

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121632.D
 Acq On : 21 Sep 2020 18:06
 Operator : JU/CG
 Sample : L4059-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MS

Quant Time: Sep 21 18:57:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161056	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	633764	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	336317	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	643793	20.00	ng	0.00
76) Chrysene-d12	14.00	240	494996	20.00	ng	0.00
86) Perylene-d12	15.46	264	414274	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1101255	101.62	ng	0.01
7) Phenol-d6	6.46	99	1452289	102.15	ng	0.00
23) Nitrobenzene-d5	7.39	82	1007500	85.35	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	488541	116.88	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1742491	78.47	ng	0.00
79) Terphenyl-d14	12.94	244	1876878	76.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	182698	36.695	ng	99
3) Pyridine	3.35	79	547083	39.748	ng	98
4) n-Nitrosodimethylamine	3.30	42	273949	42.909	ng	97
6) Aniline	6.48	93	409218	22.099	ng	# 66
8) 2-Chlorophenol	6.60	128	507828	46.024	ng	96
9) Benzaldehyde	6.36	77	208281	22.409	ng	97
10) Phenol	6.47	94	612404	40.449	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	497575	43.604	ng	99
12) 1,3-Dichlorobenzene	6.76	146	523917	42.541	ng	97
13) 1,4-Dichlorobenzene	6.83	146	522841	42.280	ng	97
14) 1,2-Dichlorobenzene	6.99	146	509628	44.736	ng	99
15) Benzyl Alcohol	6.96	79	453968	46.976	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	756729	41.210	ng	100
17) 2-Methylphenol	7.08	107	417898	44.512	ng	98
18) Hexachloroethane	7.33	117	195456	44.143	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	349227	42.619	ng	98
20) 3+4-Methylphenols	7.23	107	488969	43.349	ng	94
22) Acetophenone	7.23	105	658664	40.962	ng	# 97
24) Nitrobenzene	7.40	77	545807	42.753	ng	98
25) Isophorone	7.65	82	988621	41.607	ng	99
26) 2-Nitrophenol	7.72	139	263189	44.016	ng	99
27) 2,4-Dimethylphenol	7.76	122	444600	41.918	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	624448	42.451	ng	99
29) 2,4-Dichlorophenol	7.96	162	420192	43.496	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	434017	42.659	ng	99
31) Naphthalene	8.13	128	1405395	42.008	ng	99
32) Benzoic acid	7.85	122	16831	8.755	ng	96
33) 4-Chloroaniline	8.17	127	249525	17.206	ng	98
34) Hexachlorobutadiene	8.25	225	260842	43.678	ng	98
35) Caprolactam	8.57	113	83644	26.000	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	470151	45.178	ng	96
37) 2-Methylnaphthalene	8.82	142	941880	42.960	ng	100
38) 1-Methylnaphthalene	8.92	142	874833	42.874	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	437614	41.656	ng	99

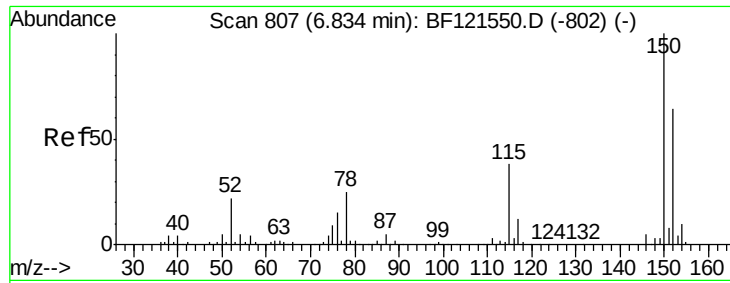
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121632.D
 Acq On : 21 Sep 2020 18:06
 Operator : JU/CG
 Sample : L4059-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MS

Quant Time: Sep 21 18:57:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	425107	70.858	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	310751	43.397	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	322637	42.621	nq	93
46) 1,1'-Biphenyl	9.29	154	1115033	41.413	nq	100
47) 2-Chloronaphthalene	9.31	162	873613	41.175	nq	99
48) 2-Nitroaniline	9.41	65	308132	46.735	nq	100
49) Acenaphthylene	9.73	152	1374111	42.151	nq	100
50) Dimethylphthalate	9.59	163	1304906	53.533	nq	99
51) 2,6-Dinitrotoluene	9.65	165	242432	46.700	nq	98
52) Acenaphthene	9.90	154	814021	39.534	nq	99
53) 3-Nitroaniline	9.82	138	174873	29.079	nq	92
54) 2,4-Dinitrophenol	9.93	184	71599	30.256	nq	98
55) Dibenzofuran	10.07	168	1218773	42.032	nq	99
56) 4-Nitrophenol	10.00	139	392113	81.760	nq	91
57) 2,4-Dinitrotoluene	10.06	165	321031	49.156	nq	92
58) Fluorene	10.42	166	949123	42.803	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	267284	43.431	nq	99
60) Diethylphthalate	10.29	149	1053317	44.321	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	458379	43.153	nq	100
62) 4-Nitroaniline	10.44	138	259273	43.422	nq	99
63) Azobenzene	10.57	77	1055057	41.688	nq	100
65) 4,6-Dinitro-2-methylphenol	10.47	198	110980	30.934	nq	92
66) n-Nitrosodiphenylamine	10.53	169	921770	41.733	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	313426	42.760	nq	99
68) Hexachlorobenzene	10.96	284	358014	43.280	nq	97
69) Atrazine	11.06	200	230338	41.976	nq	99
70) Pentachlorophenol	11.16	266	290366	63.917	nq	99
71) Phenanthrene	11.38	178	1473780	42.016	nq	99
72) Anthracene	11.43	178	1512509	41.785	nq	100
73) Carbazole	11.59	167	1371433	41.985	nq	99
74) Di-n-butylphthalate	11.92	149	1573976	41.749	nq	100
75) Fluoranthene	12.57	202	1597337	42.659	nq	99
77) Benzidine	12.69	184	385738	23.506	nq	# 89
78) Pyrene	12.80	202	1611495	44.558	nq	100
80) Butylbenzylphthalate	13.42	149	683268	46.714	nq	100
81) Benzo(a)anthracene	13.99	228	1335775	42.655	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	198823	16.263	nq	99
83) Chrysene	14.03	228	1332106	42.007	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	854566	43.734	nq	# 99
85) Di-n-octyl phthalate	14.59	149	1468501	42.585	nq	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	1292960	47.925	nq	99
88) Benzo(b)fluoranthene	15.04	252	1330170	48.030	nq	98
89) Benzo(k)fluoranthene	15.07	252	1101819	43.445	nq	99
90) Benzo(a)pyrene	15.40	252	1071717	45.525	nq	100
91) Dibenzo(a,h)anthracene	16.94	278	1050117	46.759	nq	100
92) Benzo(g,h,i)perylene	17.36	276	1088688	49.316	nq	100

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

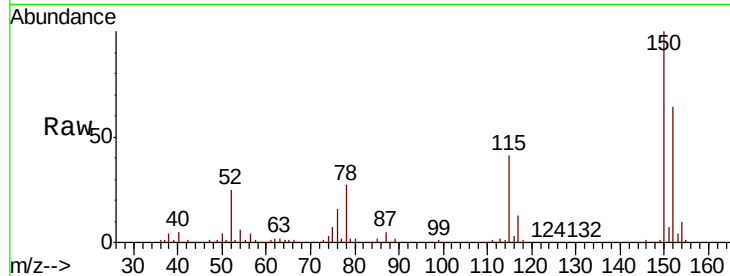


#1

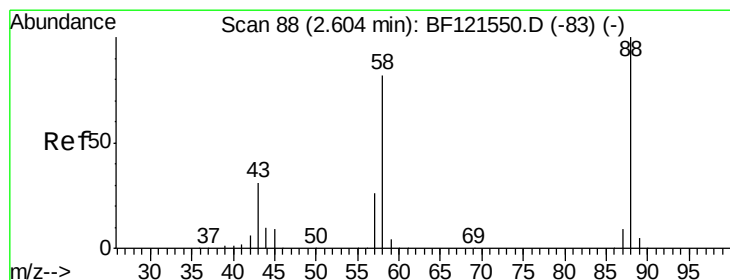
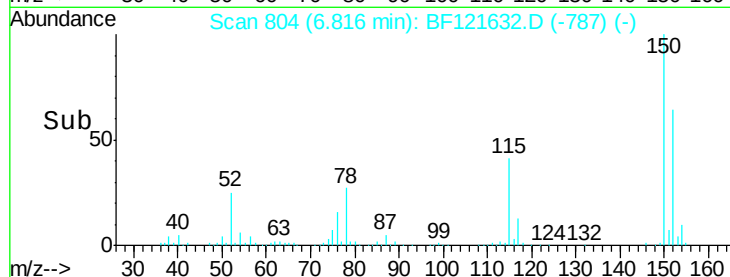
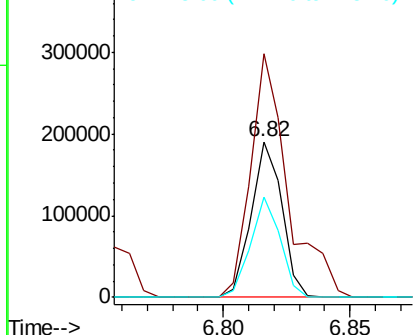
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	128.1	192.1
115	64.0	52.6	79.0



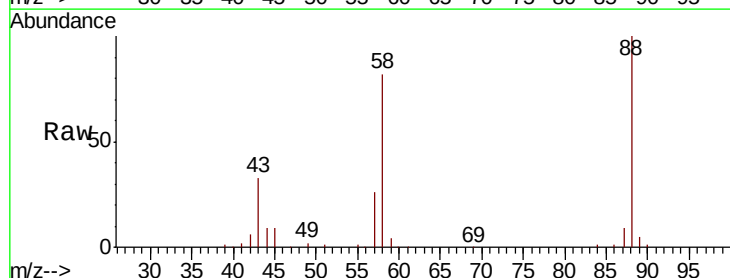
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



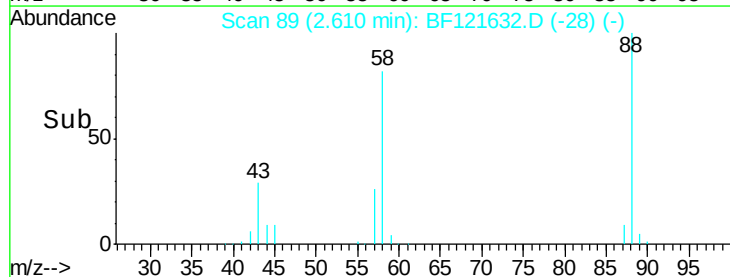
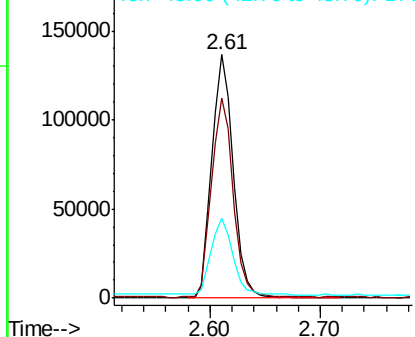
#2

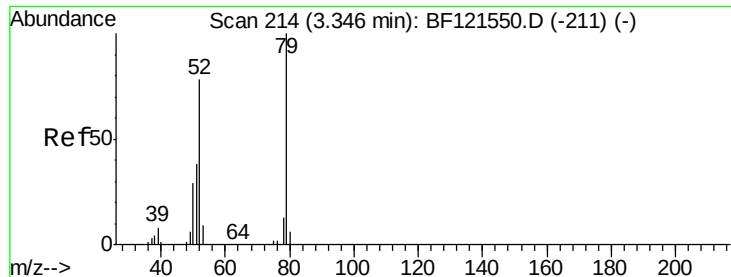
1,4-Dioxane
Concen: 36.695 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.06 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	65.4	98.0
43	31.6	24.9	37.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.748 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.06 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

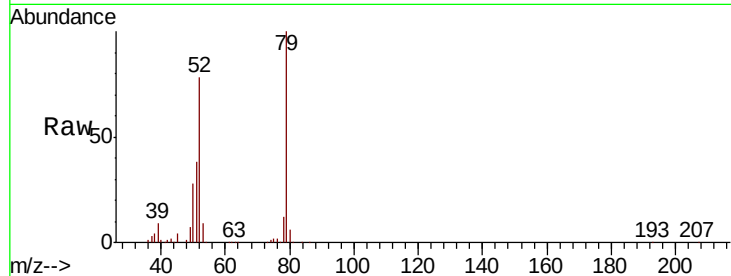
Tot Ion: 79 Resp: 547083

Ion Ratio Lower Upper

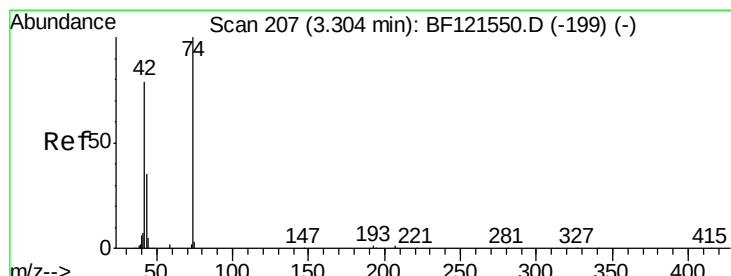
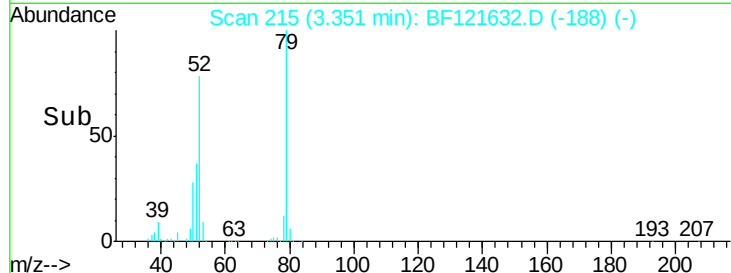
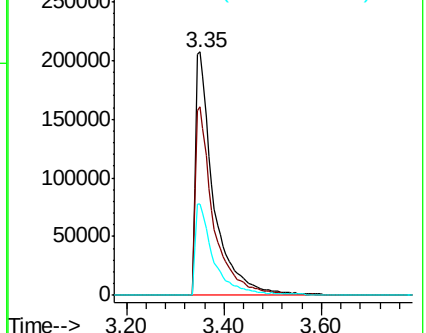
79 100

52 77.6 63.4 95.0

51 37.7 30.7 46.1



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



#4

n-Nitrosodimethylamine

Concen: 42.909 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

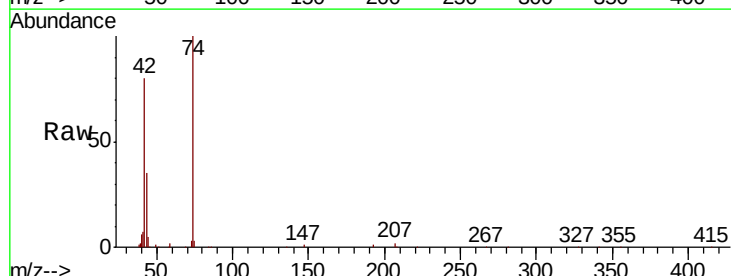
Tgt Ion: 42 Resp: 273949

Ion Ratio Lower Upper

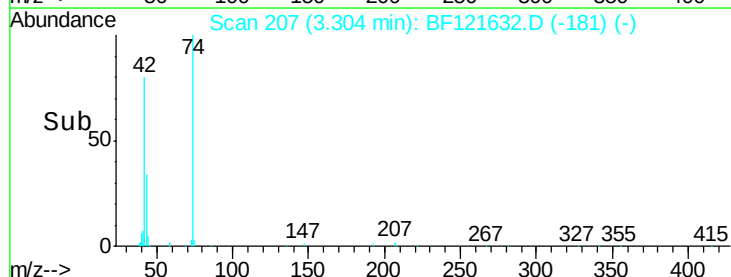
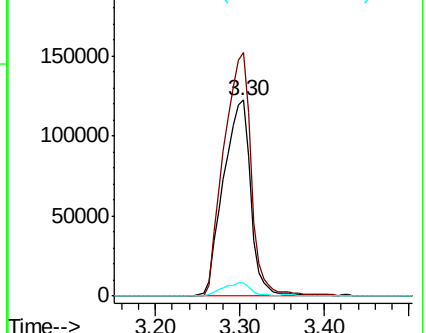
42 100

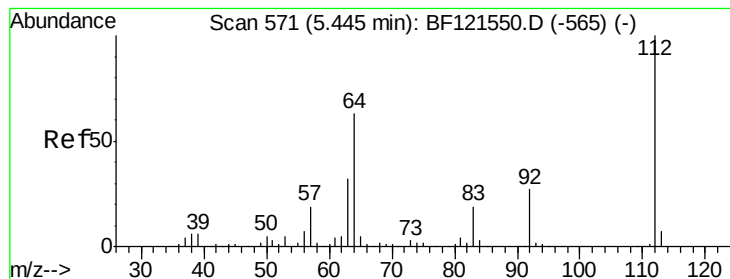
74 124.4 102.6 154.0

44 6.6 6.0 9.0



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

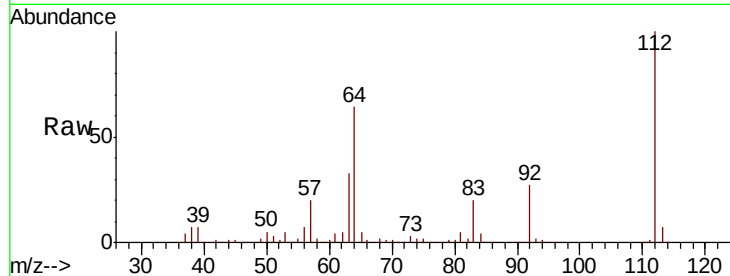




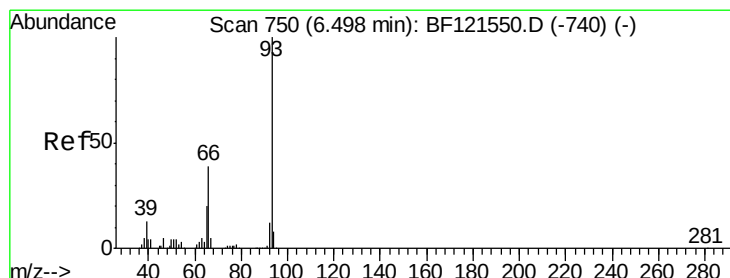
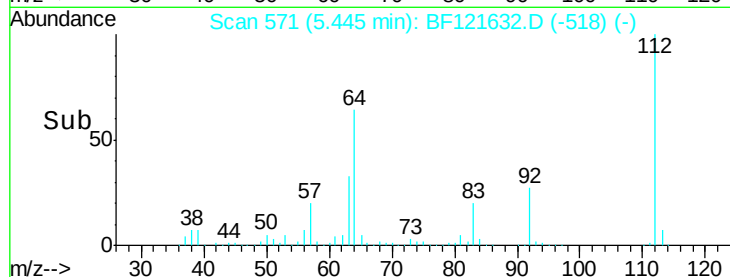
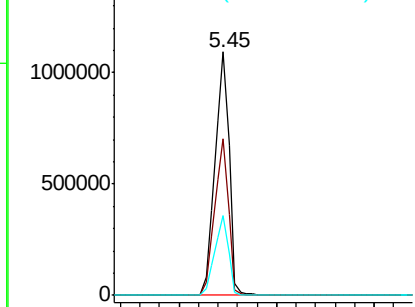
#5
2-Fluorophenol
Concen: 101.617 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

Tot Ion: 112 Resp: 1101255
Ion Ratio Lower Upper
112 100
64 64.2 52.2 78.2
63 32.9 26.6 39.8

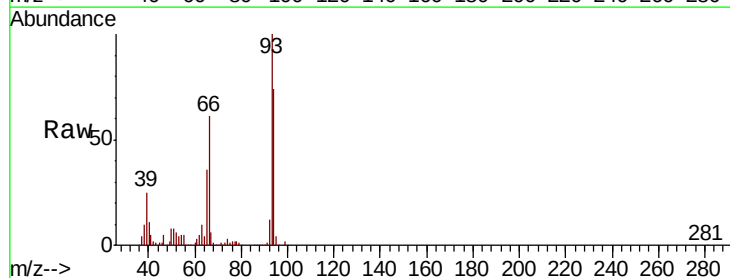


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

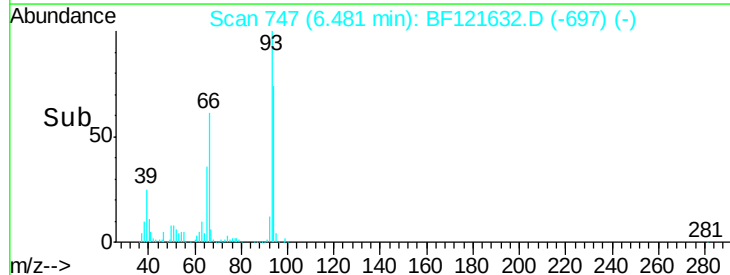
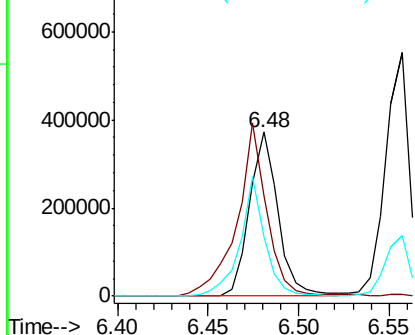


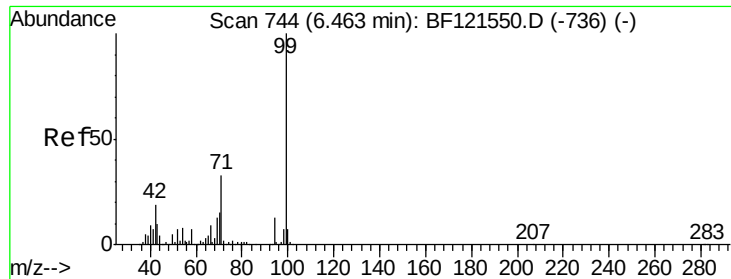
#6
Aniline
Concen: 22.099 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion: 93 Resp: 409218
Ion Ratio Lower Upper
93 100
66 60.9 31.9 47.9#
65 36.0 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.145 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

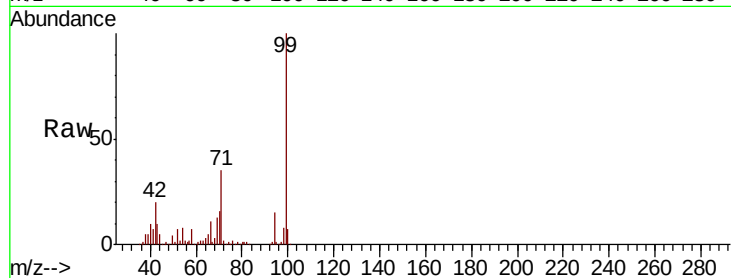
Tot Ion: 99 Resp: 1452289

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.5	23.3
71	35.0	27.4	41.2

99 100

42 20.3 15.5 23.3

71 35.0 27.4 41.2

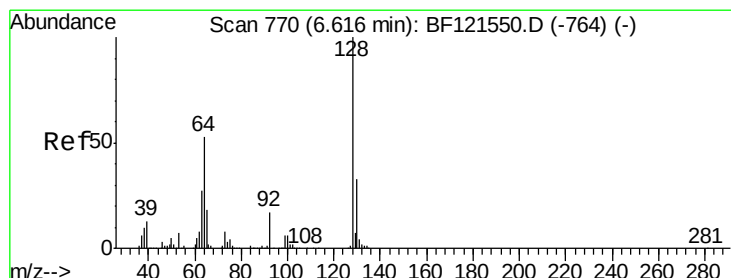
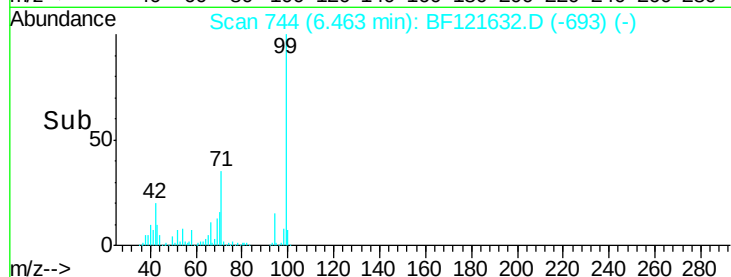
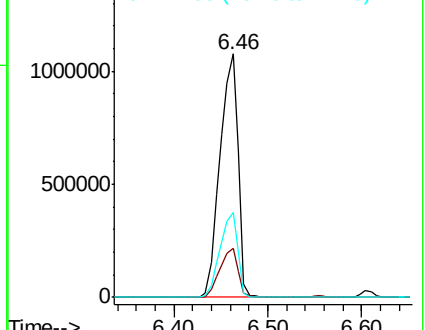


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.024 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

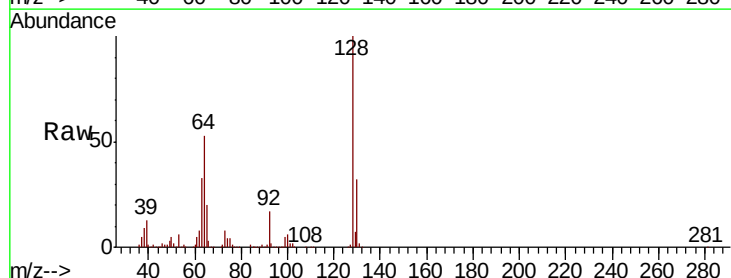
Tgt Ion: 128 Resp: 507828

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.5	53.5
64	52.8	29.3	69.3

128 100

130 32.4 13.5 53.5

64 52.8 29.3 69.3

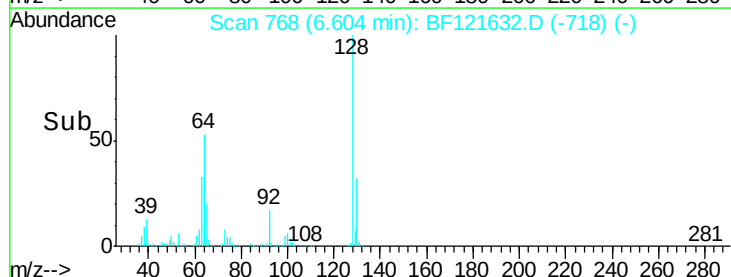
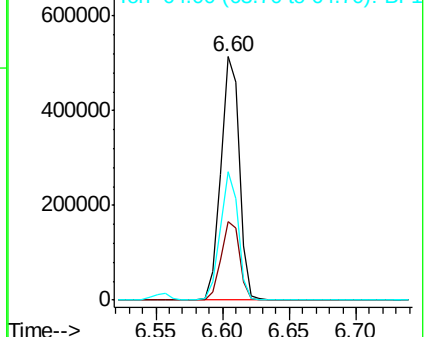


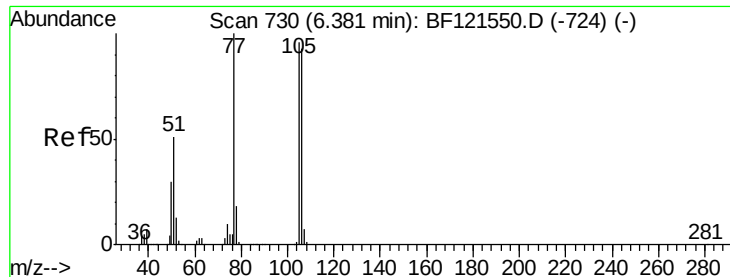
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.409 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

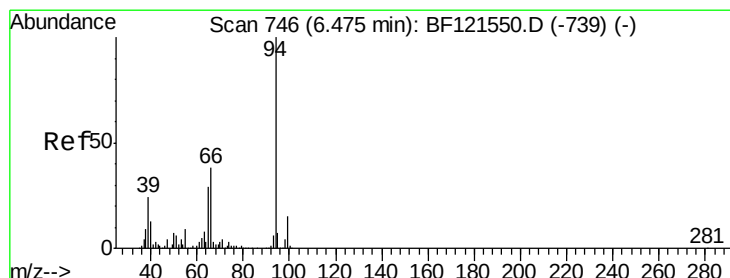
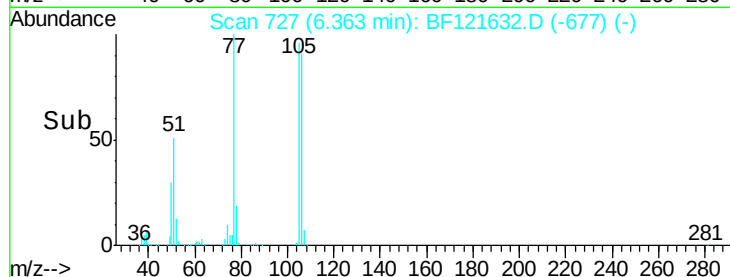
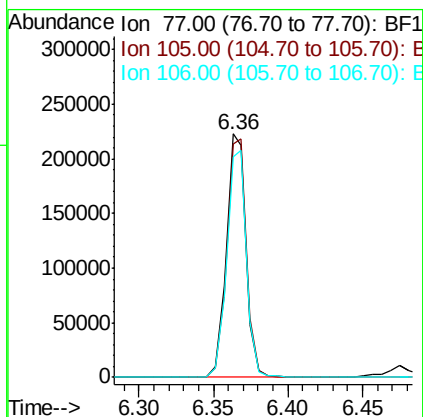
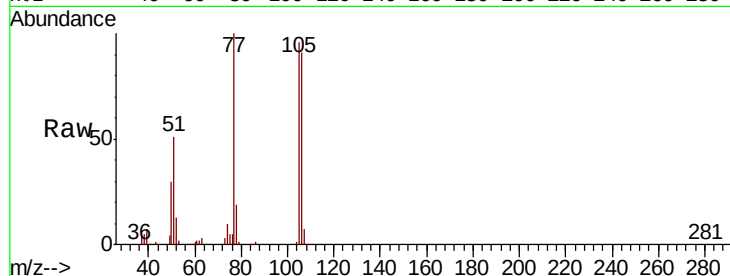
Tot Ion: 77 Resp: 208281

Ion Ratio Lower Upper

77 100

105 95.8 79.2 119.2

106 90.7 72.9 112.9



#10

Phenol

Concen: 40.449 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

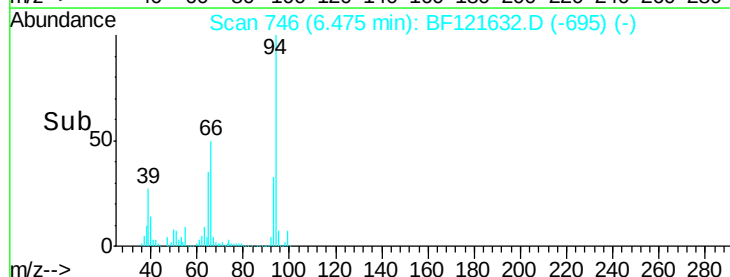
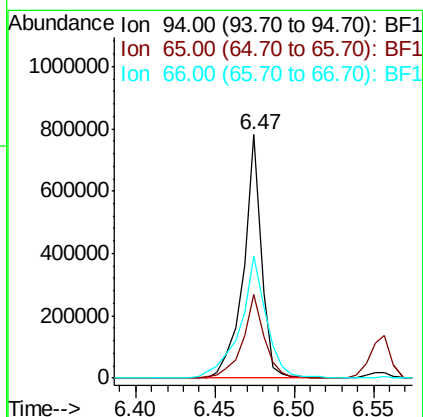
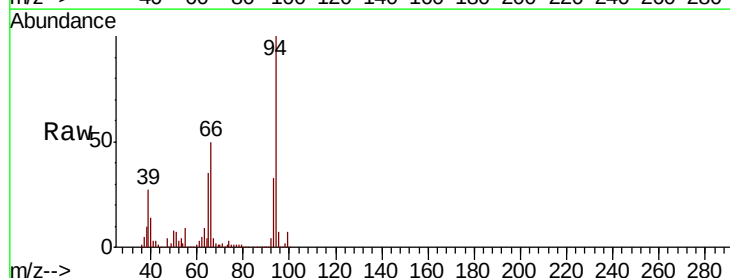
Tgt Ion: 94 Resp: 612404

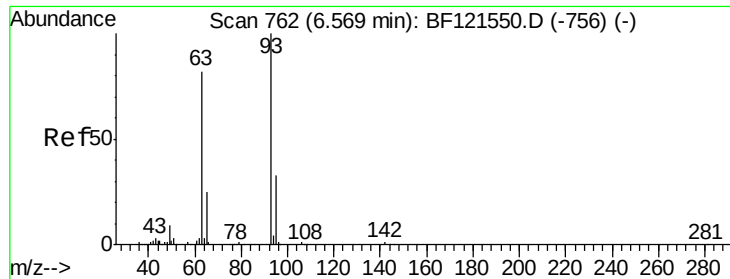
Ion Ratio Lower Upper

94 100

65 34.6 17.8 57.8

66 50.2 37.8 77.8

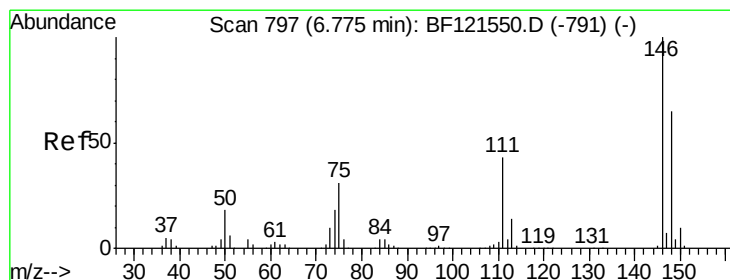
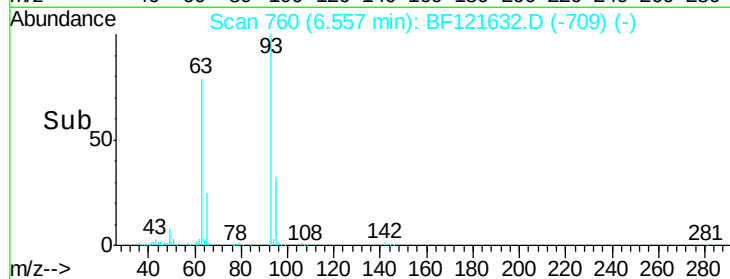
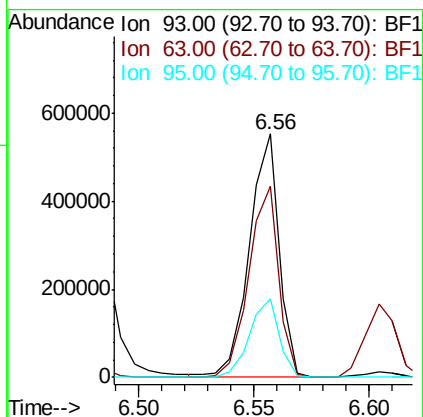
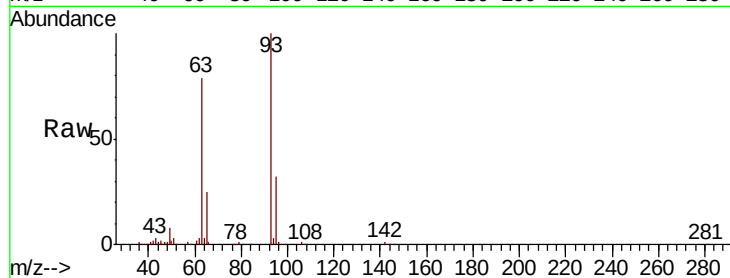




#11
 bis(2-Chloroethyl)ether
 Concen: 43.604 ng
 RT: 6.56 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

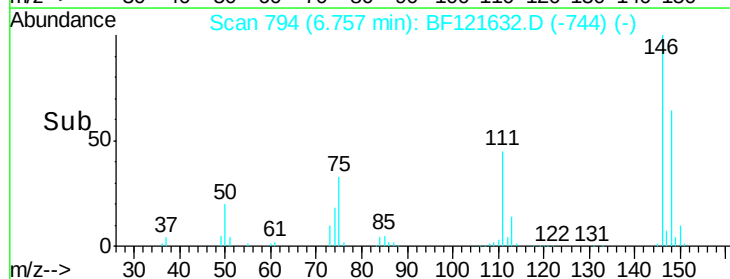
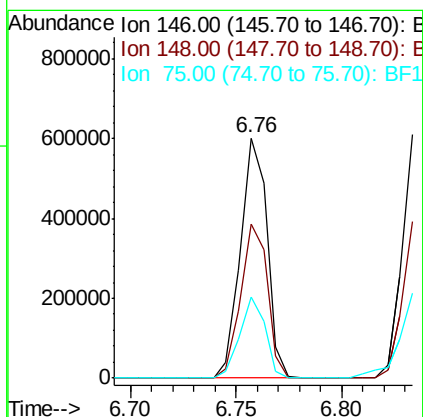
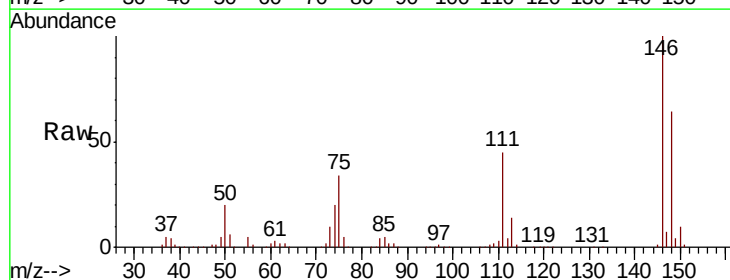
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MS

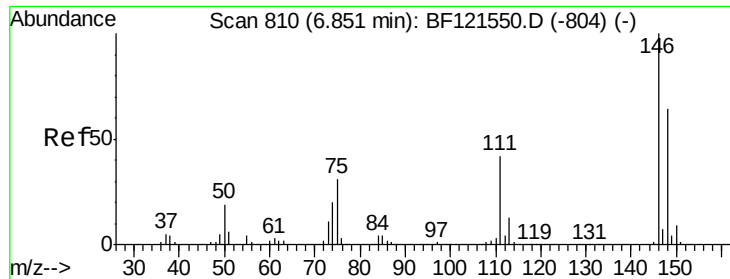
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	60.3	100.3
95	32.3	12.6	52.6



#12
 1,3-Dichlorobenzene
 Concen: 42.541 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
75	33.7	23.5	35.3

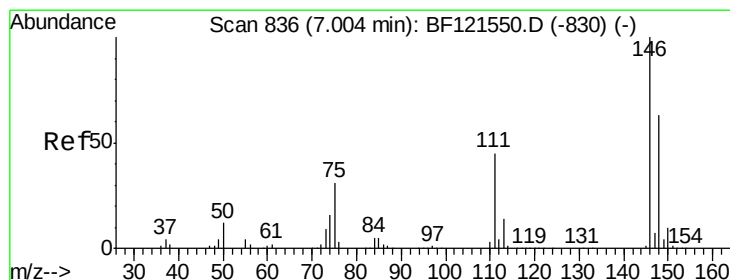
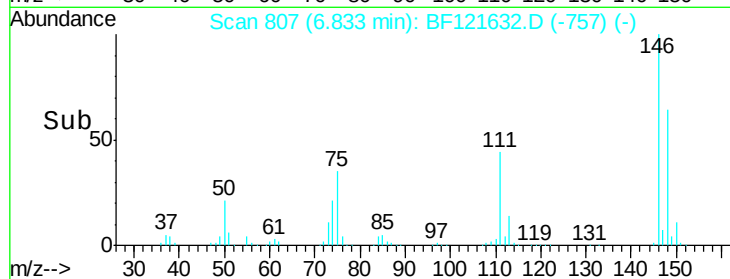
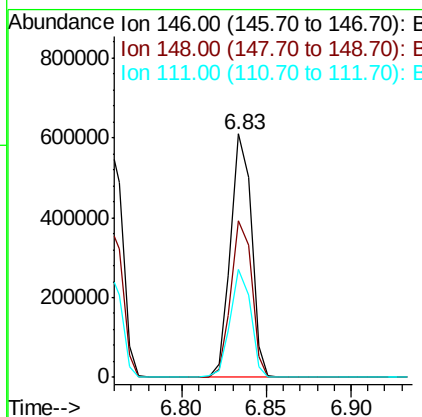
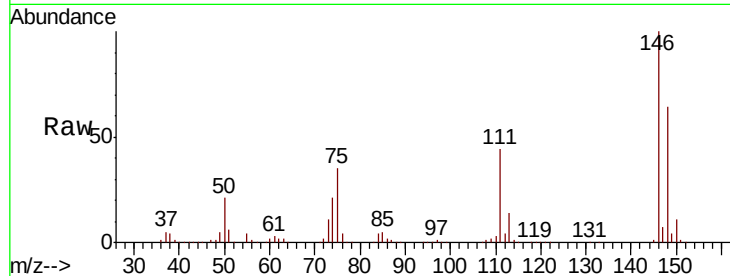




#13
 1,4-Dichlorobenzene
 Concen: 42.280 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

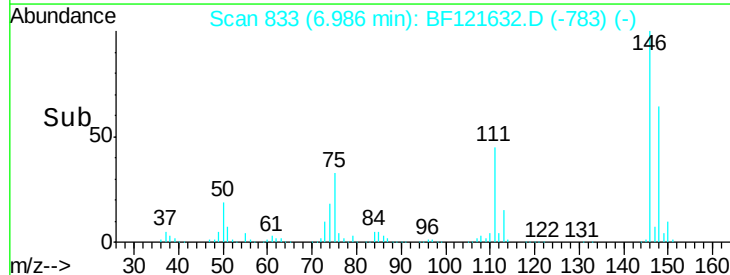
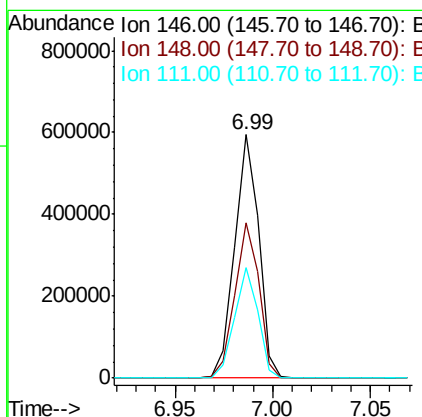
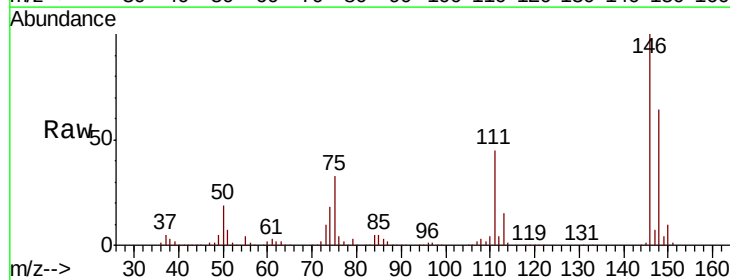
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MS

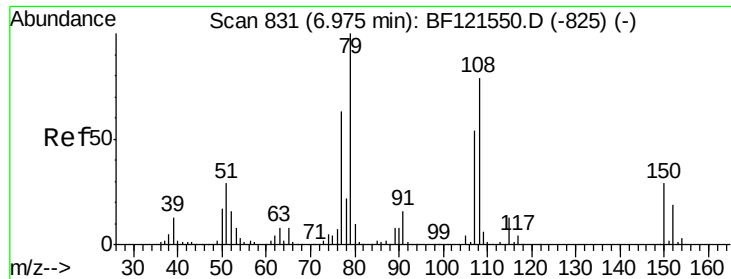
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	44.3	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 44.736 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
111	45.4	35.5	53.3

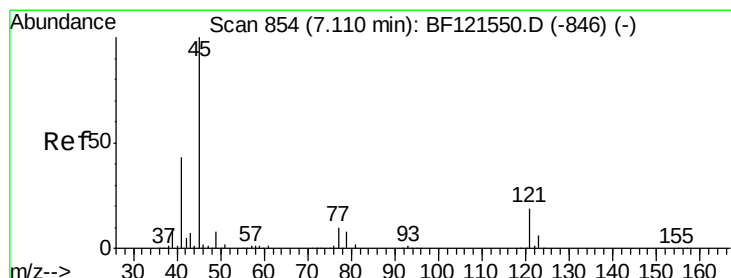
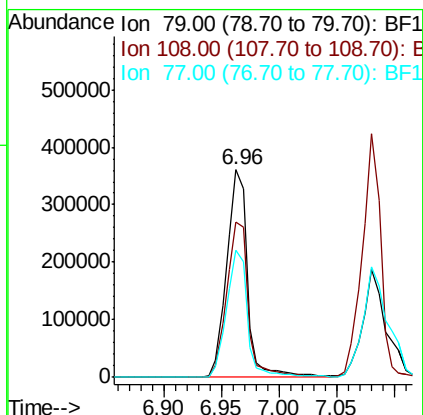
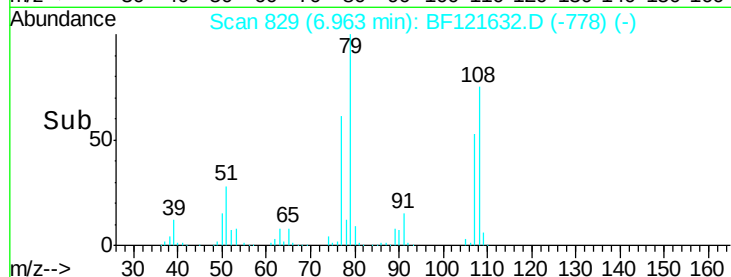
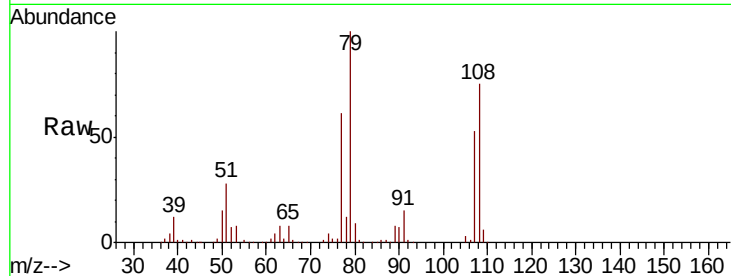




#15
Benzyl Alcohol
Concen: 46.976 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

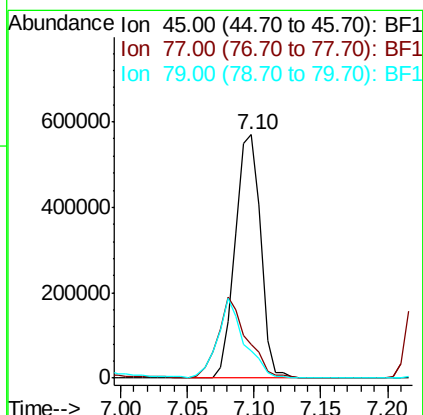
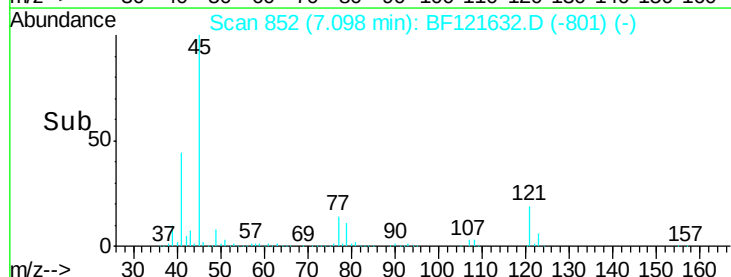
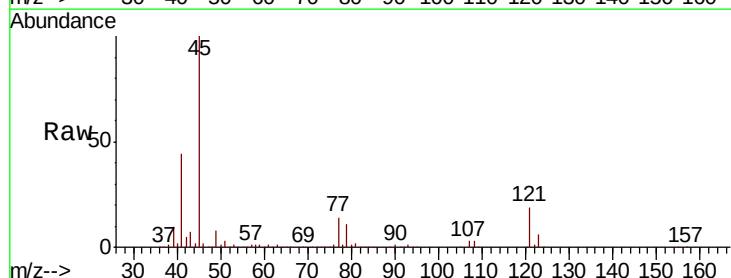
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

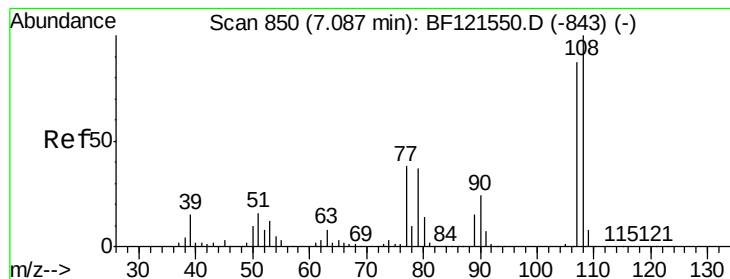
Tot Ion: 79 Resp: 453968
Ion Ratio Lower Upper
79 100
108 75.1 60.2 90.2
77 61.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.210 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion: 45 Resp: 756729
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.8
79 11.1 0.0 31.2





#17

2-Methylphenol

Concen: 44.512 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

Tot Ion:107 Resp: 417898

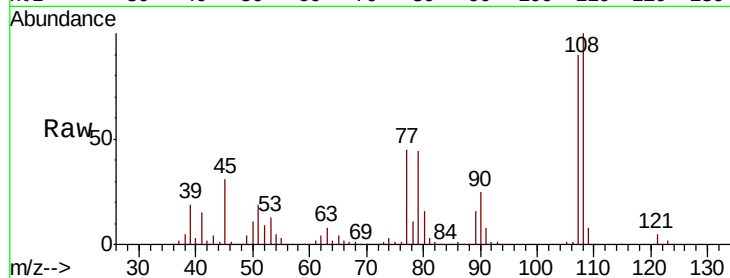
Ion Ratio Lower Upper

107 100

108 111.3 90.6 135.8

77 50.3 38.7 58.1

79 49.4 37.9 56.9

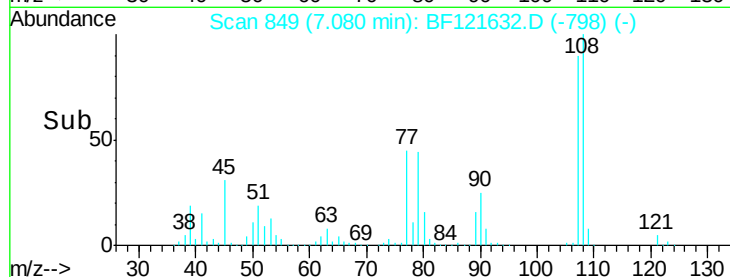


Abundance Ion 107.00 (106.70 to 107.70): E

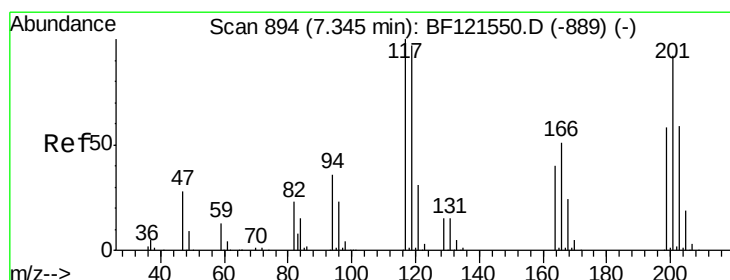
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 44.143 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

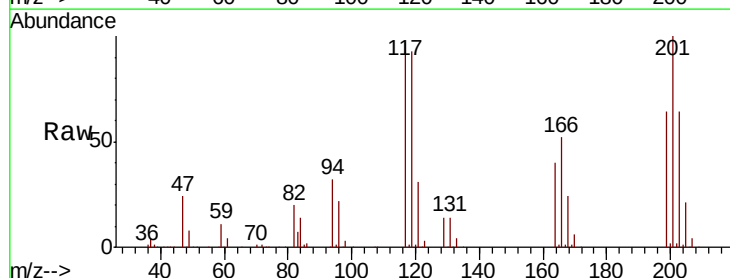
Tgt Ion:117 Resp: 195456

Ion Ratio Lower Upper

117 100

119 96.2 75.7 113.5

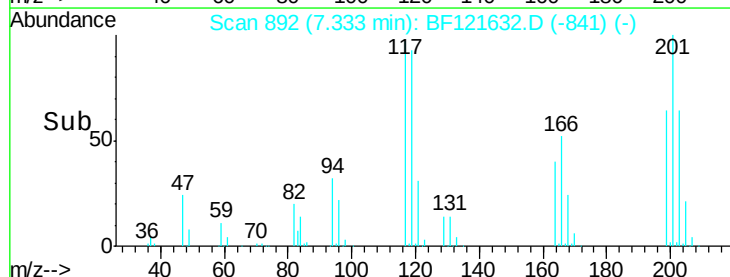
201 103.0 77.5 116.3



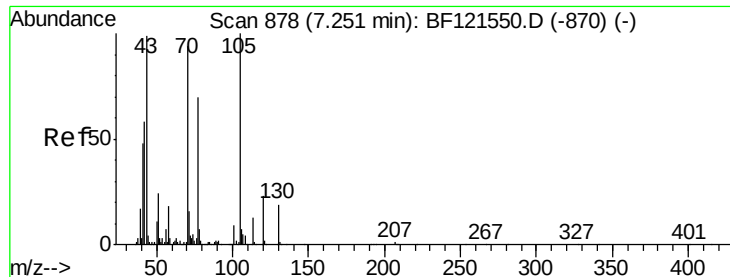
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



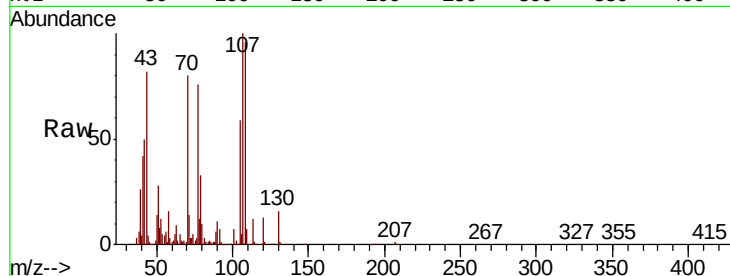
Time-->



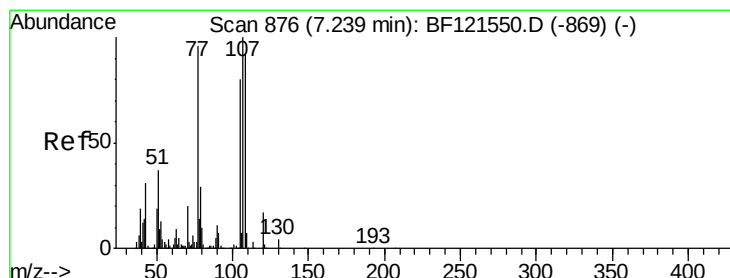
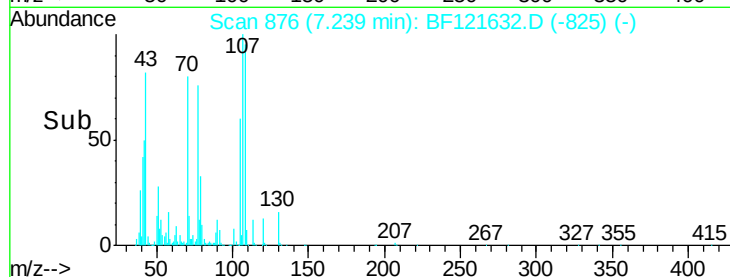
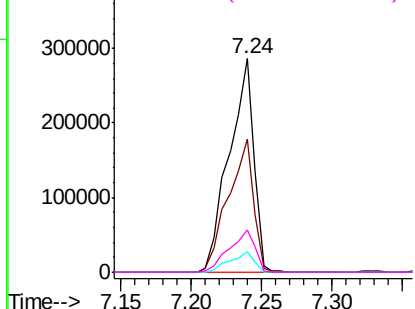
#19
n-Nitroso-di-n-propylamine
Concen: 42.619 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

Tot Ion:	70	Resp:	349227
Ion	Ratio	Lower	Upper
70	100		
42	62.3	48.3	72.5
101	9.3	7.6	11.4
130	19.9	15.9	23.9

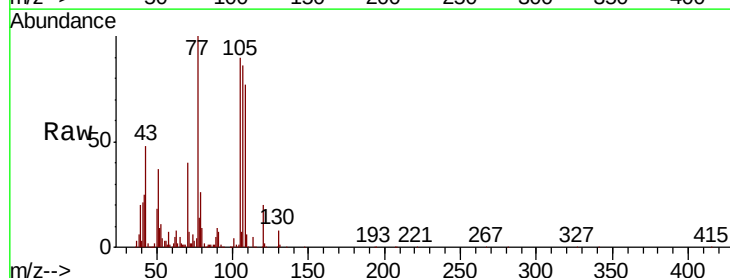


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

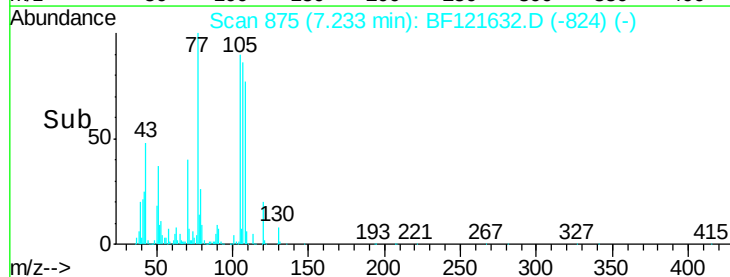
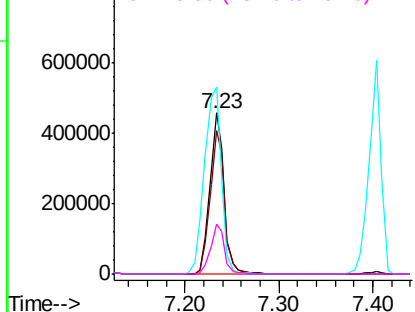


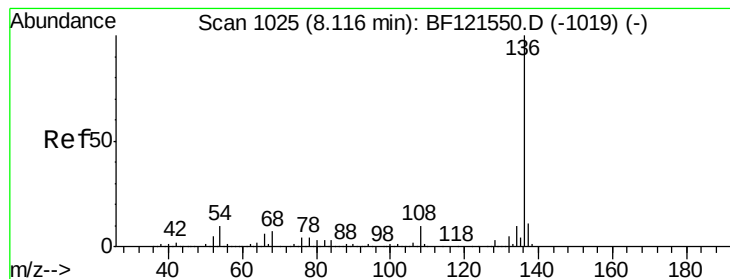
#20
3+4-Methylphenols
Concen: 43.349 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:	107	Resp:	488969
Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.0	107.0
77	116.3	107.7	147.7
79	30.6	10.3	50.3



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

Tot Ion:136 Resp: 633764

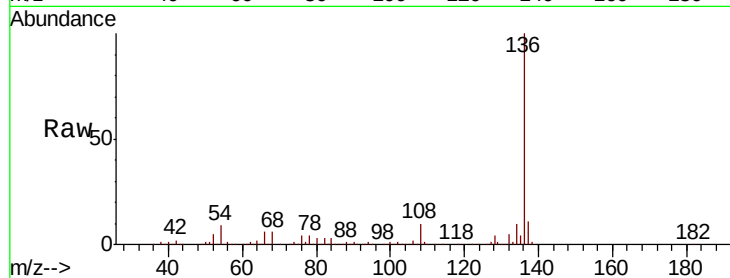
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 7.4 11.0

68 6.5 5.3 7.9

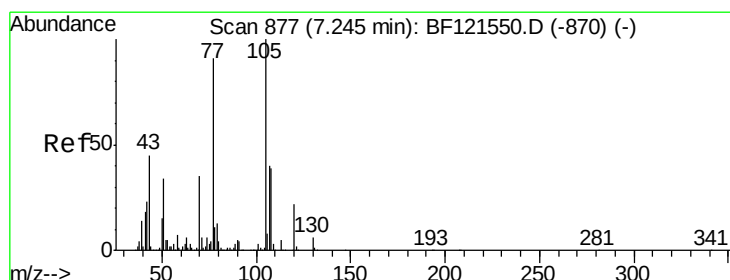
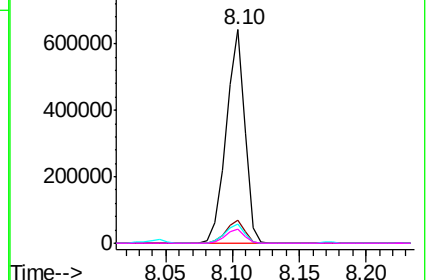
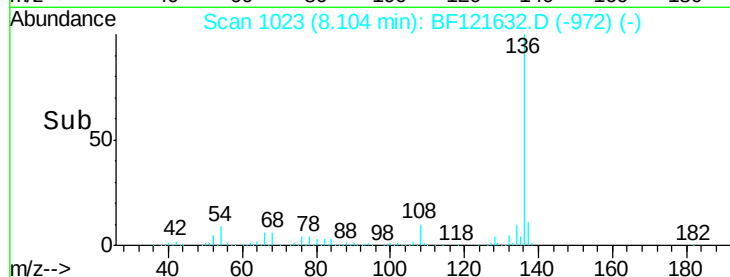


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.962 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Tgt Ion:105 Resp: 658664

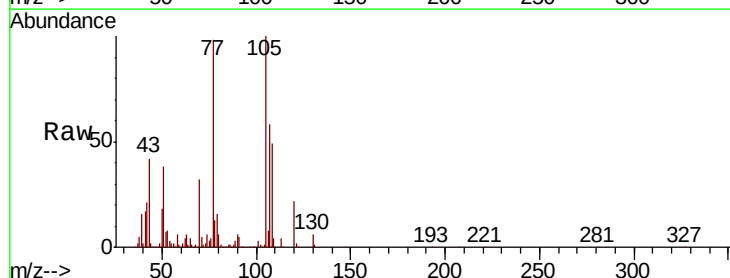
Ion Ratio Lower Upper

105 100

71 5.2 5.5 8.3#

51 37.5 31.7 47.5

120 21.7 17.4 26.2

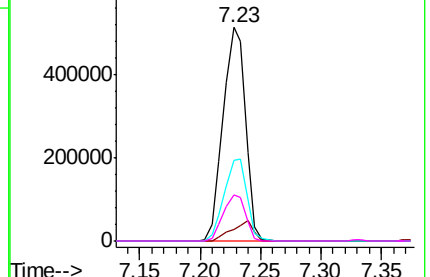
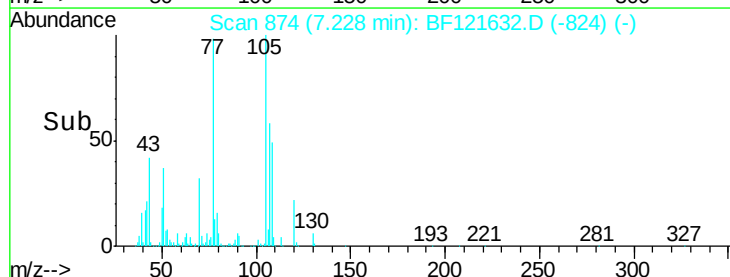


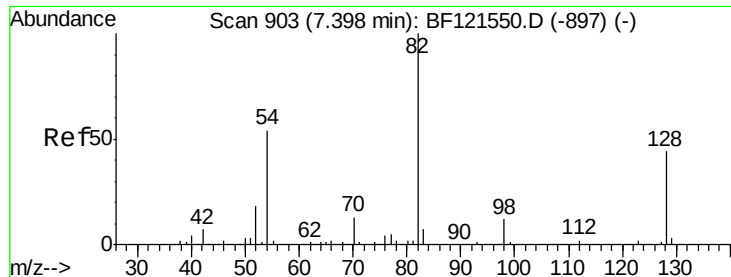
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

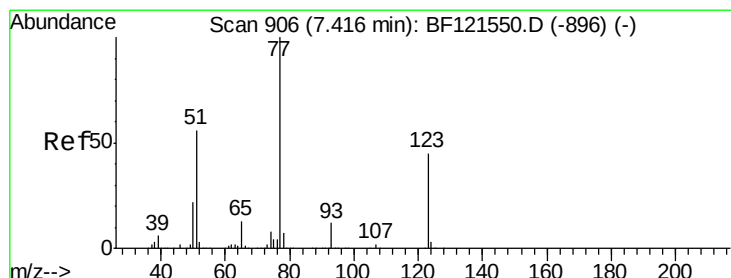
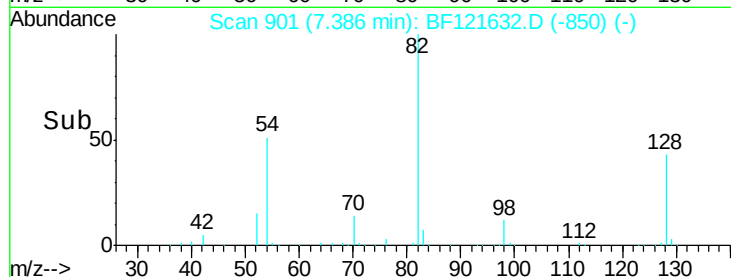
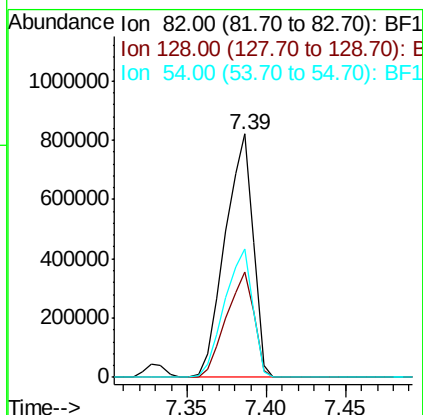
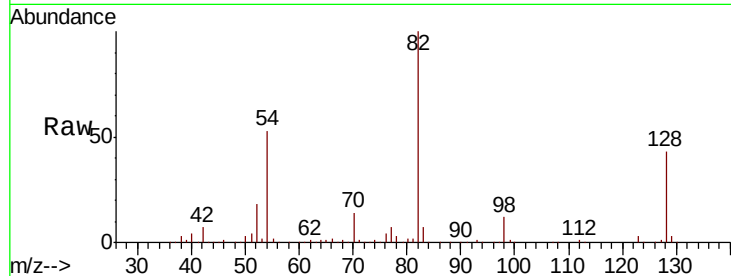




#23
 Nitrobenzene-d5
 Concen: 85.354 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

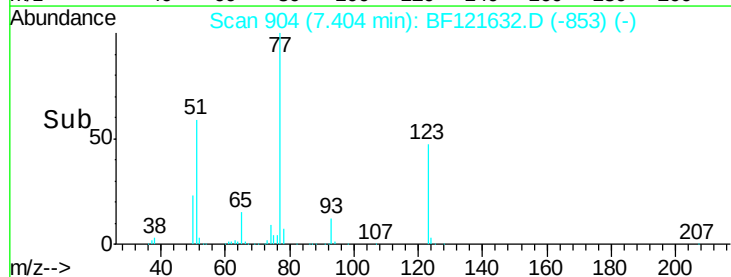
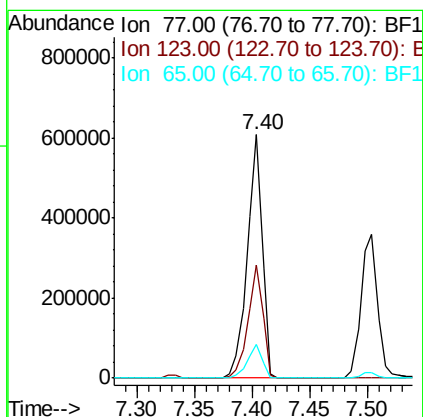
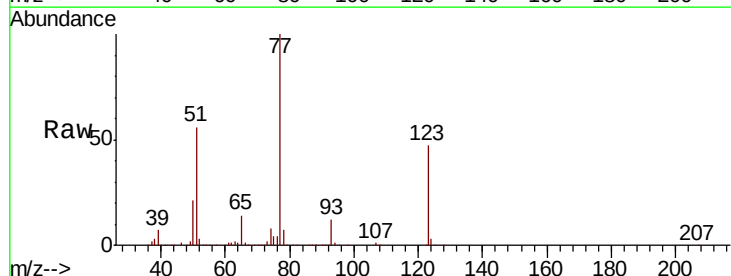
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MS

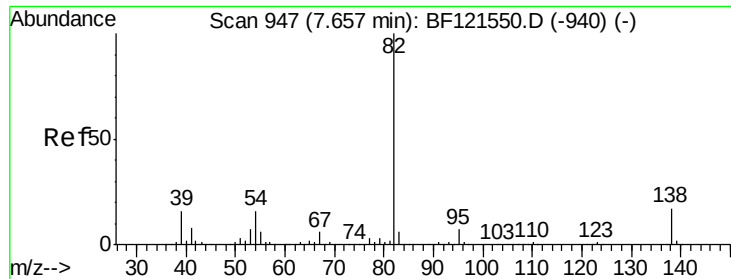
Tot Ion: 82 Resp: 1007500
 Ion Ratio Lower Upper
 82 100
 128 43.0 33.9 50.9
 54 52.9 42.9 64.3



#24
 Nitrobenzene
 Concen: 42.753 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion: 77 Resp: 545807
 Ion Ratio Lower Upper
 77 100
 123 46.5 35.8 53.8
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 41.607 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

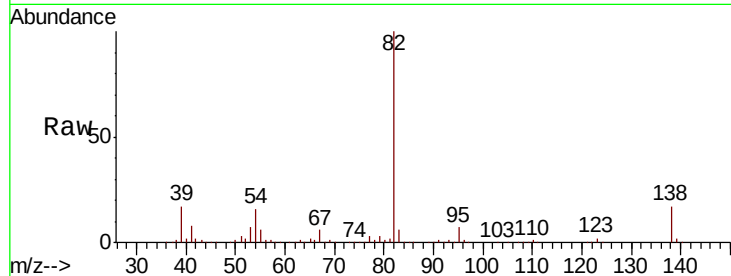
Tot Ion: 82 Resp: 988621

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

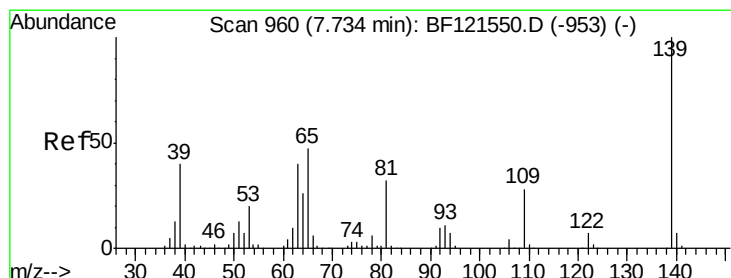
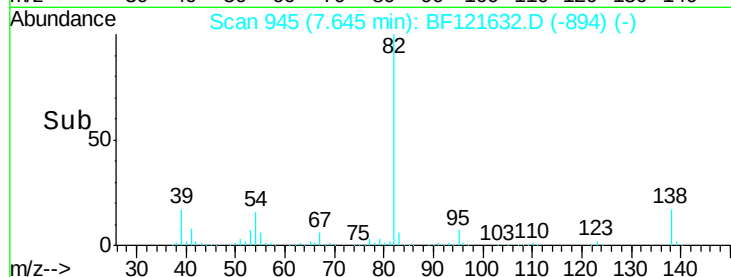
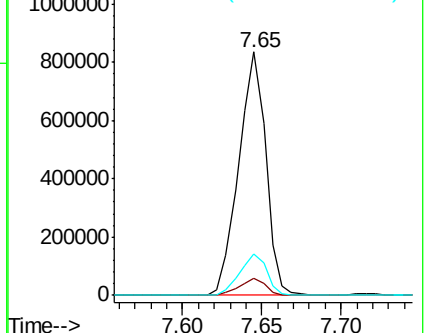
138 17.1 13.2 19.8



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: 44.016 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

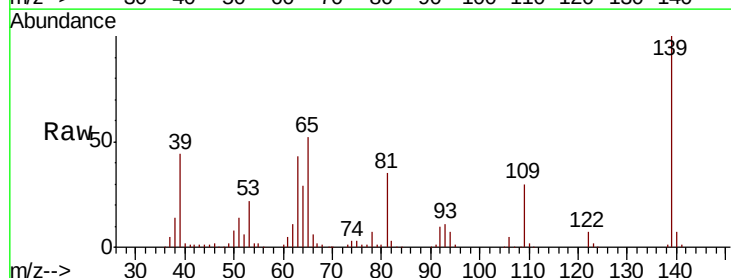
Tgt Ion: 139 Resp: 263189

Ion Ratio Lower Upper

139 100

109 30.2 23.4 35.2

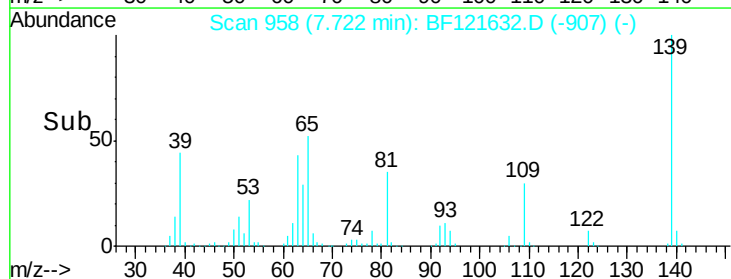
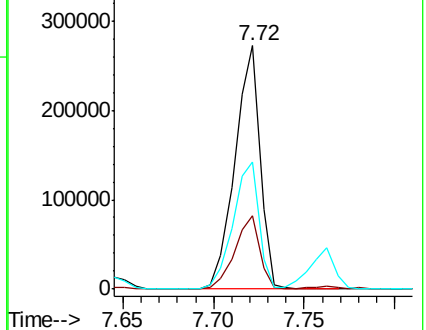
65 52.2 41.0 61.4

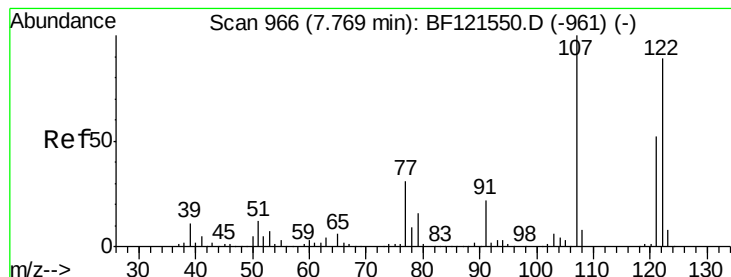


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.918 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

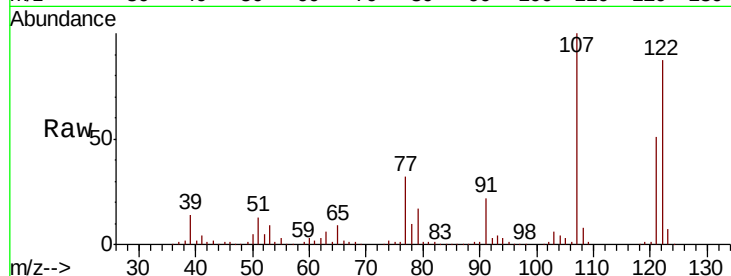
Tot Ion:122 Resp: 444600

Ion Ratio Lower Upper

122 100

107 114.9 91.4 137.0

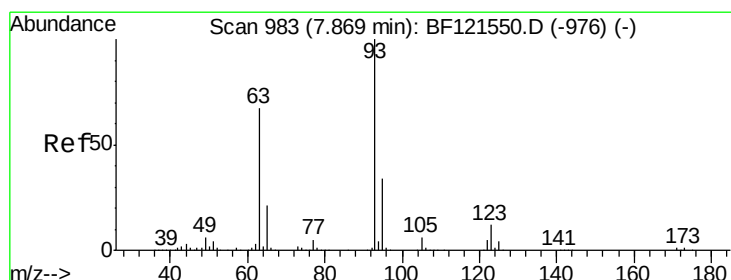
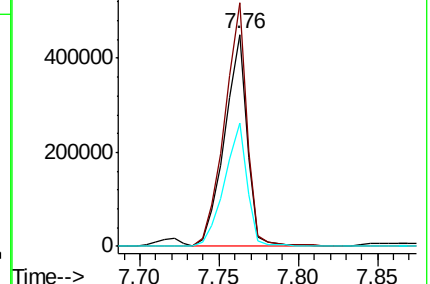
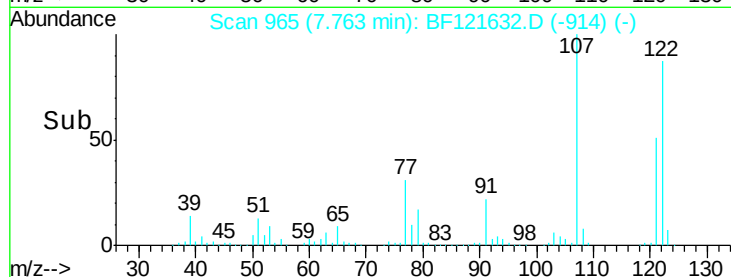
121 58.5 46.2 69.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.451 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

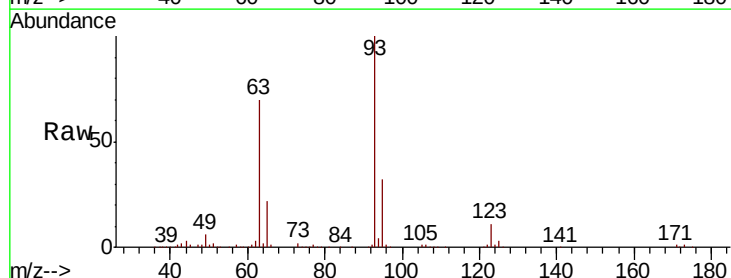
Tgt Ion: 93 Resp: 624448

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

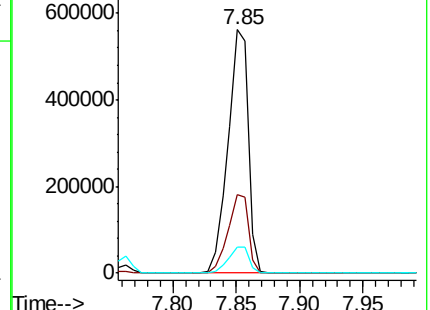
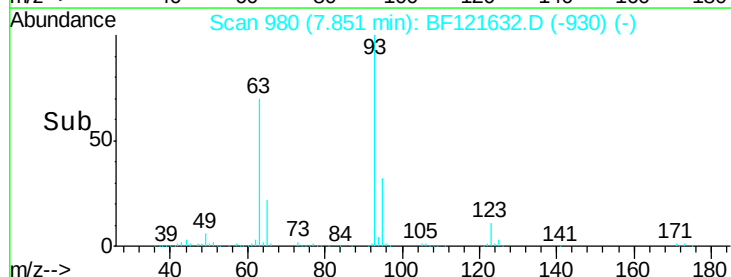
123 10.8 9.3 13.9

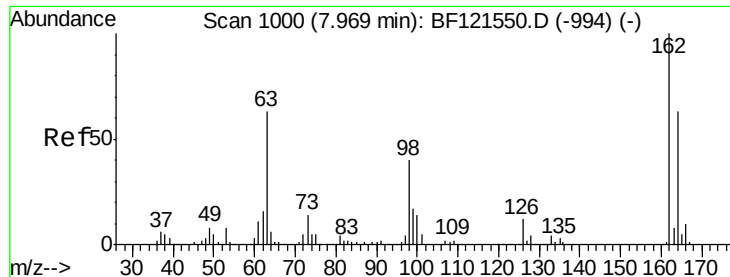


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

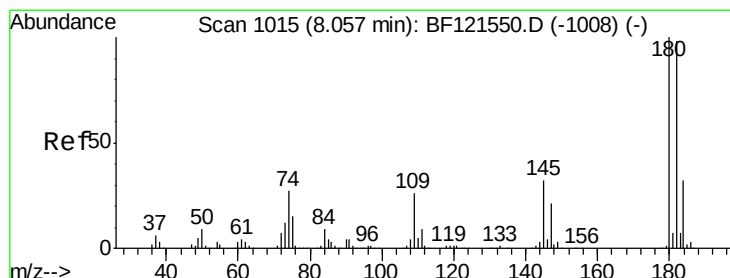
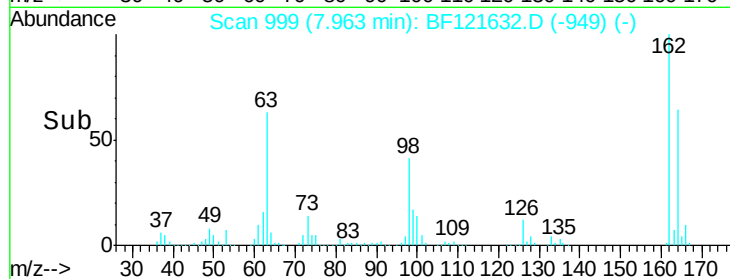
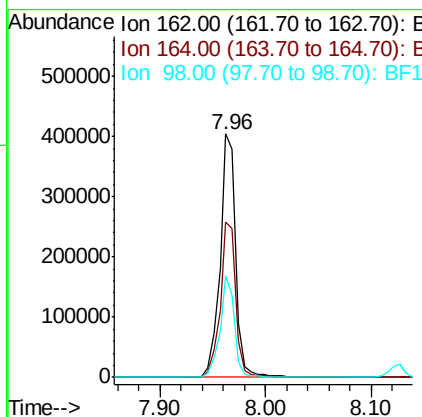
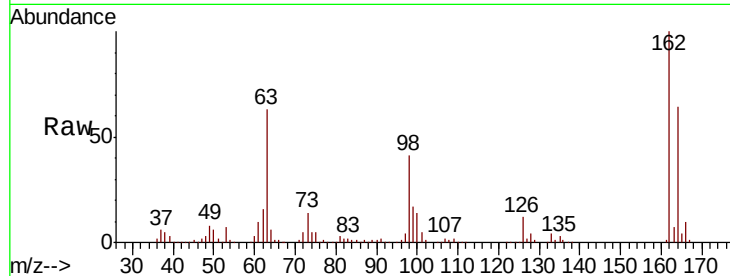




#29
 2,4-Dichlorophenol
 Concen: 43.496 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

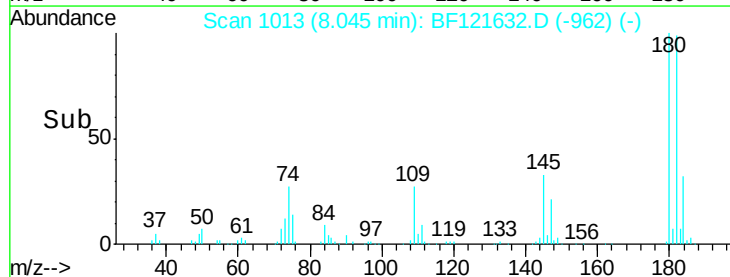
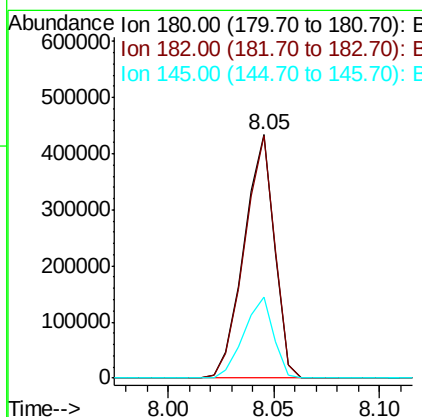
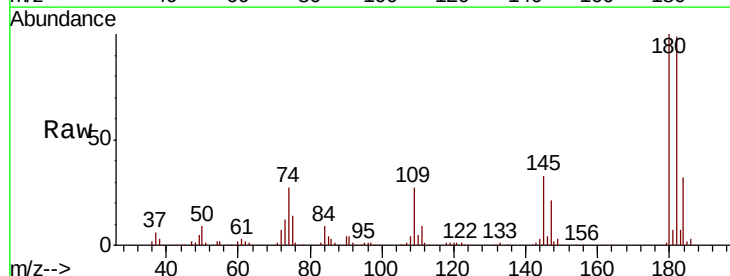
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MS

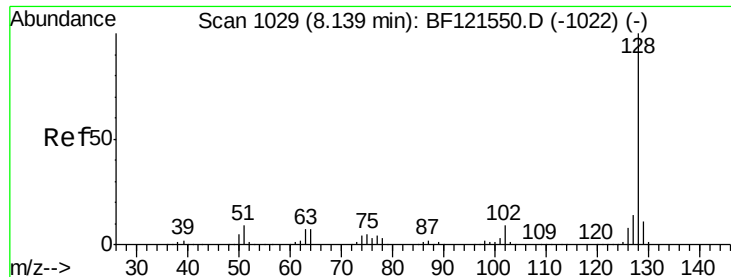
Tot Ion:162	Resp:	420192
Ion Ratio	Lower	Upper
162	100	
164	63.8	44.1 84.1
98	41.5	16.7 56.7



#30
 1,2,4-Trichlorobenzene
 Concen: 42.659 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion:180	Resp:	434017
Ion Ratio	Lower	Upper
180	100	
182	99.4	78.6 117.8
145	33.4	26.2 39.2

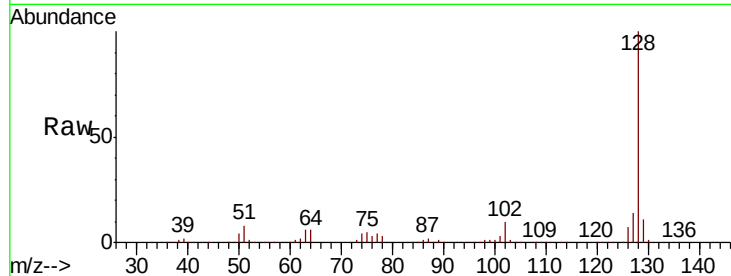




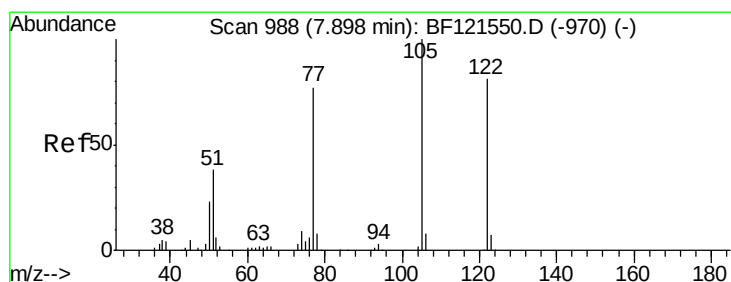
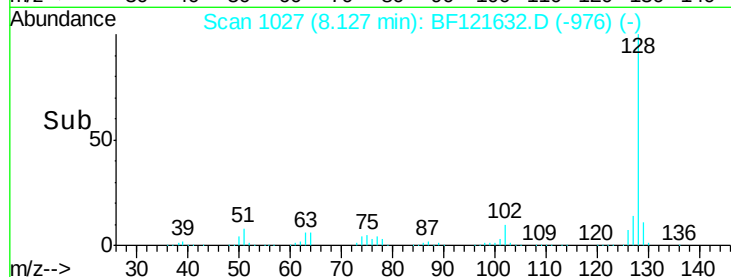
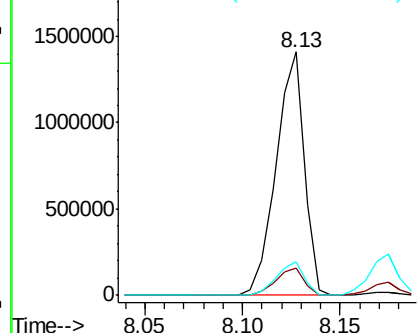
#31
Naphthalene
Concen: 42.008 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

Tot Ion:128 Resp: 1405395
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.7 10.8 16.2

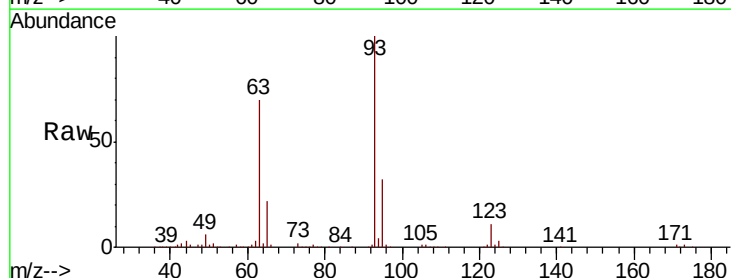


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

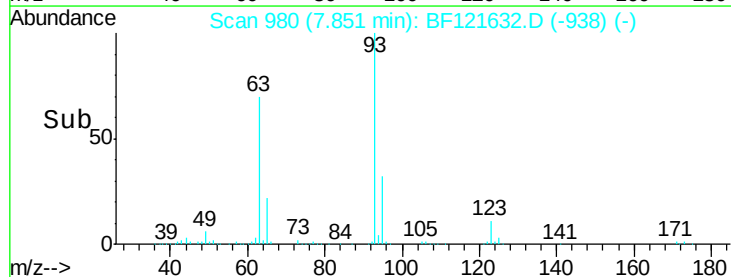
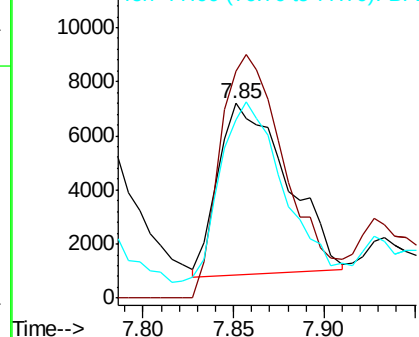


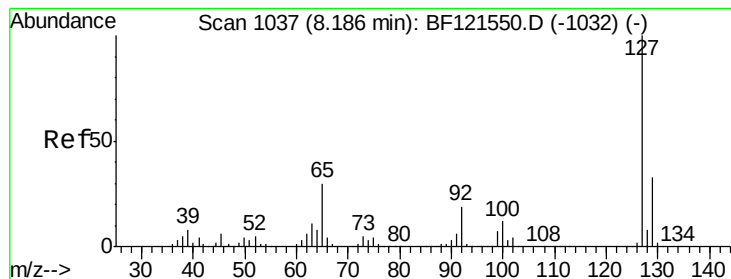
#32
Benzoic acid
Concen: 8.755 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:122 Resp: 16831
Ion Ratio Lower Upper
122 100
105 116.5 101.9 141.9
77 91.7 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 17.206 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

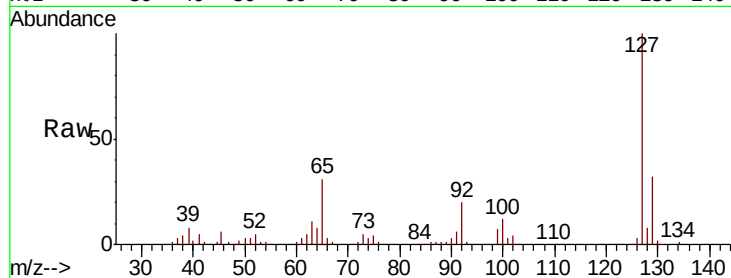
Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

Tot Ion:	127	Resp:	249525
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	30.9	26.3	39.5
92	19.6	16.2	24.4

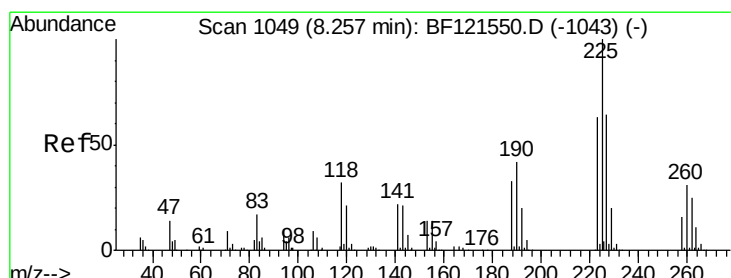
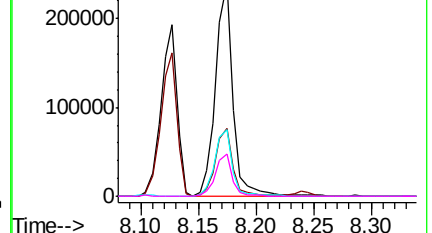
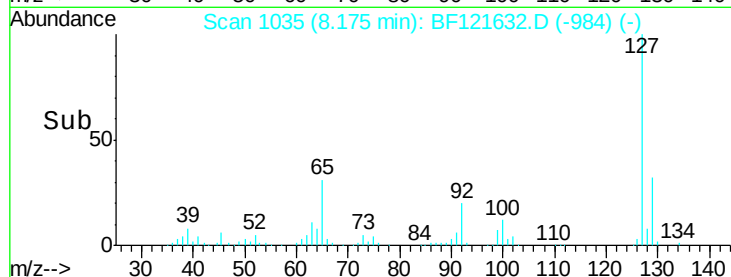


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.678 ng

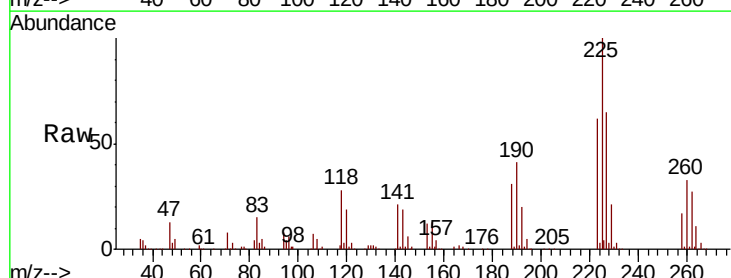
RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

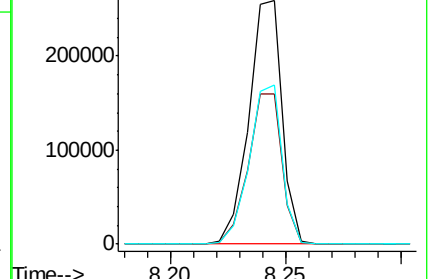
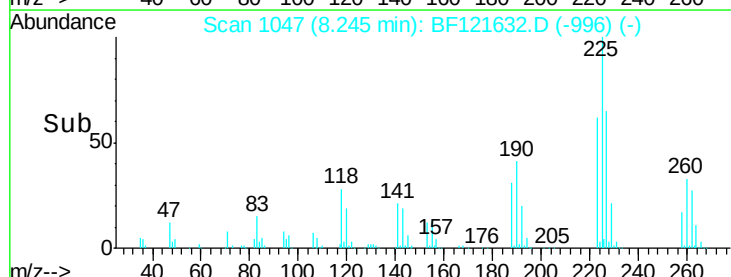
Tgt Ion:	225	Resp:	260842
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.4	77.2
227	65.3	51.7	77.5

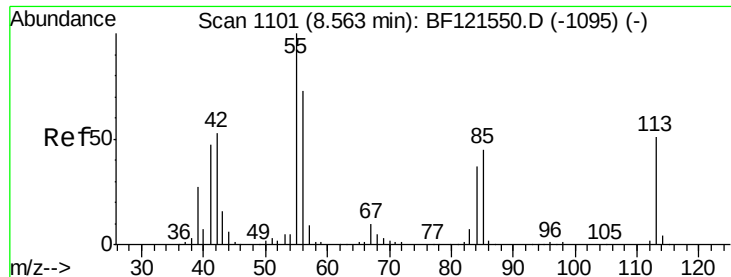


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

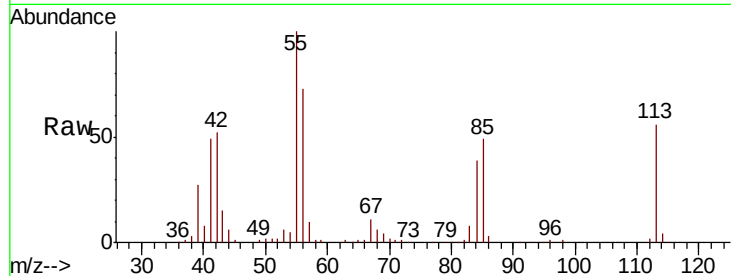




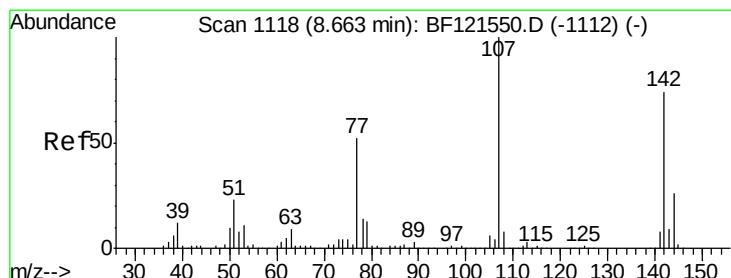
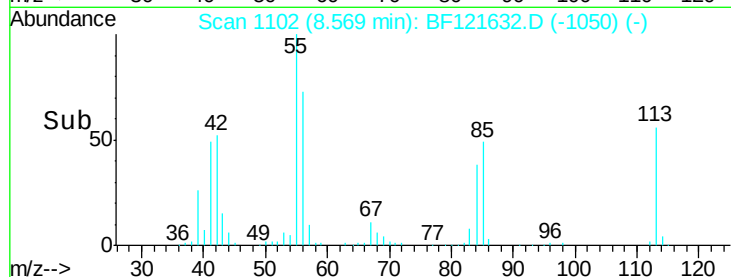
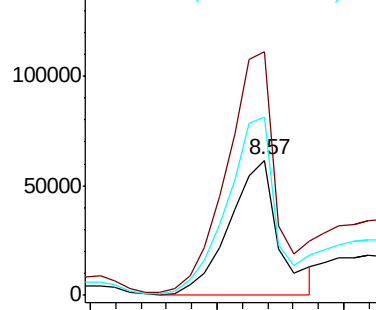
#35
 Caprolactam
 Concen: 26.000 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MS

Tot Ion:113 Resp: 83644
 Ion Ratio Lower Upper
 113 100
 55 179.9 166.3 206.3
 56 131.8 118.7 158.7

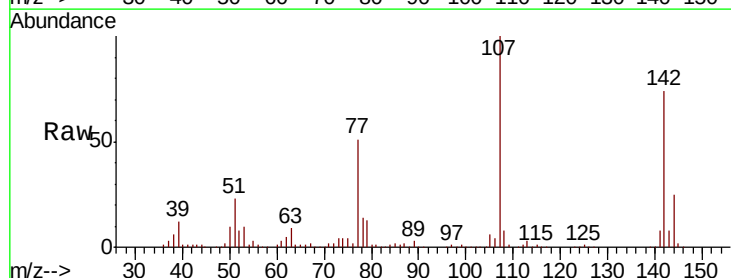


Abundance Ion 113.00 (112.70 to 113.70): E
 150000 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

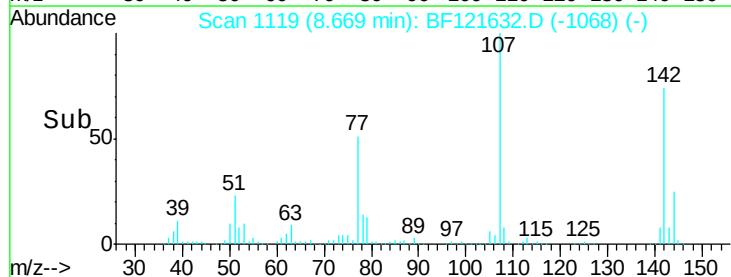
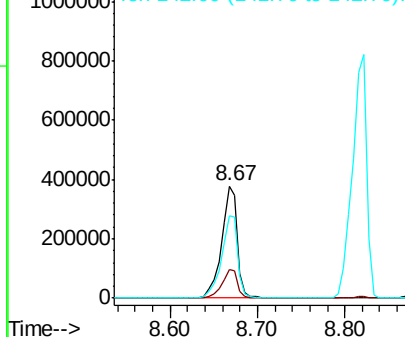


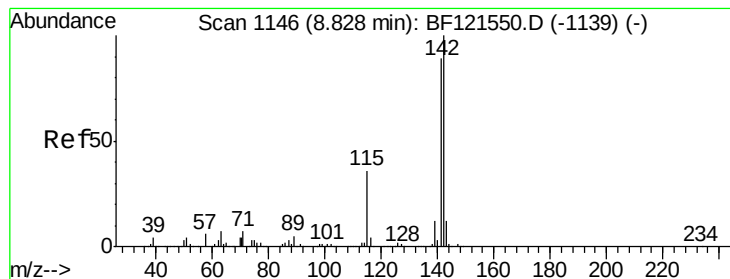
#36
 4-Chloro-3-methylphenol
 Concen: 45.178 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion:107 Resp: 470151
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.6 31.0
 142 73.5 61.7 92.5



Abundance Ion 107.00 (106.70 to 107.70): E
 1000000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.960 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

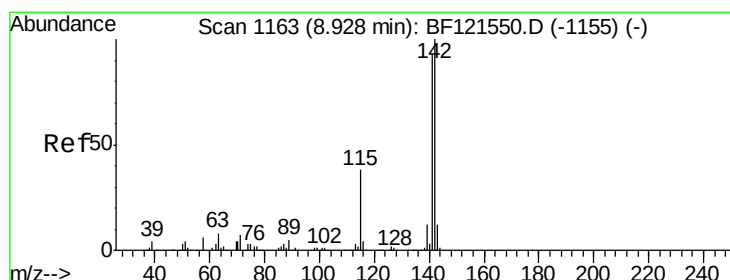
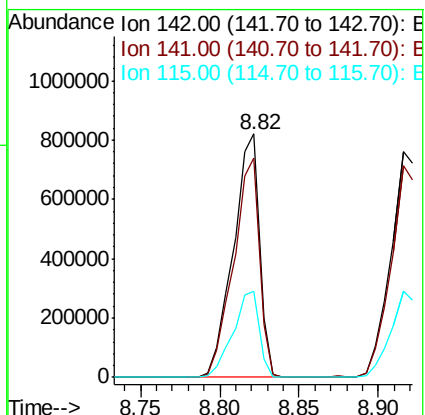
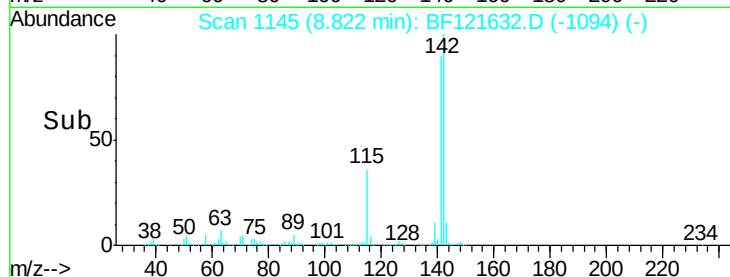
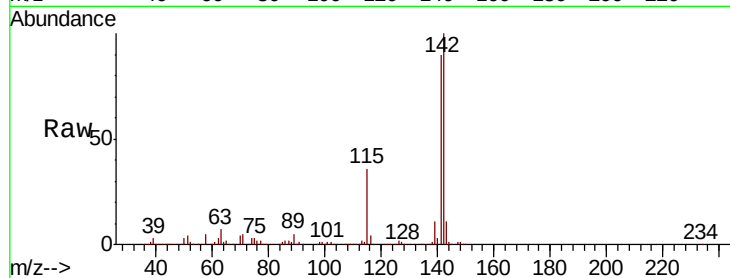
Tot Ion:142 Resp: 941880

Ion Ratio Lower Upper

142 100

141 89.9 72.2 108.2

115 35.6 28.5 42.7



#38

1-Methylnaphthalene

Concen: 42.874 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

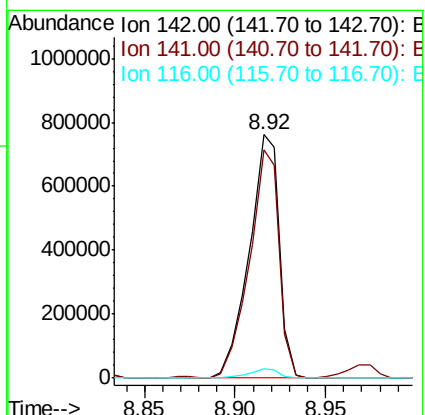
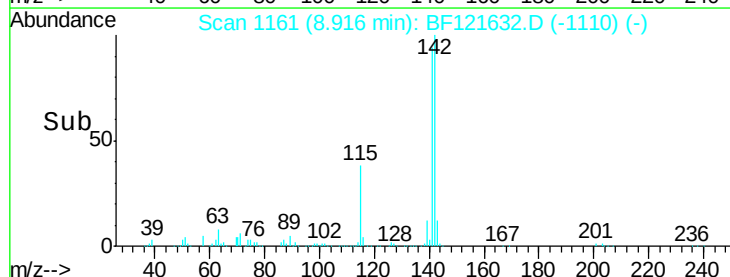
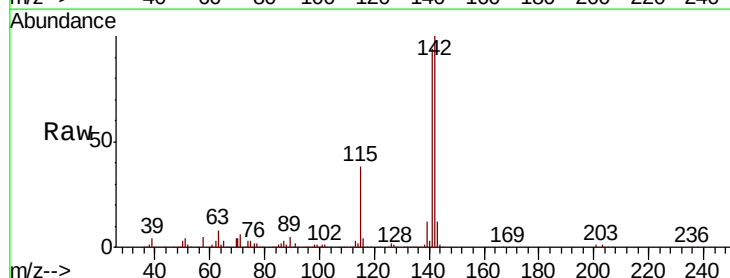
Tgt Ion:142 Resp: 874833

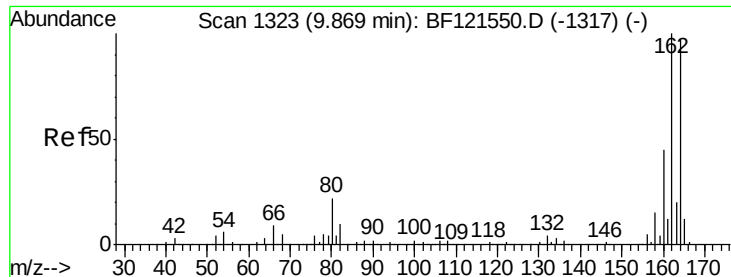
Ion Ratio Lower Upper

142 100

141 93.8 73.8 110.8

116 4.0 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

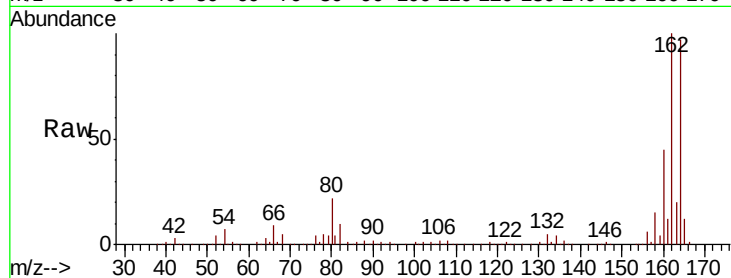
Tot Ion:164 Resp: 336317

Ion Ratio Lower Upper

164 100

162 103.3 81.2 121.8

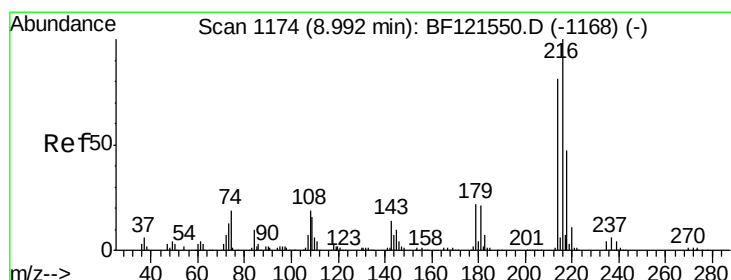
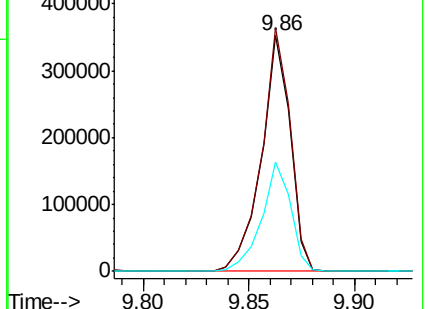
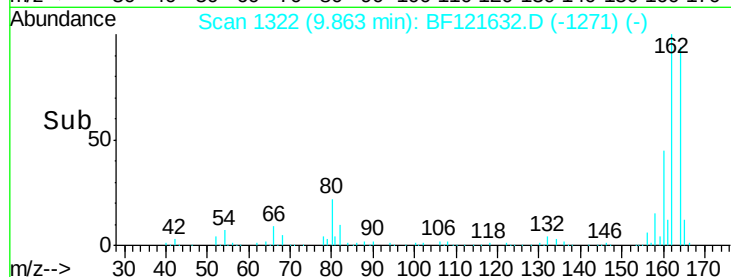
160 46.3 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.656 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Tgt Ion:216 Resp: 437614

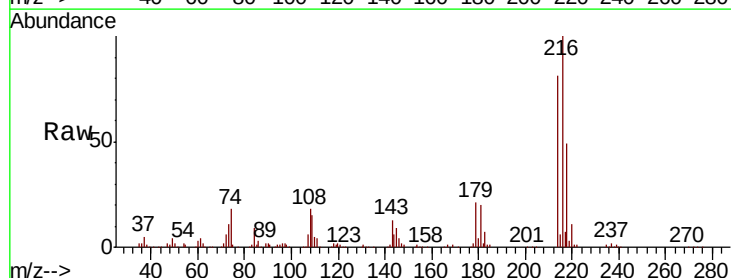
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 20.6 16.6 24.8

108 20.4 15.2 22.8

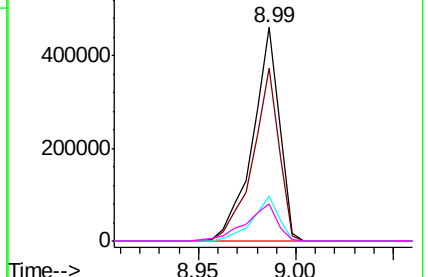
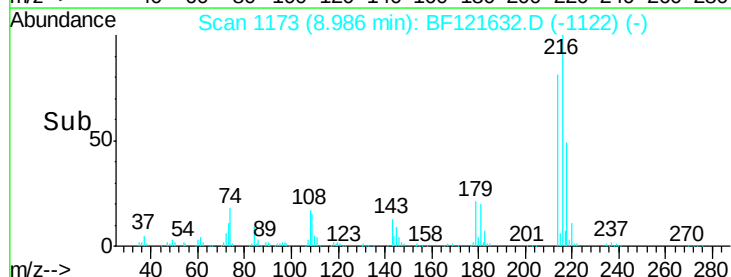


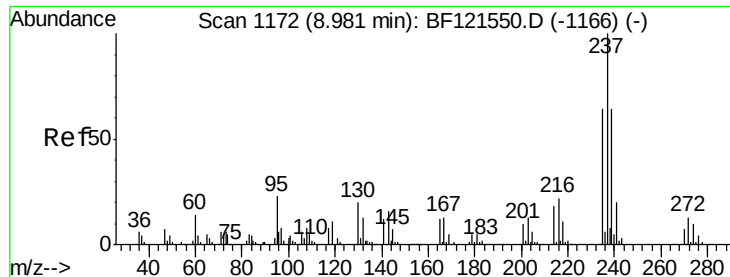
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

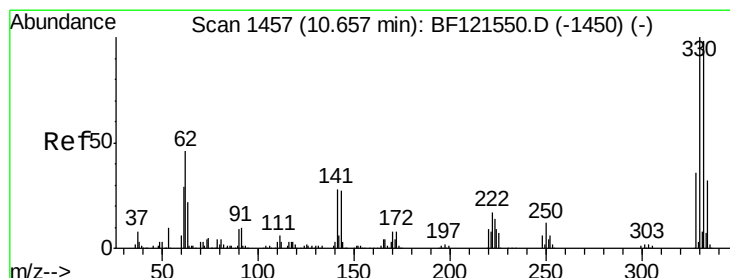
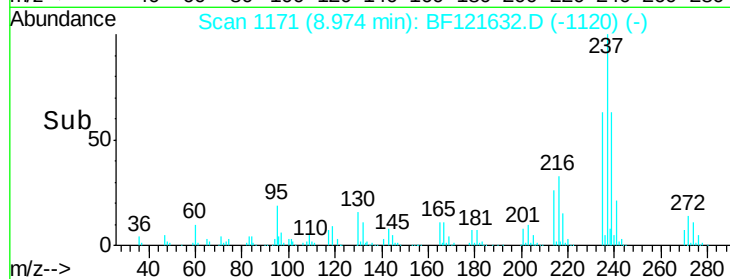
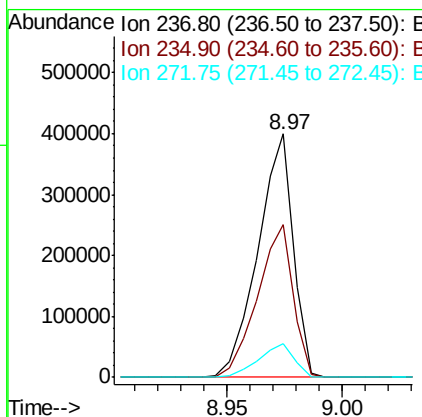
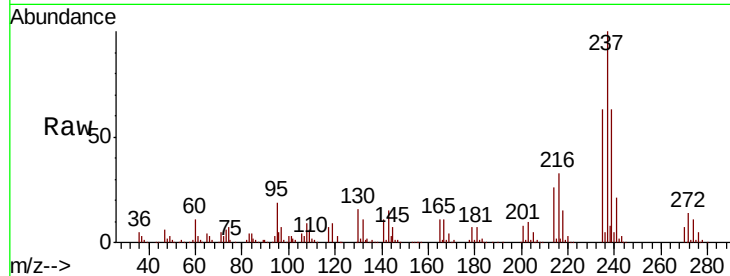




#41
Hexachlorocyclopentadiene
Concen: 70.858 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

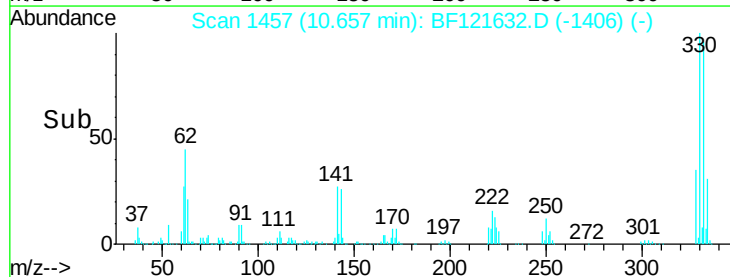
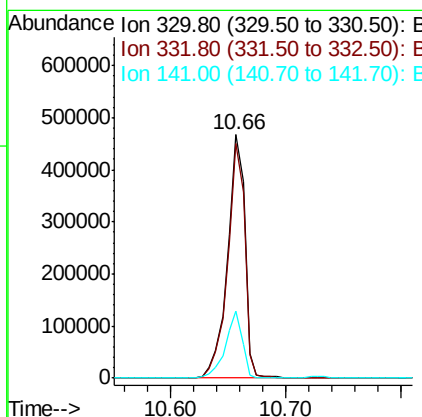
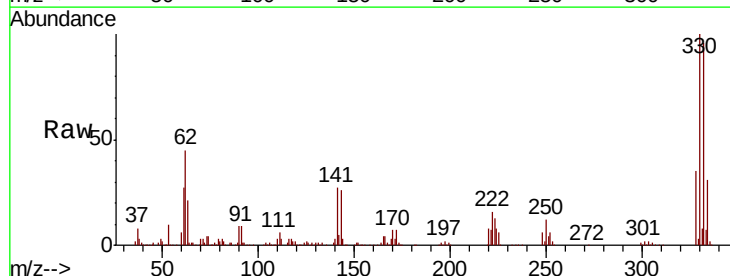
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

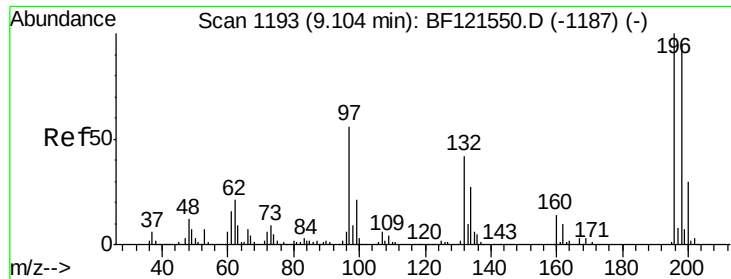
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.4	83.4
272	13.7	0.0	34.1



#42
2,4,6-Tribromophenol
Concen: 116.877 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	26.7	22.4	33.6

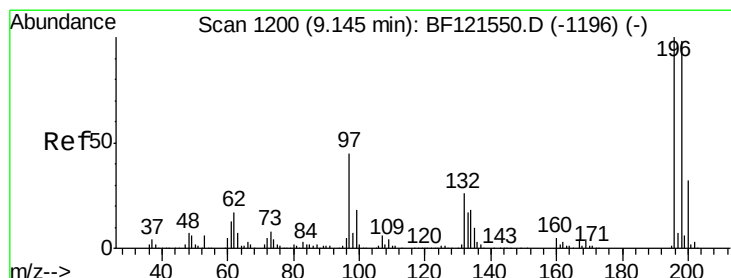
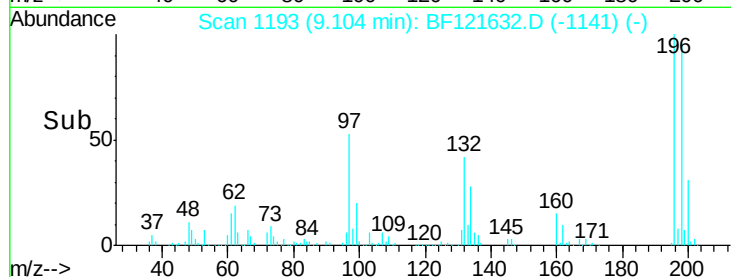
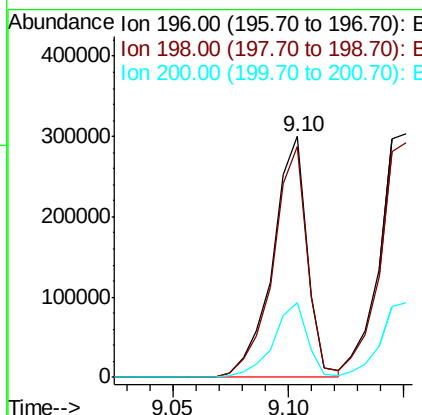
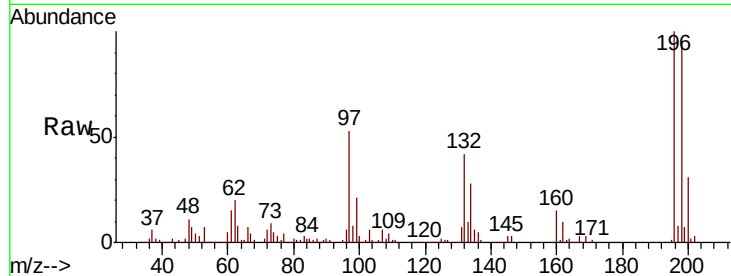




#43
 2,4,6-Trichlorophenol
 Concen: 43.397 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

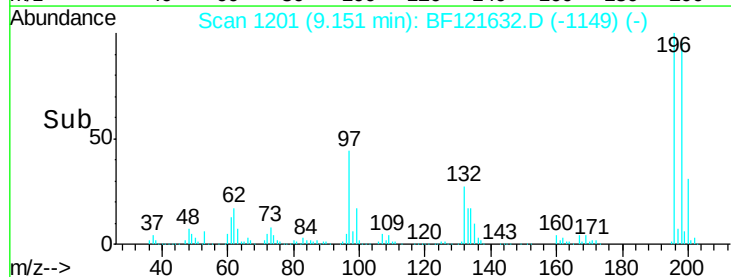
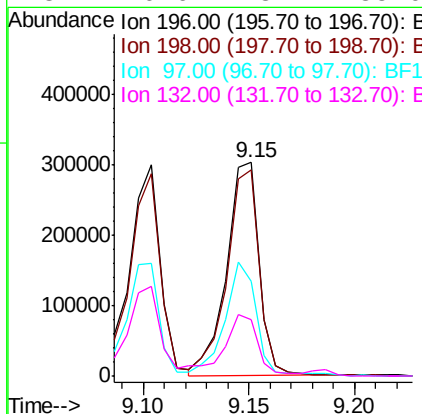
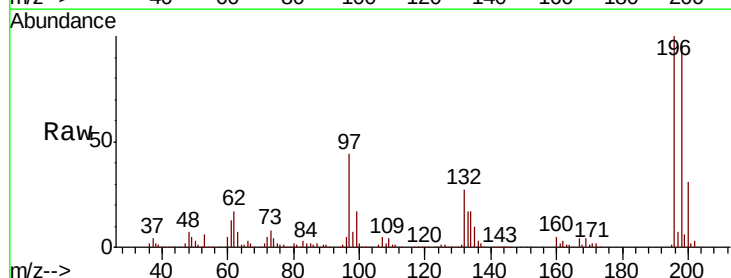
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MS

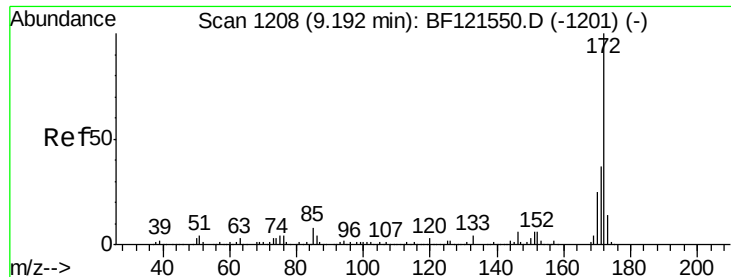
Tot Ion:196	Resp:	310751
Ion	Ratio	Lower Upper
196	100	
198	96.0	75.4 113.2
200	31.1	24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 42.621 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion:196	Resp:	322637
Ion	Ratio	Lower Upper
196	100	
198	96.4	74.3 111.5
97	44.3	44.2 66.2
132	26.6	23.4 35.0

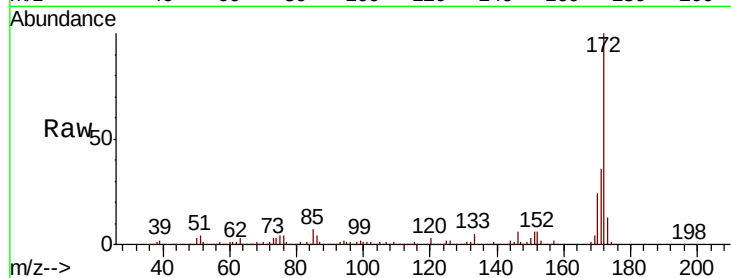




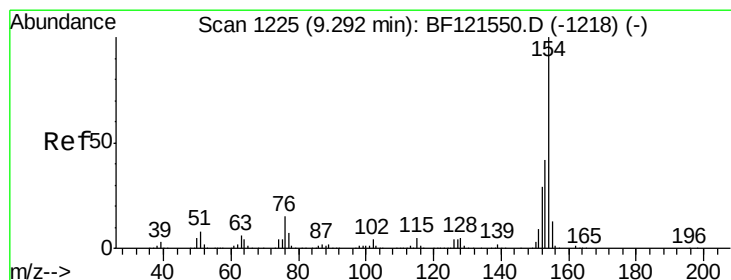
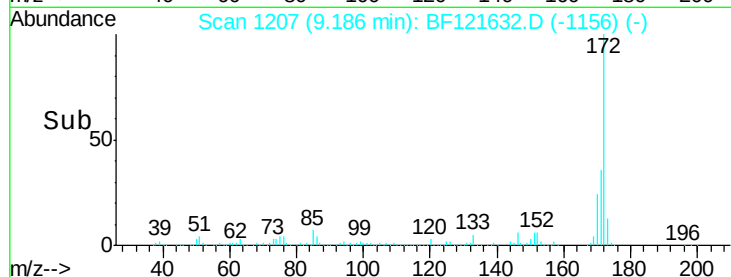
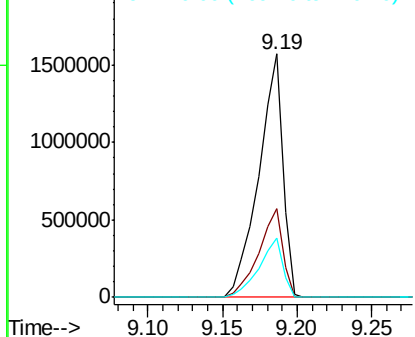
#45
2-Fluorobiphenyl
Concen: 78.469 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

Tot Ion:172 Resp: 1742491
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 24.5 19.5 29.3

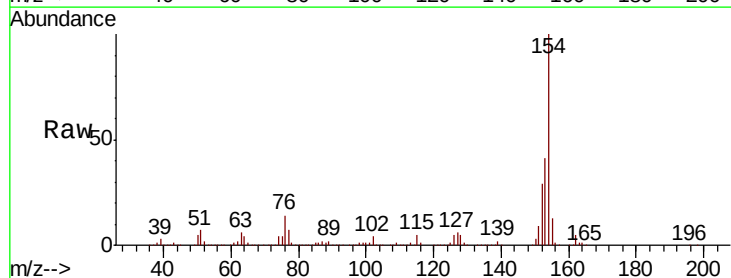


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

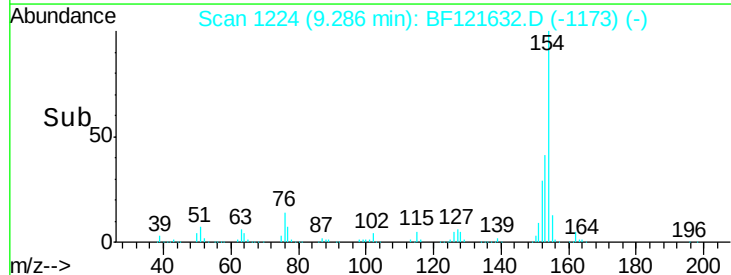
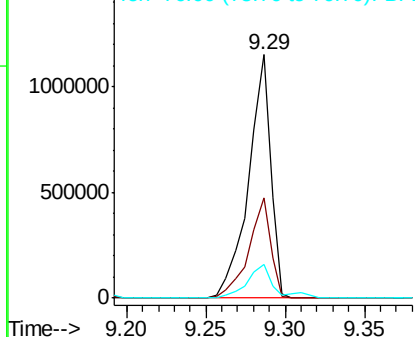


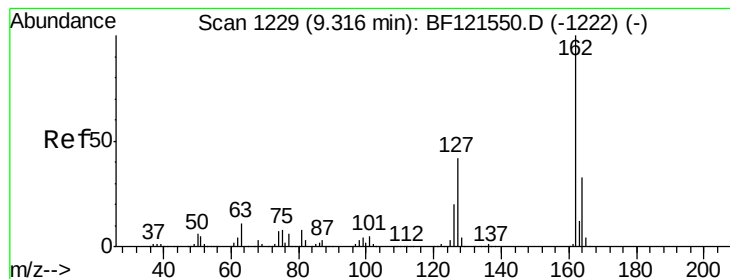
#46
1,1'-Biphenyl
Concen: 41.413 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:154 Resp: 1115033
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 13.9 0.0 34.1



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





#47

2-Chloronaphthalene

Concen: 41.175 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

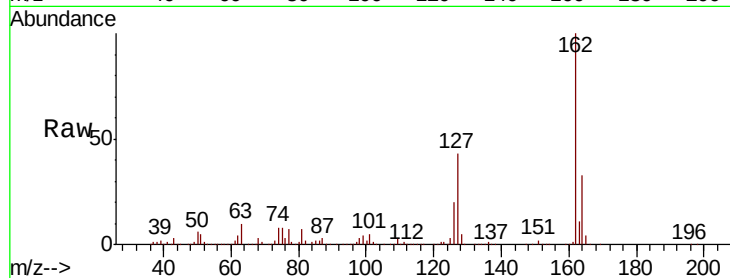
Tot Ion: 162 Resp: 873613

Ion Ratio Lower Upper

162 100

127 42.6 34.2 51.4

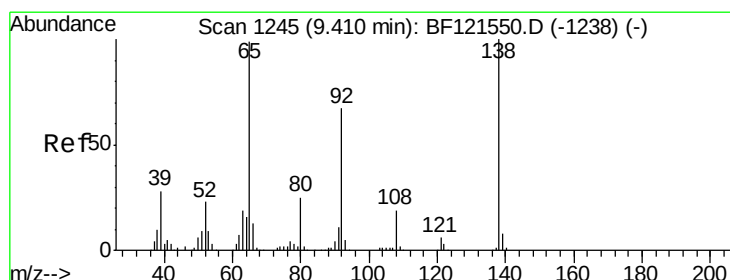
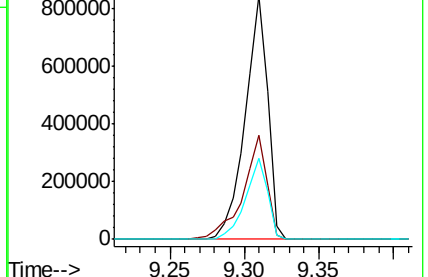
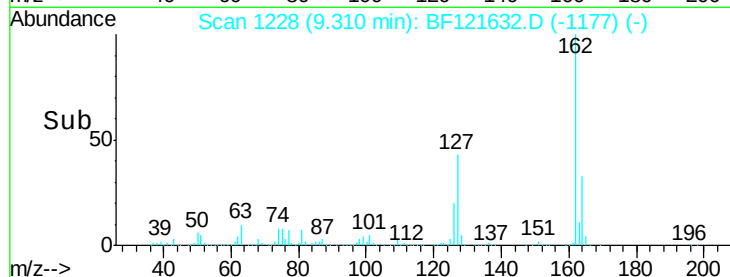
164 33.1 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 46.735 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

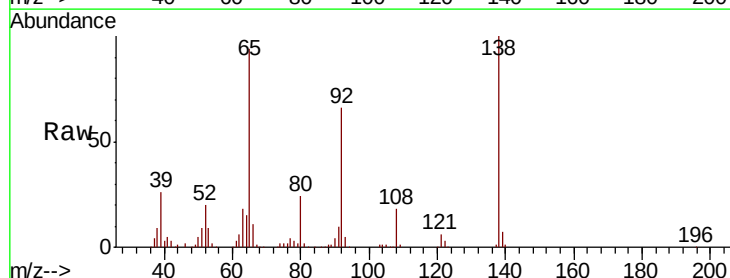
Tgt Ion: 65 Resp: 308132

Ion Ratio Lower Upper

65 100

92 69.6 56.0 84.0

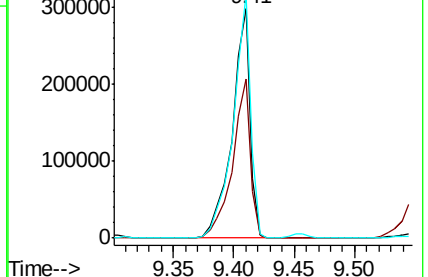
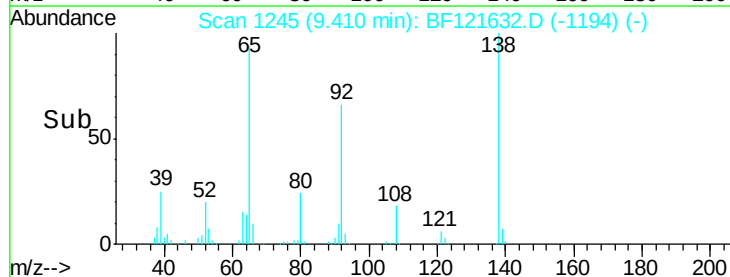
138 106.1 84.7 127.1

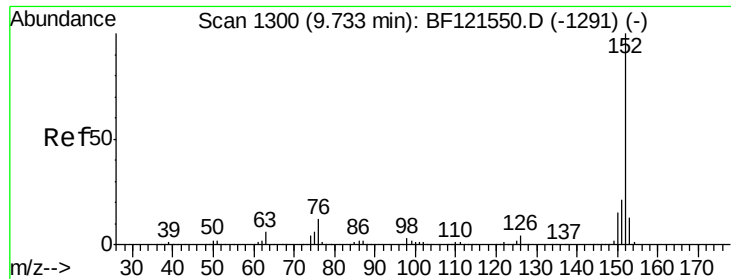


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.151 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

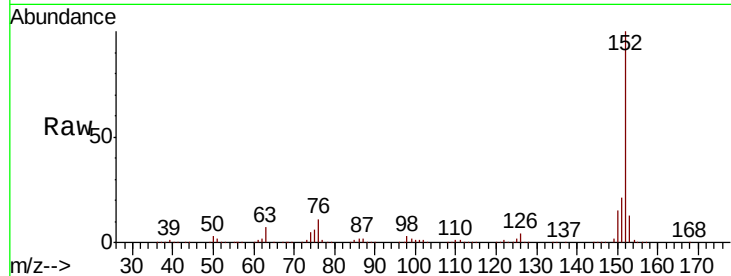
Tot Ion:152 Resp: 1374111

Ion Ratio Lower Upper

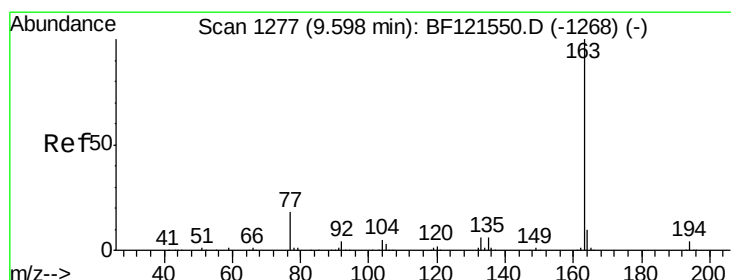
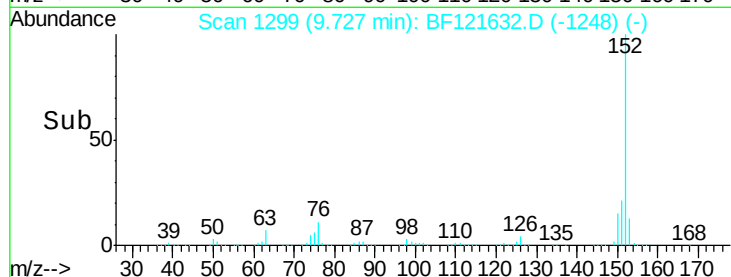
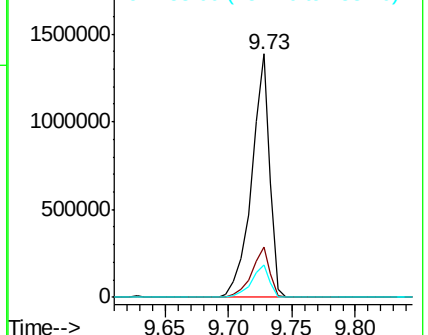
152 100

151 20.6 16.3 24.5

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.533 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

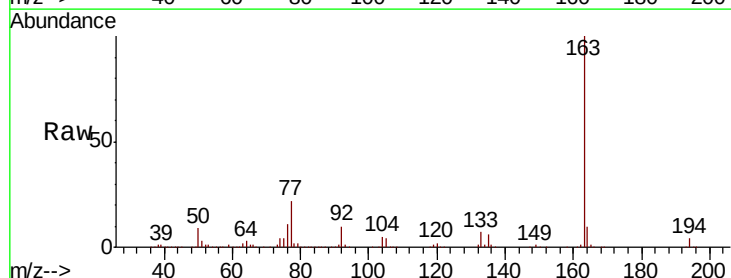
Tgt Ion:163 Resp: 1304906

Ion Ratio Lower Upper

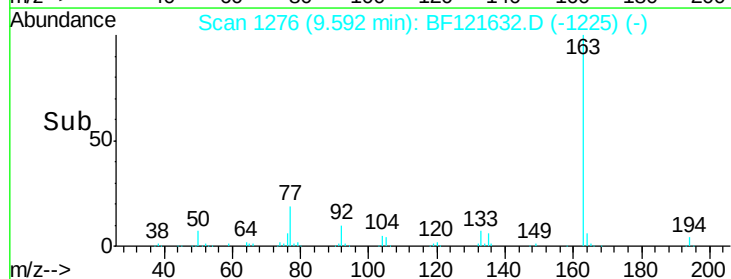
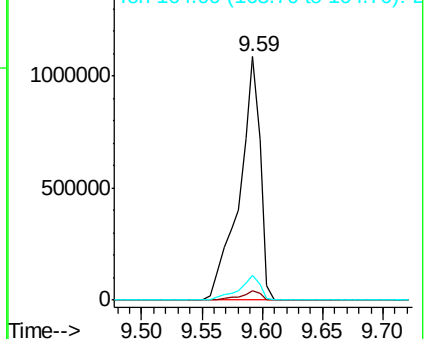
163 100

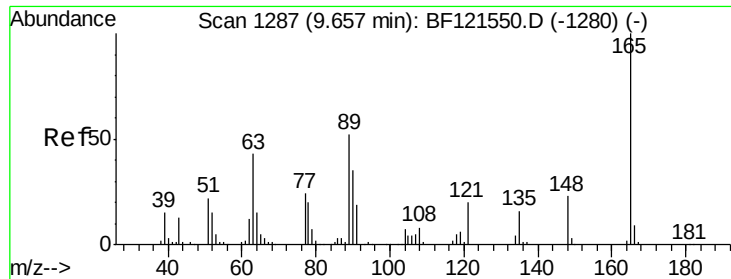
194 4.0 3.3 4.9

164 10.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

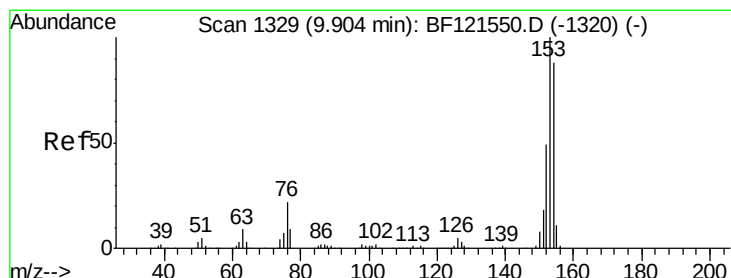
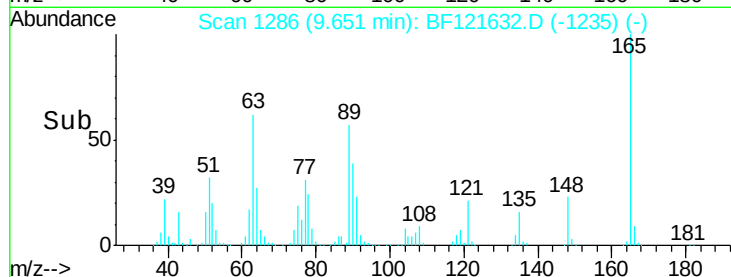
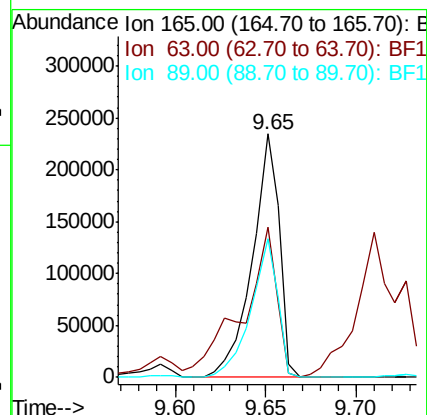
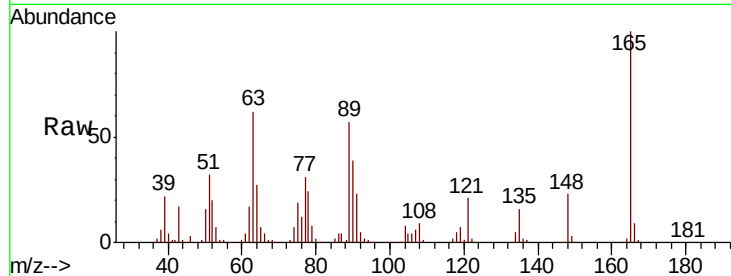




#51
 2,6-Dinitrotoluene
 Concen: 46.700 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

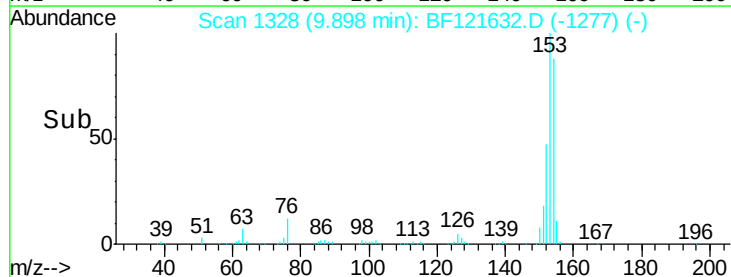
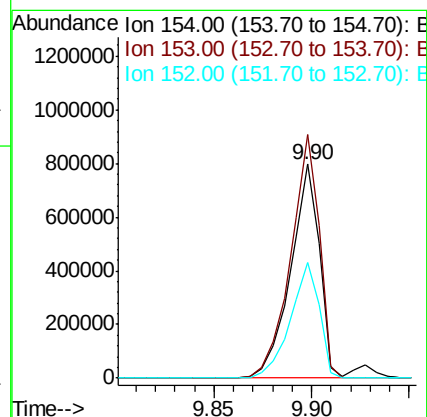
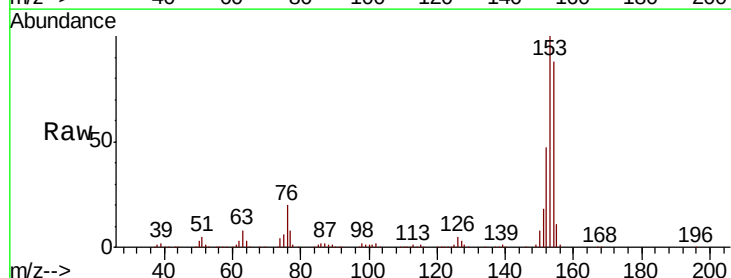
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MS

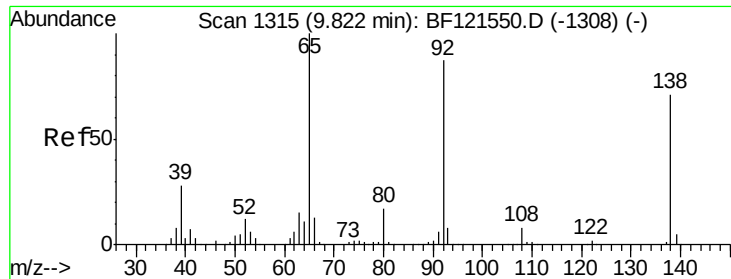
Tot Ion	Ratio	Lower	Upper
165	100		
63	61.8	47.6	71.4
89	56.9	46.0	69.0



#52
 Acenaphthene
 Concen: 39.534 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.9	134.9
152	53.8	43.8	65.6

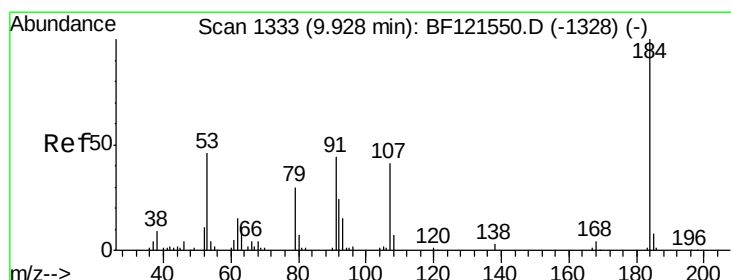
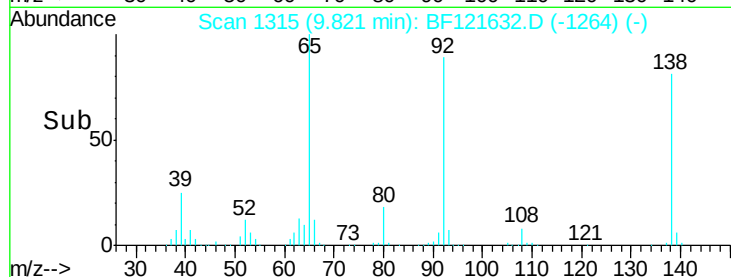
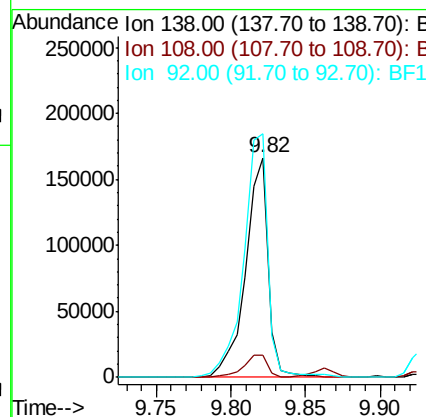
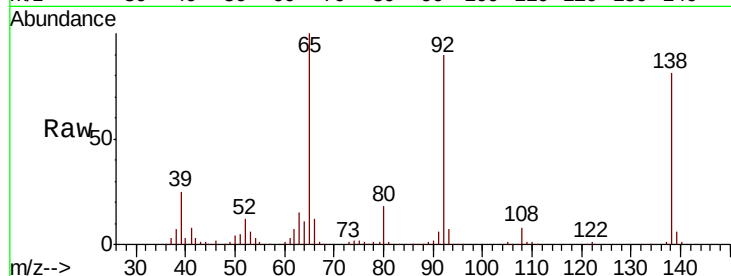




#53
3-Nitroaniline
Concen: 29.079 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

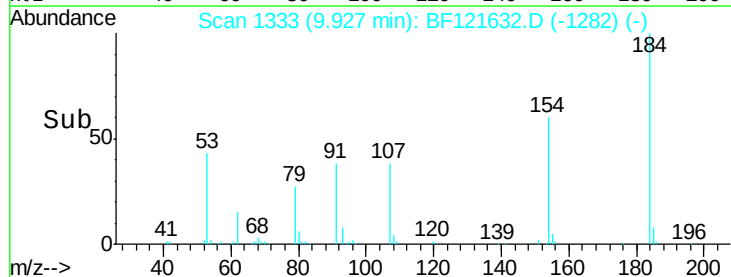
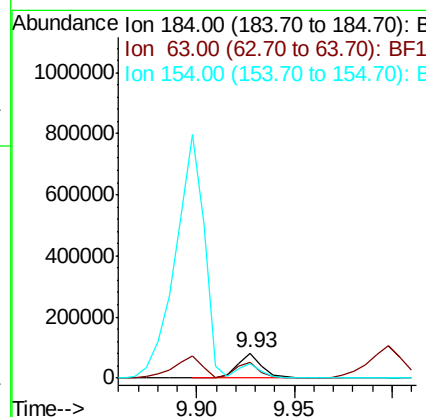
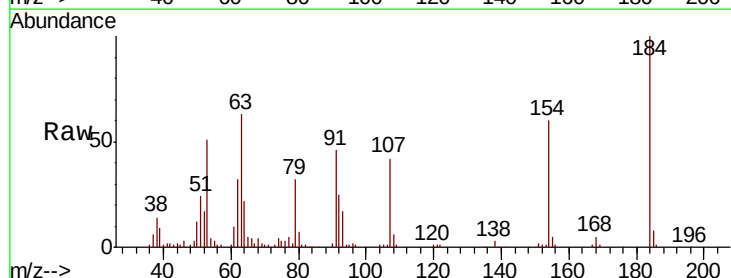
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

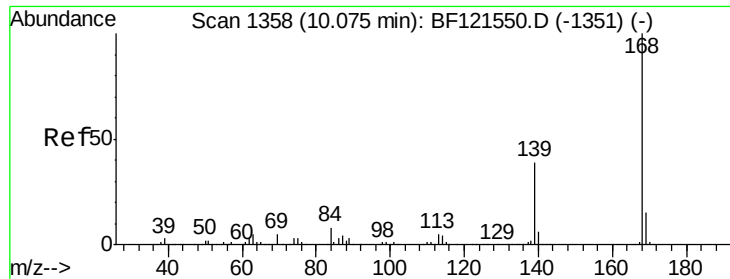
Tot Ion:138 Resp: 174873
Ion Ratio Lower Upper
138 100
108 10.3 9.1 13.7
92 111.0 96.5 144.7



#54
2,4-Dinitrophenol
Concen: 30.256 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:184 Resp: 71599
Ion Ratio Lower Upper
184 100
63 63.2 51.5 77.3
154 60.0 46.6 70.0

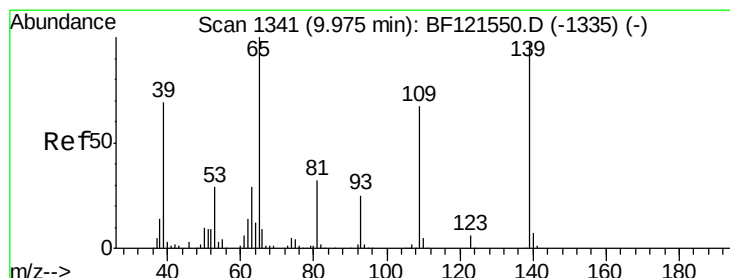
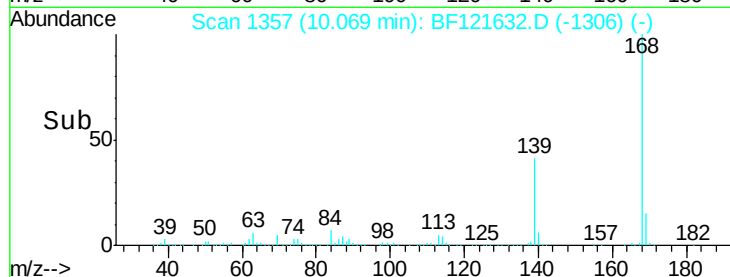
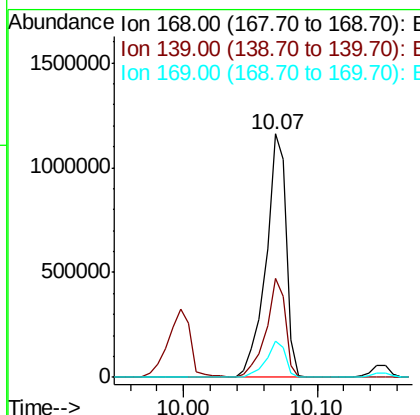
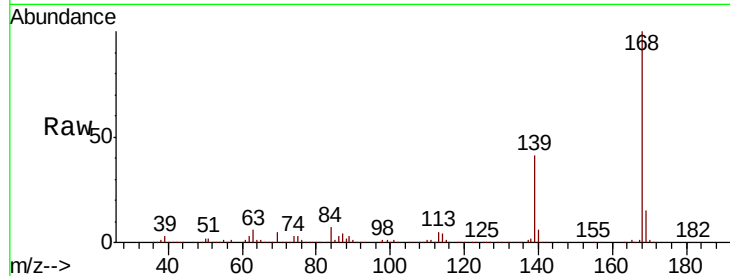




#55
Dibenzenofuran
Concen: 42.032 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

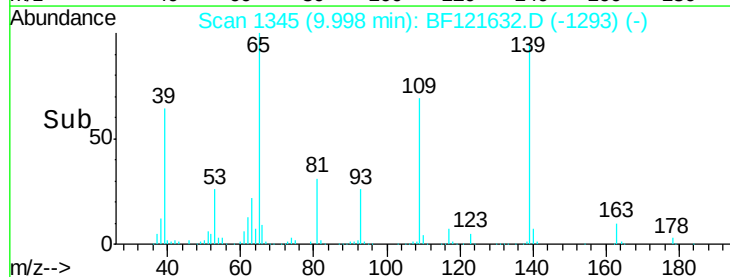
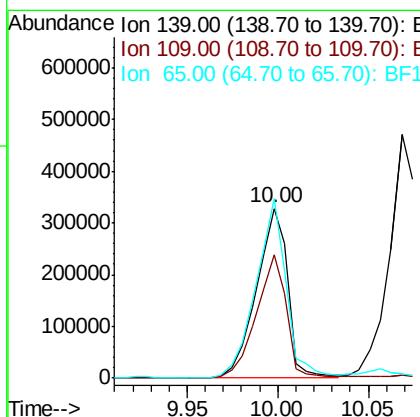
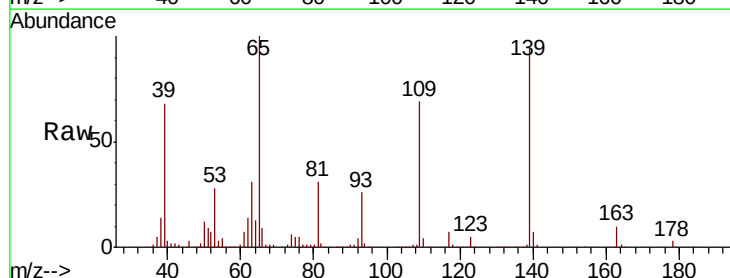
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

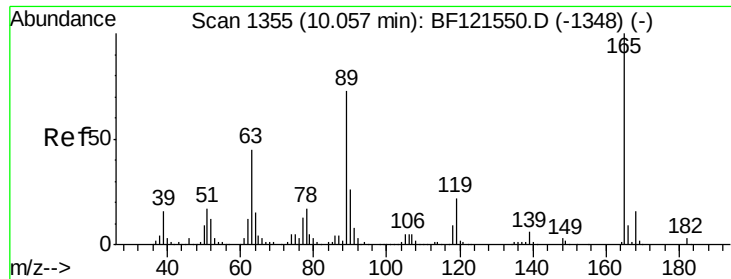
Tot Ion:168 Resp: 1218773
Ion Ratio Lower Upper
168 100
139 40.5 31.8 47.8
169 15.1 11.6 17.4



#56
4-Nitrophenol
Concen: 81.760 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:139 Resp: 392113
Ion Ratio Lower Upper
139 100
109 72.8 48.1 88.1
65 106.2 74.7 114.7

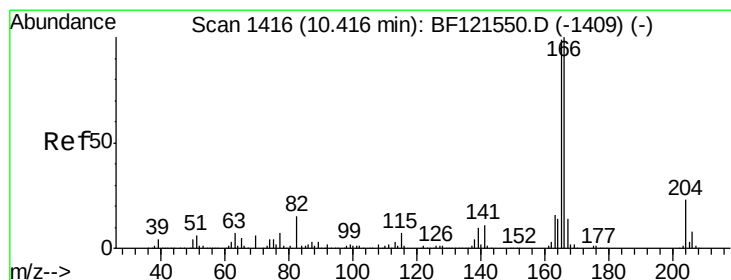
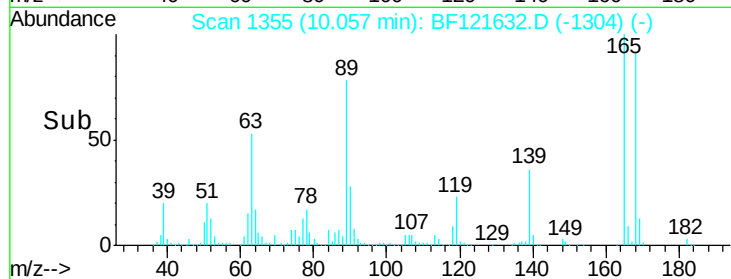
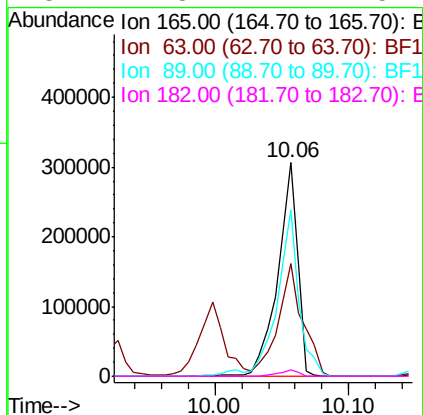
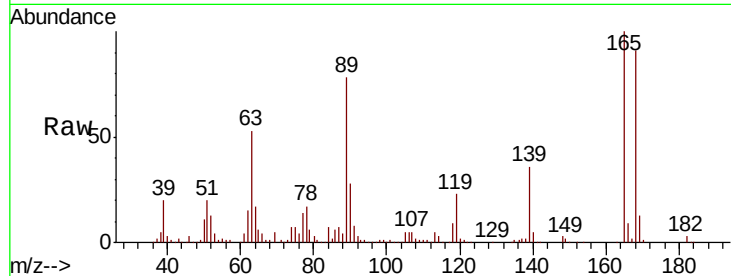




#57
2,4-Dinitrotoluene
Concen: 49.156 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

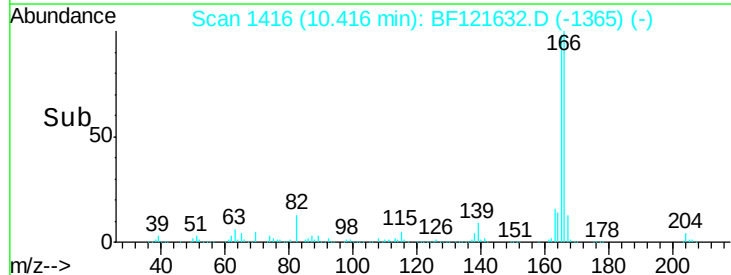
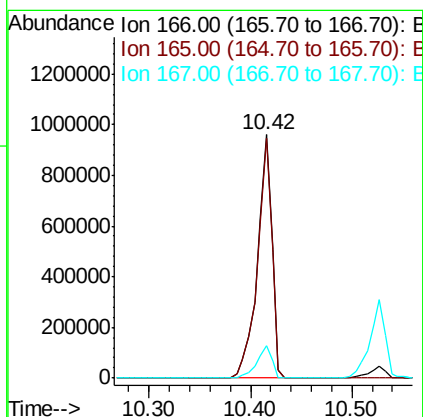
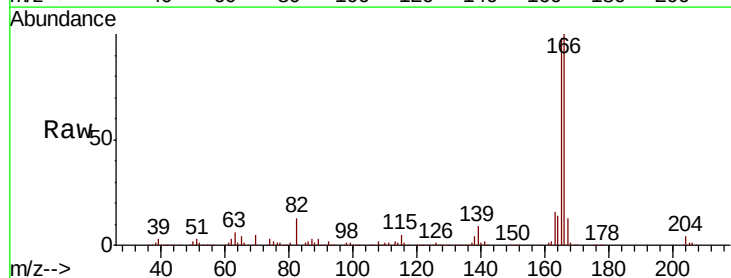
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

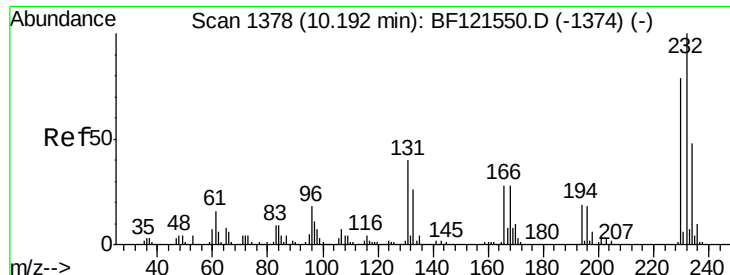
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.8	36.7	55.1
89	78.0	57.7	86.5
182	2.8	2.1	3.1



#58
Fluorene
Concen: 42.803 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.1	120.1
167	13.4	10.8	16.2

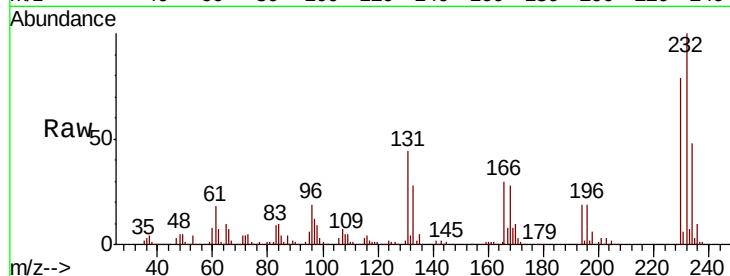




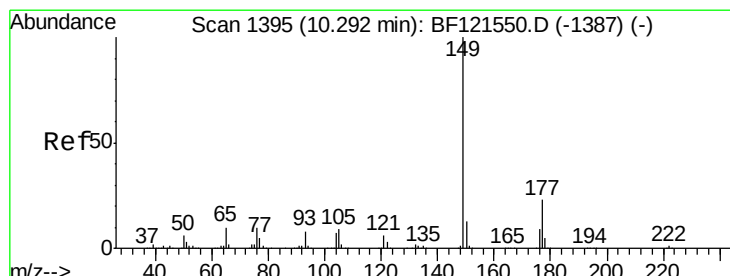
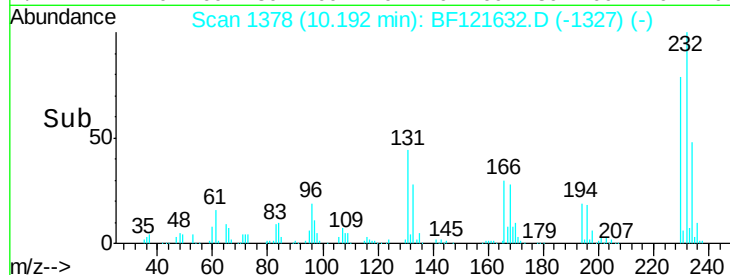
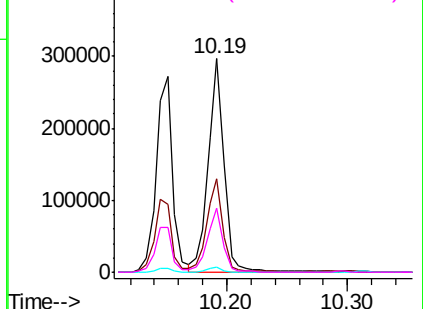
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.431 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MS

Tot Ion:	232	Resp:	267284
Ion	Ratio	Lower	Upper
232	100		
131	43.3	35.1	52.7
130	2.2	1.6	2.4
166	29.1	23.3	34.9

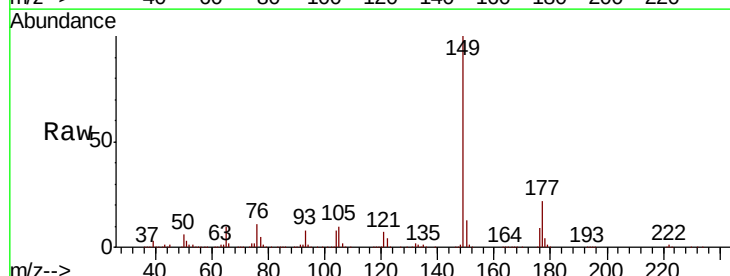


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

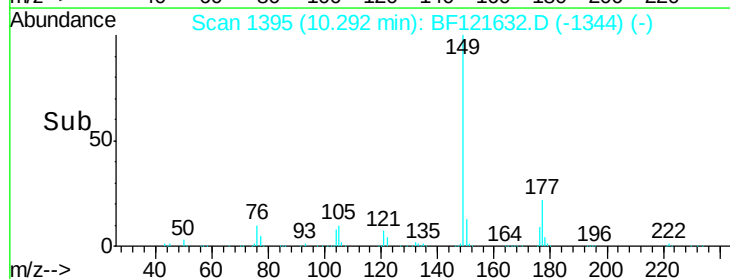
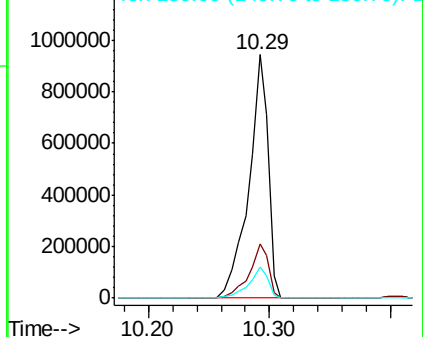


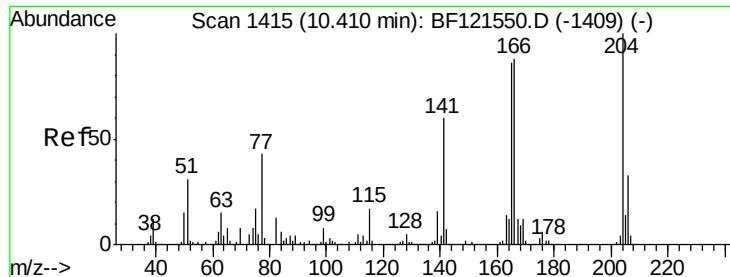
#60
 Diethylphthalate
 Concen: 44.321 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion:	149	Resp:	1053317
Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.1	27.1
150	12.8	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

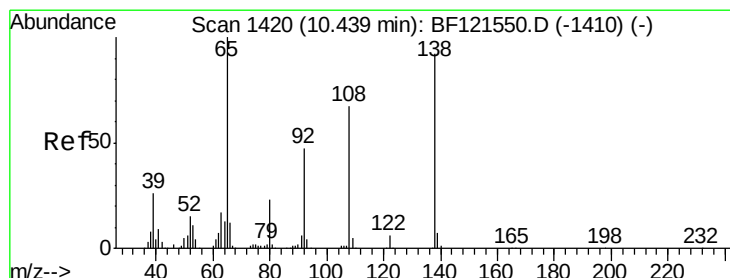
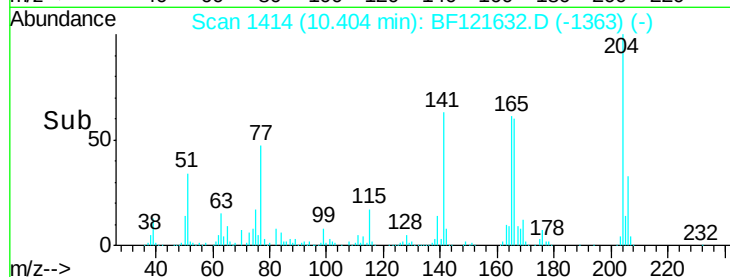
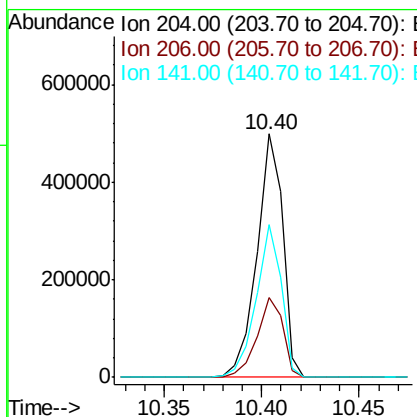
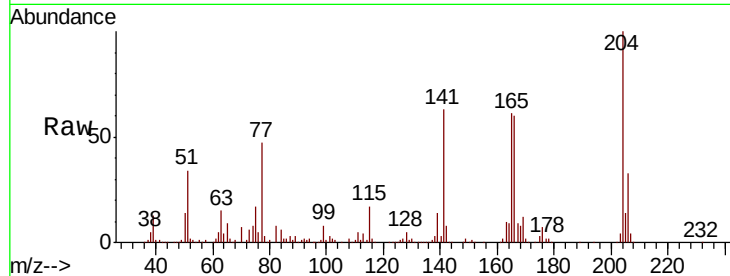




#61
 4-Chlorophenyl-phenylether
 Concen: 43.153 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

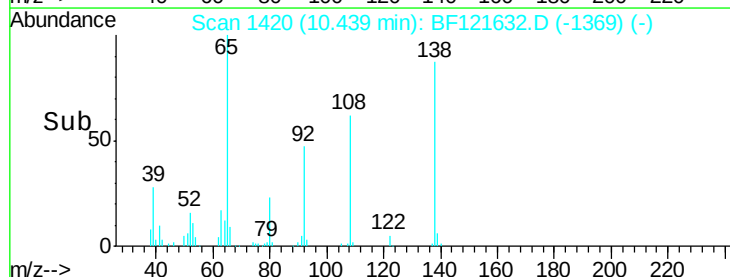
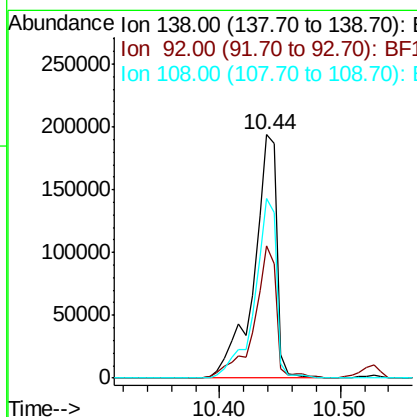
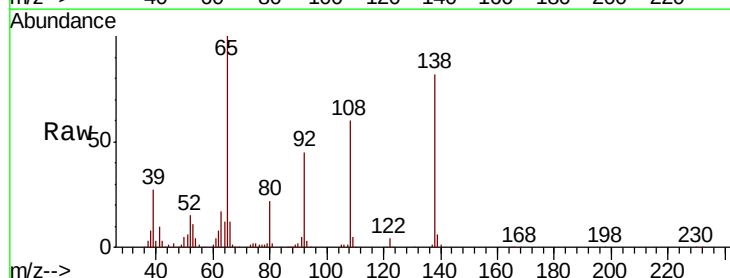
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MS

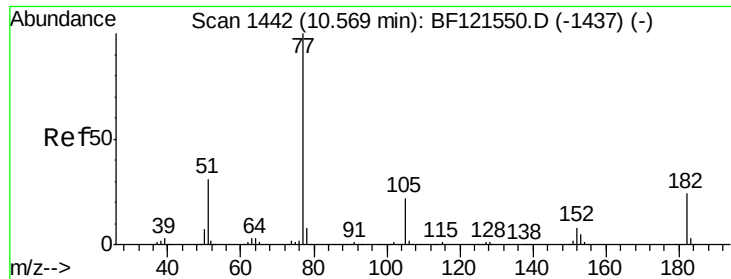
Tot Ion:	204	Resp:	458379
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	63.0	50.4	75.6



#62
 4-Nitroaniline
 Concen: 43.422 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion:	138	Resp:	259273
Ion	Ratio	Lower	Upper
138	100		
92	54.4	34.8	74.8
108	73.8	55.5	95.5

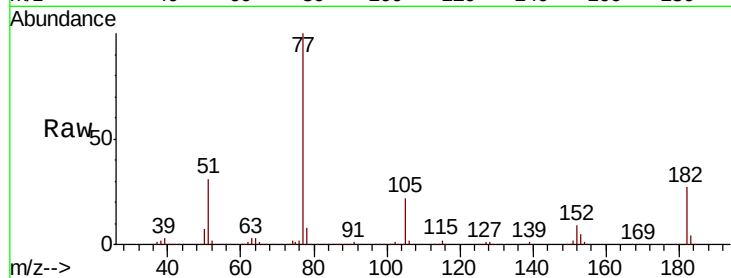




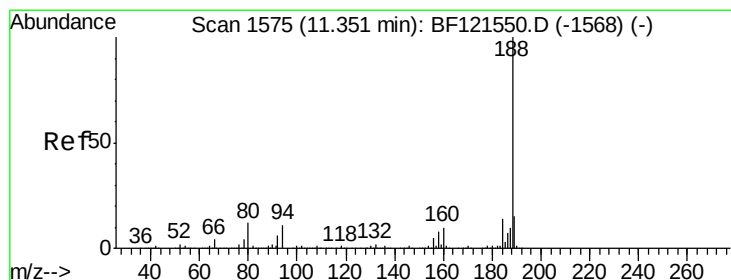
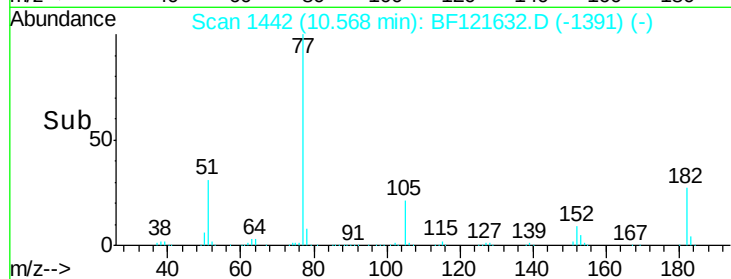
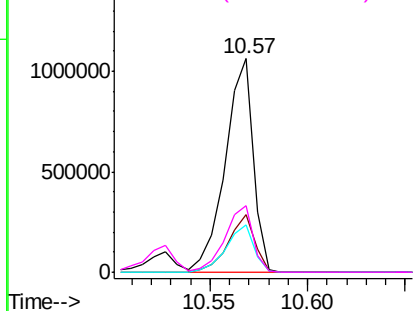
#63
Azobenzene
Concen: 41.688 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

Tot Ion: 77 Resp: 1055057
Ion Ratio Lower Upper
77 100
182 27.3 6.8 46.8
105 22.2 2.2 42.2
51 30.9 10.7 50.7

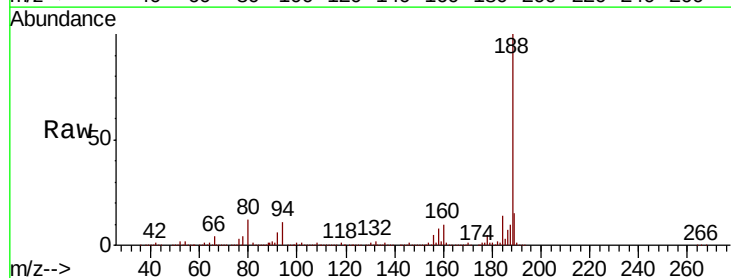


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

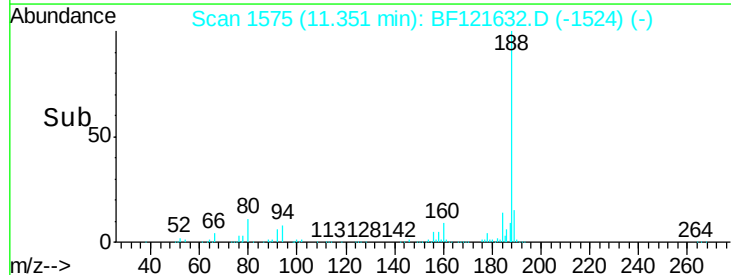
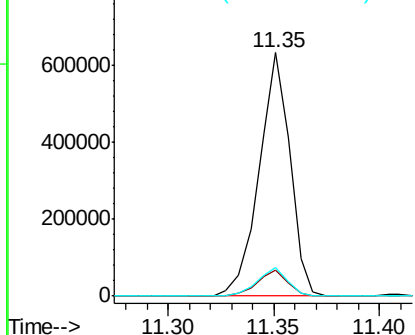


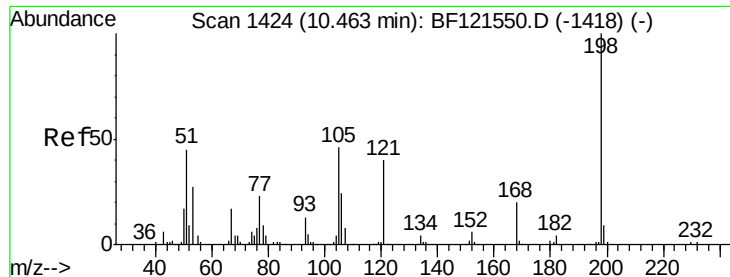
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion: 188 Resp: 643793
Ion Ratio Lower Upper
188 100
94 10.6 8.4 12.6
80 11.5 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

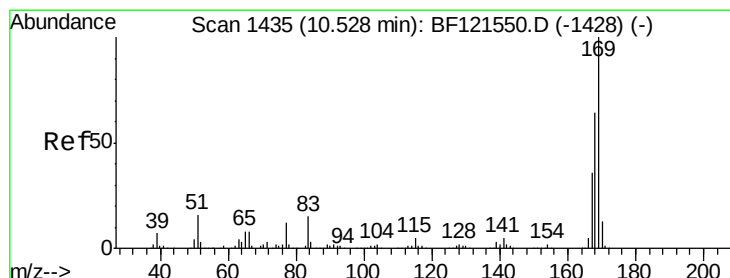
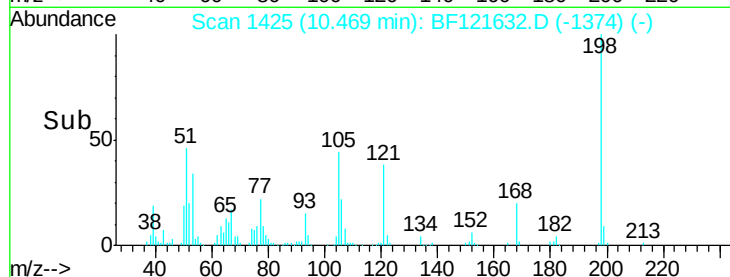
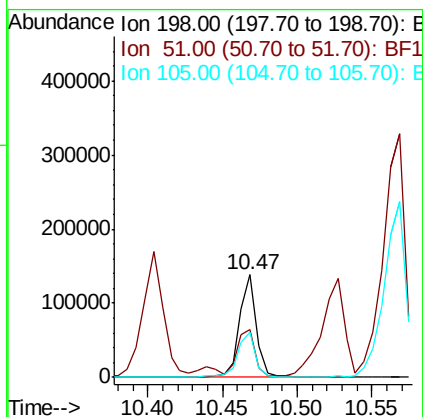
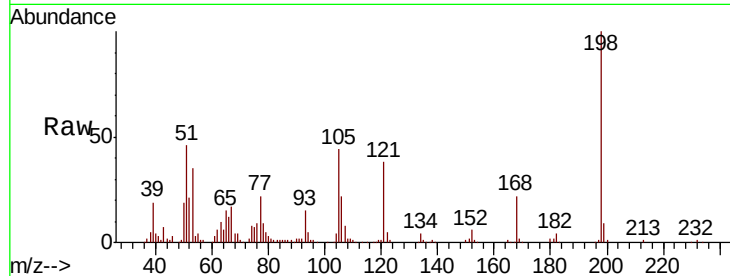




#65
4,6-Dinitro-2-methylphenol
Concen: 30.934 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

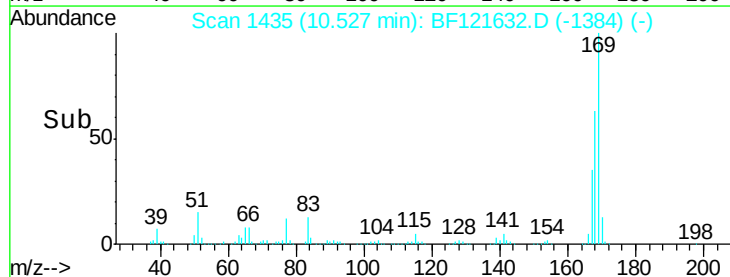
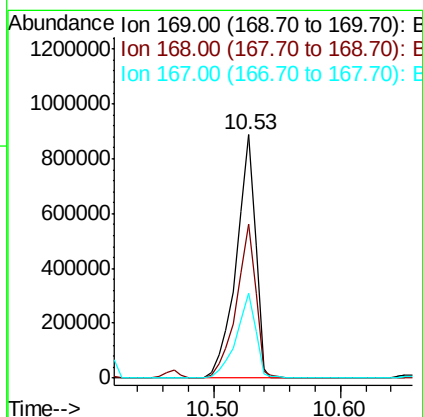
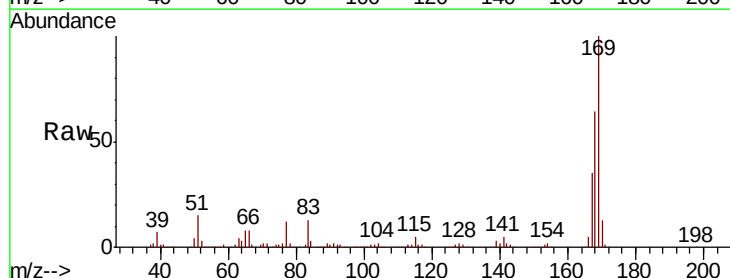
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

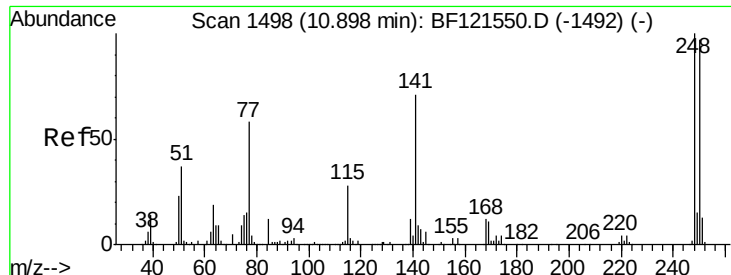
Tot Ion:198 Resp: 110980
Ion Ratio Lower Upper
198 100
51 46.2 20.3 60.3
105 44.3 20.2 60.2



#66
n-Nitrosodiphenylamine
Concen: 41.733 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:169 Resp: 921770
Ion Ratio Lower Upper
169 100
168 63.5 51.8 77.8
167 34.9 28.4 42.6

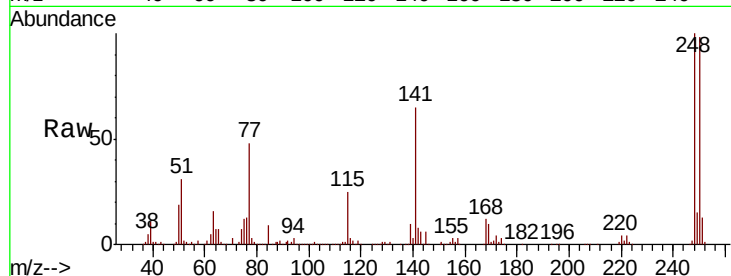




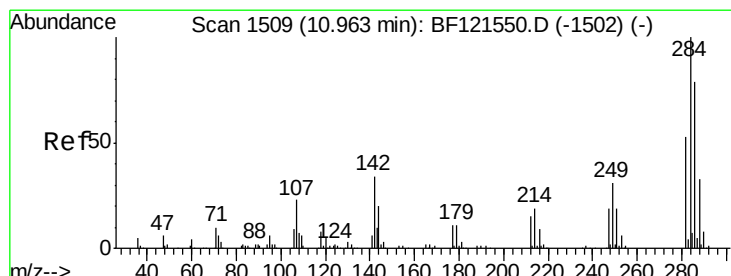
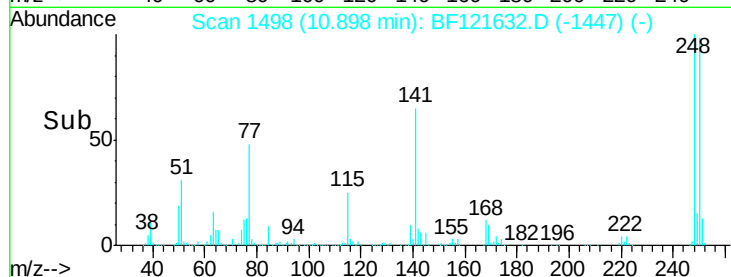
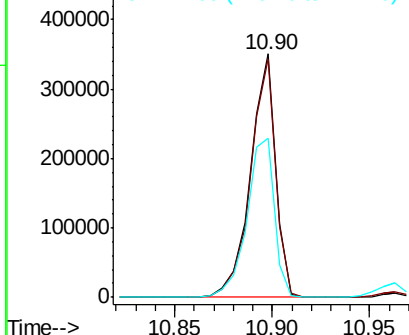
#67
4-Bromophenyl-phenylether
Concen: 42.760 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

Tot Ion:248 Resp: 313426
Ion Ratio Lower Upper
248 100
250 98.1 79.4 119.0
141 65.3 52.2 78.4

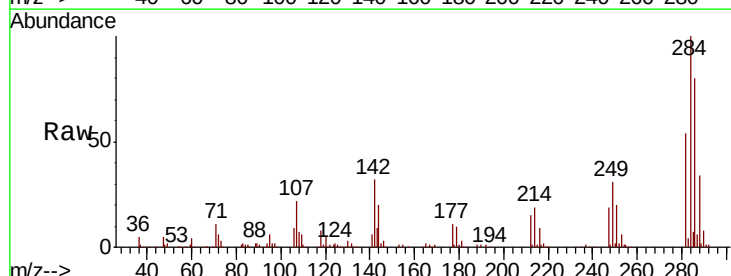


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

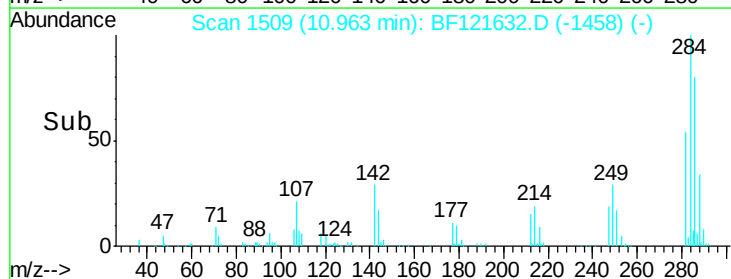
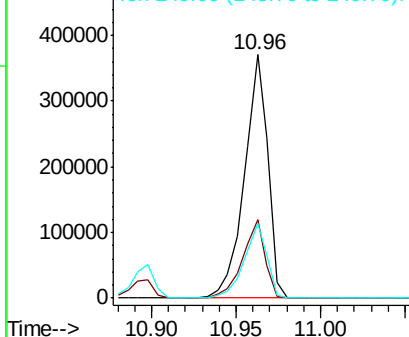


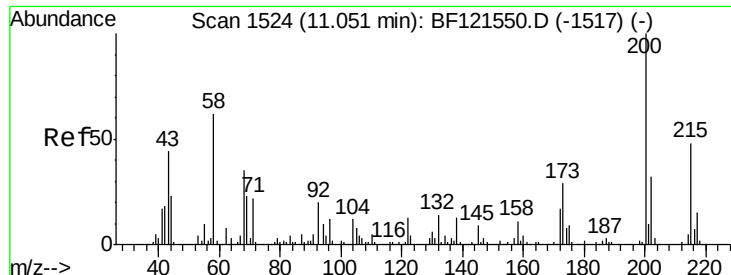
#68
Hexachlorobenzene
Concen: 43.280 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:284 Resp: 358014
Ion Ratio Lower Upper
284 100
142 32.0 24.0 36.0
249 30.7 23.9 35.9



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

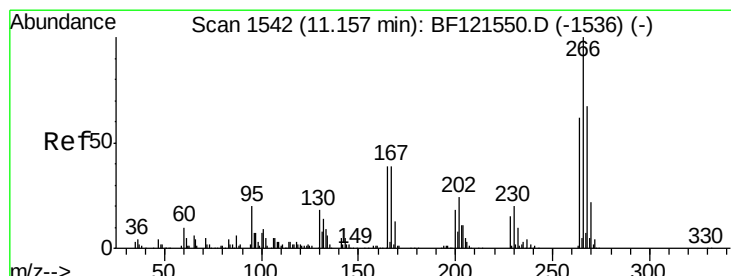
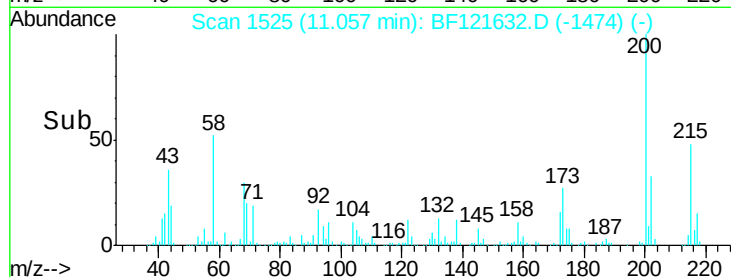
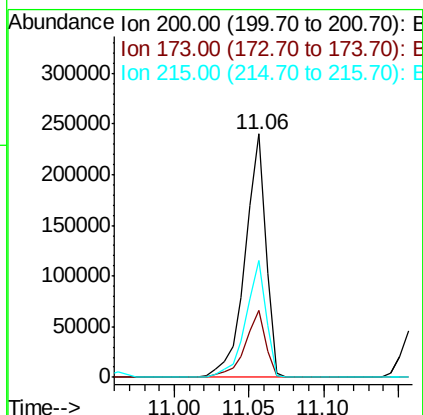
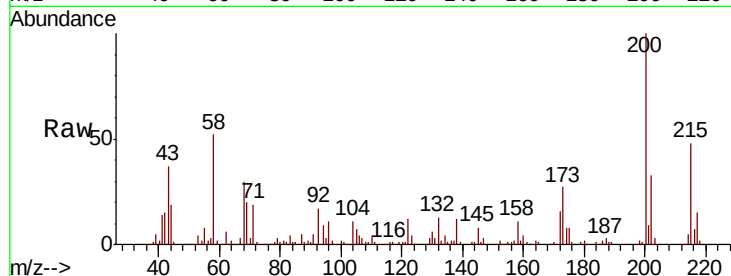




#69
Atrazine
Concen: 41.976 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

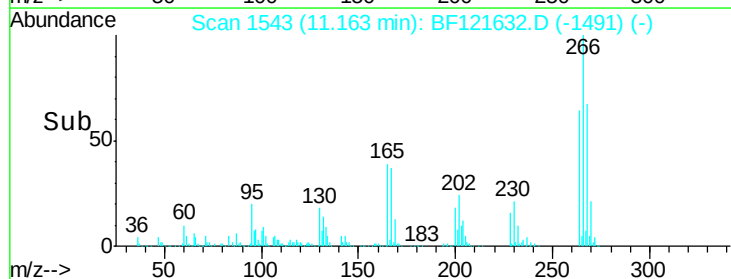
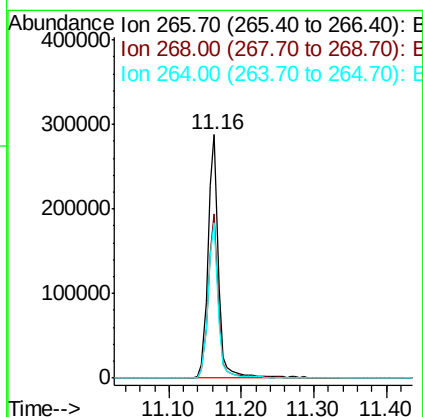
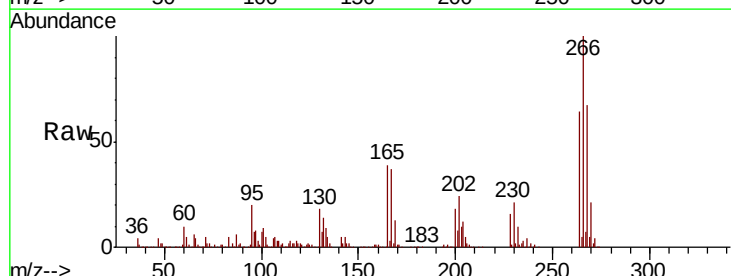
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

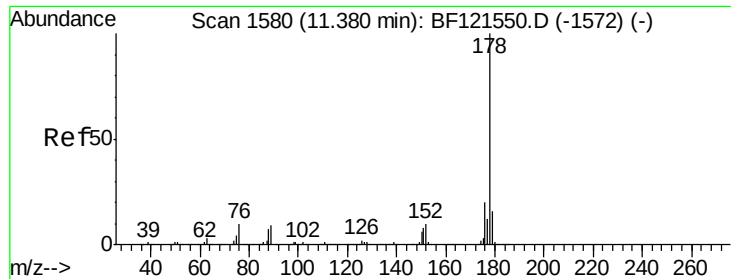
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.0	46.0
215	48.1	28.4	68.4



#70
Pentachlorophenol
Concen: 63.917 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.4	54.6	81.8
264	63.7	51.1	76.7

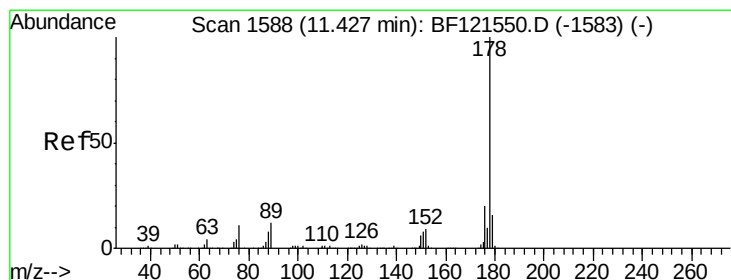
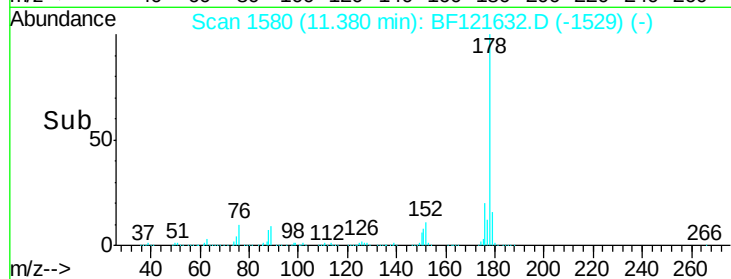
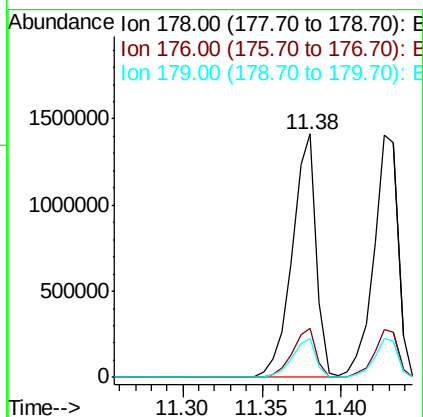
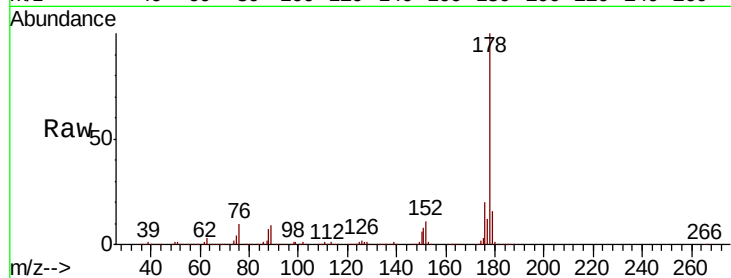




#71
Phenanthrene
Concen: 42.016 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

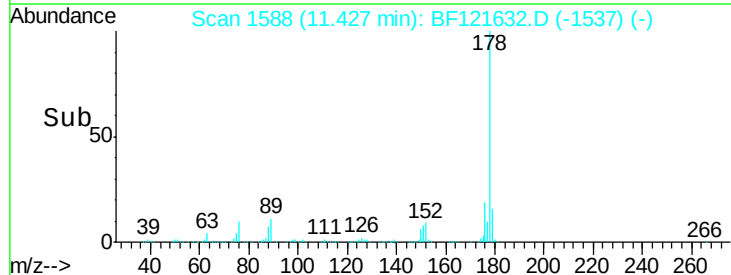
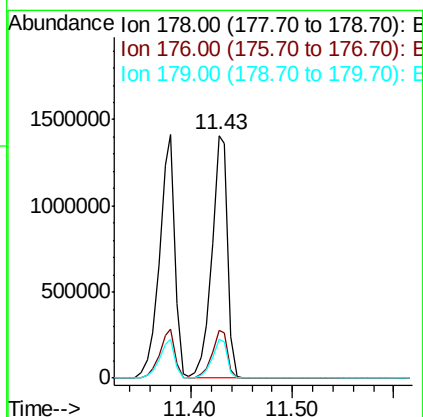
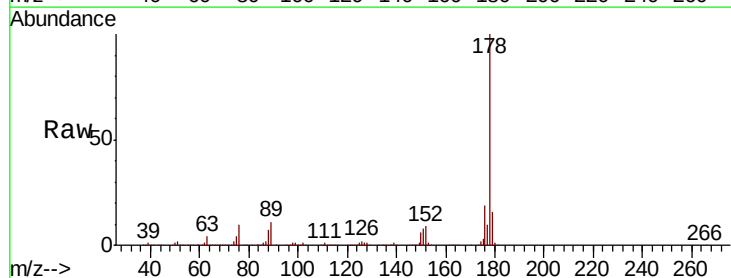
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

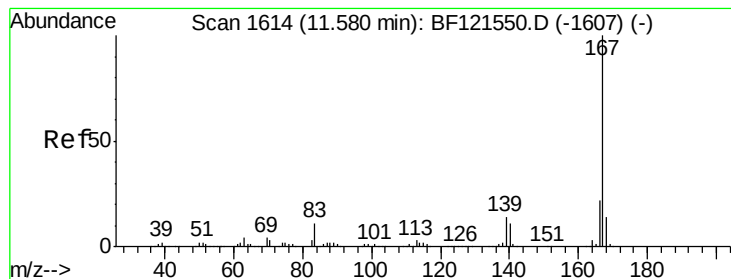
Tot Ion:178 Resp: 1473780
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 15.9 12.6 18.8



#72
Anthracene
Concen: 41.785 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:178 Resp: 1512509
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.0 12.6 19.0





#73

Carbazole

Concen: 41.985 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

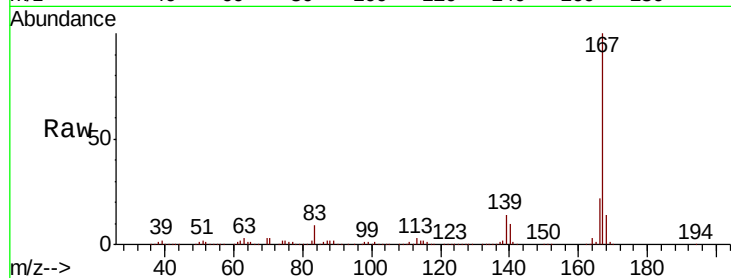
Tot Ion:167 Resp: 1371433

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

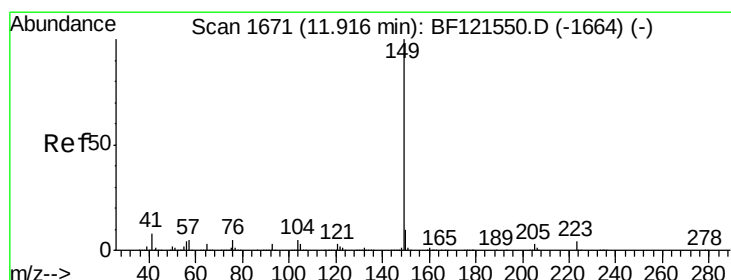
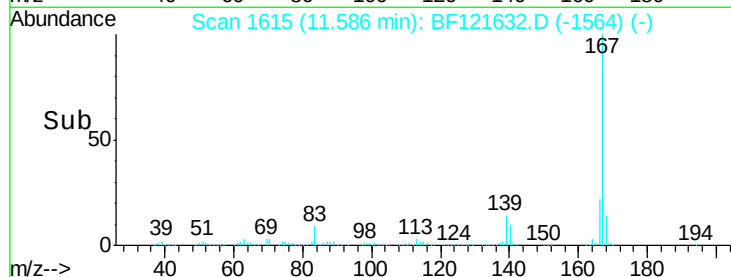
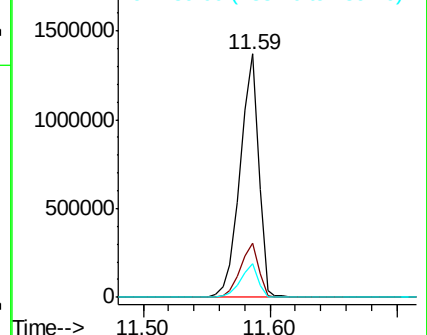
139 14.0 10.9 16.3



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: 41.749 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

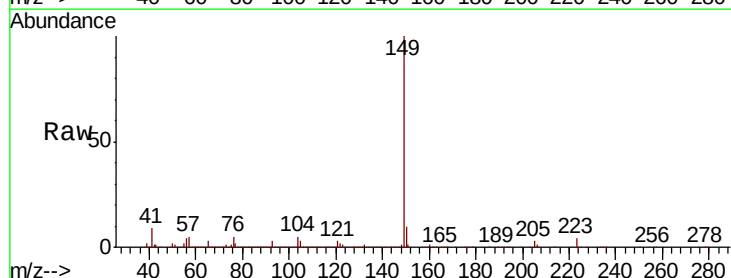
Tgt Ion:149 Resp: 1573976

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

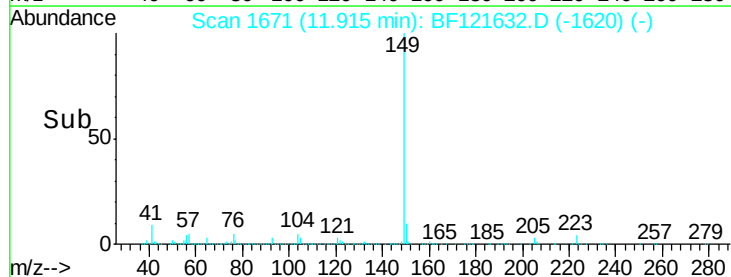
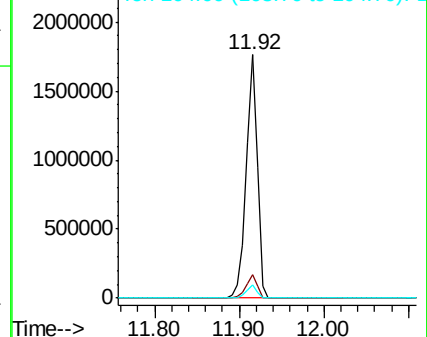
104 5.4 4.2 6.2

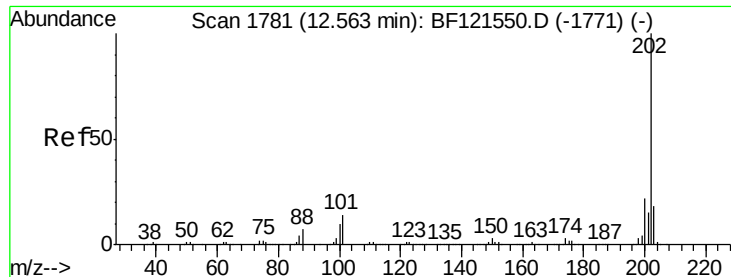


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.659 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

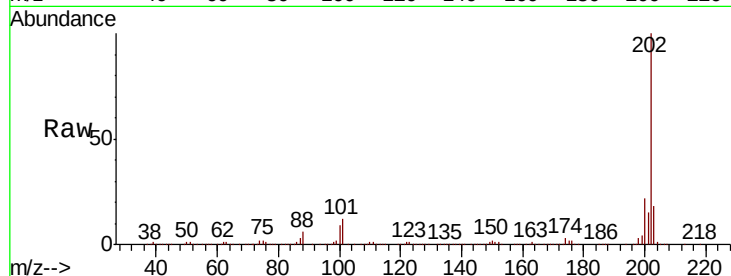
Tot Ion:202 Resp: 1597337

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.9

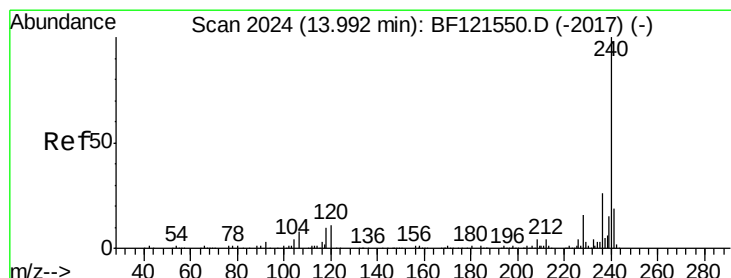
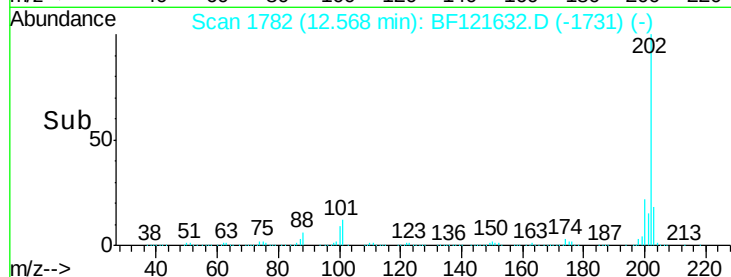
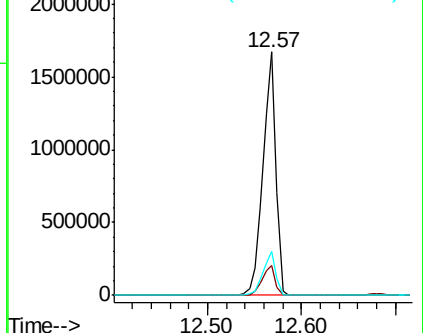
203 18.1 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

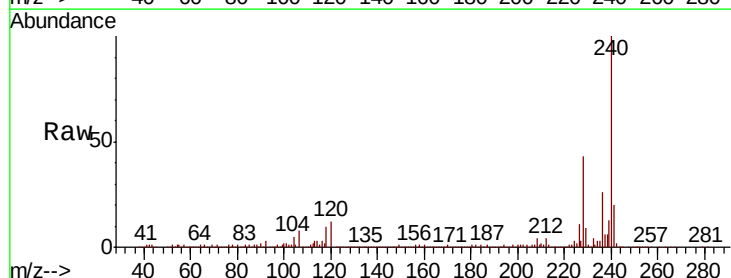
Tgt Ion:240 Resp: 494996

Ion Ratio Lower Upper

240 100

120 11.6 9.2 13.8

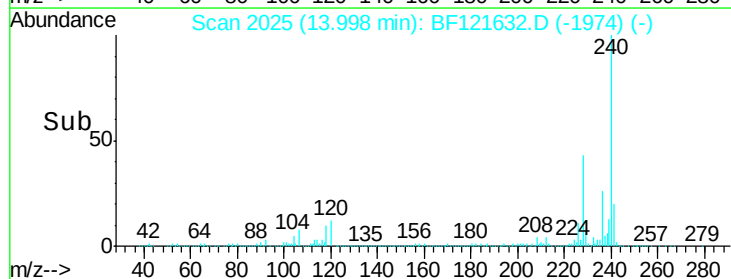
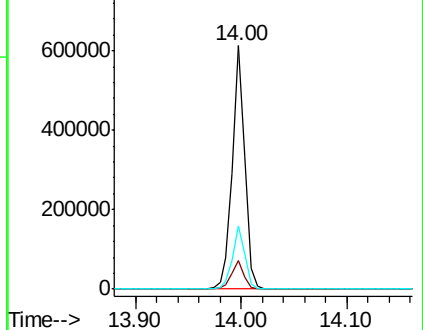
236 25.8 20.4 30.6

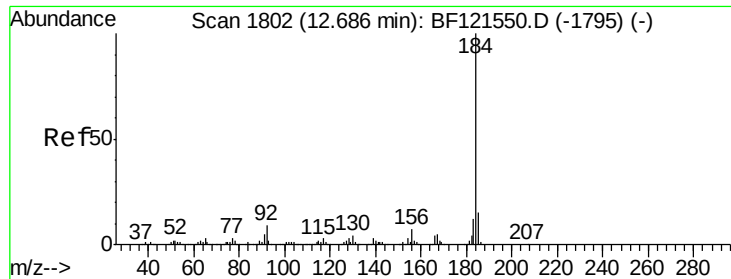


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.506 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

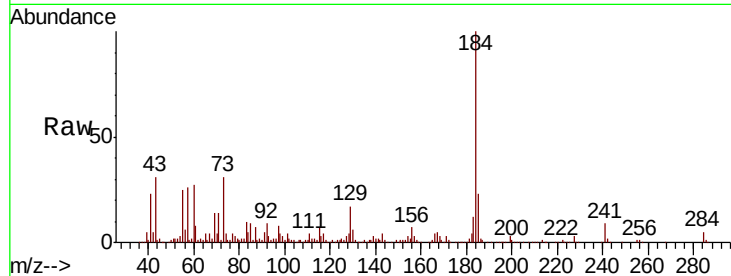
Tot Ion:184 Resp: 385738

Ion Ratio Lower Upper

184 100

185 22.9 11.5 17.3#

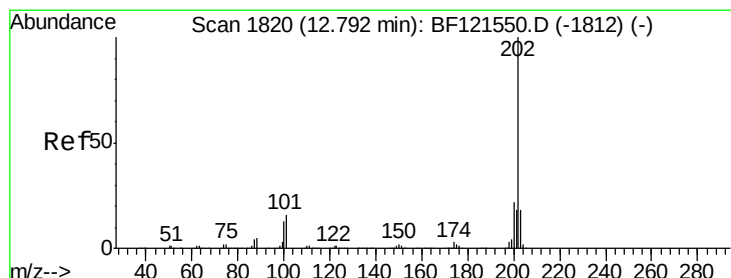
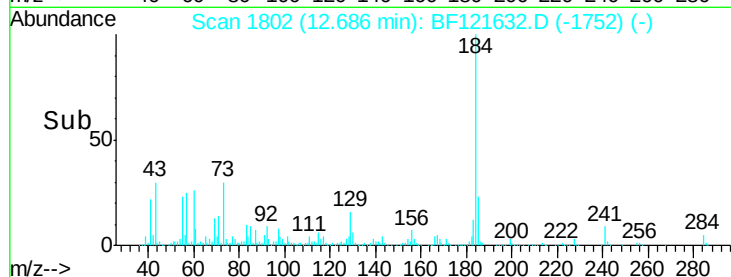
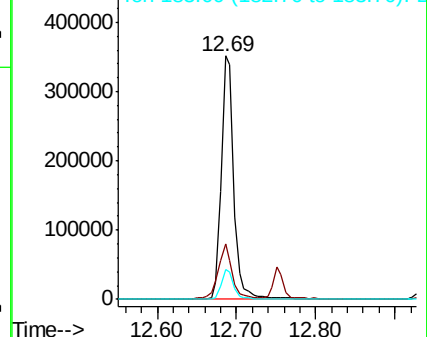
183 12.1 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.558 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

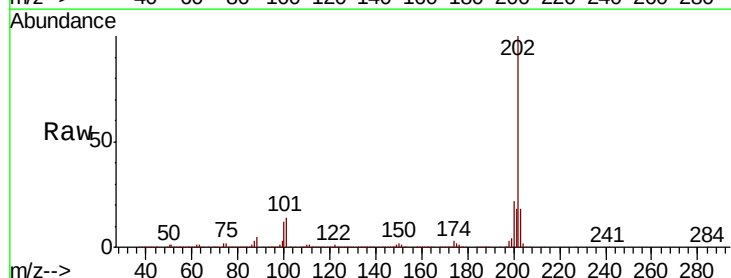
Tgt Ion:202 Resp: 1611495

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

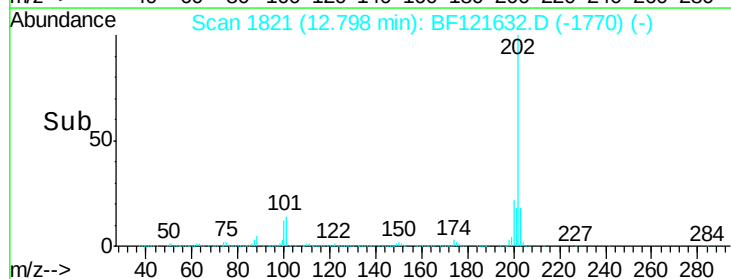
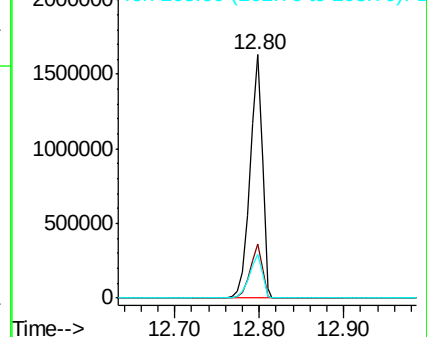
203 18.2 14.4 21.6

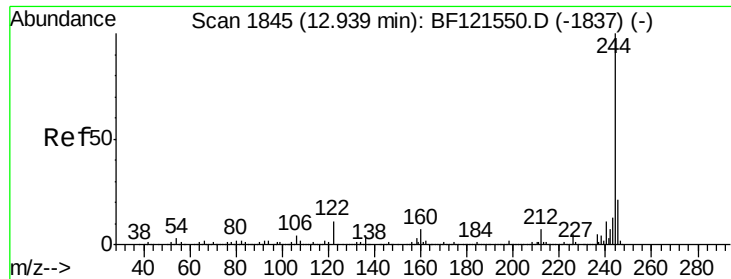


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.816 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

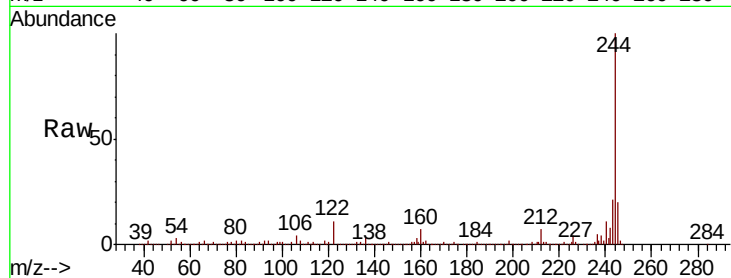
Tot Ion:244 Resp: 1876878

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

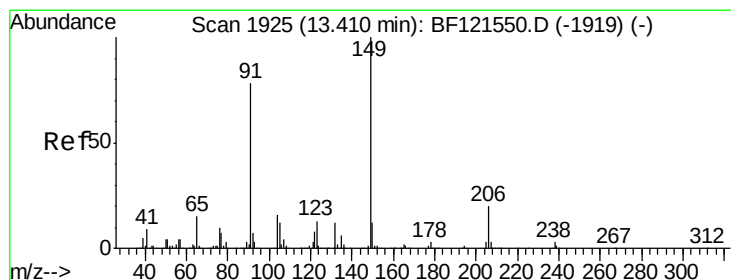
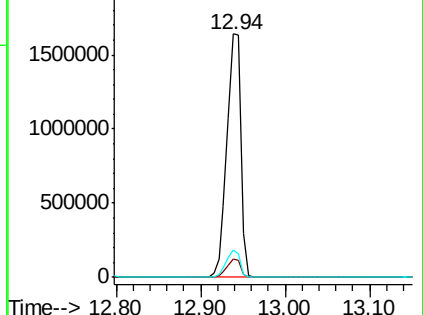
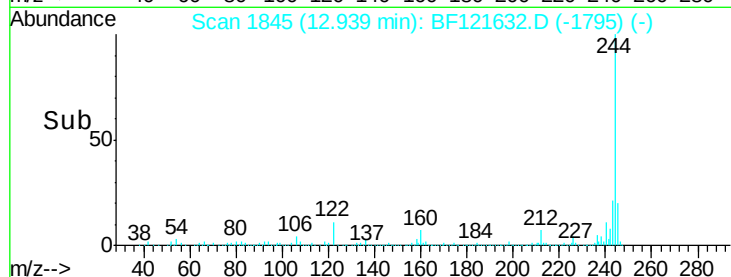
122 11.1 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.714 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

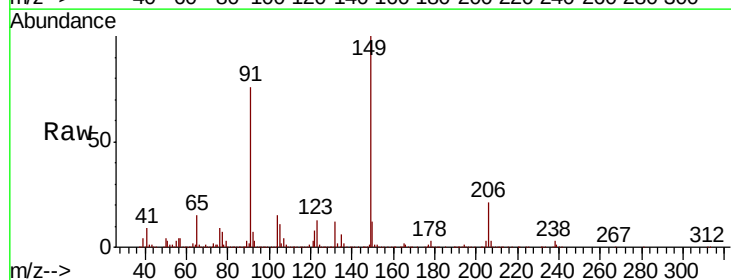
Tgt Ion:149 Resp: 683268

Ion Ratio Lower Upper

149 100

91 76.5 61.0 91.4

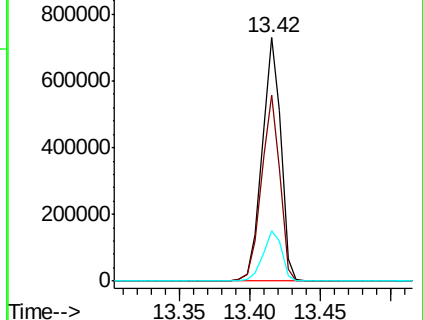
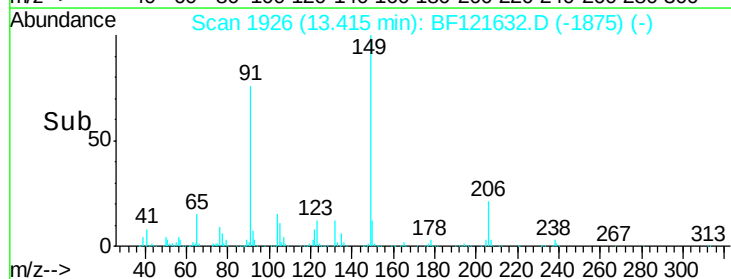
206 20.9 16.6 25.0

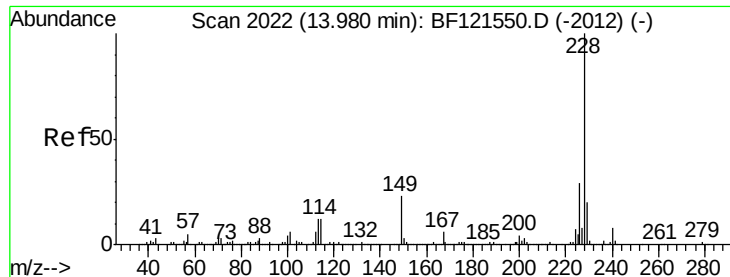


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.655 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

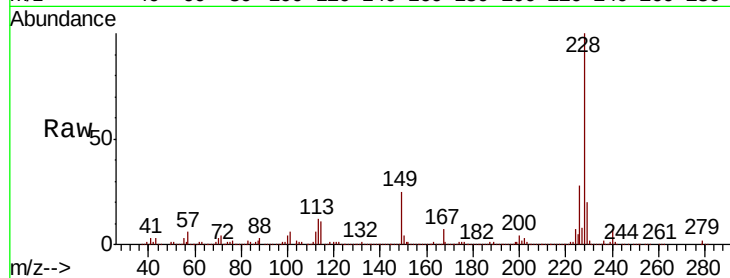
Tot Ion:228 Resp: 1335775

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

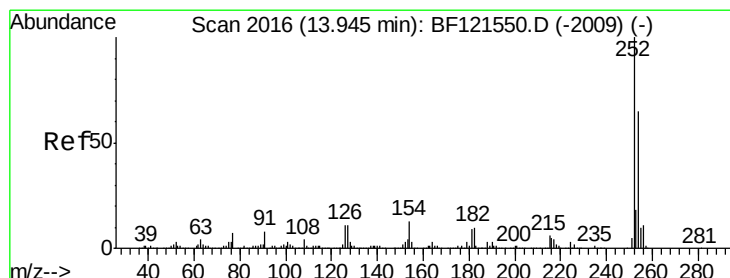
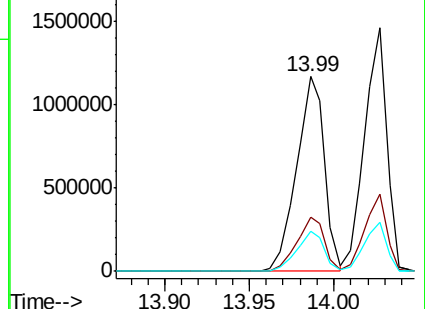
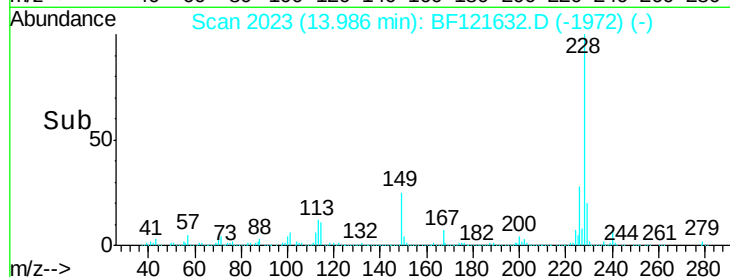
229 20.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 16.263 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

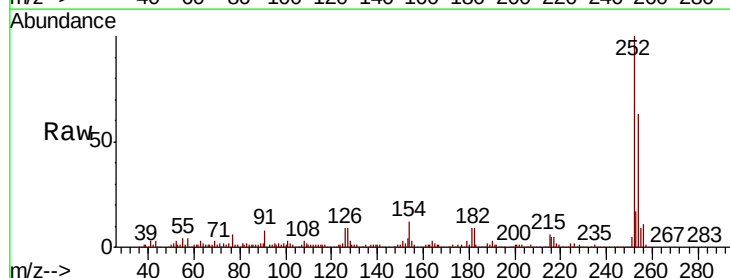
Tgt Ion:252 Resp: 198823

Ion Ratio Lower Upper

252 100

254 63.3 51.0 76.4

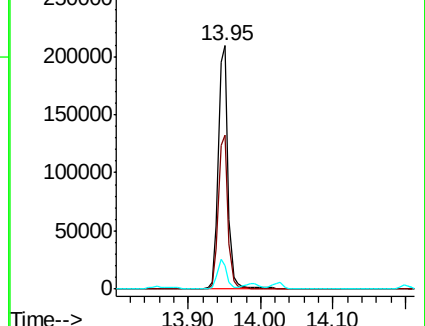
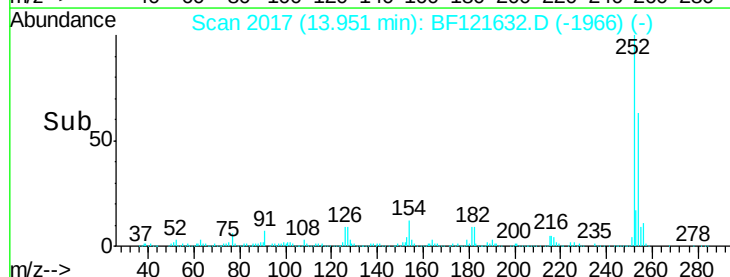
126 9.4 8.6 13.0

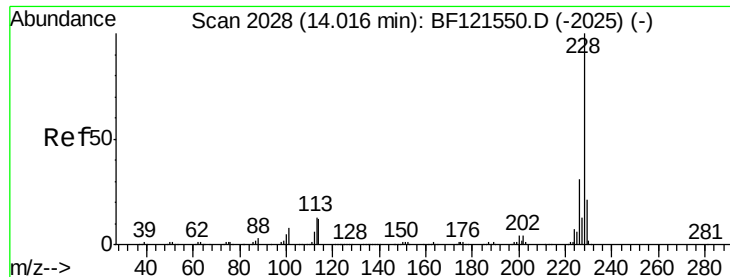


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.007 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

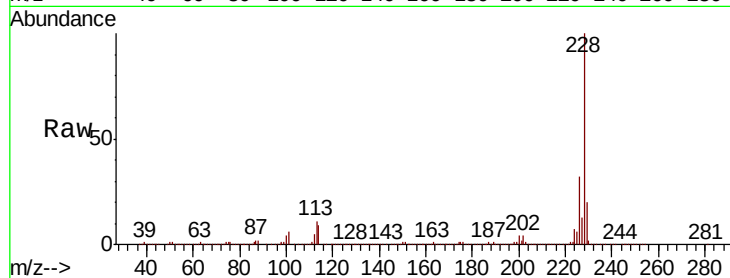
Tot Ion:228 Resp: 1332106

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.4

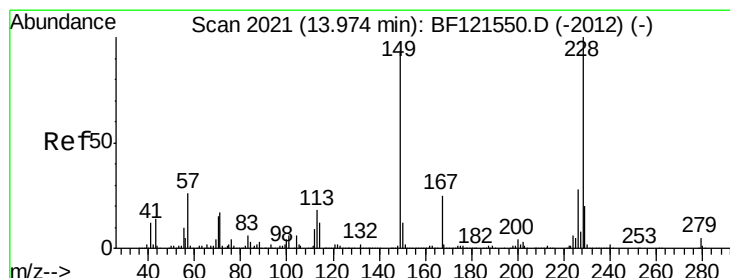
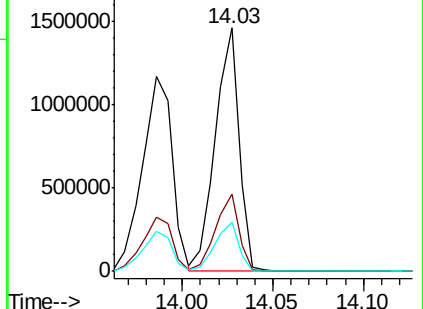
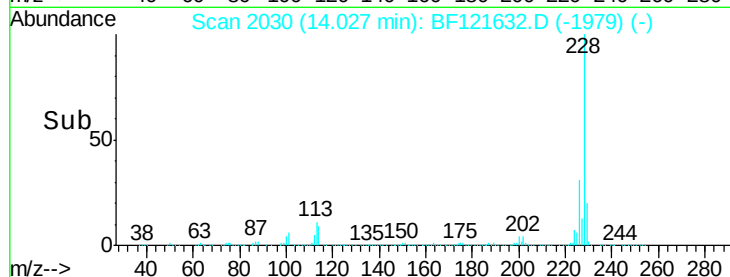
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.734 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

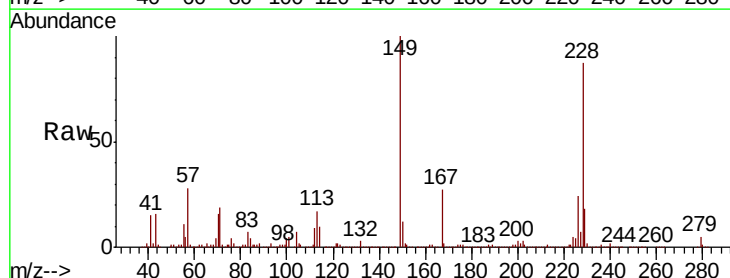
Tgt Ion:149 Resp: 854566

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

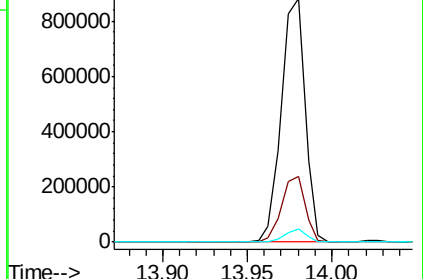
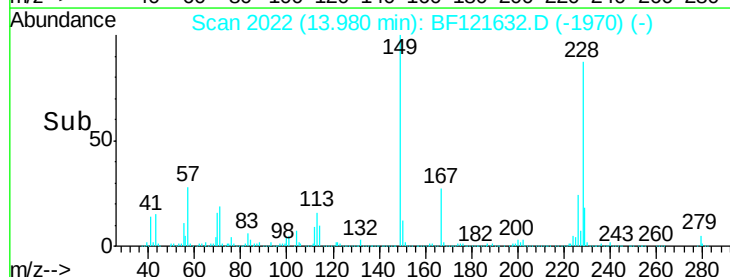
279 5.2 3.4 5.0#

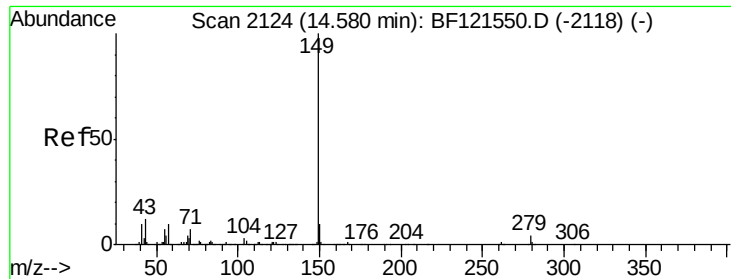


Abundance Ion 149.00 (148.70 to 149.70): E

1200000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

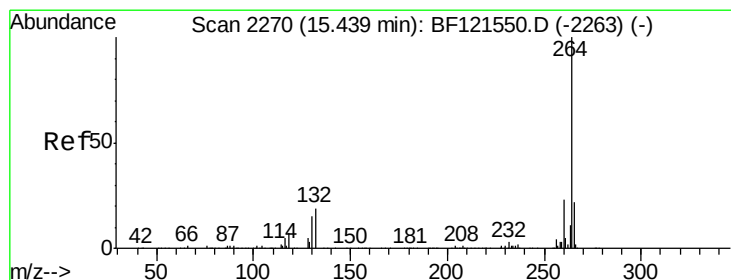
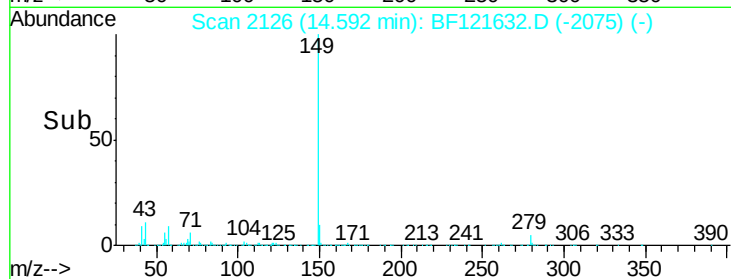
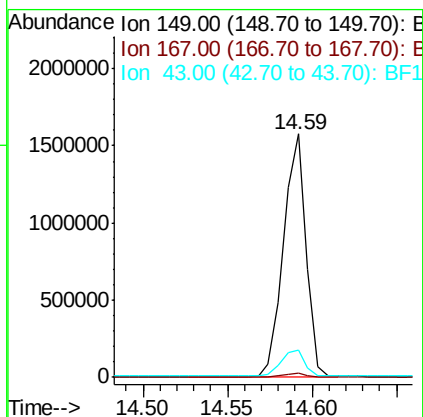
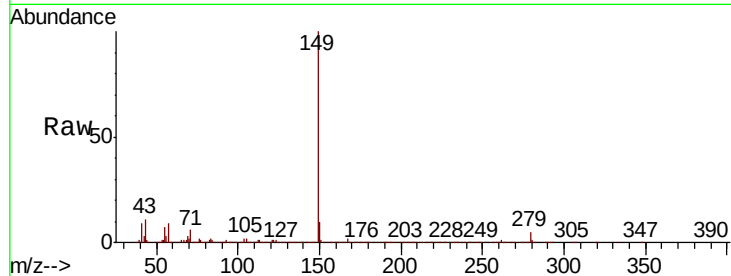




#85
Di-n-octyl phthalate
Concen: 42.585 ng
RT: 14.59 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

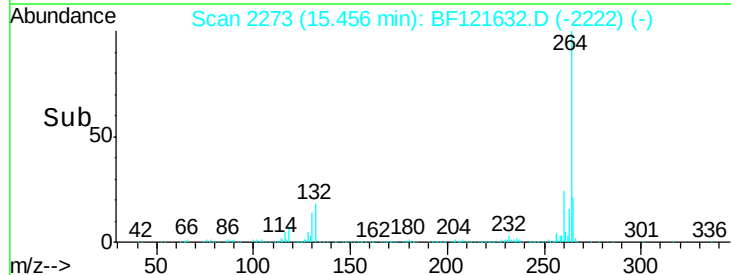
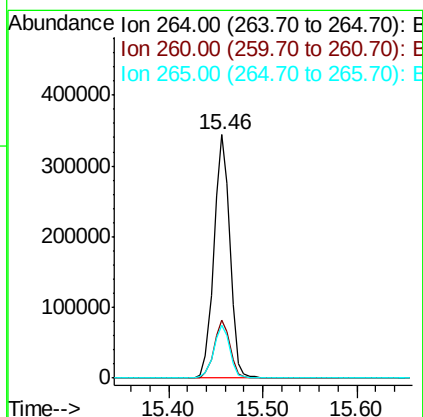
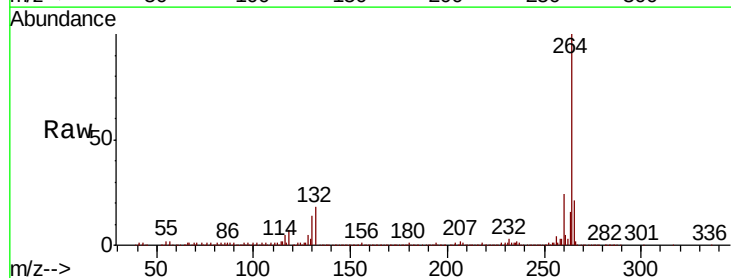
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

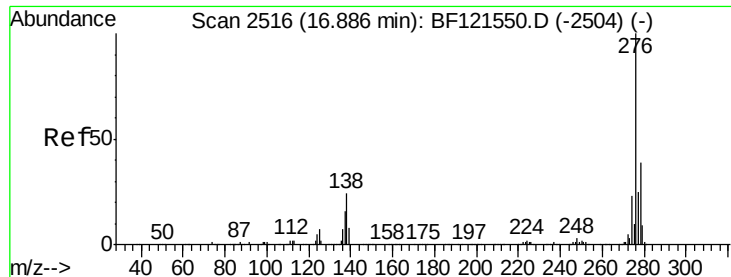
Tot Ion:149 Resp: 1468501
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:264 Resp: 414274
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.5 17.3 25.9

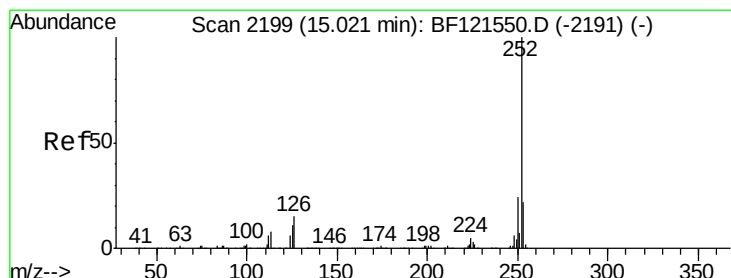
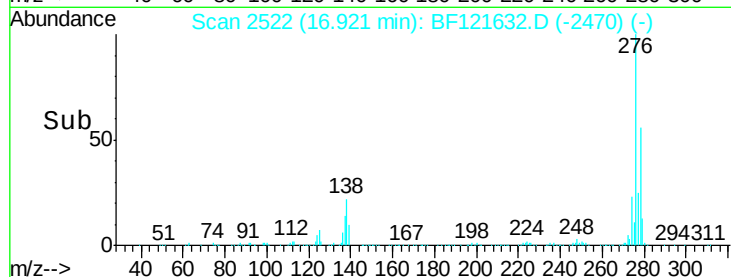
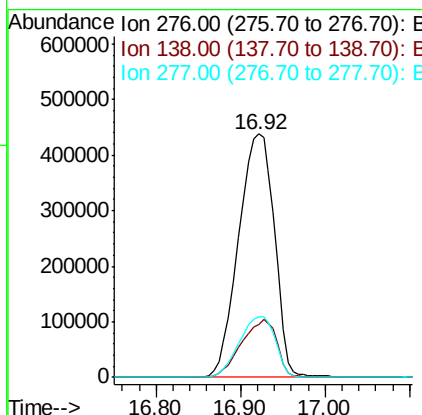
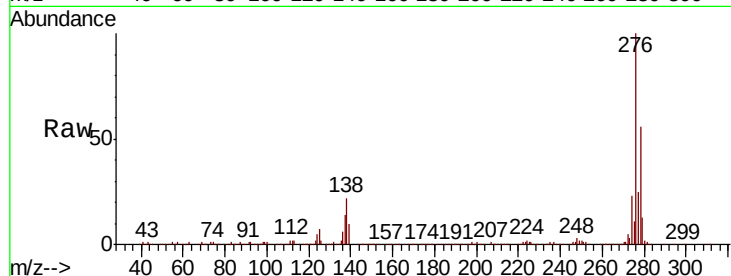




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.925 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

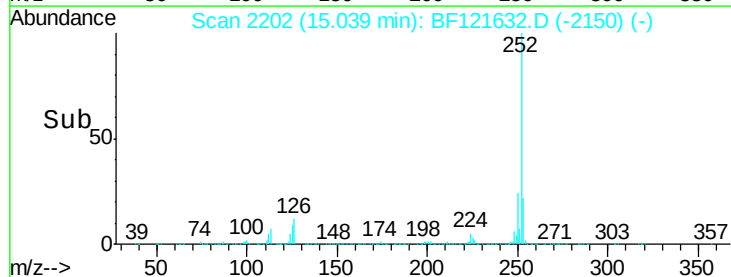
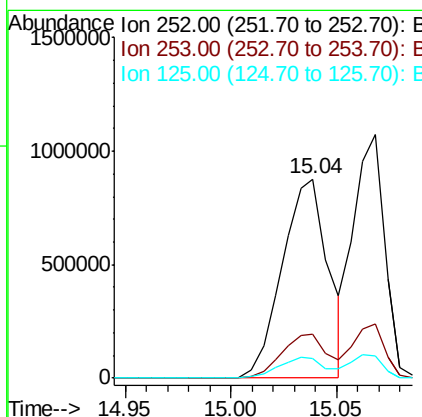
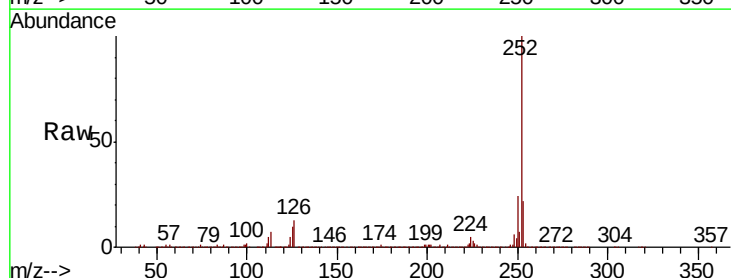
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

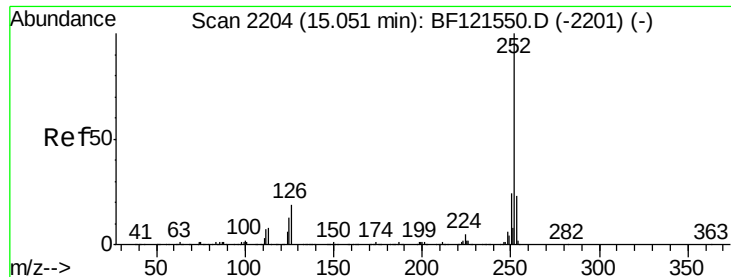
Tot Ion:276 Resp: 1292960
Ion Ratio Lower Upper
276 100
138 23.5 19.0 28.6
277 25.5 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 48.030 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:252 Resp: 1330170
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 9.6 8.5 12.7

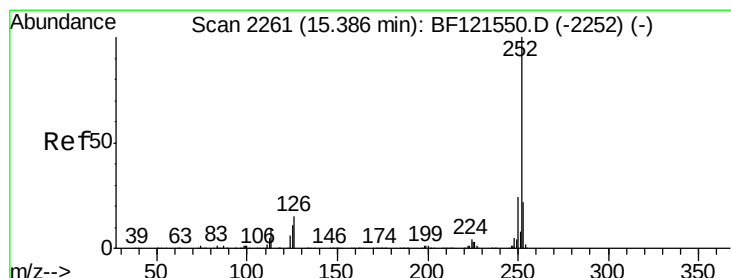
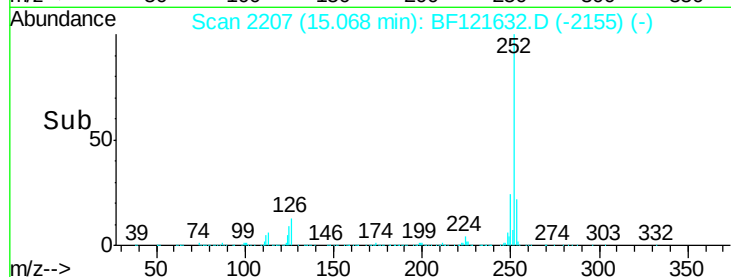
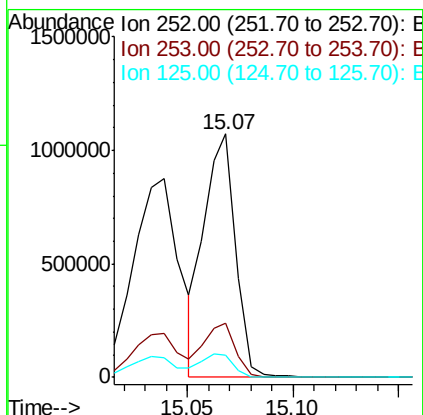
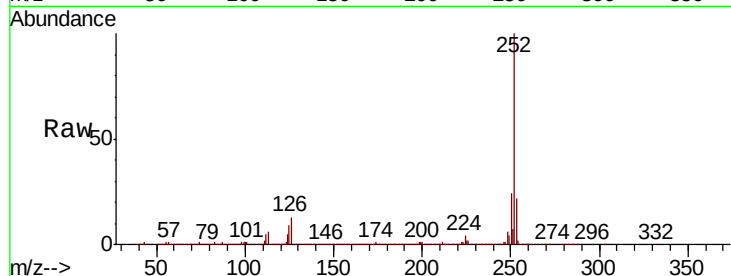




#89
Benzo(k)fluoranthene
Concen: 43.445 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

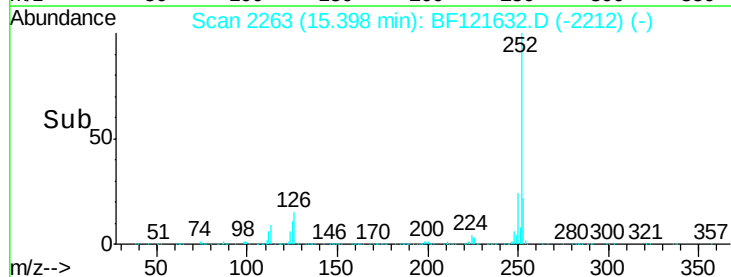
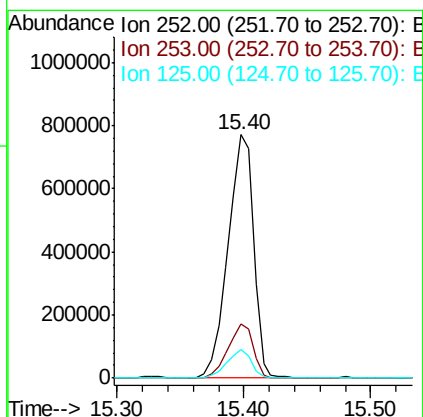
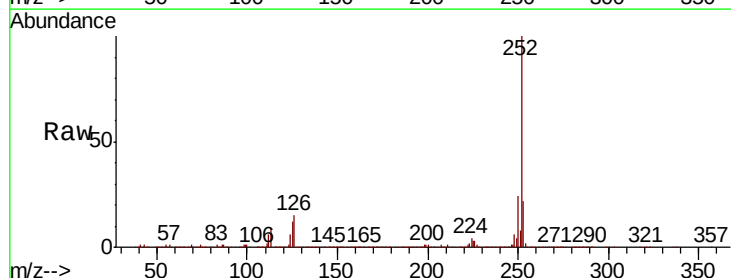
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

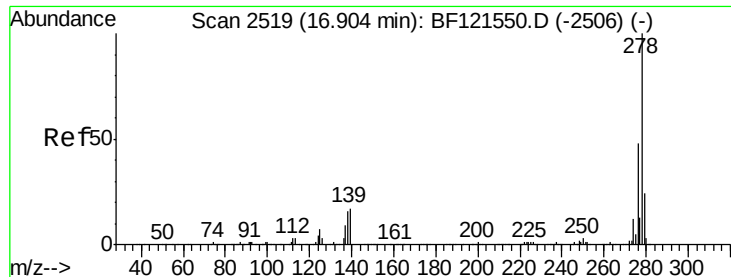
Tot Ion:252 Resp: 1101819
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 45.525 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:252 Resp: 1071717
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.5 9.1 13.7

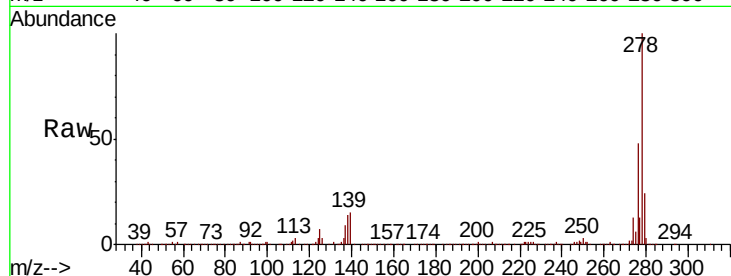




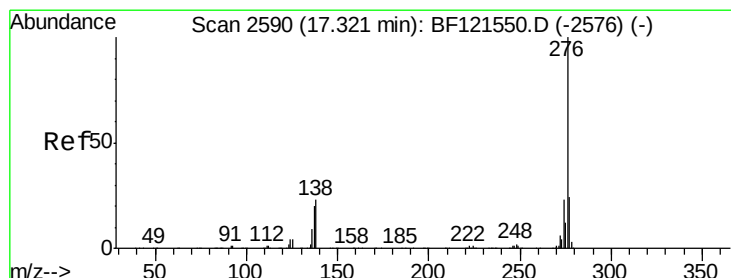
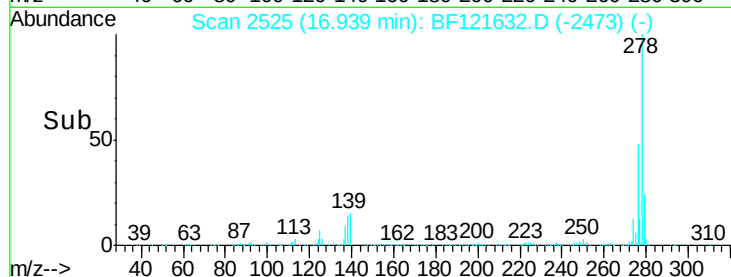
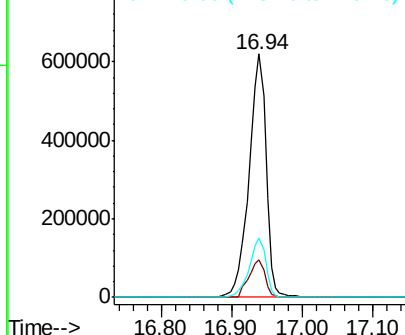
#91
Dibenzo(a,h)anthracene
Concen: 46.759 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

Tot Ion:278 Resp: 1050117
Ion Ratio Lower Upper
278 100
139 15.3 12.0 18.0
279 24.2 19.4 29.2

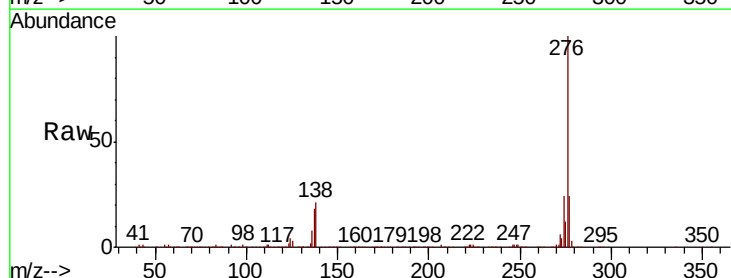


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.316 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:276 Resp: 1088688
Ion Ratio Lower Upper
276 100
277 24.0 19.3 28.9
138 21.1 16.9 25.3



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

