

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121812.D
 Acq On : 5 Oct 2020 11:29
 Operator : JU/CG
 Sample : PB132057BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

Quant Time: Oct 05 12:01:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139610	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	553876	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	299114	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	566224	20.00	ng	0.00
76) Chrysene-d12	13.93	240	453687	20.00	ng	0.00
86) Perylene-d12	15.36	264	416041	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1189466	126.62	ng	0.00
7) Phenol-d6	6.42	99	1510495	122.56	ng	0.00
23) Nitrobenzene-d5	7.34	82	1035201	100.35	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	535357	144.01	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1756451	88.94	ng	0.00
79) Terphenyl-d14	12.87	244	2254775	100.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	150493	34.870	ng	99
3) Pyridine	3.24	79	438138	36.722	ng	99
4) n-Nitrosodimethylamine	3.19	42	230079	41.574	ng	99
6) Aniline	6.43	93	527137	32.840	ng	# 21
8) 2-Chlorophenol	6.56	128	439413	45.941	ng	93
9) Benzaldehyde	6.32	77	231941	28.788	ng	97
10) Phenol	6.43	94	517270	39.413	ng	82
11) bis(2-Chloroethyl)ether	6.50	93	432983	43.773	ng	99
12) 1,3-Dichlorobenzene	6.70	146	447760	41.942	ng	99
13) 1,4-Dichlorobenzene	6.78	146	455510	42.494	ng	99
14) 1,2-Dichlorobenzene	6.94	146	414481	41.973	ng	99
15) Benzyl Alcohol	6.92	79	354000	42.259	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	673375	42.304	ng	92
17) 2-Methylphenol	7.03	107	363276	44.638	ng	95
18) Hexachloroethane	7.27	117	168785	43.975	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	309988	43.642	ng	98
20) 3+4-Methylphenols	7.19	107	423655	43.328	ng	# 88
22) Acetophenone	7.18	105	567565	40.388	ng	96
24) Nitrobenzene	7.36	77	475761	42.642	ng	97
25) Isophorone	7.60	82	877444	42.254	ng	99
26) 2-Nitrophenol	7.67	139	234004	44.735	ng	95
27) 2,4-Dimethylphenol	7.71	122	363117	39.173	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	548638	42.677	ng	99
29) 2,4-Dichlorophenol	7.92	162	363777	43.088	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	373912	42.052	ng	100
31) Naphthalene	8.07	128	1204786	41.206	ng	100
32) Benzoic acid	7.87	122	202010	31.924	ng	99
33) 4-Chloroaniline	8.12	127	468705	36.981	ng	99
34) Hexachlorobutadiene	8.19	225	225933	43.289	ng	98
35) Caprolactam	8.52	113	73534	26.154	ng	98
36) 4-Chloro-3-methylphenol	8.62	107	405469	44.582	ng	99
37) 2-Methylnaphthalene	8.76	142	812918	42.426	ng	98
38) 1-Methylnaphthalene	8.86	142	758208	42.518	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	377543	40.408	ng	99

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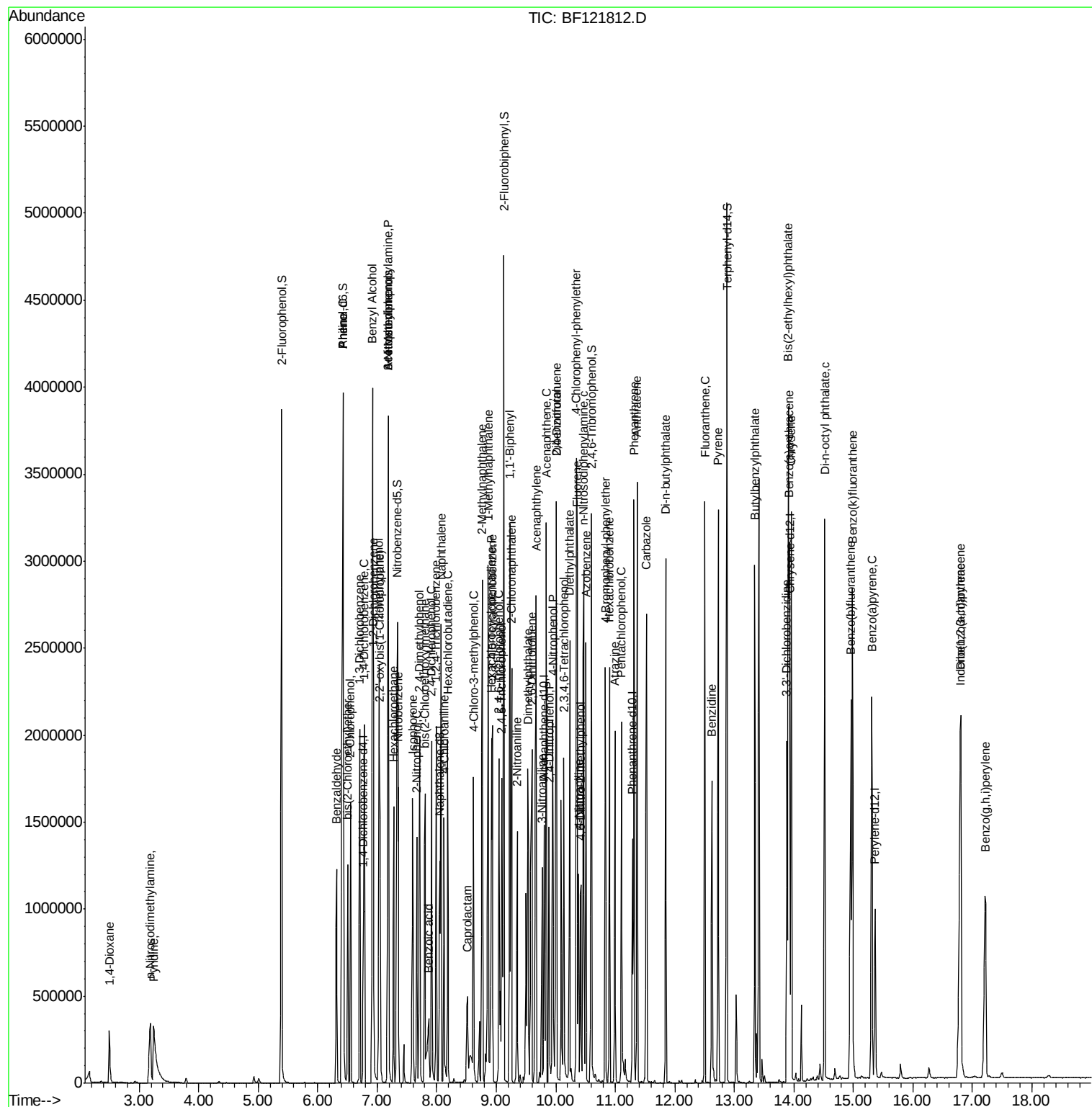
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	266793	50.001	ng	99
43) 2,4,6-Trichlorophenol	9.05	196	263112	41.314	ng	100
44) 2,4,5-Trichlorophenol	9.09	196	281775	41.852	ng	97
46) 1,1'-Biphenyl	9.23	154	961112	40.137	ng	100
47) 2-Chloronaphthalene	9.26	162	766583	40.624	ng	98
48) 2-Nitroaniline	9.36	65	276350	47.127	ng	94
49) Acenaphthylene	9.67	152	1172413	40.437	ng	99
50) Dimethylphthalate	9.53	163	968385	44.669	ng	100
51) 2,6-Dinitrotoluene	9.60	165	211732	45.859	ng	98
52) Acenaphthene	9.84	154	703830	38.434	ng	98
53) 3-Nitroaniline	9.77	138	193888	36.251	ng	97
54) 2,4-Dinitrophenol	9.89	184	212200	79.722	ng	96
55) Dibenzofuran	10.02	168	1029506	39.921	ng	98
56) 4-Nitrophenol	9.95	139	294431	69.028	ng	92
57) 2,4-Dinitrotoluene	10.00	165	264531	45.542	ng	# 89
58) Fluorene	10.36	166	828586	42.014	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	237322	43.359	ng	98
60) Diethylphthalate	10.23	149	926491	43.833	ng	100
61) 4-Chlorophenyl-phenylether	10.35	204	409201	43.314	ng	99
62) 4-Nitroaniline	10.39	138	236387	44.513	ng	97
63) Azobenzene	10.50	77	965926	42.913	ng	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	164037	47.324	ng	94
66) n-Nitrosodiphenylamine	10.47	169	803963	41.386	ng	98
67) 4-Bromophenyl-phenylether	10.83	248	283202	43.930	ng	98
68) Hexachlorobenzene	10.90	284	316513	43.505	ng	96
69) Atrazine	11.00	200	242996	50.349	ng	99
70) Pentachlorophenol	11.10	266	270295	67.650	ng	99
71) Phenanthrene	11.32	178	1261547	40.893	ng	99
72) Anthracene	11.37	178	1292196	40.589	ng	99
73) Carbazole	11.52	167	1183232	41.186	ng	100
74) Di-n-butylphthalate	11.85	149	1452613	43.809	ng	100
75) Fluoranthene	12.50	202	1397153	42.425	ng	98
77) Benzidine	12.62	184	690227	45.891	ng	100
78) Pyrene	12.73	202	1374420	41.463	ng	99
80) Butylbenzylphthalate	13.34	149	628498	46.882	ng	98
81) Benzo(a)anthracene	13.92	228	1254500	43.707	ng	100
82) 3,3'-Dichlorobenzidine	13.88	252	417005	37.214	ng	98
83) Chrysene	13.96	228	1222461	42.060	ng	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	861624	48.110	ng	99
85) Di-n-octyl phthalate	14.52	149	1507531	47.697	ng	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	1187689	43.836	ng	100
88) Benzo(b)fluoranthene	14.96	252	1260614	45.325	ng	99
89) Benzo(k)fluoranthene	14.99	252	1173031	46.057	ng	99
90) Benzo(a)pyrene	15.31	252	1103803	46.689	ng	99
91) Dibenzo(a,h)anthracene	16.80	278	980766	43.486	ng	100
92) Benzo(g,h,i)perylene	17.22	276	942945	42.533	ng	99

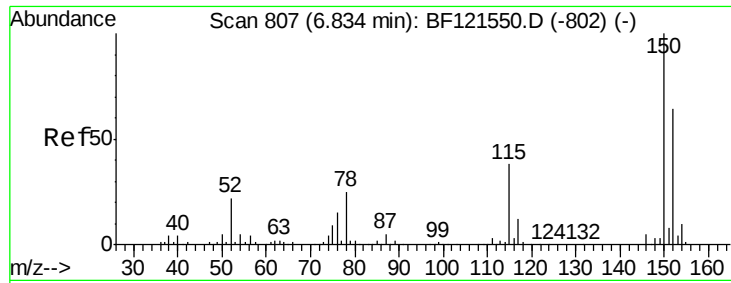
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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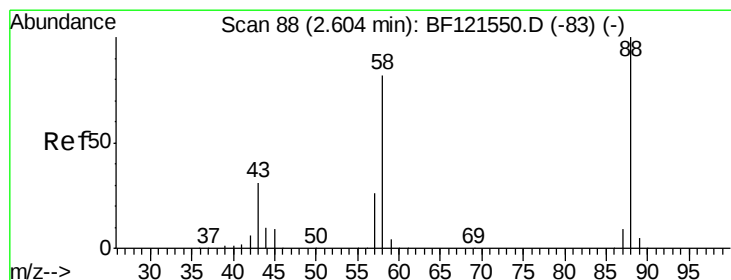
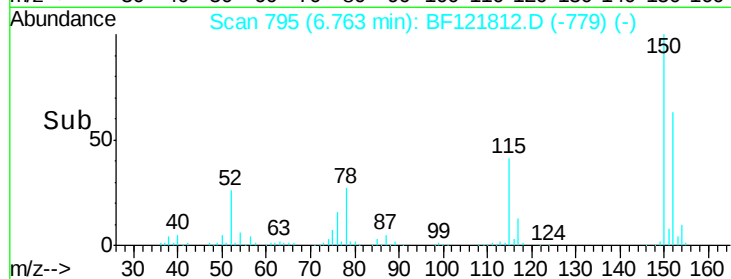
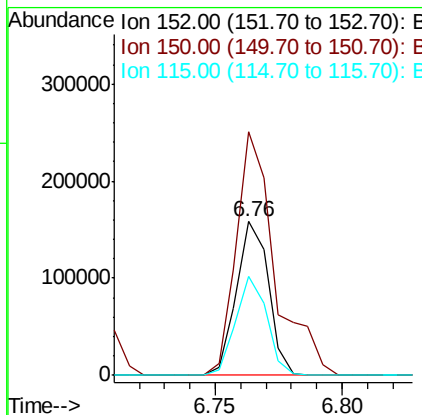
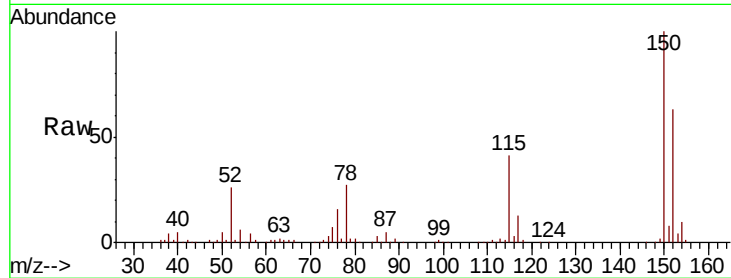


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
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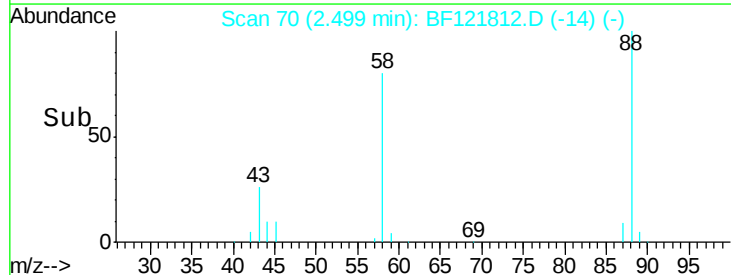
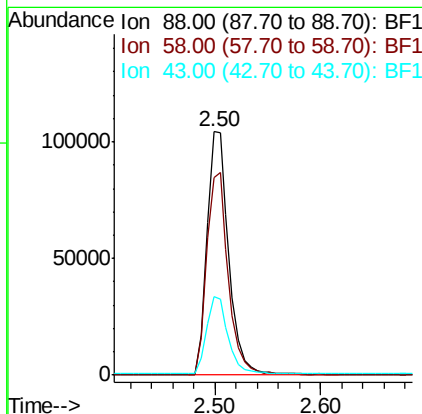
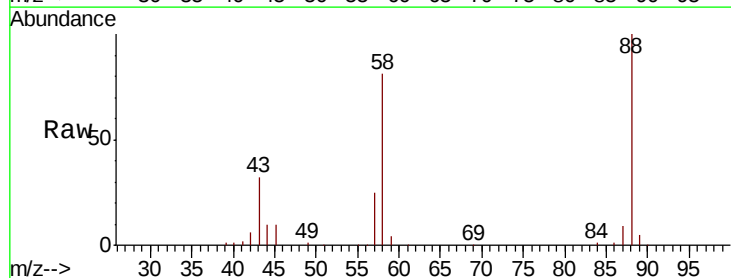
Tot Ion:152 Resp: 139610
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 64.2 51.9 77.9

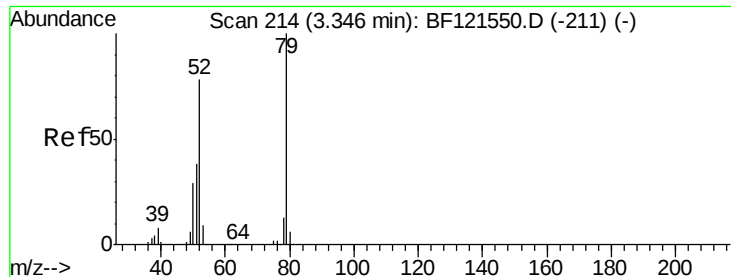


#2

1,4-Dioxane
Concen: 34.870 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.03 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion: 88 Resp: 150493
Ion Ratio Lower Upper
88 100
58 83.3 65.8 98.8
43 31.2 25.8 38.8

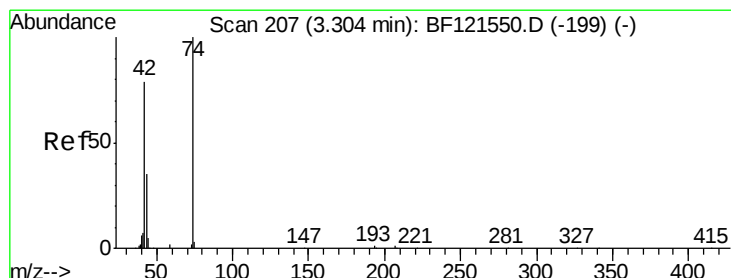
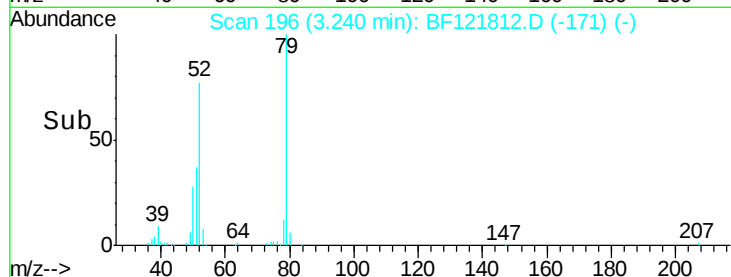
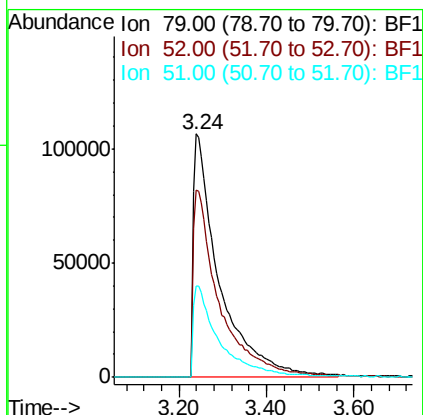
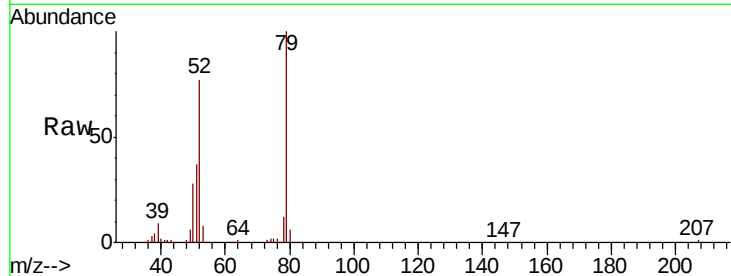




#3
 Pvridine
 Concen: 36.722 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.05 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

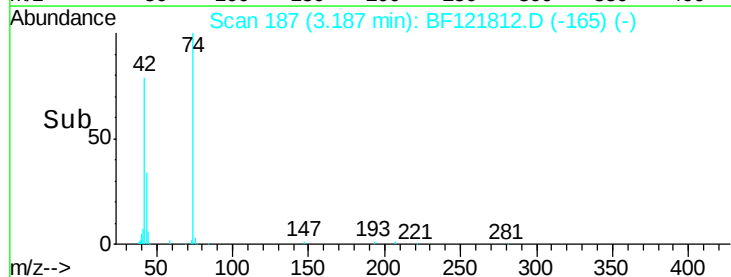
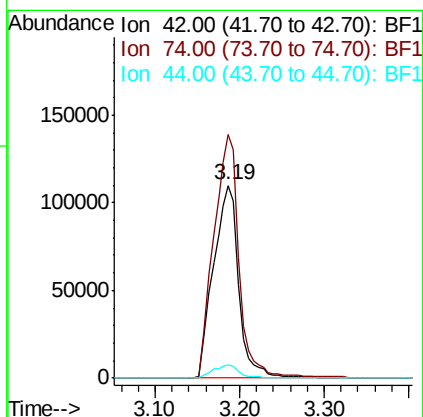
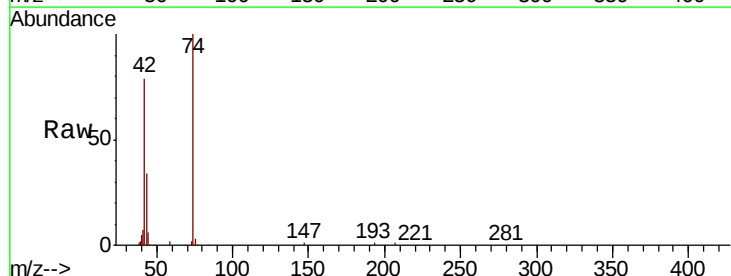
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 ClientSampleId :
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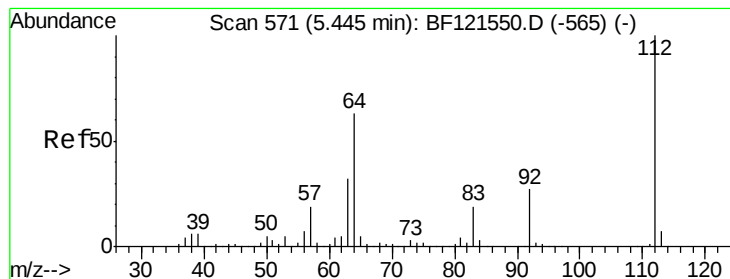
Tot Ion: 79 Resp: 438138
 Ion Ratio Lower Upper
 79 100
 52 77.2 62.2 93.4
 51 37.4 31.1 46.7



#4
 n-Nitrosodimethylamine
 Concen: 41.574 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.03 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion: 42 Resp: 230079
 Ion Ratio Lower Upper
 42 100
 74 126.4 100.2 150.2
 44 7.1 5.8 8.6





#5

2-Fluorophenol

Concen: 126.617 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

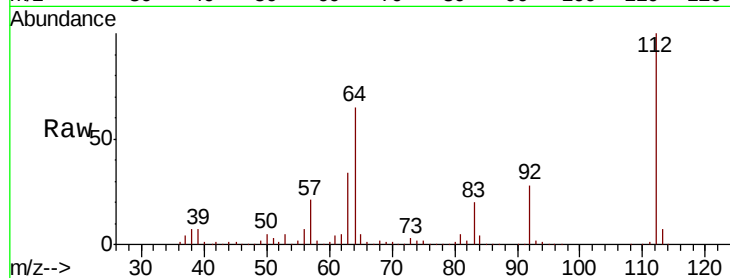
Tot Ion:112 Resp: 1189466

Ion Ratio Lower Upper

112 100

64 64.9 50.4 75.6

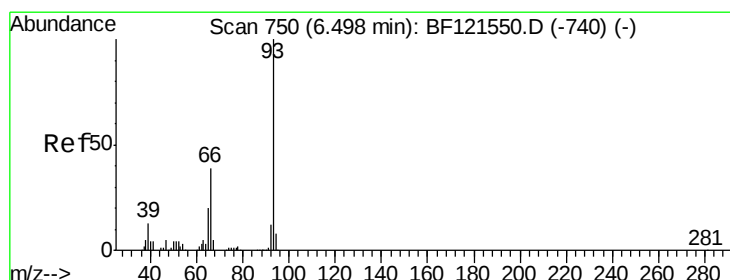
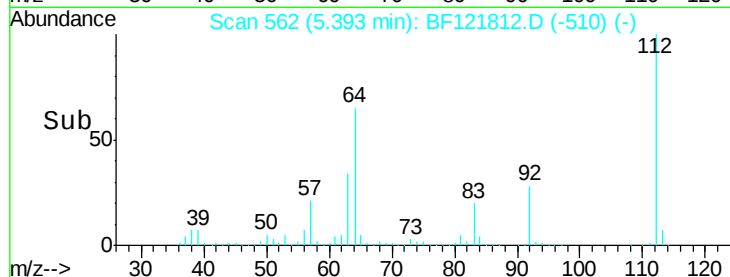
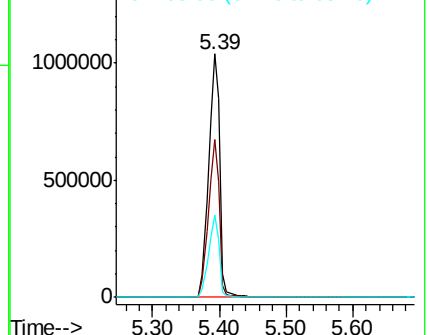
63 33.6 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.840 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

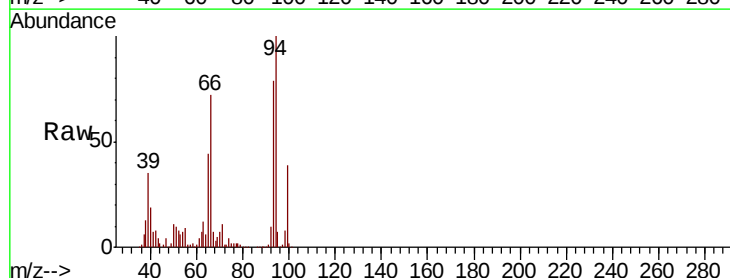
Tgt Ion: 93 Resp: 527137

Ion Ratio Lower Upper

93 100

66 91.2 32.7 49.1#

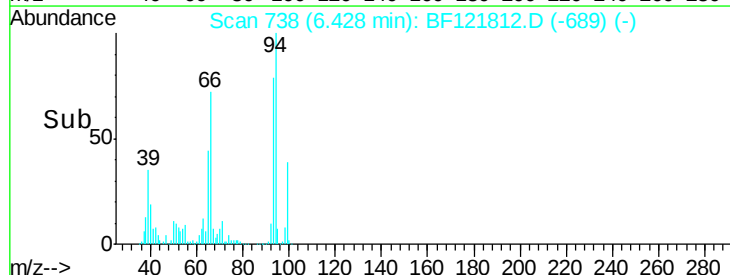
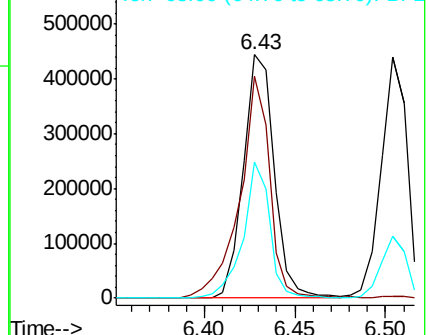
65 56.1 16.6 24.8#

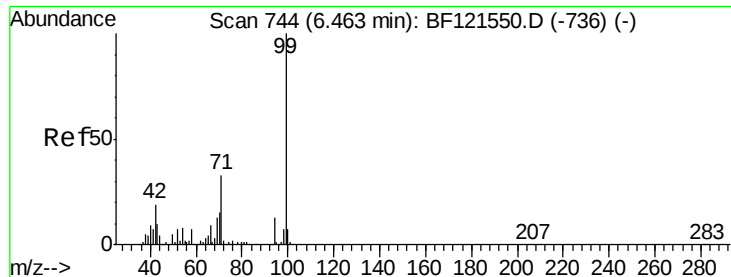


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.559 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

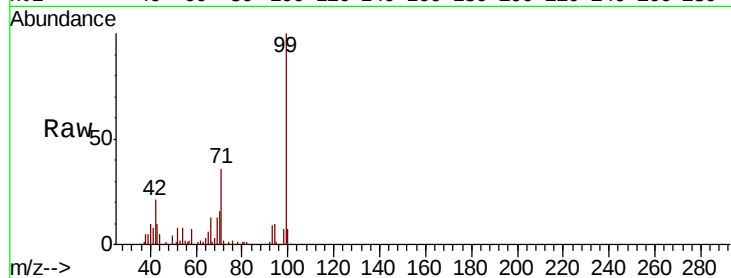
BNA_F

ClientSampleId :

PB132057BS

Tot Ion: 99 Resp: 1510495

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.9	23.9
71	35.9	27.1	40.7

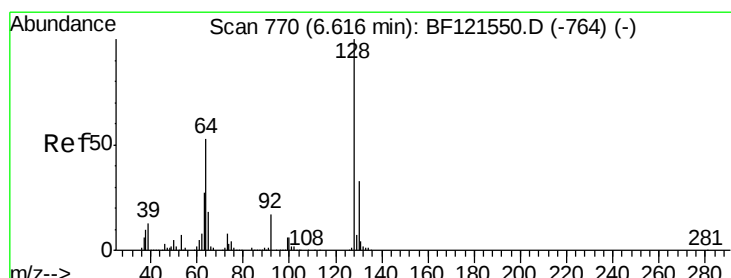
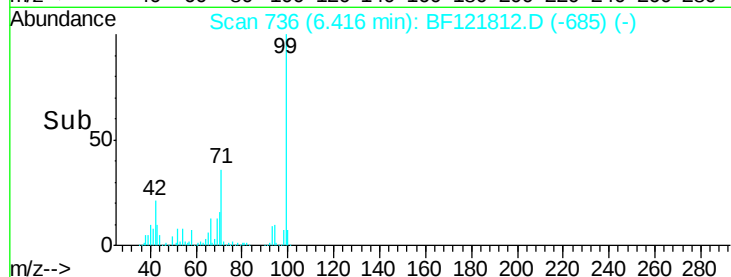


Abundance

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: 45.941 ng

RT: 6.56 min Scan# 760

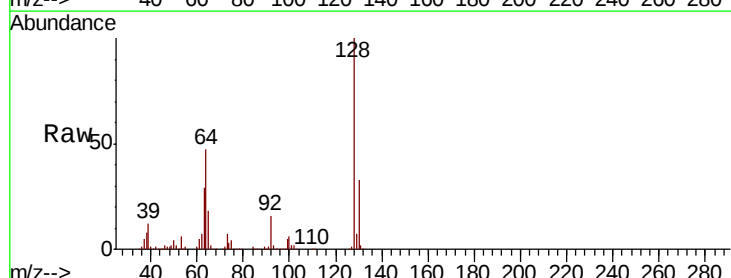
Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Tgt Ion:128 Resp: 439413

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.4	52.4
64	47.0	34.8	74.8

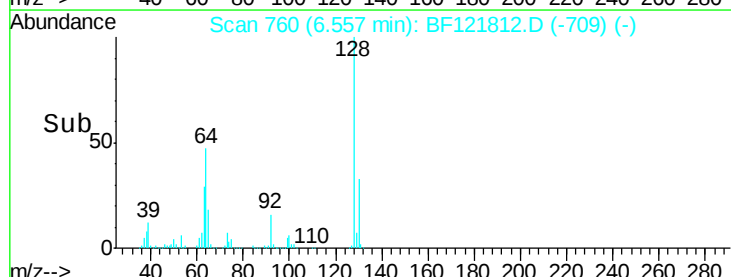


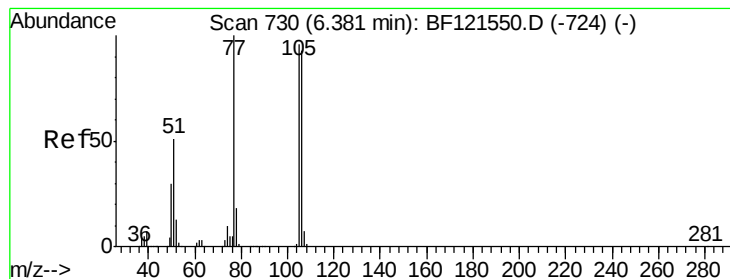
Abundance

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: 28.788 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

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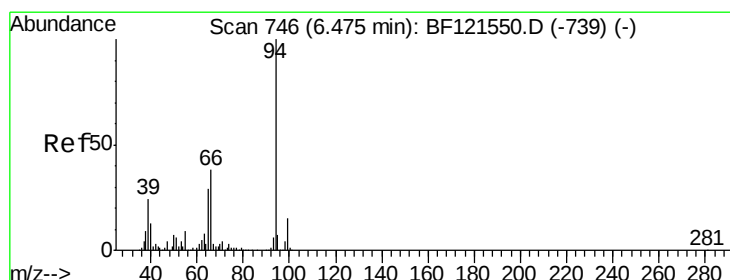
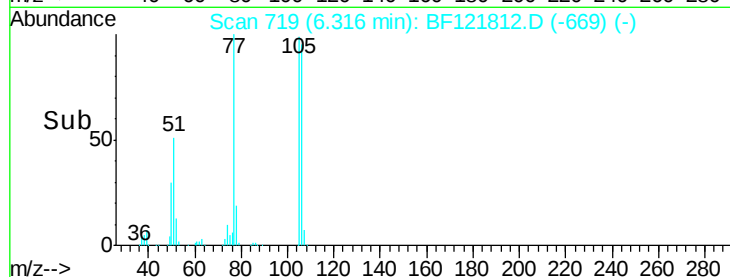
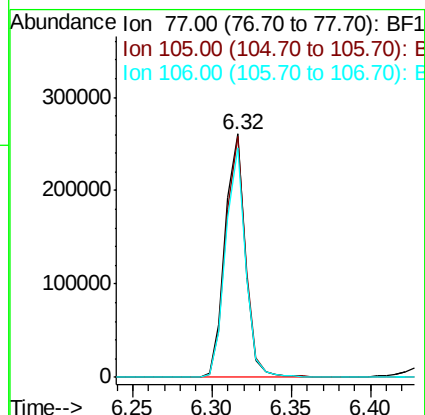
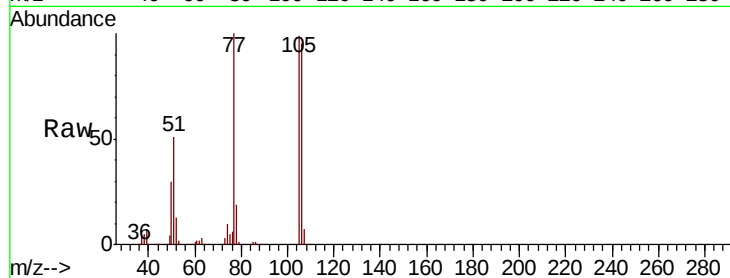
Tot Ion: 77 Resp: 231941

Ion Ratio Lower Upper

77 100

105 98.9 76.7 116.7

106 94.5 71.3 111.3



#10

Phenol

Concen: 39.413 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

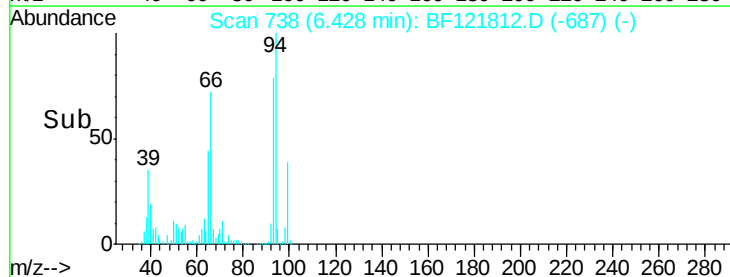
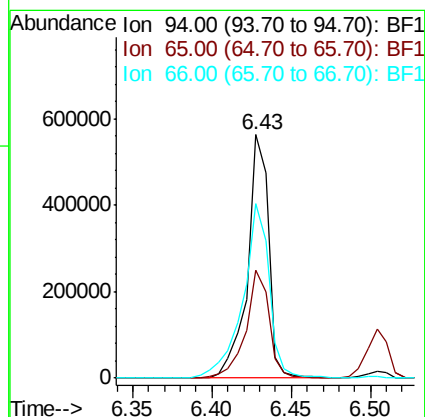
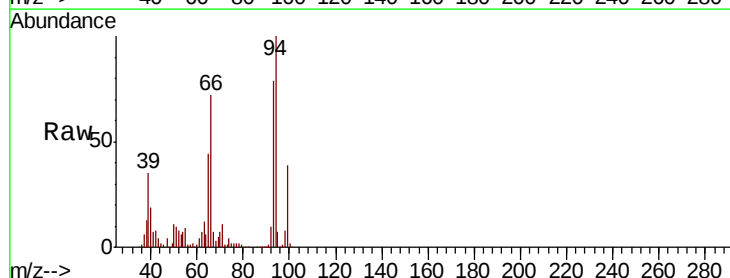
Tgt Ion: 94 Resp: 517270

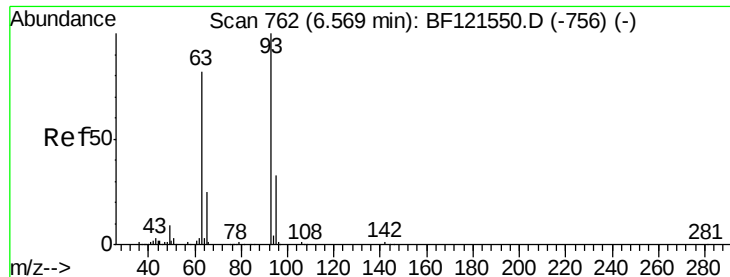
Ion Ratio Lower Upper

94 100

65 44.2 17.1 57.1

66 71.9 36.0 76.0

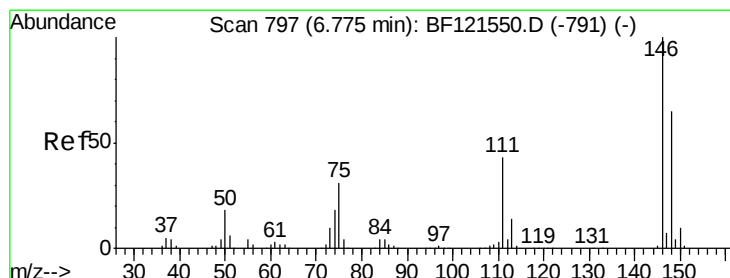
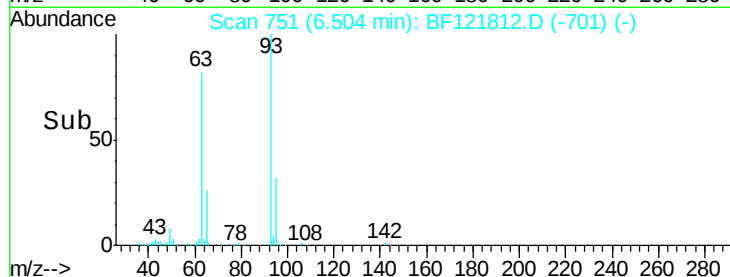
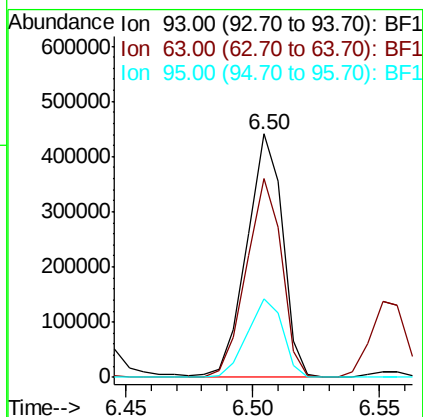
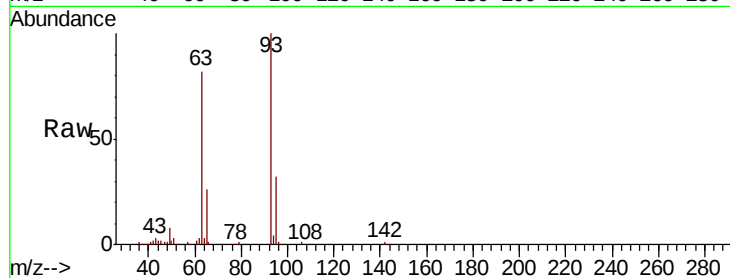




#11
 bis(2-Chloroethyl)ether
 Concen: 43.773 ng
 RT: 6.50 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

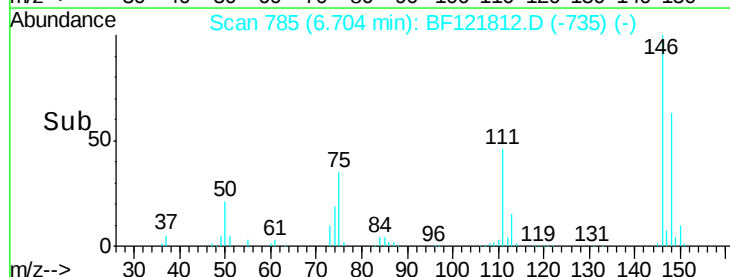
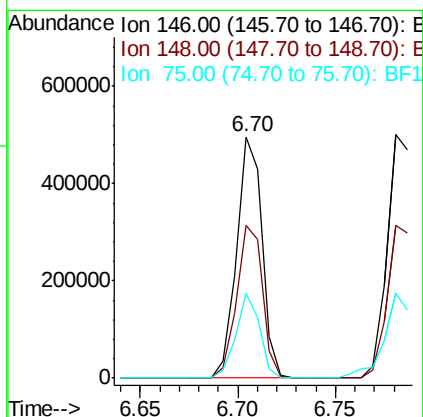
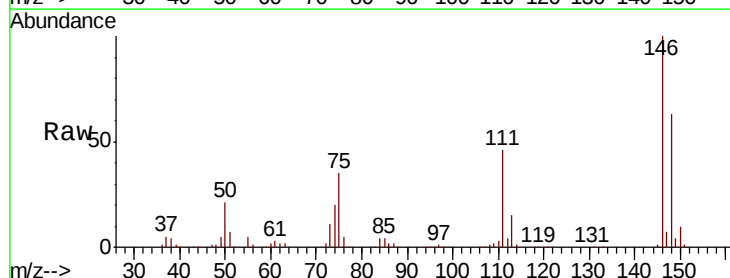
Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

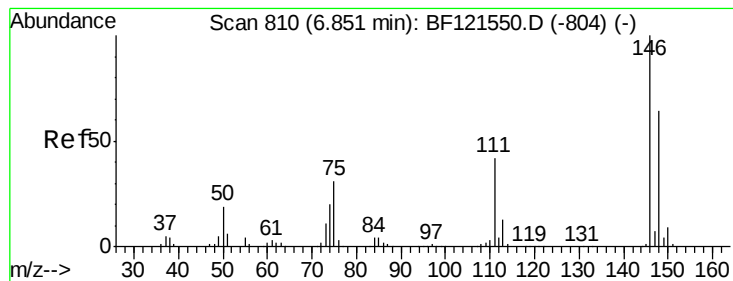
Tot Ion: 93 Resp: 432983
 Ion Ratio Lower Upper
 93 100
 63 81.6 62.4 102.4
 95 32.3 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 41.942 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion: 146 Resp: 447760
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.4
 75 35.0 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 42.494 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

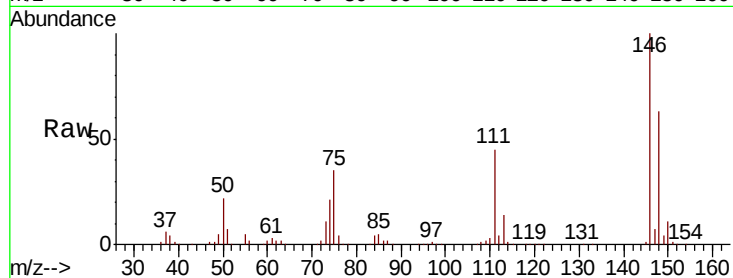
Tot Ion:146 Resp: 455510

Ion Ratio Lower Upper

146 100

148 62.8 50.1 75.1

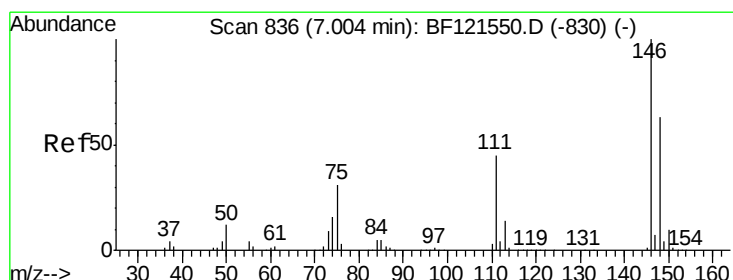
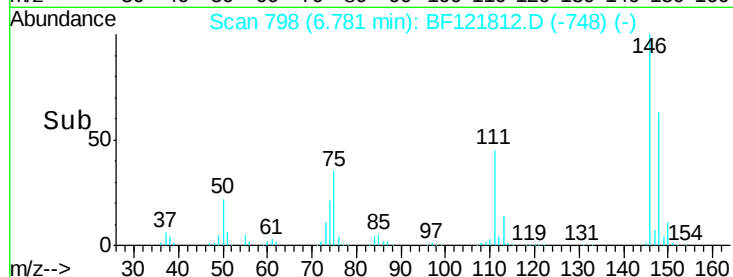
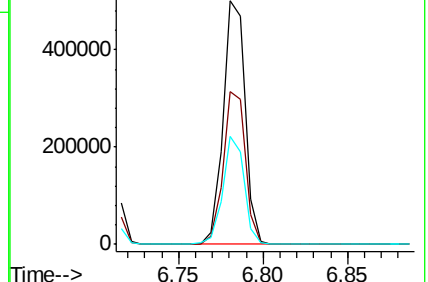
111 44.5 34.6 52.0



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: 41.973 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

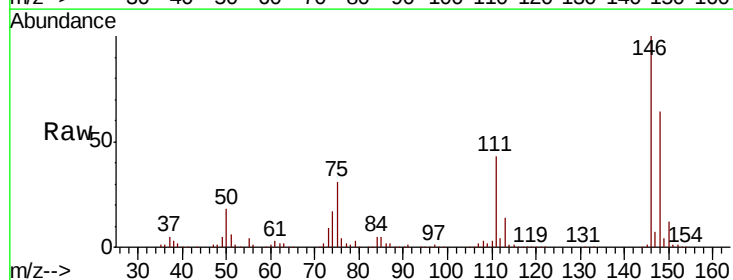
Tgt Ion:146 Resp: 414481

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

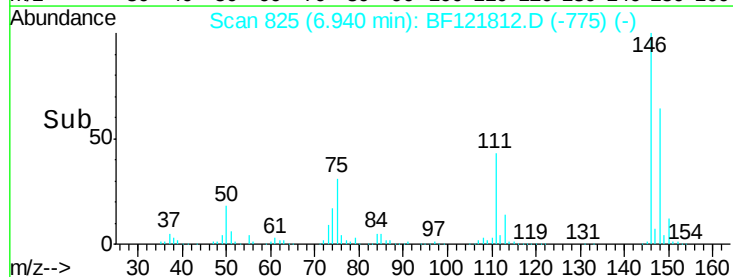
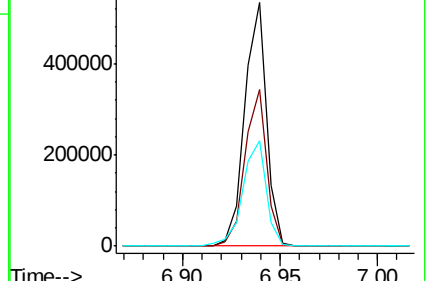
111 43.5 34.2 51.4

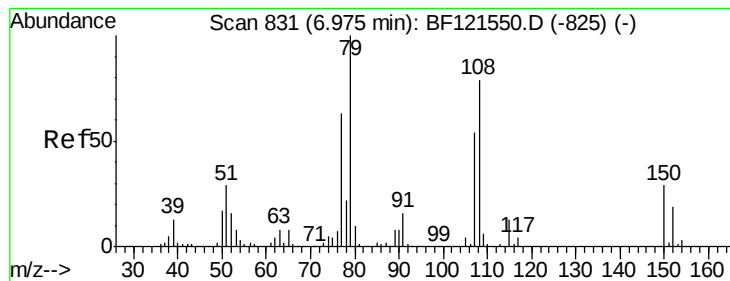


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.259 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleID :

PB132057BS

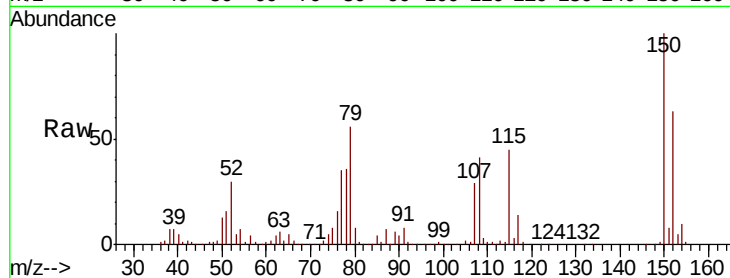
Tot Ion: 79 Resp: 354000

Ion Ratio Lower Upper

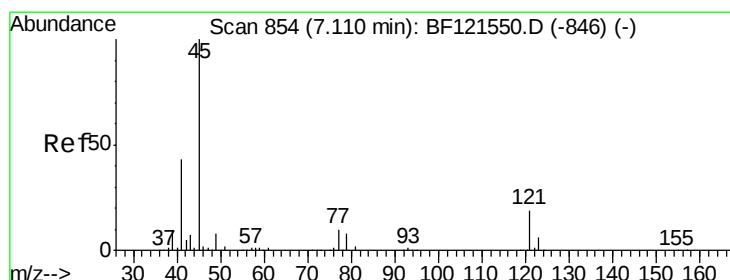
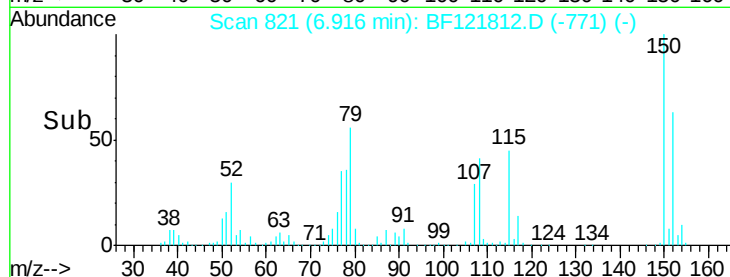
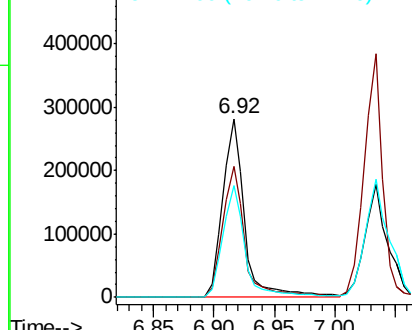
79 100

108 73.2 62.3 93.5

77 62.7 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.304 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

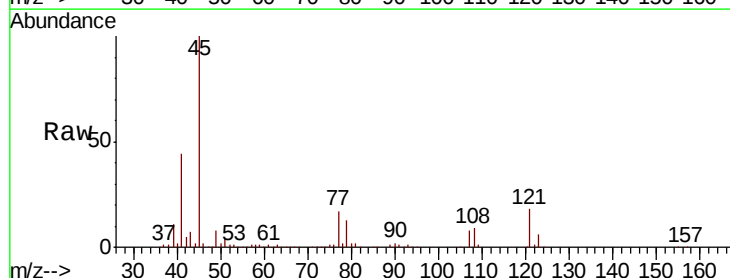
Tgt Ion: 45 Resp: 673375

Ion Ratio Lower Upper

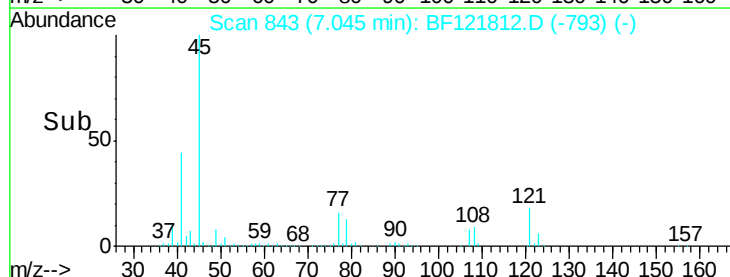
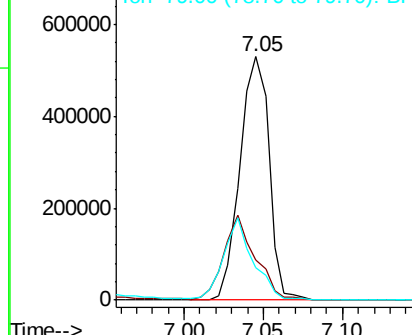
45 100

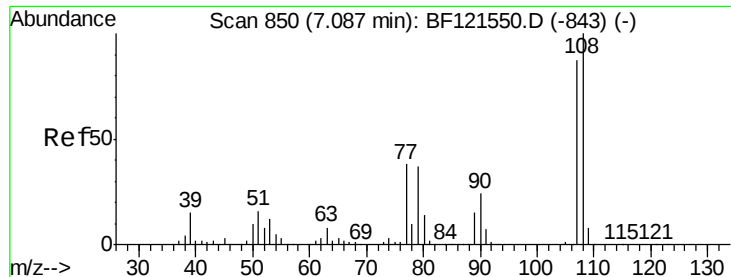
77 16.6 0.0 33.3

79 13.4 0.0 30.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

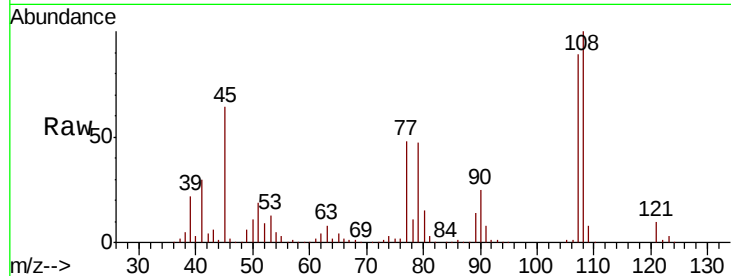




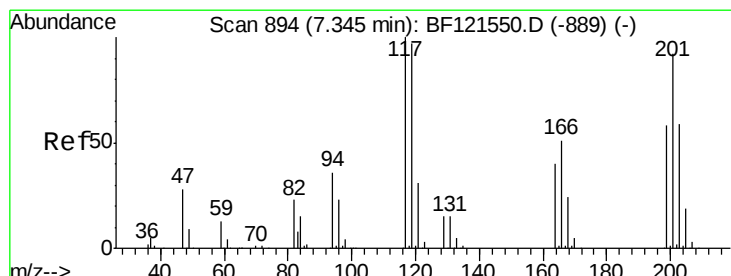
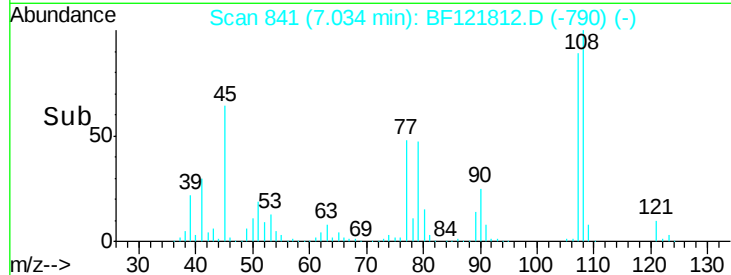
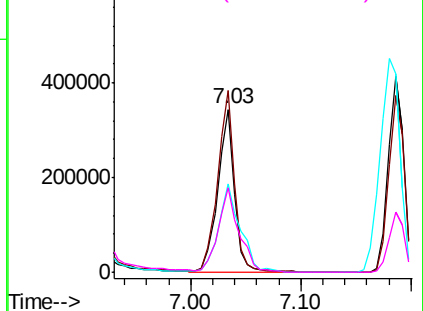
#17
2-Methylphenol
Concen: 44.638 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion:	107	Resp:	363276
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.9	136.3
77	54.1	37.5	56.3
79	52.1	37.4	56.0

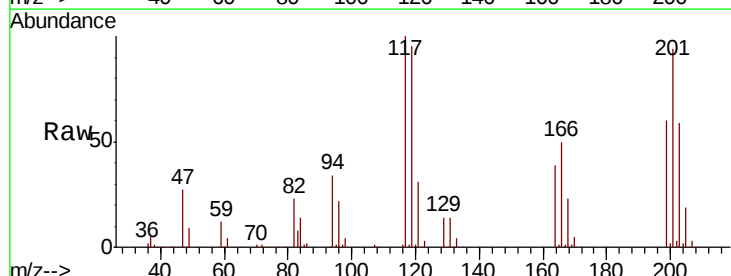


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

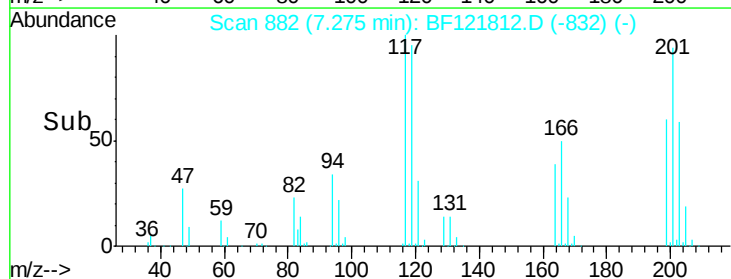
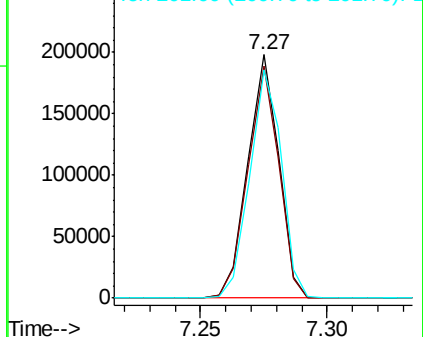


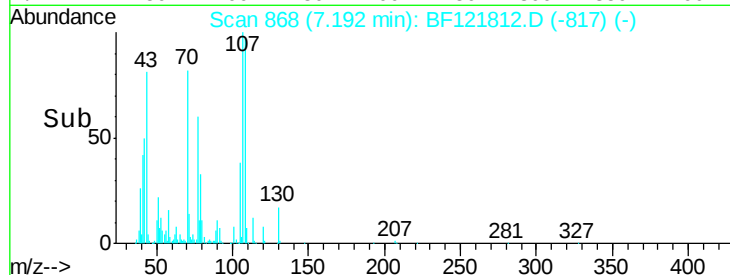
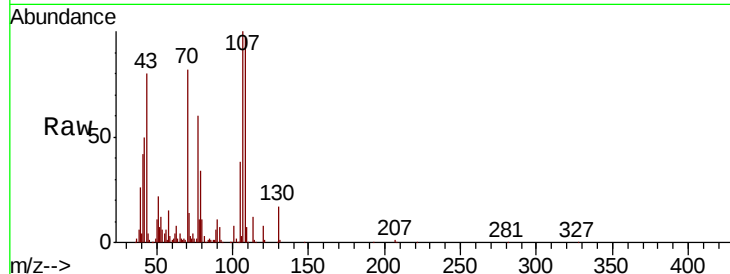
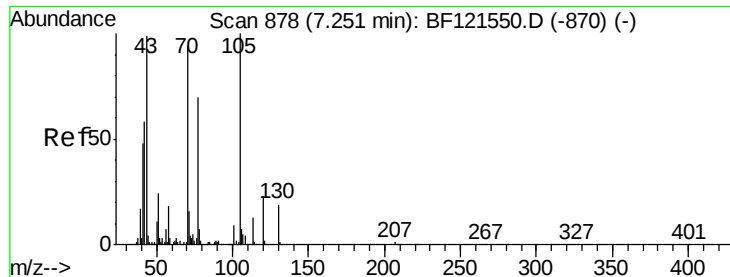
#18
Hexachloroethane
Concen: 43.975 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:	117	Resp:	168785
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.3	114.5
201	93.9	71.8	107.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

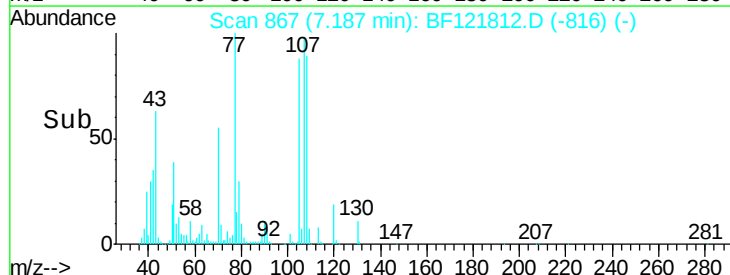
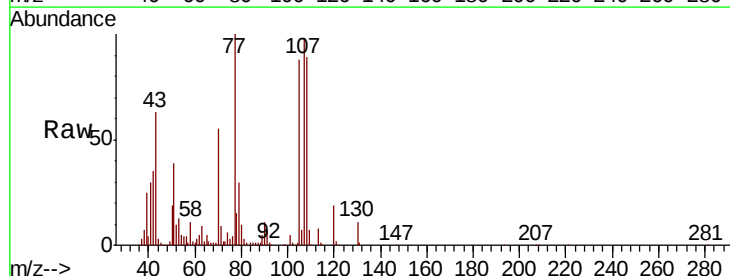
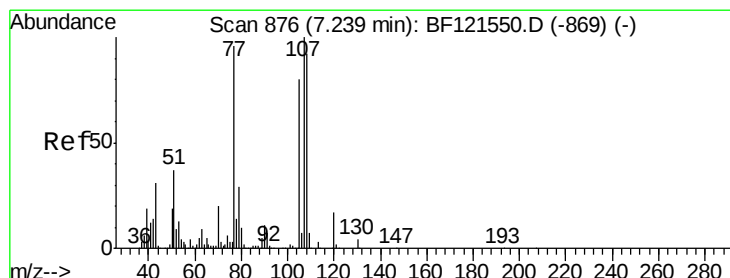
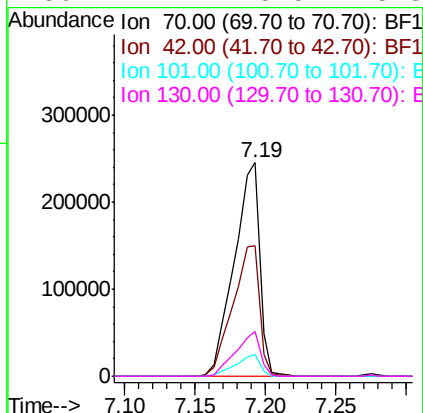




#19
n-Nitroso-di-n-propylamine
Concen: 43.642 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

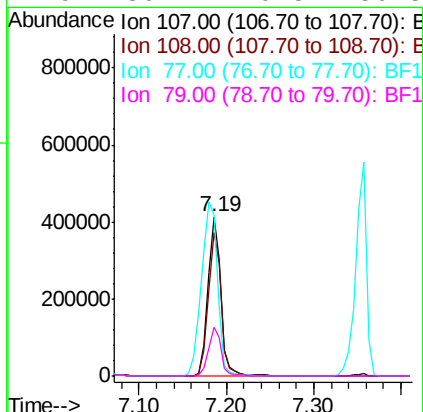
Instrument :
BNA_F
ClientSampleId :
PB132057BS

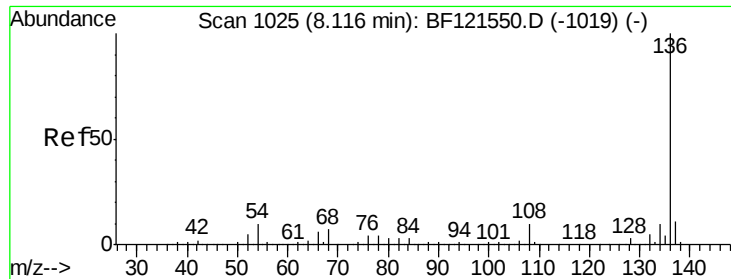
Tot Ion:	70	Resp:	309988
Ion	Ratio	Lower	Upper
70	100		
42	61.2	50.2	75.4
101	10.0	7.5	11.3
130	21.2	15.5	23.3



#20
3+4-Methylphenols
Concen: 43.328 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:	107	Resp:	423655
Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.9	108.9
77	101.6	108.0	148.0#
79	30.4	10.5	50.5

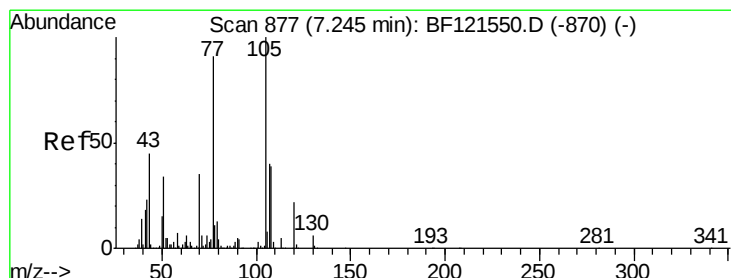
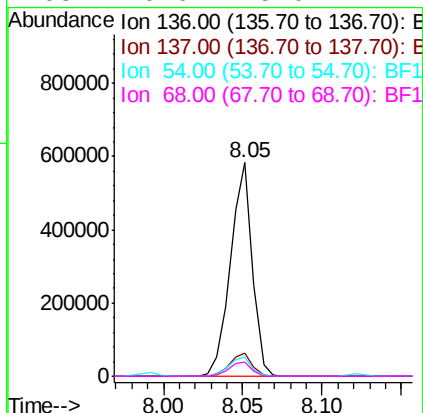
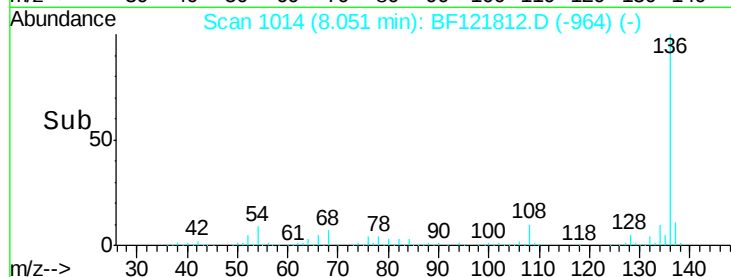
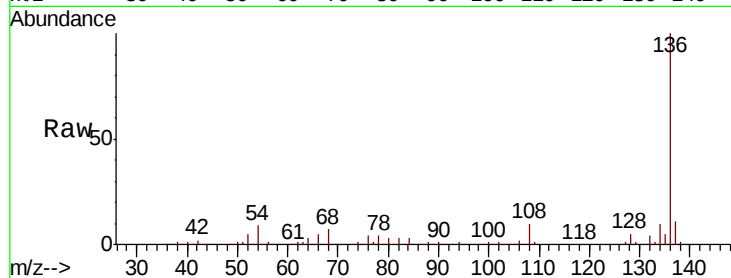




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

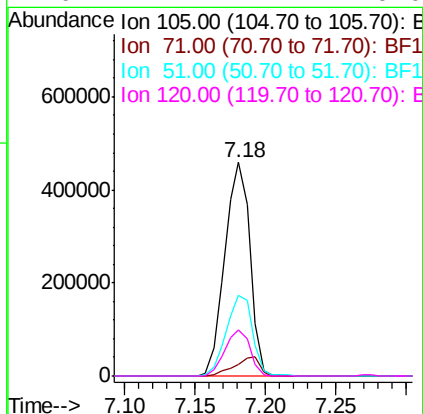
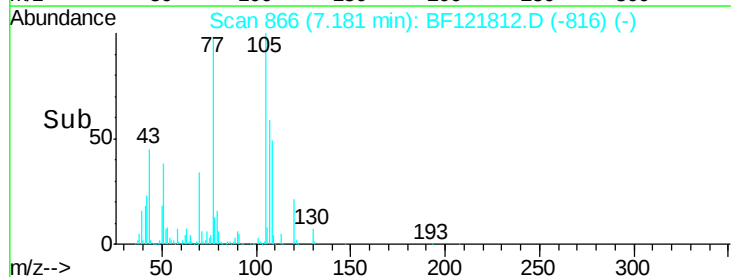
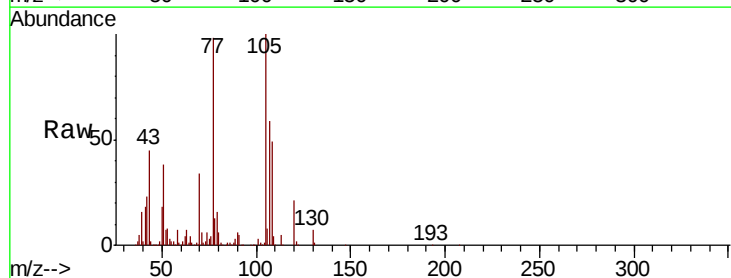
Instrument :
BNA_F
ClientSampleId :
PB132057BS

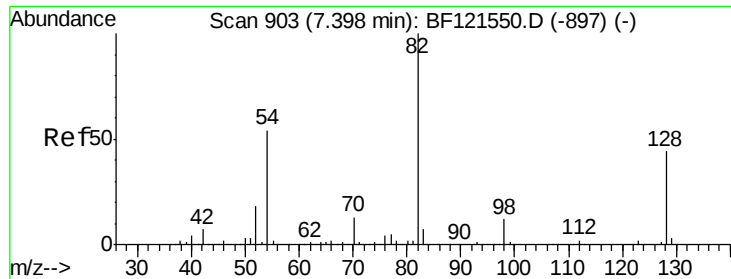
Tot Ion:136	Resp:	553876
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 13.0
54	9.0	7.1 10.7
68	6.6	5.0 7.4



#22
Acetophenone
Concen: 40.388 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:105	Resp:	567565
Ion Ratio	Lower	Upper
105	100	
71	5.6	5.3 7.9
51	37.8	33.2 49.8
120	21.4	17.4 26.0

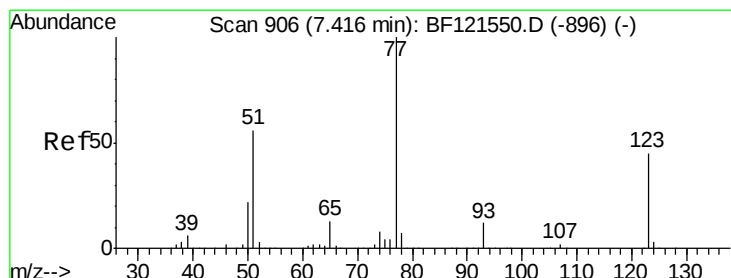
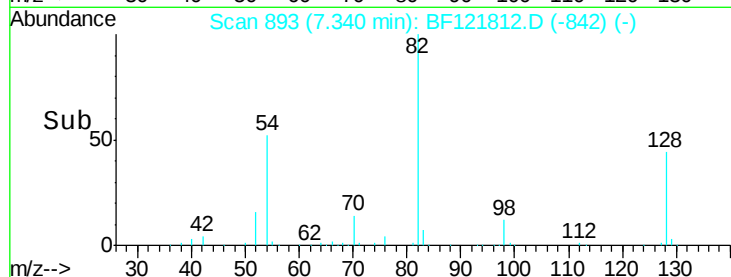
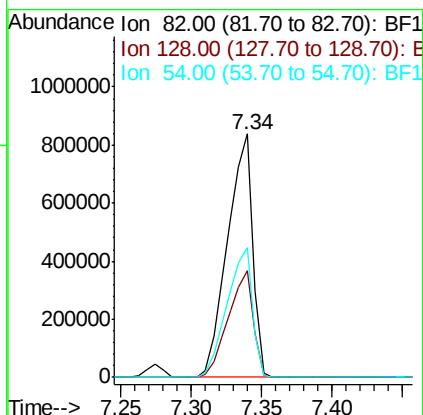
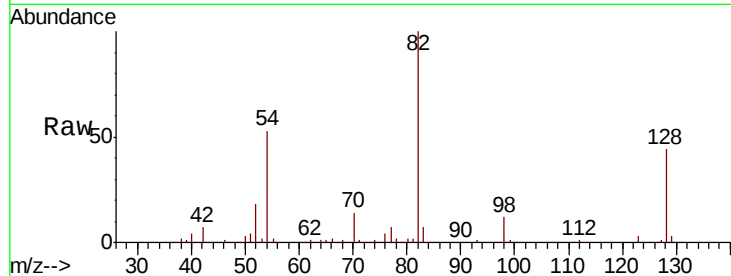




#23
 Nitrobenzene-d5
 Concen: 100.351 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

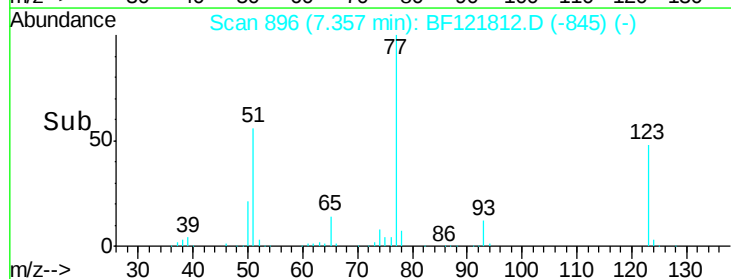
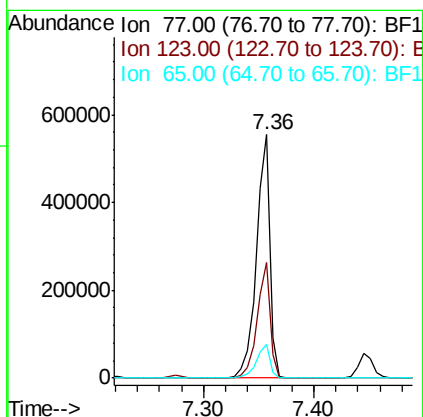
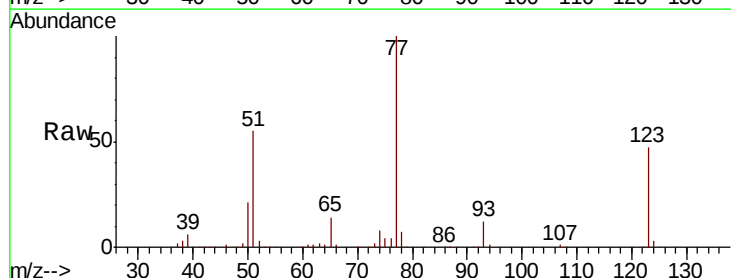
Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

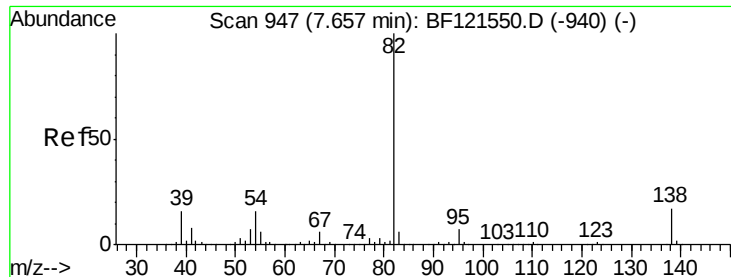
Tot Ion: 82 Resp: 1035201
 Ion Ratio Lower Upper
 82 100
 128 43.8 35.0 52.4
 54 53.1 43.9 65.9



#24
 Nitrobenzene
 Concen: 42.642 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion: 77 Resp: 475761
 Ion Ratio Lower Upper
 77 100
 123 47.3 35.6 53.4
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 42.254 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

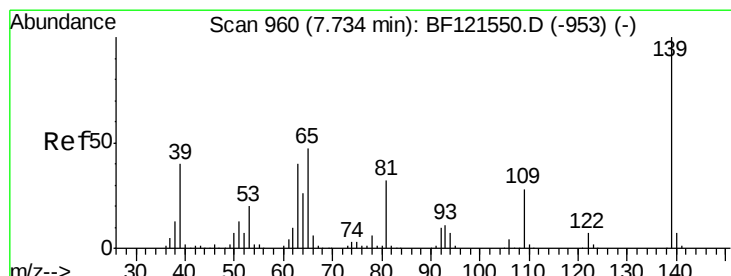
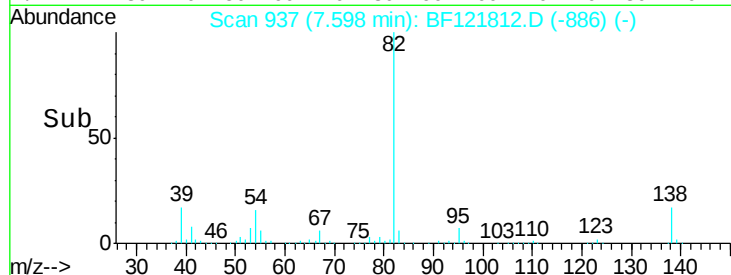
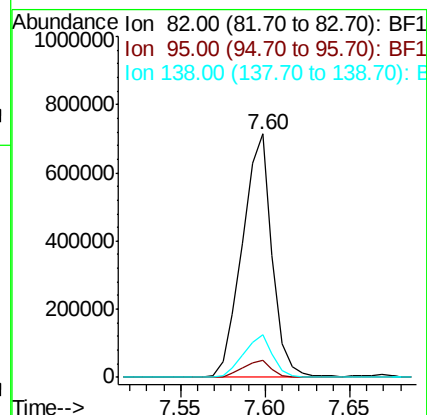
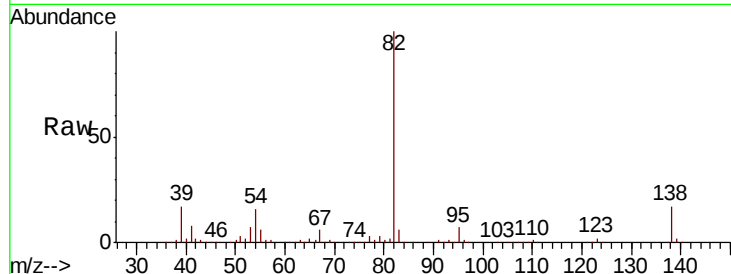
Tot Ion: 82 Resp: 877444

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

138 17.3 13.4 20.0



#26

2-Nitrophenol

Concen: 44.735 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

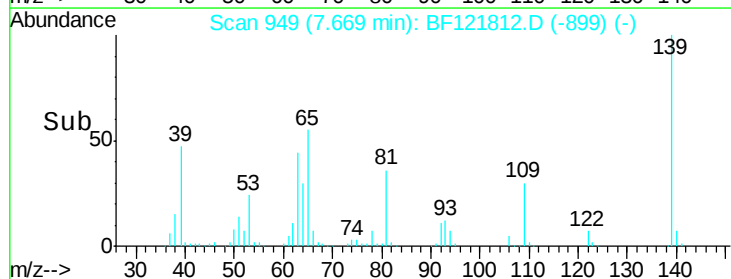
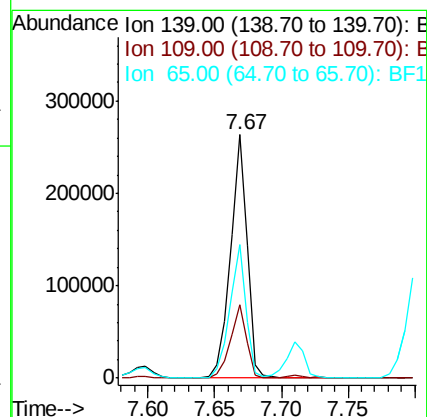
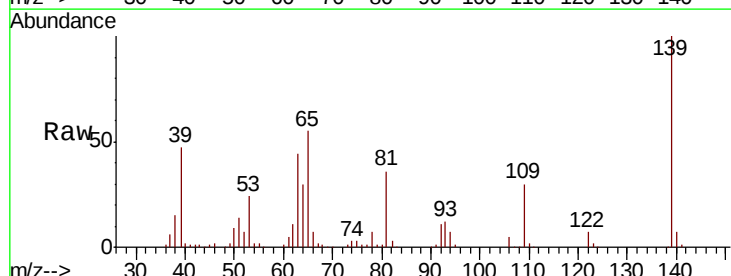
Tgt Ion: 139 Resp: 234004

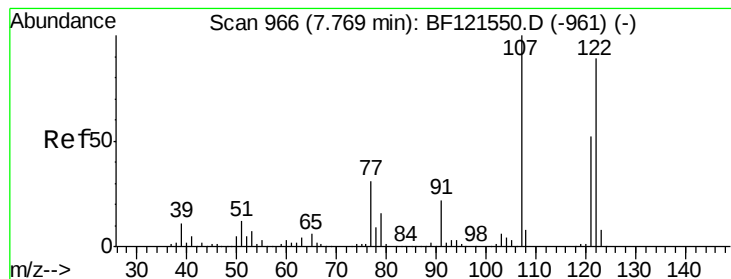
Ion Ratio Lower Upper

139 100

109 30.0 23.0 34.4

65 54.7 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 39.173 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampled :

PB132057BS

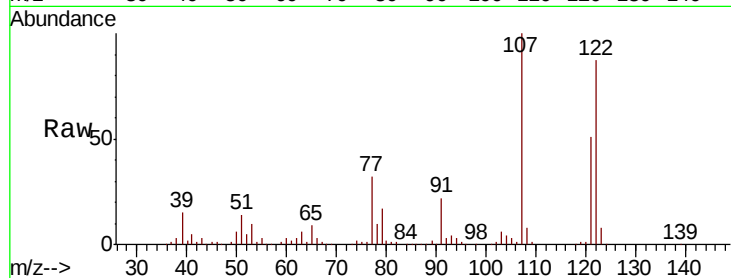
Tot Ion:122 Resp: 363117

Ion Ratio Lower Upper

122 100

107 115.1 90.8 136.2

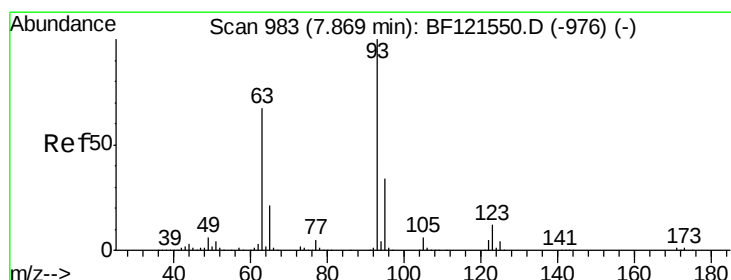
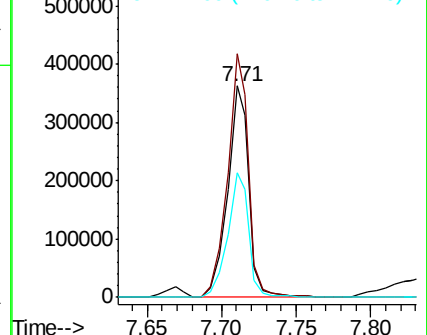
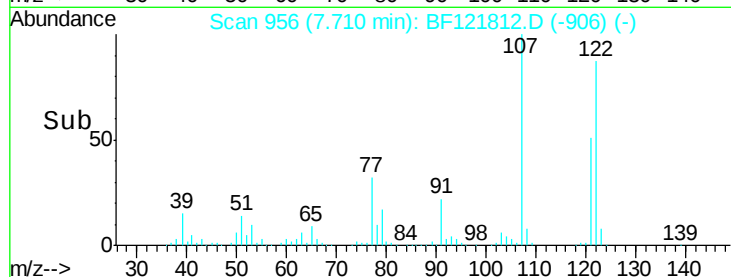
121 58.7 47.5 71.3



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: 42.677 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

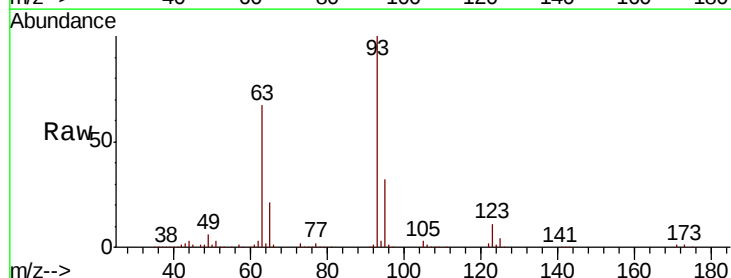
Tgt Ion: 93 Resp: 548638

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

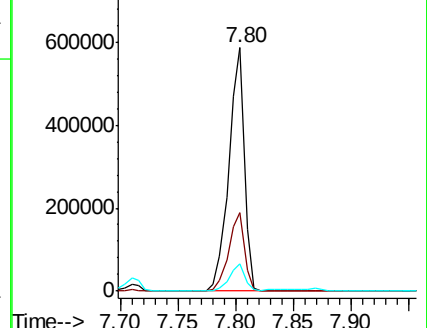
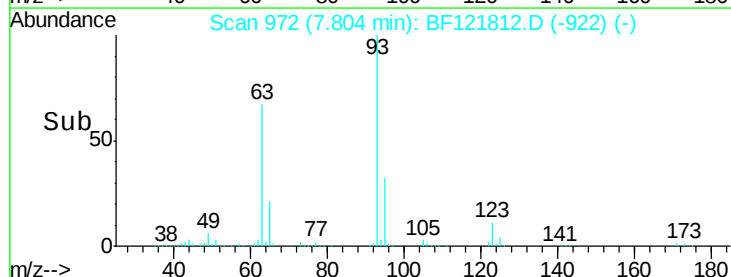
123 11.2 8.8 13.2

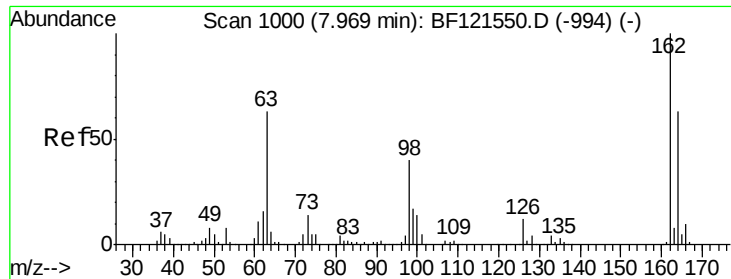


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

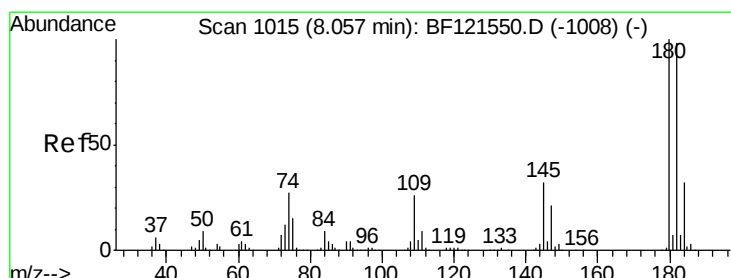
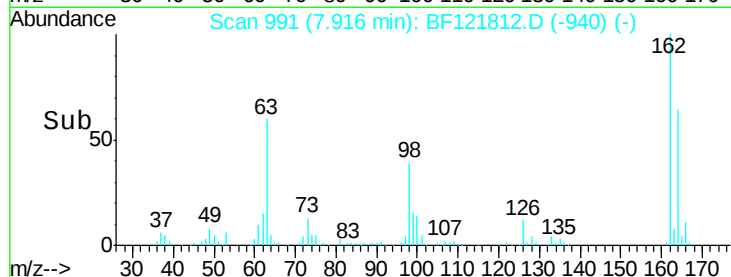
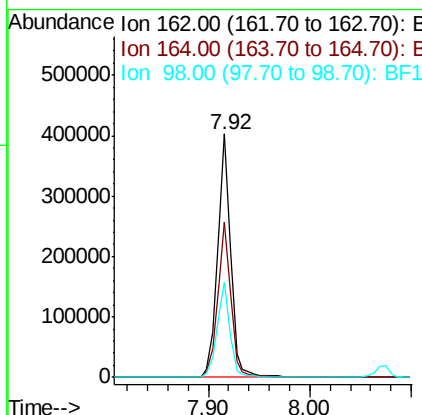
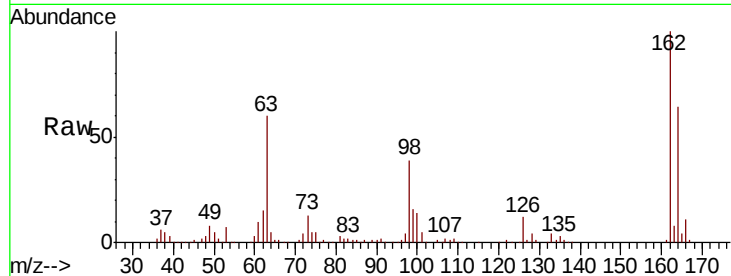




#29
2,4-Dichlorophenol
Concen: 43.088 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

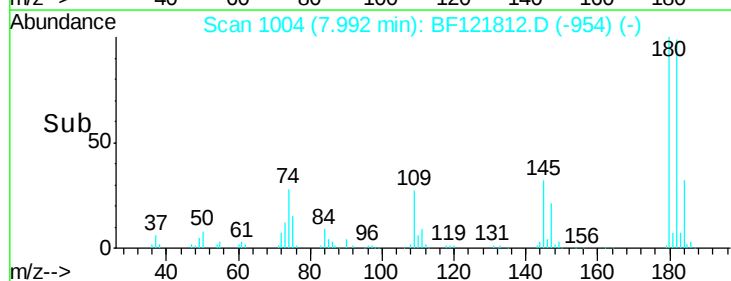
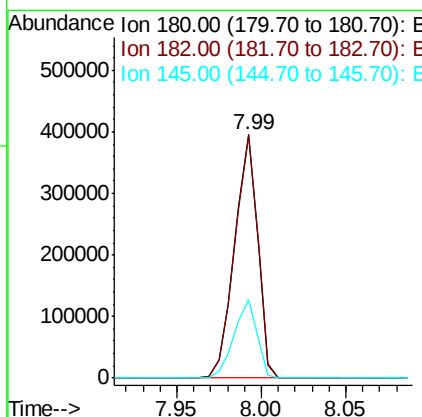
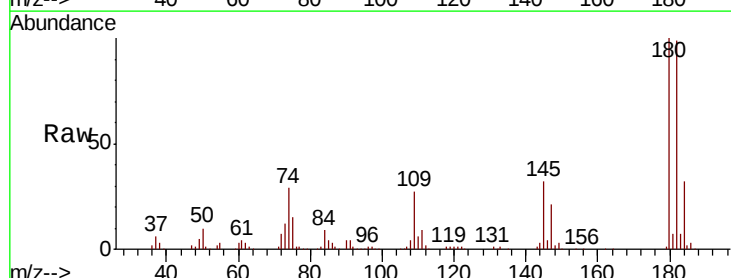
Instrument :
BNA_F
ClientSampleID :
PB132057BS

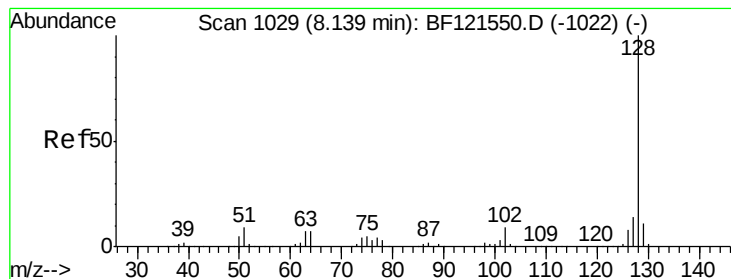
Tot Ion:162 Resp: 363777
Ion Ratio Lower Upper
162 100
164 63.6 42.5 82.5
98 38.9 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 42.052 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:180 Resp: 373912
Ion Ratio Lower Upper
180 100
182 99.3 79.4 119.2
145 32.3 25.5 38.3





#31

Naphthalene

Concen: 41.206 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

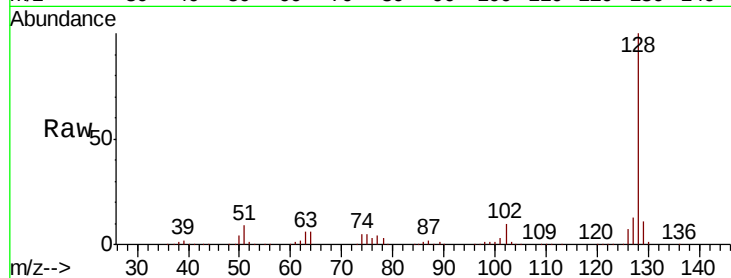
Tot Ion:128 Resp: 1204786

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

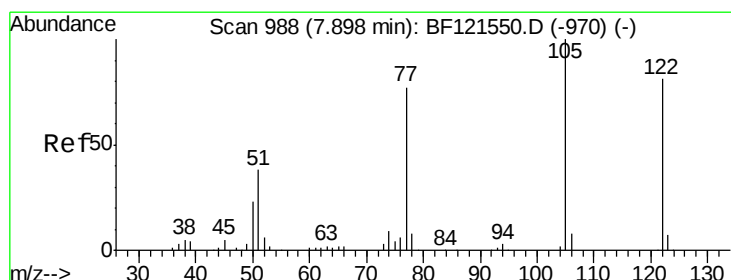
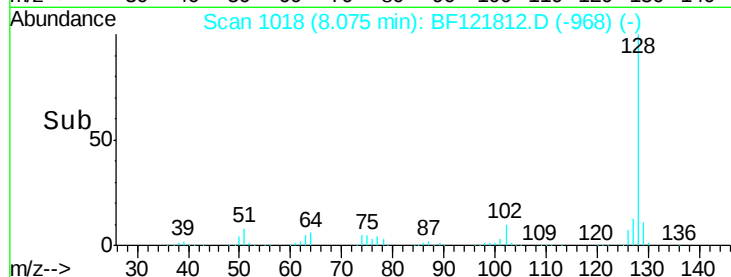
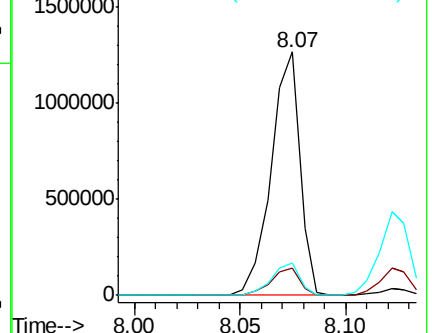
127 13.4 10.8 16.2



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: 31.924 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

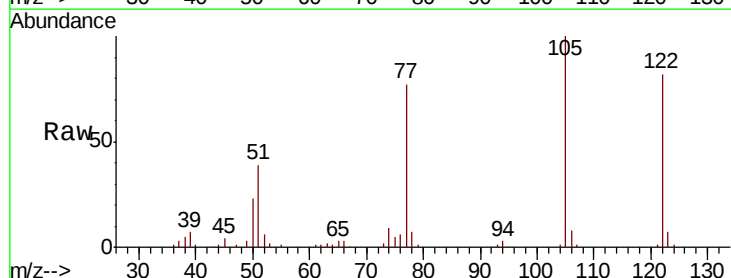
Tgt Ion:122 Resp: 202010

Ion Ratio Lower Upper

122 100

105 121.3 103.3 143.3

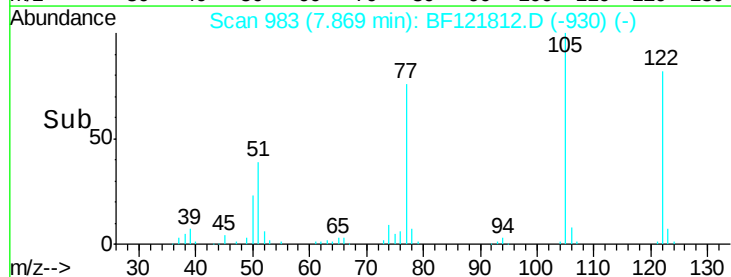
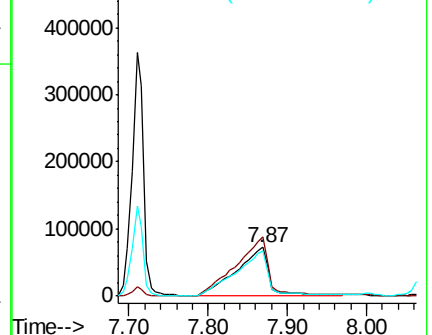
77 93.1 73.9 113.9

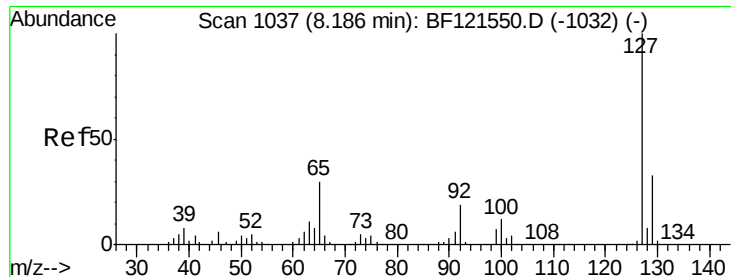


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

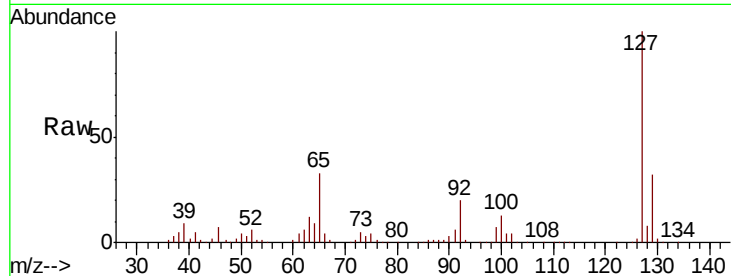




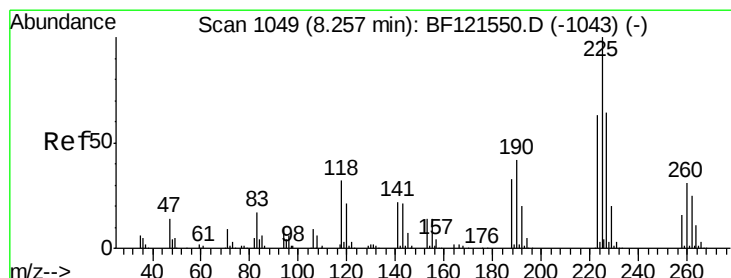
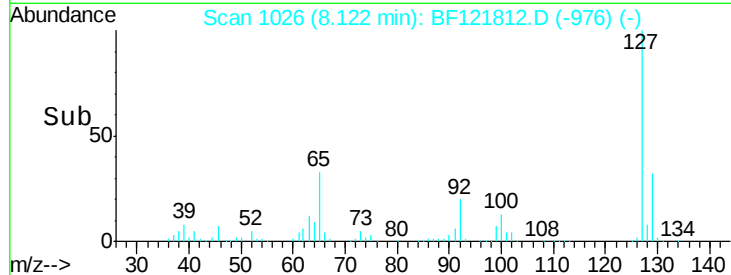
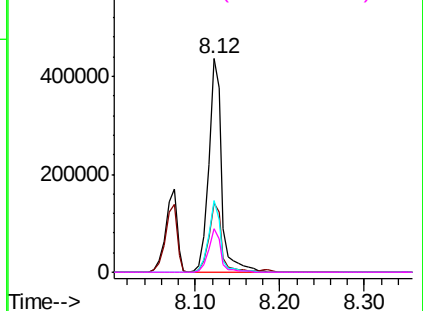
#33
4-Chloroaniline
Concen: 36.981 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion:	127	Resp:	468705
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	33.3	26.2	39.2
92	20.1	15.9	23.9

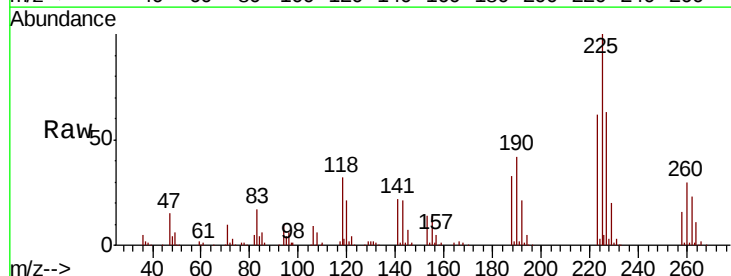


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

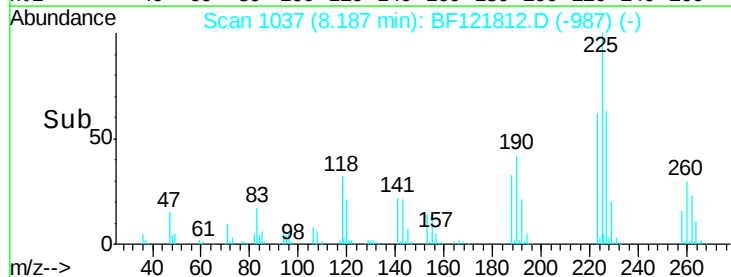
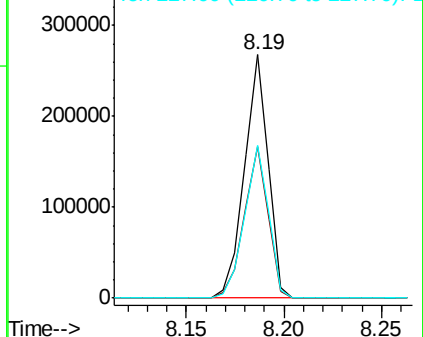


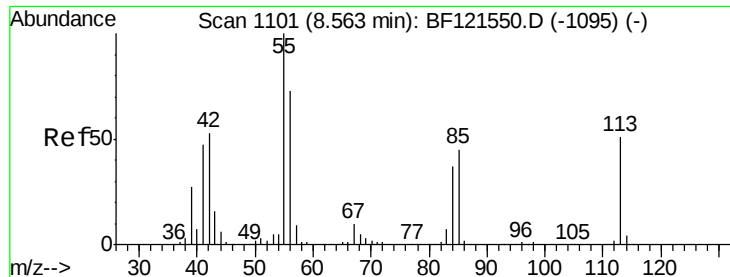
#34
Hexachlorobutadiene
Concen: 43.289 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:	225	Resp:	225933
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.1	76.7
227	62.7	51.0	76.6



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

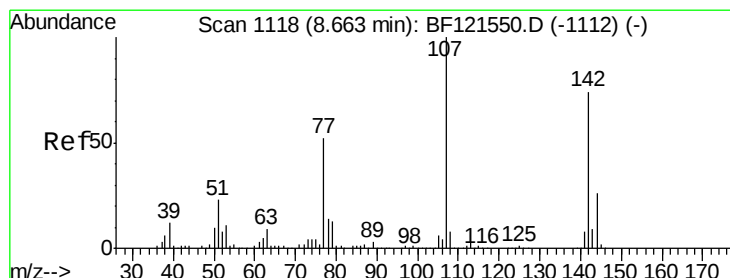
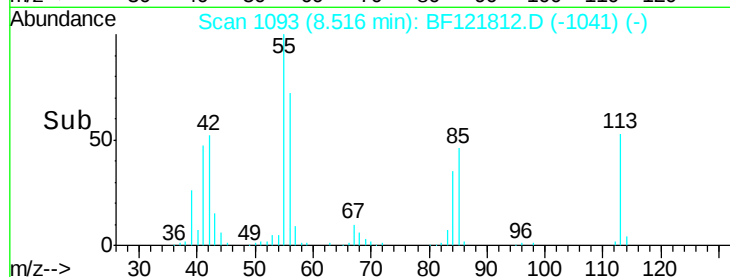
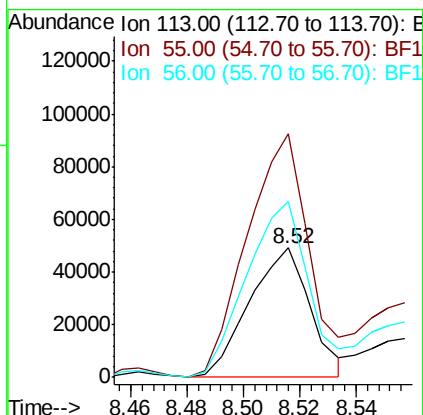
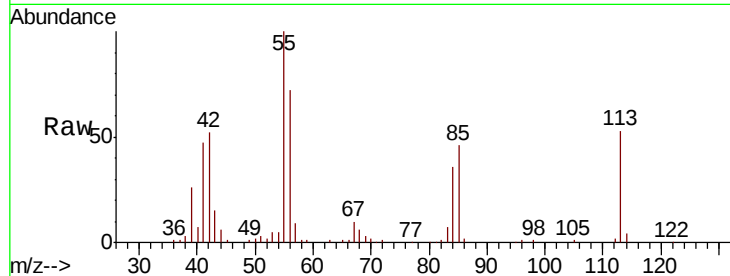




#35
Caprolactam
Concen: 26.154 ng
RT: 8.52 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

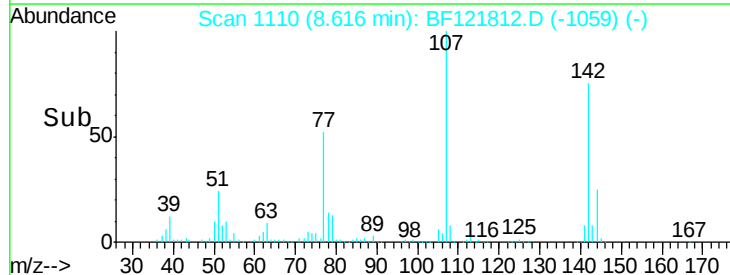
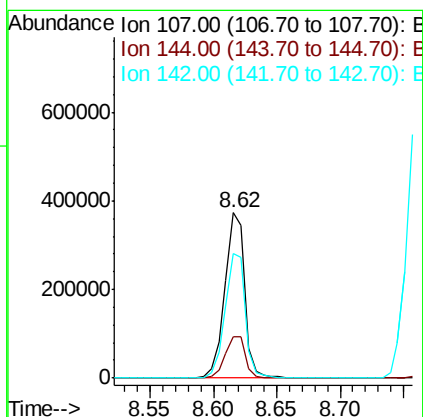
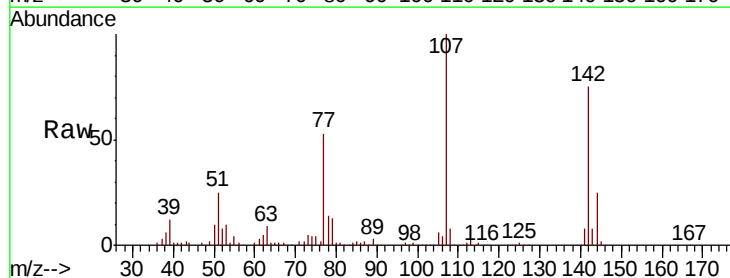
Instrument :
BNA_F
ClientSampleId :
PB132057BS

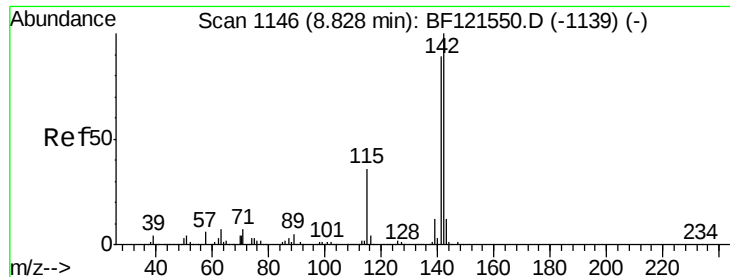
Tot Ion:113 Resp: 73534
Ion Ratio Lower Upper
113 100
55 188.1 167.5 207.5
56 135.4 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 44.582 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:107 Resp: 405469
Ion Ratio Lower Upper
107 100
144 25.1 20.1 30.1
142 75.3 59.3 88.9

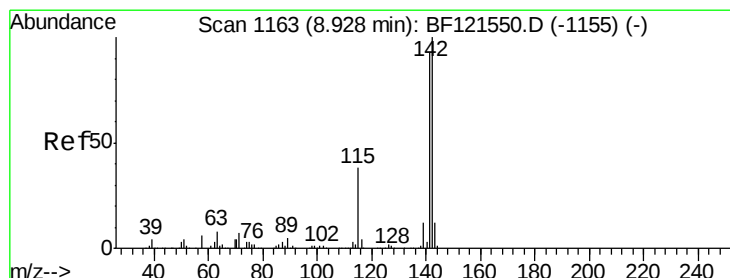
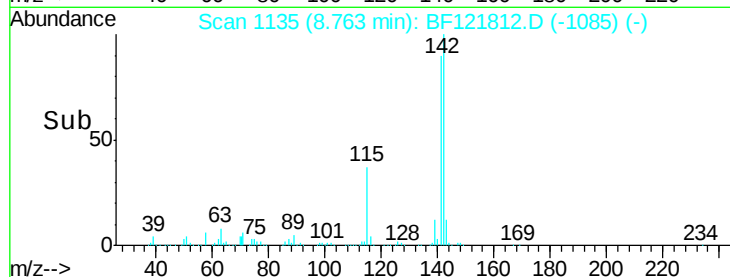
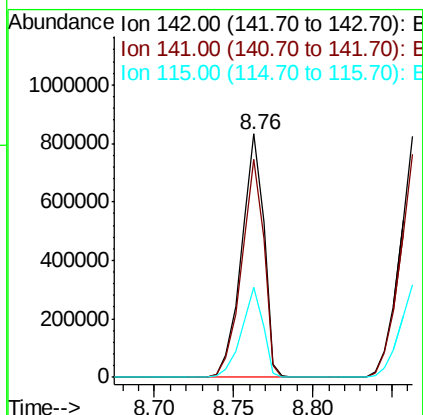
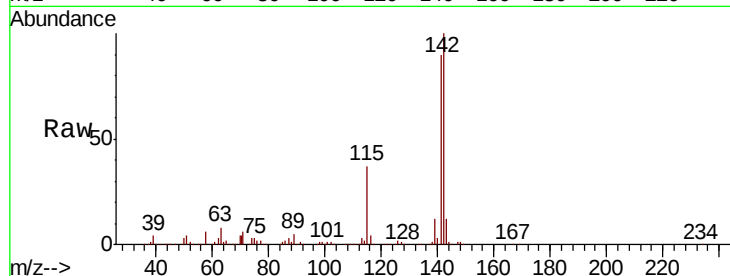




#37
2-Methylnaphthalene
Concen: 42.426 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

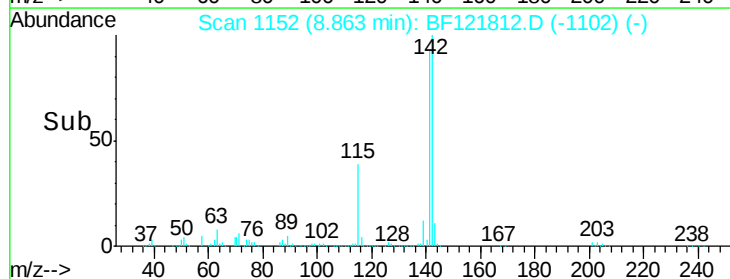
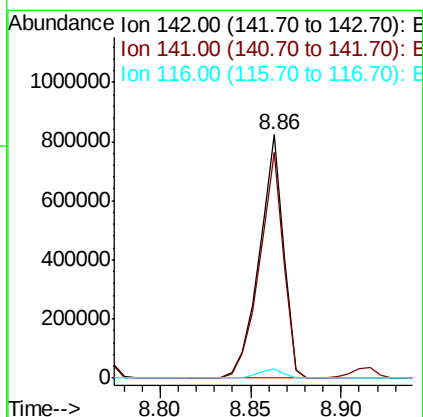
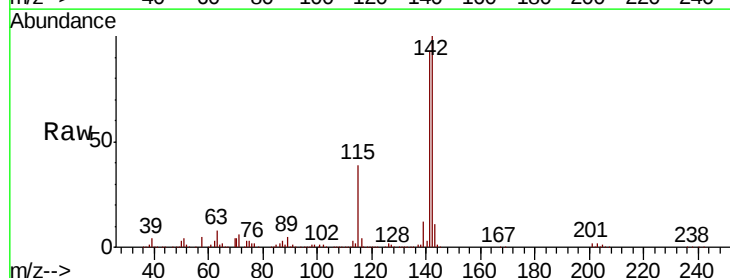
Instrument :
BNA_F
ClientSampleId :
PB132057BS

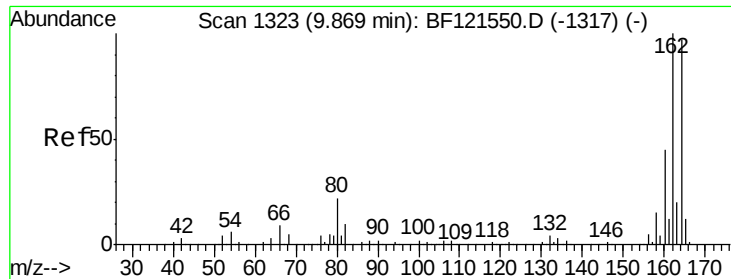
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.2	105.4
115	37.1	28.6	43.0



#38
1-Methylnaphthalene
Concen: 42.518 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.5	111.7
116	3.9	3.2	4.8

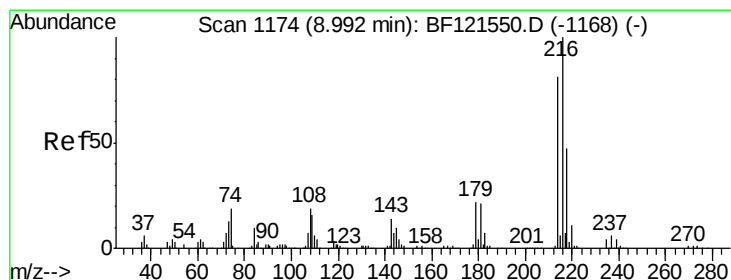
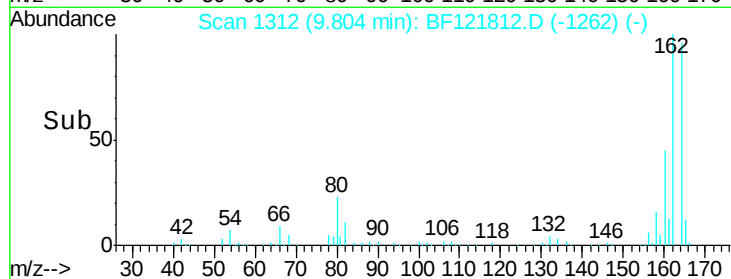
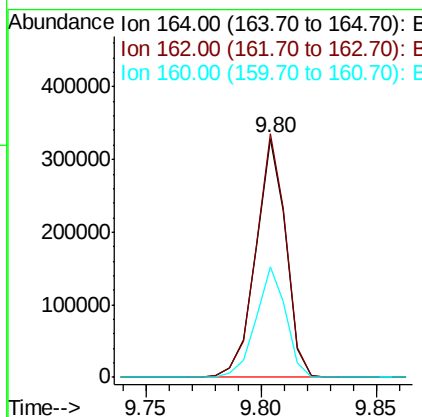
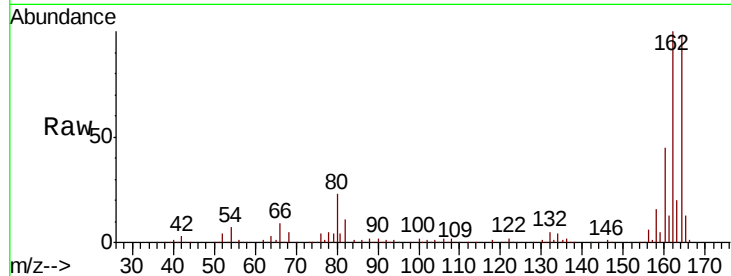




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

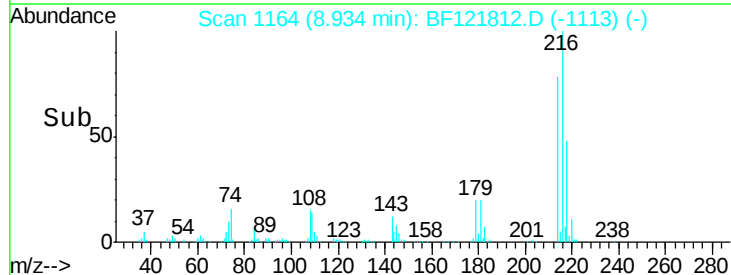
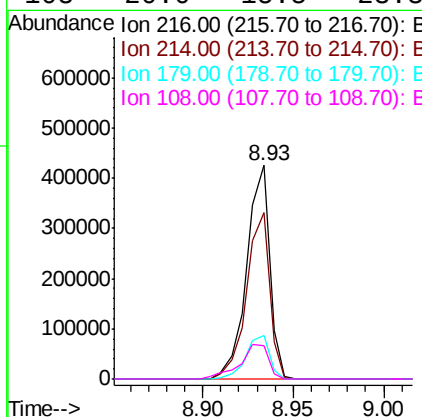
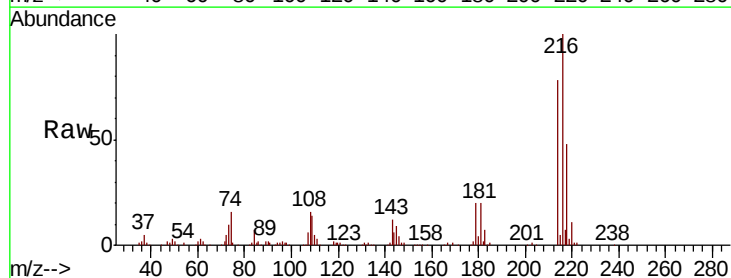
Instrument :
BNA_F
ClientSampleId :
PB132057BS

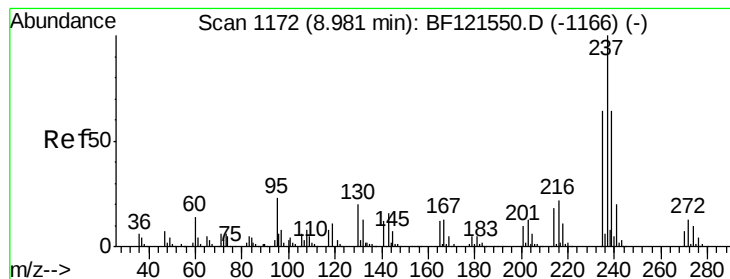
Tot Ion:164 Resp: 299114
Ion Ratio Lower Upper
164 100
162 101.9 83.2 124.8
160 46.0 37.5 56.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.408 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:216 Resp: 377543
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.2
179 20.9 17.0 25.6
108 20.0 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 50.001 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

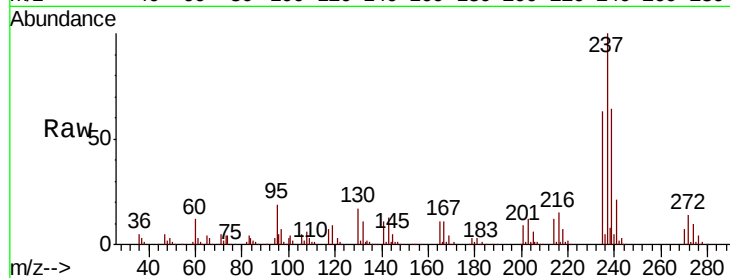
Tot Ion:237 Resp: 266793

Ion Ratio Lower Upper

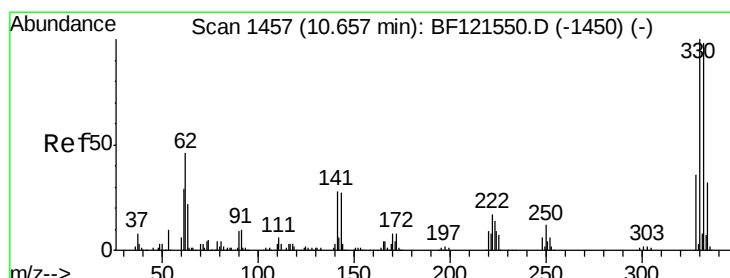
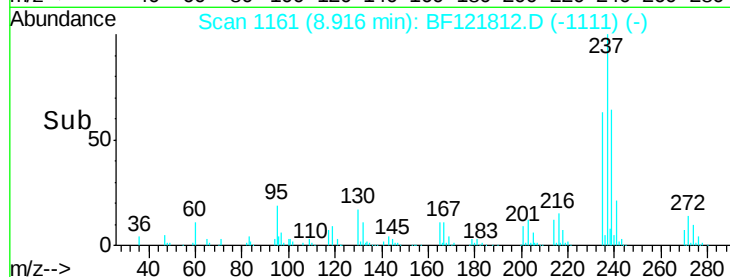
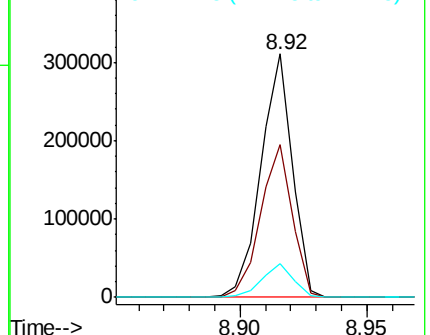
237 100

235 62.8 41.8 81.8

272 13.9 0.0 33.5



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: 144.007 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

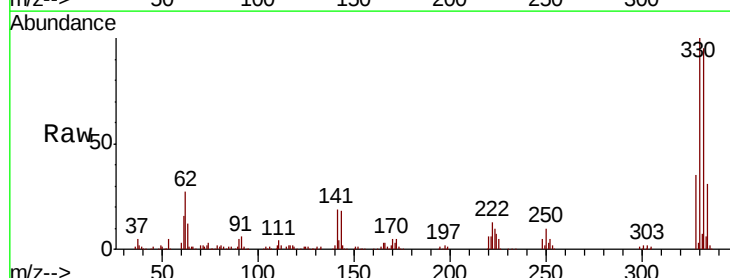
Tgt Ion:330 Resp: 535357

Ion Ratio Lower Upper

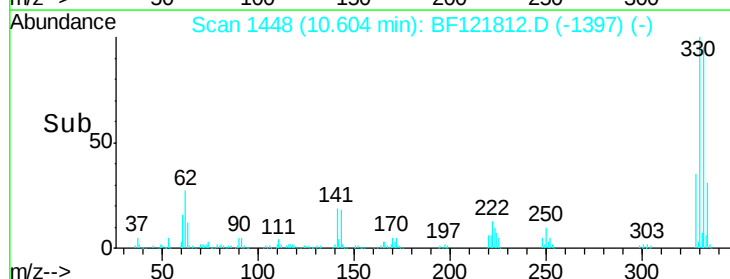
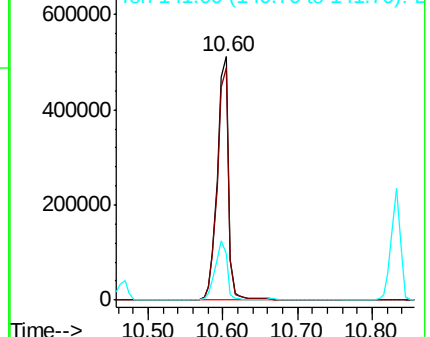
330 100

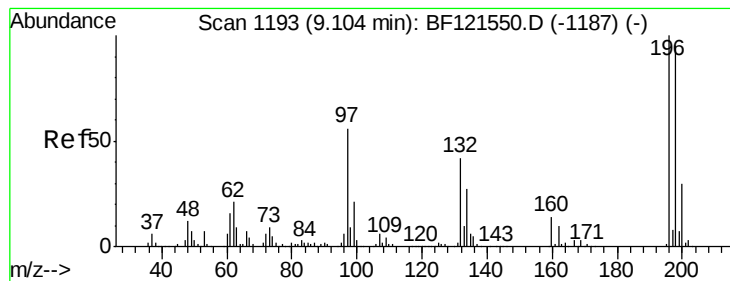
332 95.9 77.3 115.9

141 26.0 22.3 33.5



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





#43

2,4,6-Trichlorophenol

Concen: 41.314 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

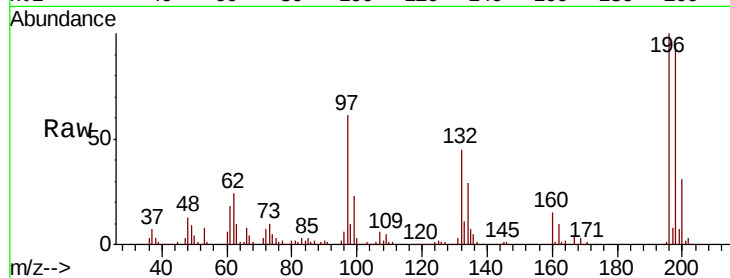
Tot Ion:196 Resp: 263112

Ion Ratio Lower Upper

196 100

198 94.5 75.8 113.6

200 30.7 24.6 36.8

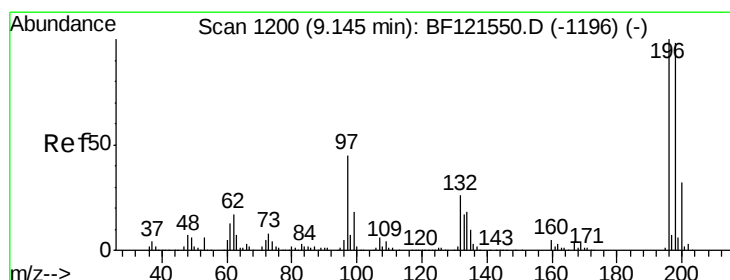
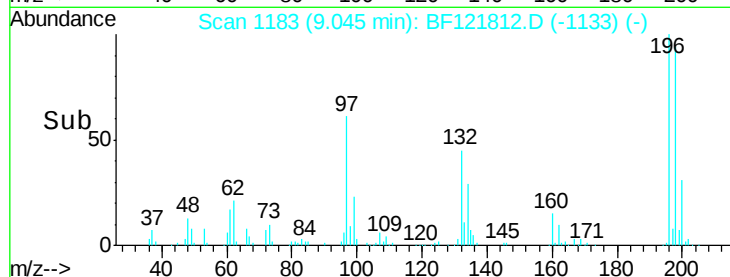
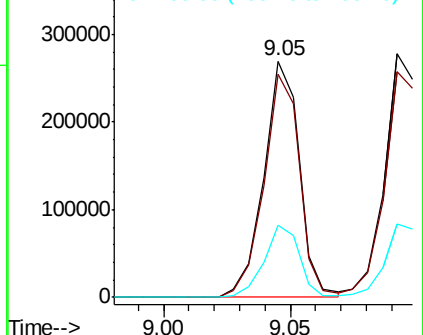


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.852 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Tgt Ion:196 Resp: 281775

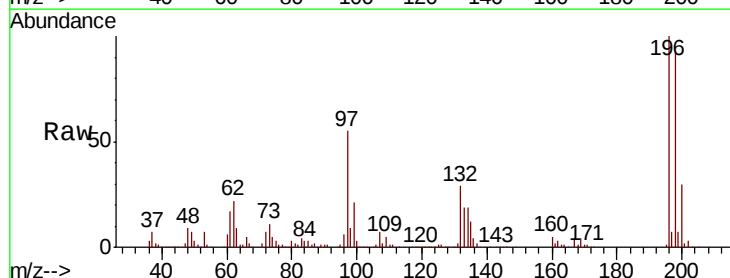
Ion Ratio Lower Upper

196 100

198 92.8 76.1 114.1

97 54.9 41.0 61.6

132 29.5 22.4 33.6



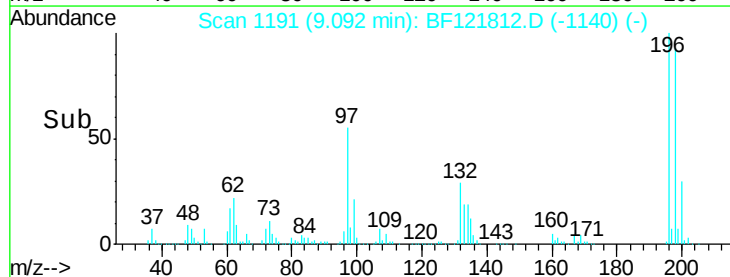
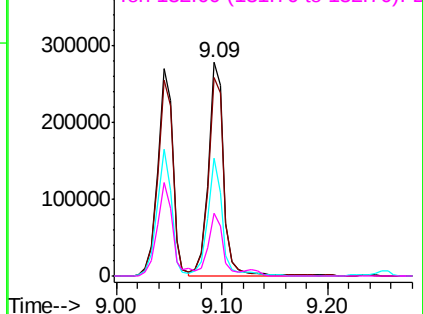
Abundance

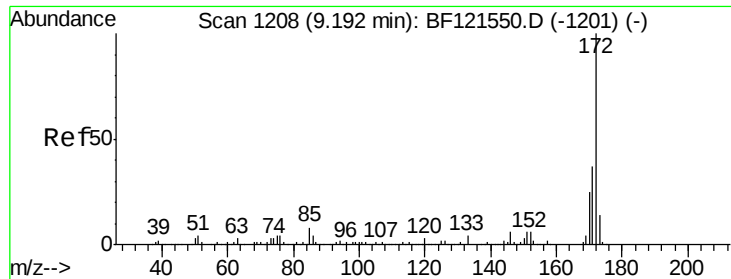
Ion 196.00 (195.70 to 196.70): E

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

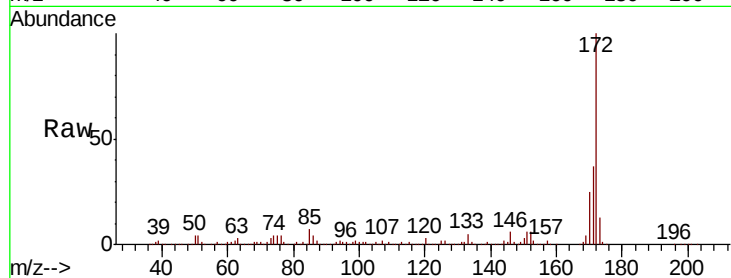




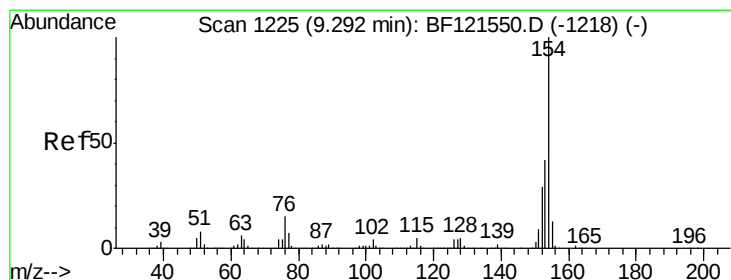
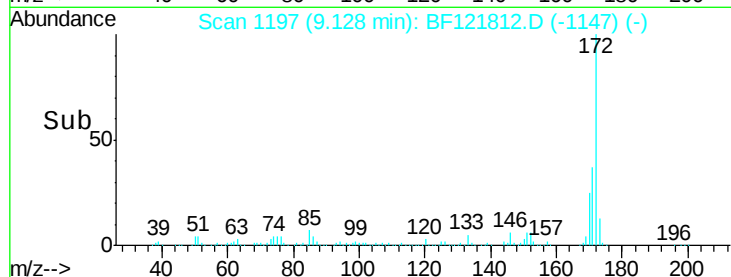
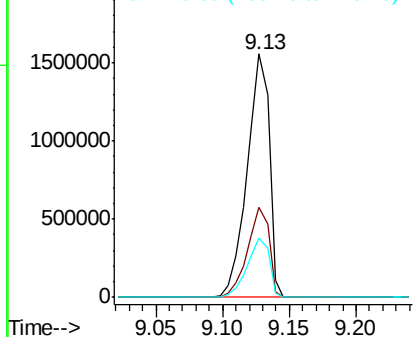
#45
2-Fluorobiphenyl
Concen: 88.936 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion:172 Resp: 1756451
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 24.5 19.8 29.6

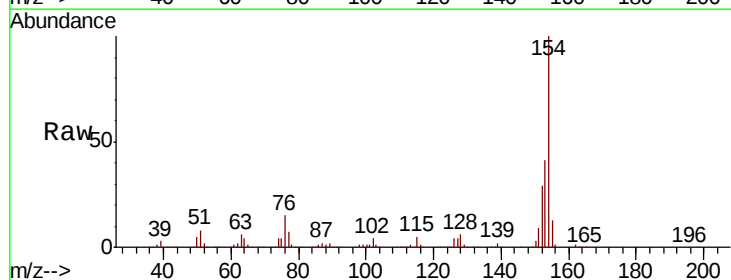


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

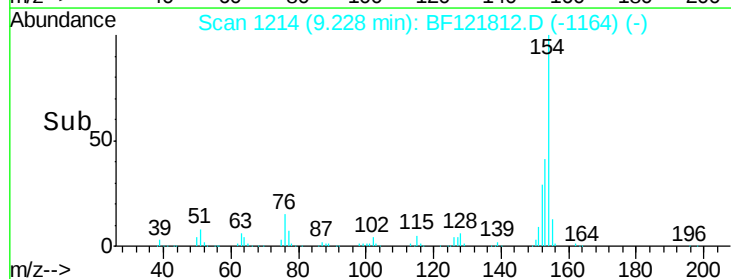
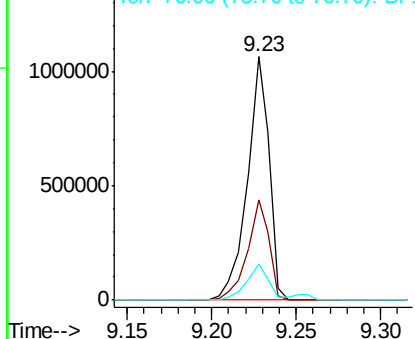


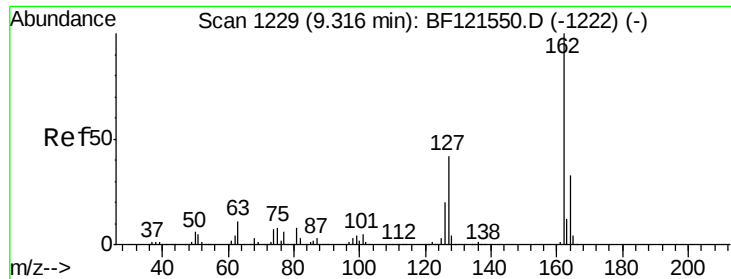
#46
1,1'-Biphenyl
Concen: 40.137 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:154 Resp: 961112
Ion Ratio Lower Upper
154 100
153 41.4 21.3 61.3
76 14.8 0.0 34.7



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

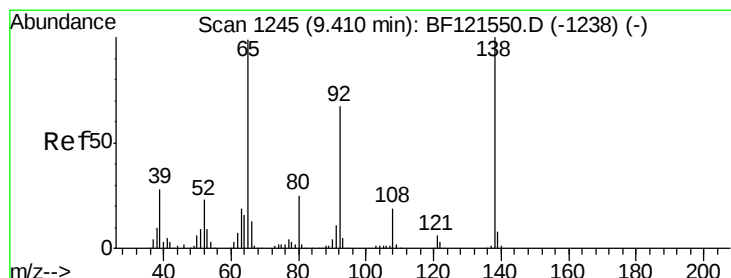
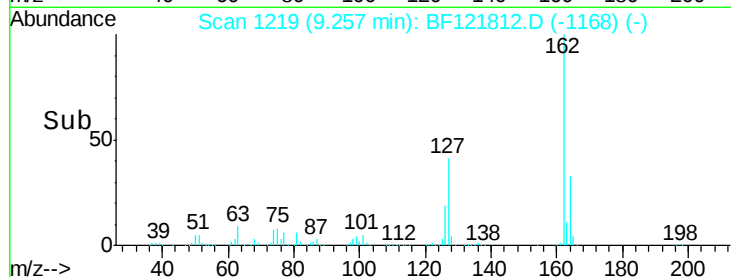
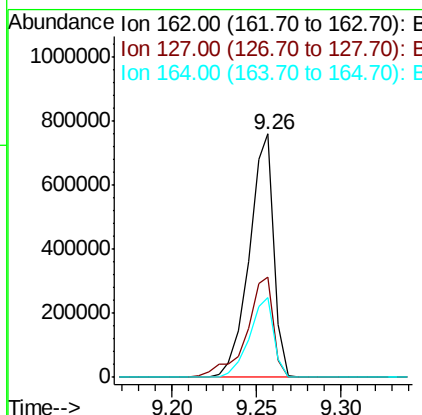
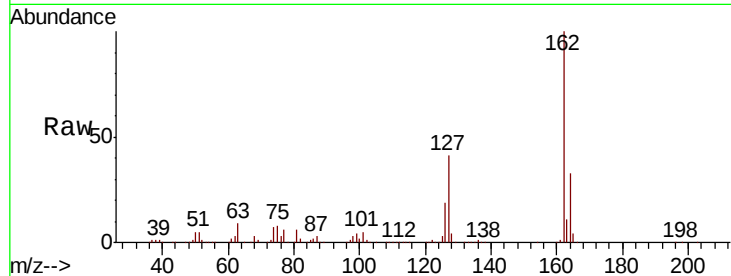




#47
 2-Chloronaphthalene
 Concen: 40.624 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

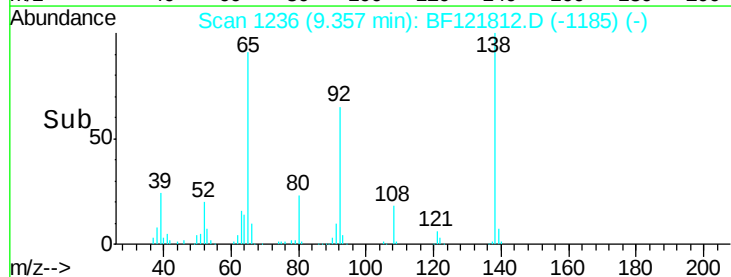
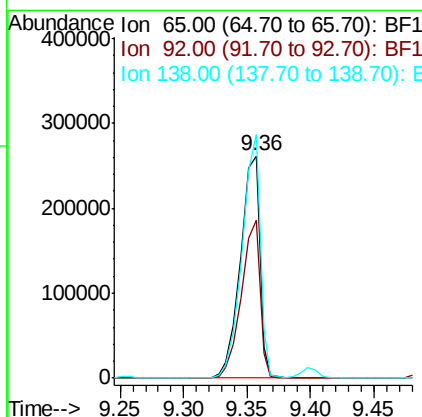
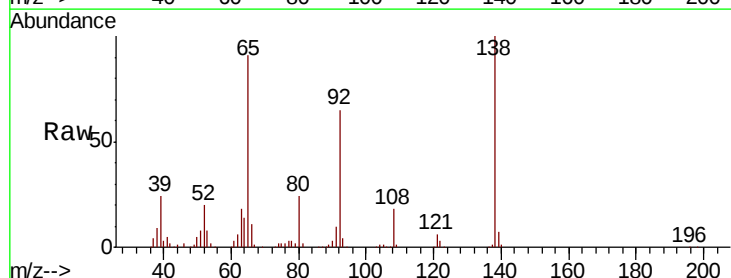
Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

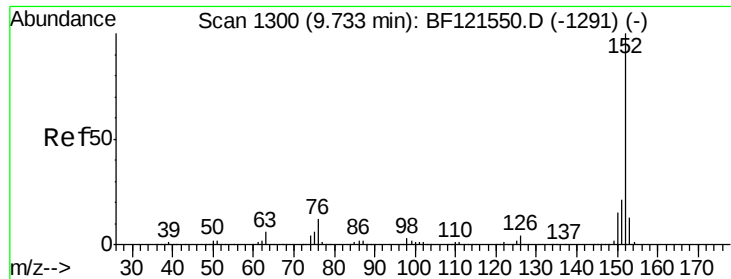
Tot Ion:162 Resp: 766583
 Ion Ratio Lower Upper
 162 100
 127 41.2 34.4 51.6
 164 33.0 26.3 39.5



#48
 2-Nitroaniline
 Concen: 47.127 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion: 65 Resp: 276350
 Ion Ratio Lower Upper
 65 100
 92 71.0 55.1 82.7
 138 109.6 80.5 120.7





#49

Acenaphthylene

Concen: 40.437 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

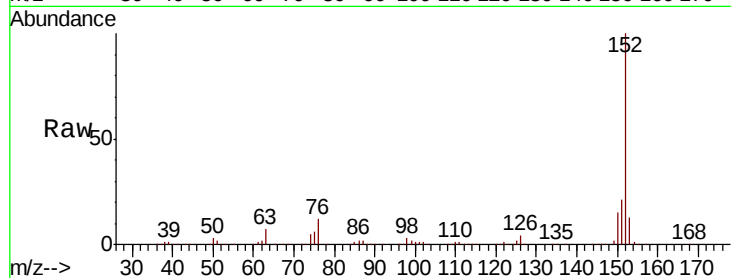
Tot Ion:152 Resp: 1172413

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

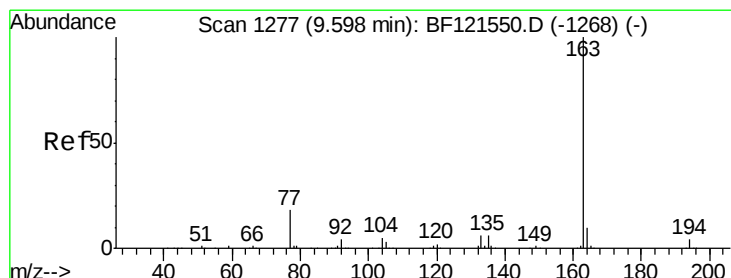
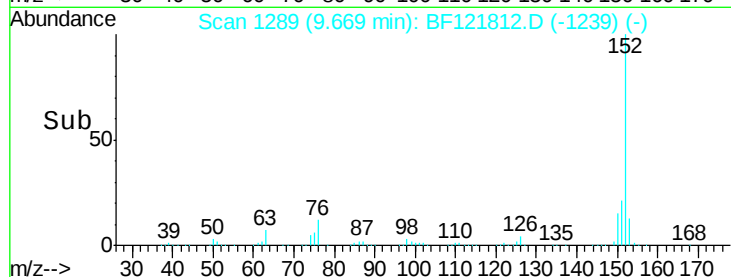
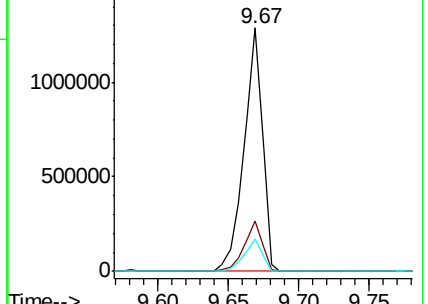
153 13.4 10.6 15.8



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: 44.669 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

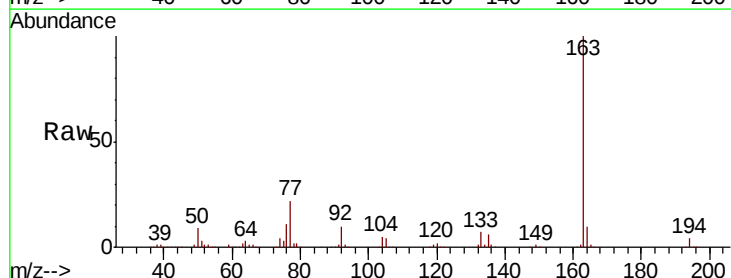
Tgt Ion:163 Resp: 968385

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

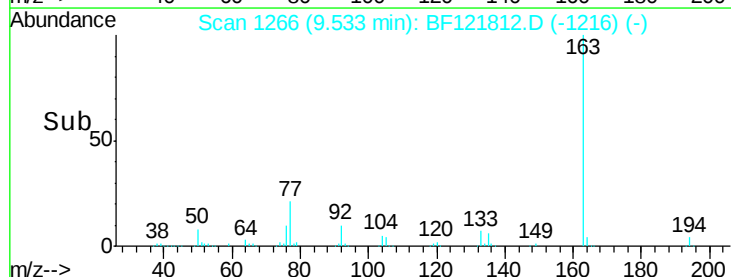
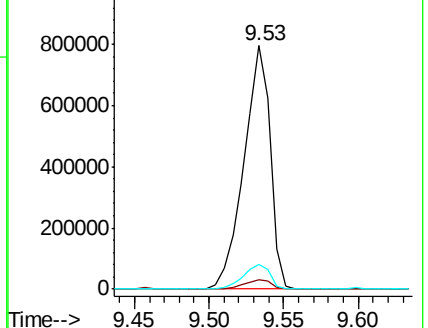
164 10.3 8.2 12.4

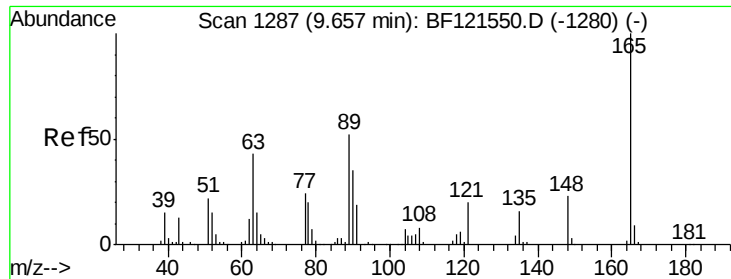


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

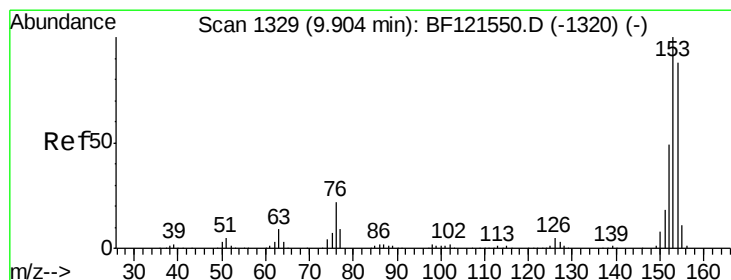
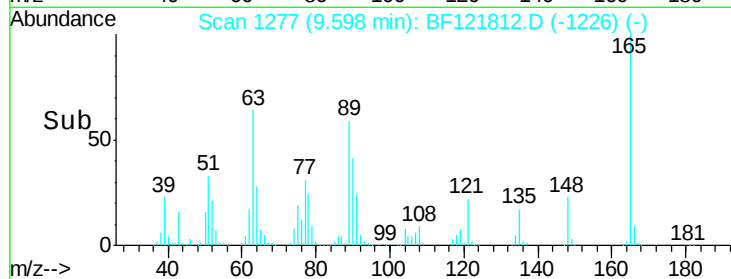
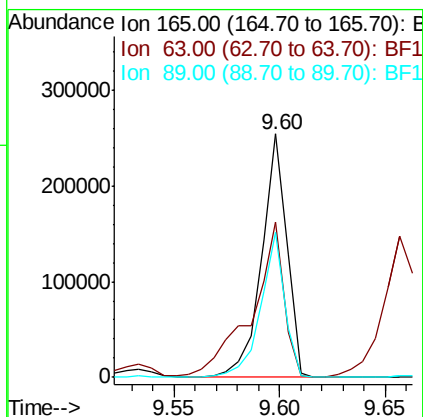
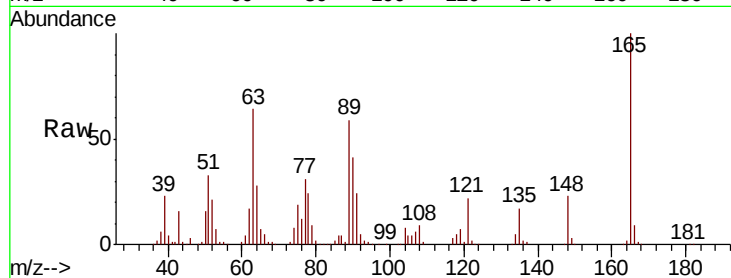




#51
 2,6-Dinitrotoluene
 Concen: 45.859 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

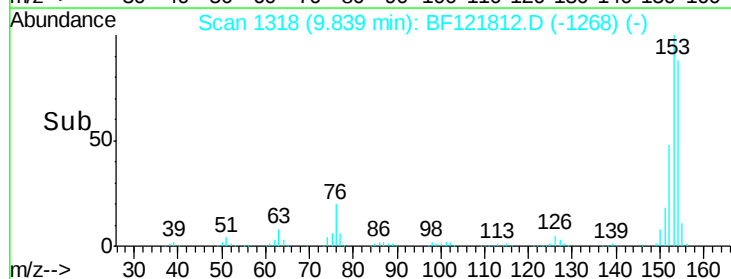
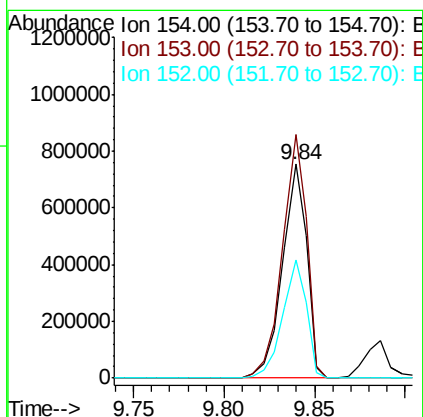
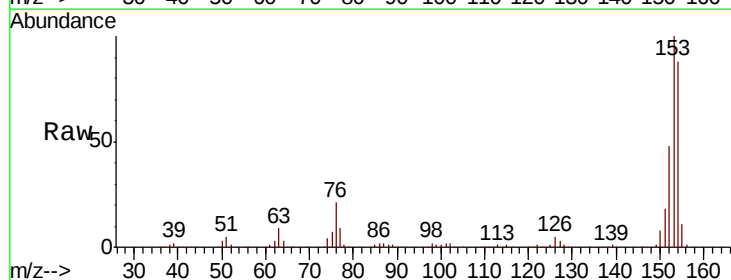
Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

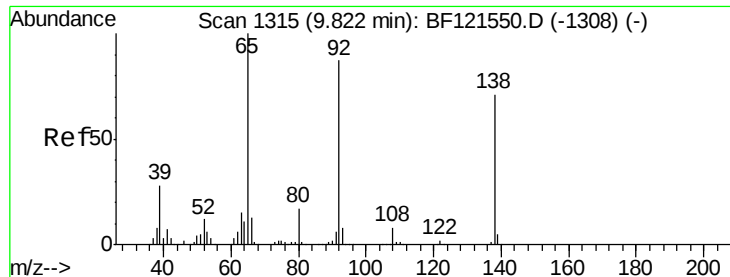
Tot Ion:165 Resp: 211732
 Ion Ratio Lower Upper
 165 100
 63 63.9 51.8 77.6
 89 59.5 49.0 73.6



#52
 Acenaphthene
 Concen: 38.434 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion:154 Resp: 703830
 Ion Ratio Lower Upper
 154 100
 153 113.9 89.8 134.8
 152 55.2 43.2 64.8

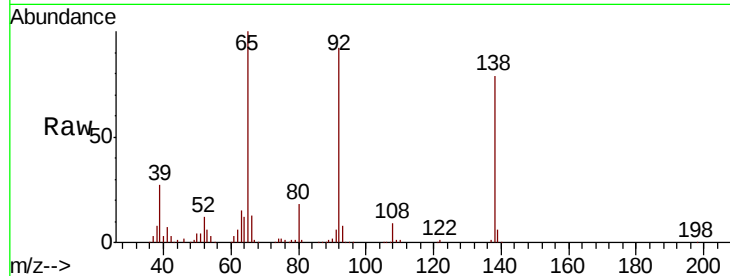




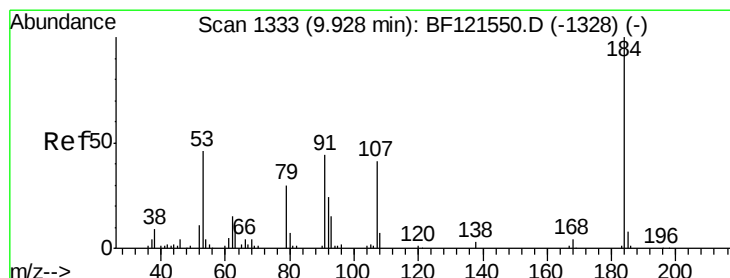
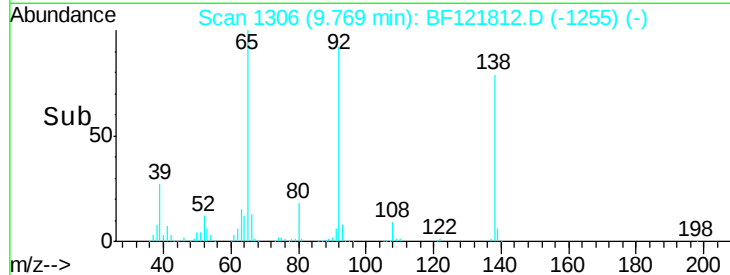
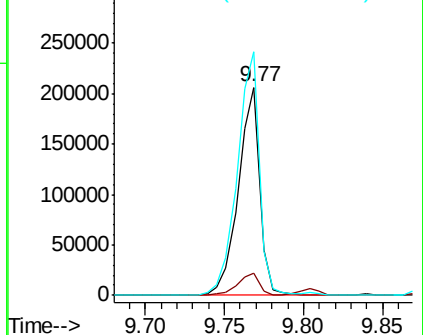
#53
3-Nitroaniline
Concen: 36.251 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion:138 Resp: 193888
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 117.0 96.6 144.8

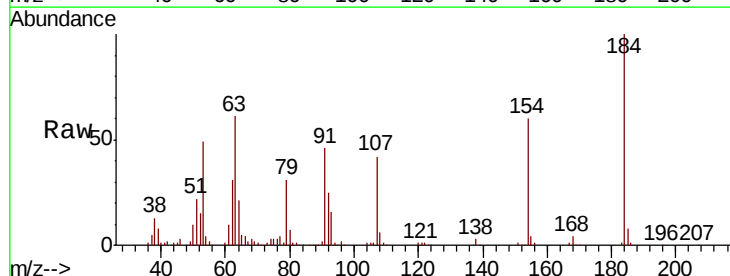


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

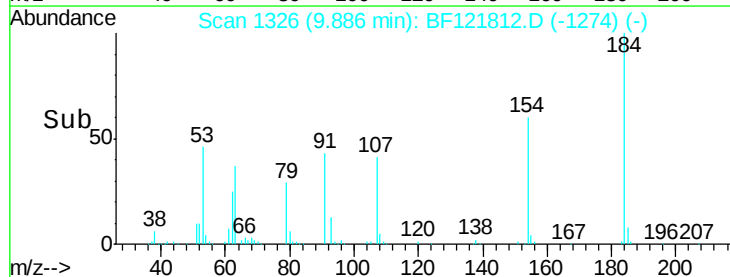
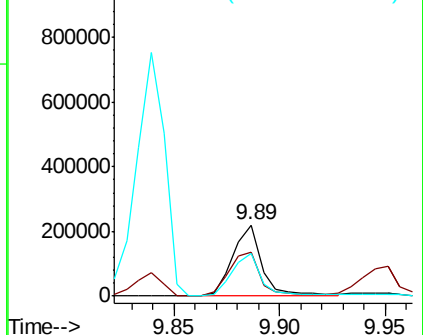


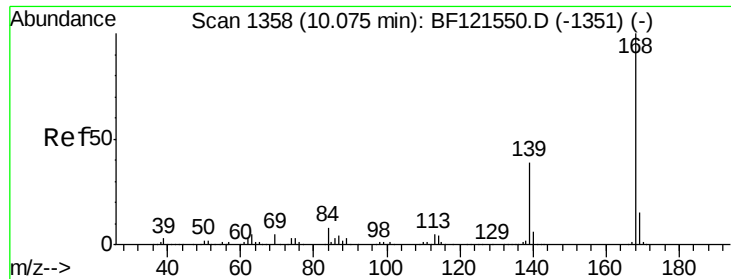
#54
2,4-Dinitrophenol
Concen: 79.722 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:184 Resp: 212200
Ion Ratio Lower Upper
184 100
63 61.4 45.9 68.9
154 59.7 45.8 68.6



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

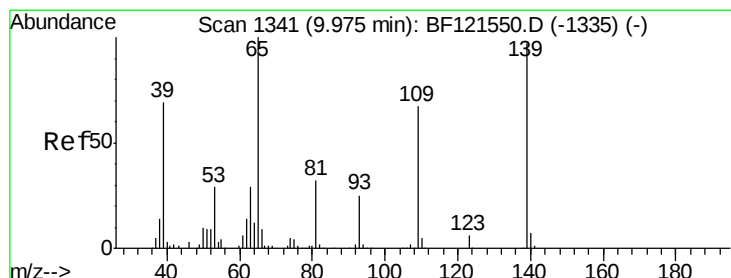
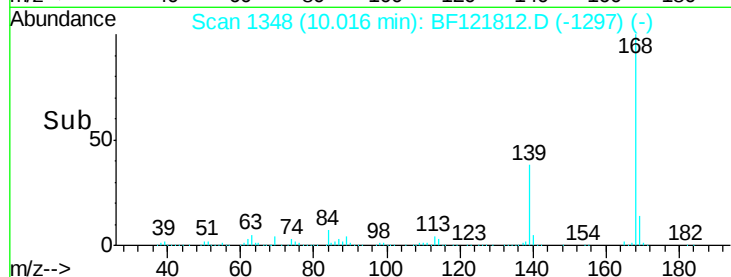
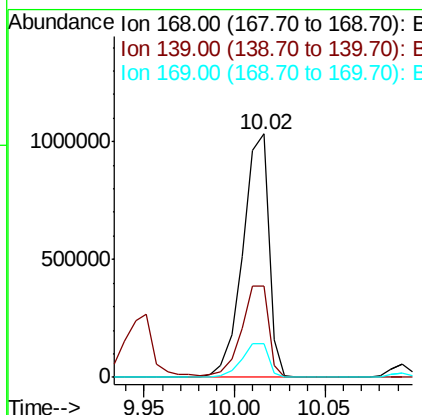
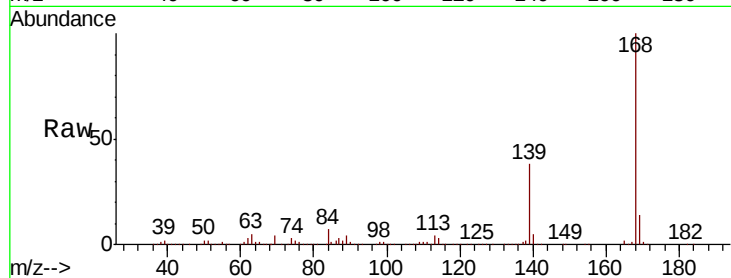




#55
Dibenzofuran
Concen: 39.921 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

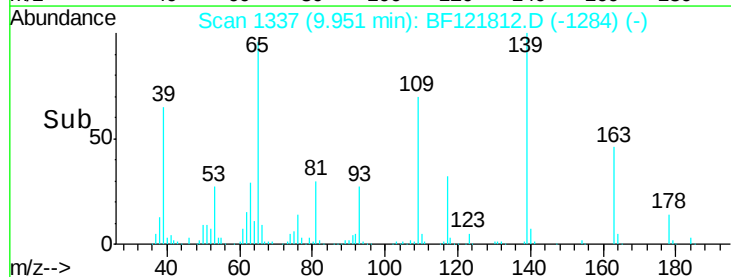
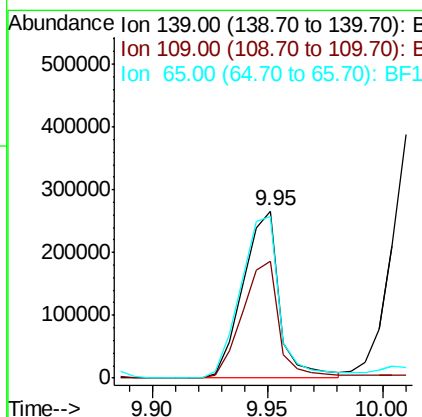
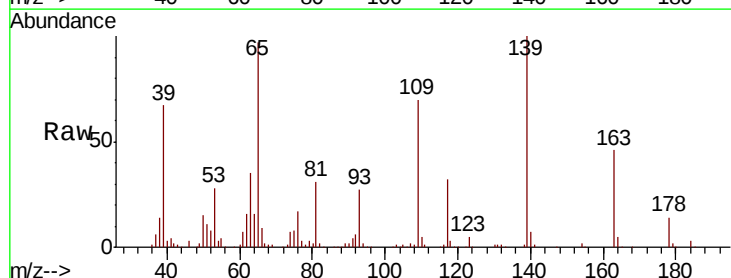
Instrument :
BNA_F
ClientSampleId :
PB132057BS

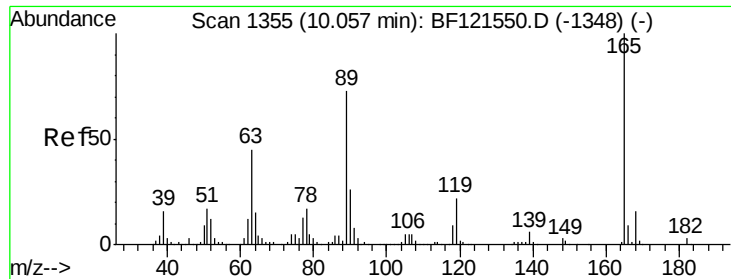
Tot Ion:168 Resp: 1029506
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.6
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 69.028 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:139 Resp: 294431
Ion Ratio Lower Upper
139 100
109 70.1 45.4 85.4
65 96.7 68.4 108.4

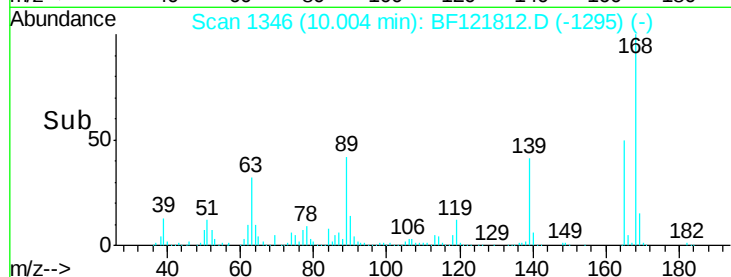
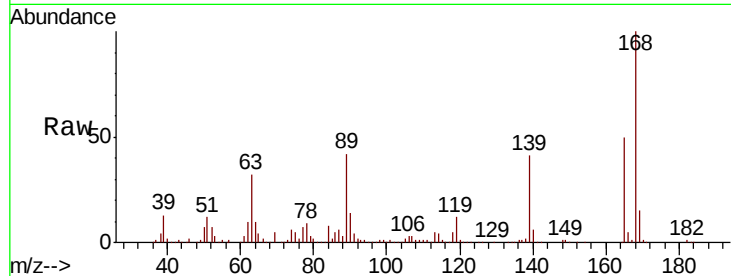




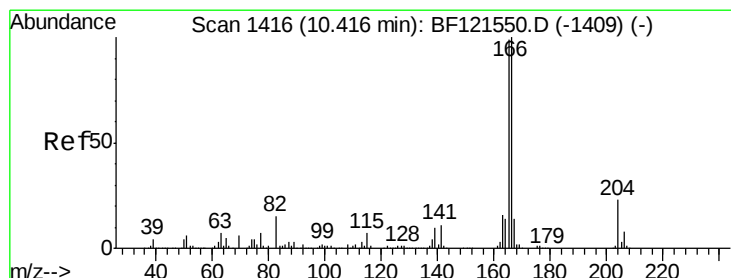
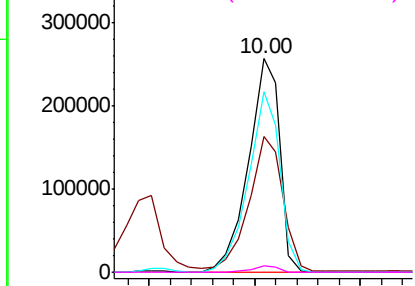
#57
2,4-Dinitrotoluene
Concen: 45.542 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.5	41.3	61.9#
89	84.3	61.8	92.8
182	2.7	2.1	3.1

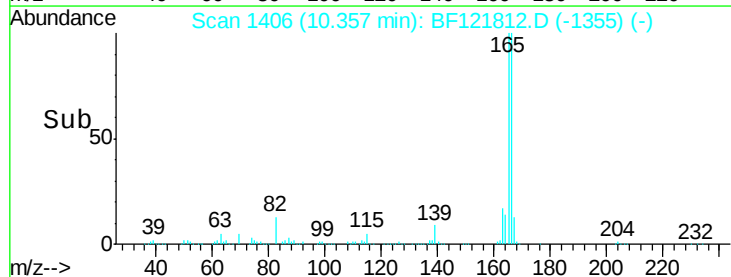
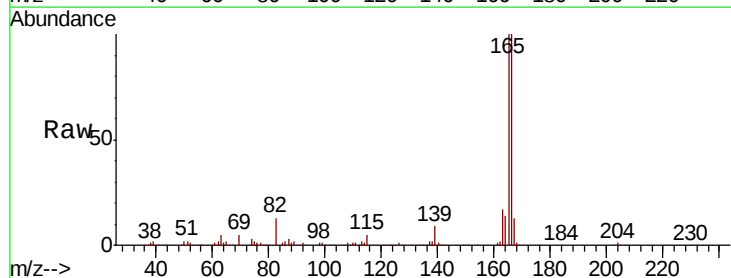


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

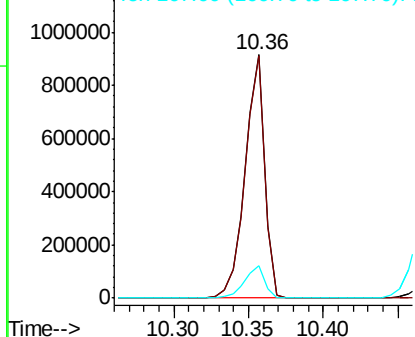


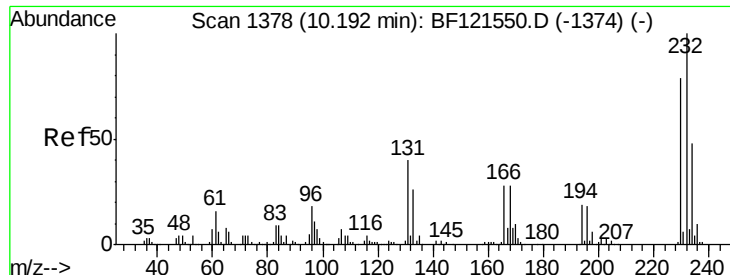
#58
Fluorene
Concen: 42.014 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.1	118.7
167	13.2	11.0	16.6



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

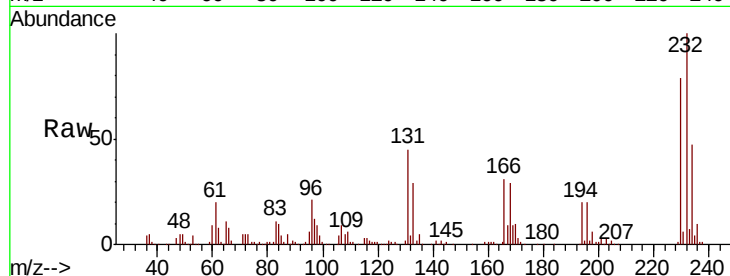




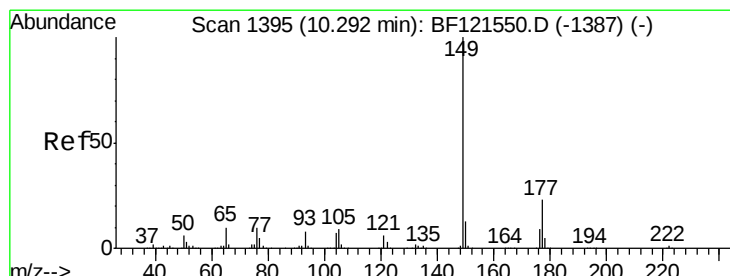
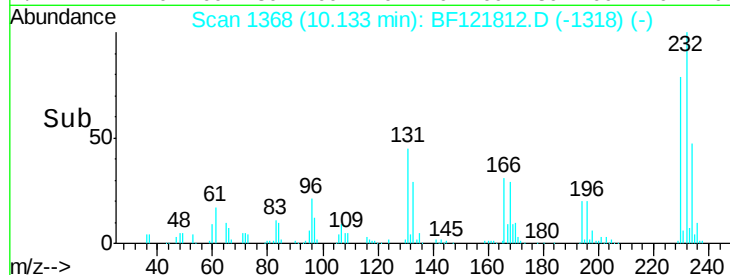
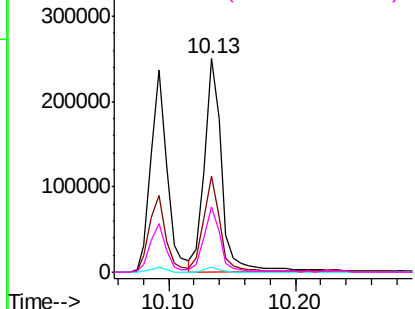
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.359 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

Tot Ion:	232	Resp:	237322
Ion	Ratio	Lower	Upper
232	100		
131	42.8	35.9	53.9
130	2.2	1.8	2.6
166	29.2	23.5	35.3

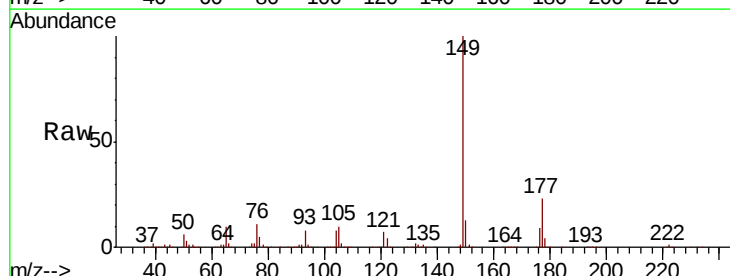


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

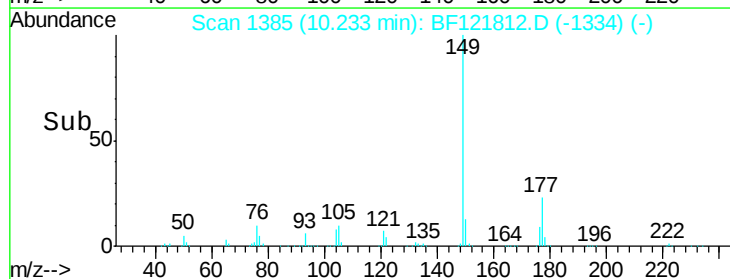
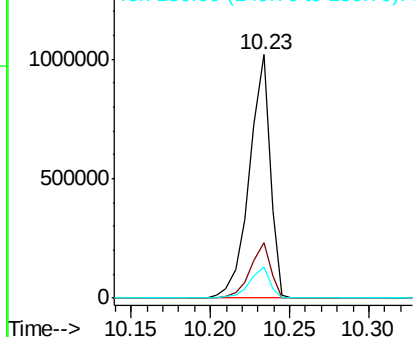


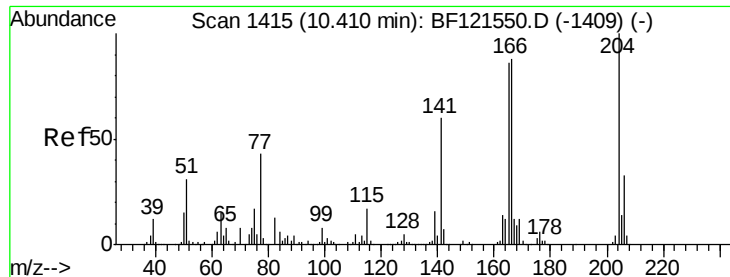
#60
 Diethylphthalate
 Concen: 43.833 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion:	149	Resp:	926491
Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.1	27.1
150	12.8	10.3	15.5



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

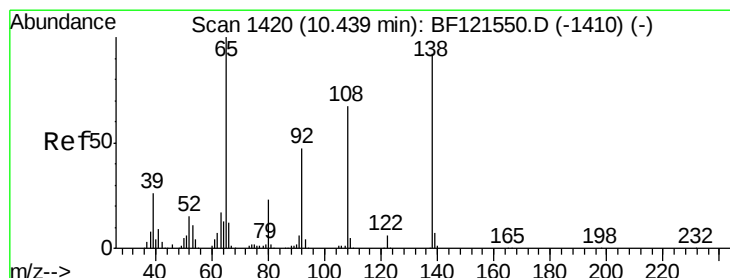
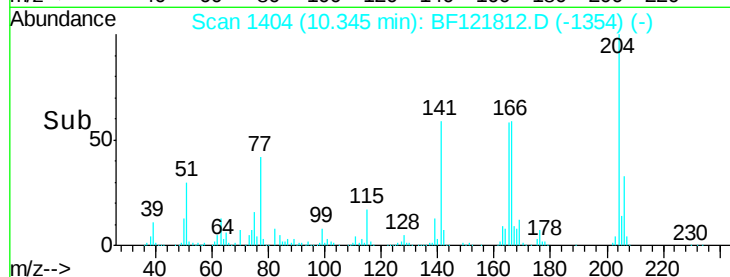
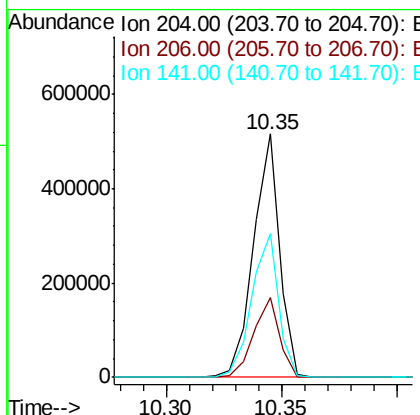
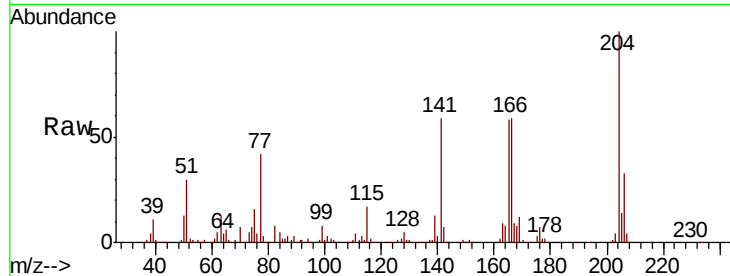




#61
4-Chlorophenyl-phenylether
Concen: 43.314 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

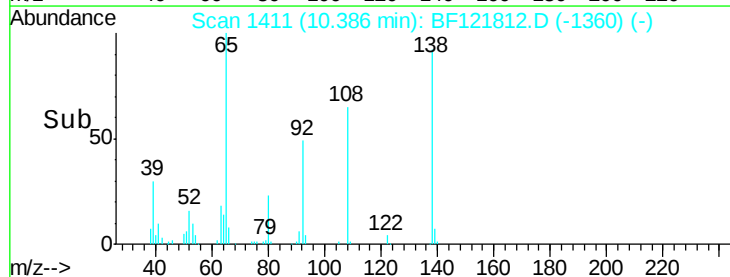
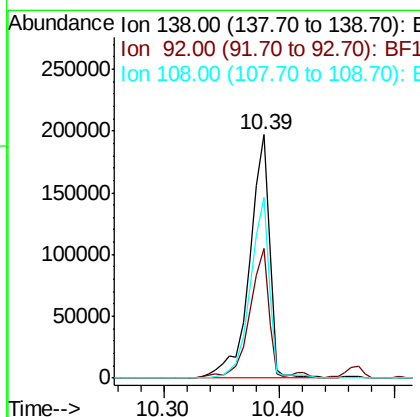
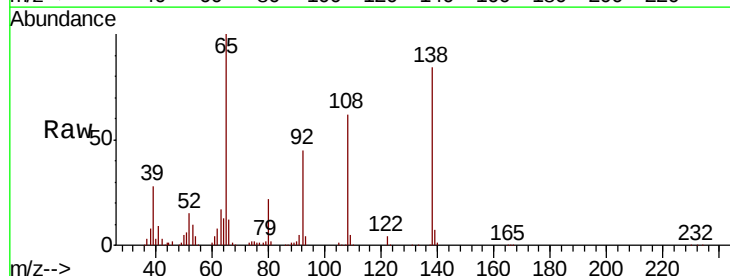
Instrument :
BNA_F
ClientSampleId :
PB132057BS

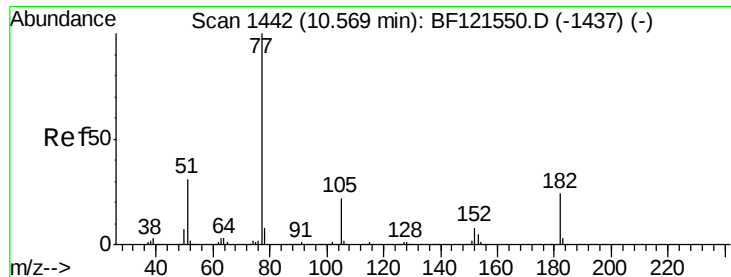
Tot Ion:204 Resp: 409201
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 59.0 46.2 69.4



#62
4-Nitroaniline
Concen: 44.513 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:138 Resp: 236387
Ion Ratio Lower Upper
138 100
92 53.4 31.0 71.0
108 74.1 51.5 91.5





#63

Azobenzene

Concen: 42.913 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

Tot Ion: 77 Resp: 965926

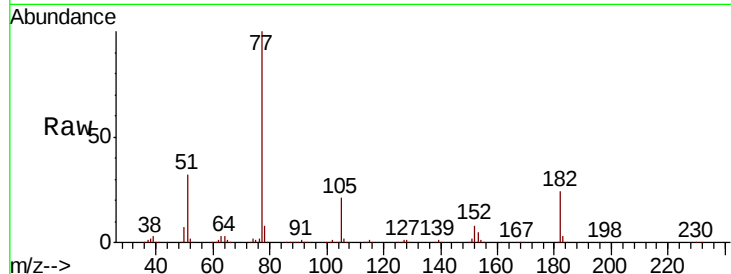
Ion Ratio Lower Upper

77 100

182 23.8 3.4 43.4

105 21.3 1.7 41.7

51 31.8 11.6 51.6

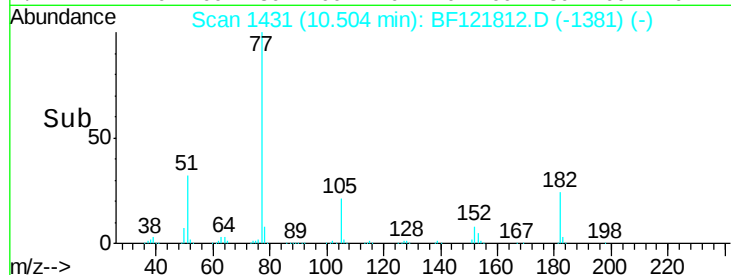


Abundance Ion 77.00 (76.70 to 77.70): BF1

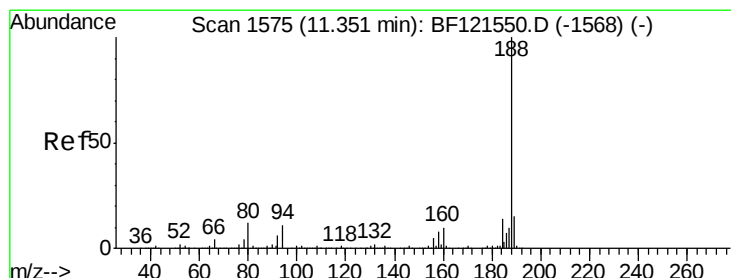
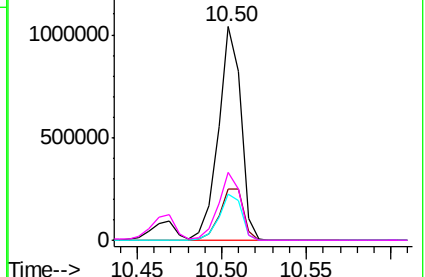
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

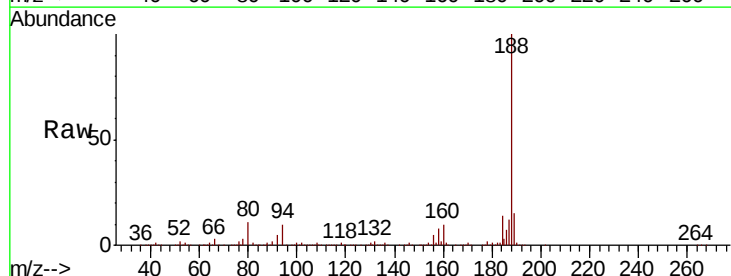
Tgt Ion: 188 Resp: 566224

Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

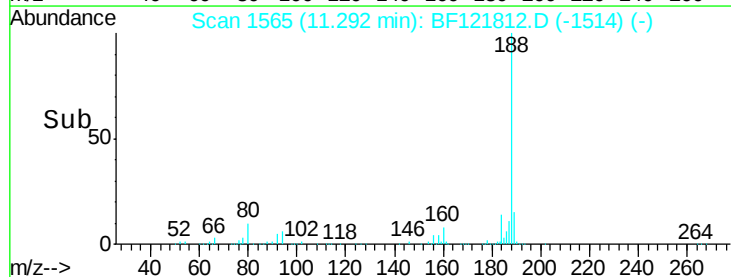
80 10.6 9.1 13.7



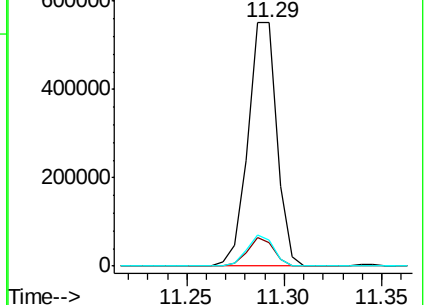
Abundance Ion 188.00 (187.70 to 188.70): BF1

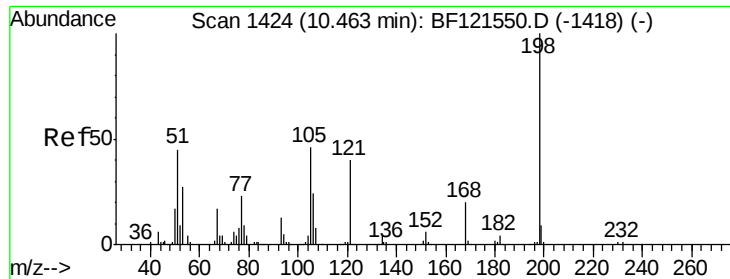
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

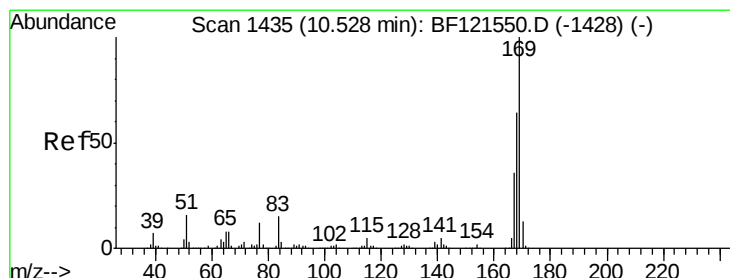
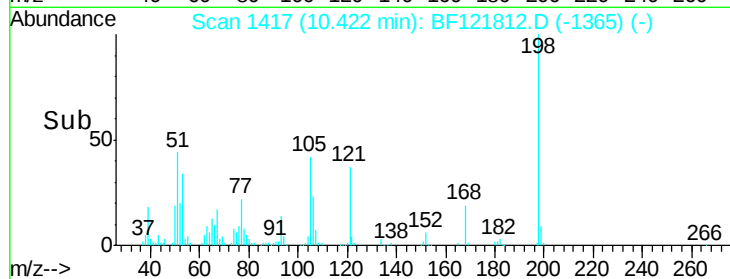
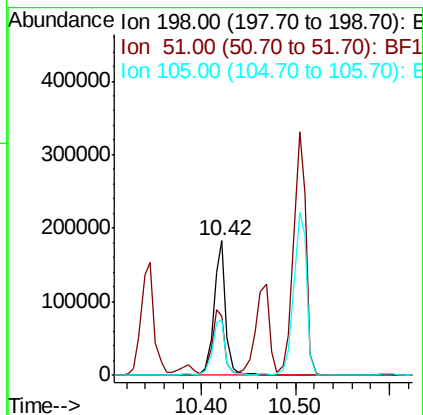
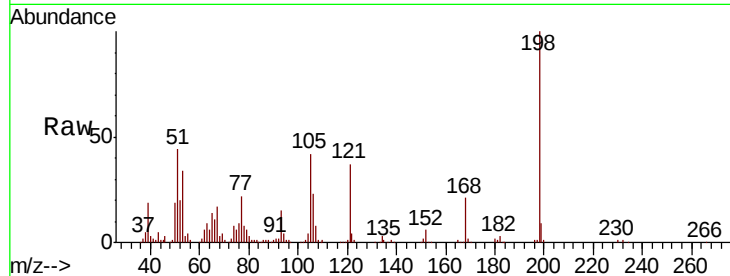




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.324 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

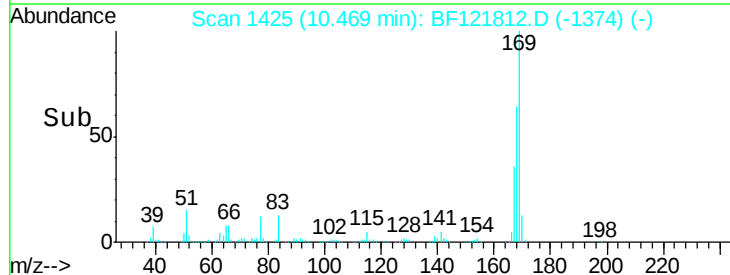
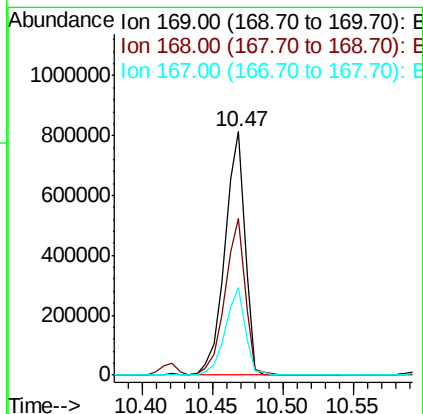
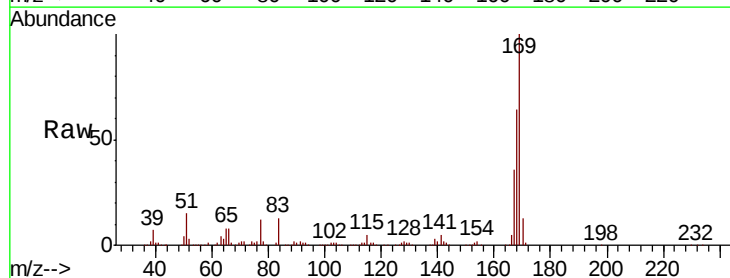
Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

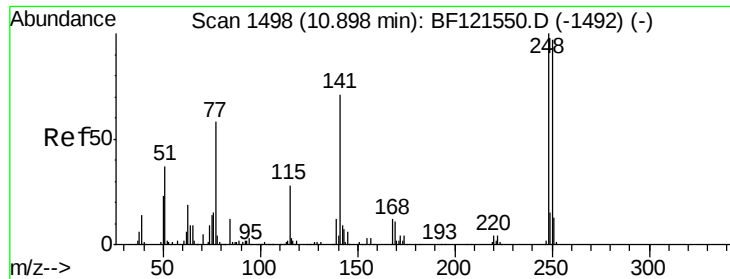
Tot Ion	Ratio	Lower	Upper
198	100		
51	44.4	29.6	69.6
105	41.5	24.4	64.4



#66
 n-Nitrosodiphenylamine
 Concen: 41.386 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.5	50.0	75.0
167	35.8	27.8	41.6

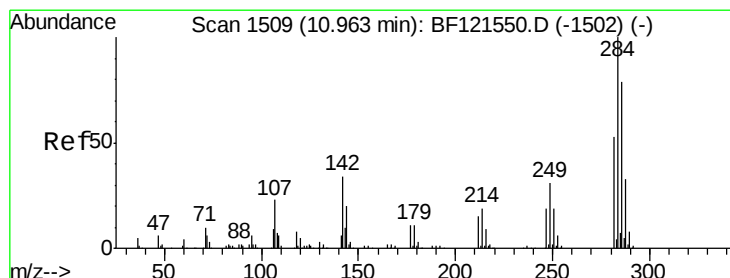
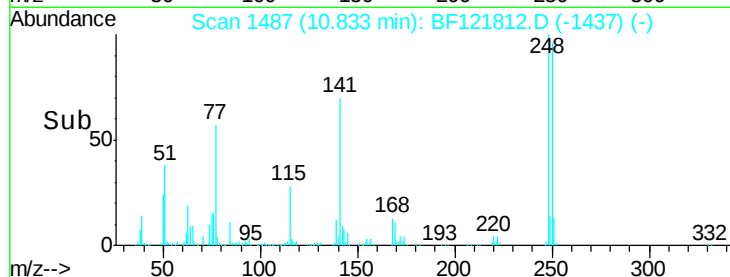
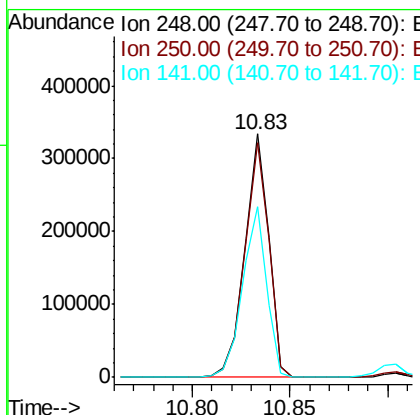
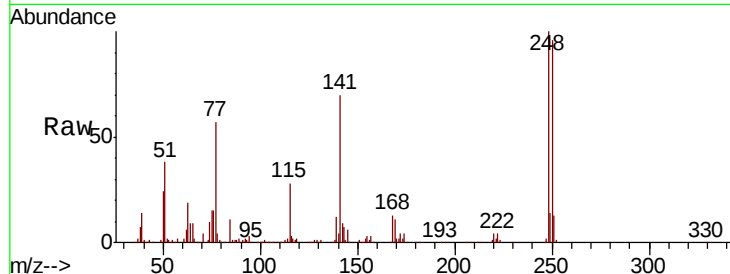




#67
4-Bromophenyl-phenylether
Concen: 43.930 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

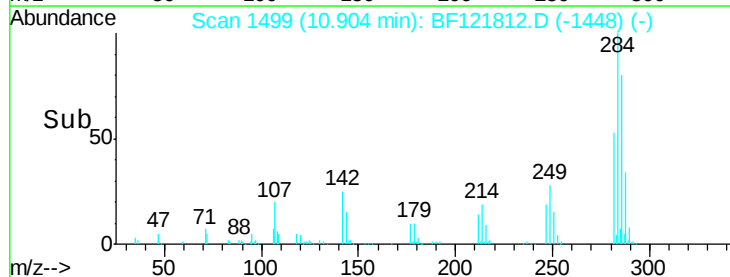
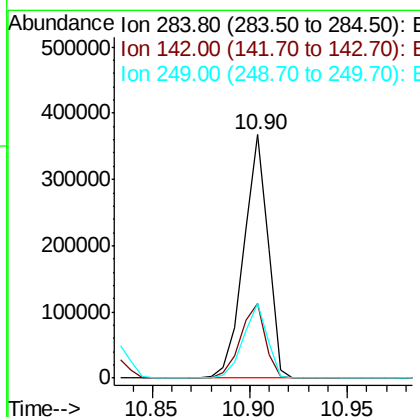
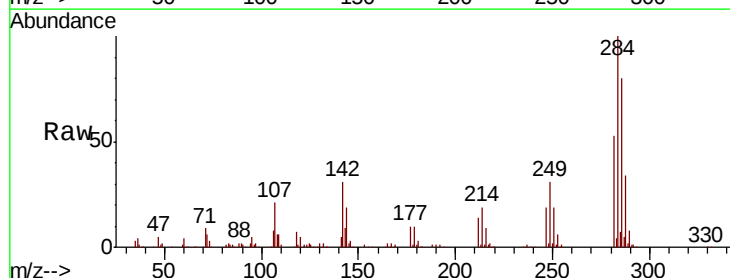
Instrument :
BNA_F
ClientSampleId :
PB132057BS

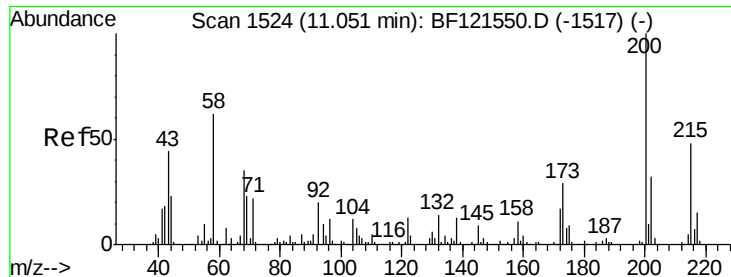
Tot Ion:248 Resp: 283202
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.6
141 70.1 53.7 80.5



#68
Hexachlorobenzene
Concen: 43.505 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:284 Resp: 316513
Ion Ratio Lower Upper
284 100
142 30.6 27.4 41.2
249 30.7 24.2 36.4





#69

Atrazine

Concen: 50.349 ng

RT: 11.00 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

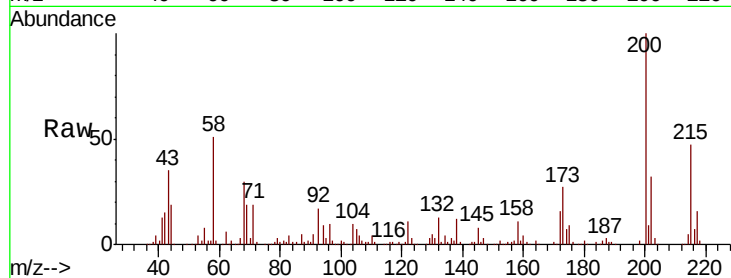
Tot Ion:200 Resp: 242996

Ion Ratio Lower Upper

200 100

173 26.5 7.5 47.5

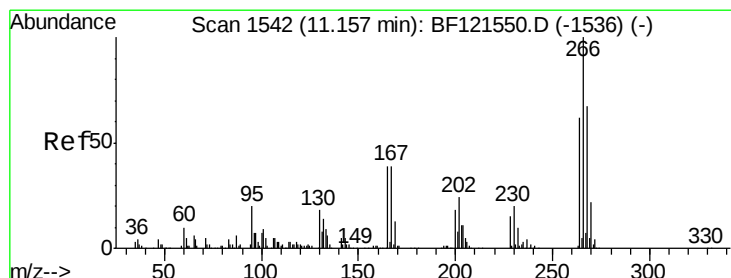
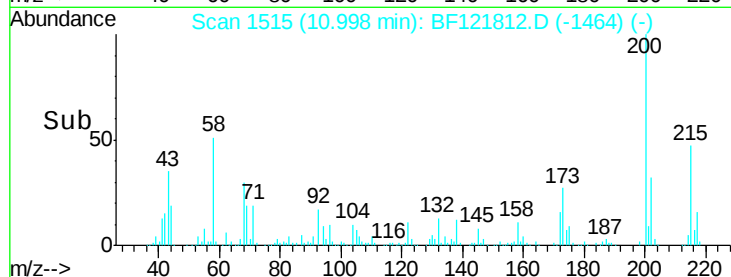
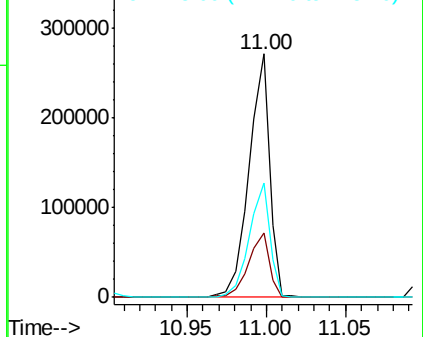
215 46.9 27.1 67.1



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: 67.650 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

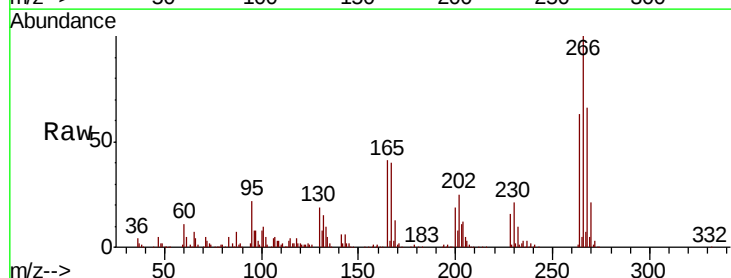
Tgt Ion:266 Resp: 270295

Ion Ratio Lower Upper

266 100

268 66.1 52.4 78.6

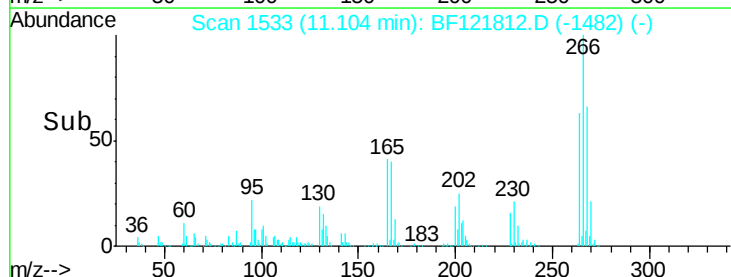
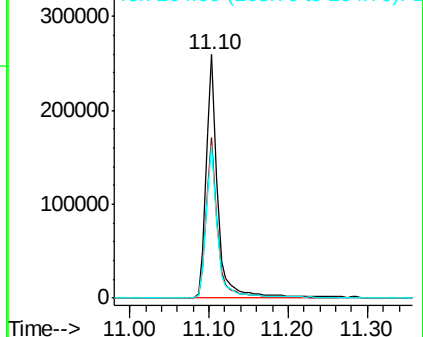
264 62.6 49.9 74.9

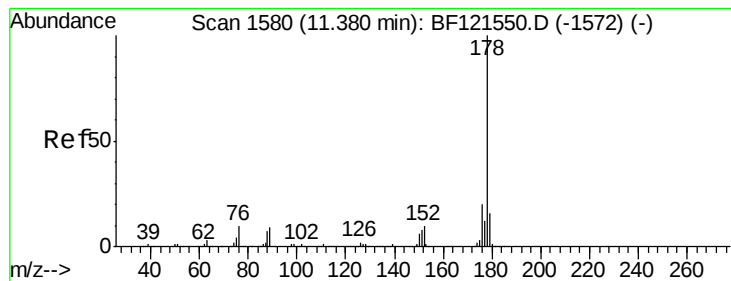


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.893 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

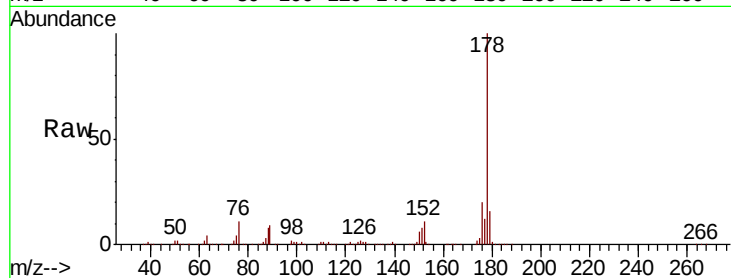
Tot Ion:178 Resp: 1261547

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

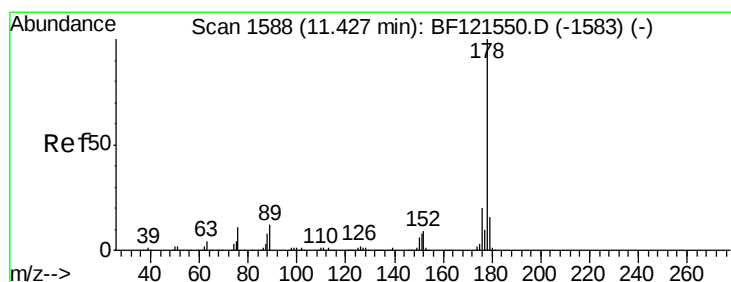
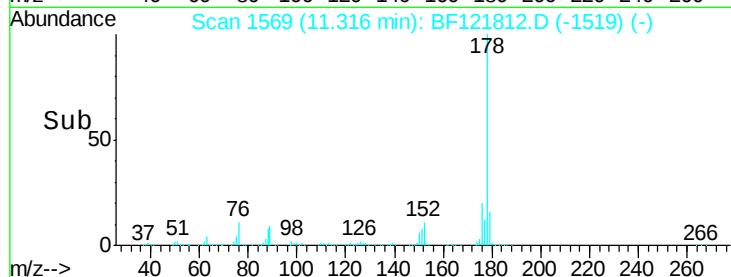
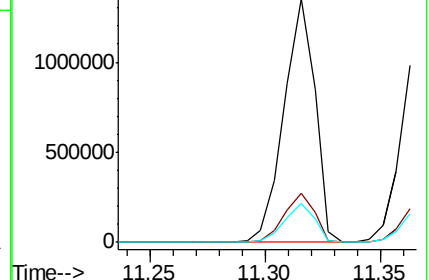
179 15.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.589 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

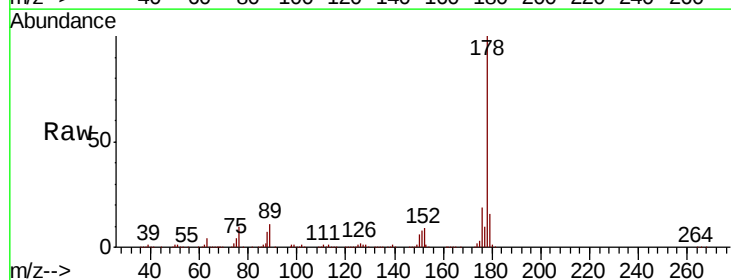
Tgt Ion:178 Resp: 1292196

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

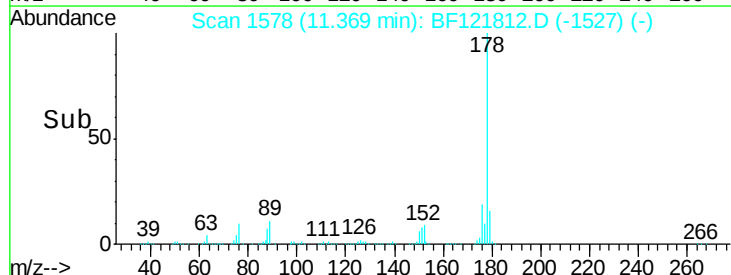
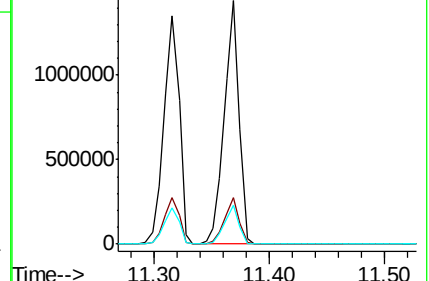
179 15.8 12.7 19.1

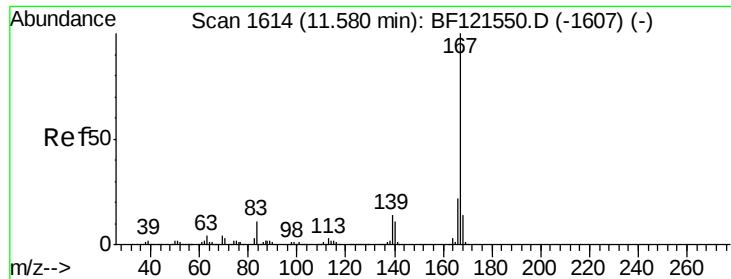


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

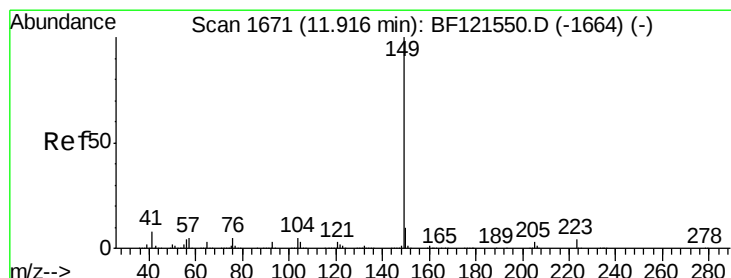
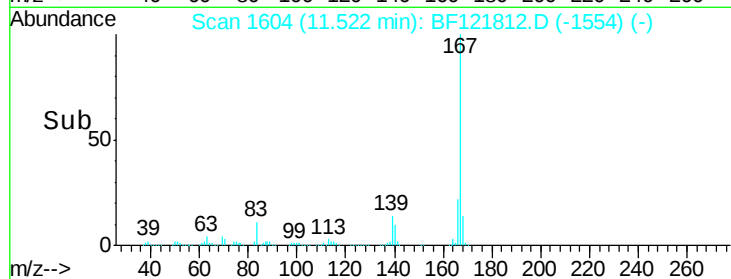
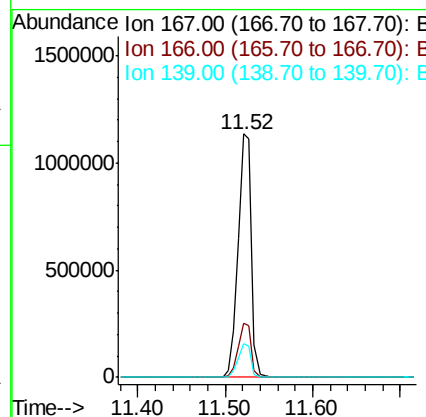
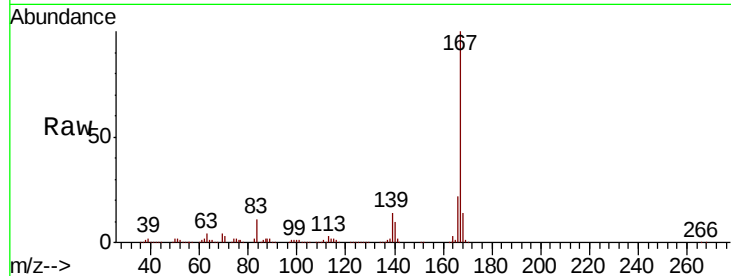




#73
 Carbazole
 Concen: 41.186 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

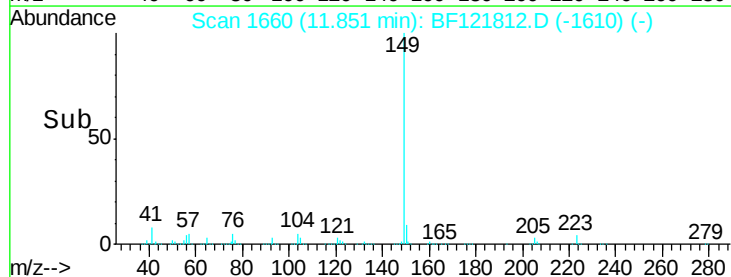
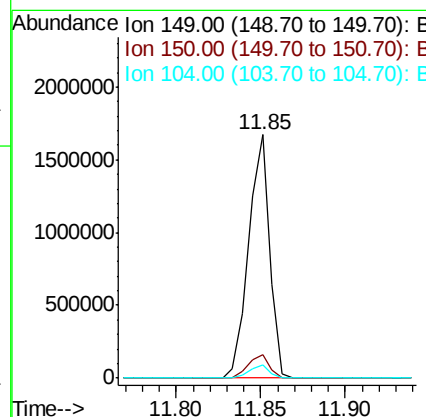
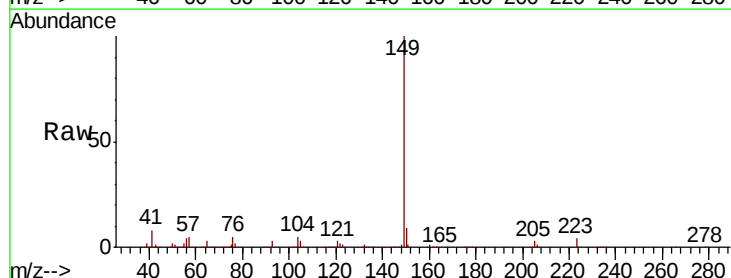
Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

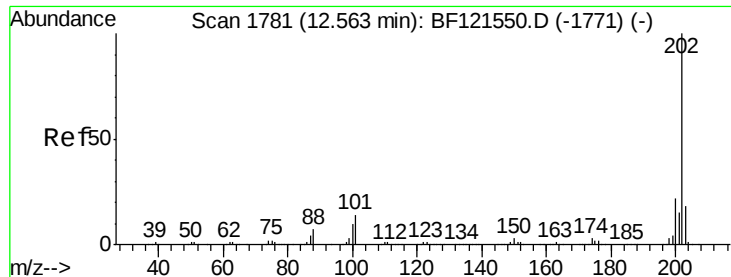
Tot Ion:167 Resp: 1183232
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 43.809 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion:149 Resp: 1452613
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.3 4.2 6.2

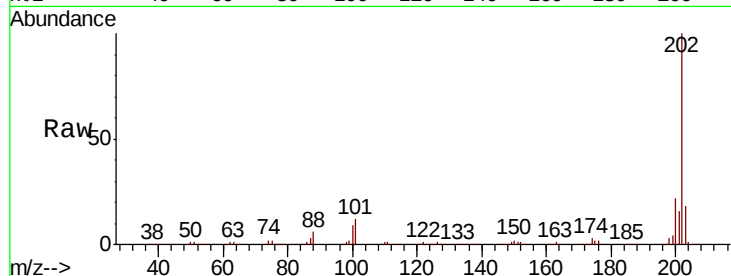




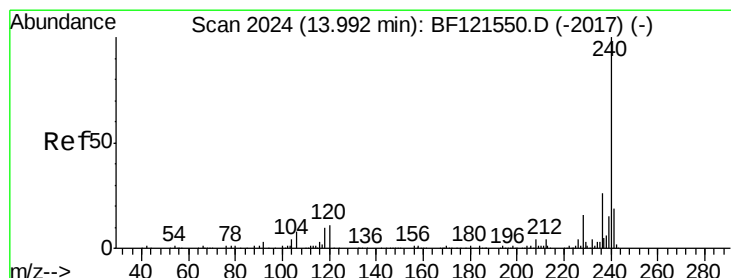
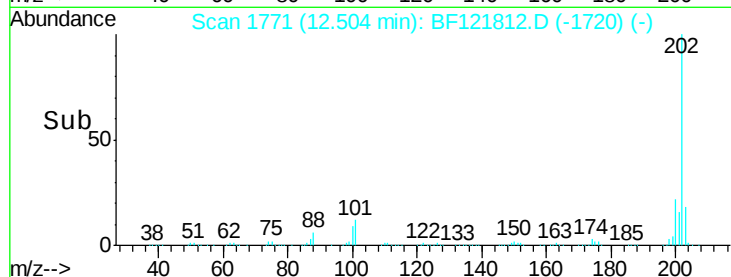
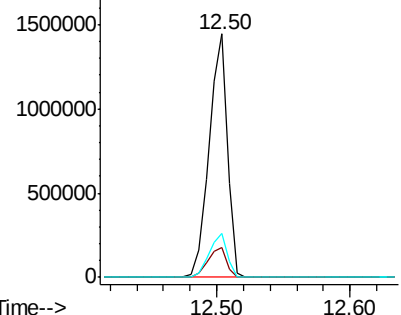
#75
 Fluoranthene
 Concen: 42.425 ng
 RT: 12.50 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

Tot Ion:202 Resp: 1397153
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 33.4
 203 18.1 0.0 37.9

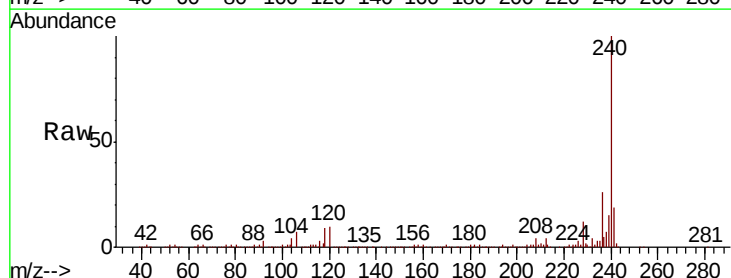


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

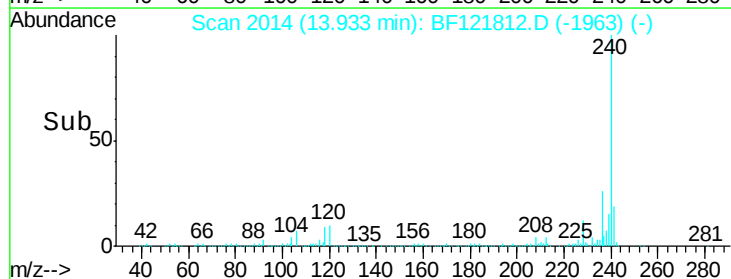
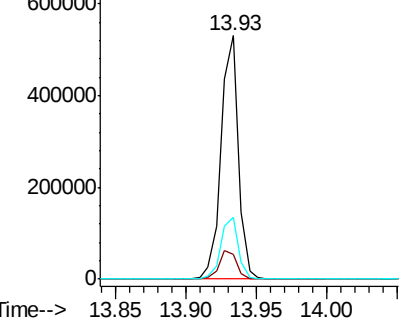


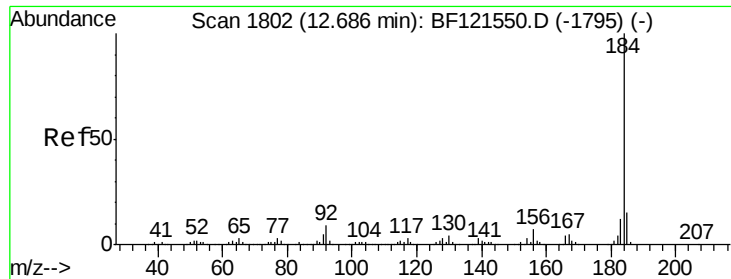
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion:240 Resp: 453687
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.2 13.8
 236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 600000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.891 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

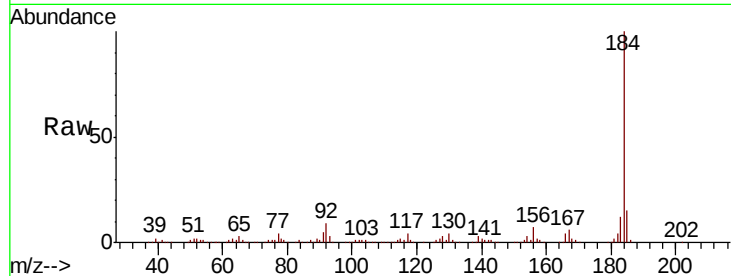
Tot Ion:184 Resp: 690227

Ion Ratio Lower Upper

184 100

185 14.7 11.6 17.4

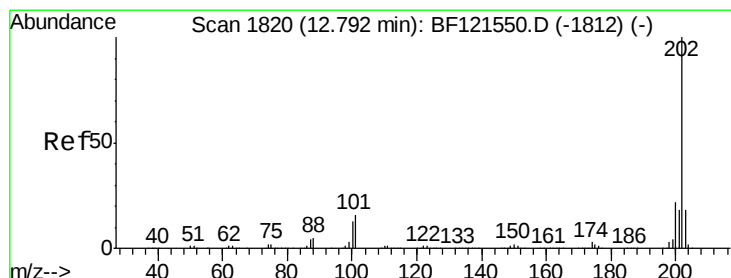
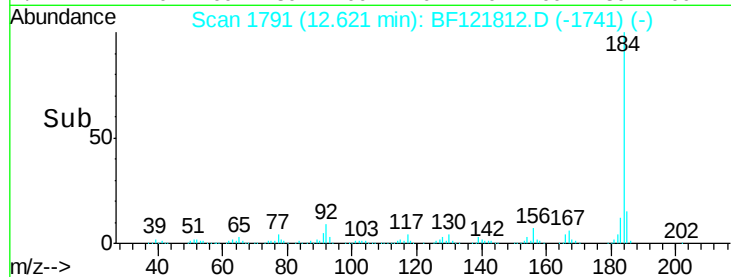
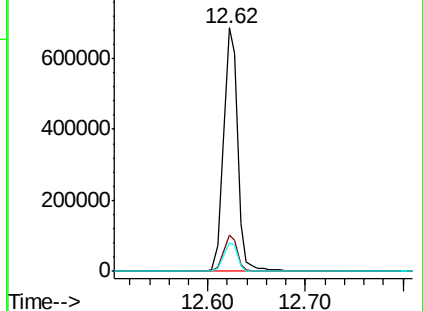
183 11.8 9.4 14.0



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: 41.463 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

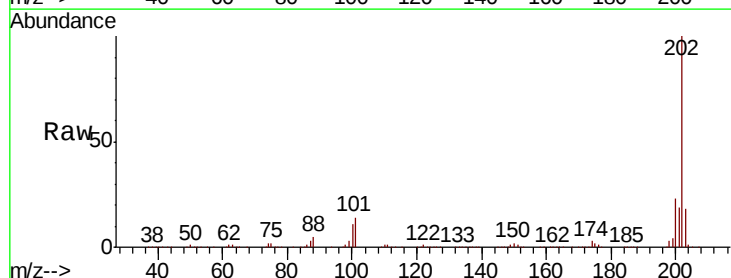
Tgt Ion:202 Resp: 1374420

Ion Ratio Lower Upper

202 100

200 22.7 17.4 26.2

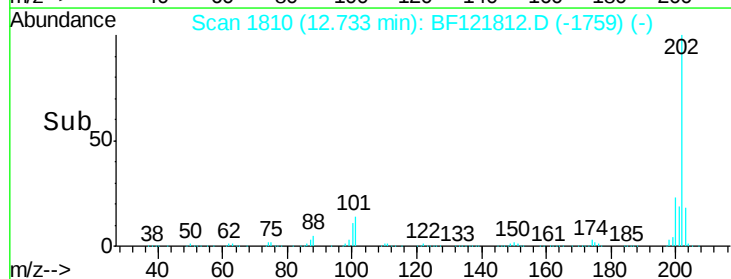
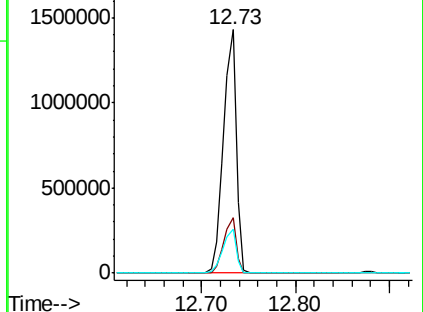
203 18.1 14.6 21.8

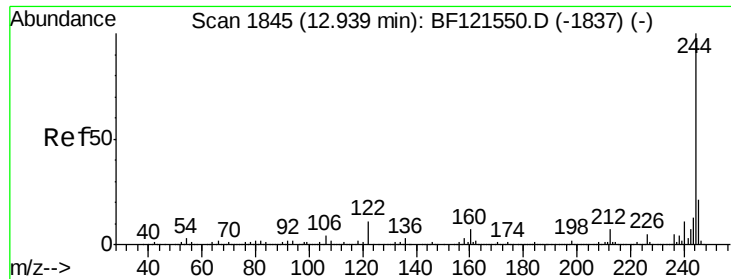


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.685 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

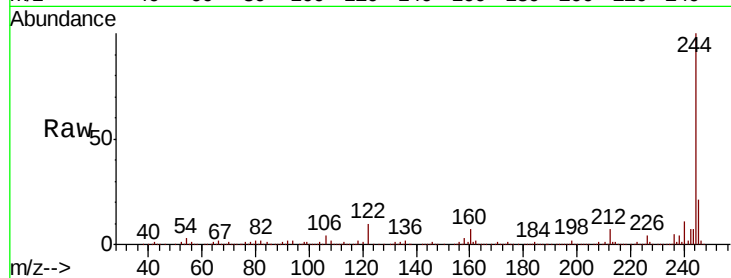
Tot Ion:244 Resp: 2254775

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

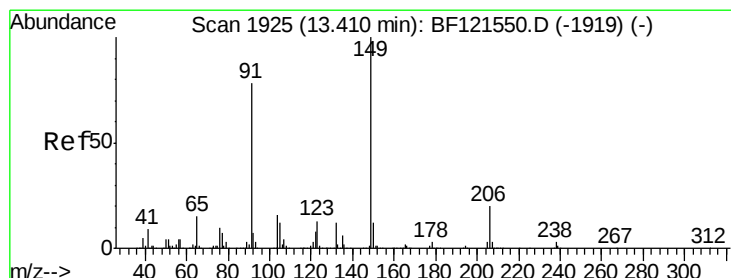
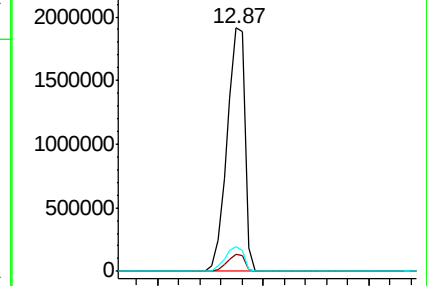
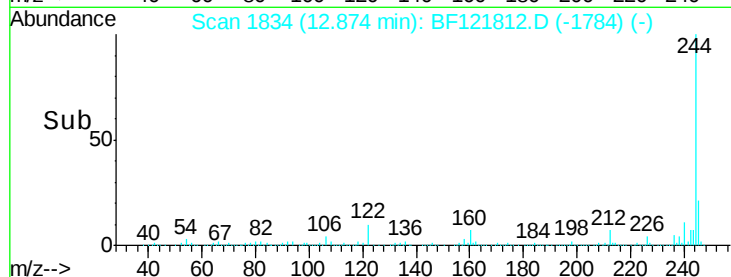
122 10.4 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.882 ng

RT: 13.34 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

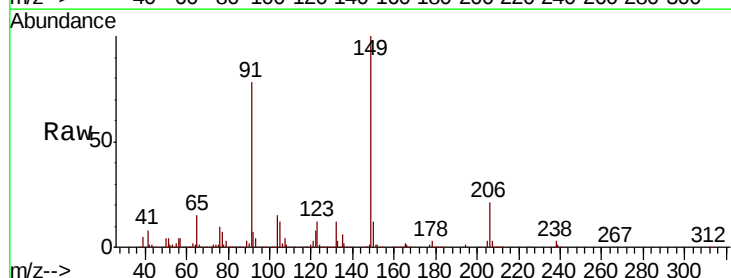
Tgt Ion:149 Resp: 628498

Ion Ratio Lower Upper

149 100

91 78.2 61.0 91.4

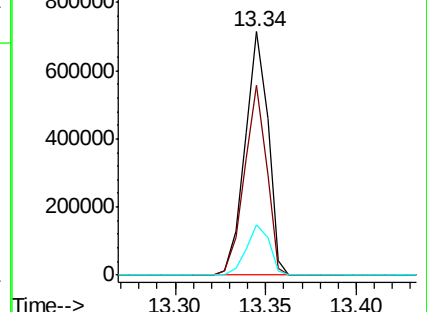
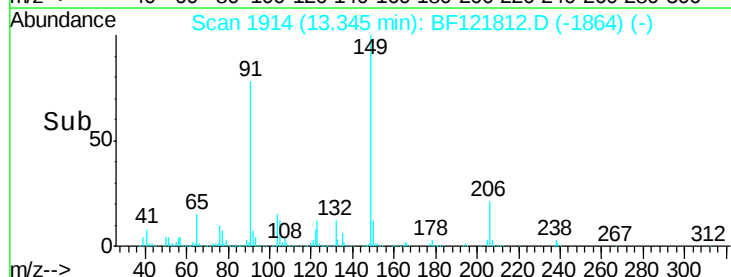
206 20.9 16.7 25.1

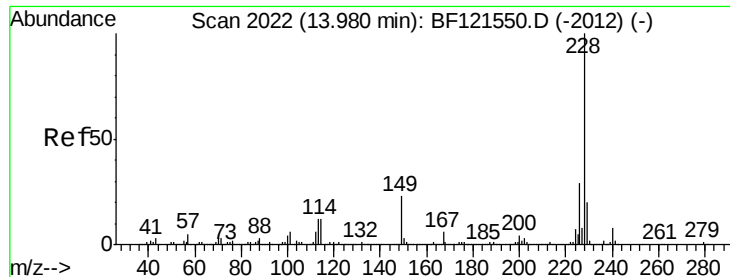


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

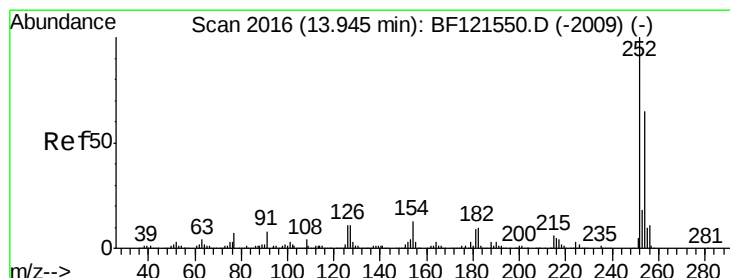
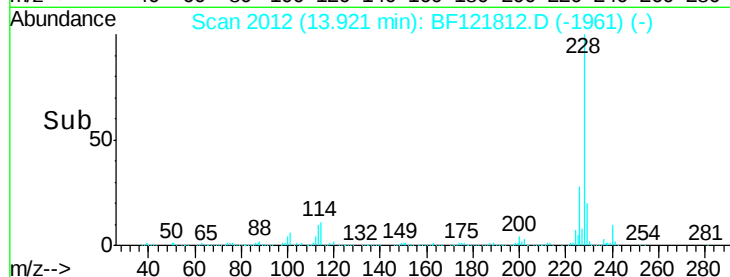
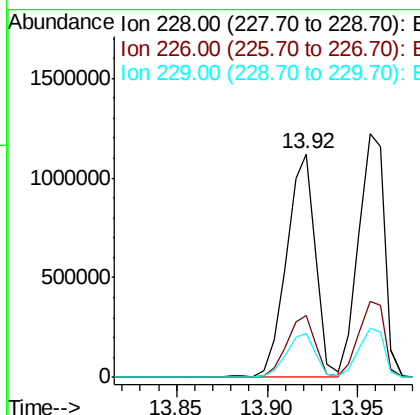
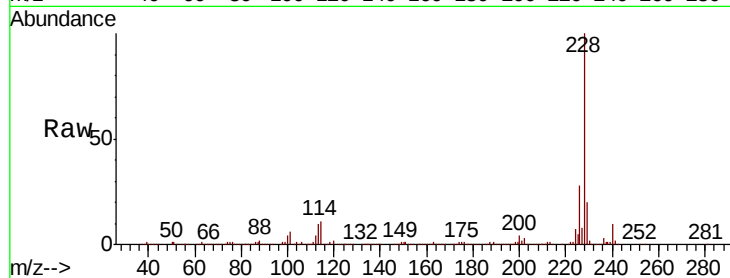




#81
Benzo(a)anthracene
Concen: 43.707 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

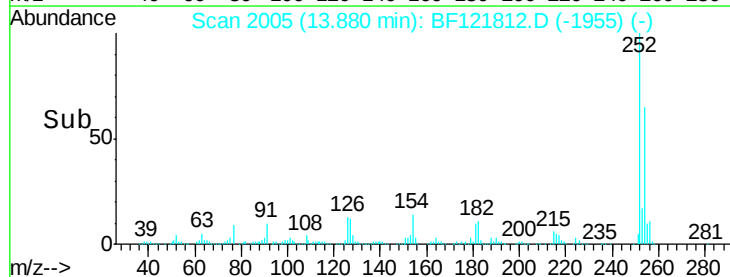
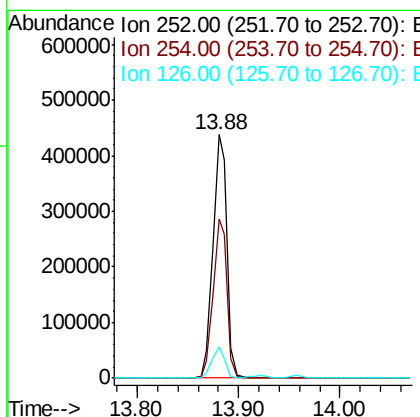
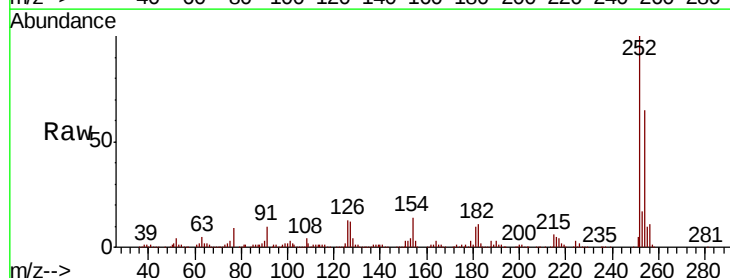
Instrument :
BNA_F
ClientSampleId :
PB132057BS

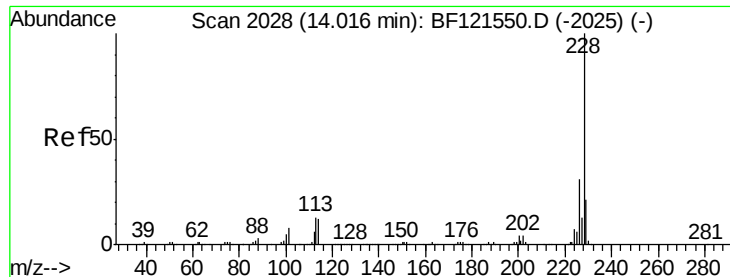
Tot Ion:228 Resp: 1254500
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.0 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 37.214 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:252 Resp: 417005
Ion Ratio Lower Upper
252 100
254 65.5 51.8 77.6
126 12.7 8.8 13.2





#83

Chrysene

Concen: 42.060 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

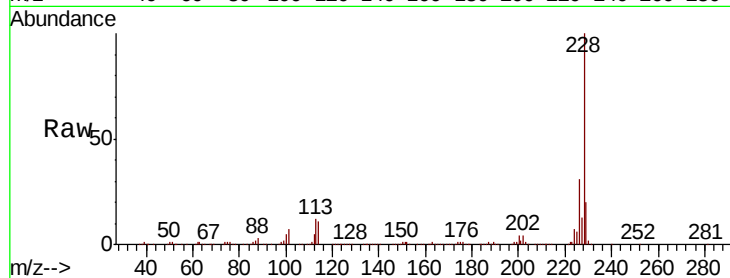
Tot Ion:228 Resp: 1222461

Ion Ratio Lower Upper

228 100

226 31.4 24.6 37.0

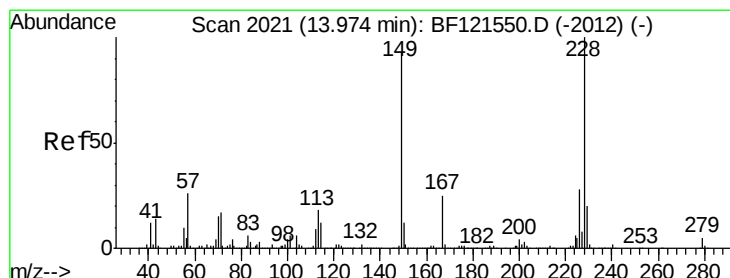
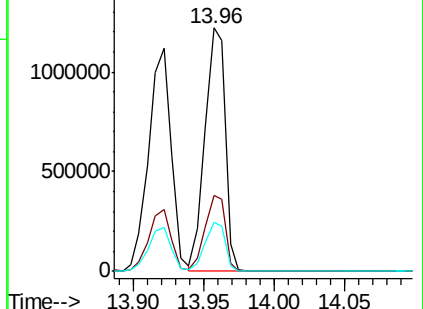
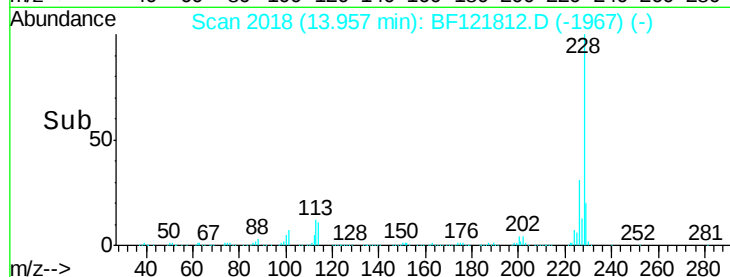
229 20.3 15.9 23.9



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: 48.110 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

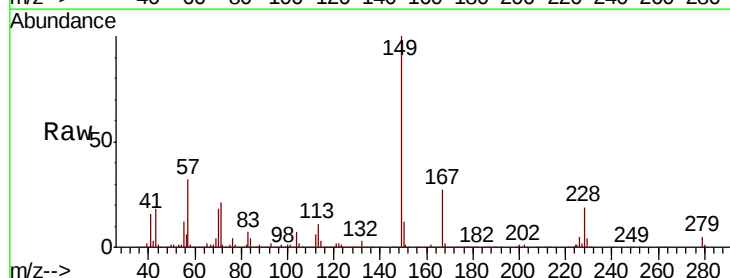
Tgt Ion:149 Resp: 861624

Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

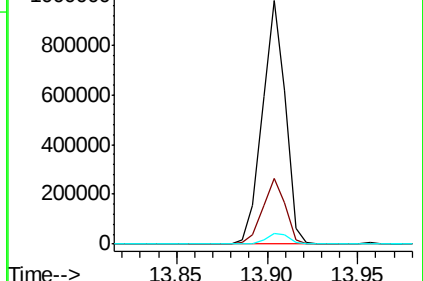
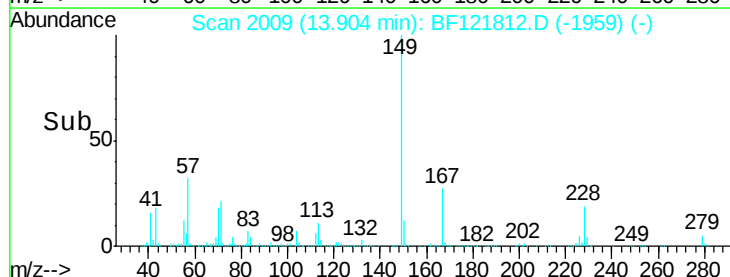
279 4.5 3.2 4.8

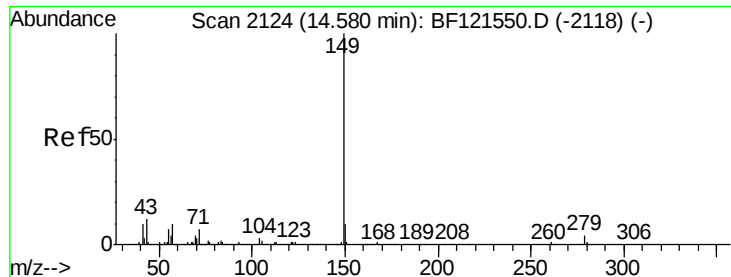


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

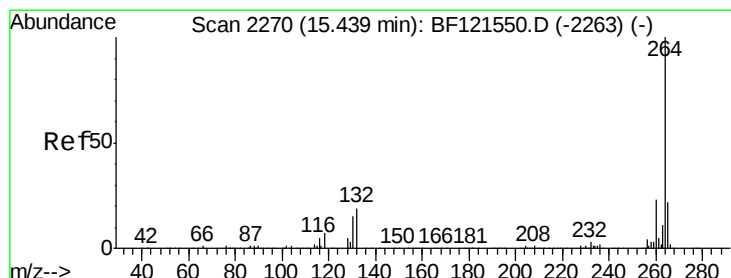
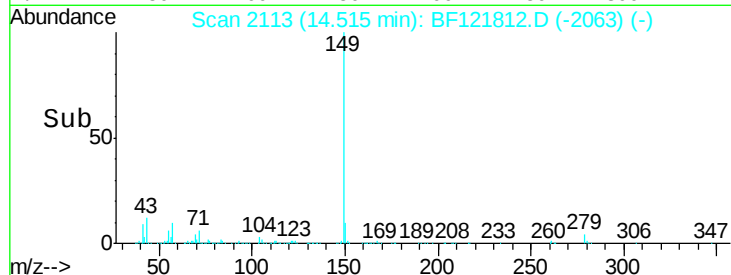
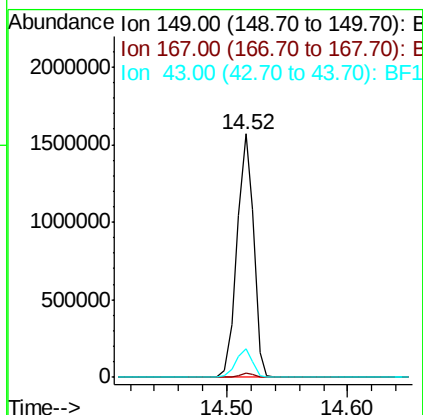
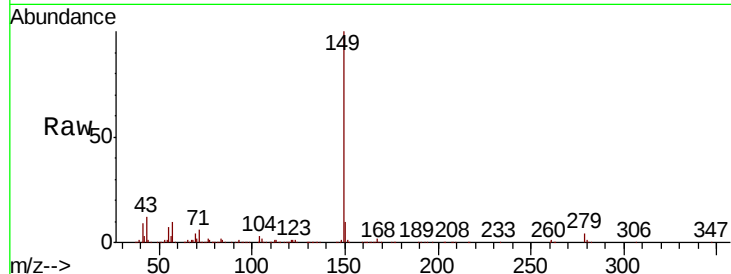




#85
Di-n-octyl phthalate
Concen: 47.697 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

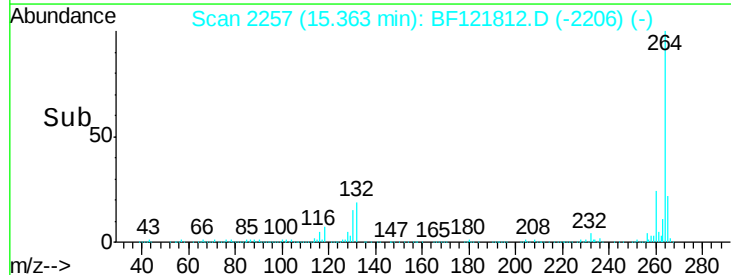
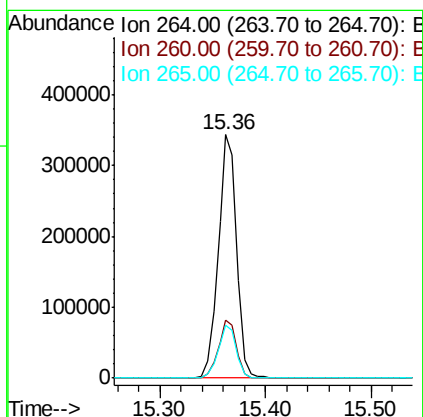
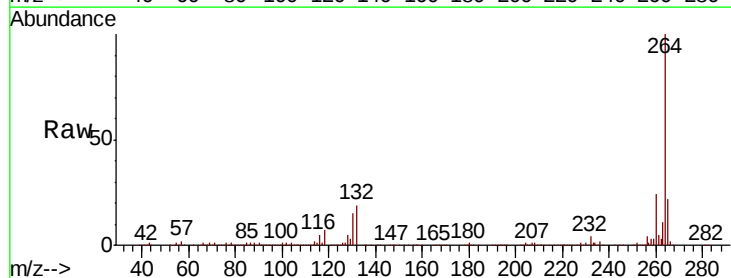
Instrument :
BNA_F
ClientSampleId :
PB132057BS

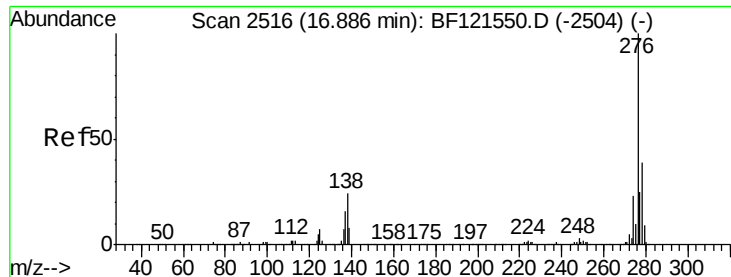
Tot Ion:149 Resp: 1507531
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 9.0 13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:264 Resp: 416041
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.8 17.3 25.9

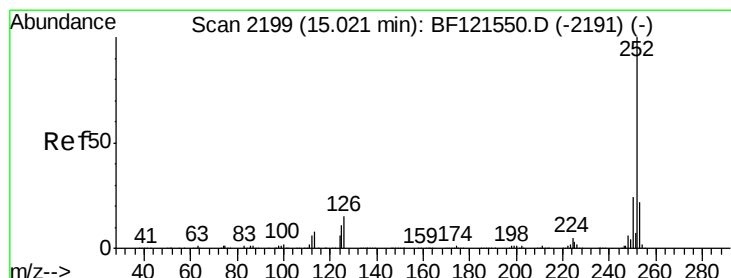
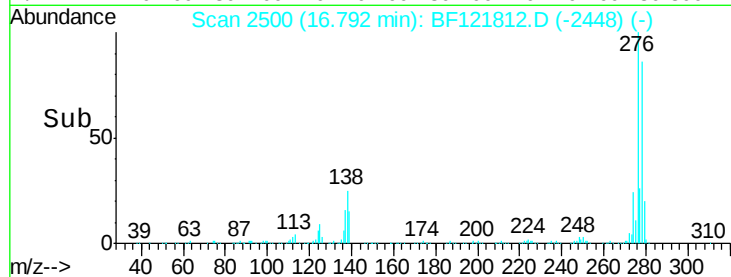
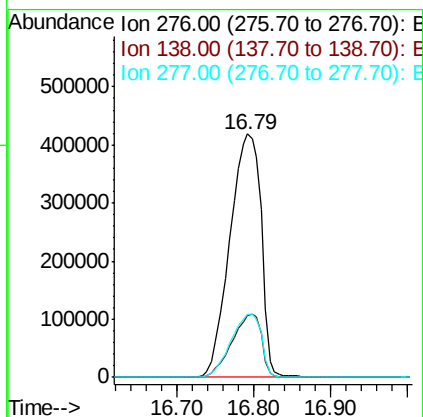
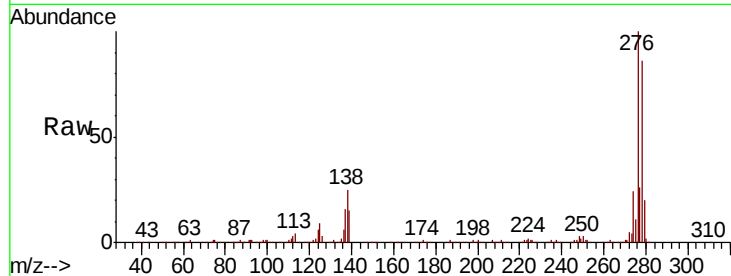




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.836 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

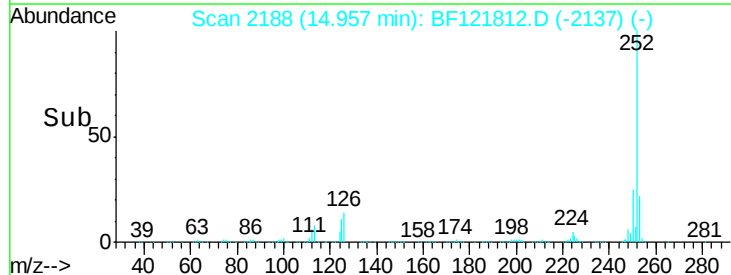
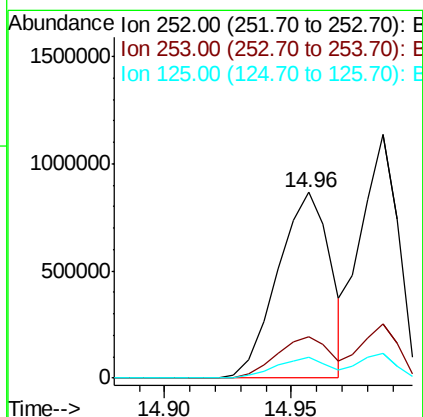
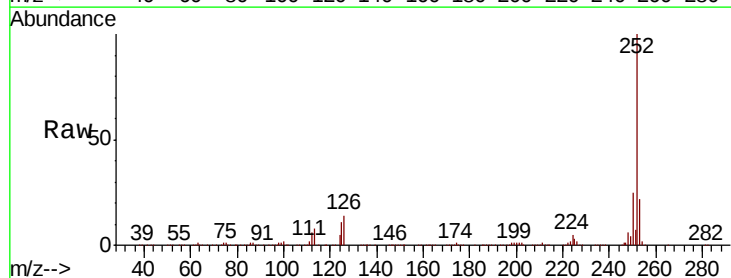
Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

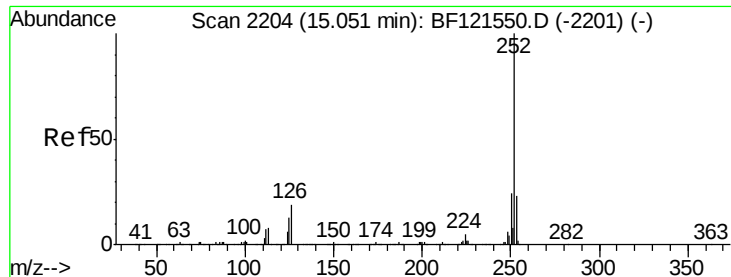
Tot Ion:276 Resp: 1187689
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.9 29.9
 277 25.5 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 45.325 ng
 RT: 14.96 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion:252 Resp: 1260614
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.2 27.2
 125 11.0 8.0 12.0

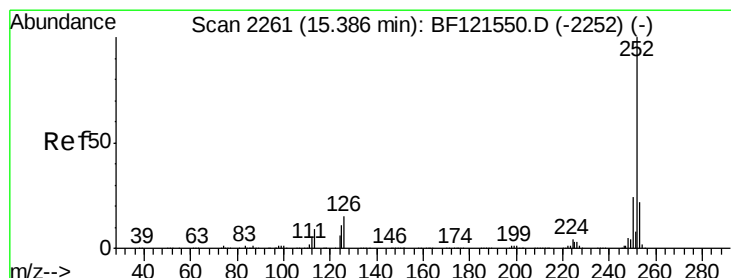
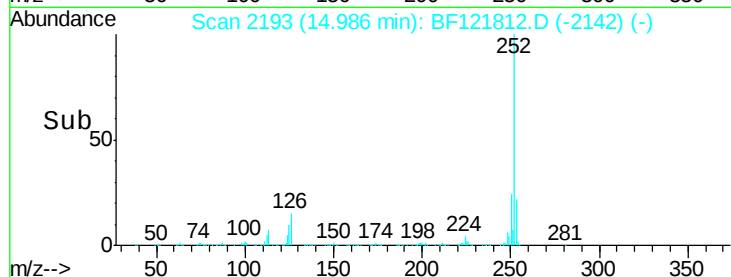
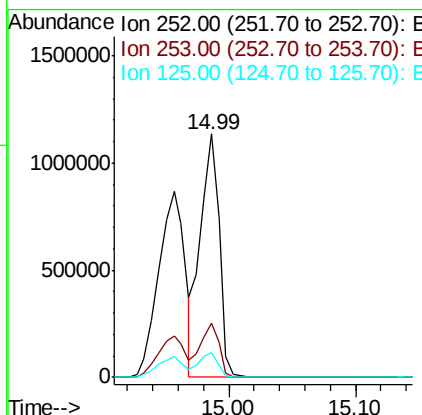
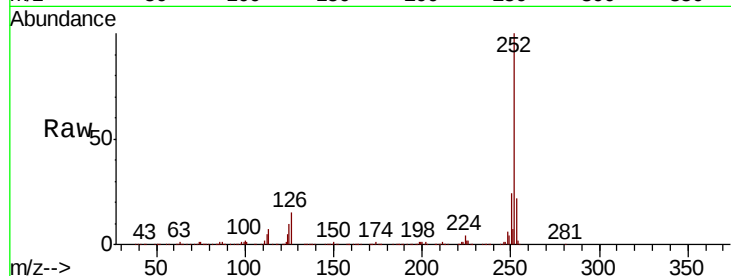




#89
Benzo(k)fluoranthene
Concen: 46.057 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

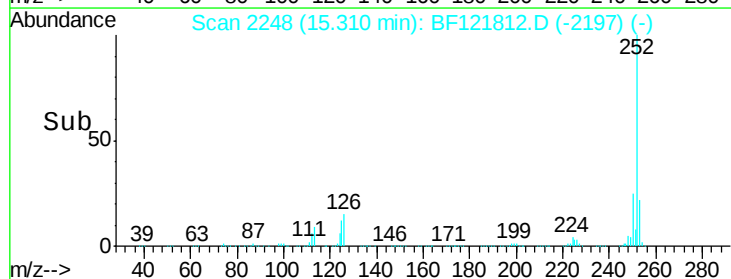
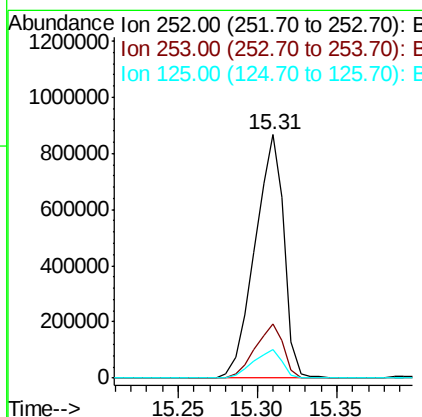
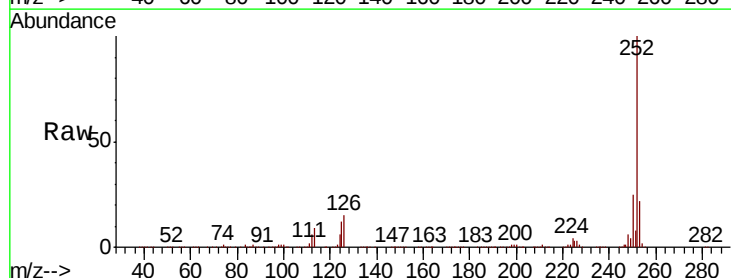
Instrument :
BNA_F
ClientSampleId :
PB132057BS

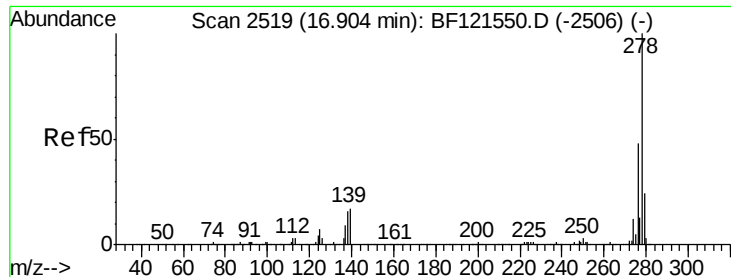
Tot Ion:252 Resp: 1173031
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 46.689 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:252 Resp: 1103803
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.486 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

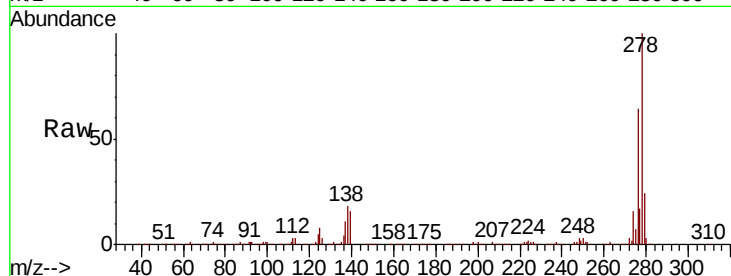
Tot Ion:278 Resp: 980766

Ion Ratio Lower Upper

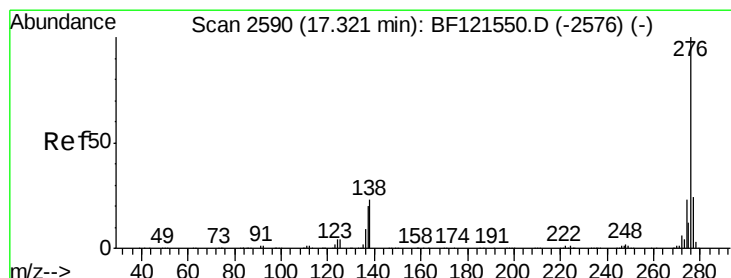
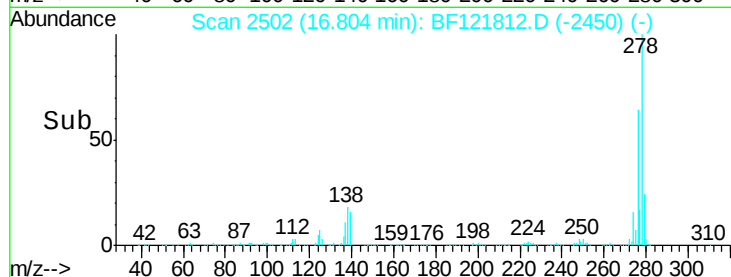
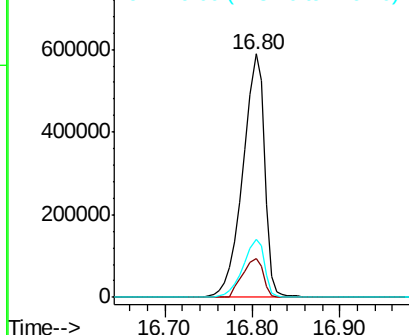
278 100

139 15.9 13.0 19.4

279 23.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
800000 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: 42.533 ng

RT: 17.22 min Scan# 2572

Delta R.T. 0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

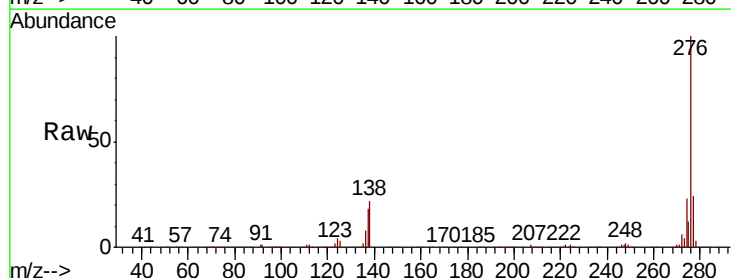
Tgt Ion:276 Resp: 942945

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.2

138 21.6 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E
500000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

