

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121633.D
 Acq On : 21 Sep 2020 18:37
 Operator : JU/CG
 Sample : L4059-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 21 19:05:09 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	167010	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	649960	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	342004	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	640370	20.00	ng	0.00
76) Chrysene-d12	14.00	240	454670	20.00	ng	0.00
86) Perylene-d12	15.46	264	397446	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1122377	99.87	ng	0.01
7) Phenol-d6	6.46	99	1461635	99.14	ng	0.00
23) Nitrobenzene-d5	7.39	82	1029440	85.04	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	487469	114.68	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1777810	78.73	ng	0.00
79) Terphenyl-d14	12.94	244	1848364	82.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	188985	36.605	ng	99
3) Pyridine	3.35	79	542735	38.026	ng	98
4) n-Nitrosodimethylamine	3.30	42	277645	41.938	ng	96
6) Aniline	6.48	93	447571	23.309	ng	# 65
8) 2-Chlorophenol	6.60	128	520554	45.496	ng	97
9) Benzaldehyde	6.36	77	211499	21.944	ng	97
10) Phenol	6.47	94	621354	39.577	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	507608	42.898	ng	99
12) 1,3-Dichlorobenzene	6.76	146	536850	42.037	ng	97
13) 1,4-Dichlorobenzene	6.83	146	540066	42.116	ng	97
14) 1,2-Dichlorobenzene	6.99	146	518233	43.870	ng	99
15) Benzyl Alcohol	6.96	79	463660	46.269	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	770610	40.470	ng	92
17) 2-Methylphenol	7.08	107	427943	43.957	ng	98
18) Hexachloroethane	7.33	117	200263	43.616	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	356502	41.956	ng	100
20) 3+4-Methylphenols	7.23	107	493946	42.229	ng	94
22) Acetophenone	7.23	105	676457	41.021	ng	# 98
24) Nitrobenzene	7.40	77	556731	42.522	ng	99
25) Isophorone	7.65	82	1012960	41.569	ng	99
26) 2-Nitrophenol	7.72	139	272682	44.441	ng	99
27) 2,4-Dimethylphenol	7.76	122	452609	41.610	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	634972	42.091	ng	99
29) 2,4-Dichlorophenol	7.97	162	428108	43.212	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	441339	42.297	ng	99
31) Naphthalene	8.13	128	1426683	41.582	ng	100
32) Benzoic acid	7.86	122	50777	12.288	ng	99
33) 4-Chloroaniline	8.17	127	283848	19.085	ng	97
34) Hexachlorobutadiene	8.24	225	268836	43.895	ng	99
35) Caprolactam	8.57	113	83372	25.270	ng	92
36) 4-Chloro-3-methylphenol	8.67	107	478951	44.877	ng	97
37) 2-Methylnaphthalene	8.82	142	966153	42.969	ng	99
38) 1-Methylnaphthalene	8.92	142	887191	42.396	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	446640	41.808	ng	99

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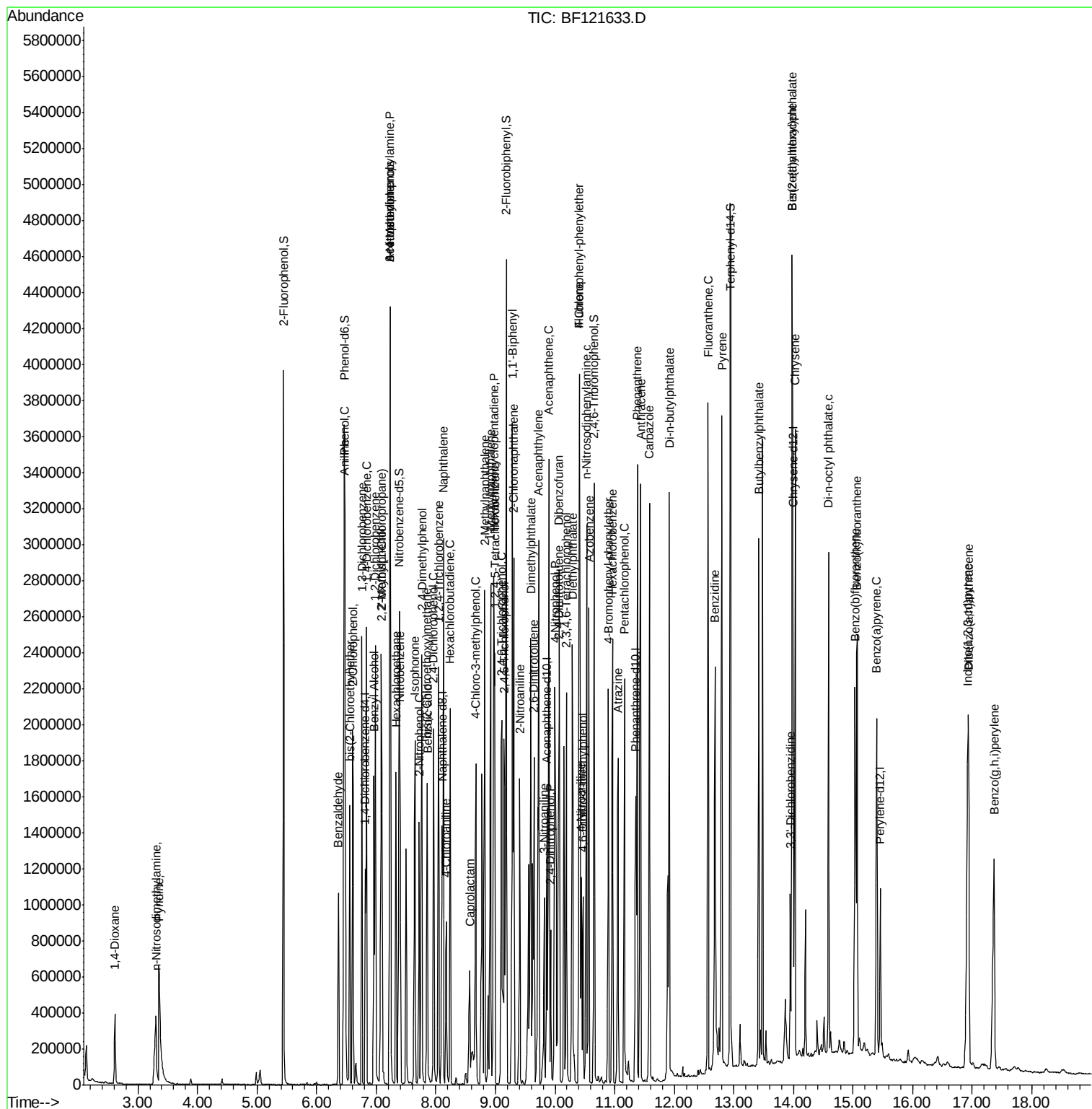
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41) Hexachlorocyclopentadiene	8.97	237	422390	69.235	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	318471	43.736	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	332513	43.195	ng	98
46) 1,1'-Biphenyl	9.29	154	1132161	41.350	ng	100
47) 2-Chloronaphthalene	9.31	162	876693	40.633	ng	99
48) 2-Nitroaniline	9.41	65	314641	46.928	ng	98
49) Acenaphthylene	9.73	152	1394511	42.066	ng	99
50) Dimethylphthalate	9.59	163	1328893	53.610	ng	99
51) 2,6-Dinitrotoluene	9.65	165	247730	46.927	ng	96
52) Acenaphthene	9.90	154	822382	39.276	ng	99
53) 3-Nitroaniline	9.82	138	177834	29.080	ng	95
54) 2,4-Dinitrophenol	9.93	184	101352	38.570	ng	96
55) Dibenzofuran	10.07	168	1231227	41.755	ng	100
56) 4-Nitrophenol	10.00	139	394028	80.793	ng	91
57) 2,4-Dinitrotoluene	10.06	165	324119	48.803	ng	93
58) Fluorene	10.42	166	949437	42.105	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	274680	43.891	ng	99
60) Diethylphthalate	10.29	149	1062251	43.953	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	467886	43.315	ng	99
62) 4-Nitroaniline	10.45	138	255651	42.103	ng	95
63) Azobenzene	10.57	77	1075273	41.780	ng	100
65) 4,6-Dinitro-2-methylphenol	10.47	198	124134	33.932	ng	91
66) n-Nitrosodiphenylamine	10.53	169	932719	42.455	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	321170	44.051	ng	99
68) Hexachlorobenzene	10.96	284	362564	44.065	ng	99
69) Atrazine	11.06	200	231121	42.344	ng	98
70) Pentachlorophenol	11.16	266	294913	65.265	ng	98
71) Phenanthrene	11.38	178	1469463	42.117	ng	99
72) Anthracene	11.43	178	1510946	41.965	ng	100
73) Carbazole	11.59	167	1370607	42.184	ng	100
74) Di-n-butylphthalate	11.92	149	1583126	42.217	ng	100
75) Fluoranthene	12.57	202	1568290	42.108	ng	100
77) Benzidine	12.69	184	381429	25.305	ng	# 92
78) Pyrene	12.80	202	1563328	47.060	ng	100
80) Butylbenzylphthalate	13.42	149	657306	48.925	ng	99
81) Benzo(a)anthracene	13.99	228	1238551	43.058	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	210573	18.751	ng	99
83) Chrysene	14.03	228	1249735	42.905	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	819821	45.677	ng	99
85) Di-n-octyl phthalate	14.59	149	1347144	42.530	ng	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	1309669	50.600	ng	99
88) Benzo(b)fluoranthene	15.03	252	1255364	47.248	ng	99
89) Benzo(k)fluoranthene	15.07	252	1025745	42.158	ng	99
90) Benzo(a)pyrene	15.40	252	1028712	45.548	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1065372	49.447	ng	99
92) Benzo(g,h,i)perylene	17.37	276	1119312	52.850	ng	99

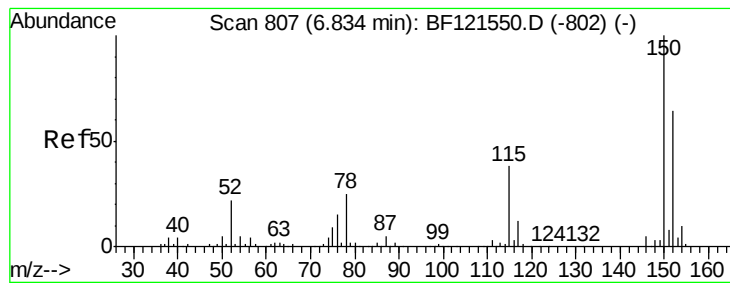
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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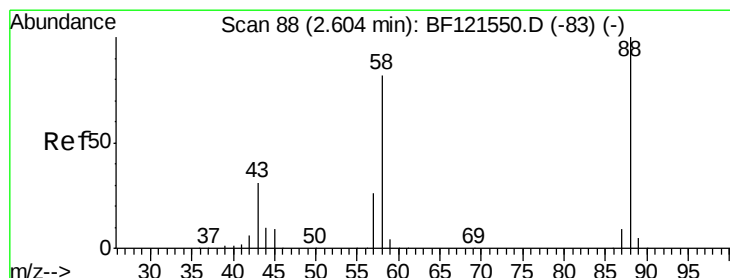
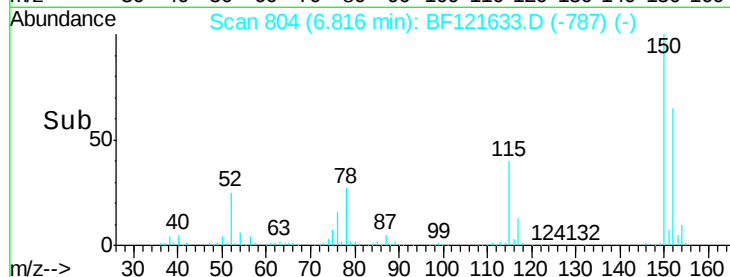
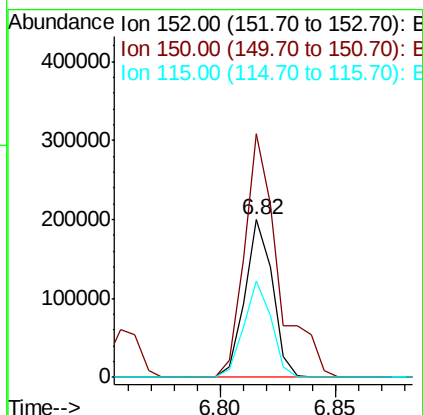
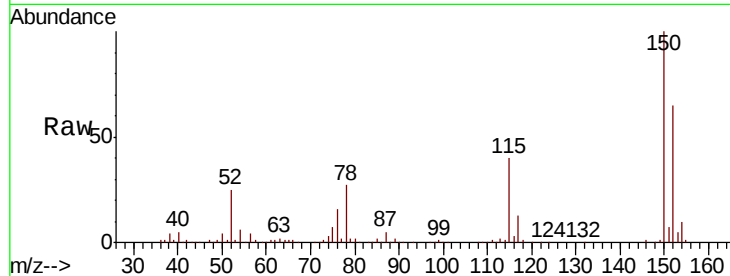


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

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

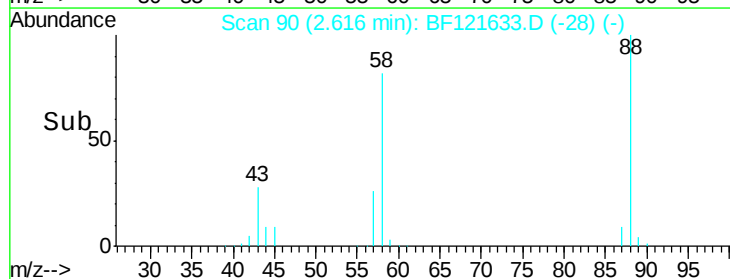
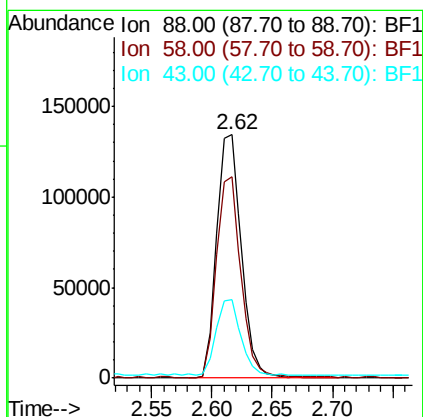
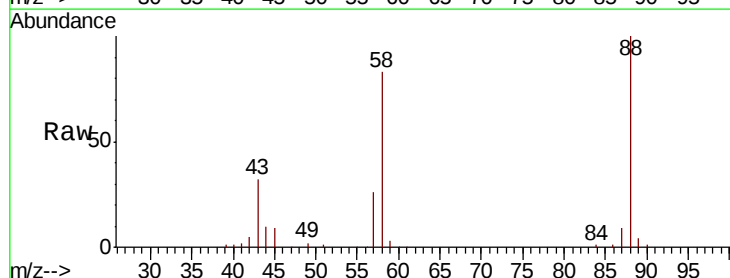
Tot Ion:152 Resp: 167010
 Ion Ratio Lower Upper
 152 100
 150 154.6 128.1 192.1
 115 61.2 52.6 79.0

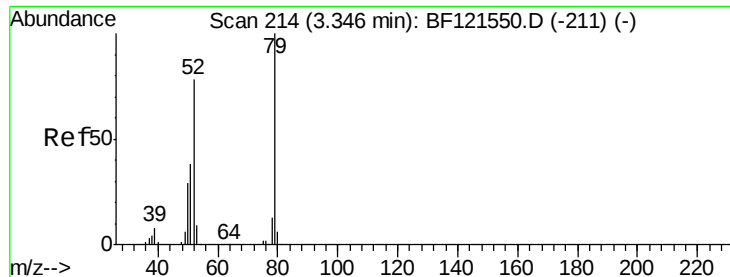


#2

1,4-Dioxane
 Concen: 36.605 ng
 RT: 2.62 min Scan# 90
 Delta R.T. 0.06 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion: 88 Resp: 188985
 Ion Ratio Lower Upper
 88 100
 58 80.9 65.4 98.0
 43 31.2 24.9 37.3



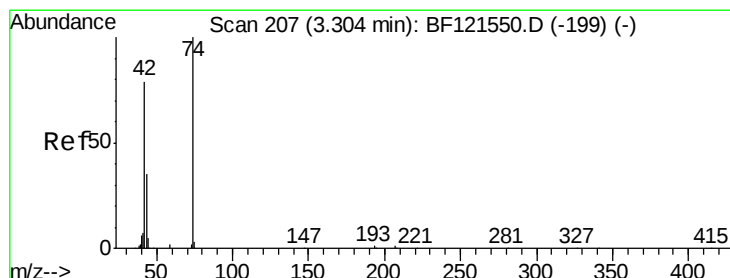
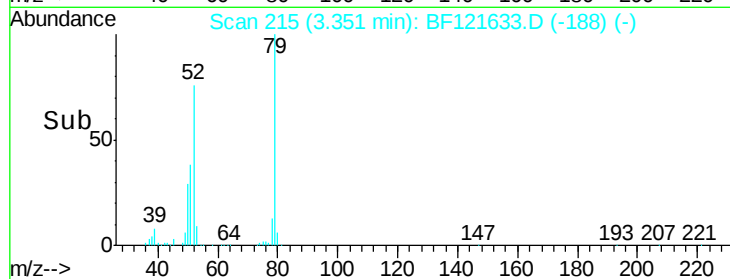
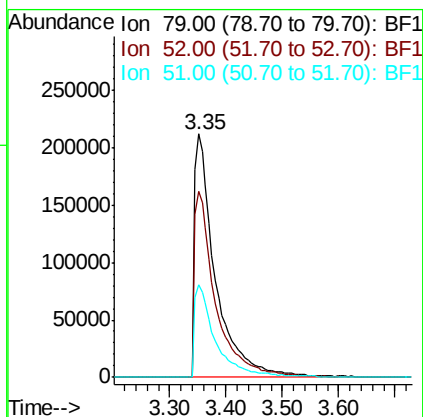
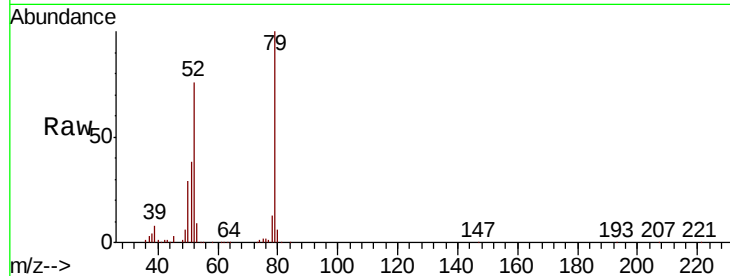


#3
Pvridine
Concen: 38.026 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.06 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

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

Tot Ion: 79 Resp: 542735

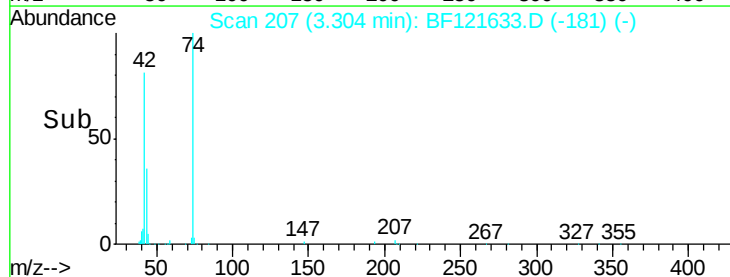
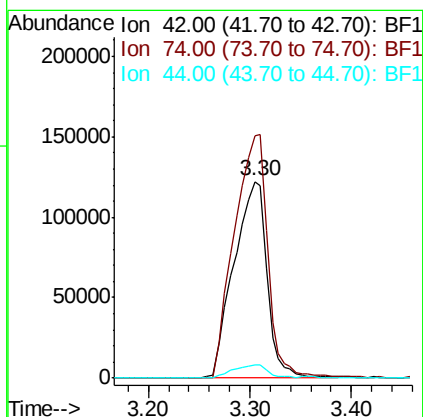
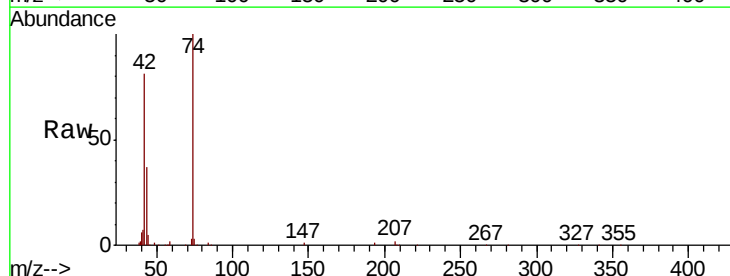
Ion	Ratio	Lower	Upper
79	100		
52	76.5	63.4	95.0
51	38.2	30.7	46.1

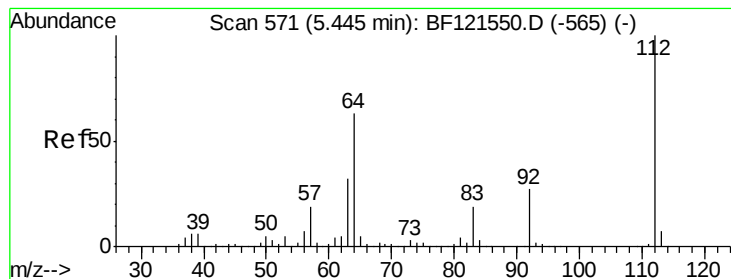


#4
n-Nitrosodimethylamine
Concen: 41.938 ng
RT: 3.30 min Scan# 207
Delta R.T. 0.05 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion: 42 Resp: 277645

Ion	Ratio	Lower	Upper
42	100		
74	123.3	102.6	154.0
44	6.7	6.0	9.0

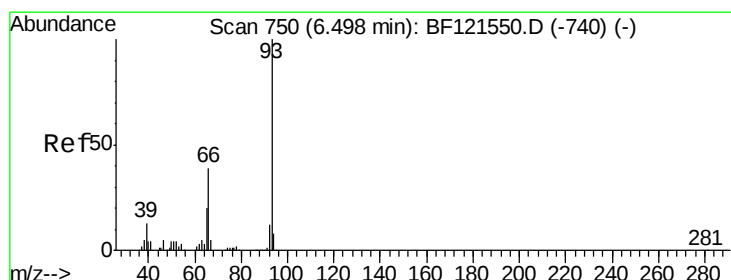
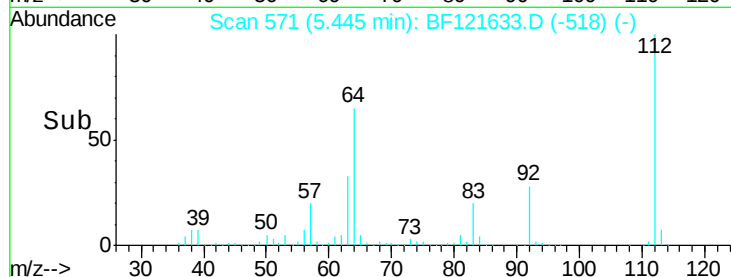
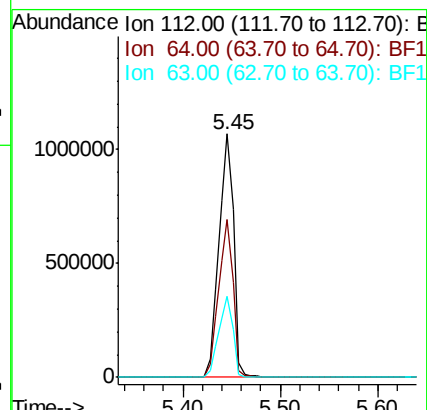
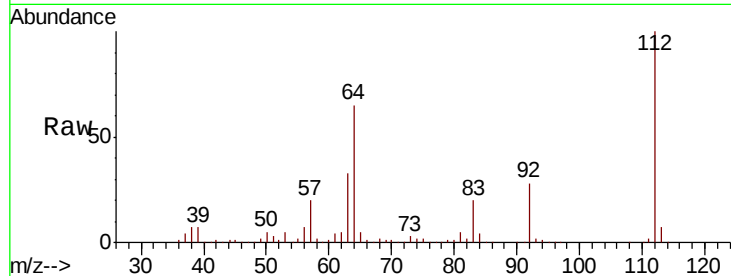




#5
 2-Fluorophenol
 Concen: 99.874 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

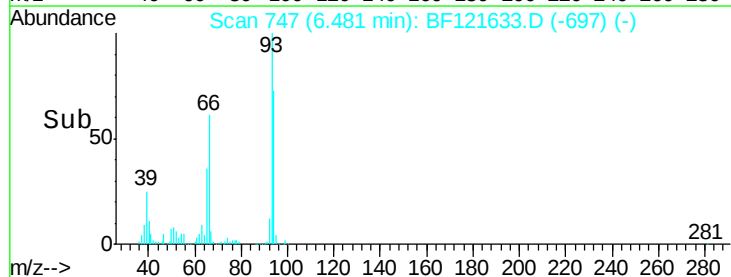
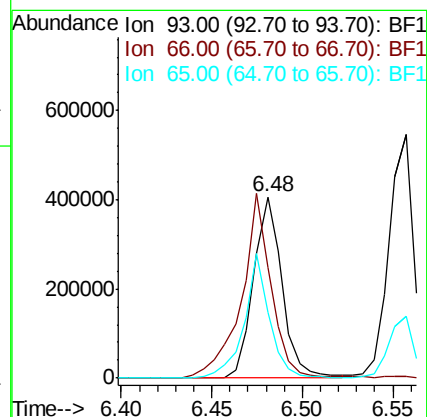
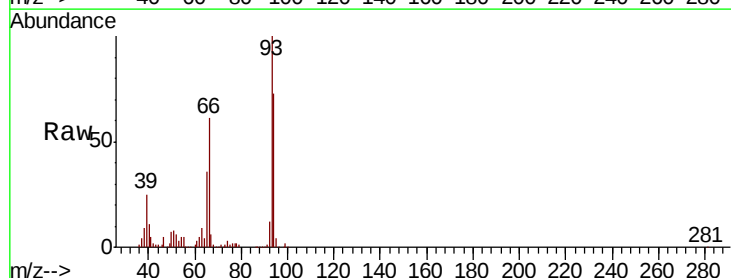
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

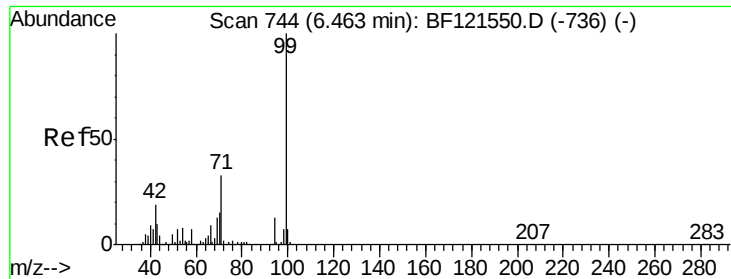
Tot Ion:112 Resp: 1122377
 Ion Ratio Lower Upper
 112 100
 64 65.0 52.2 78.2
 63 33.3 26.6 39.8



#6
 Aniline
 Concen: 23.309 ng
 RT: 6.48 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion: 93 Resp: 447571
 Ion Ratio Lower Upper
 93 100
 66 61.2 31.9 47.9#
 65 36.2 16.1 24.1#





#7

Phenol-d6

Concen: 99.137 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

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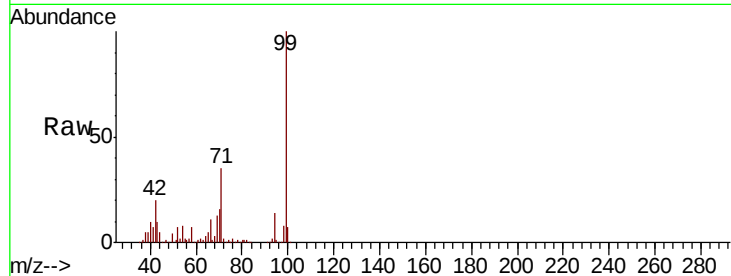
Tot Ion: 99 Resp: 1461635

Ion Ratio Lower Upper

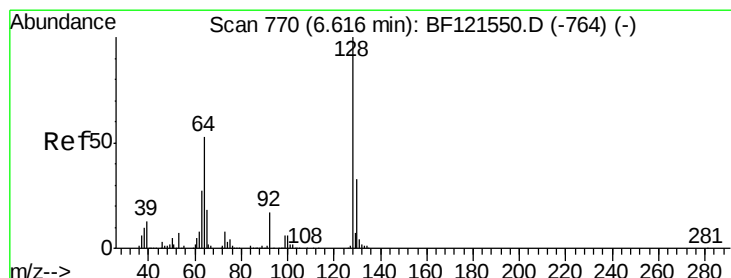
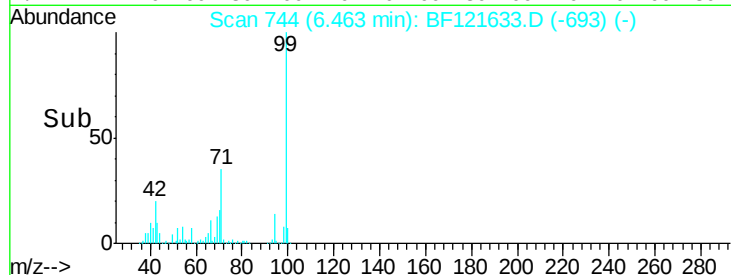
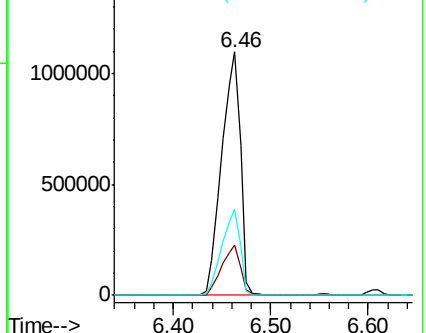
99 100

42 20.5 15.5 23.3

71 35.3 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: 45.496 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

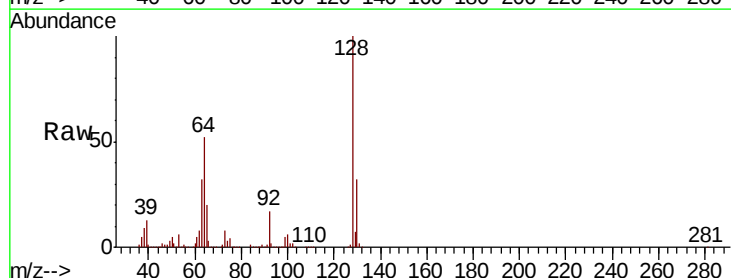
Tgt Ion: 128 Resp: 520554

Ion Ratio Lower Upper

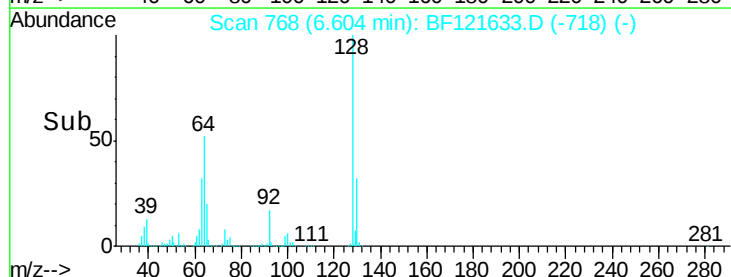
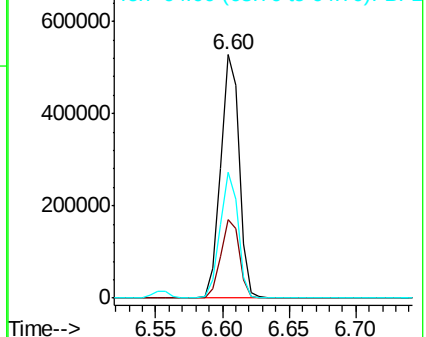
128 100

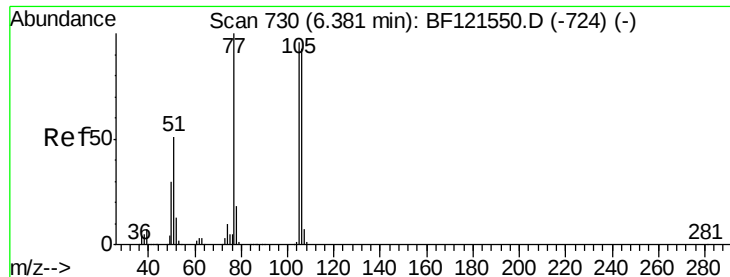
130 32.1 13.5 53.5

64 51.9 29.3 69.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.944 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF121633.D

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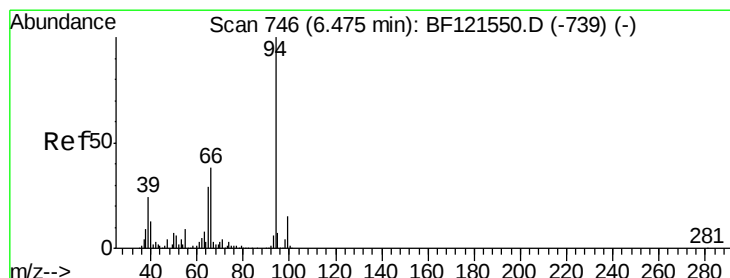
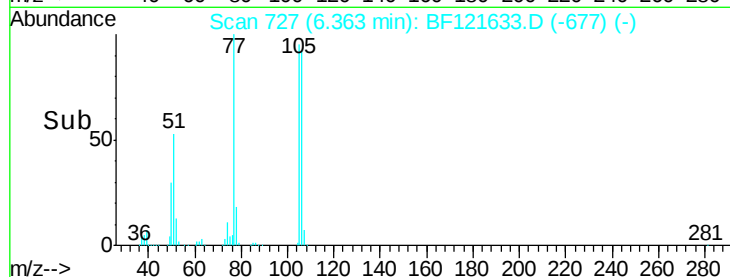
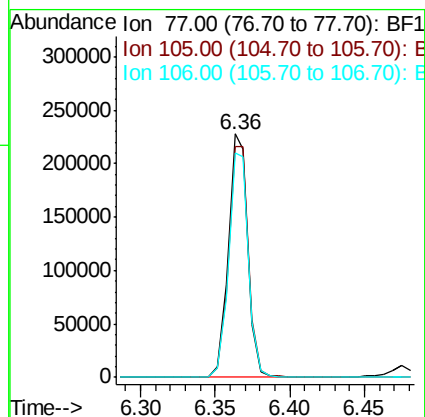
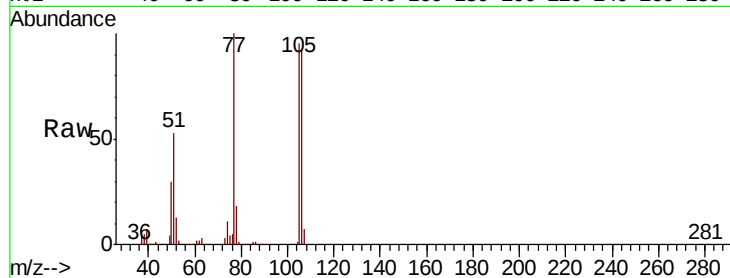
Tot Ion: 77 Resp: 211499

Ion Ratio Lower Upper

77 100

105 95.1 79.2 119.2

106 92.2 72.9 112.9



#10

Phenol

Concen: 39.577 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

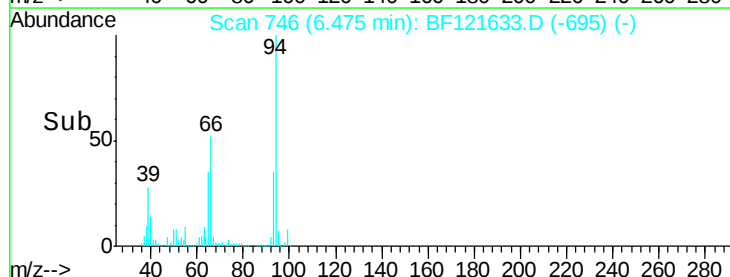
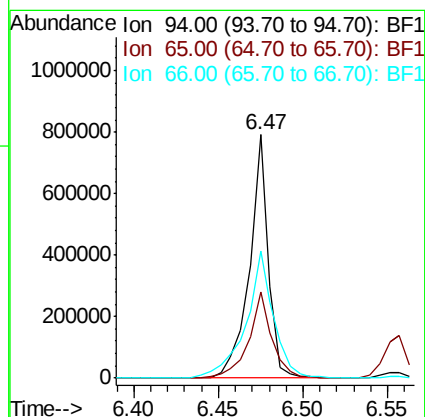
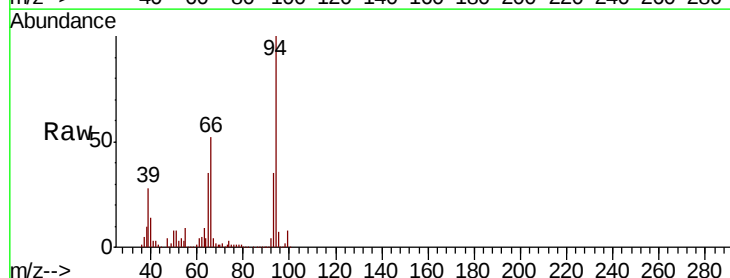
Tgt Ion: 94 Resp: 621354

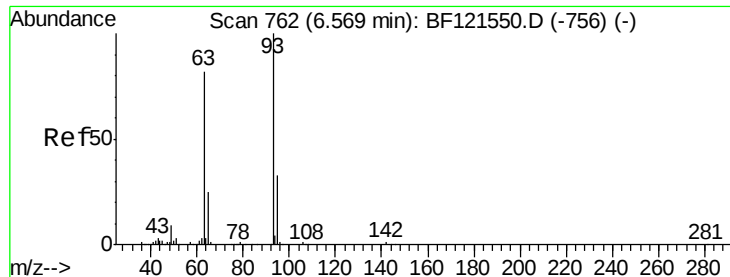
Ion Ratio Lower Upper

94 100

65 35.2 17.8 57.8

66 52.5 37.8 77.8

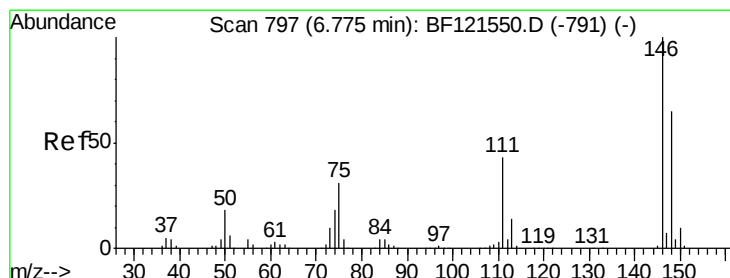
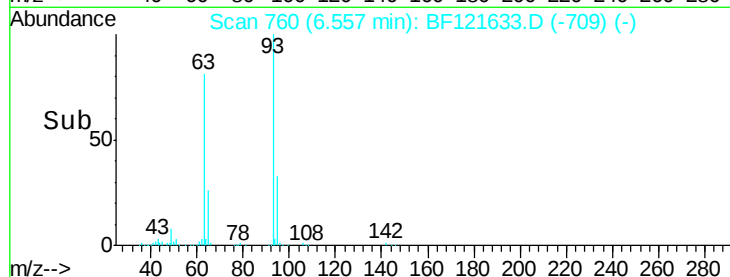
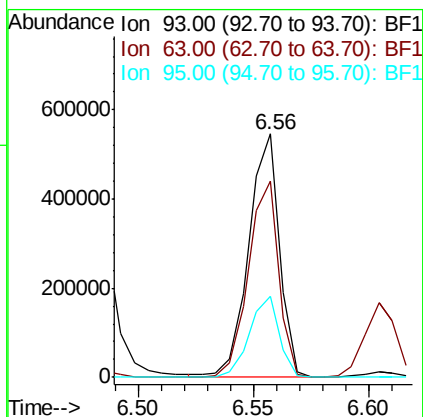
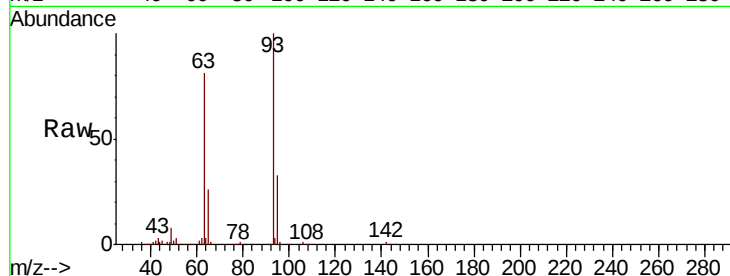




#11
bis(2-Chloroethyl)ether
Concen: 42.898 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

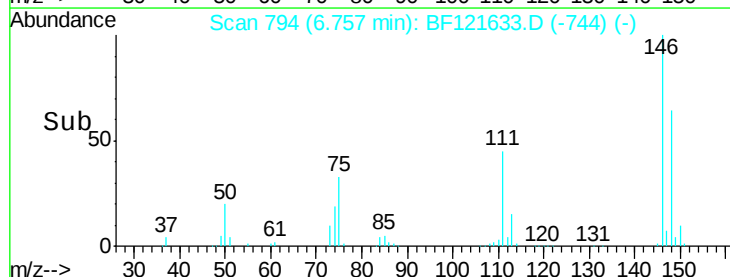
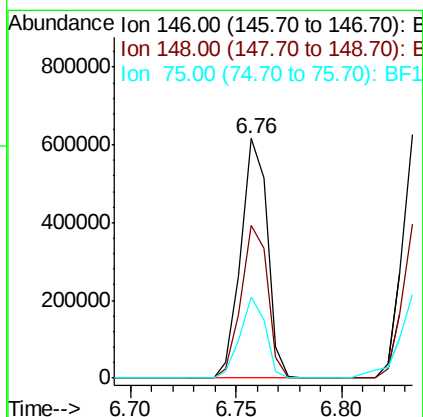
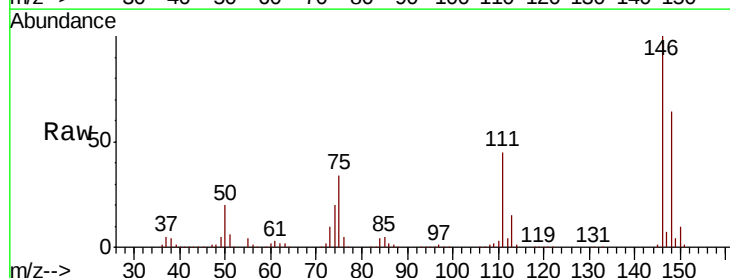
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

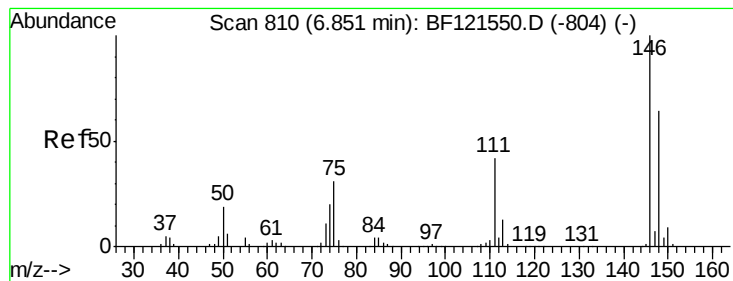
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	60.3	100.3
95	33.3	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 42.037 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
75	33.8	23.5	35.3





#13

1,4-Dichlorobenzene

Concen: 42.116 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

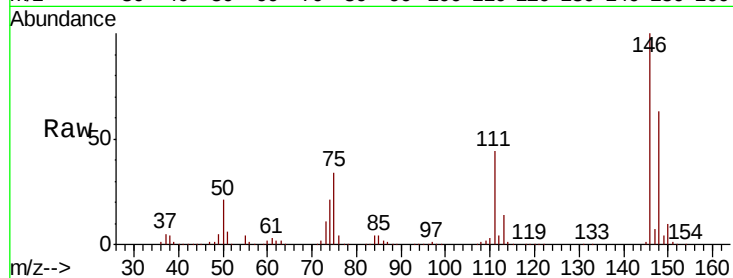
Tot Ion:146 Resp: 540066

Ion Ratio Lower Upper

146 100

148 63.4 51.9 77.9

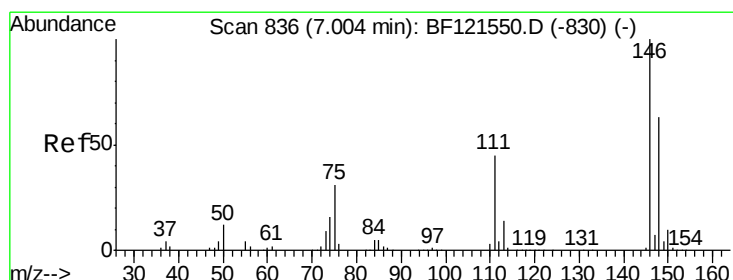
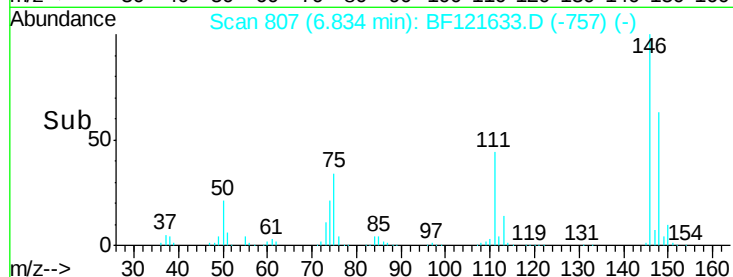
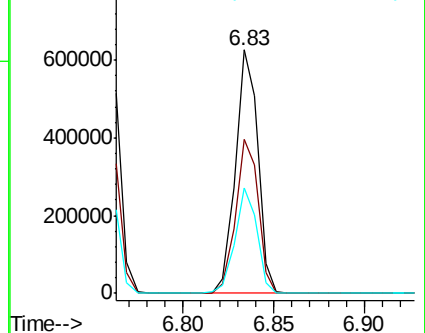
111 43.5 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.870 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

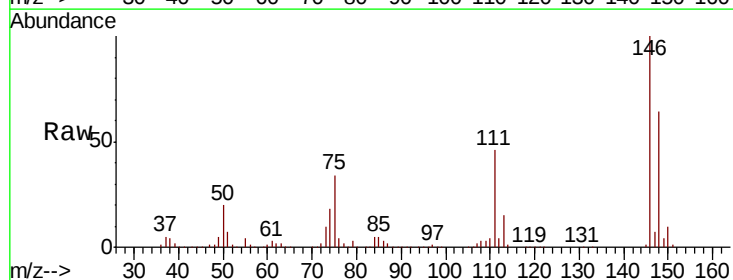
Tgt Ion:146 Resp: 518233

Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

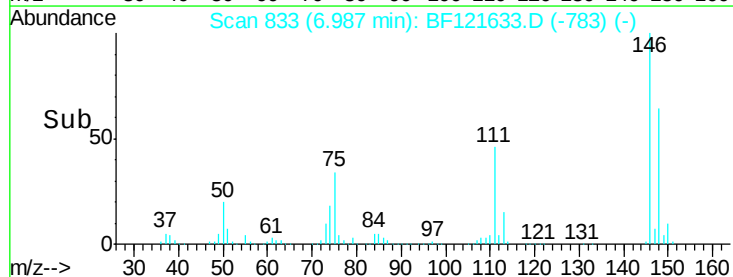
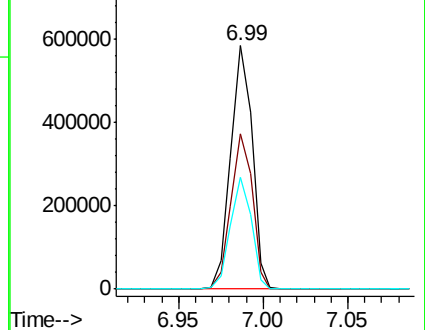
111 45.7 35.5 53.3

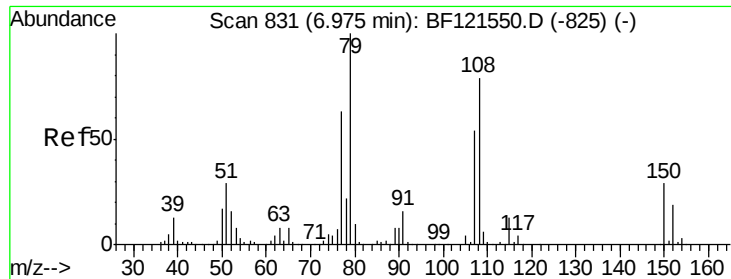


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

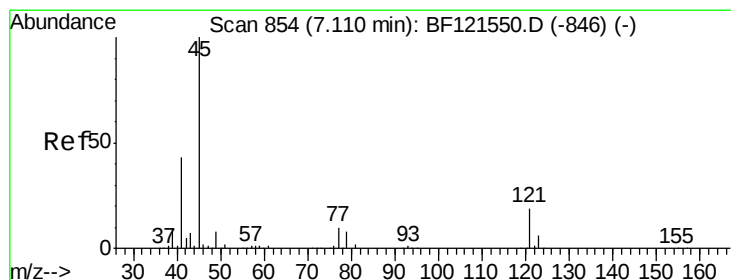
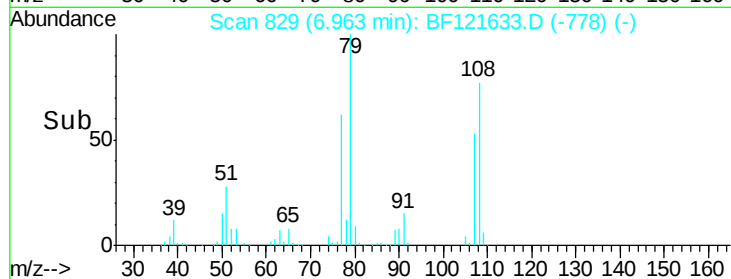
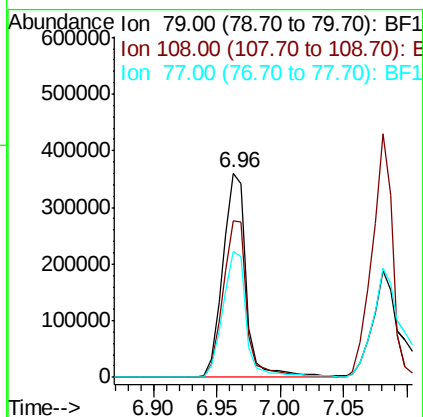
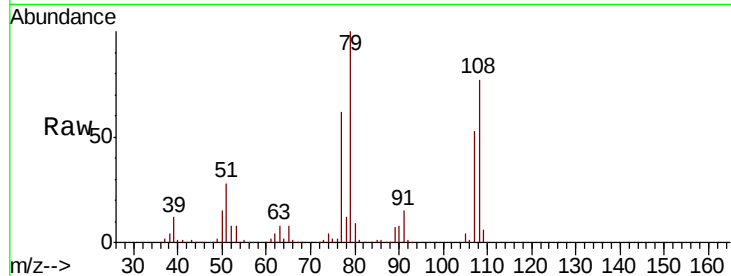




#15
Benzyl Alcohol
Concen: 46.269 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

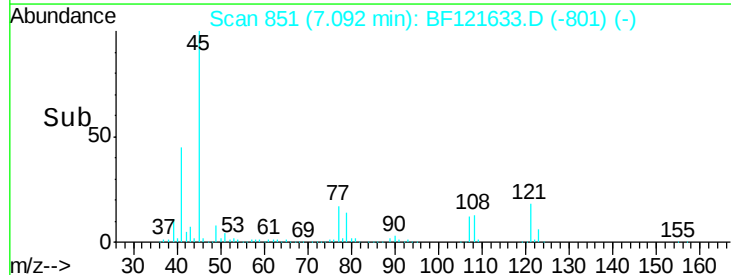
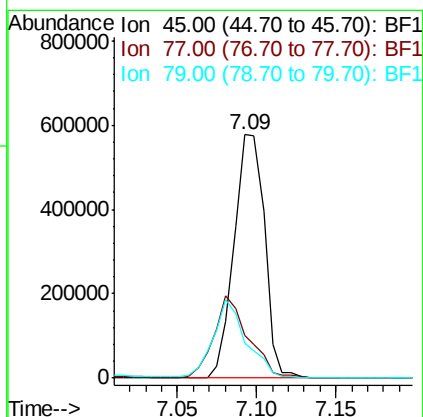
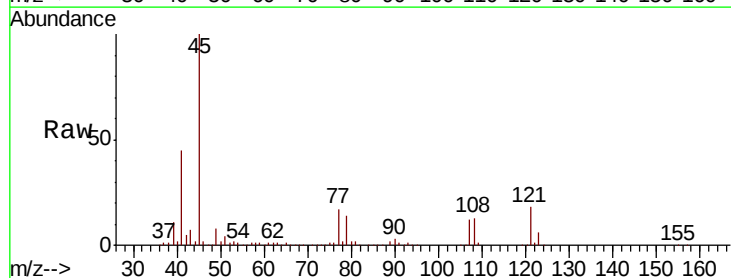
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

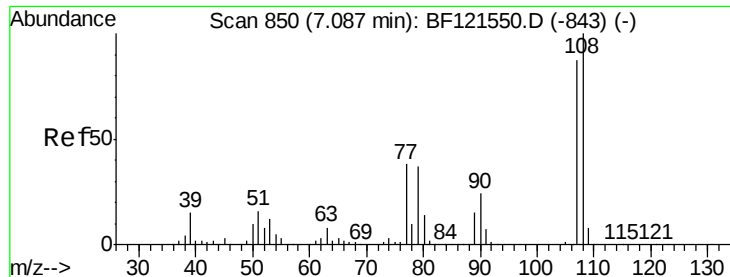
Tot Ion: 79 Resp: 463660
Ion Ratio Lower Upper
79 100
108 76.8 60.2 90.2
77 61.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.470 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion: 45 Resp: 770610
Ion Ratio Lower Upper
45 100
77 17.3 0.0 33.8
79 14.2 0.0 31.2

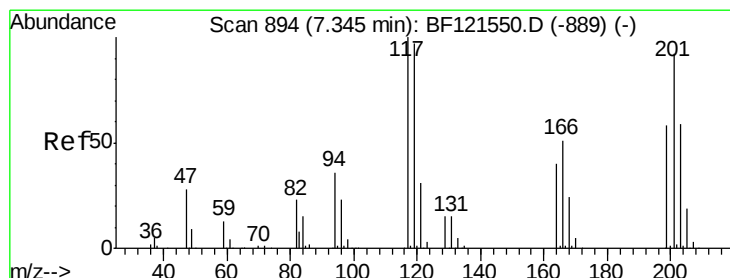
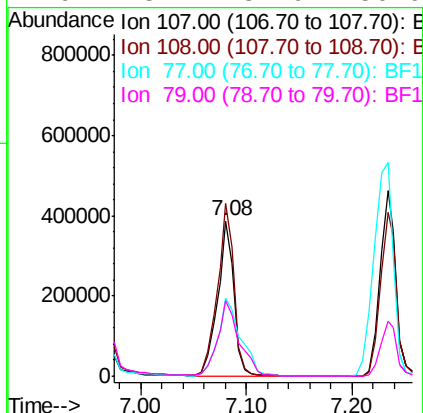
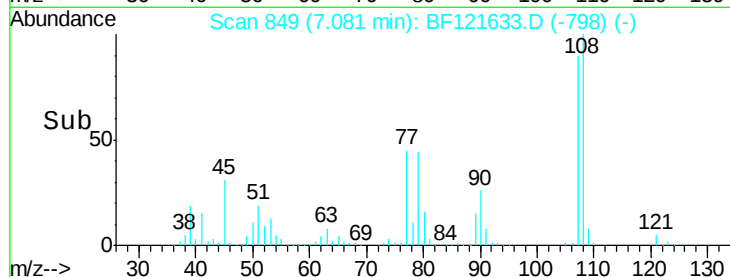
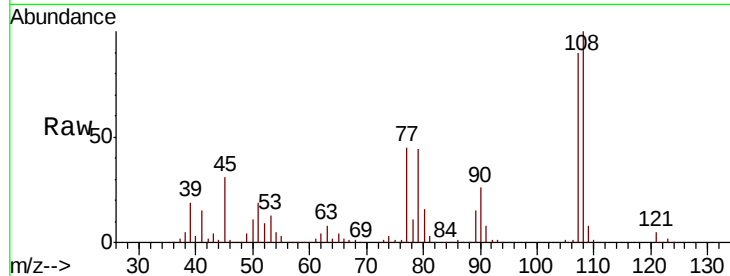




#17
2-Methylphenol
Concen: 43.957 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

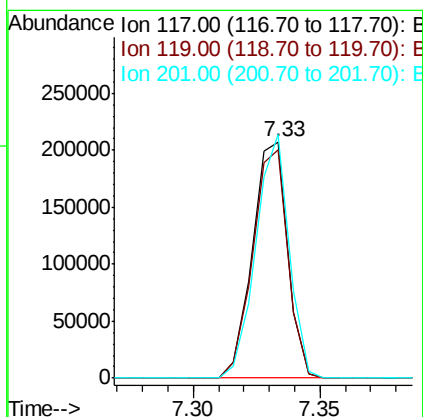
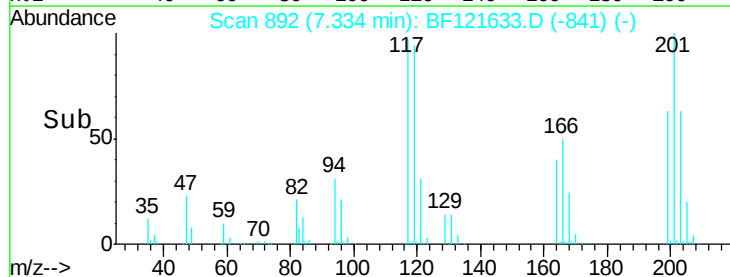
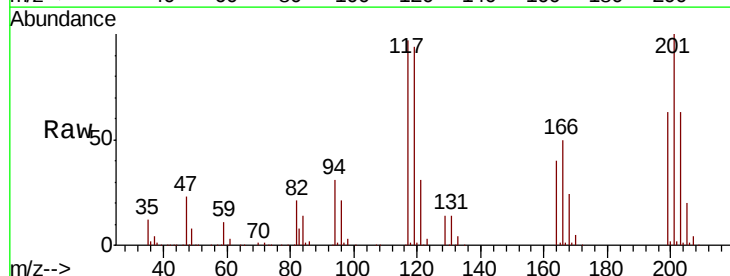
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

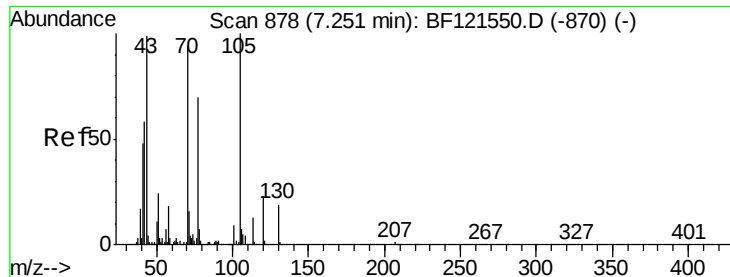
Tot Ion:	107	Resp:	427943
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.6	135.8
77	50.1	38.7	58.1
79	48.4	37.9	56.9



#18
Hexachloroethane
Concen: 43.616 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:	117	Resp:	200263
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.7	113.5
201	103.2	77.5	116.3

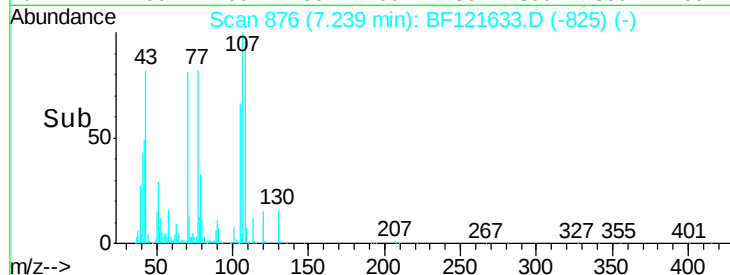
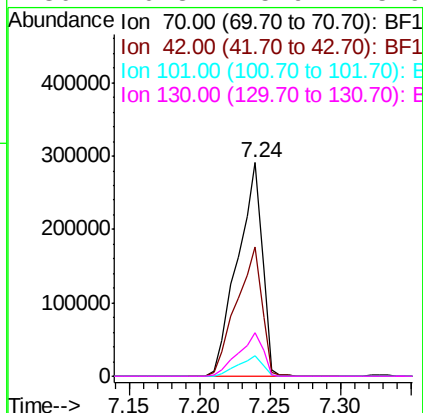
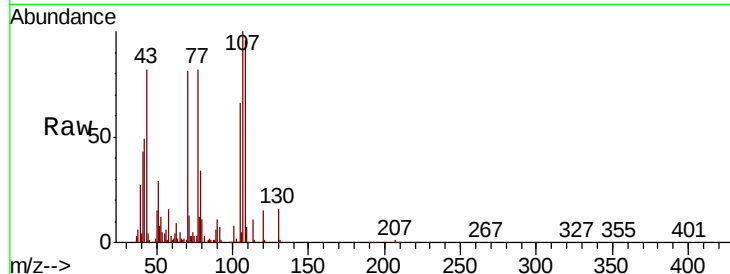




#19
n-Nitroso-di-n-propylamine
Concen: 41.956 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

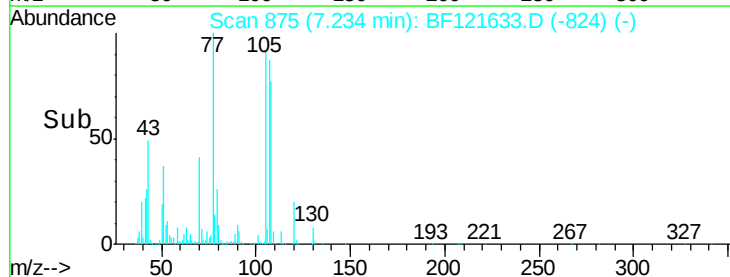
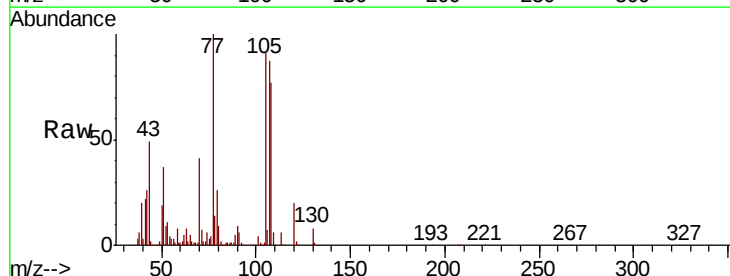
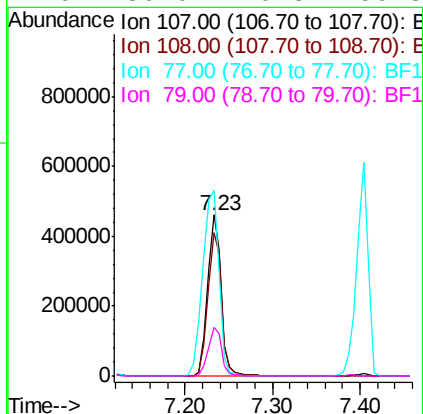
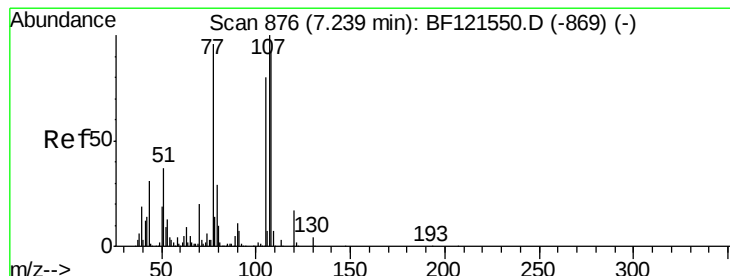
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

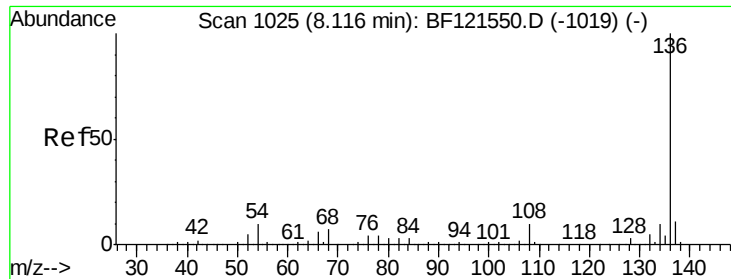
Tot Ion:	70	Resp:	356502
Ion	Ratio	Lower	Upper
70	100		
42	60.3	48.3	72.5
101	9.4	7.6	11.4
130	20.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.229 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:	107	Resp:	493946
Ion	Ratio	Lower	Upper
107	100		
108	88.9	67.0	107.0
77	115.5	107.7	147.7
79	30.0	10.3	50.3

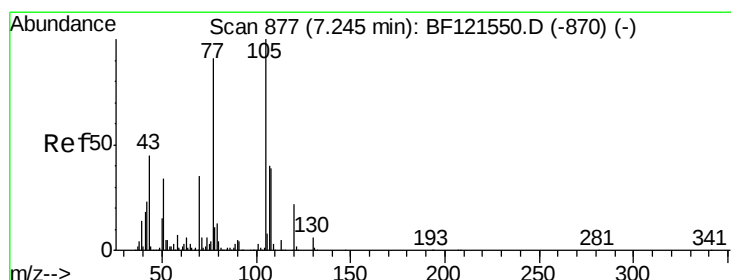
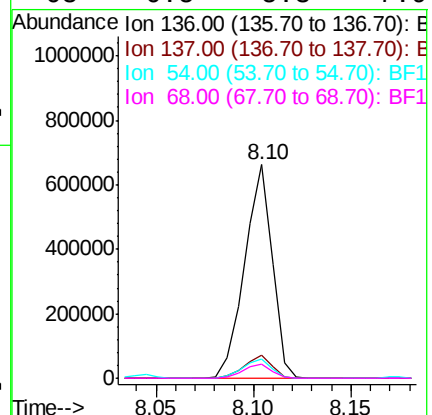
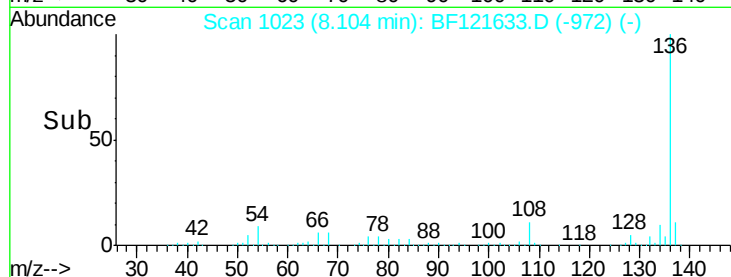
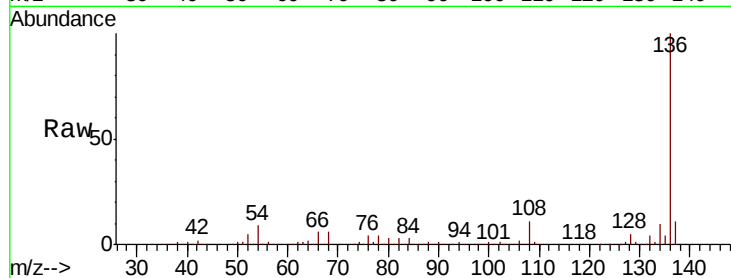




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

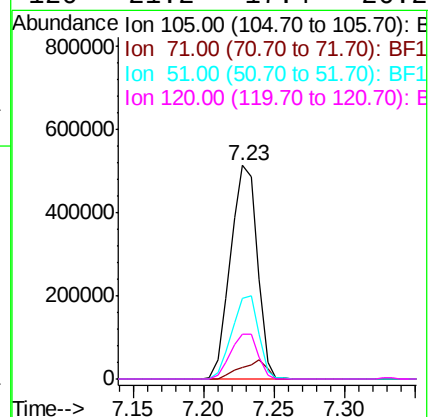
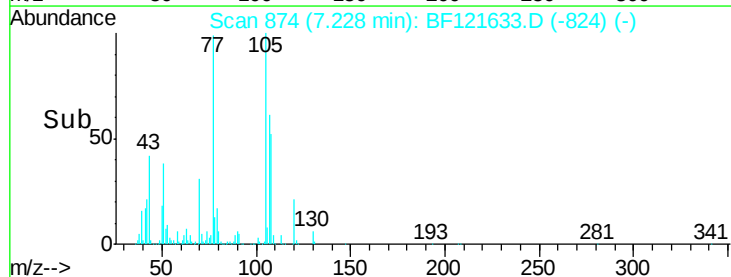
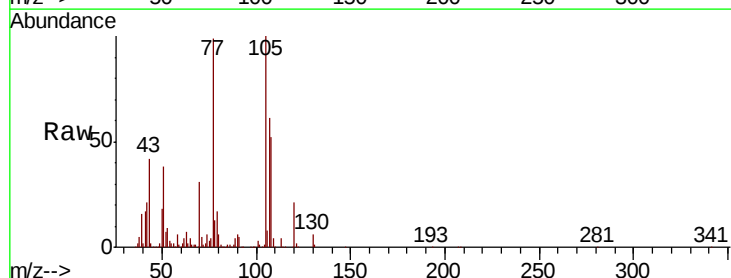
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

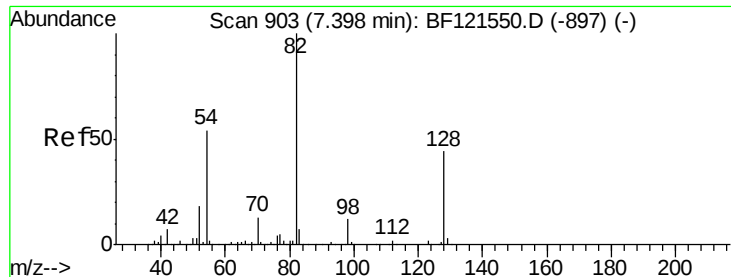
Tot Ion:136	Resp: 649960
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 9.1	7.4 11.0
68 6.5	5.3 7.9



#22
Acetophenone
Concen: 41.021 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:105	Resp: 676457
Ion Ratio	Lower Upper
105 100	
71 5.2	5.5 8.3#
51 37.9	31.7 47.5
120 21.2	17.4 26.2

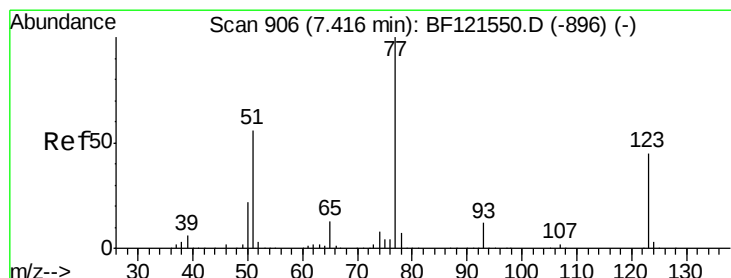
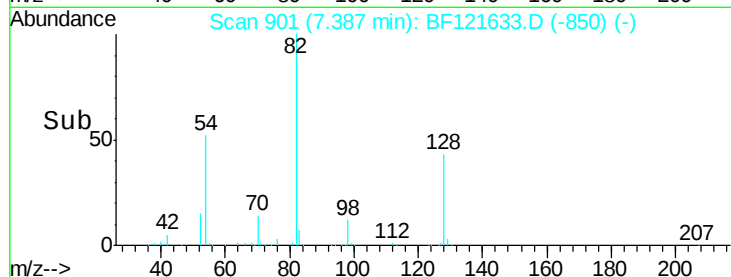
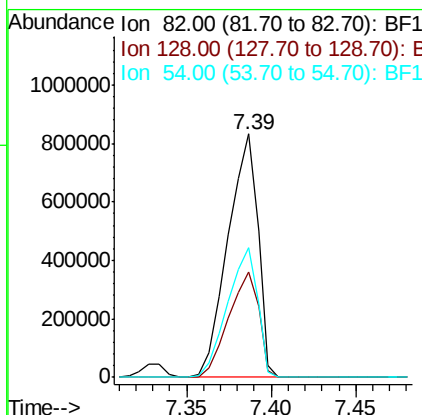
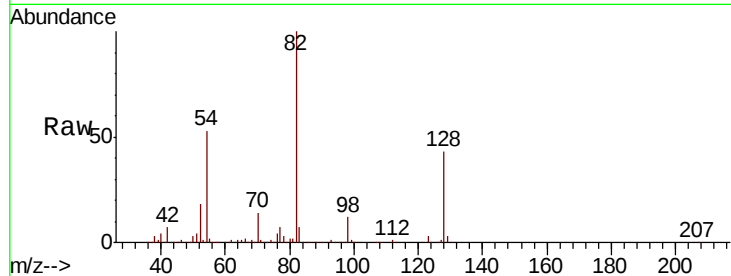




#23
 Nitrobenzene-d5
 Concen: 85.040 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

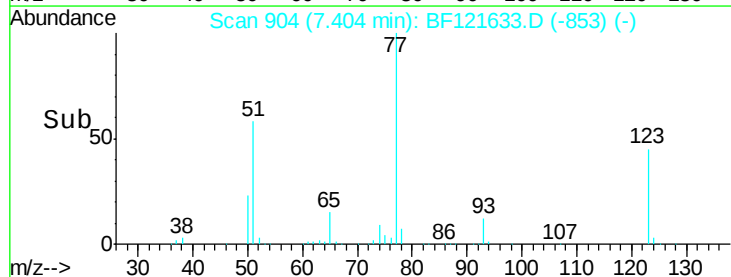
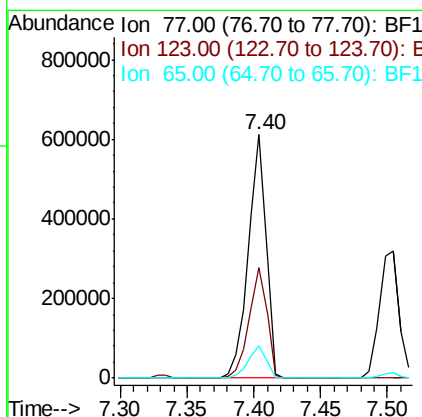
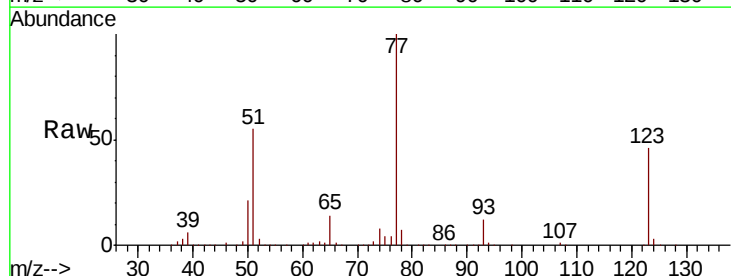
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

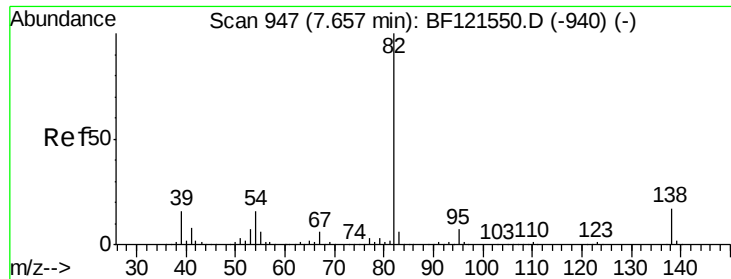
Tot Ion: 82 Resp: 1029440
 Ion Ratio Lower Upper
 82 100
 128 43.3 33.9 50.9
 54 53.5 42.9 64.3



#24
 Nitrobenzene
 Concen: 42.522 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion: 77 Resp: 556731
 Ion Ratio Lower Upper
 77 100
 123 45.6 35.8 53.8
 65 13.6 11.2 16.8





#25

Isophorone

Concen: 41.569 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

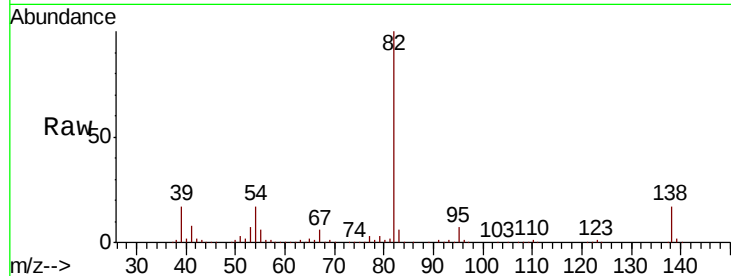
Tot Ion: 82 Resp: 1012960

Ion Ratio Lower Upper

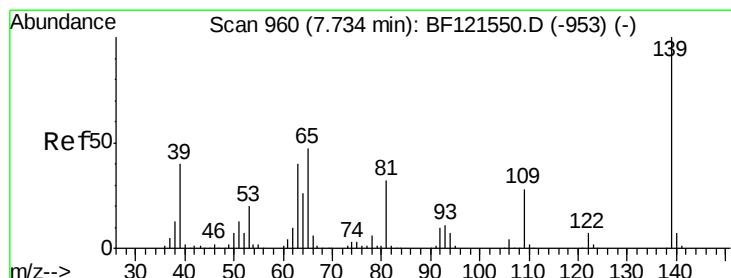
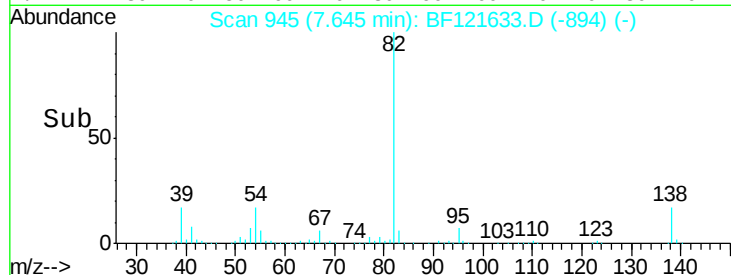
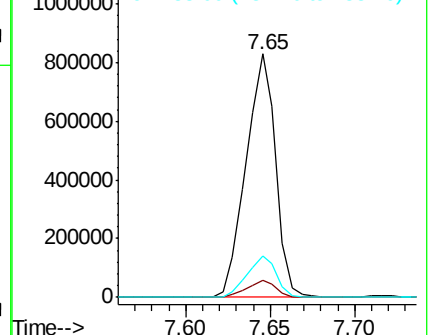
82 100

95 7.1 5.8 8.6

138 16.8 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: 44.441 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

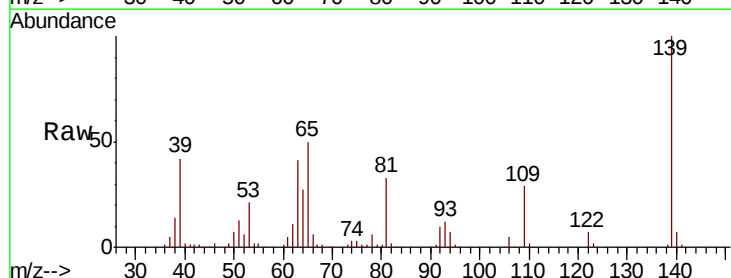
Tgt Ion: 139 Resp: 272682

Ion Ratio Lower Upper

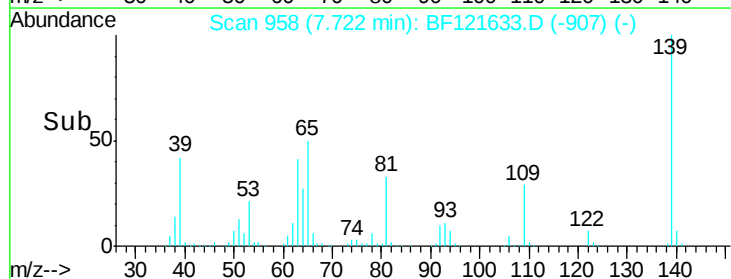
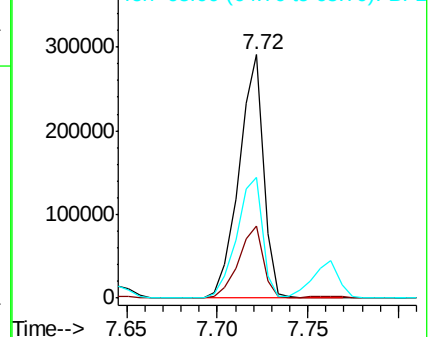
139 100

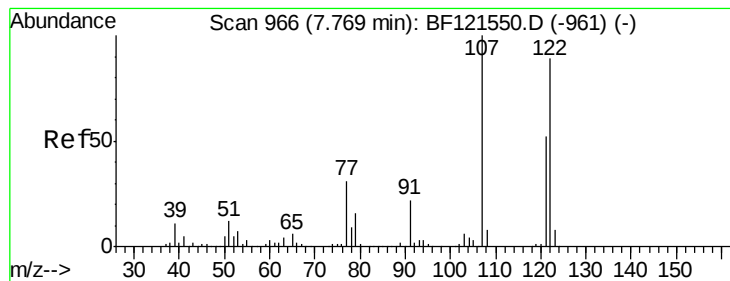
109 29.4 23.4 35.2

65 49.7 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: 41.610 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

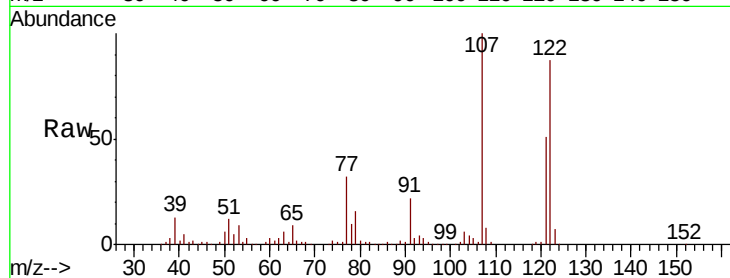
Tot Ion:122 Resp: 452609

Ion Ratio Lower Upper

122 100

107 114.4 91.4 137.0

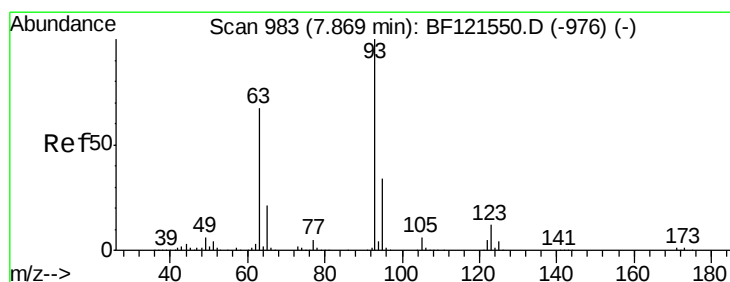
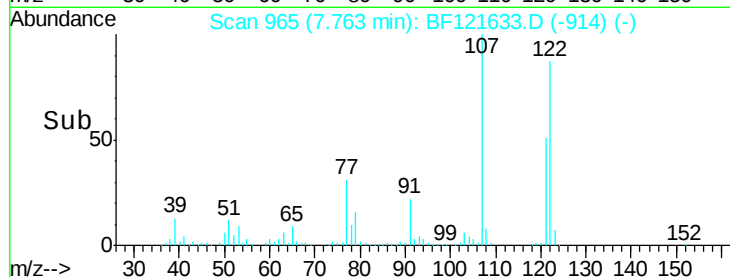
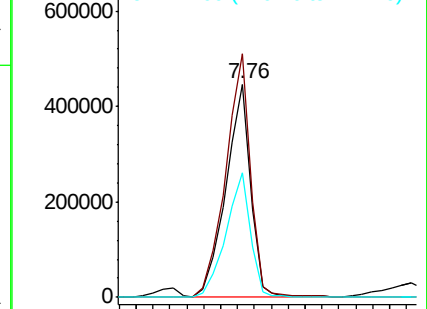
121 58.3 46.2 69.2



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: 42.091 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

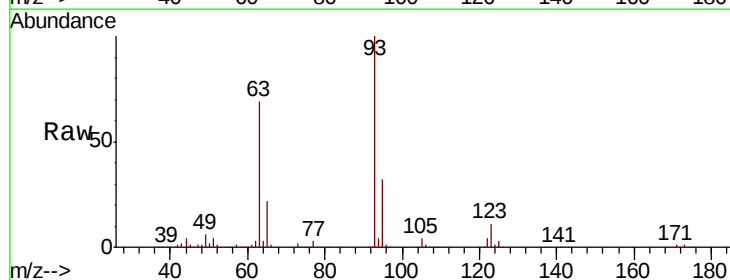
Tgt Ion: 93 Resp: 634972

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

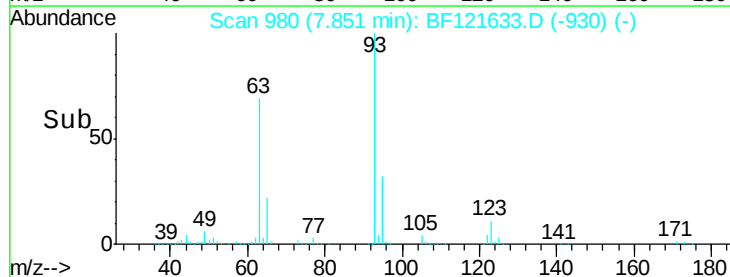
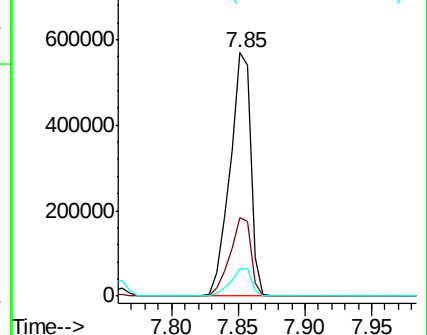
123 11.1 9.3 13.9

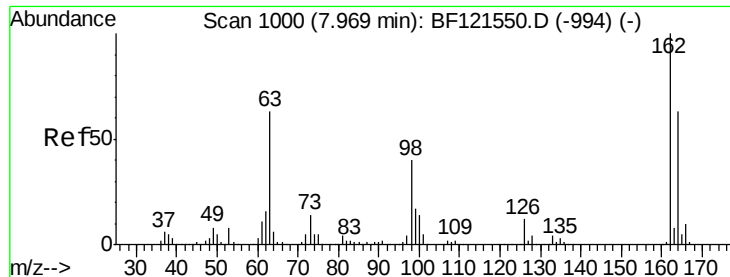


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

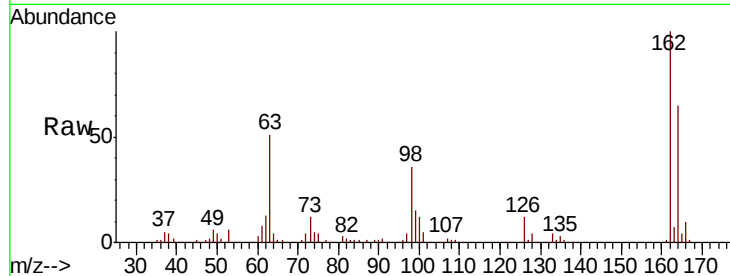




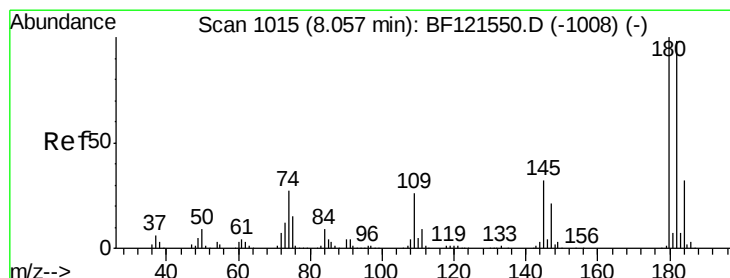
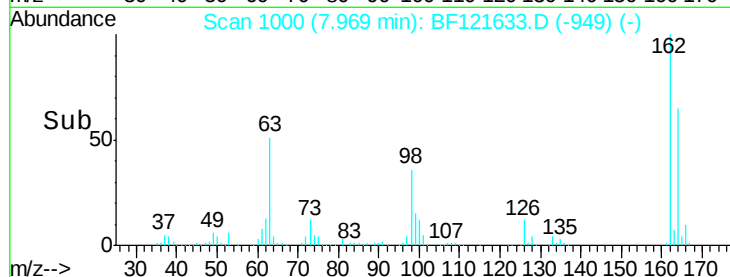
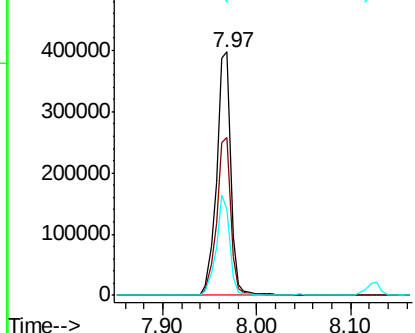
#29
 2,4-Dichlorophenol
 Concen: 43.212 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.1	84.1
98	35.5	16.7	56.7

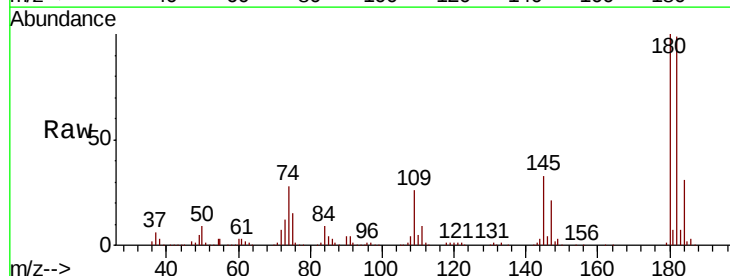


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

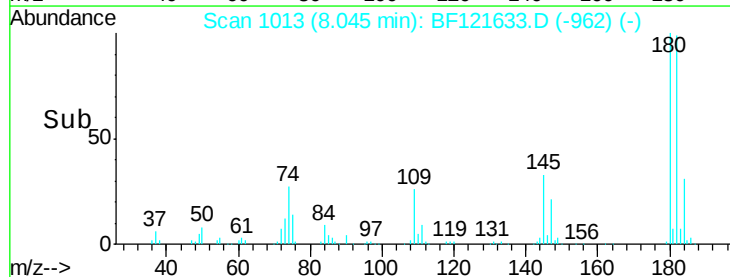
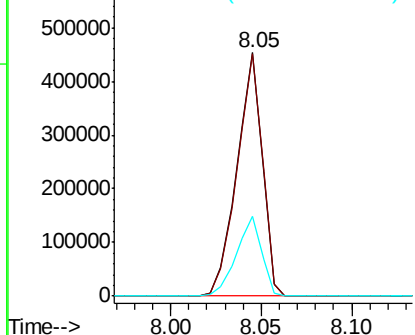


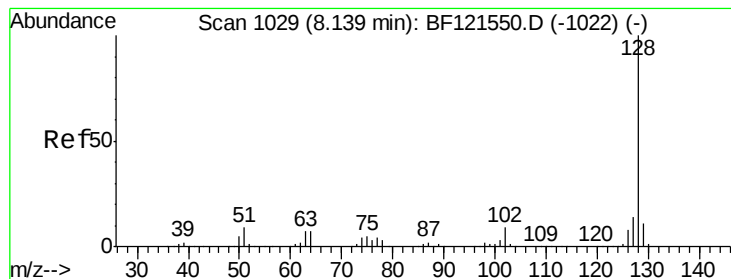
#30
 1,2,4-Trichlorobenzene
 Concen: 42.297 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	78.6	117.8
145	33.0	26.2	39.2



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





#31

Naphthalene

Concen: 41.582 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

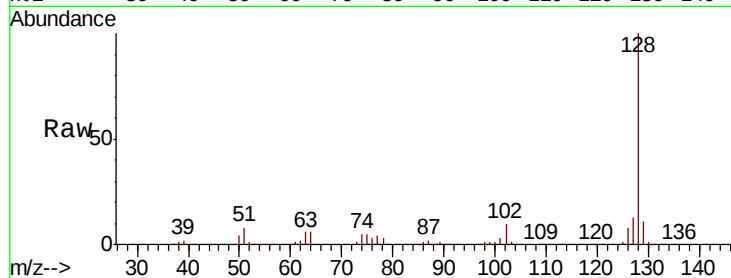
Tot Ion:128 Resp: 1426683

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

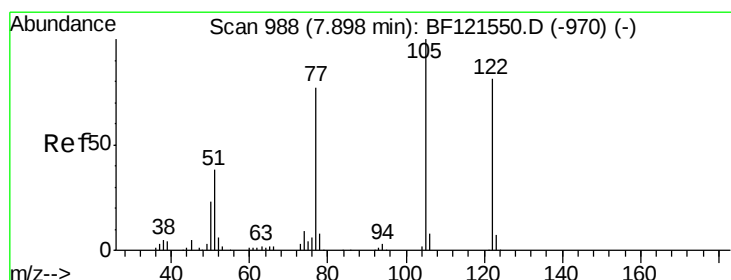
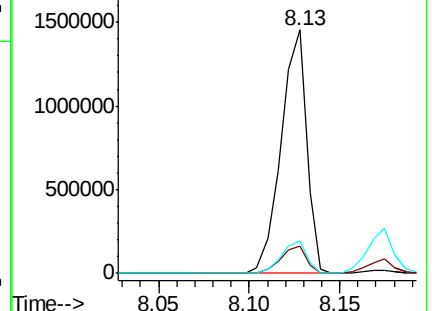
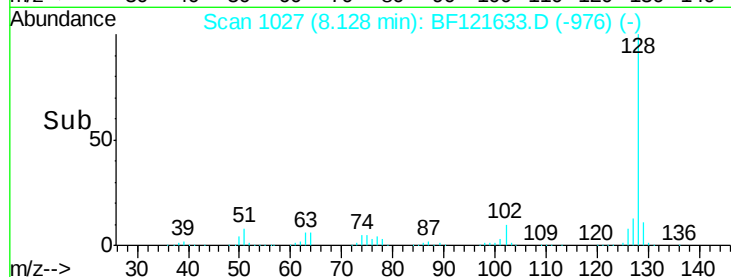
127 13.5 10.8 16.2



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: 12.288 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

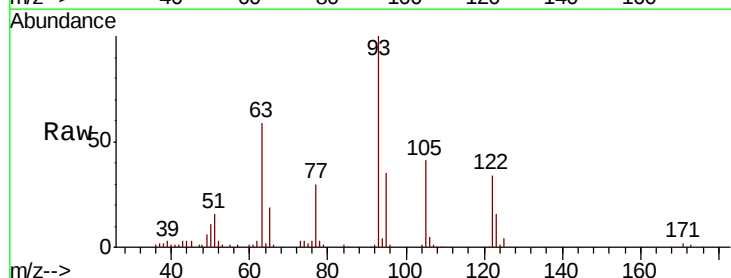
Tgt Ion:122 Resp: 50777

Ion Ratio Lower Upper

122 100

105 120.1 101.9 141.9

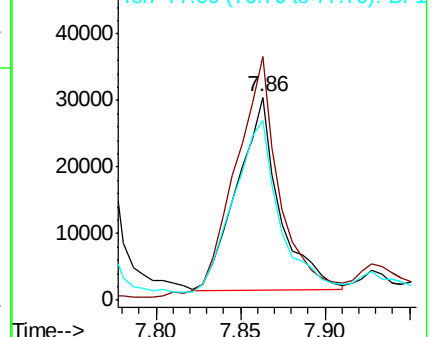
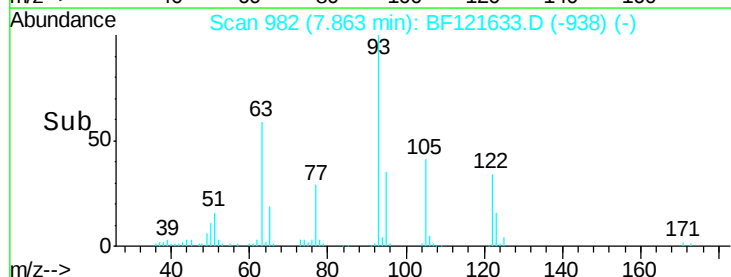
77 88.4 69.0 109.0

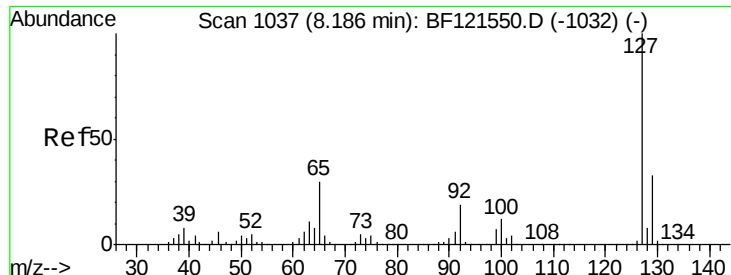


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

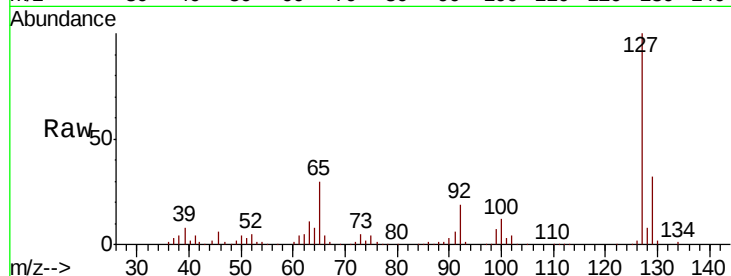




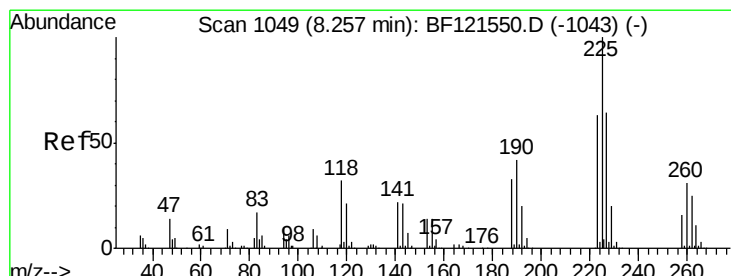
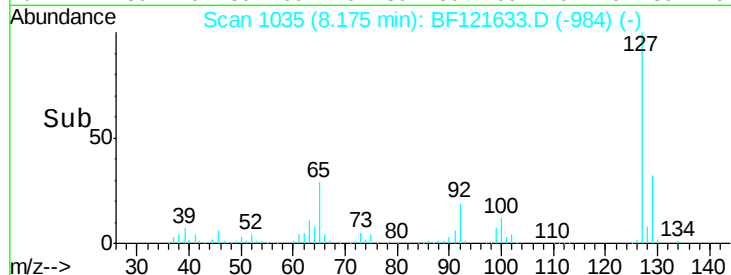
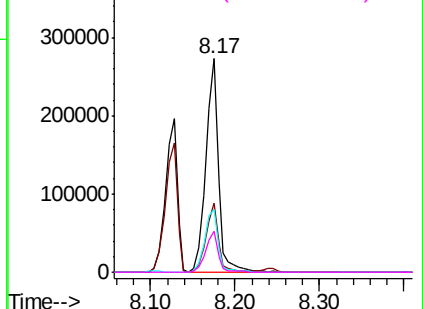
#33
4-Chloroaniline
Concen: 19.085 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

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

Tot Ion:	127	Resp:	283848
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	29.7	26.3	39.5
92	19.0	16.2	24.4

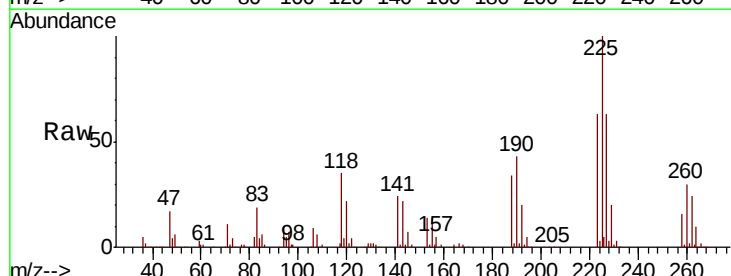


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

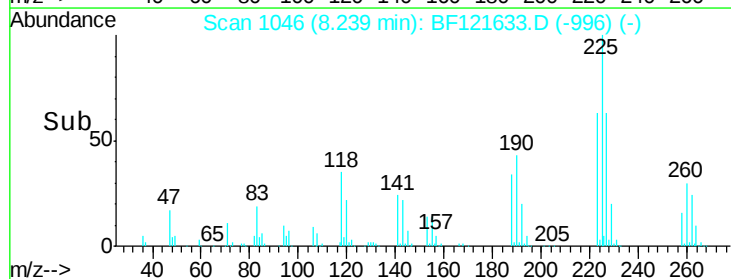
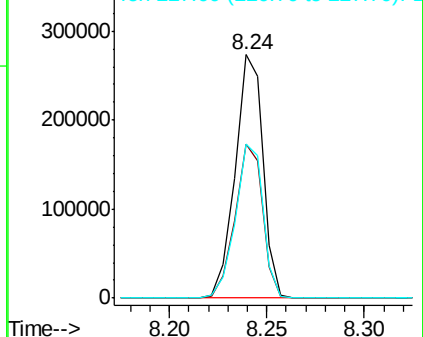


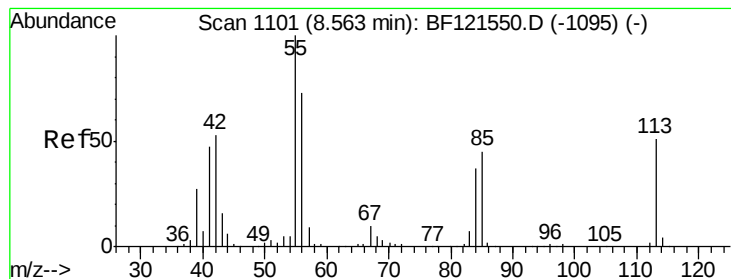
#34
Hexachlorobutadiene
Concen: 43.895 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:	225	Resp:	268836
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.2
227	63.3	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: 25.270 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

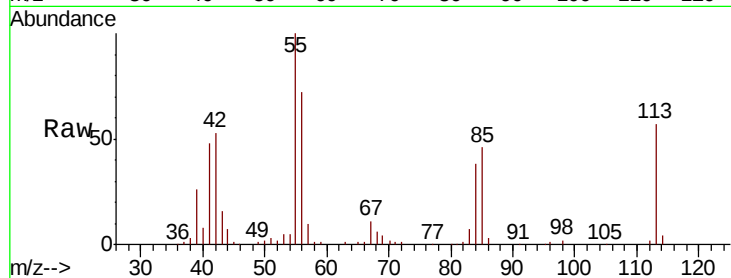
Tot Ion:113 Resp: 83372

Ion Ratio Lower Upper

113 100

55 176.5 166.3 206.3

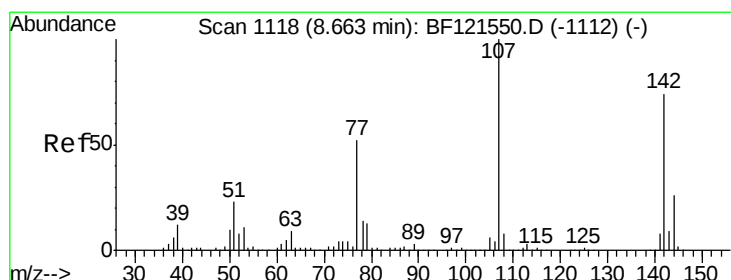
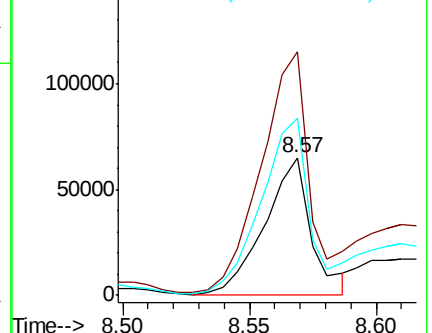
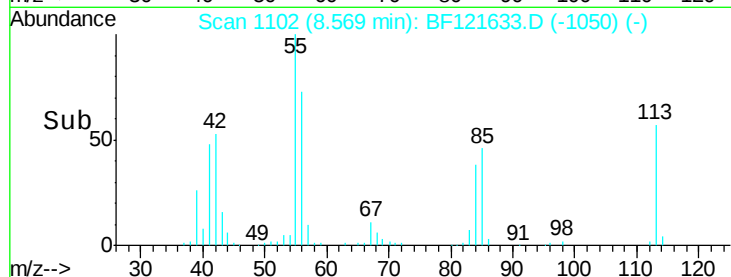
56 127.9 118.7 158.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.877 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

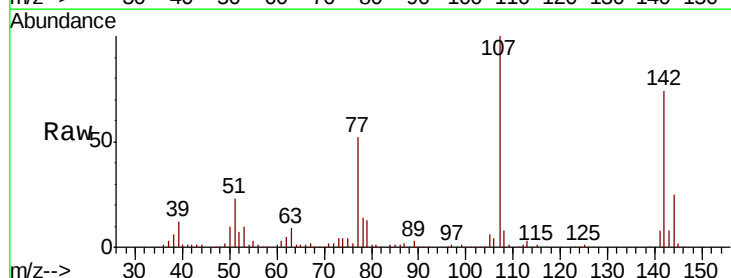
Tgt Ion:107 Resp: 478951

Ion Ratio Lower Upper

107 100

144 24.9 20.6 31.0

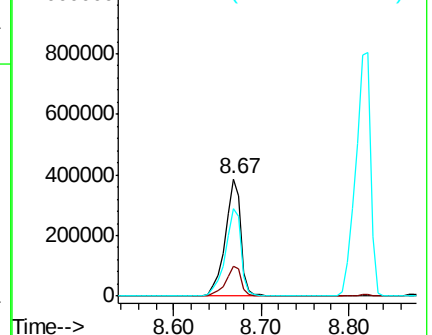
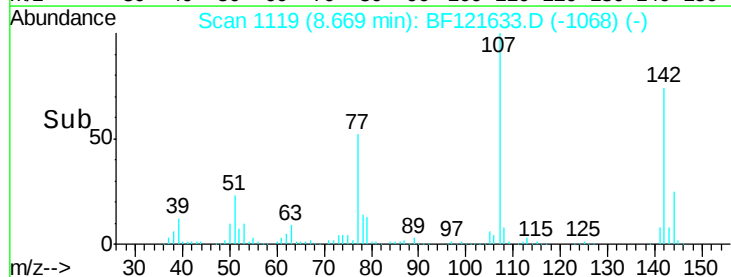
142 74.2 61.7 92.5

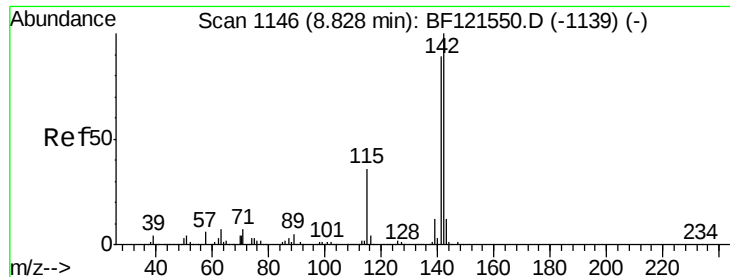


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

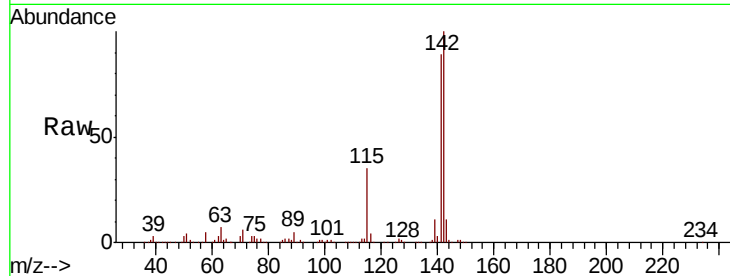




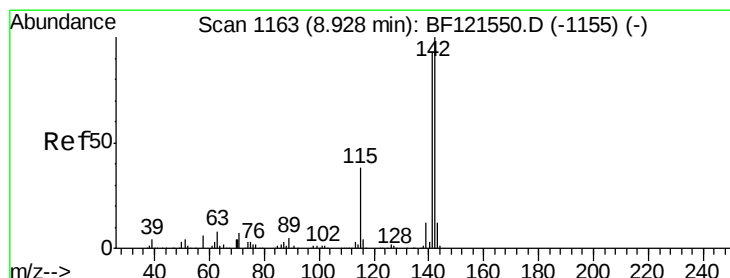
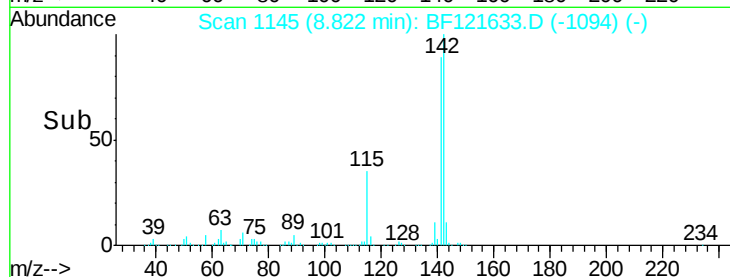
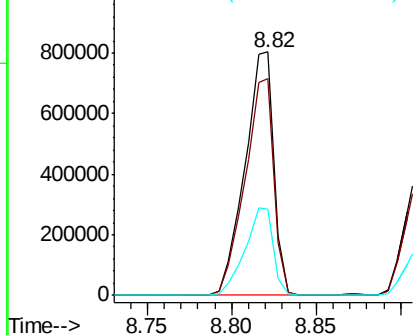
#37
2-Methylnaphthalene
Concen: 42.969 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.2	108.2
115	35.4	28.5	42.7

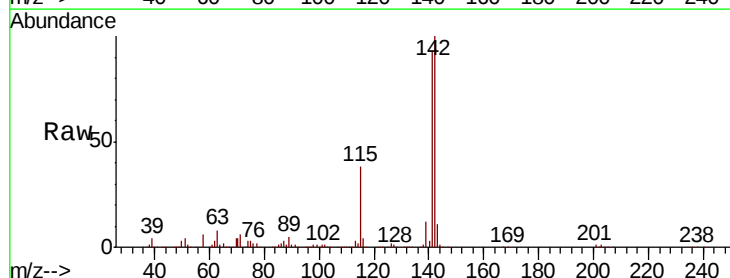


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

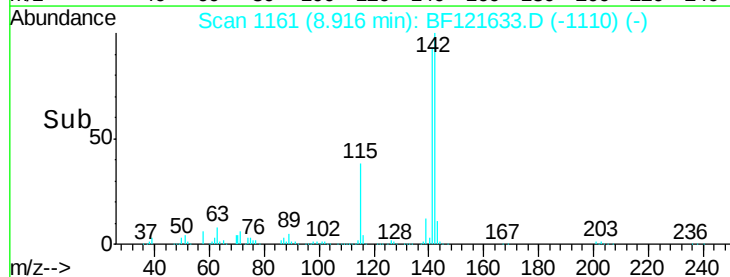
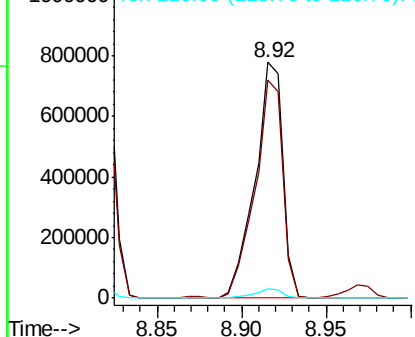


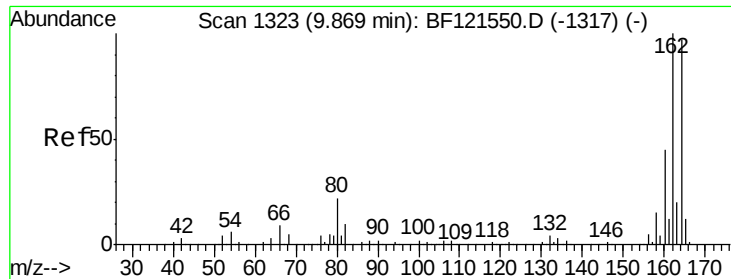
#38
1-Methylnaphthalene
Concen: 42.396 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.8	110.8
116	4.0	3.3	4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

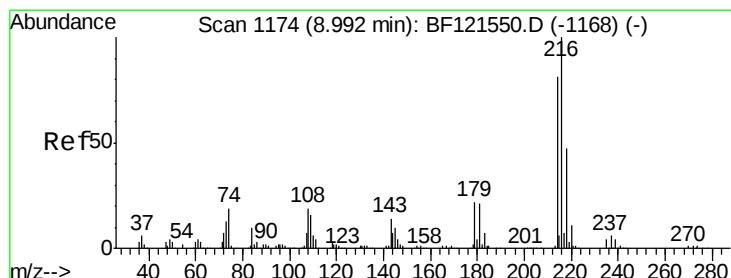
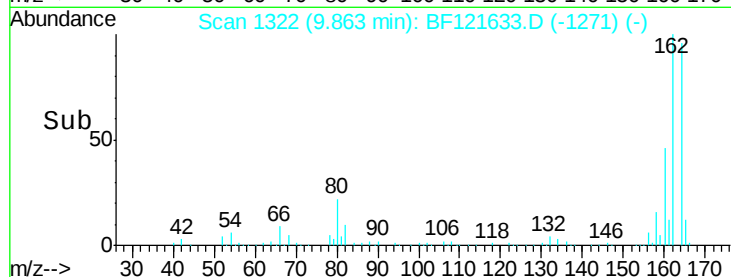
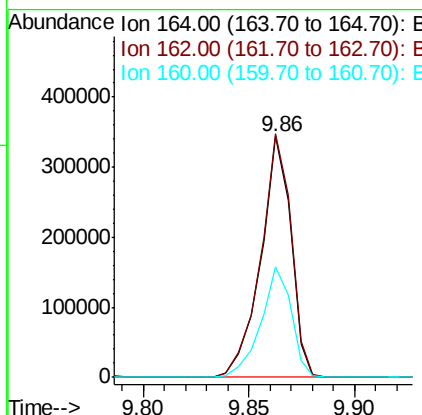
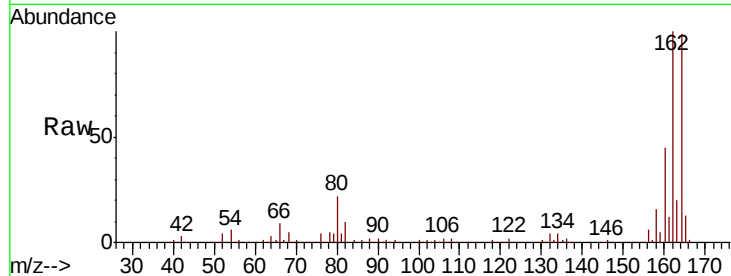




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

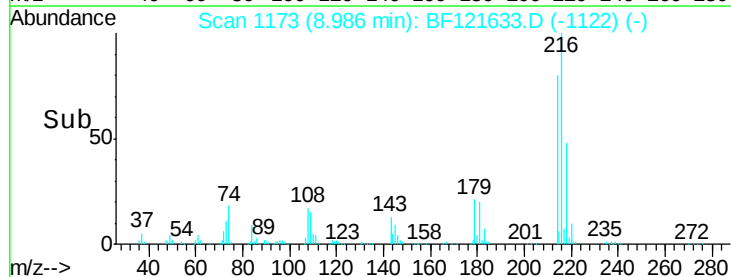
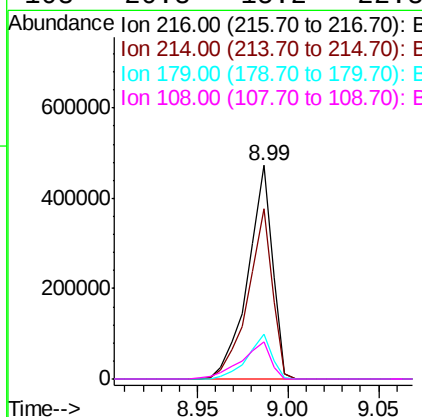
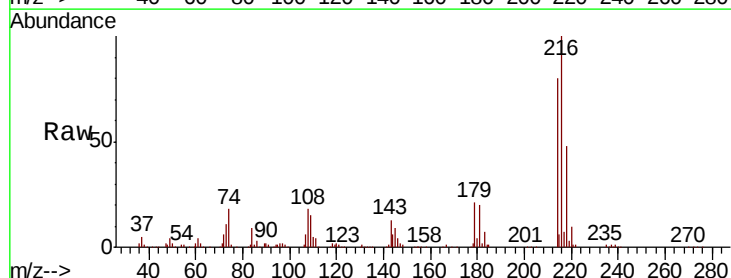
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

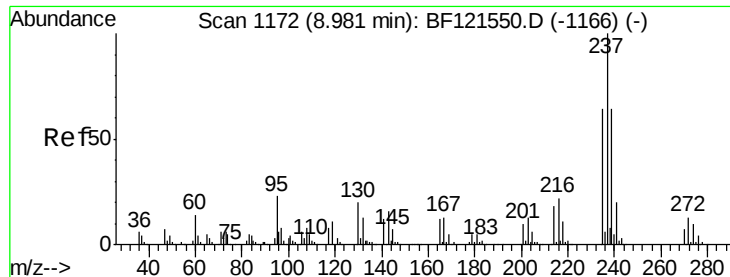
Tot Ion:164 Resp: 342004
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 46.0 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.808 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:216 Resp: 446640
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.4
179 20.8 16.6 24.8
108 20.8 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 69.235 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

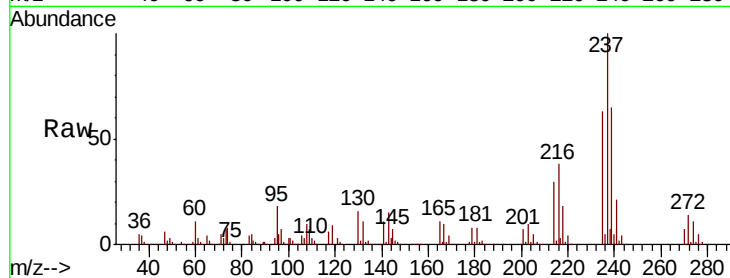
Tot Ion:237 Resp: 422390

Ion Ratio Lower Upper

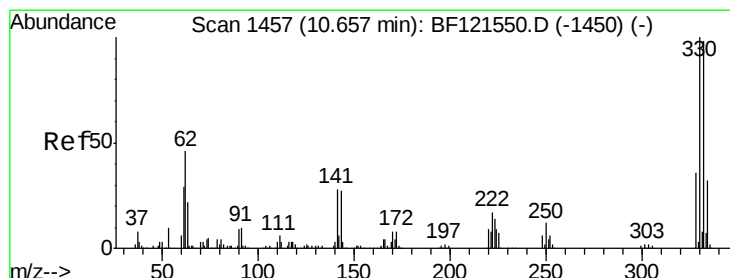
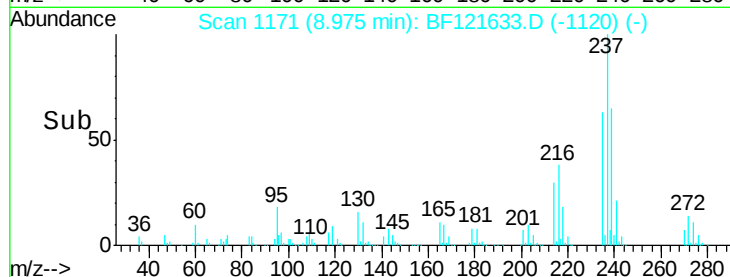
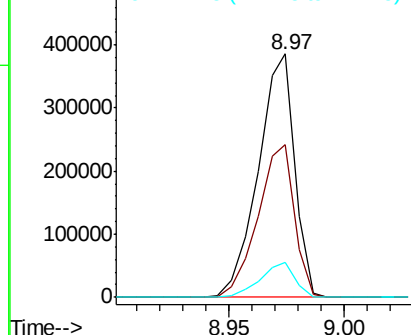
237 100

235 62.8 43.4 83.4

272 14.1 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 114.681 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

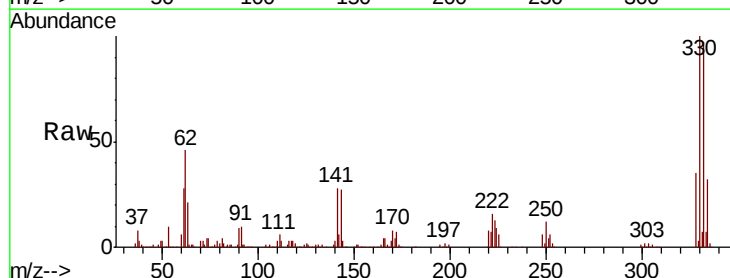
Tgt Ion:330 Resp: 487469

Ion Ratio Lower Upper

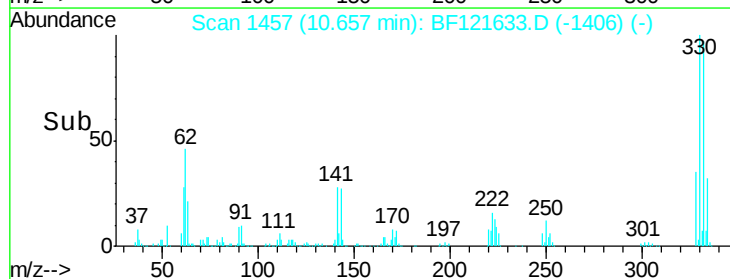
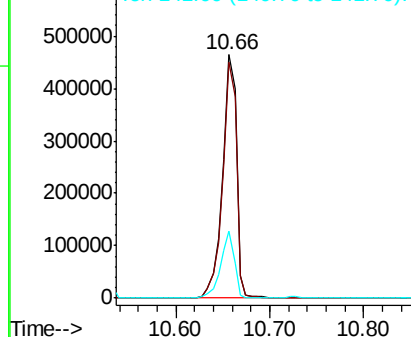
330 100

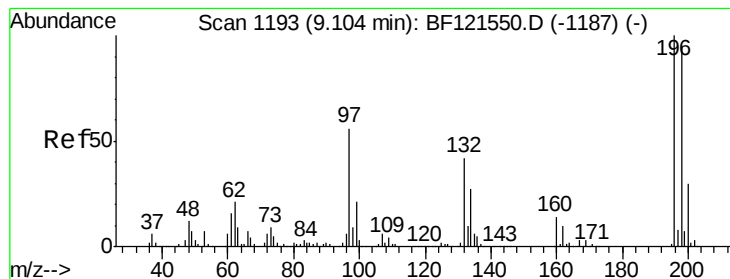
332 96.5 76.9 115.3

141 27.0 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.736 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

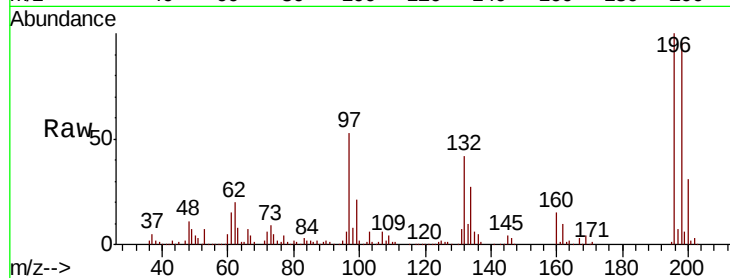
Tot Ion:196 Resp: 318471

Ion Ratio Lower Upper

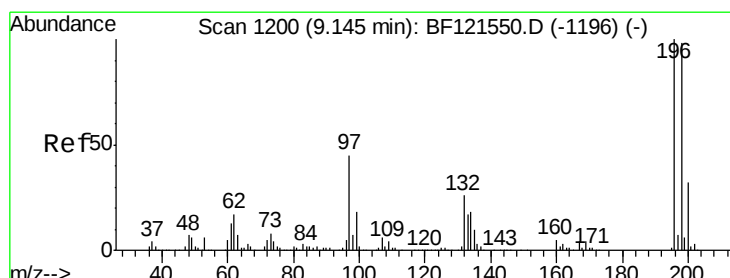
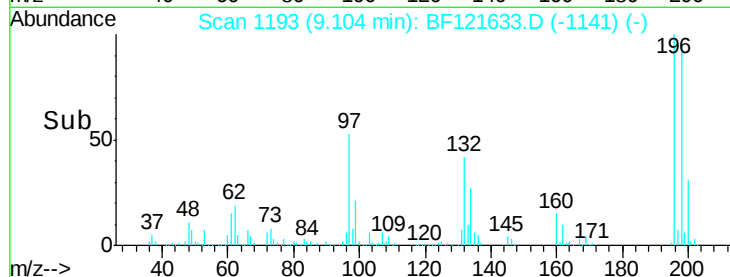
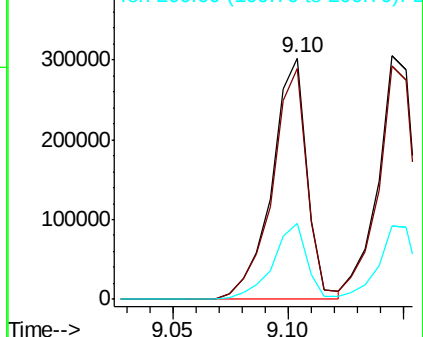
196 100

198 96.0 75.4 113.2

200 31.4 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.195 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Tgt Ion:196 Resp: 332513

Ion Ratio Lower Upper

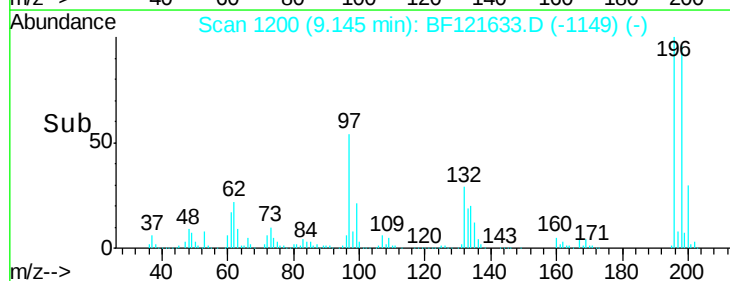
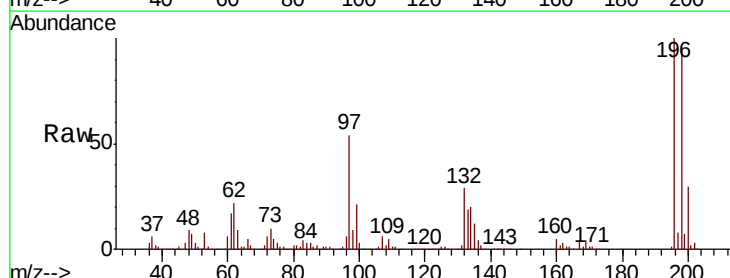
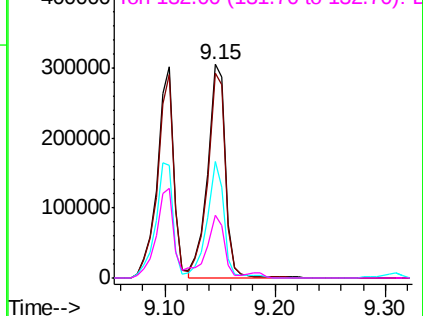
196 100

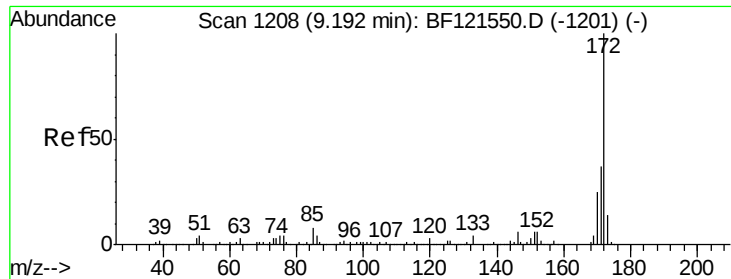
198 96.0 74.3 111.5

97 54.4 44.2 66.2

132 29.3 23.4 35.0

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

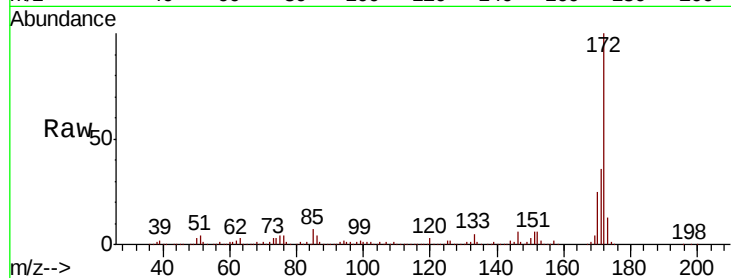




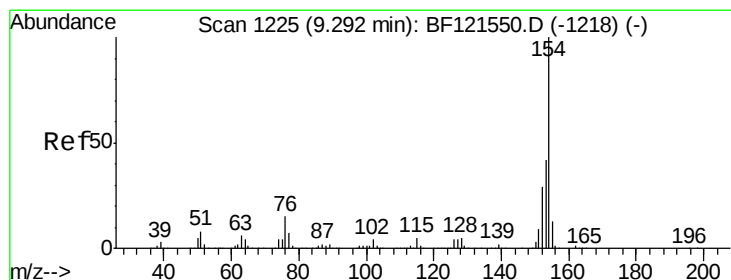
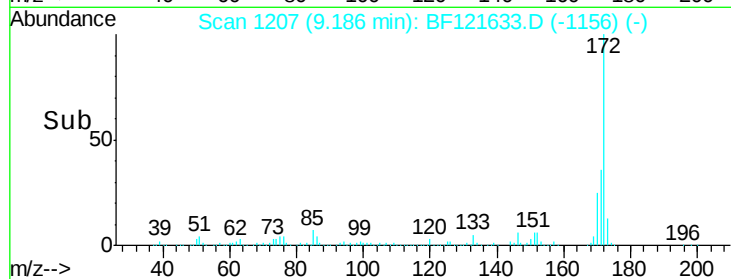
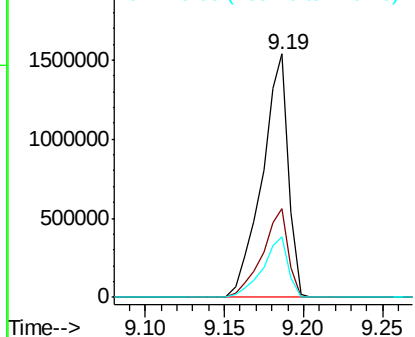
#45
2-Fluorobiphenyl
Concen: 78.729 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

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

Tot Ion:172 Resp: 1777810
Ion Ratio Lower Upper
172 100
171 36.5 29.3 43.9
170 24.8 19.5 29.3

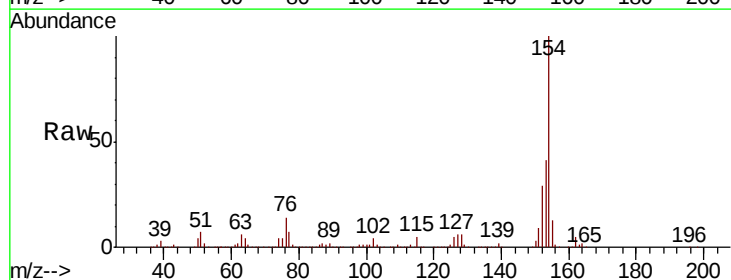


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

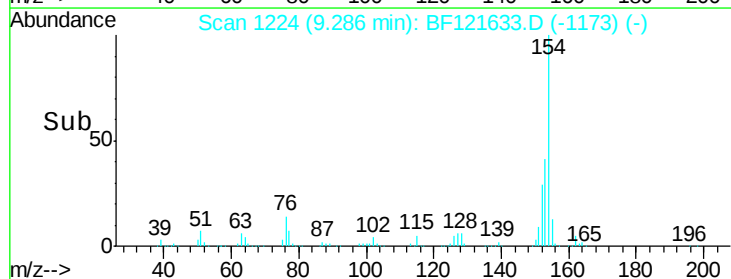
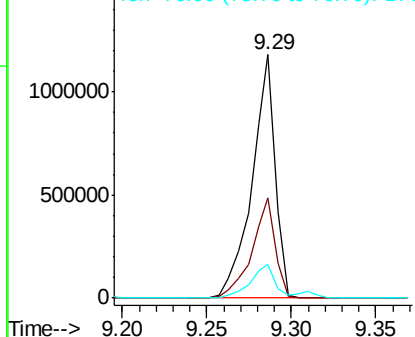


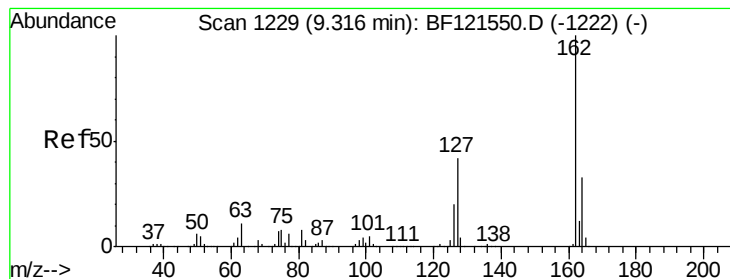
#46
1,1'-Biphenyl
Concen: 41.350 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:154 Resp: 1132161
Ion Ratio Lower Upper
154 100
153 41.0 21.1 61.1
76 14.0 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: 40.633 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

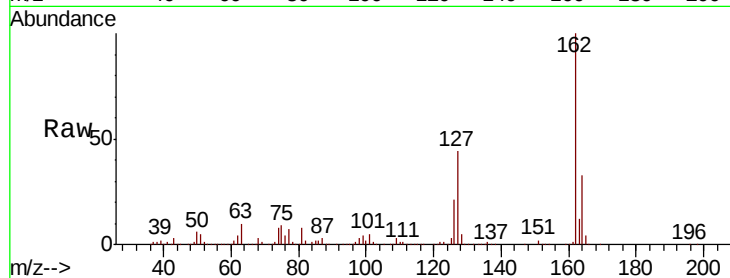
Tot Ion:162 Resp: 876693

Ion Ratio Lower Upper

162 100

127 43.6 34.2 51.4

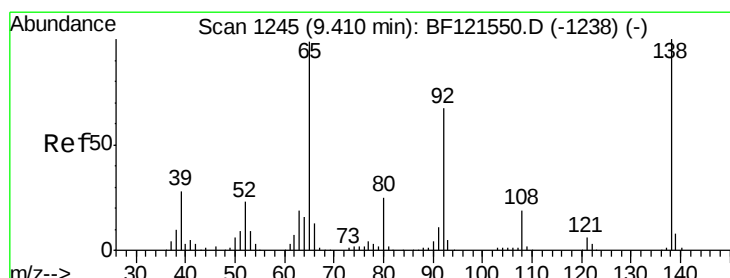
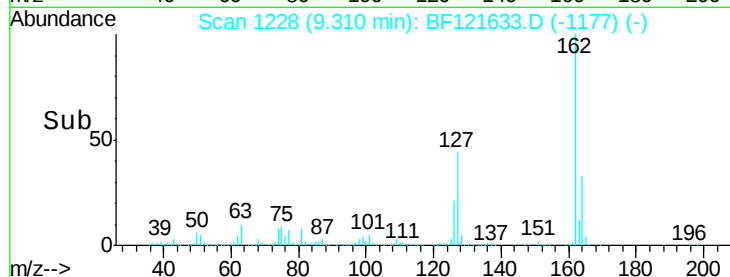
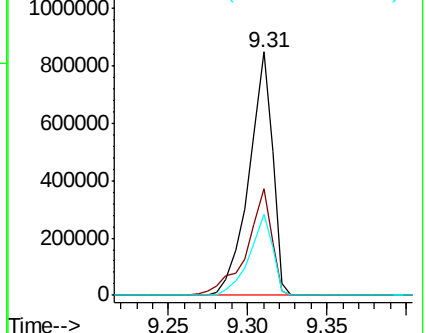
164 33.2 27.0 40.4



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: 46.928 ng

RT: 9.41 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

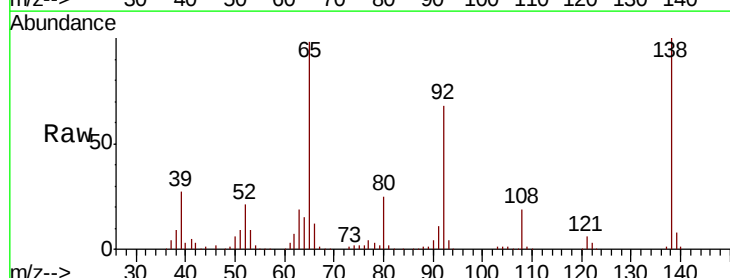
Tgt Ion: 65 Resp: 314641

Ion Ratio Lower Upper

65 100

92 69.6 56.0 84.0

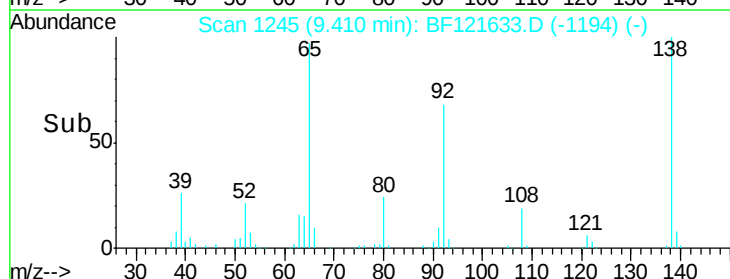
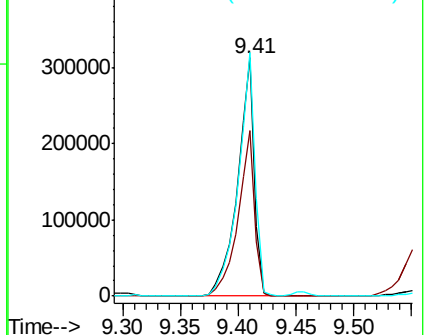
138 102.3 84.7 127.1

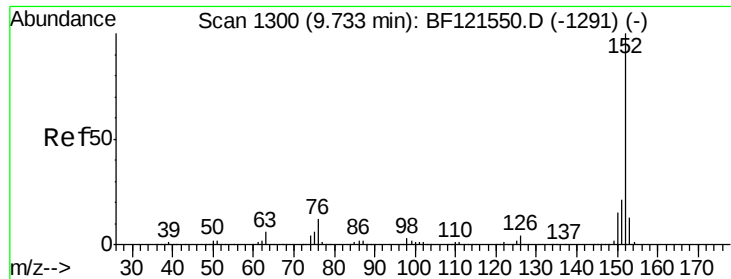


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.066 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

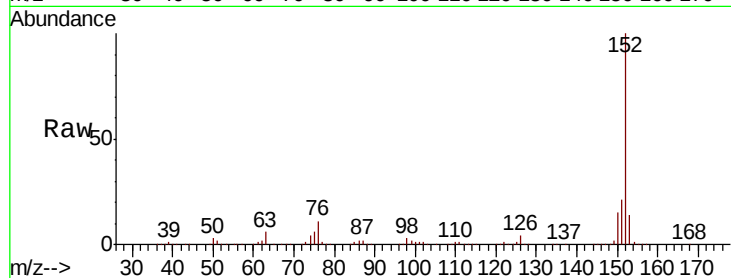
Tot Ion:152 Resp: 1394511

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

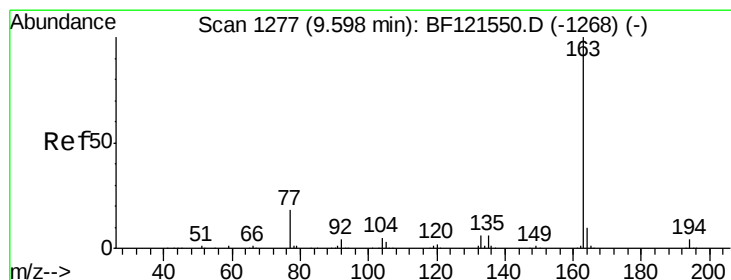
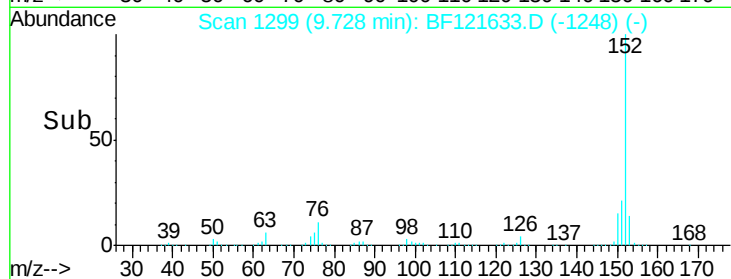
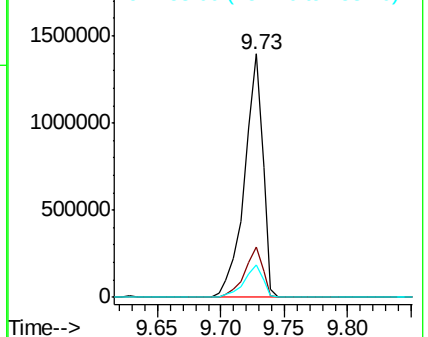
153 13.5 10.7 16.1



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: 53.610 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

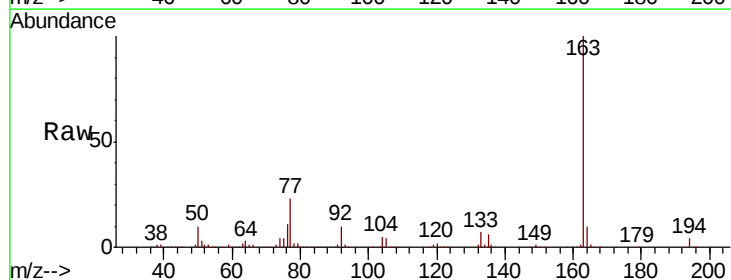
Tgt Ion:163 Resp: 1328893

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

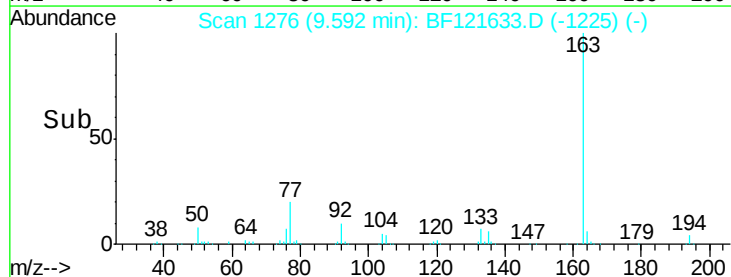
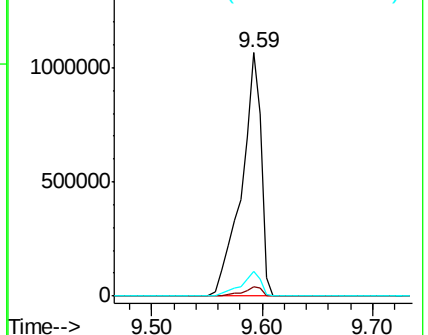
164 10.4 8.0 12.0

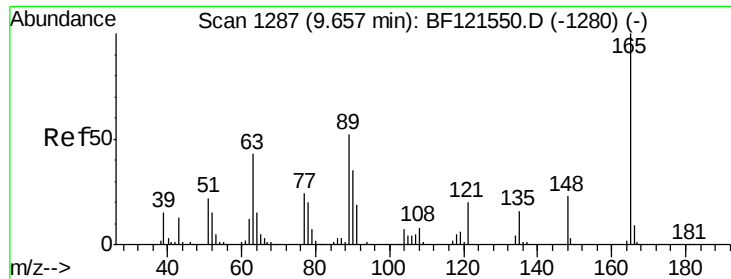


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.927 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

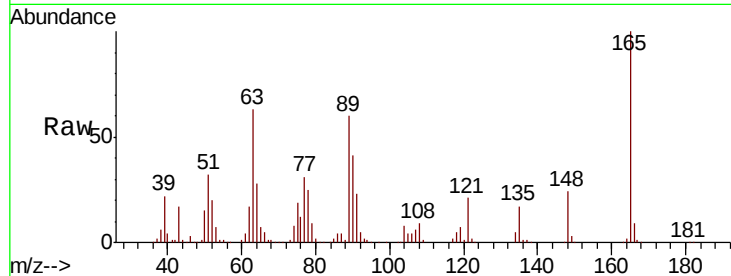
Tot Ion:165 Resp: 247730

Ion Ratio Lower Upper

165 100

63 62.6 47.6 71.4

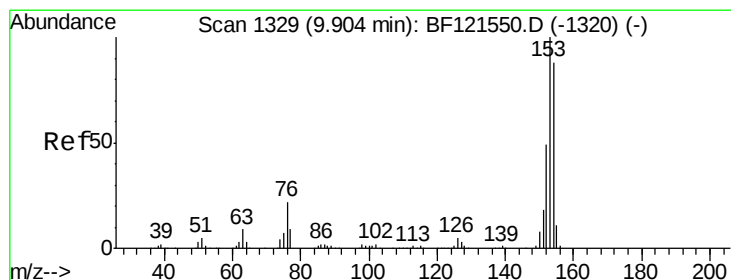
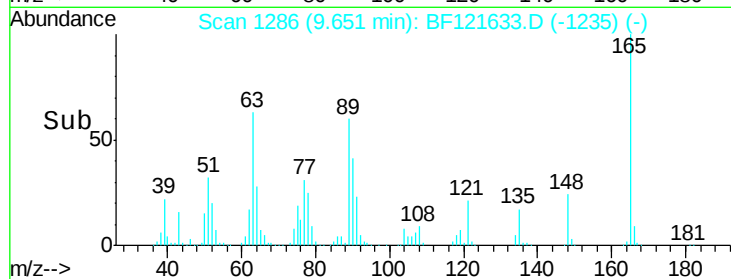
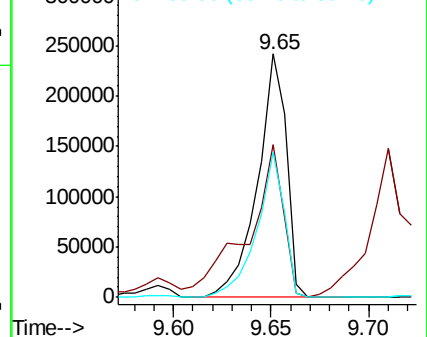
89 59.7 46.0 69.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.276 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

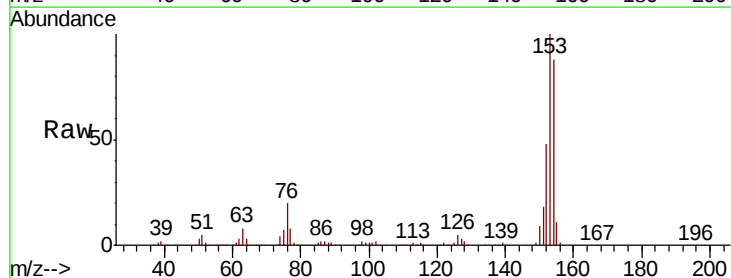
Tgt Ion:154 Resp: 822382

Ion Ratio Lower Upper

154 100

153 114.0 89.9 134.9

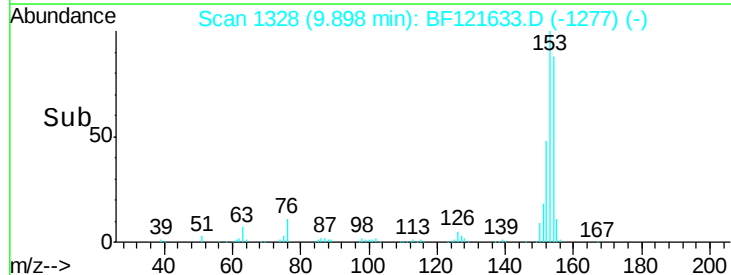
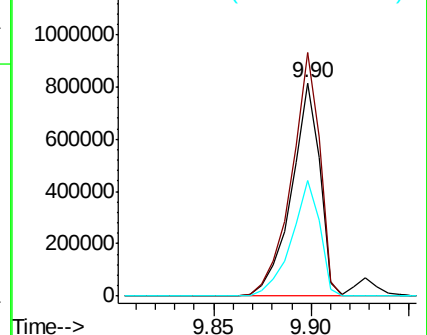
152 54.4 43.8 65.6

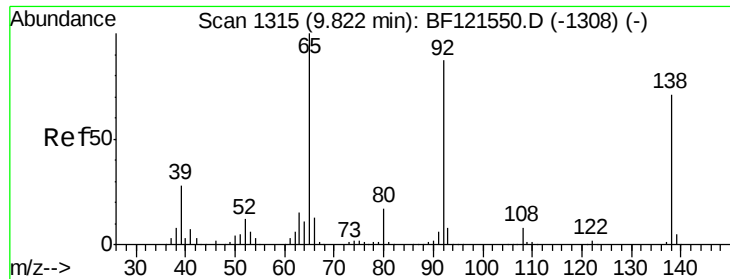


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

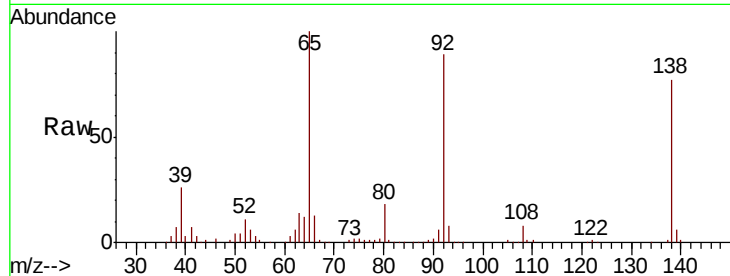




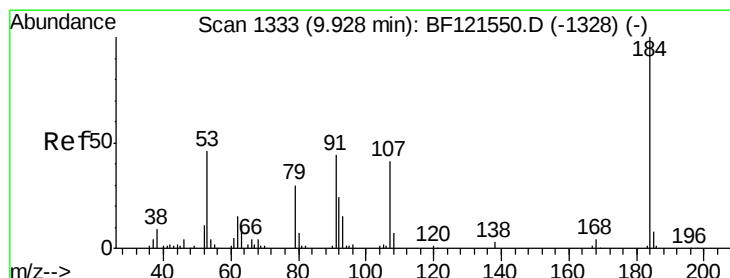
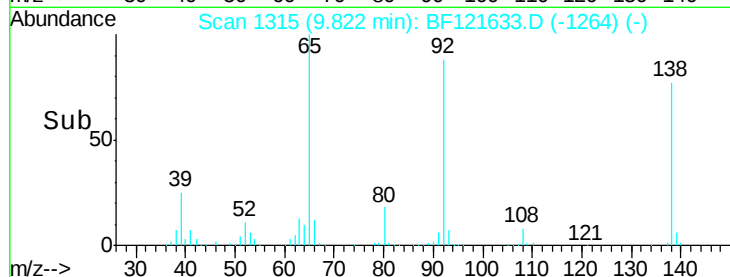
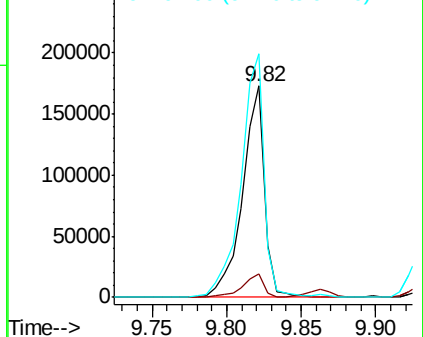
#53
3-Nitroaniline
Concen: 29.080 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

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

Tot Ion:138 Resp: 177834
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 115.2 96.5 144.7

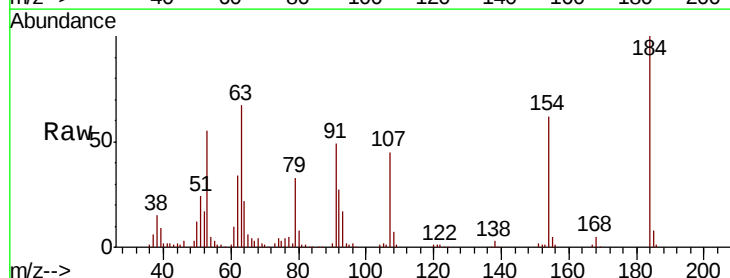


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

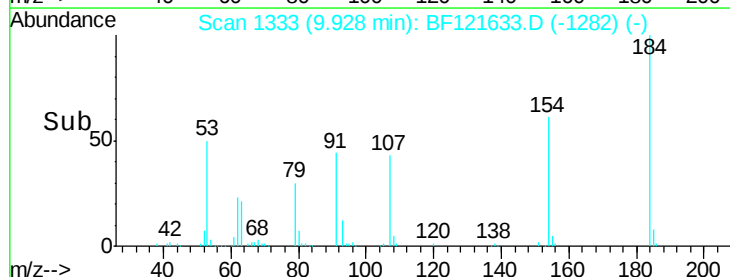
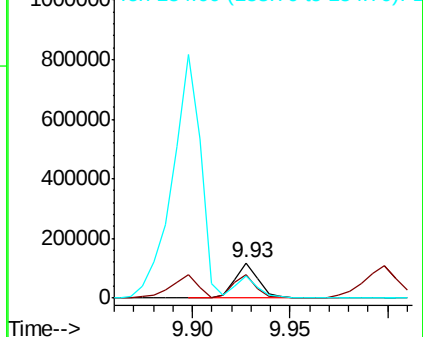


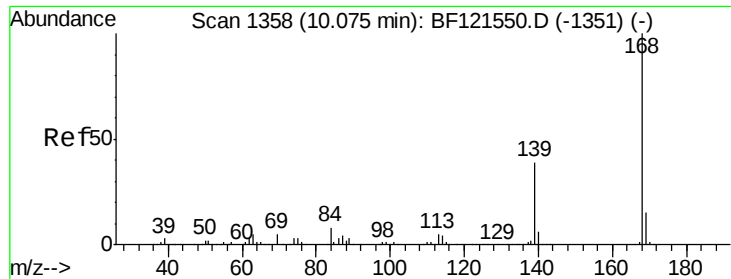
#54
2,4-Dinitrophenol
Concen: 38.570 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:184 Resp: 101352
Ion Ratio Lower Upper
184 100
63 66.9 51.5 77.3
154 61.6 46.6 70.0



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





#55

Dibenzenofuran

Concen: 41.755 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

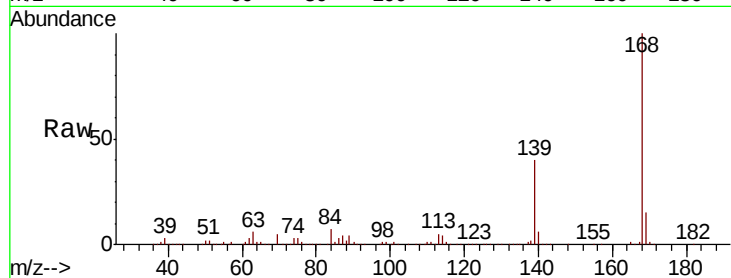
Tot Ion:168 Resp: 1231227

Ion Ratio Lower Upper

168 100

139 39.8 31.8 47.8

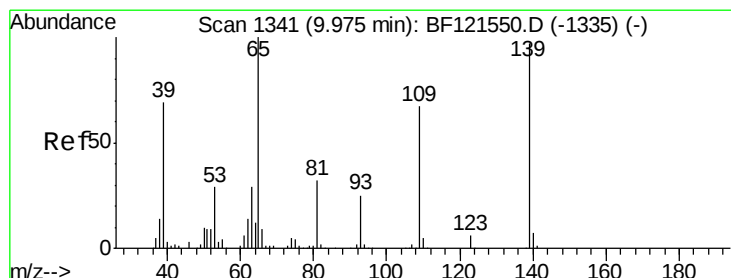
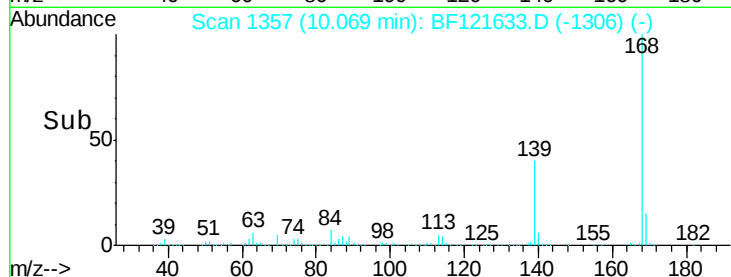
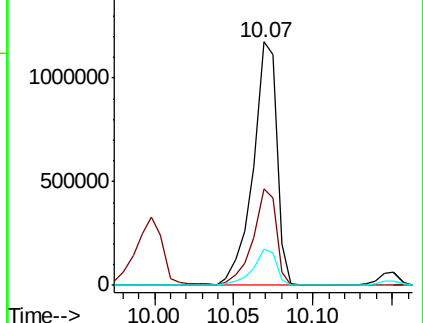
169 14.6 11.6 17.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.793 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

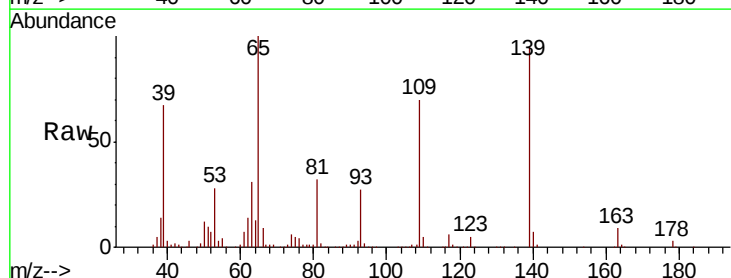
Tgt Ion:139 Resp: 394028

Ion Ratio Lower Upper

139 100

109 73.3 48.1 88.1

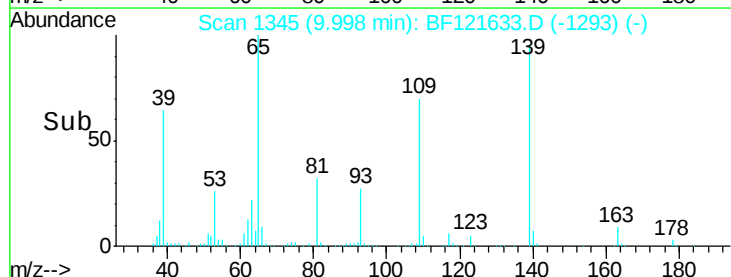
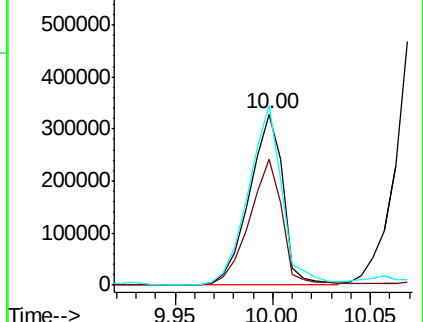
65 105.3 74.7 114.7

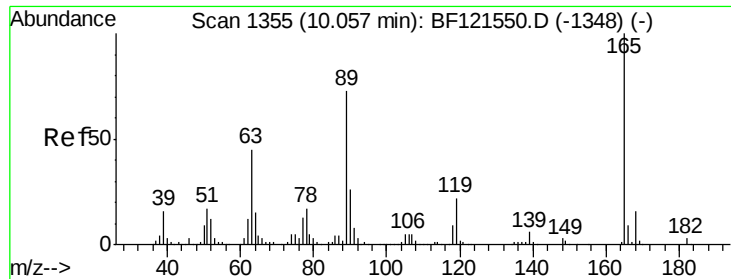


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

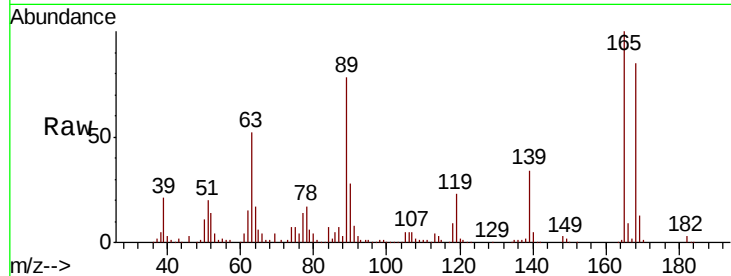




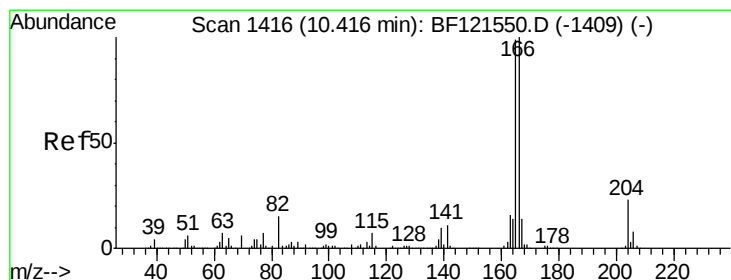
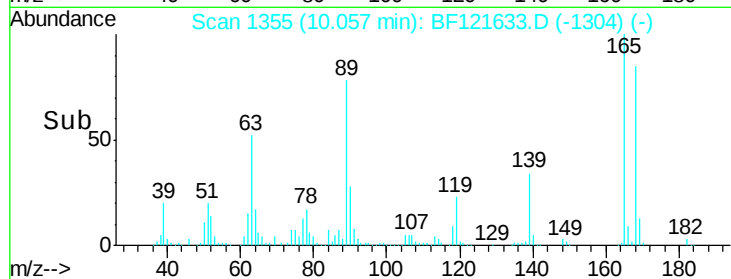
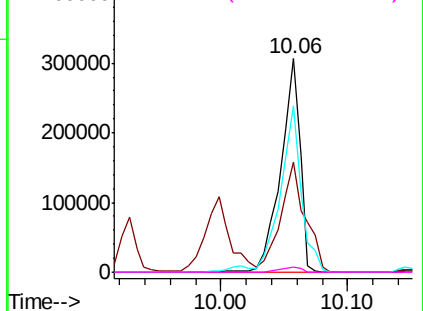
#57
2,4-Dinitrotoluene
Concen: 48.803 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.7	36.7	55.1
89	77.8	57.7	86.5
182	2.7	2.1	3.1

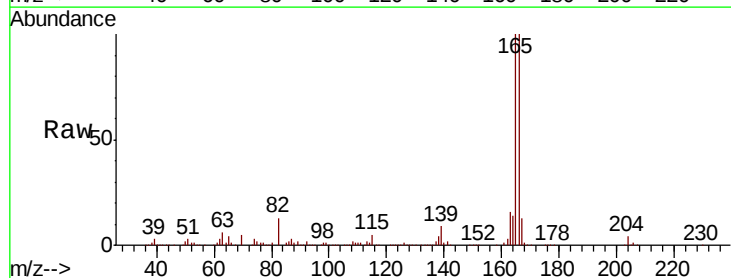


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

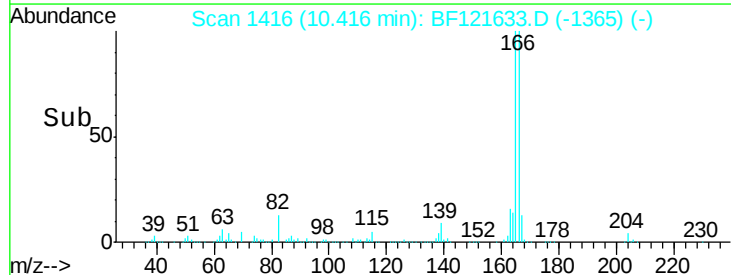
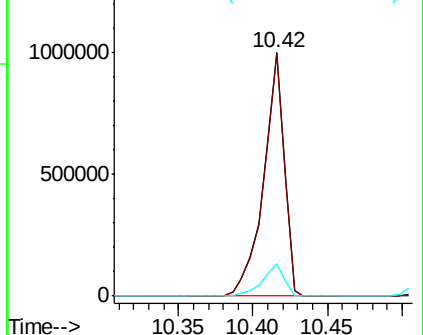


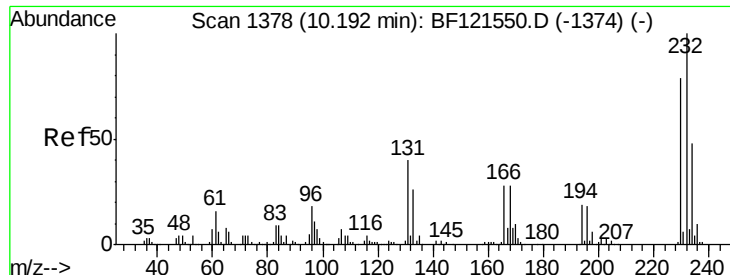
#58
Fluorene
Concen: 42.105 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.1	120.1
167	13.5	10.8	16.2



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

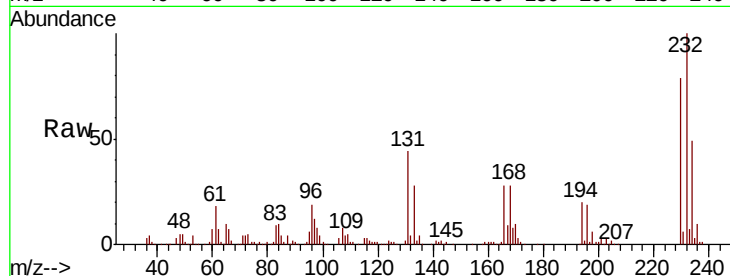




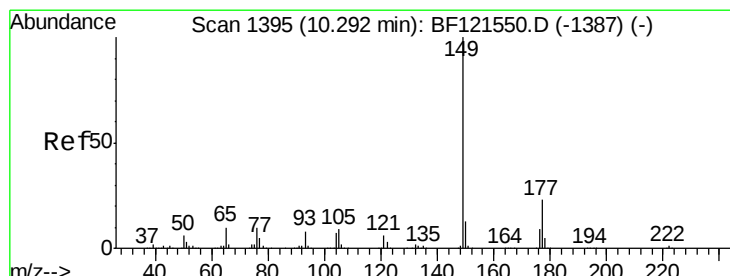
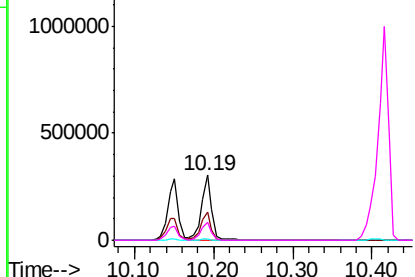
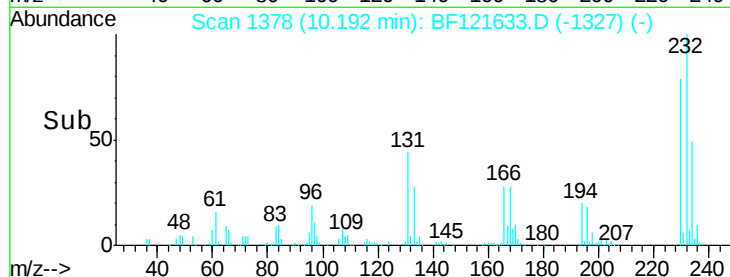
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.891 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

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

Tot Ion:	232	Resp:	274680
Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.1	52.7
130	2.1	1.6	2.4
166	28.2	23.3	34.9

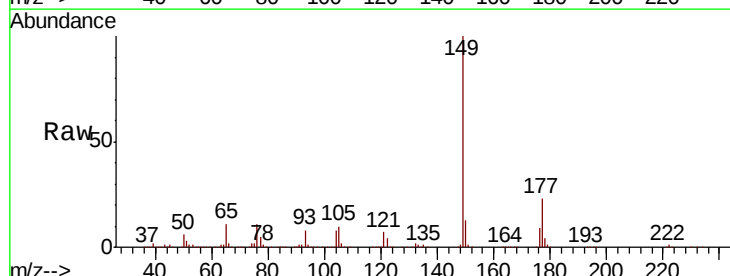


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

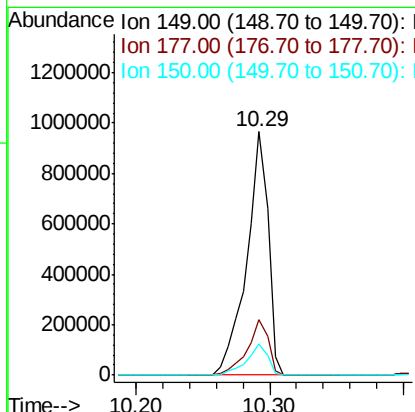
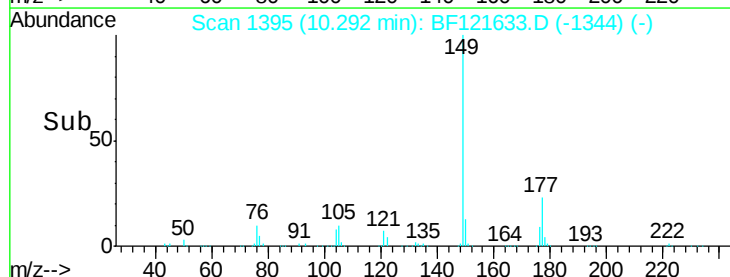


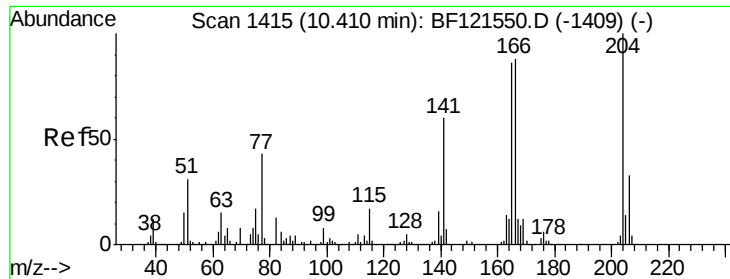
#60
 Diethylphthalate
 Concen: 43.953 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion:	149	Resp:	1062251
Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.1	27.1
150	13.0	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

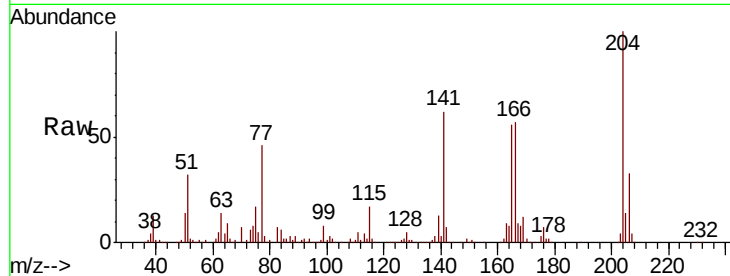




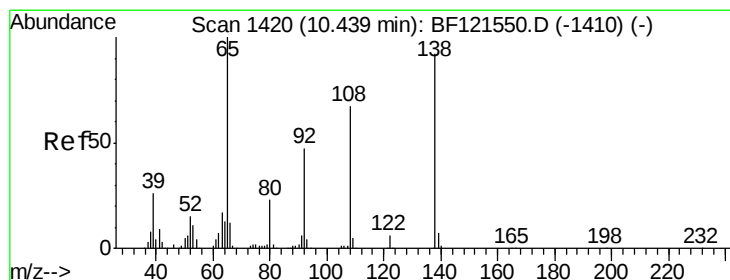
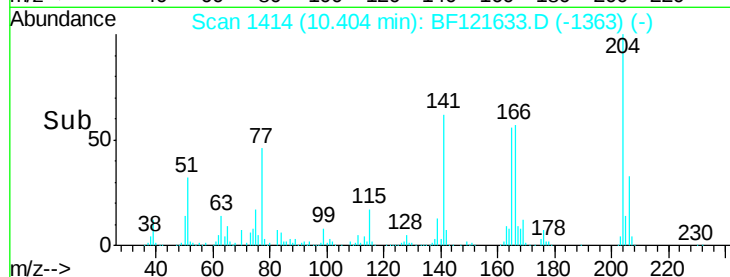
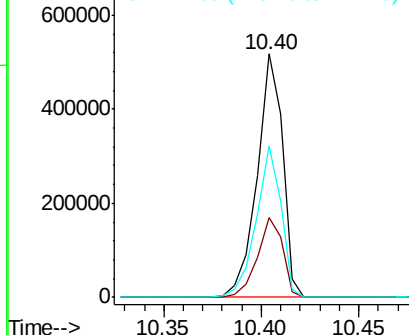
#61
4-Chlorophenyl-phenylether
Concen: 43.315 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

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

Tot Ion:204 Resp: 467886
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 62.2 50.4 75.6

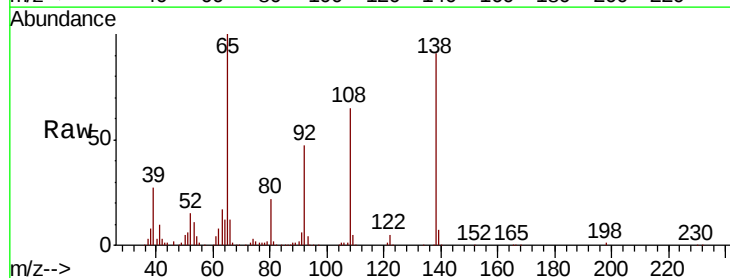


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

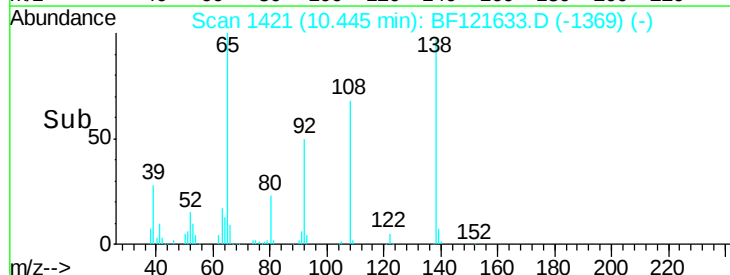
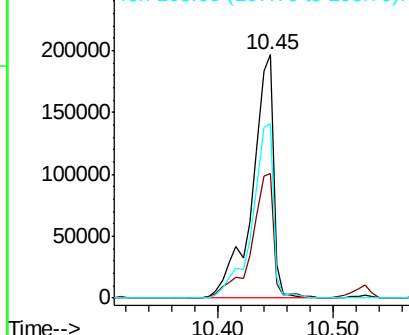


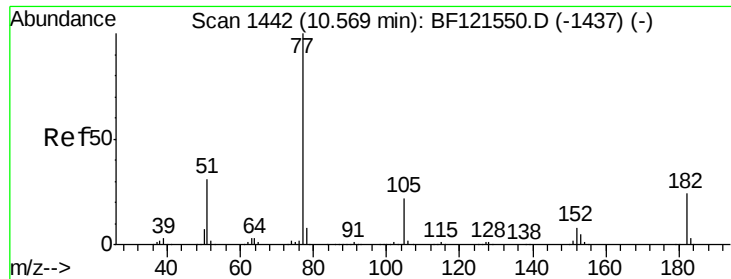
#62
4-Nitroaniline
Concen: 42.103 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:138 Resp: 255651
Ion Ratio Lower Upper
138 100
92 50.9 34.8 74.8
108 71.4 55.5 95.5



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





#63

Azobenzene

Concen: 41.780 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

Tot Ion: 77 Resp: 1075273

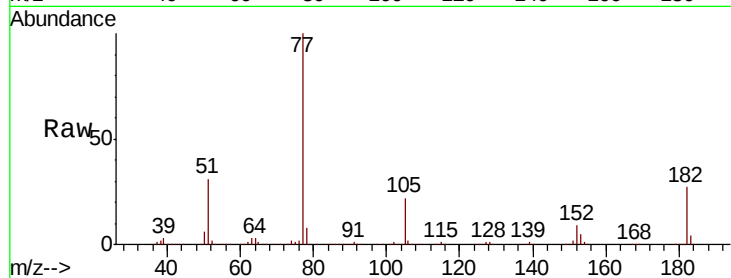
Ion Ratio Lower Upper

77 100

182 27.0 6.8 46.8

105 22.2 2.2 42.2

51 30.5 10.7 50.7

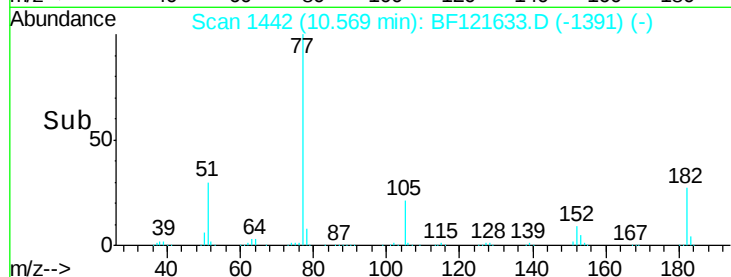


Abundance Ion 77.00 (76.70 to 77.70): BF1

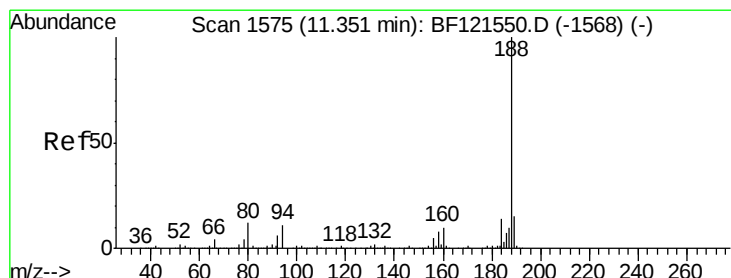
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time--> 10.50 10.55 10.60



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

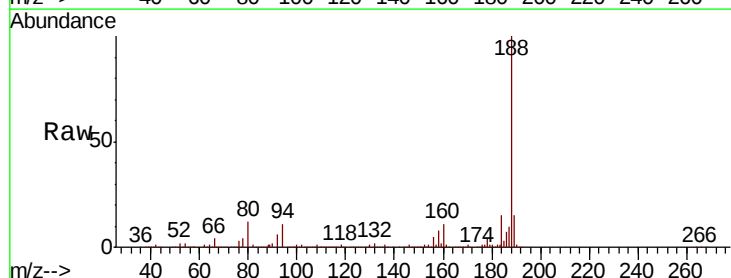
Tgt Ion: 188 Resp: 640370

Ion Ratio Lower Upper

188 100

94 10.9 8.4 12.6

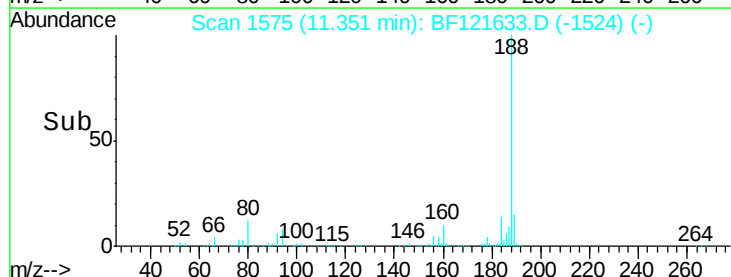
80 12.0 9.0 13.4



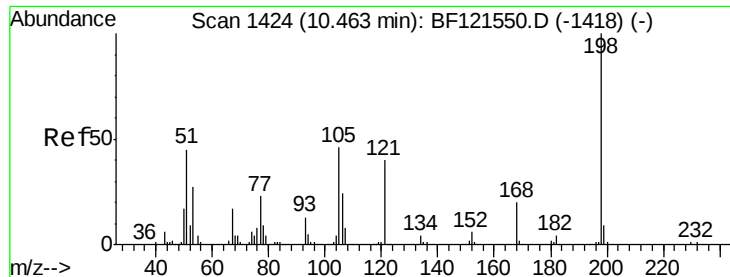
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



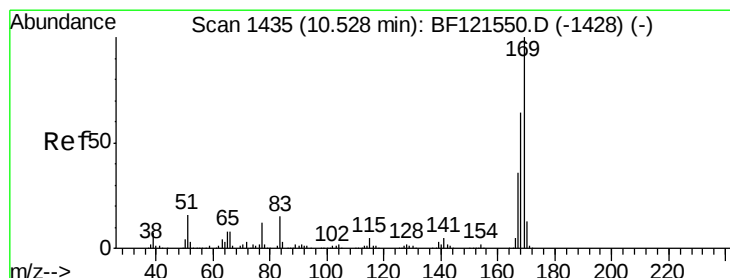
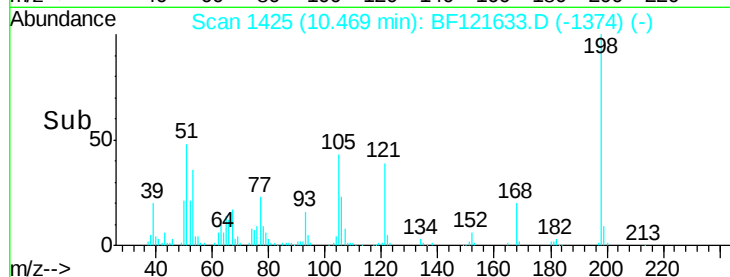
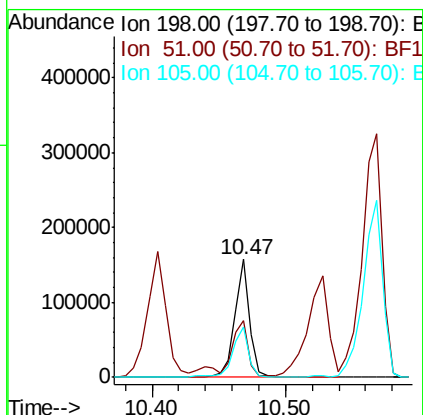
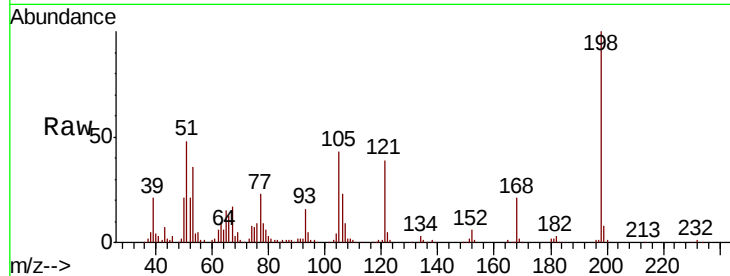
Time--> 11.30 11.35 11.40



#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.932 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

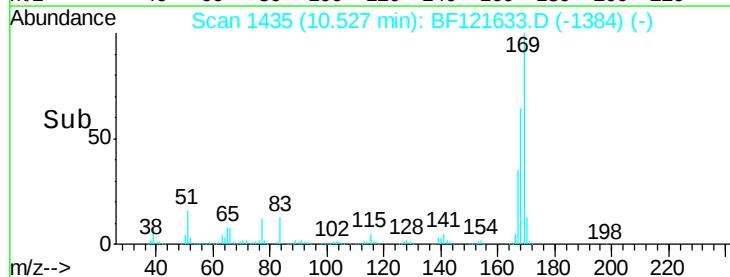
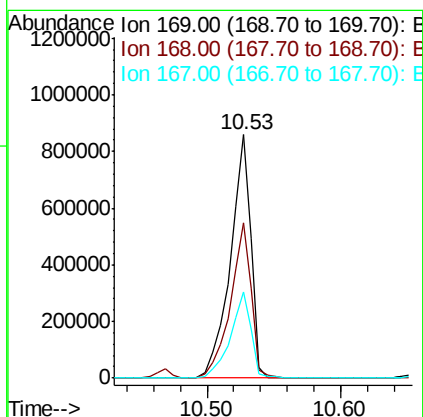
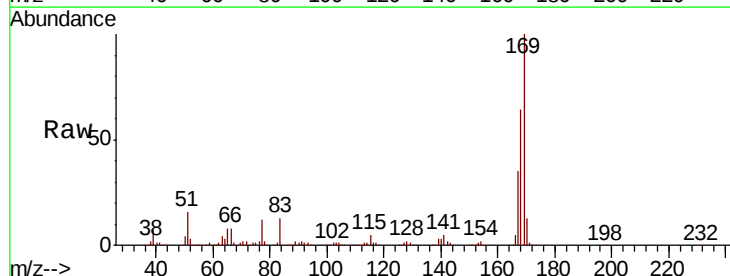
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

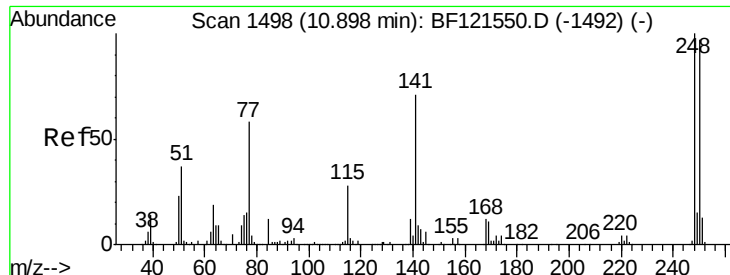
Tot Ion:198 Resp: 124134
 Ion Ratio Lower Upper
 198 100
 51 48.2 20.3 60.3
 105 42.9 20.2 60.2



#66
 n-Nitrosodiphenylamine
 Concen: 42.455 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion:169 Resp: 932719
 Ion Ratio Lower Upper
 169 100
 168 63.7 51.8 77.8
 167 35.5 28.4 42.6

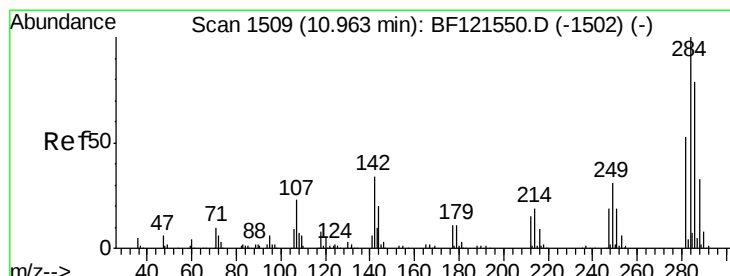
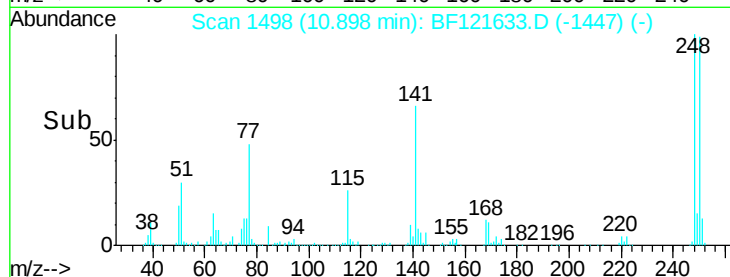
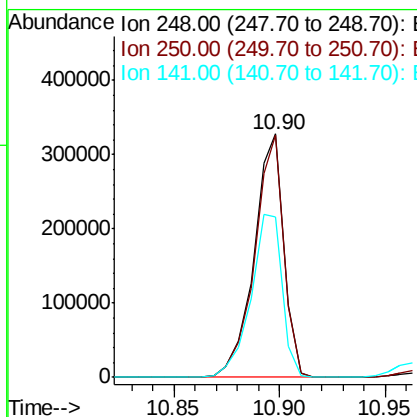
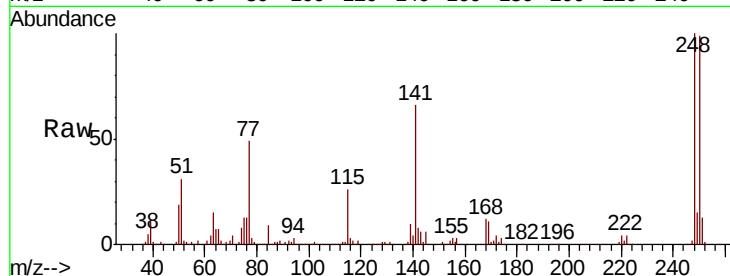




#67
 4-Bromophenyl-phenylether
 Concen: 44.051 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

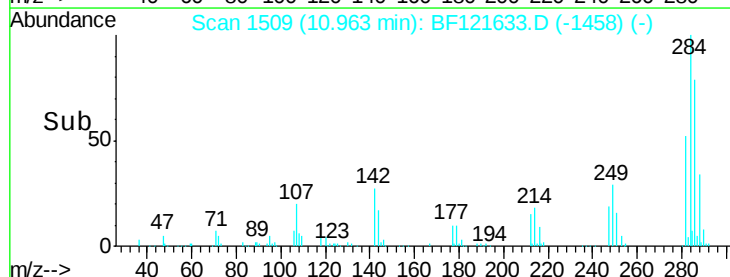
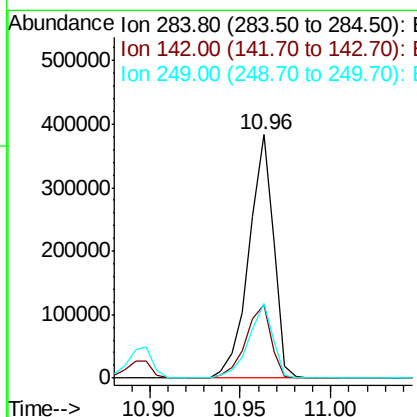
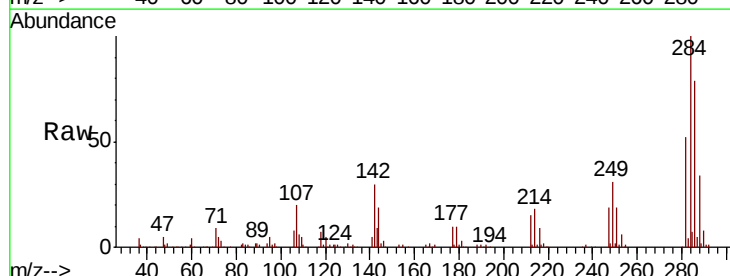
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

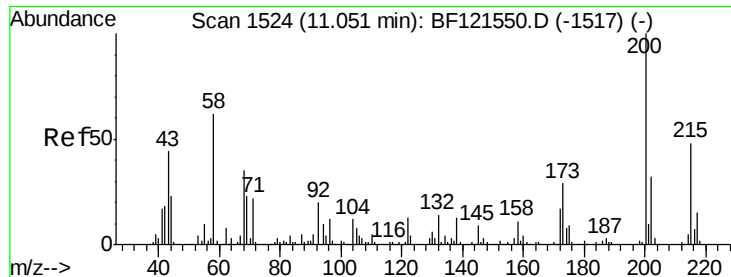
Tot Ion:248 Resp: 321170
 Ion Ratio Lower Upper
 248 100
 250 99.4 79.4 119.0
 141 66.1 52.2 78.4



#68
 Hexachlorobenzene
 Concen: 44.065 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion:284 Resp: 362564
 Ion Ratio Lower Upper
 284 100
 142 30.3 24.0 36.0
 249 30.6 23.9 35.9





#69

Atrazine

Concen: 42.344 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

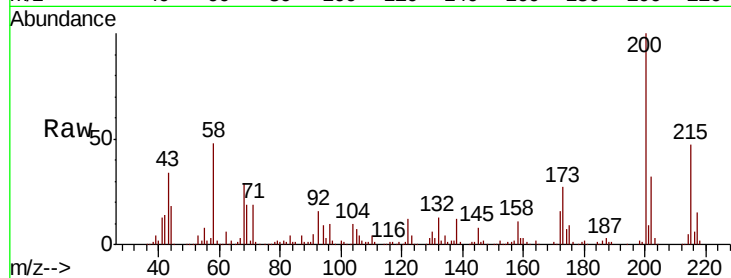
Tot Ion:200 Resp: 231121

Ion Ratio Lower Upper

200 100

173 26.8 6.0 46.0

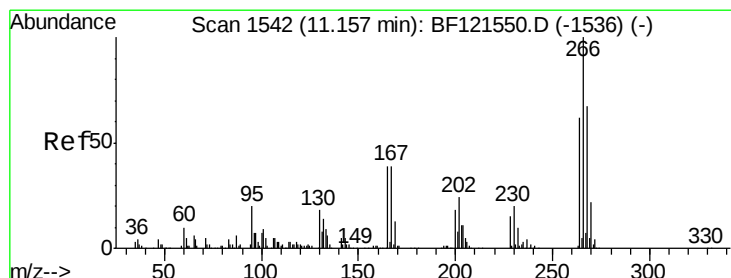
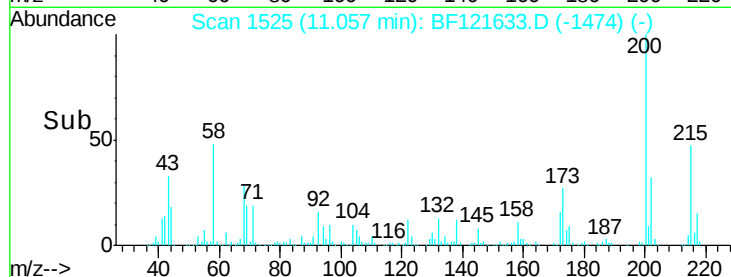
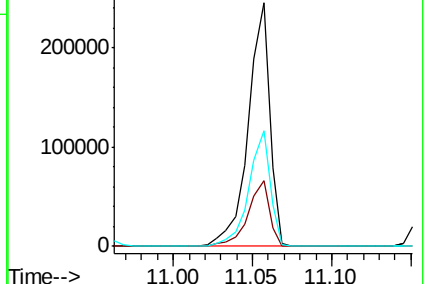
215 47.4 28.4 68.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 65.265 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

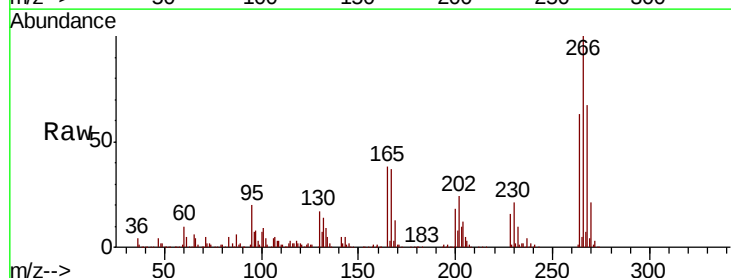
Tgt Ion:266 Resp: 294913

Ion Ratio Lower Upper

266 100

268 66.6 54.6 81.8

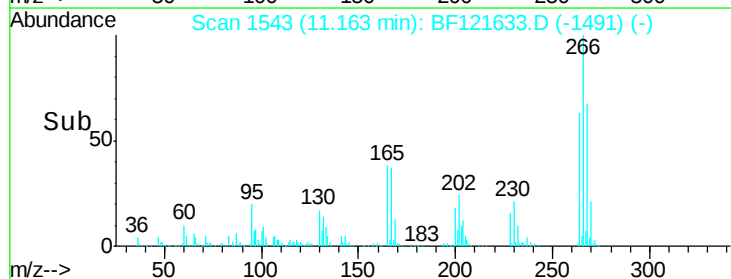
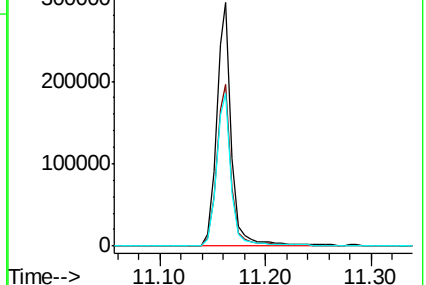
264 62.8 51.1 76.7

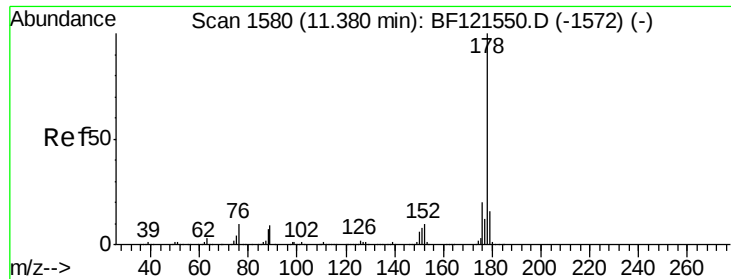


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

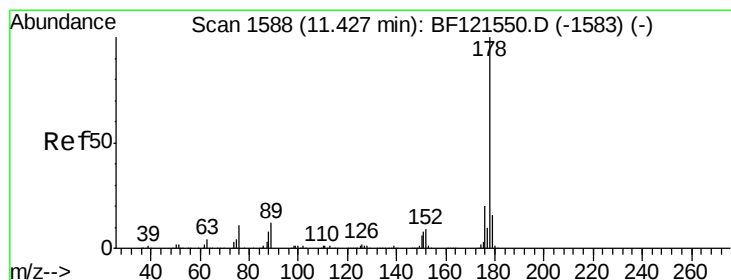
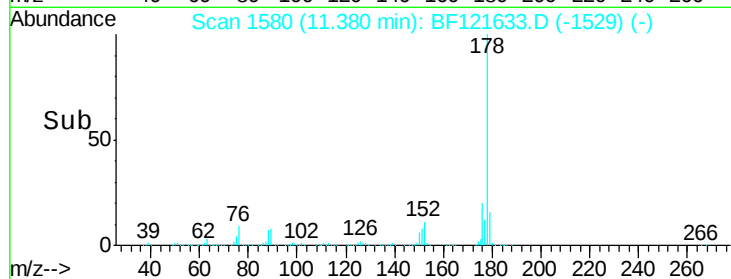
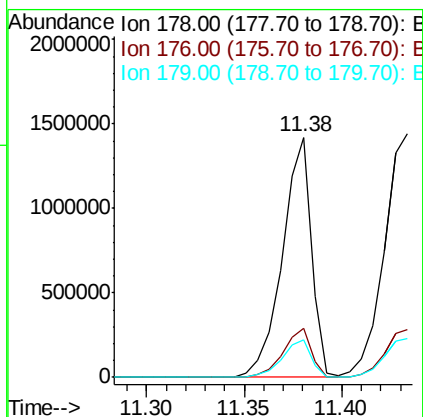
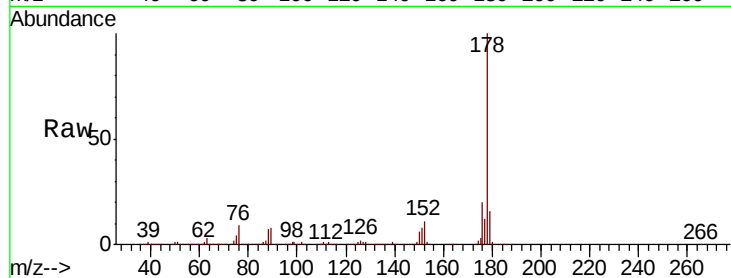




#71
Phenanthrene
Concen: 42.117 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

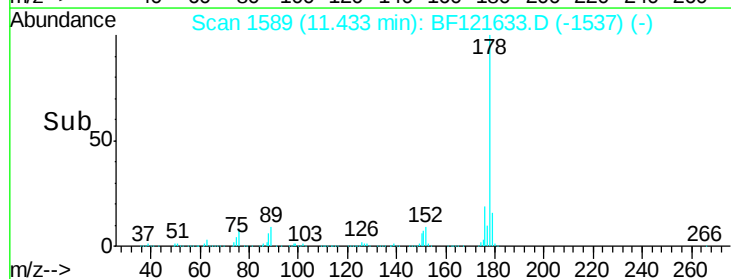
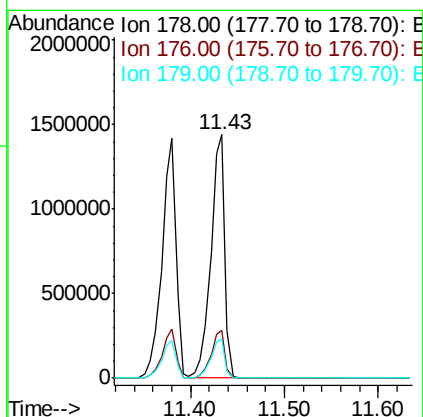
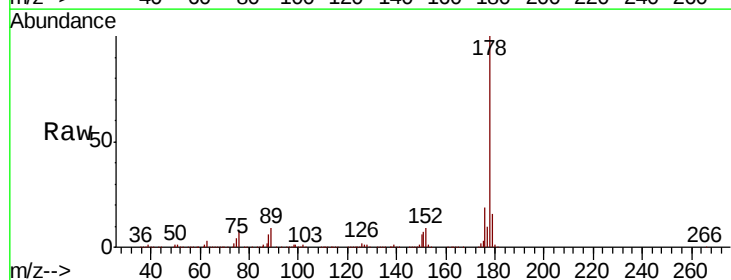
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

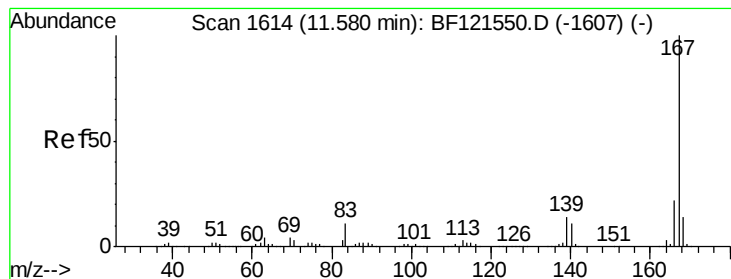
Tot Ion:178 Resp: 1469463
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.9 12.6 18.8



#72
Anthracene
Concen: 41.965 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:178 Resp: 1510946
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.8 12.6 19.0





#73

Carbazole

Concen: 42.184 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

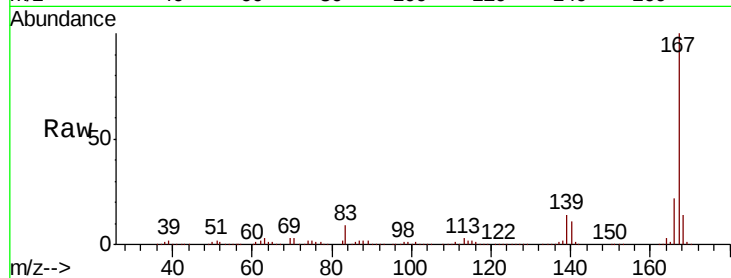
Tot Ion:167 Resp: 1370607

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

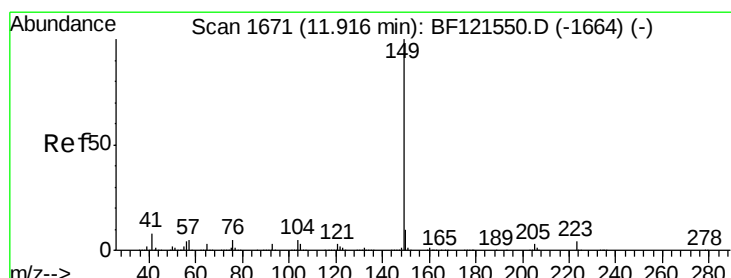
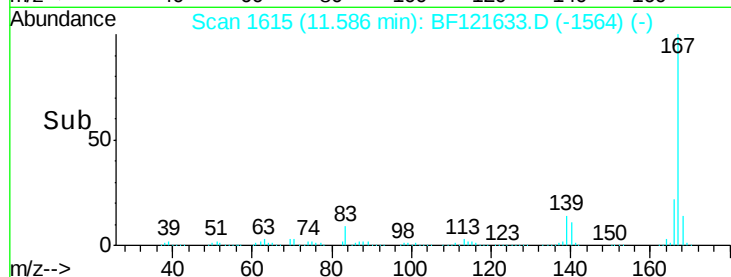
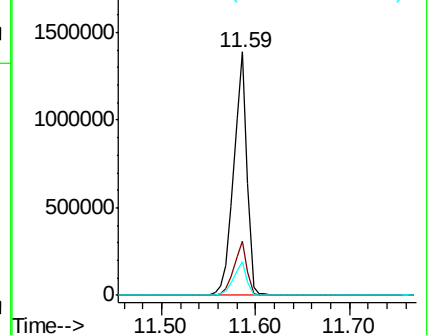
139 13.8 10.9 16.3



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: 42.217 ng

RT: 11.92 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

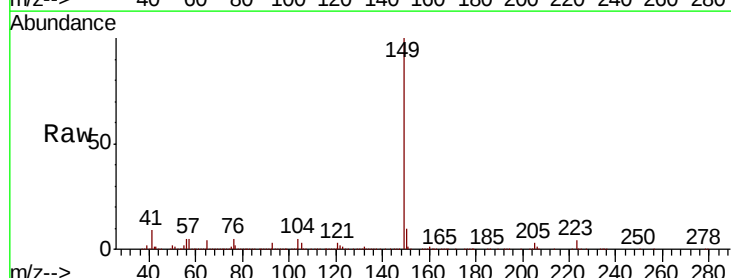
Tgt Ion:149 Resp: 1583126

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

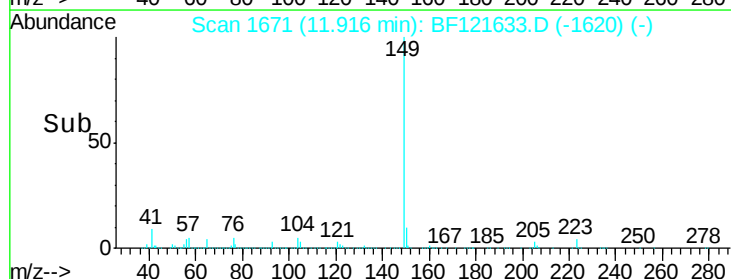
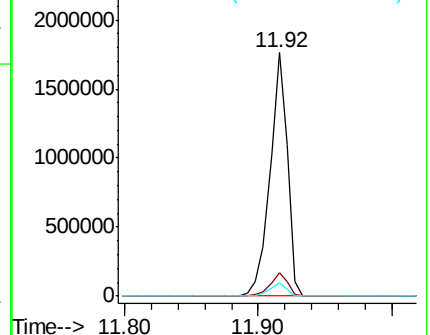
104 5.4 4.2 6.2

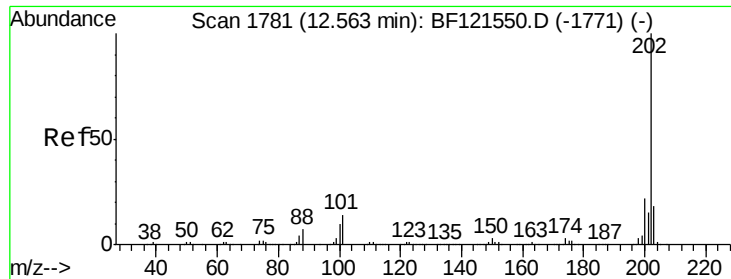


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.108 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

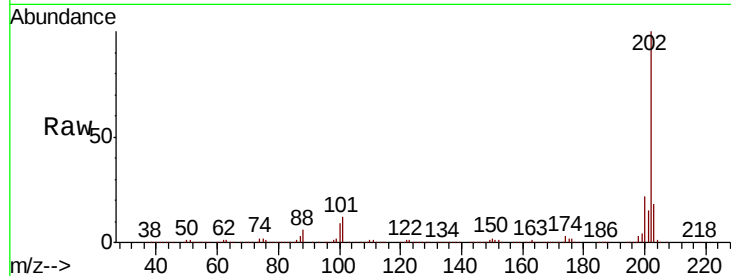
Tot Ion:202 Resp: 1568290

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.9

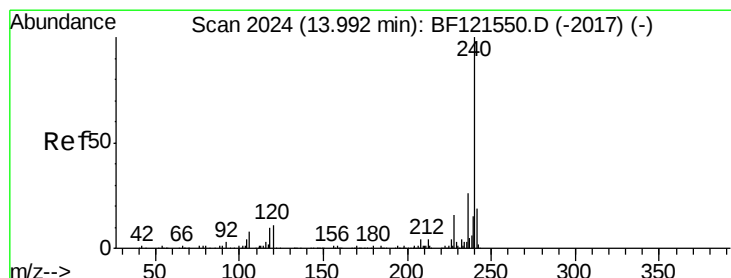
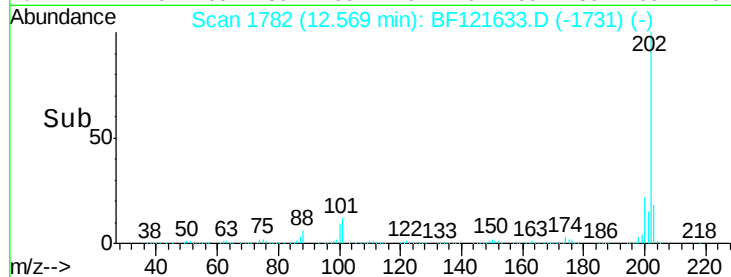
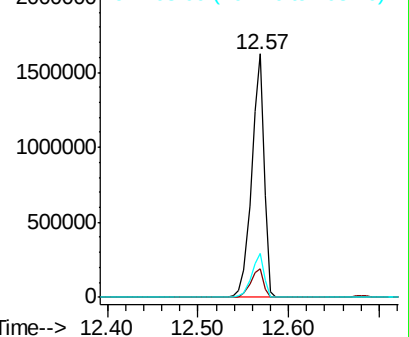
203 17.9 0.0 37.8



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: BF121633.D

Acq: 21 Sep 2020 18:37

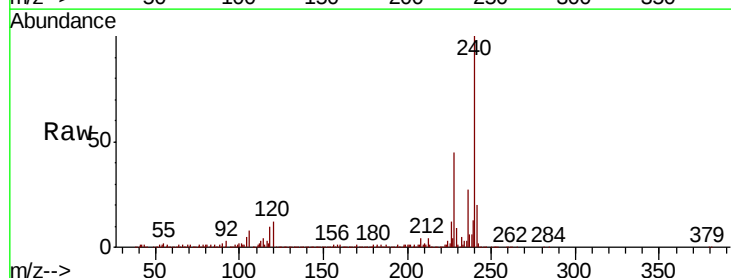
Tgt Ion:240 Resp: 454670

Ion Ratio Lower Upper

240 100

120 11.6 9.2 13.8

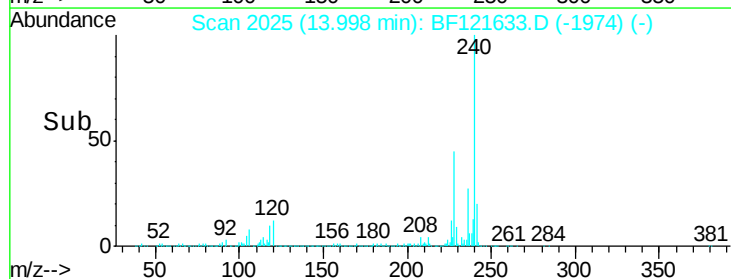
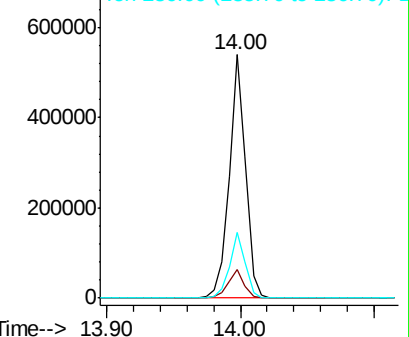
236 26.9 20.4 30.6

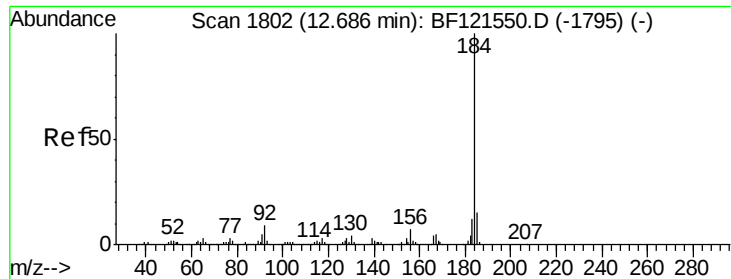


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.305 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

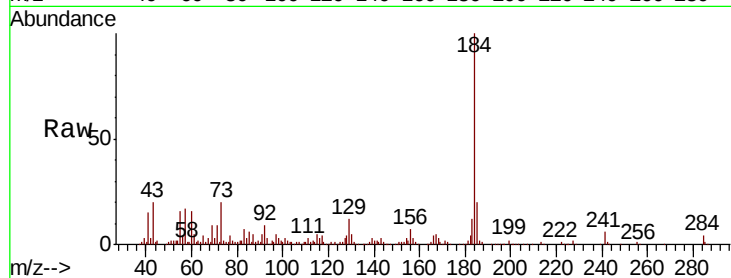
Tot Ion:184 Resp: 381429

Ion Ratio Lower Upper

184 100

185 20.1 11.5 17.3#

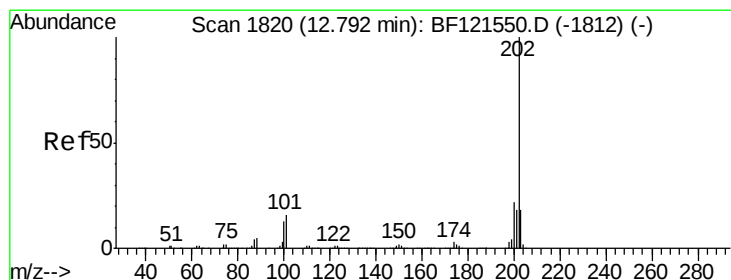
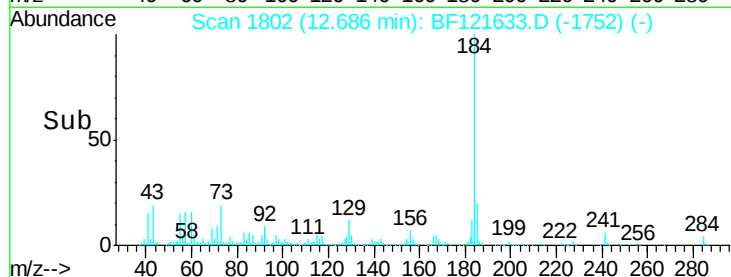
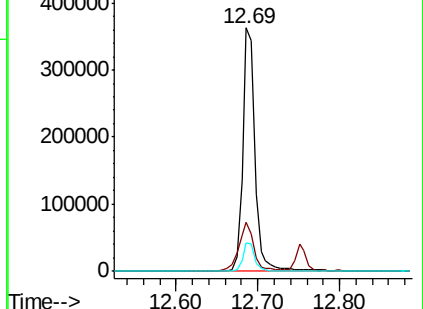
183 11.9 9.6 14.4



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: 47.060 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

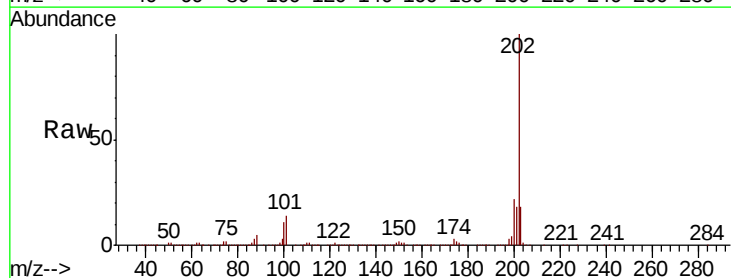
Tgt Ion:202 Resp: 1563328

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

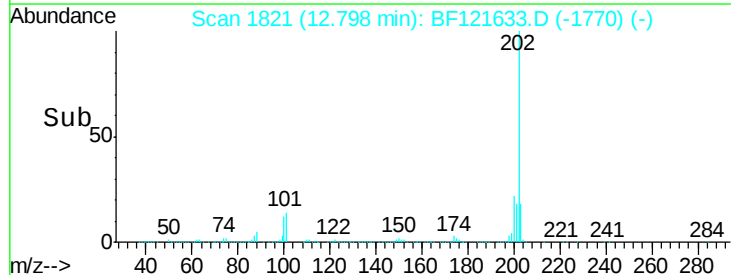
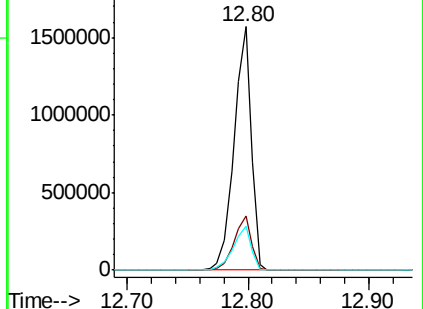
203 18.2 14.4 21.6

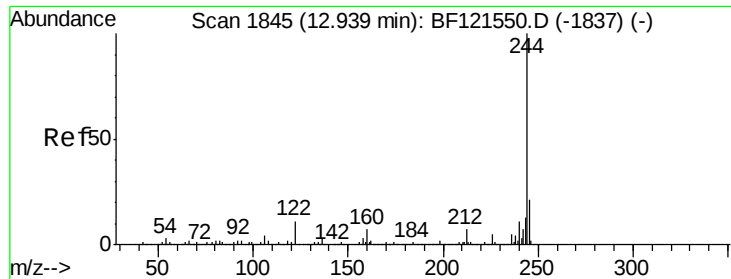


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.359 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

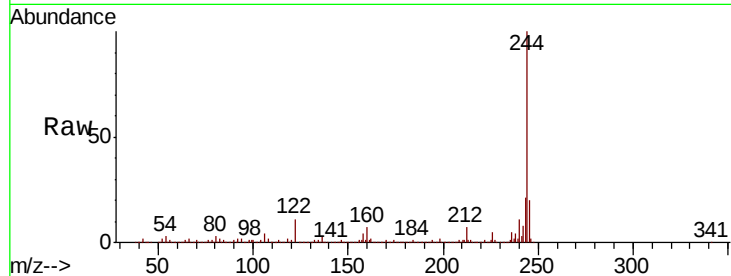
Tot Ion:244 Resp: 1848364

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 10.9 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

12.94

2000000

1500000

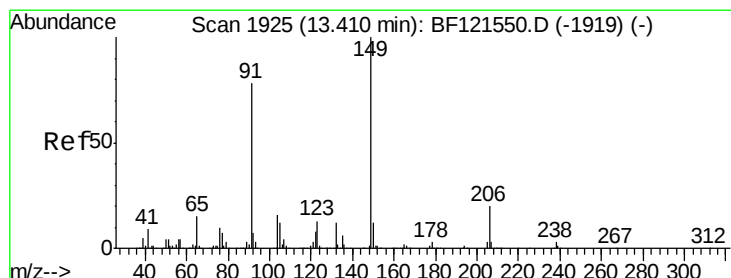
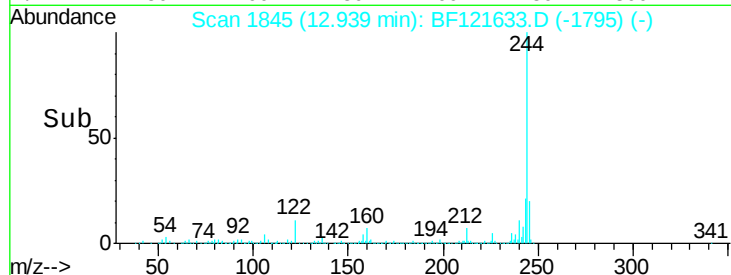
1000000

500000

0

Time-->

12.90 13.00



#80

Butylbenzylphthalate

Concen: 48.925 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

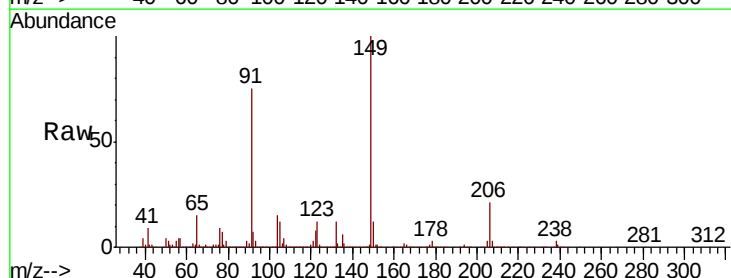
Tgt Ion:149 Resp: 657306

Ion Ratio Lower Upper

149 100

91 75.4 61.0 91.4

206 20.7 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

1000000

800000

600000

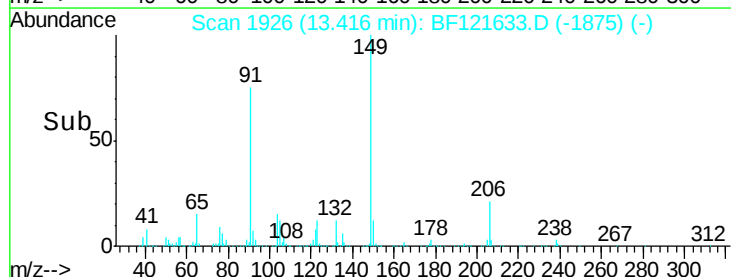
400000

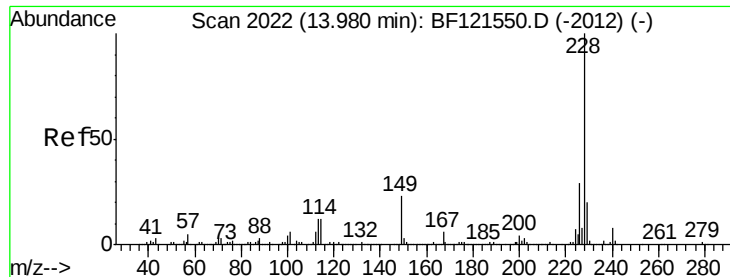
200000

0

Time-->

13.35 13.40 13.45





#81

Benzo(a)anthracene

Concen: 43.058 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

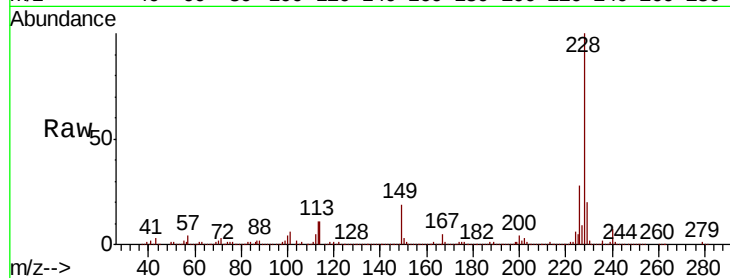
BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

Tot Ion:228 Resp: 1238551

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.2	16.2	24.2

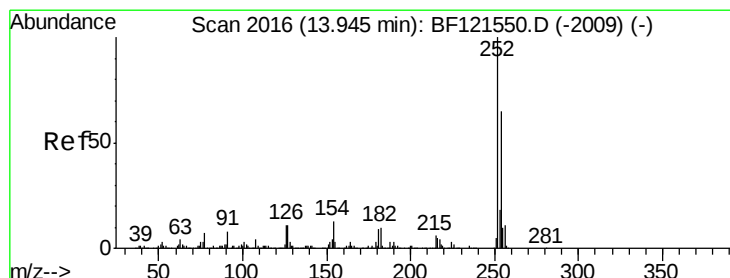
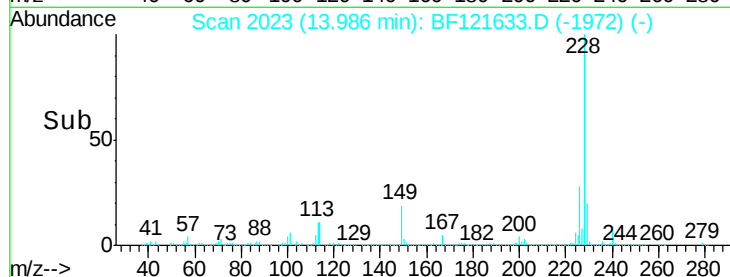
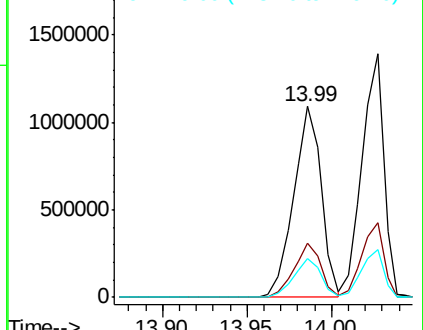


Abundance

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: 18.751 ng

RT: 13.95 min Scan# 2017

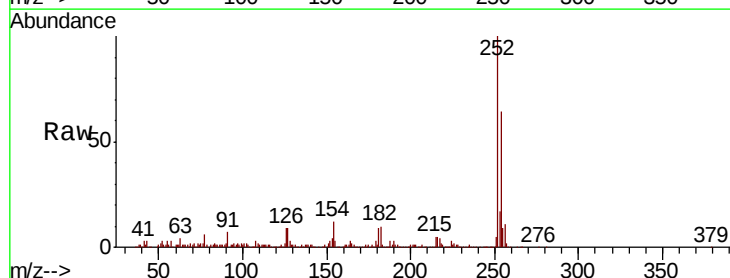
Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Tgt Ion:252 Resp: 210573

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.0	76.4
126	9.2	8.6	13.0

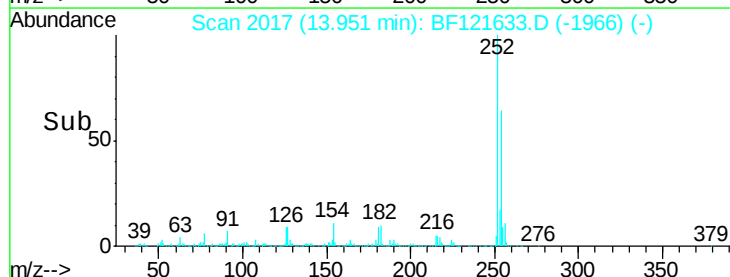
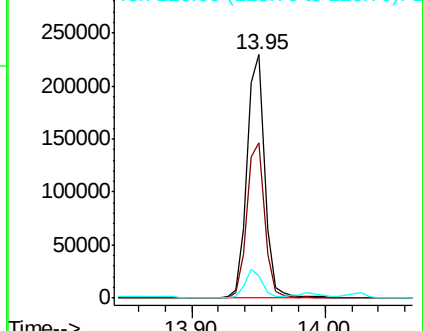


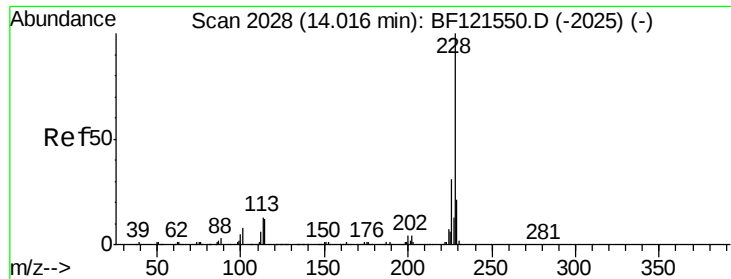
Abundance

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

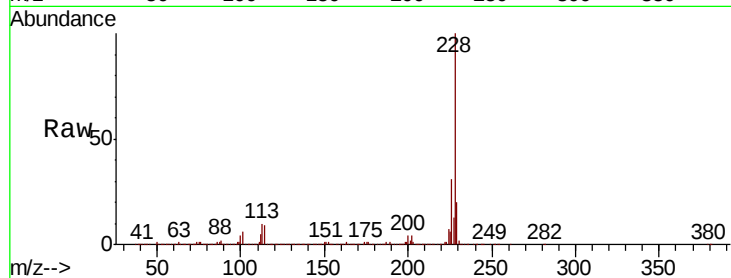




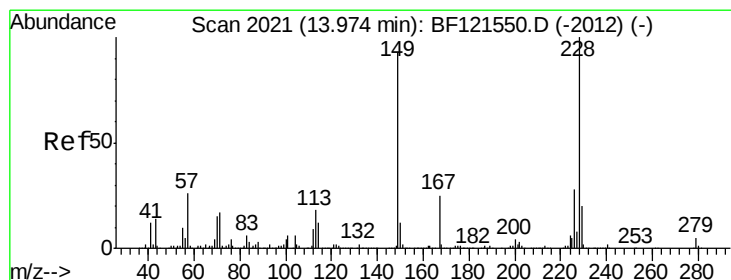
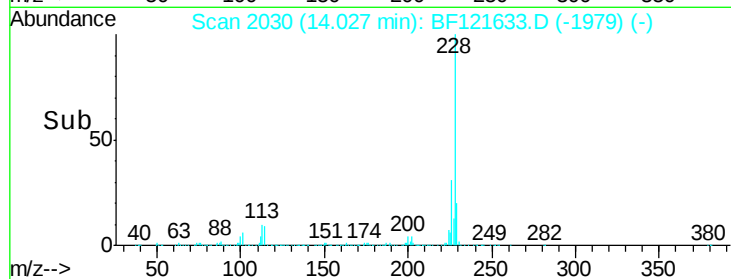
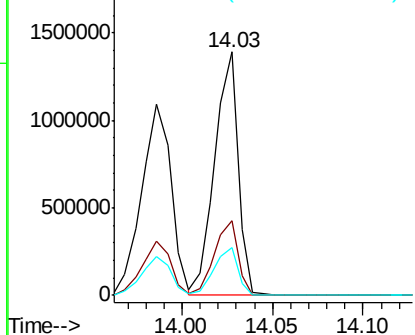
#83
Chrysene
Concen: 42.905 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

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

Tot Ion:228 Resp: 1249735
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.4
229 19.9 16.0 24.0

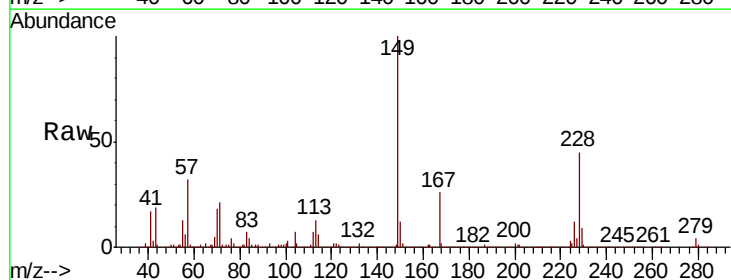


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

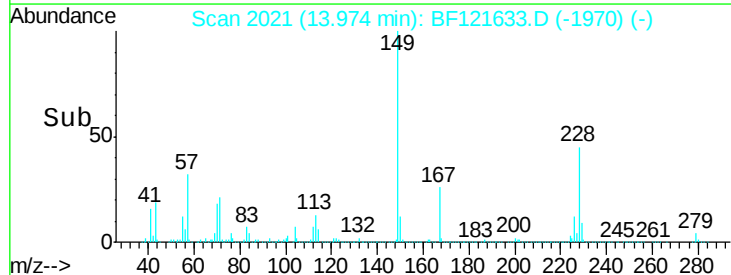
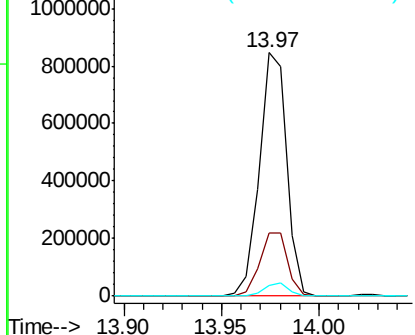


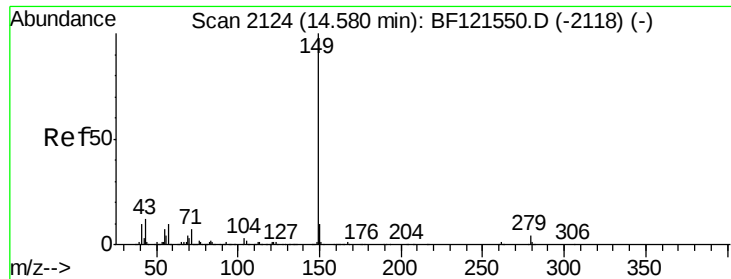
#84
Bis(2-ethylhexyl)phthalate
Concen: 45.677 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:149 Resp: 819821
Ion Ratio Lower Upper
149 100
167 25.9 21.3 31.9
279 4.1 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

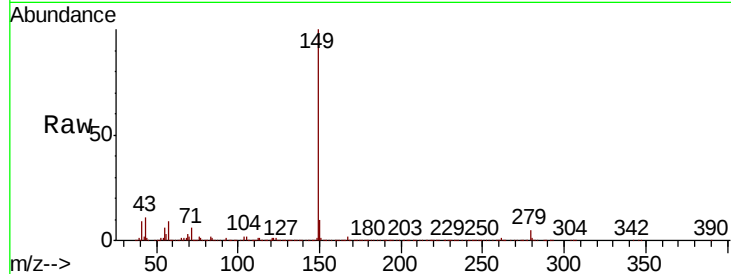




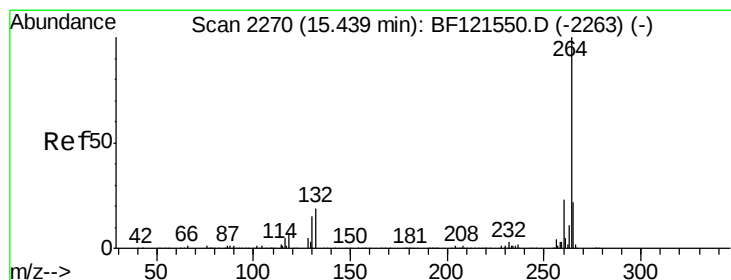
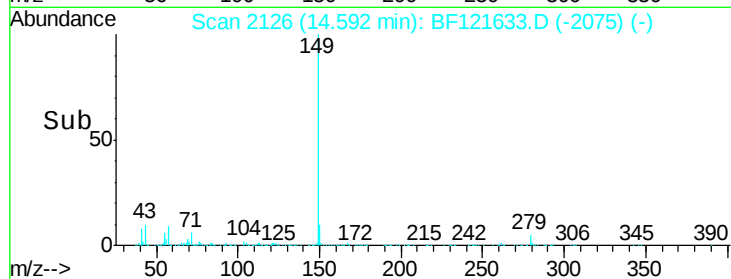
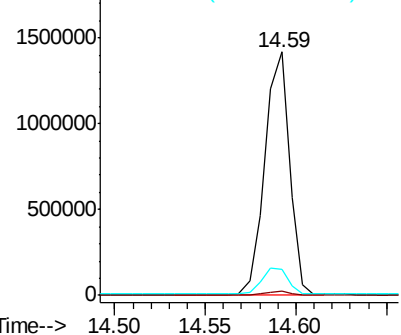
#85
Di-n-octyl phthalate
Concen: 42.530 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

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

Tot Ion:149 Resp: 1347144
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4

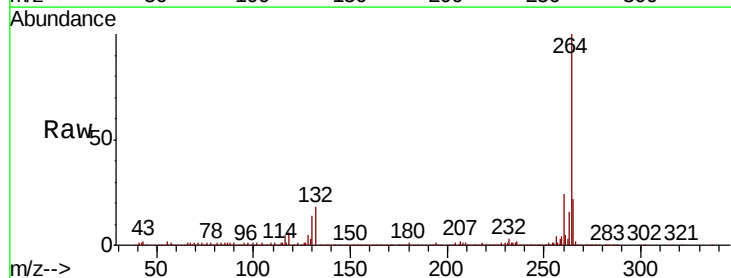


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

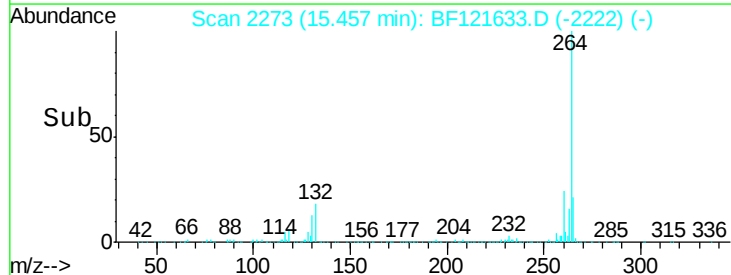
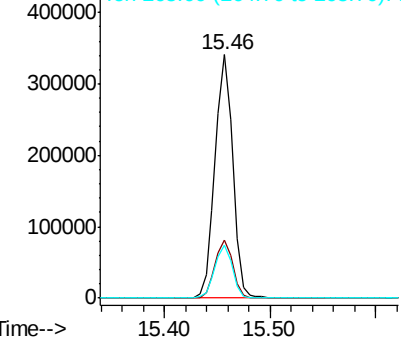


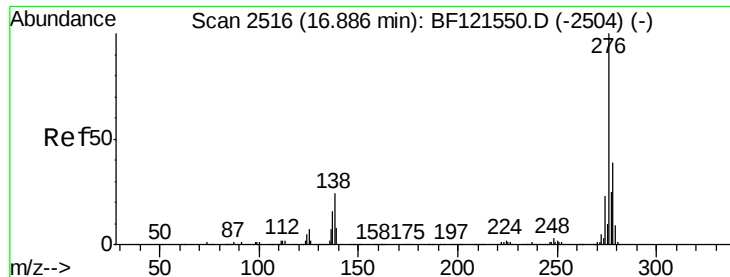
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:264 Resp: 397446
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.6 17.3 25.9



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





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.600 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

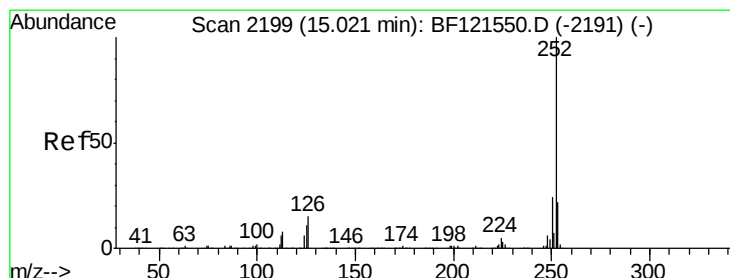
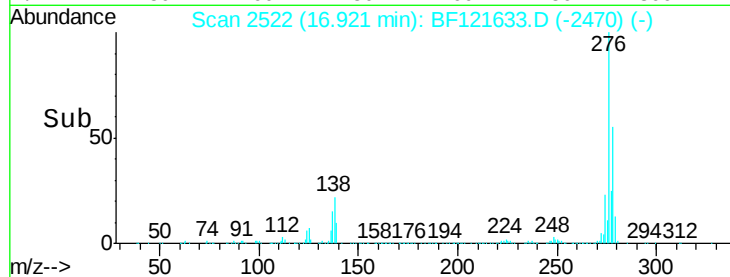
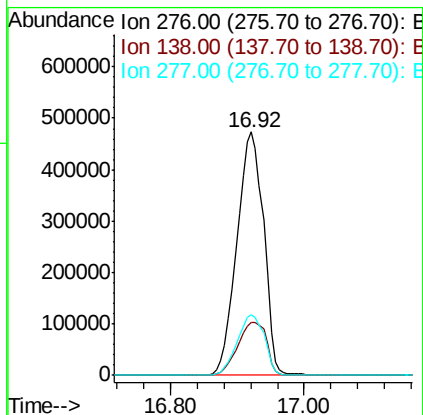
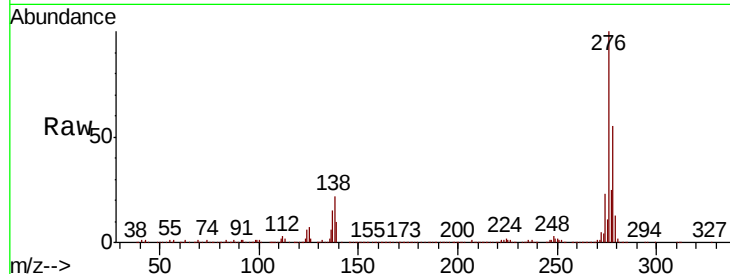
Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

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

Tot Ion:276 Resp: 1309669

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: 47.248 ng

RT: 15.03 min Scan# 2201

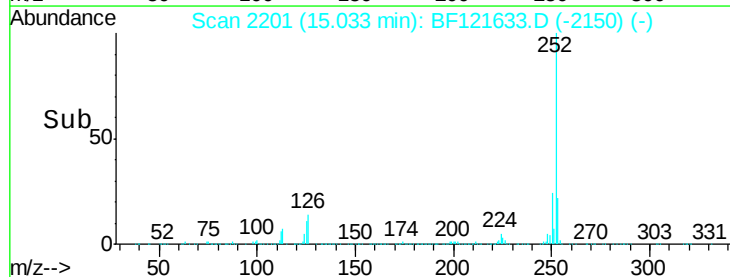
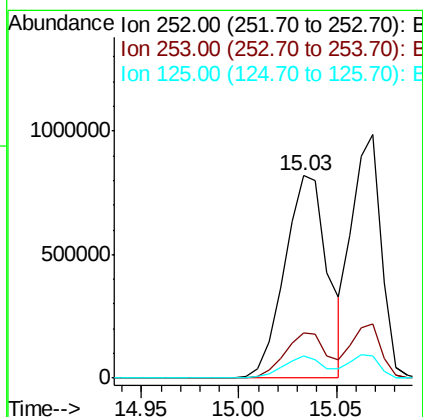
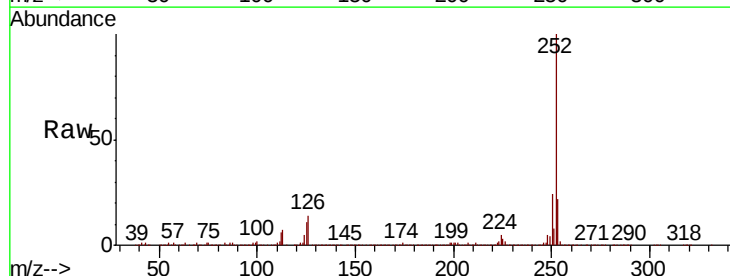
Delta R.T. 0.00 min

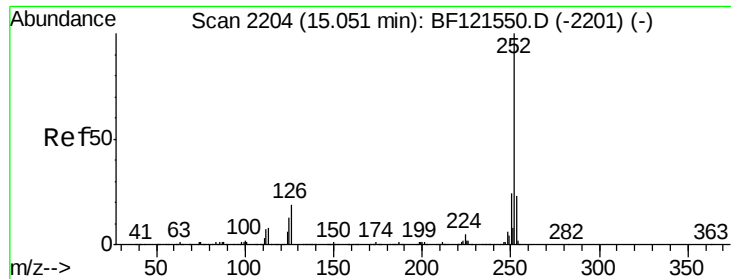
Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Tgt Ion:252 Resp: 1255364

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.8	8.5	12.7

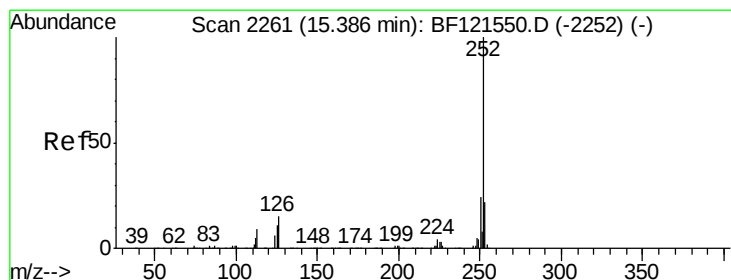
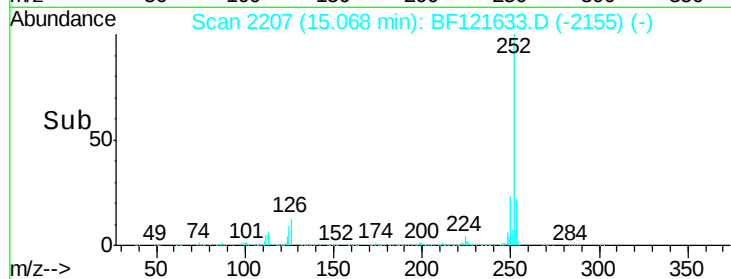
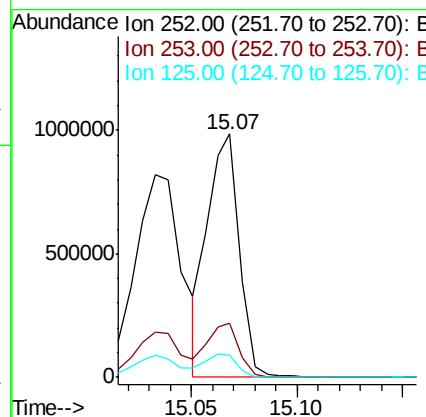
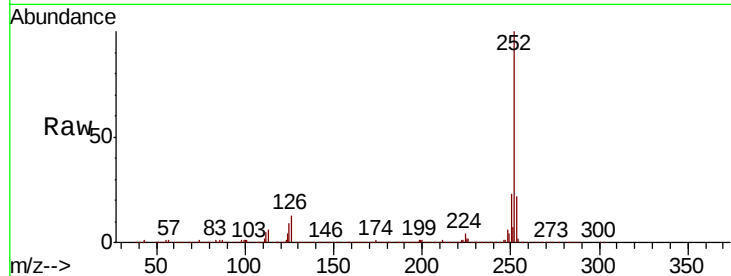




#89
Benzo(k)fluoranthene
Concen: 42.158 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

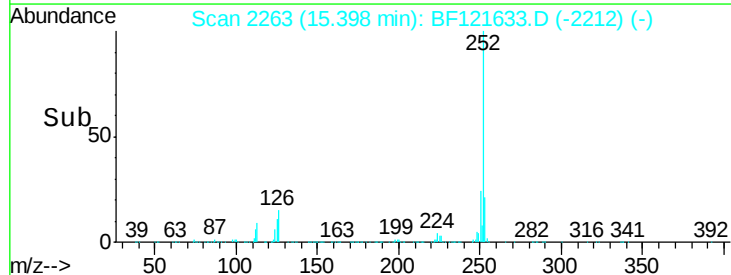
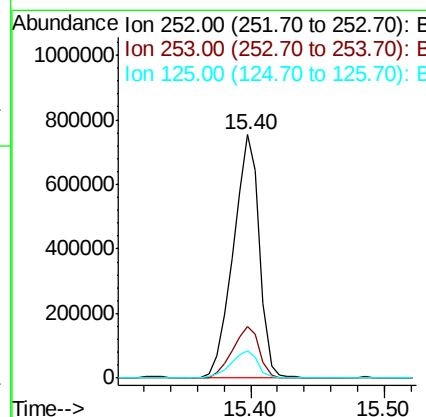
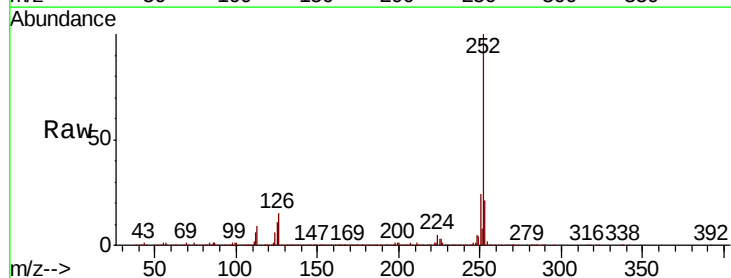
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

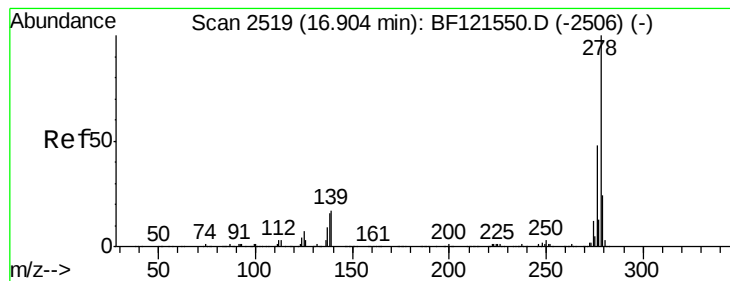
Tot Ion:252 Resp: 1025745
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 45.548 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:252 Resp: 1028712
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 11.3 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 49.447 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

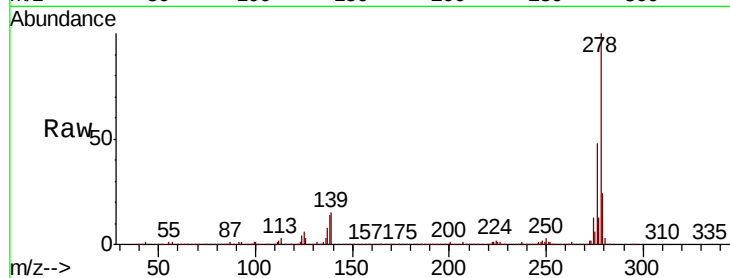
BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

Tot Ion:278 Resp: 1065372

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.0	18.0
279	23.9	19.4	29.2

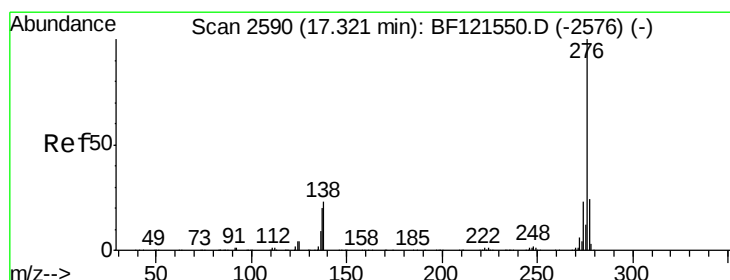
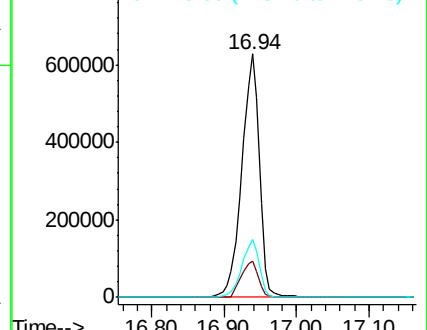
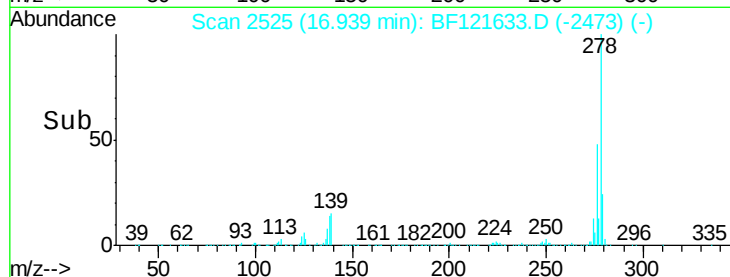


Abundance

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: 52.850 ng

RT: 17.37 min Scan# 2598

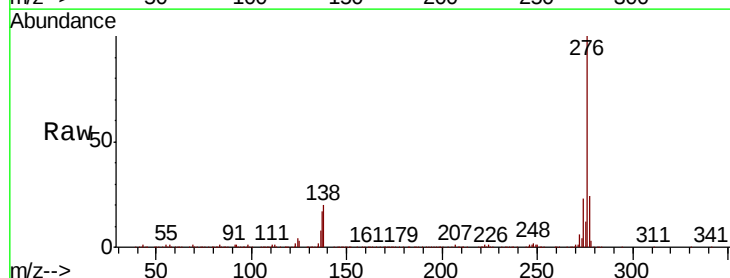
Delta R.T. 0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Tgt Ion:276 Resp: 1119312

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	20.3	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

