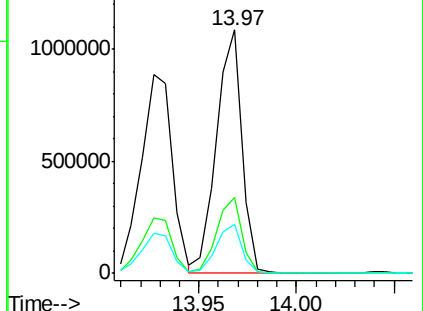
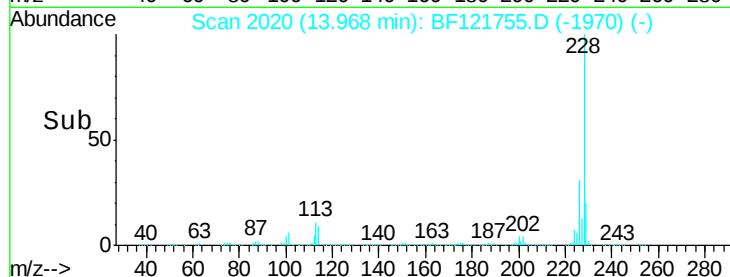
229 20.2 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.802 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

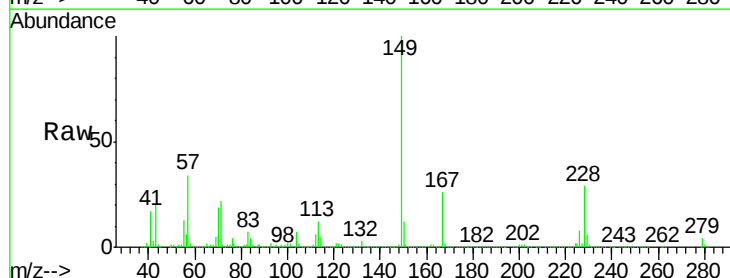
Tgt Ion:149 Resp: 698758

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.6

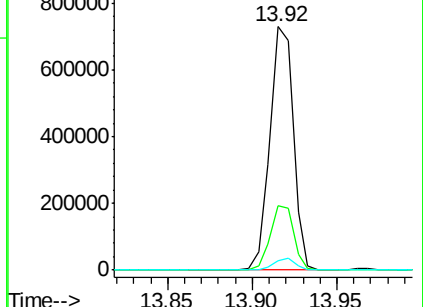
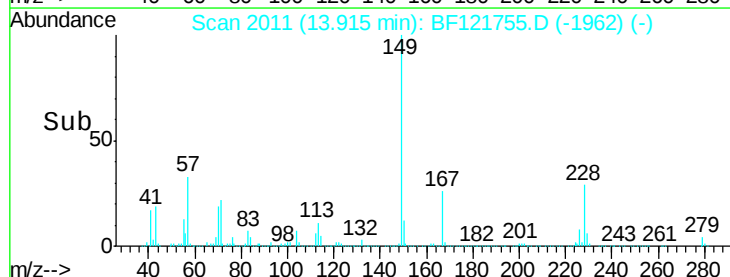
279 3.9 3.9 5.9#

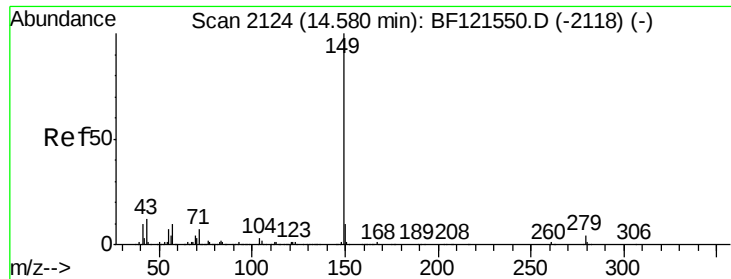


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

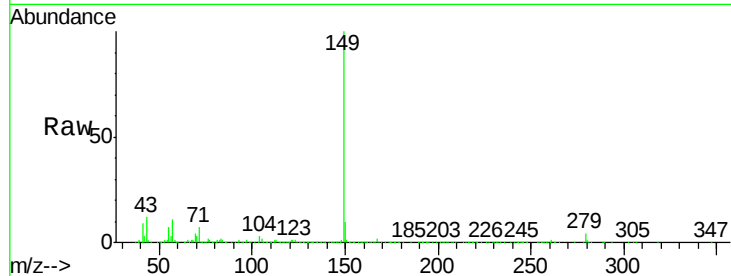




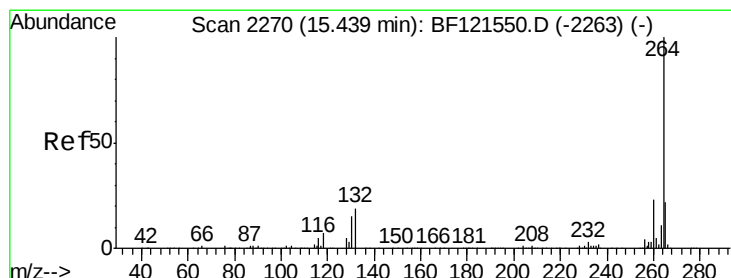
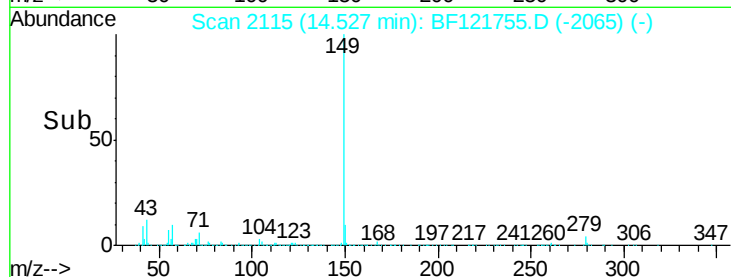
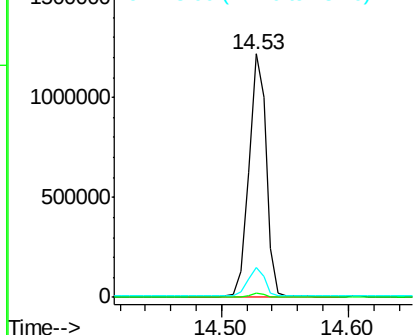
#85
Di-n-octyl phthalate
Concen: 46.845 ng
RT: 14.53 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion:149 Resp: 1159964
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.6

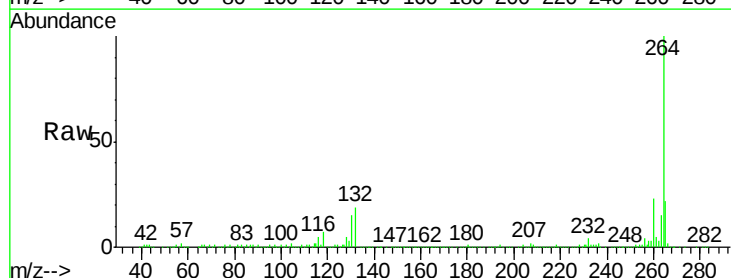


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

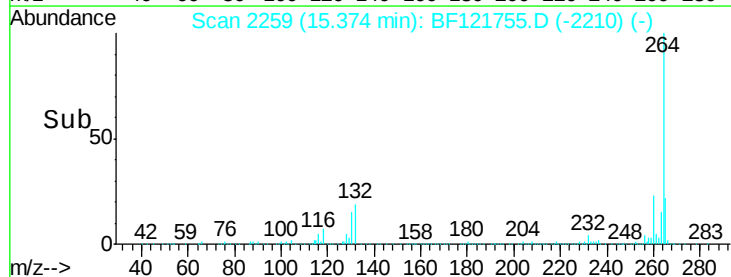
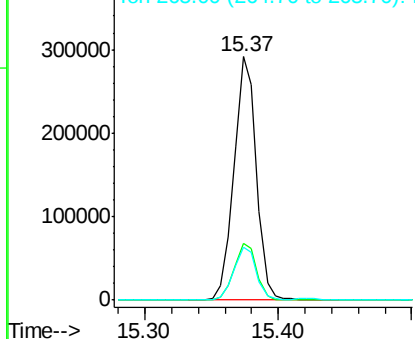


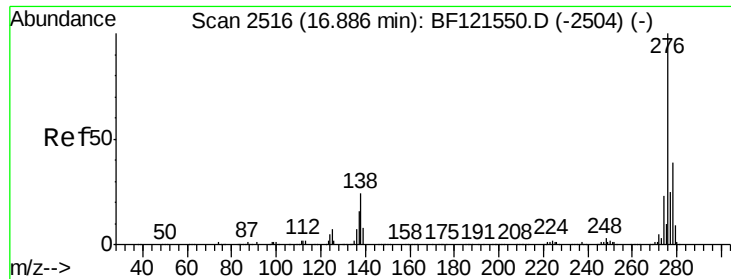
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion:264 Resp: 341280
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

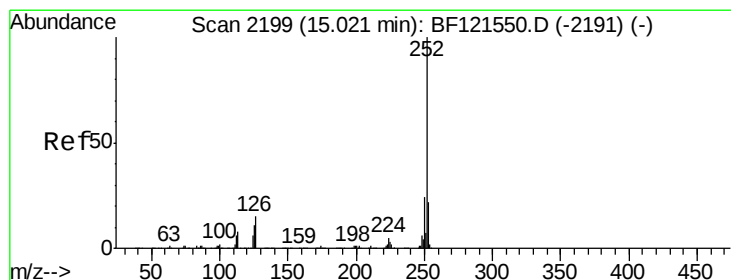
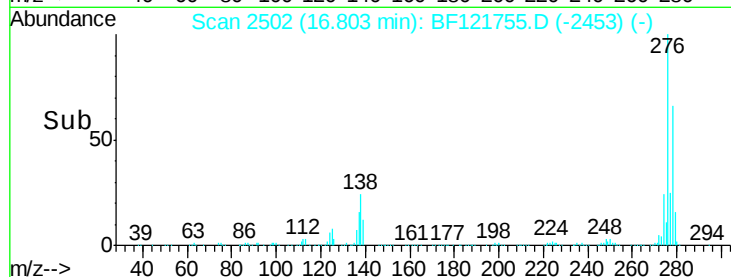
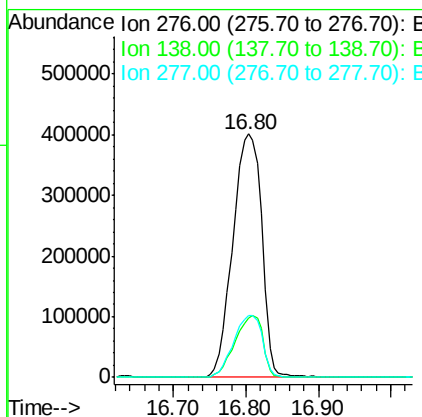
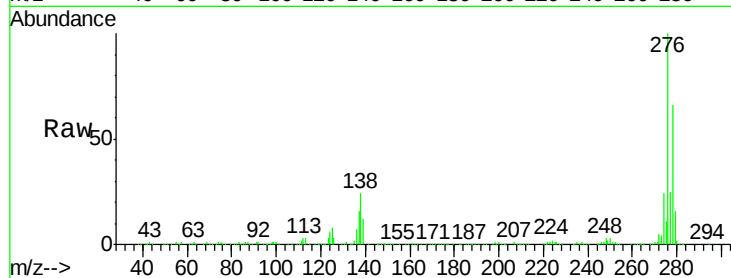




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.077 ng
 RT: 16.80 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

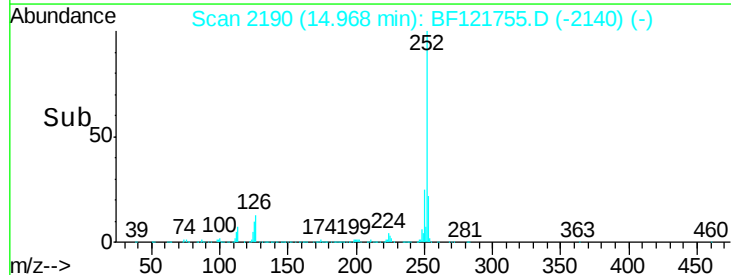
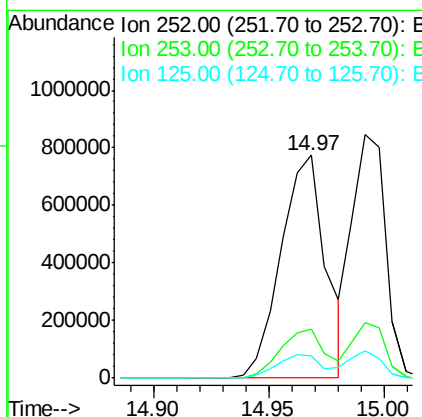
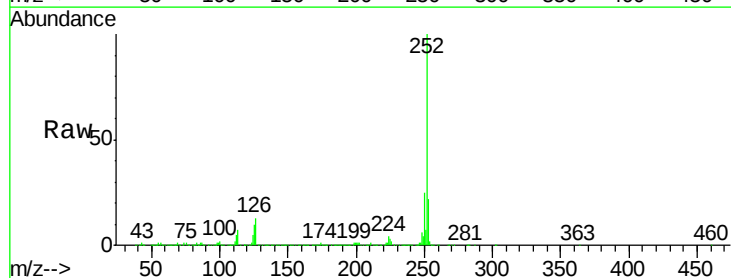
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion:276 Resp: 1112972
 Ion Ratio Lower Upper
 276 100
 138 24.9 19.4 29.0
 277 25.7 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 45.651 ng
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion:252 Resp: 1041527
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.2
 125 10.0 8.0 12.0

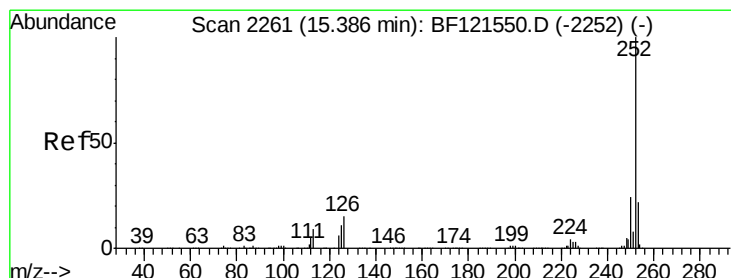
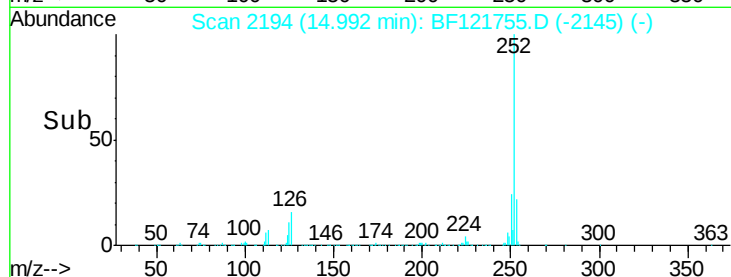
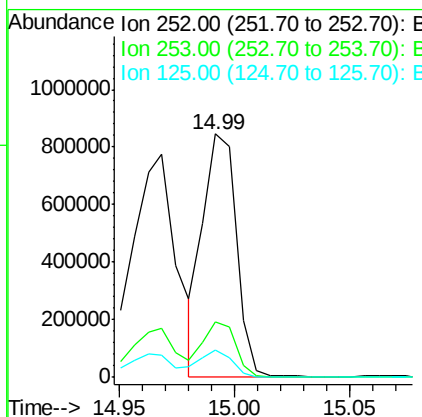
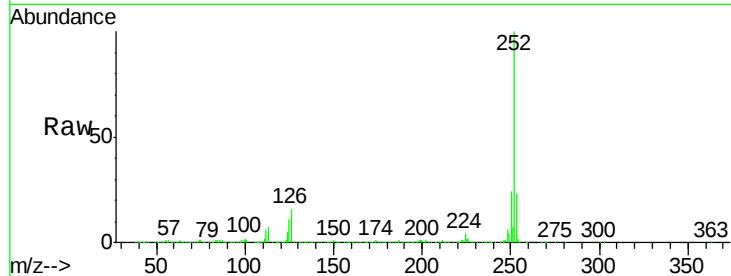




#89
Benzo(k)fluoranthene
Concen: 40.597 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

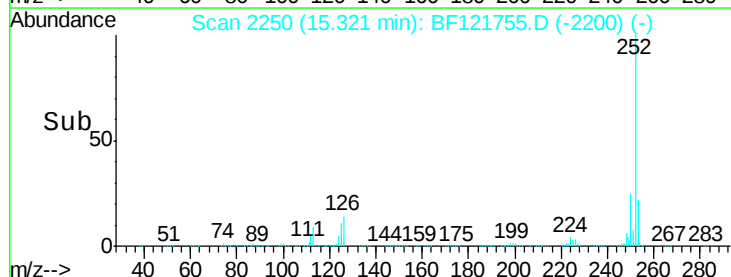
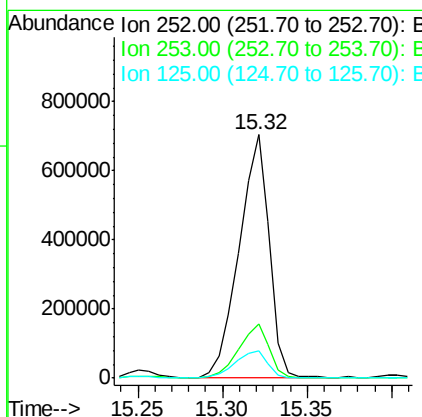
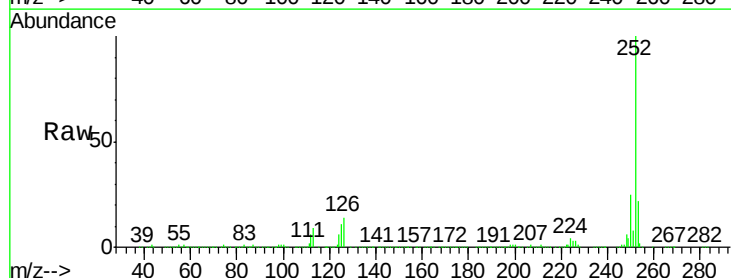
Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

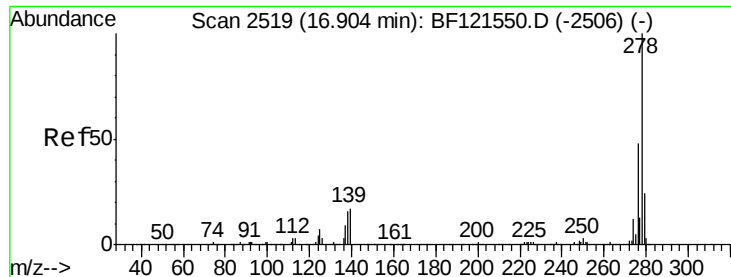
Tot Ion:252 Resp: 848187
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.0 7.8 11.6



#90
Benzo(a)pyrene
Concen: 45.071 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion:252 Resp: 874078
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.3 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 48.781 ng

RT: 16.82 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

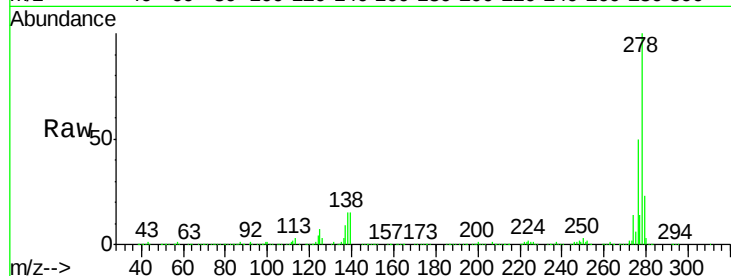
Tot Ion:278 Resp: 902492

Ion Ratio Lower Upper

278 100

139 15.4 12.5 18.7

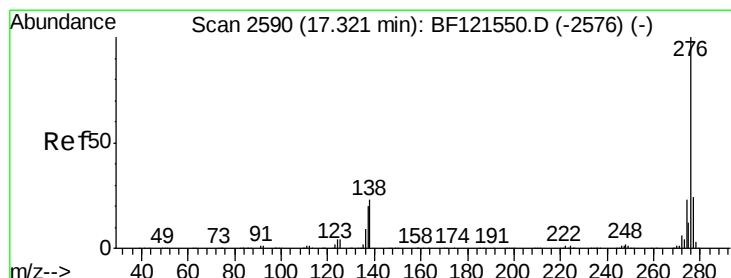
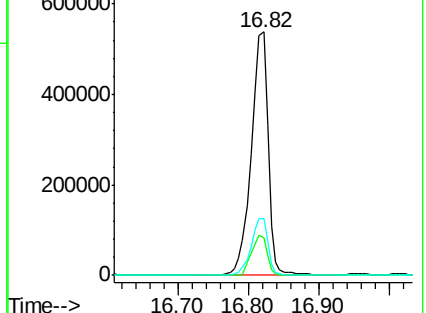
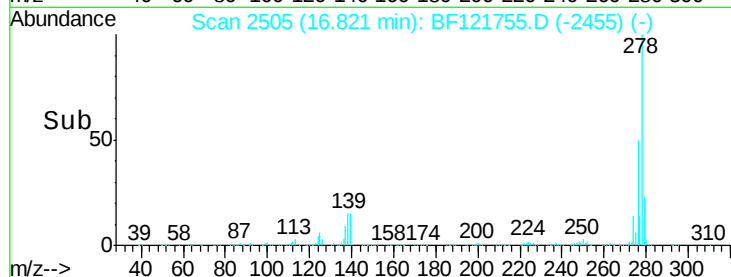
279 23.3 19.2 28.8



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: 52.956 ng

RT: 17.23 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

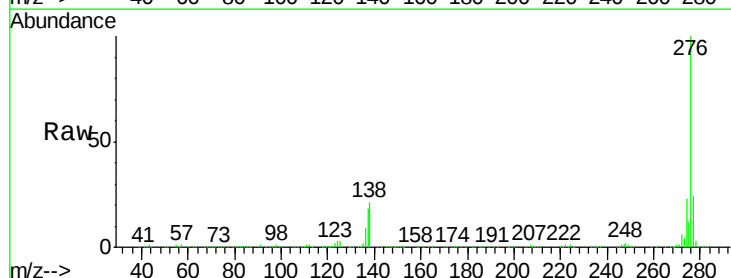
Tgt Ion:276 Resp: 963057

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 21.0 16.7 25.1



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

