

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122759.D
 Acq On : 17 Dec 2020 12:23
 Operator : JU/CG
 Sample : PB133640BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133640BS

Quant Time: Dec 17 17:52:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	166193	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	624458	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	336840	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	622208	20.00	ng	0.00
76) Chrysene-d12	13.992	240	518236	20.00	ng	0.00
86) Perylene-d12	15.445	264	455386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1184575	112.84	ng	0.02
7) Phenol-d6	6.463	99	1518562	109.07	ng	0.00
23) Nitrobenzene-d5	7.387	82	857532	68.80	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	498359	113.03	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1650758	66.29	ng	0.00
79) Terphenyl-d14	12.933	244	1908604	64.47	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	193414	39.20	ng	97
3) Pyridine	3.404	79	520973	39.95	ng	97
4) n-Nitrosodimethylamine	3.363	42	216080	41.32	ng	96
6) Aniline	6.487	93	500530	30.54	ng	99
8) 2-Chlorophenol	6.610	128	501950	43.38	ng	97
9) Benzaldehyde	6.369	77	44881	5.33	ng	95
10) Phenol	6.475	94	594320	41.20	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	485524	44.05	ng	100
12) 1,3-Dichlorobenzene	6.763	146	565735	41.32	ng	99
13) 1,4-Dichlorobenzene	6.840	146	566992	41.07	ng	99
14) 1,2-Dichlorobenzene	6.992	146	526246	39.49	ng	99
15) Benzyl Alcohol	6.969	79	406623	42.42	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	601748	38.29	ng	97
17) 2-Methylphenol	7.081	107	418066	45.45	ng	98
18) Hexachloroethane	7.334	117	204773	41.62	ng	99
19) n-Nitroso-di-n-propyla...	7.239	70	328840	41.23	ng	98
20) 3+4-Methylphenols	7.234	107	489322	42.11	ng	99
22) Acetophenone	7.234	105	657608	42.35	ng	95
24) Nitrobenzene	7.404	77	523552	42.23	ng	100
25) Isophorone	7.645	82	952097	44.35	ng	99
26) 2-Nitrophenol	7.722	139	285305	47.18	ng	93
27) 2,4-Dimethylphenol	7.763	122	445369	50.25	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	606859	41.28	ng	98
29) 2,4-Dichlorophenol	7.969	162	443154	42.81	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	484366	41.30	ng	100
31) Naphthalene	8.128	128	1470102	42.66	ng	99
32) Benzoic acid	7.910	122	312219	44.21	ng	99
33) 4-Chloroaniline	8.175	127	381830	26.51	ng	100
34) Hexachlorobutadiene	8.245	225	284051	39.35	ng	99
35) Caprolactam	8.557	113	85492	27.42	ng	96
36) 4-Chloro-3-methylphenol	8.669	107	455553	44.68	ng	98
37) 2-Methylnaphthalene	8.822	142	991805	43.51	ng	98
38) 1-Methylnaphthalene	8.922	142	911840	42.29	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	461200	41.34	ng	99
41) Hexachlorocyclopentadiene	8.975	237	378143	76.66	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	311121	40.38	ng	99

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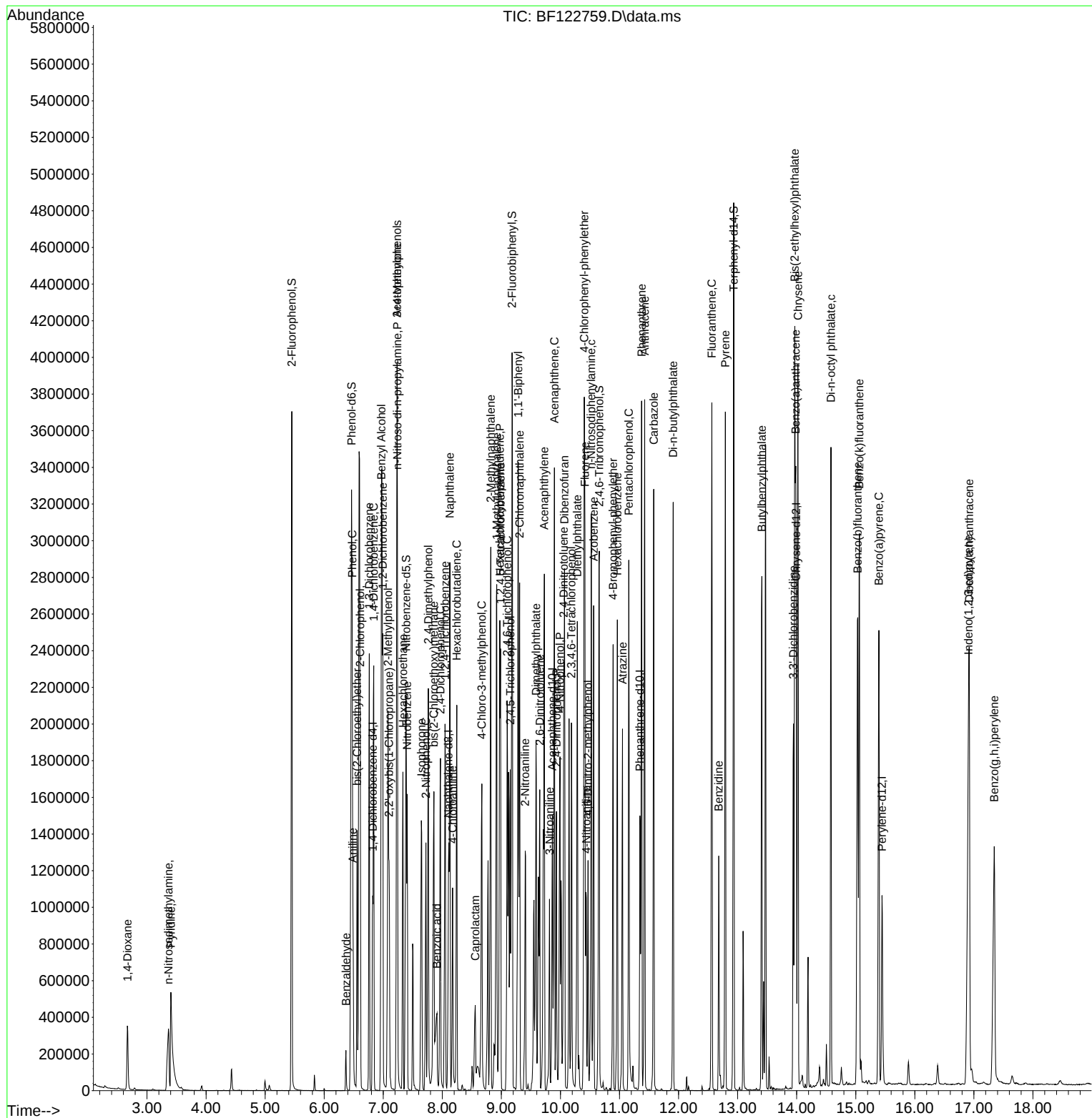
Quant Time: Dec 17 17:52:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	339035	42.57	ng	95
46) 1,1'-Biphenyl	9.286	154	1180354	42.22	ng	98
47) 2-Chloronaphthalene	9.310	162	937518	40.48	ng	99
48) 2-Nitroaniline	9.404	65	269221	39.87	ng	93
49) Acenaphthylene	9.728	152	1437543	42.02	ng	99
50) Dimethylphthalate	9.586	163	1110086	41.27	ng	99
51) 2,6-Dinitrotoluene	9.651	165	251584	44.28	ng	99
52) Acenaphthene	9.898	154	857191	38.73	ng	100
53) 3-Nitroaniline	9.816	138	177703	27.07	ng	96
54) 2,4-Dinitrophenol	9.933	184	272375	98.05	ng	92
55) Dibenzofuran	10.069	168	1291287	41.47	ng	99
56) 4-Nitrophenol	9.992	139	383515	81.93	ng	95
57) 2,4-Dinitrotoluene	10.057	165	332214	43.90	ng	99
58) Fluorene	10.416	166	990262	39.99	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	299009	42.73	ng	98
60) Diethylphthalate	10.286	149	1090007	41.66	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	482195	39.55	ng	97
62) 4-Nitroaniline	10.439	138	255715	38.37	ng	93
63) Azobenzene	10.563	77	986424	41.01	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	188374	49.65	ng	98
66) n-Nitrosodiphenylamine	10.522	169	925265	42.09	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	340451	40.38	ng	95
68) Hexachlorobenzene	10.963	284	375717	40.31	ng	96
69) Atrazine	11.051	200	254351	35.62	ng	99
70) Pentachlorophenol	11.157	266	404886	81.99	ng	99
71) Phenanthrene	11.375	178	1494392	40.41	ng	100
72) Anthracene	11.427	178	1535797	41.88	ng	99
73) Carbazole	11.580	167	1386389	41.69	ng	100
74) Di-n-butylphthalate	11.910	149	1654865	39.60	ng	99
75) Fluoranthene	12.563	202	1610243	41.53	ng	100
77) Benzidine	12.680	184	511149	45.60	ng	99
78) Pyrene	12.792	202	1630221	40.69	ng	99
80) Butylbenzylphthalate	13.410	149	713923	39.56	ng	95
81) Benzo(a)anthracene	13.980	228	1440111	41.58	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	450129	36.29	ng	99
83) Chrysene	14.021	228	1437757	41.71	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	963688	38.99	ng	99
85) Di-n-octyl phthalate	14.580	149	1655853	40.39	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	1474483	49.33	ng	100
88) Benzo(b)fluoranthene	15.033	252	1609314	50.37	ng	99
89) Benzo(k)fluoranthene	15.063	252	1352660	46.30	ng	99
90) Benzo(a)pyrene	15.392	252	1340343	47.95	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1217962	49.78	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1233467	52.09	ng	100

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

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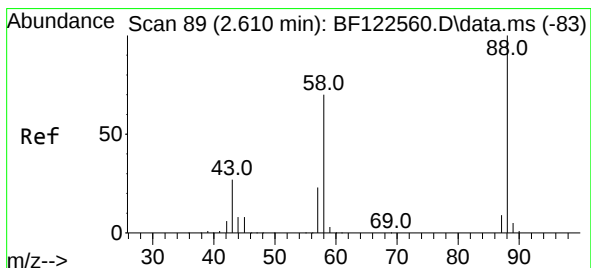
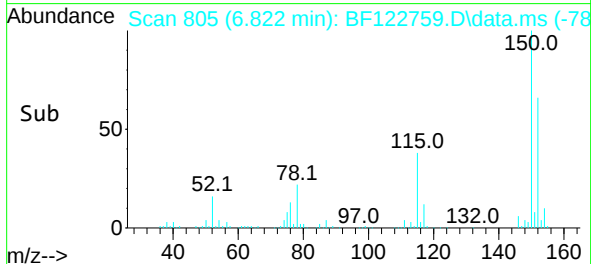
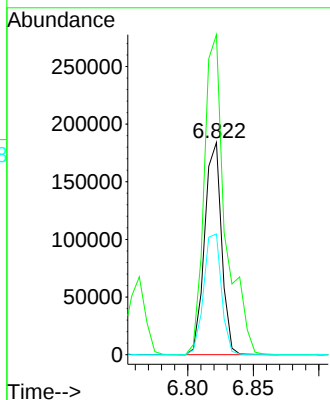
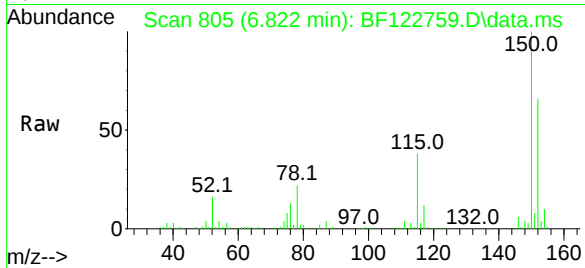




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

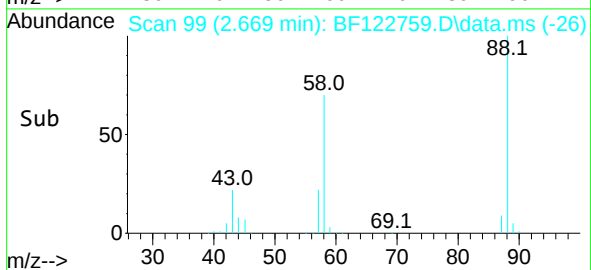
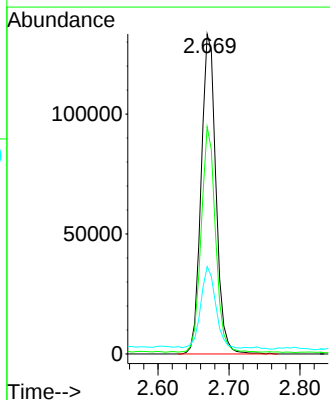
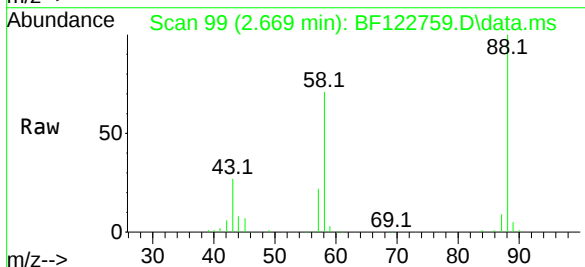
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BNA_F
ClientSampleId :
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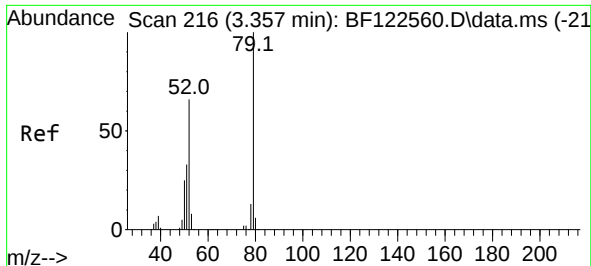
Tgt Ion:152 Resp: 166193
Ion Ratio Lower Upper
152 100
150 150.9 125.8 188.6
115 56.9 49.3 73.9



#2
1,4-Dioxane
Concen: 39.20 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.129 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion: 88 Resp: 193414
Ion Ratio Lower Upper
88 100
58 68.0 56.2 84.2
43 25.4 21.8 32.6

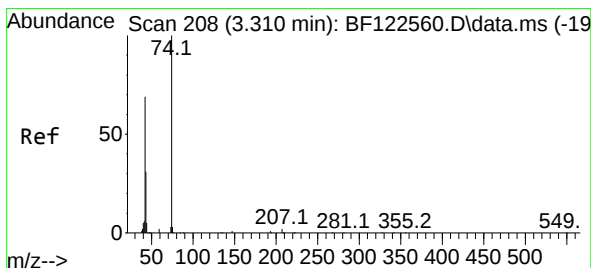
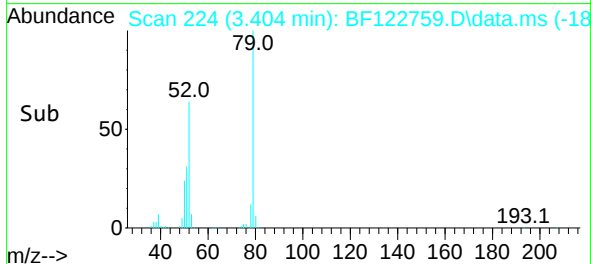
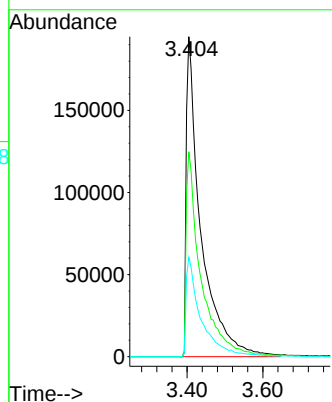
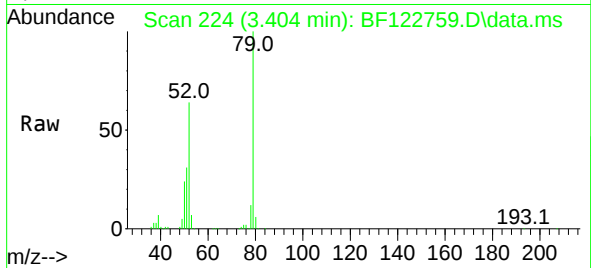




#3
Pyridine
Concen: 39.95 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.118 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

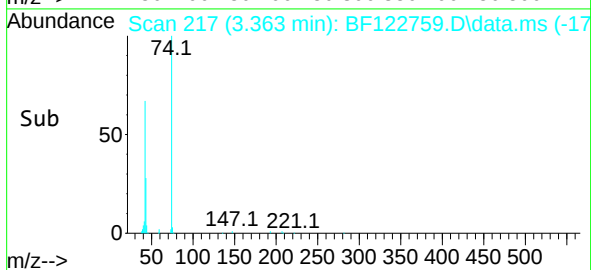
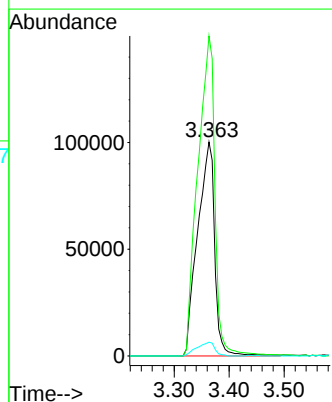
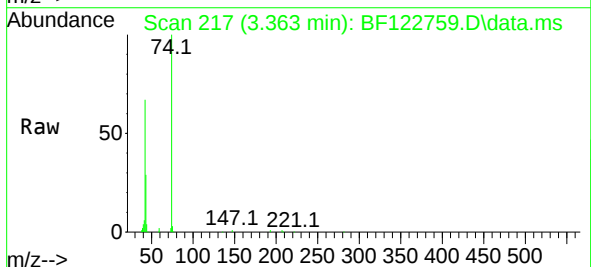
Instrument :
BNA_F
ClientSampleId :
PB133640BS

Tgt Ion: 79 Resp: 520973
Ion Ratio Lower Upper
79 100
52 64.1 53.0 79.4
51 31.1 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 41.32 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.123 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion: 42 Resp: 216080
Ion Ratio Lower Upper
42 100
74 149.5 115.2 172.8
44 6.4 5.4 8.0

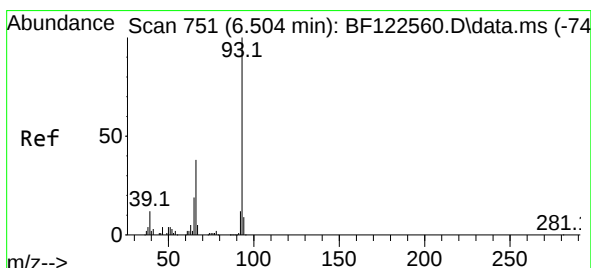
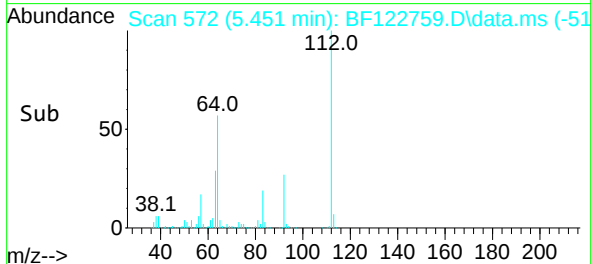
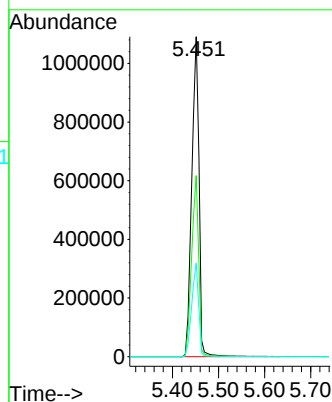
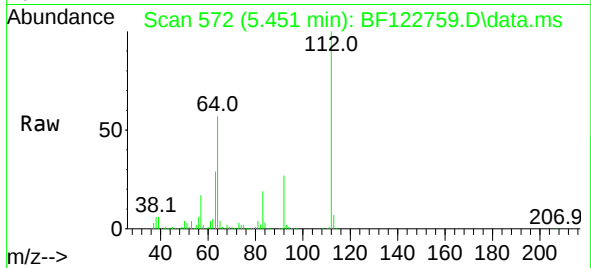




#5
2-Fluorophenol
Concen: 112.84 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

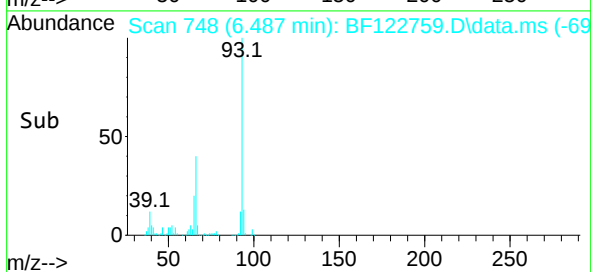
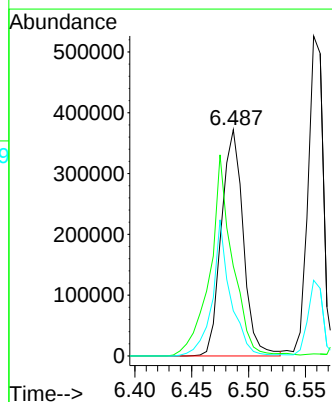
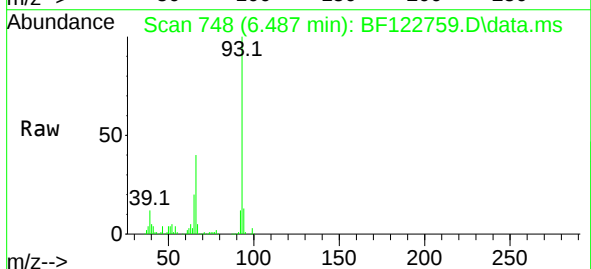
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ClientSampleId :
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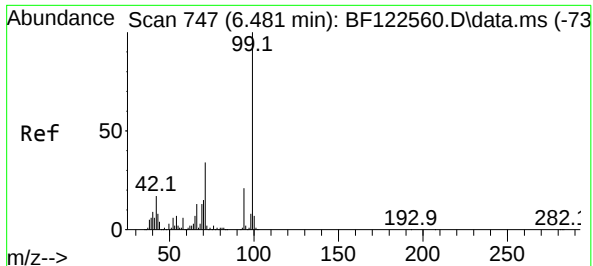
Tgt Ion:112 Resp: 1184575
Ion Ratio Lower Upper
112 100
64 56.6 46.9 70.3
63 29.2 24.5 36.7



#6
Aniline
Concen: 30.54 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion: 93 Resp: 500530
Ion Ratio Lower Upper
93 100
66 39.7 31.3 46.9
65 19.9 15.6 23.4

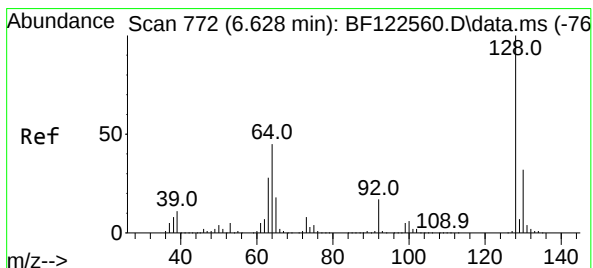
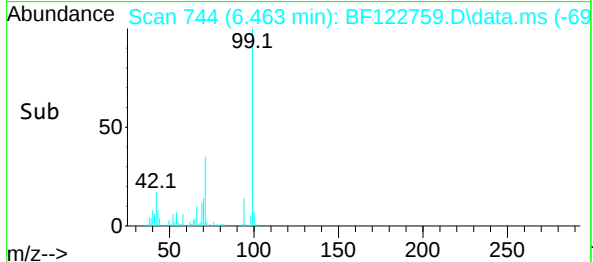
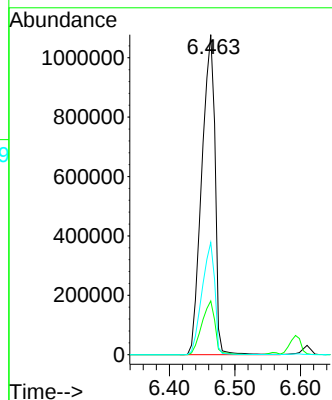
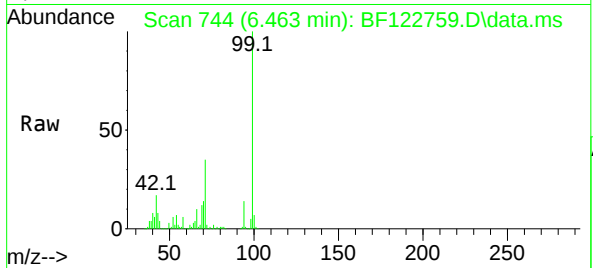




#7
Phenol-d6
Concen: 109.07 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

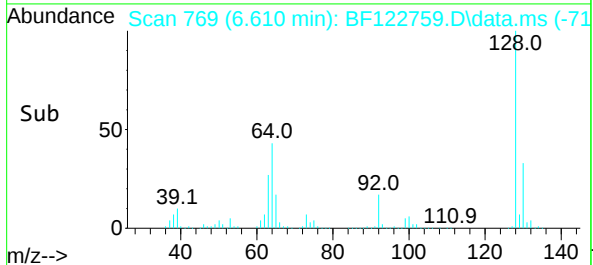
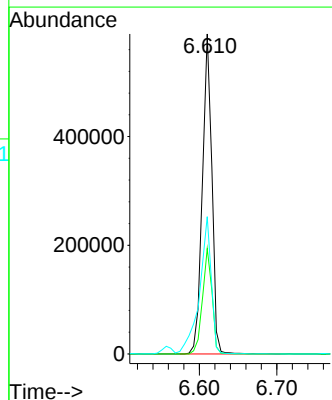
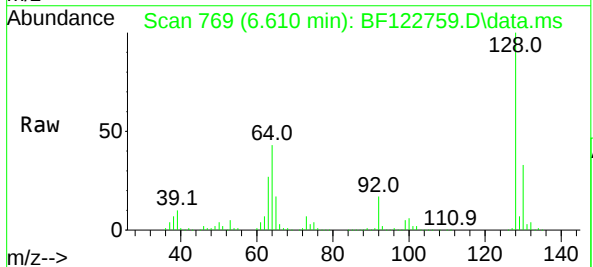
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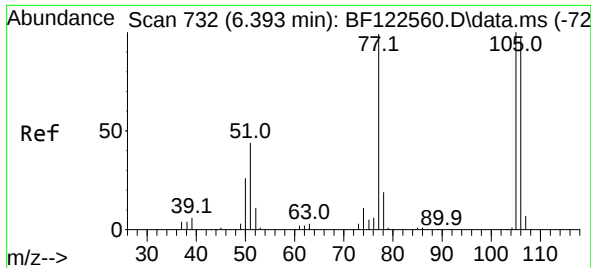
Tgt Ion: 99 Resp: 1518562
Ion Ratio Lower Upper
99 100
42 16.8 13.8 20.6
71 35.0 26.9 40.3



#8
2-Chlorophenol
Concen: 43.38 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF122759.D
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Tgt Ion: 128 Resp: 501950
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 42.9 25.5 65.5

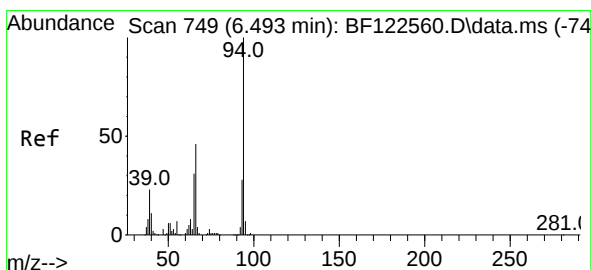
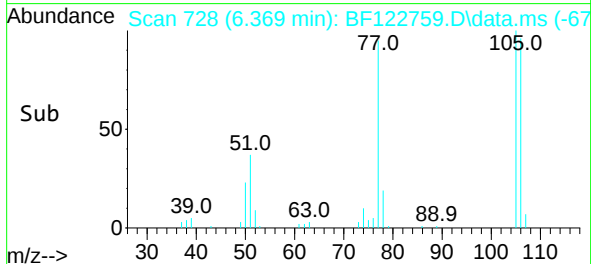
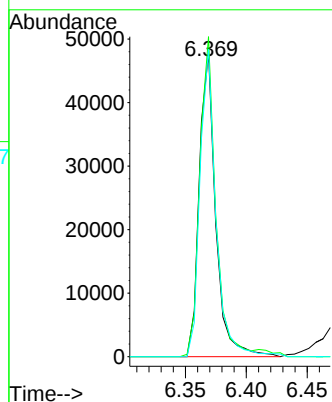
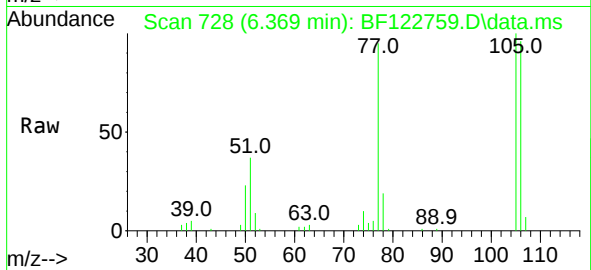




#9
Benzaldehyde
Concen: 5.33 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

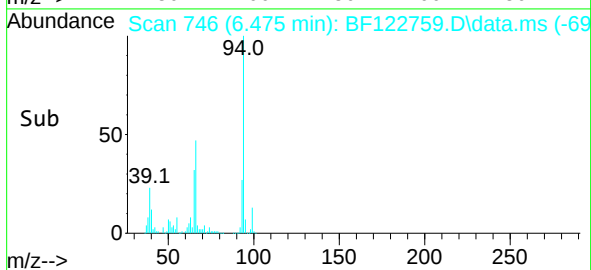
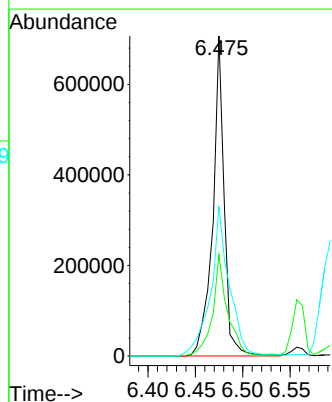
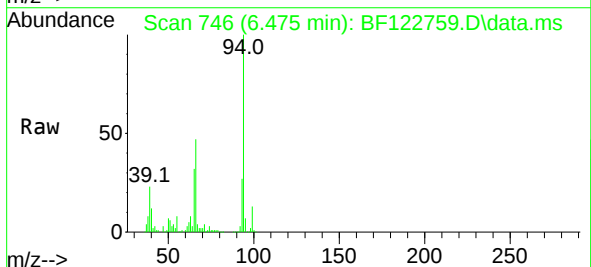
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Tgt Ion:	77	Resp:	44881
Ion	Ratio	Lower	Upper
77	100		
105	105.7	80.6	120.6
106	101.6	77.2	117.2



#10
Phenol
Concen: 41.20 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

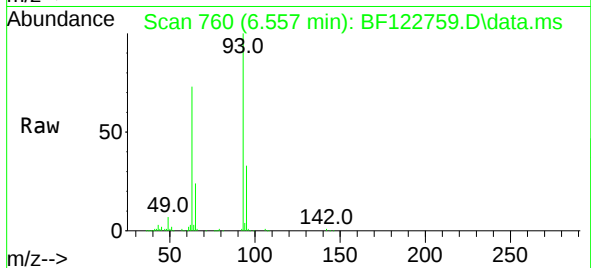
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Ion	Ratio	Lower	Upper
94	100		
65	31.7	11.2	51.2
66	46.8	25.8	65.8



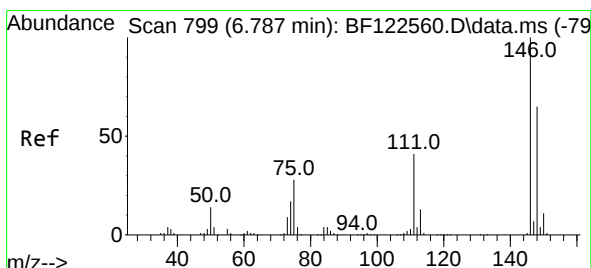
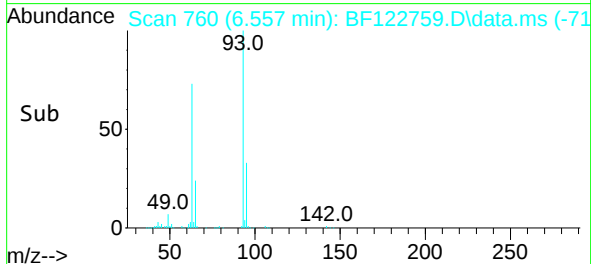
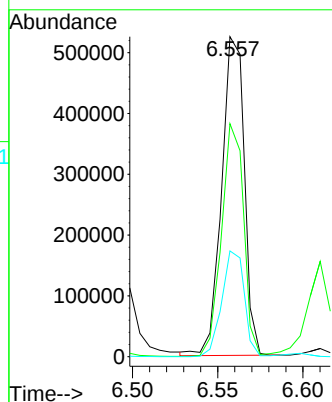


#11
bis(2-Chloroethyl)ether
Concen: 44.05 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Instrument :
BNA_F
ClientSampleId :
PB133640BS

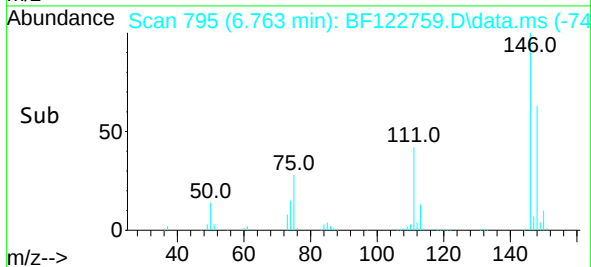
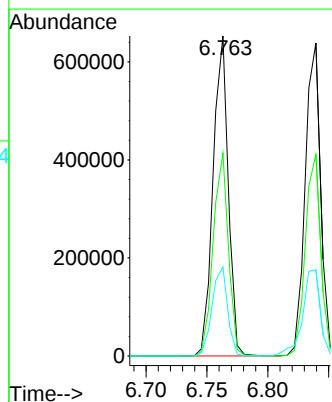
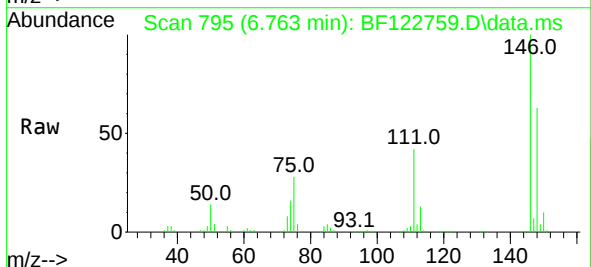


Tgt Ion: 93 Resp: 485524
Ion Ratio Lower Upper
93 100
63 72.8 52.6 92.6
95 33.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.32 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion: 146 Resp: 565735
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 27.9 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 41.07 ng

RT: 6.840 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

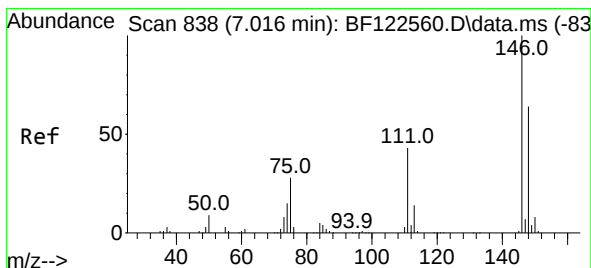
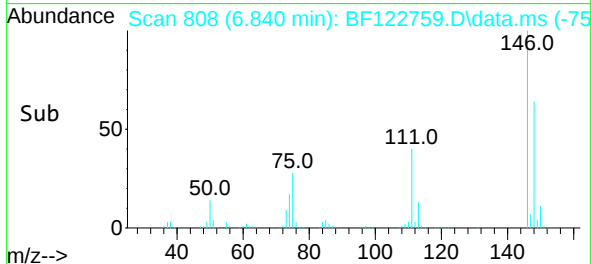
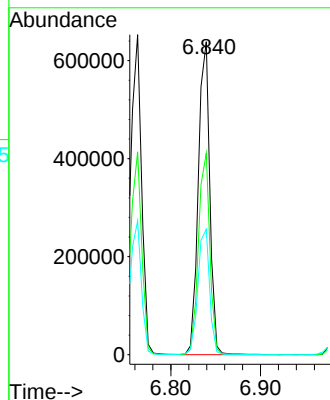
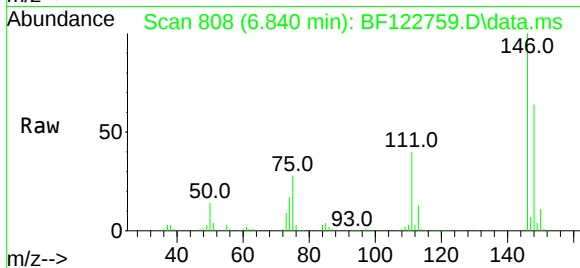
Tgt Ion:146 Resp: 566992

Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

111 40.1 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 39.49 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

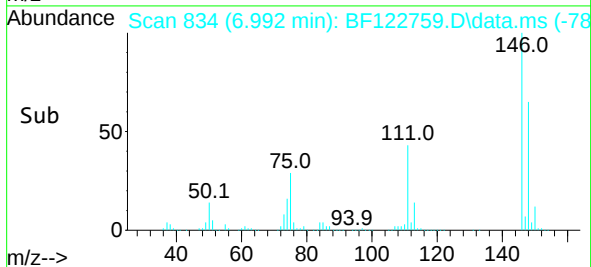
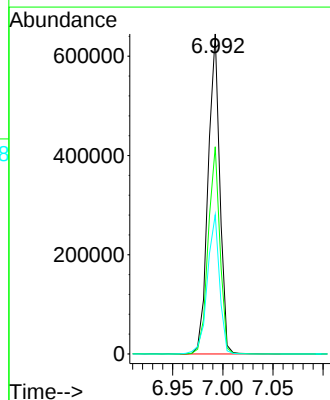
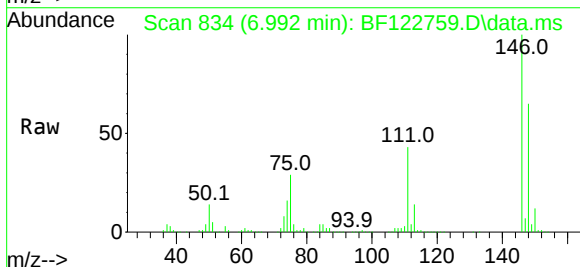
Tgt Ion:146 Resp: 526246

Ion Ratio Lower Upper

146 100

148 64.8 51.5 77.3

111 43.5 34.2 51.2



Instrument :

BNA_F

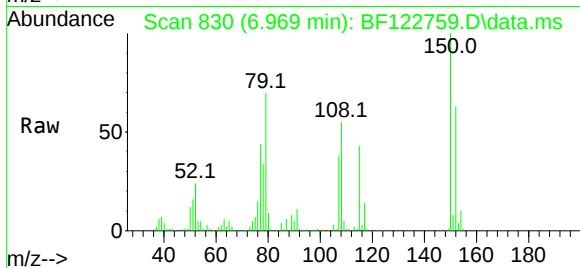
ClientSampleId :

PB133640BS



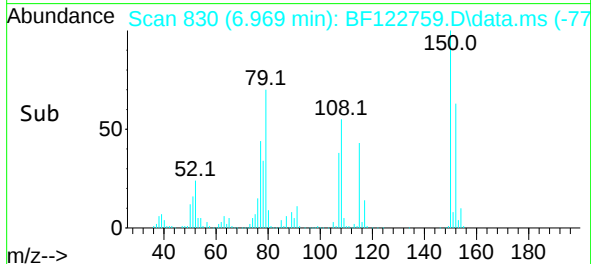
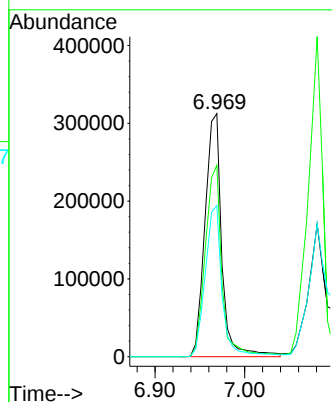
#15
Benzyl Alcohol
Concen: 42.42 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Instrument :
BNA_F
ClientSampleId :
PB133640BS



Tgt Ion: 79 Resp: 406623

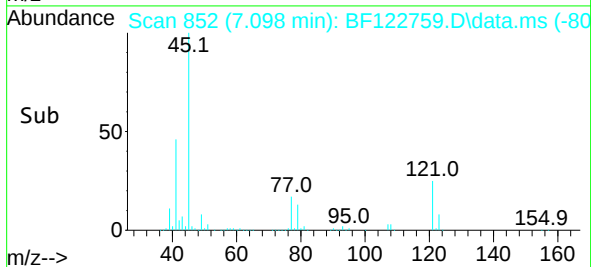
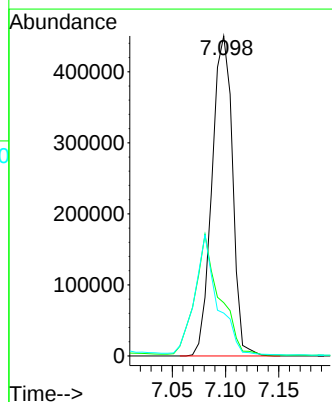
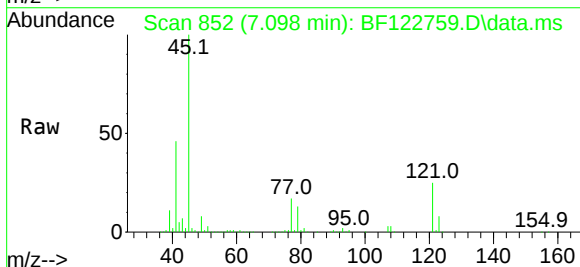
Ion	Ratio	Lower	Upper
79	100		
108	78.7	62.4	93.6
77	62.1	49.0	73.6

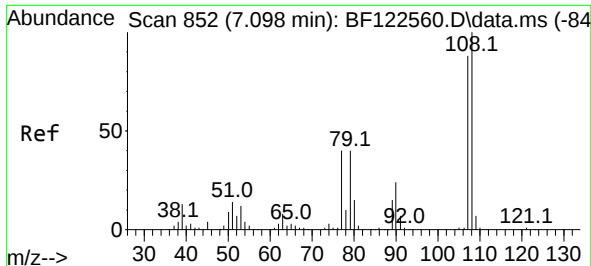


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.29 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion: 45 Resp: 601748

Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	35.6
79	13.4	0.0	32.4

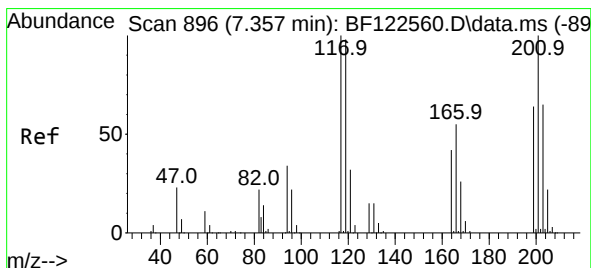
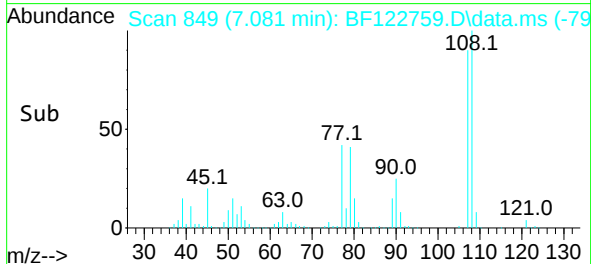
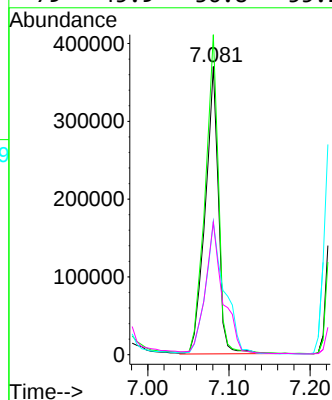
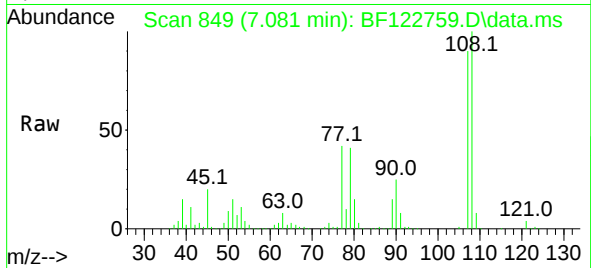




#17
2-Methylphenol
Concen: 45.45 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

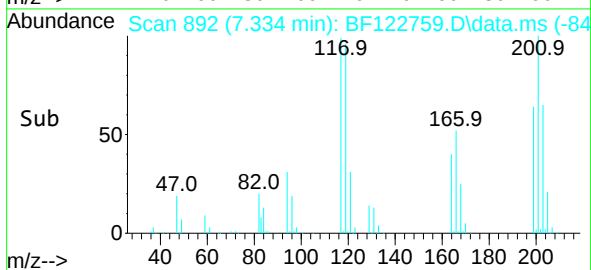
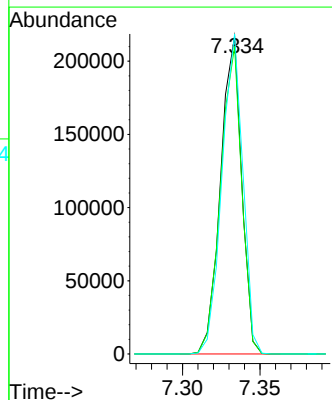
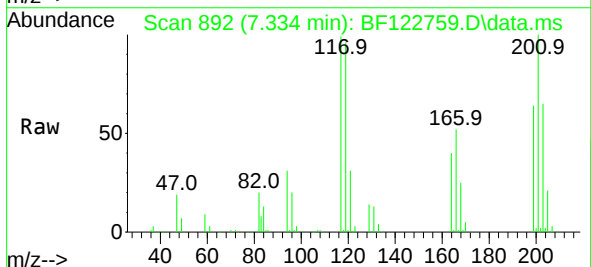
Instrument :
BNA_F
ClientSampleId :
PB133640BS

Tgt Ion:107	Resp: 418066
Ion Ratio	Lower Upper
107 100	
108 111.0	91.1 136.7
77 46.2	36.3 54.5
79 45.9	36.8 55.2



#18
Hexachloroethane
Concen: 41.62 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

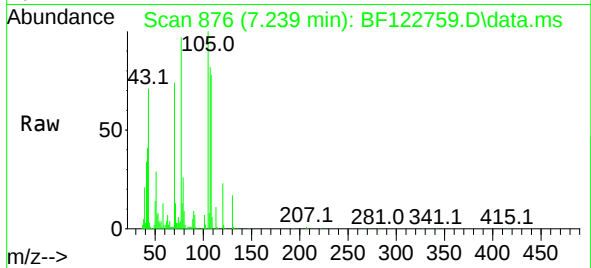
Tgt Ion:117	Resp: 204773
Ion Ratio	Lower Upper
117 100	
119 96.8	78.4 117.6
201 100.8	79.6 119.4



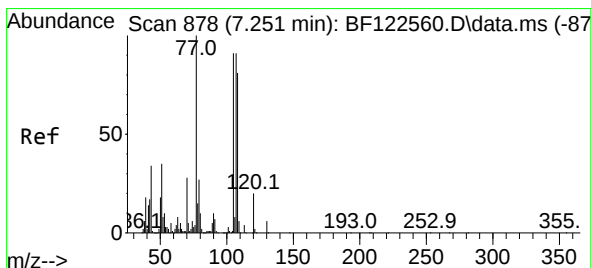
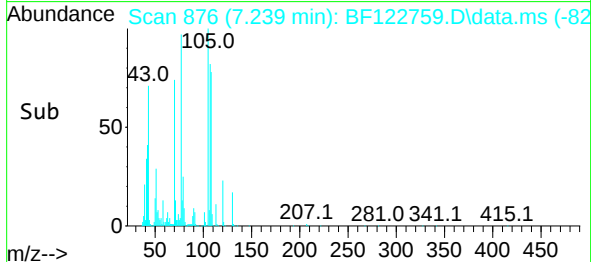
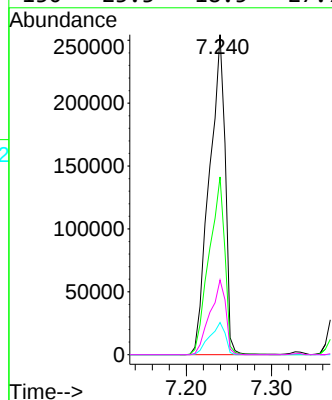


#19
n-Nitroso-di-n-propylamine
Concen: 41.23 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Instrument :
BNA_F
ClientSampleId :
PB133640BS

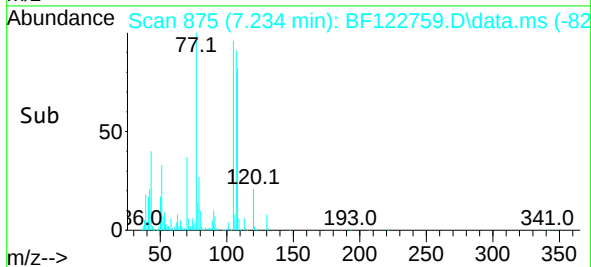
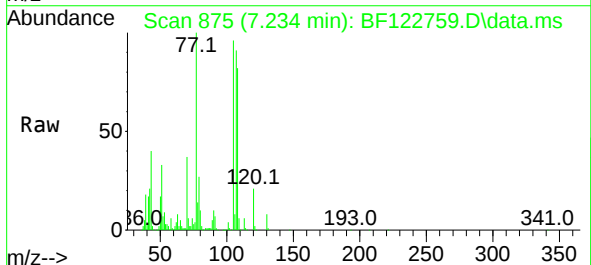
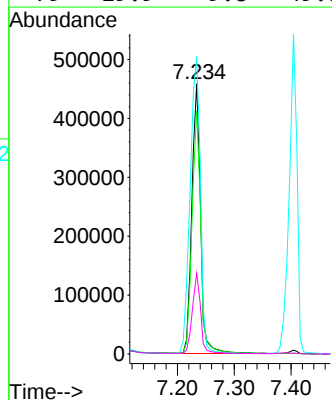


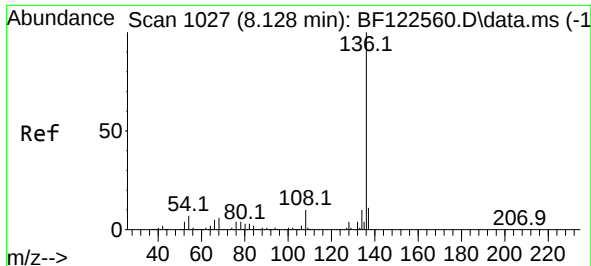
Tgt Ion: 70	Resp: 328840
Ion Ratio	Lower Upper
70 100	
42 55.6	43.0 64.4
101 10.1	7.9 11.9
130 23.3	18.5 27.7



#20
3+4-Methylphenols
Concen: 42.11 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

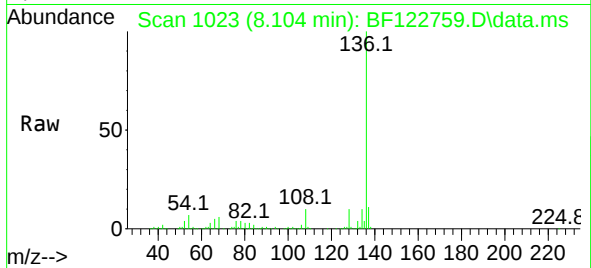
Tgt	Ion:107	Resp:	489322
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.7	108.7
77	110.0	89.8	129.8
79	29.9	9.8	49.8



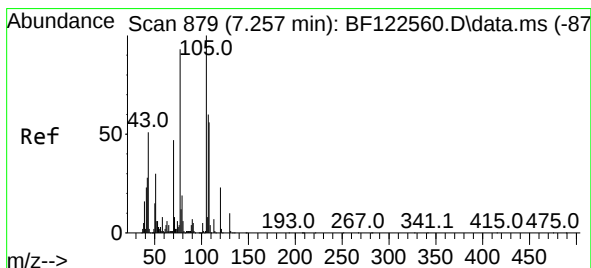
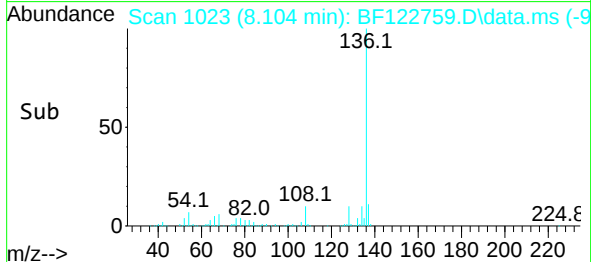
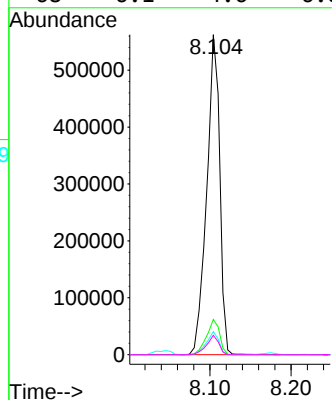


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Instrument :
BNA_F
ClientSampleId :
PB133640BS

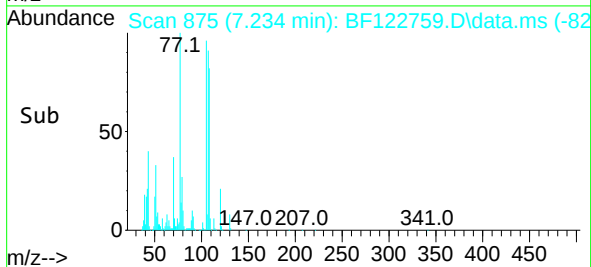
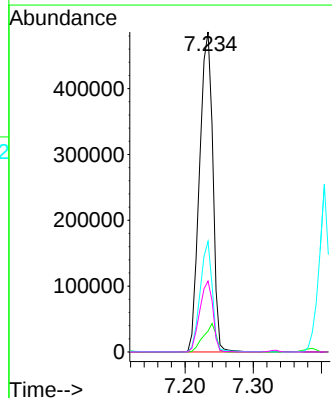
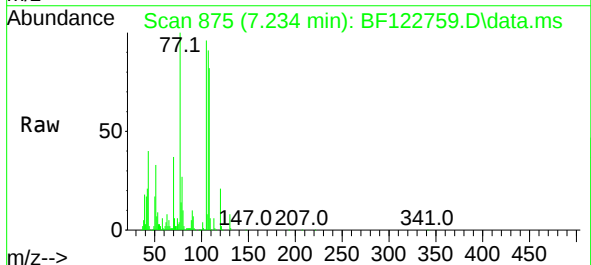


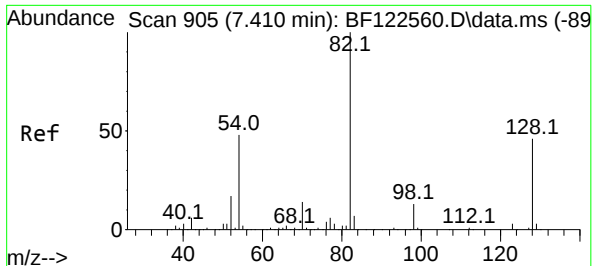
Tgt Ion:136 Resp: 624458
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.2 5.5 8.3
68 6.1 4.6 6.8



#22
Acetophenone
Concen: 42.35 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:105 Resp: 657608
Ion Ratio Lower Upper
105 100
71 6.5 6.5 9.7
51 34.5 24.3 36.5
120 22.1 18.1 27.1





#23

Nitrobenzene-d5

Concen: 68.80 ng

RT: 7.387 min Scan# 901

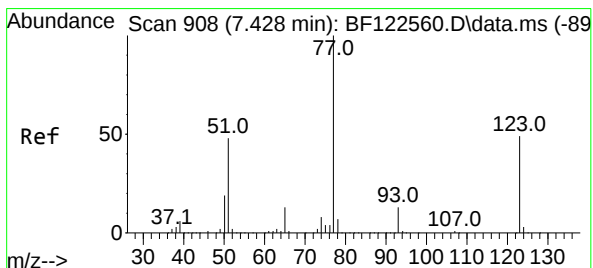
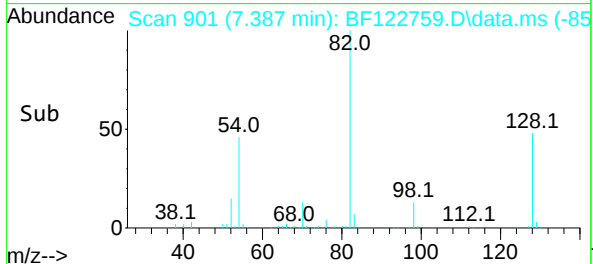
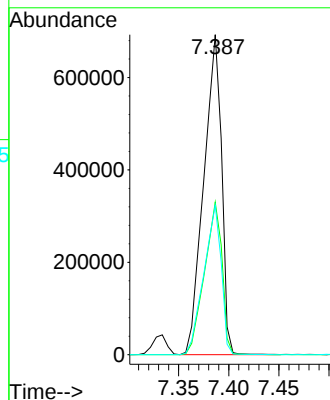
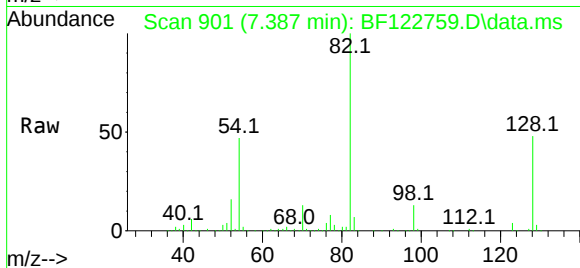
Delta R.T. -0.006 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

Tgt Ion: 82 Resp: 857532

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.0	55.4
54	46.7	38.4	57.6



#24

Nitrobenzene

Concen: 42.23 ng

RT: 7.404 min Scan# 904

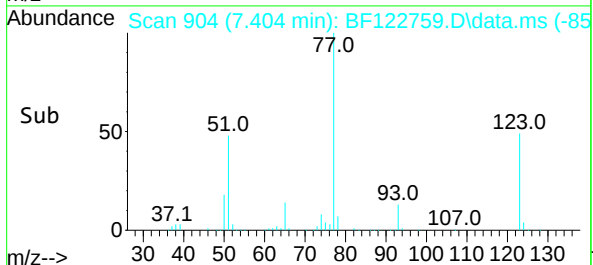
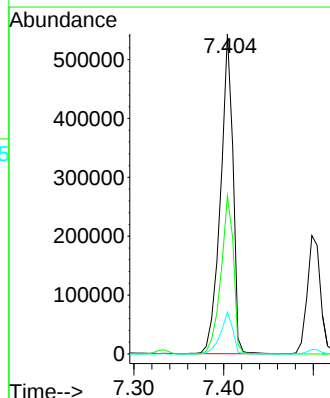
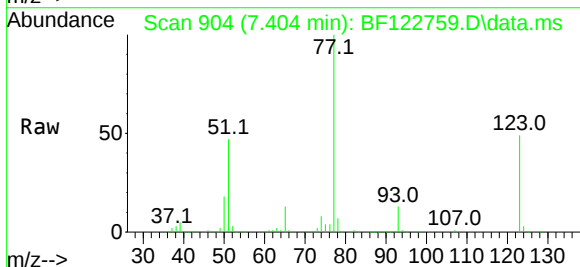
Delta R.T. -0.006 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

Tgt Ion: 77 Resp: 523552

Ion	Ratio	Lower	Upper
77	100		
123	49.4	39.3	58.9
65	13.1	10.6	15.8

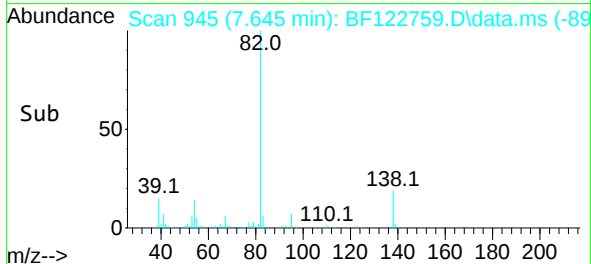
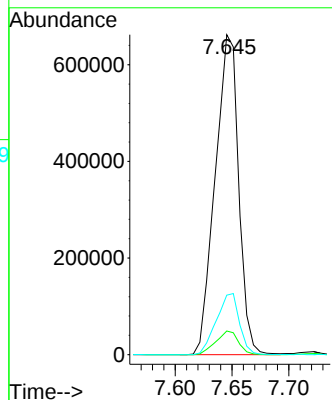
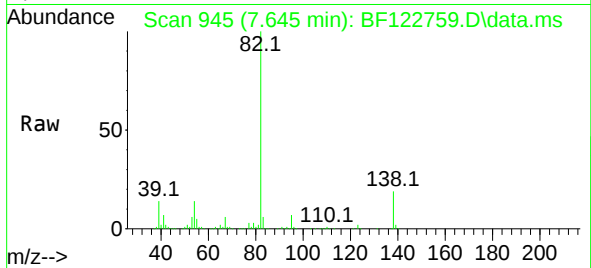




#25
Isophorone
Concen: 44.35 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

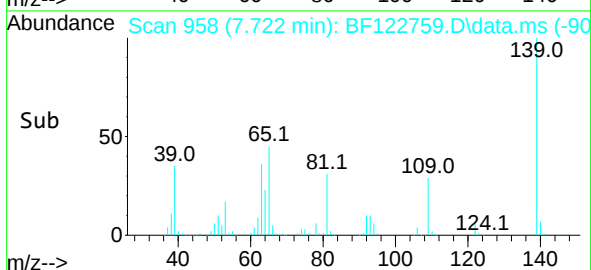
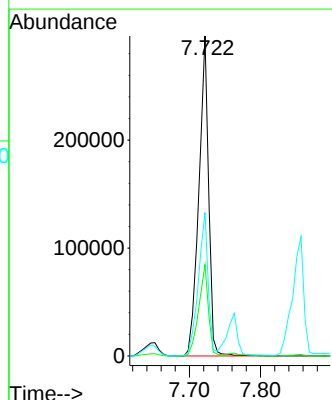
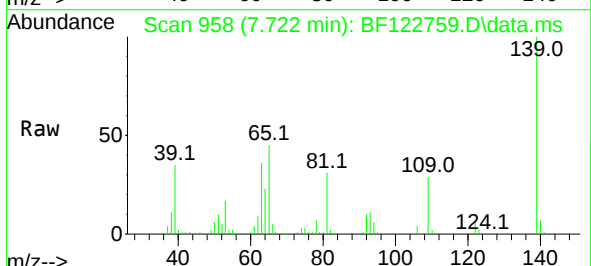
Instrument :
BNA_F
ClientSampleId :
PB133640BS

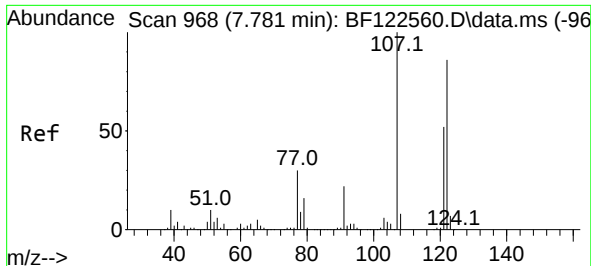
Tgt Ion: 82 Resp: 952097
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 18.6 14.6 21.8



#26
2-Nitrophenol
Concen: 47.18 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:139 Resp: 285305
Ion Ratio Lower Upper
139 100
109 28.6 24.0 36.0
65 44.9 40.9 61.3

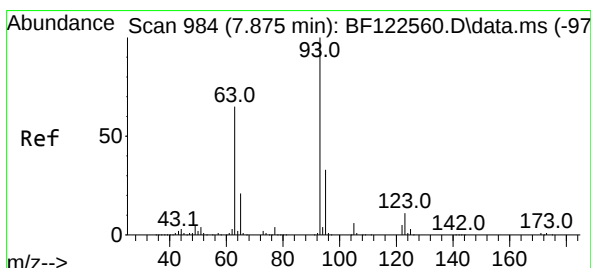
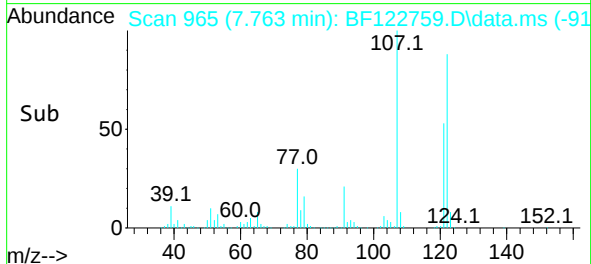
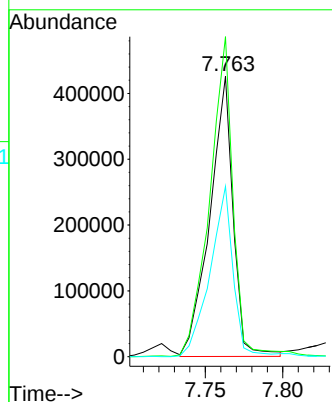
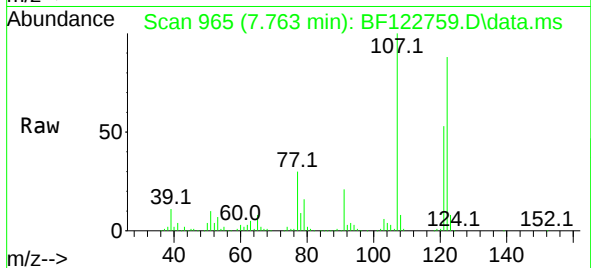




#27
2,4-Dimethylphenol
Concen: 50.25 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

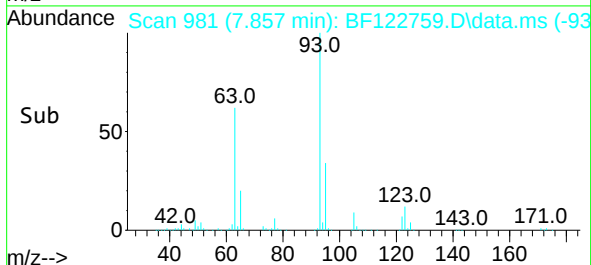
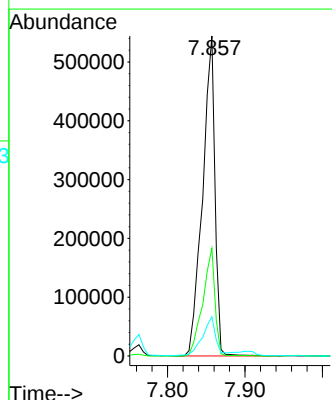
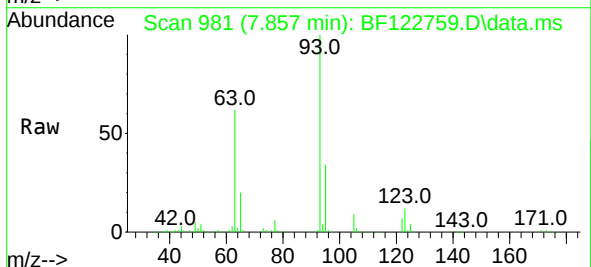
Instrument :
BNA_F
ClientSampleId :
PB133640BS

Tgt Ion:122 Resp: 445369
Ion Ratio Lower Upper
122 100
107 114.1 91.8 137.8
121 60.7 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.28 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion: 93 Resp: 606859
Ion Ratio Lower Upper
93 100
95 33.7 26.2 39.2
123 12.3 9.2 13.8

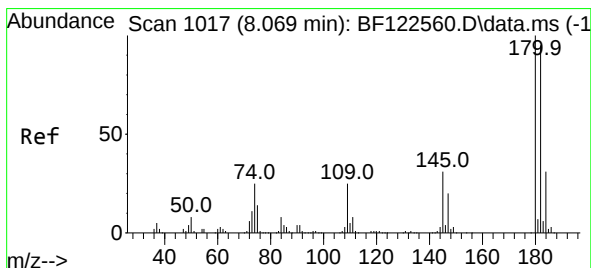
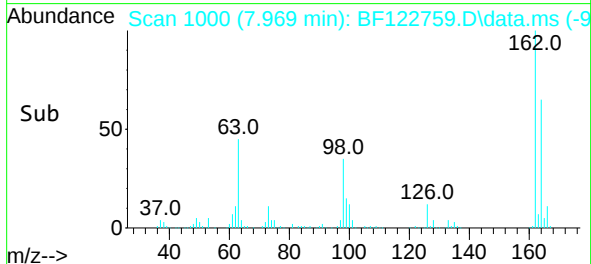
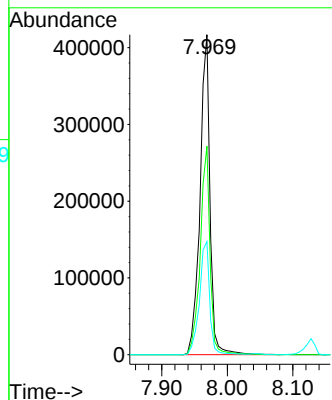
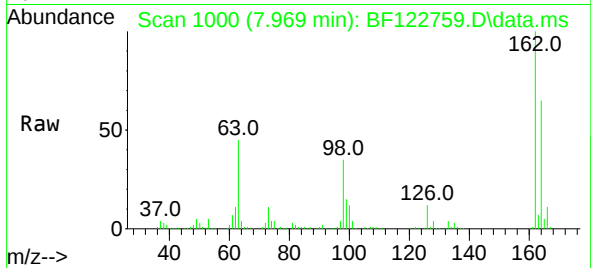




#29
2,4-Dichlorophenol
Concen: 42.81 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

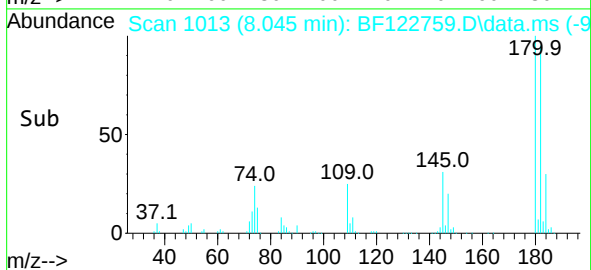
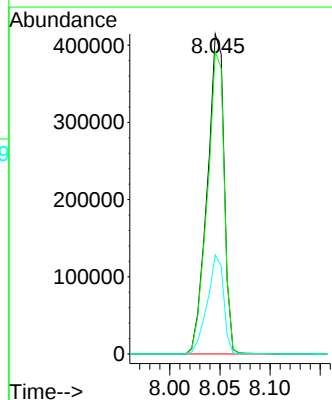
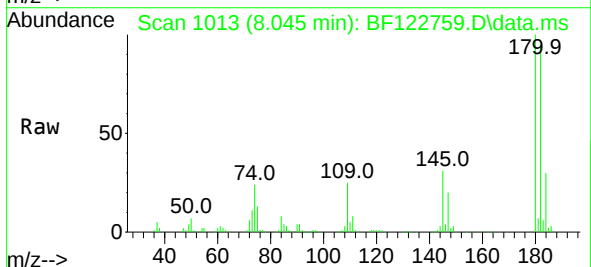
Instrument :
BNA_F
ClientSampleId :
PB133640BS

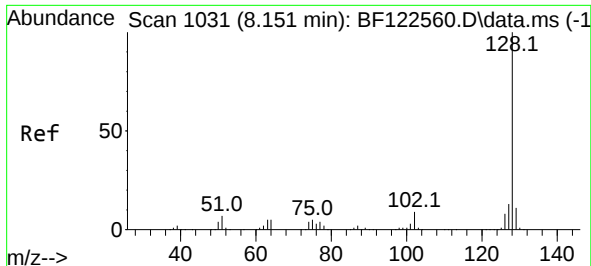
Tgt Ion:162 Resp: 443154
Ion Ratio Lower Upper
162 100
164 65.1 43.2 83.2
98 35.3 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 41.30 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:180 Resp: 484366
Ion Ratio Lower Upper
180 100
182 94.5 75.7 113.5
145 31.0 25.0 37.4

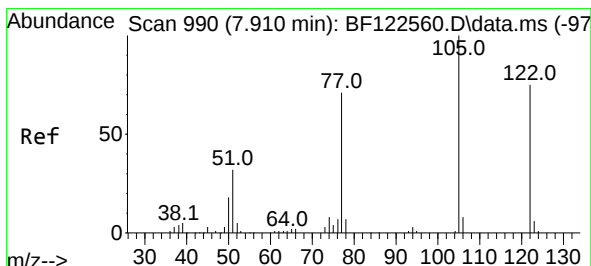
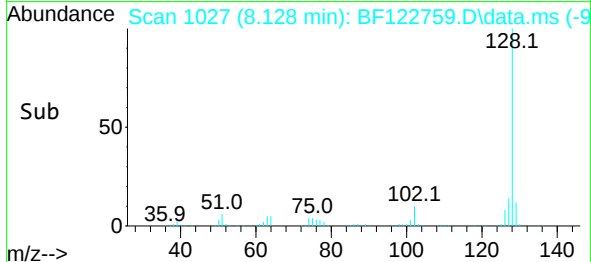
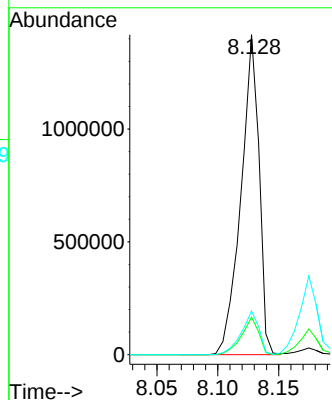
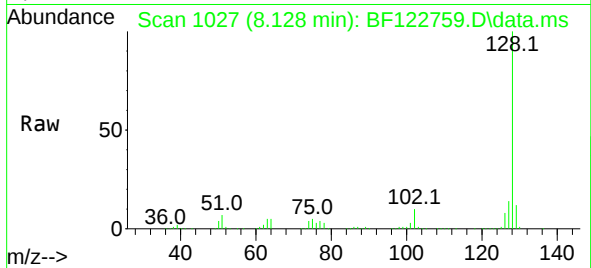




#31
Naphthalene
Concen: 42.66 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

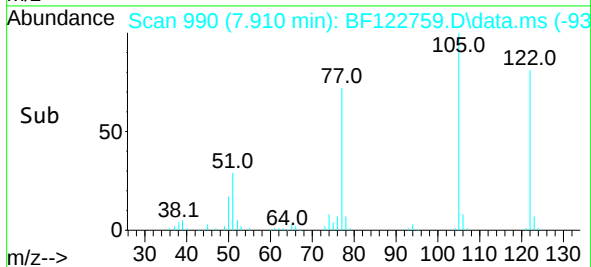
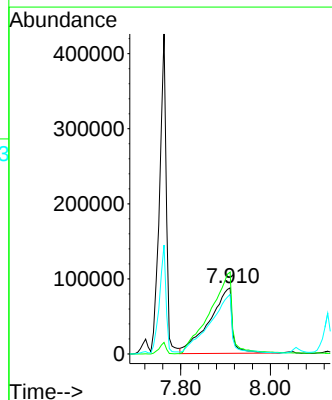
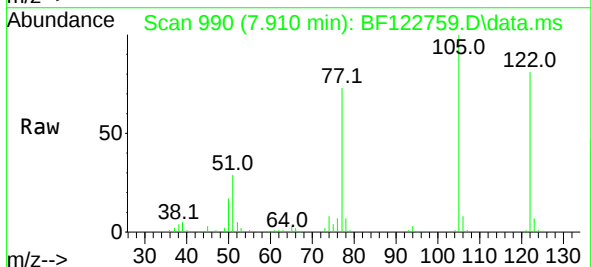
Instrument :
BNA_F
ClientSampleId :
PB133640BS

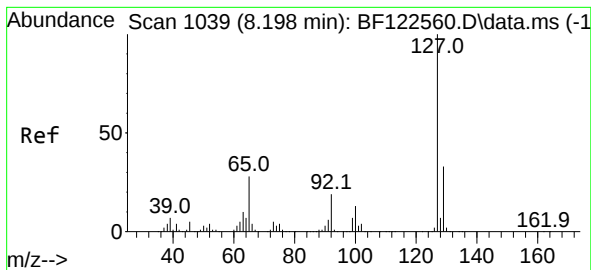
Tgt Ion:128 Resp: 1470102
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 44.21 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.018 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:122 Resp: 312219
Ion Ratio Lower Upper
122 100
105 124.0 104.8 144.8
77 90.1 71.0 111.0

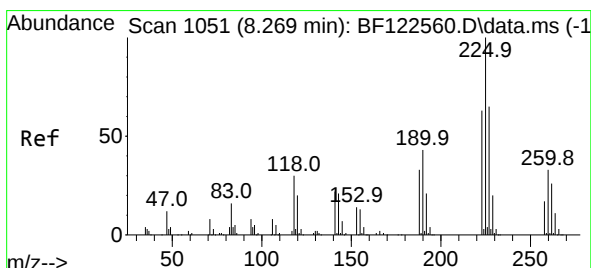
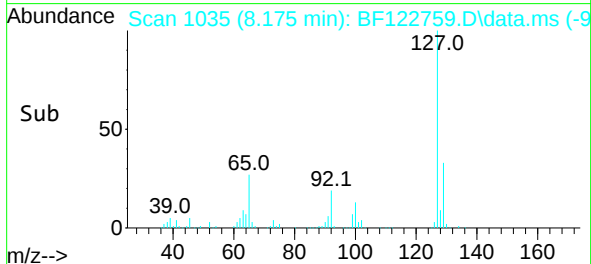
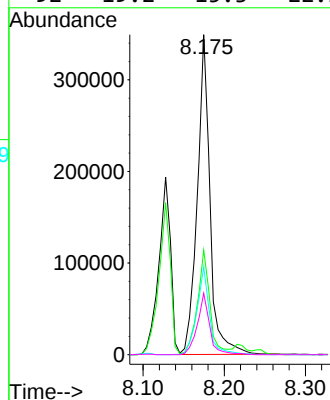
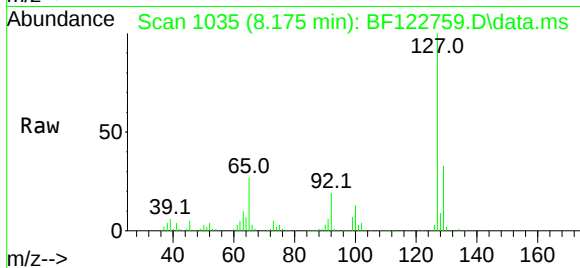




#33
4-Chloroaniline
Concen: 26.51 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

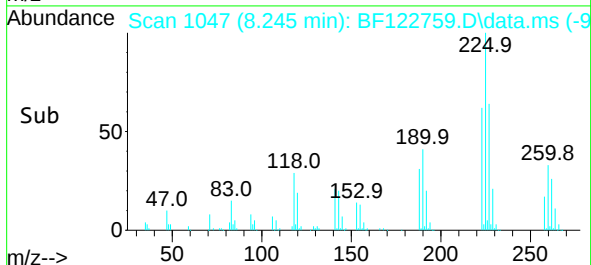
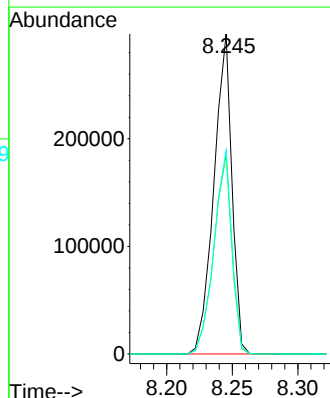
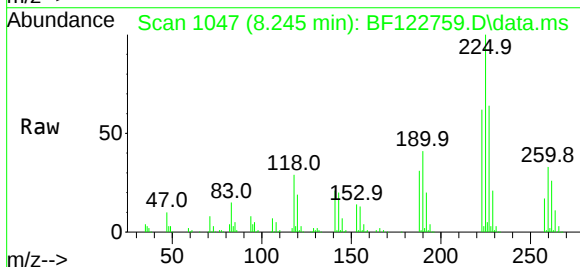
Instrument :
BNA_F
ClientSampleId :
PB133640BS

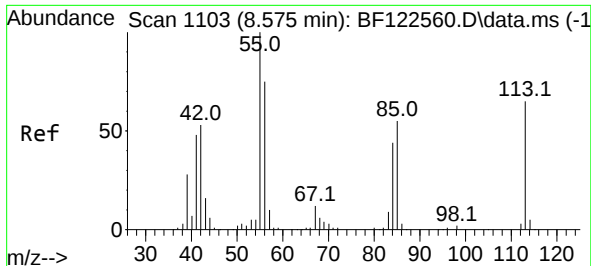
Tgt Ion:	127	Resp:	381830
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	27.4	22.2	33.2
92	19.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 39.35 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:	225	Resp:	284051
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	63.7	51.7	77.5

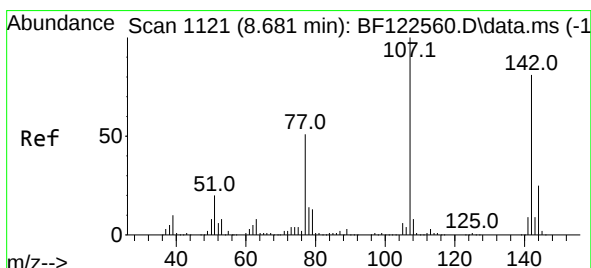
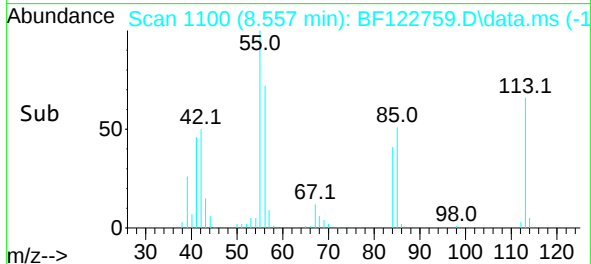
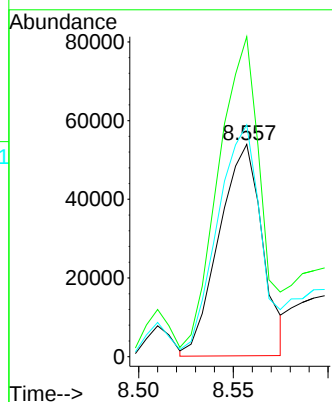
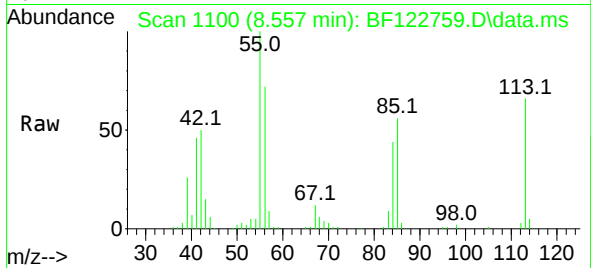




#35
Caprolactam
Concen: 27.42 ng
RT: 8.557 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

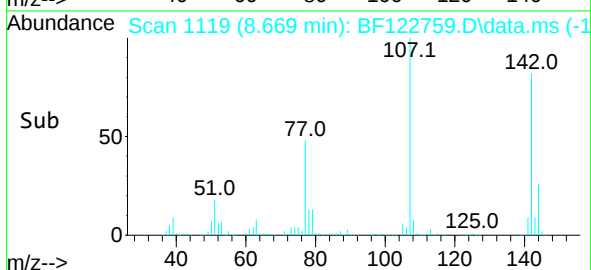
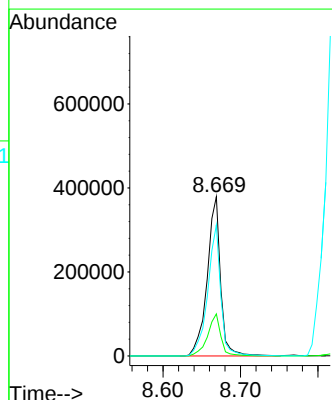
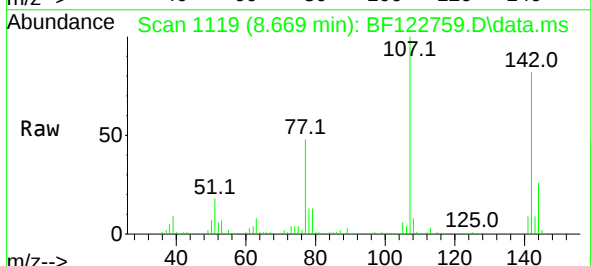
Instrument :
BNA_F
ClientSampleId :
PB133640BS

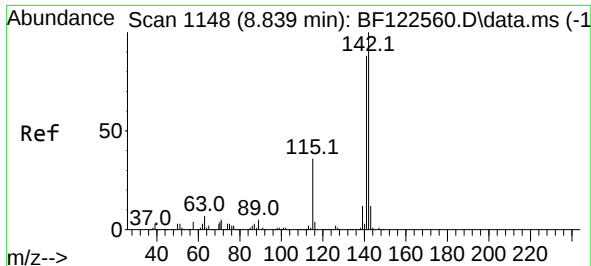
Tgt Ion:113 Resp: 85492
Ion Ratio Lower Upper
113 100
55 150.8 133.7 173.7
56 109.3 95.3 135.3



#36
4-Chloro-3-methylphenol
Concen: 44.68 ng
RT: 8.669 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:107 Resp: 455553
Ion Ratio Lower Upper
107 100
144 26.5 20.2 30.2
142 82.3 64.4 96.6

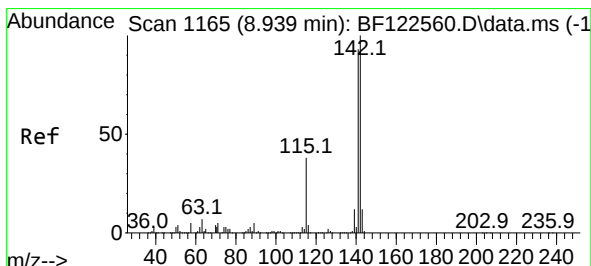
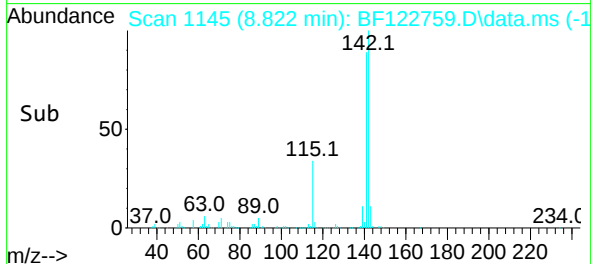
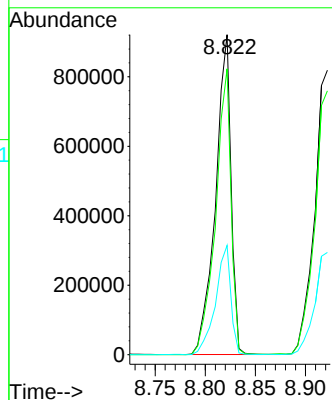
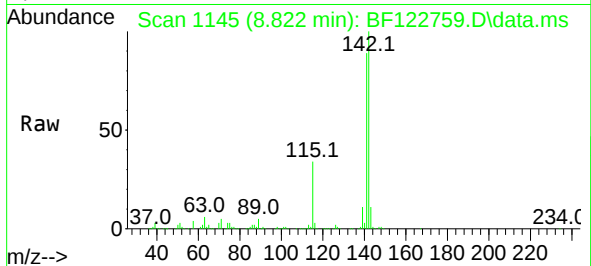




#37
2-Methylnaphthalene
Concen: 43.51 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

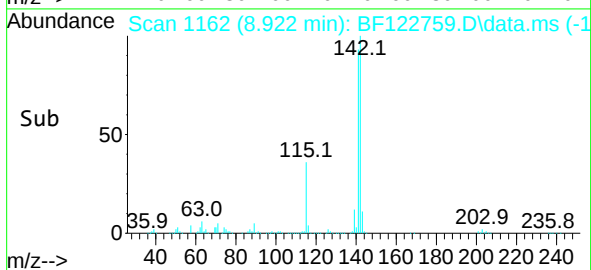
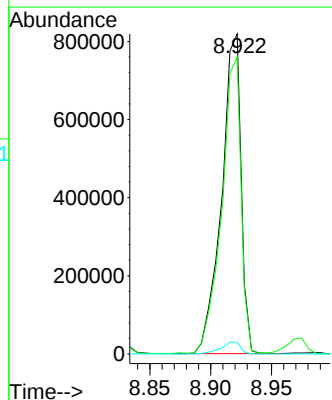
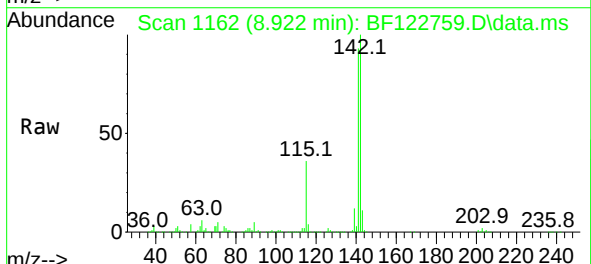
Instrument :
BNA_F
ClientSampleId :
PB133640BS

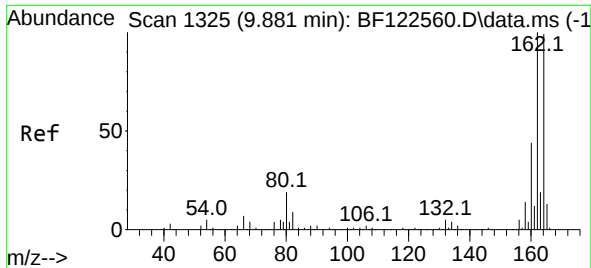
Tgt Ion:142 Resp: 991805
Ion Ratio Lower Upper
142 100
141 89.4 70.6 106.0
115 34.1 28.7 43.1



#38
1-Methylnaphthalene
Concen: 42.29 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:142 Resp: 911840
Ion Ratio Lower Upper
142 100
141 92.7 74.5 111.7
116 3.7 3.2 4.8

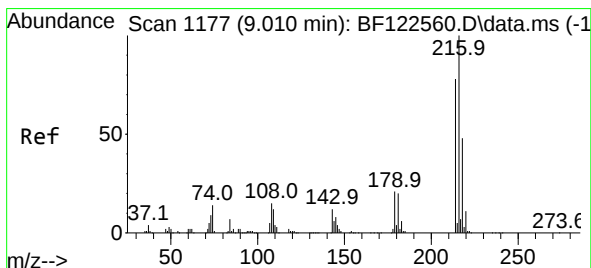
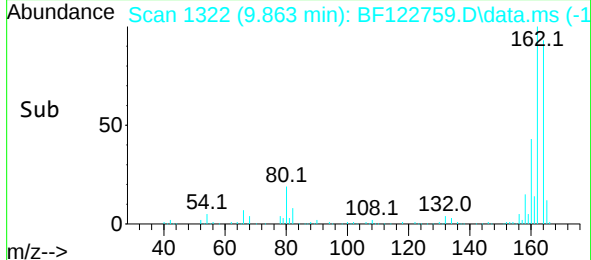
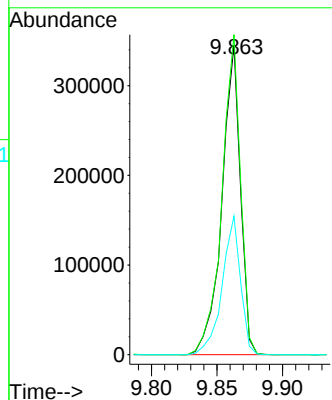
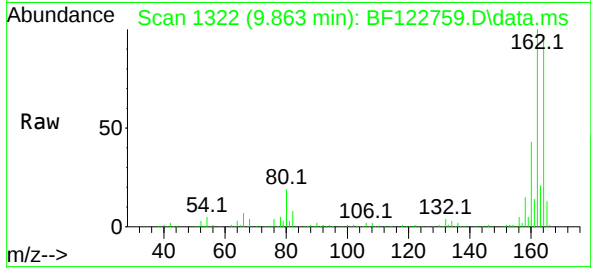




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

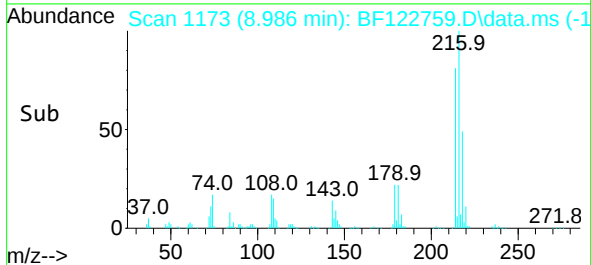
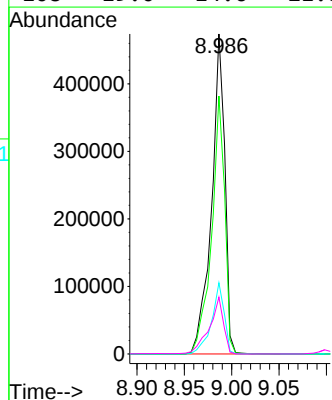
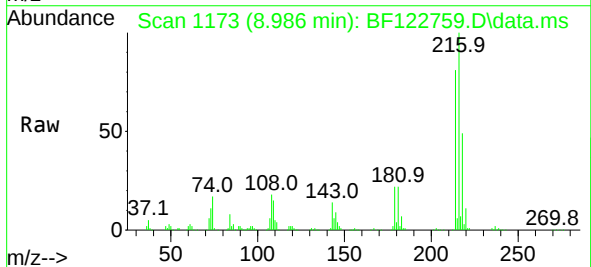
Instrument :
BNA_F
ClientSampleId :
PB133640BS

Tgt Ion:164 Resp: 336840
Ion Ratio Lower Upper
164 100
162 103.5 80.8 121.2
160 44.8 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.34 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:216 Resp: 461200
Ion Ratio Lower Upper
216 100
214 79.7 63.1 94.7
179 21.2 17.1 25.7
108 19.0 14.6 21.8

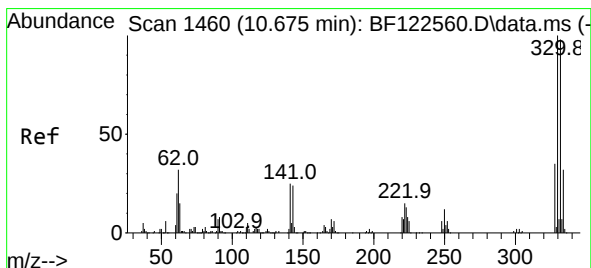
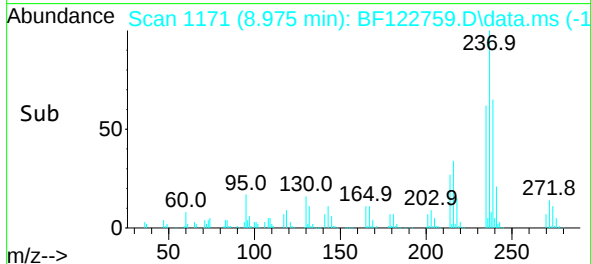
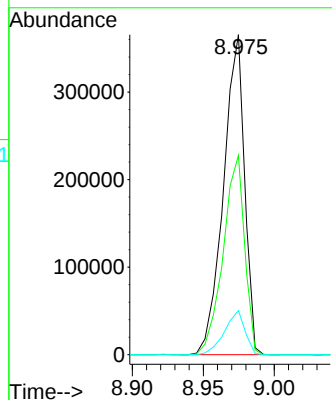
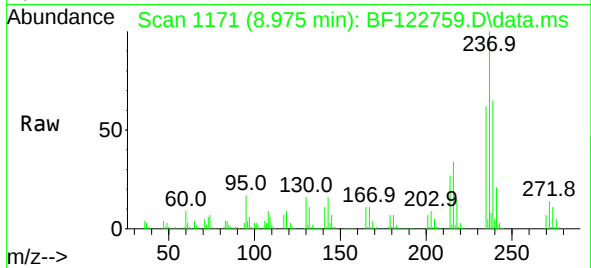




#41
Hexachlorocyclopentadiene
Concen: 76.66 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

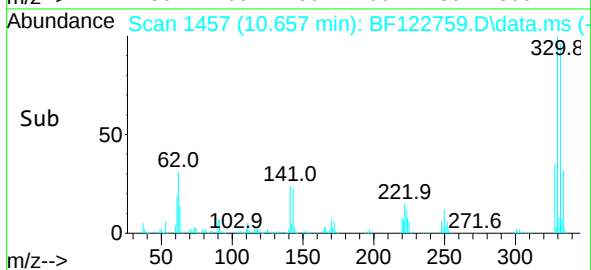
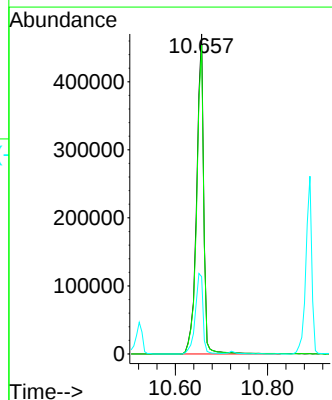
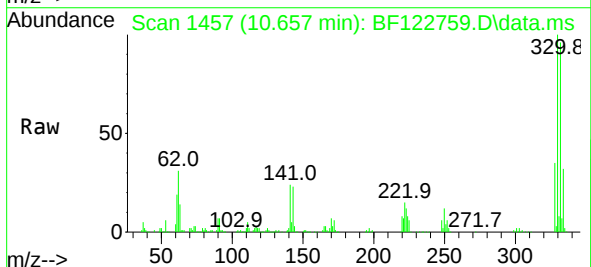
Instrument :
BNA_F
ClientSampleId :
PB133640BS

Tgt Ion:237 Resp: 378143
Ion Ratio Lower Upper
237 100
235 62.3 40.9 80.9
272 13.8 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 113.03 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:330 Resp: 498359
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 27.4 23.8 35.8

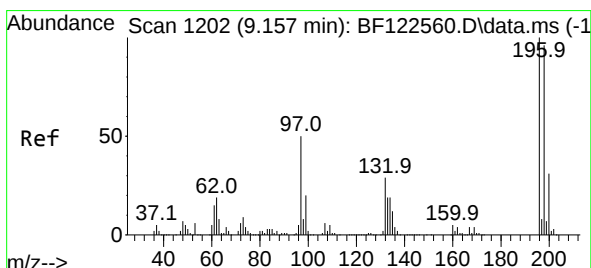
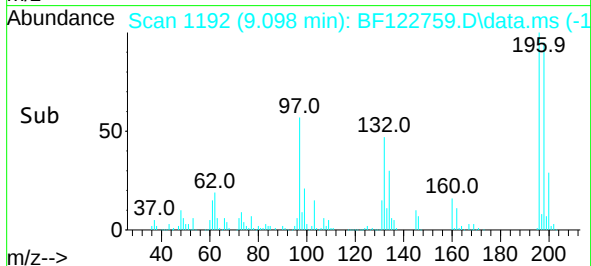
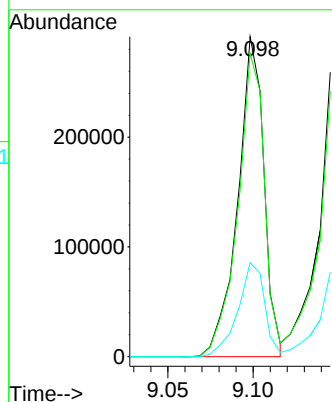
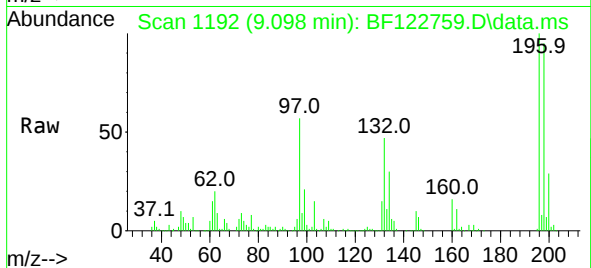




#43
2,4,6-Trichlorophenol
Concen: 40.38 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

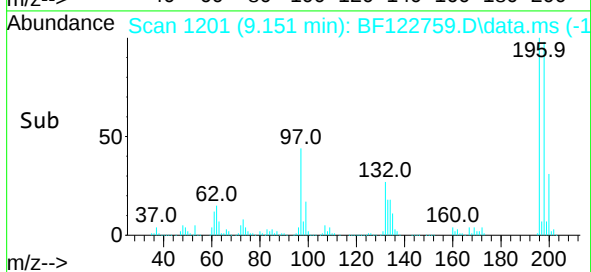
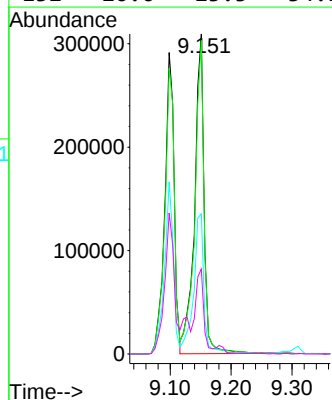
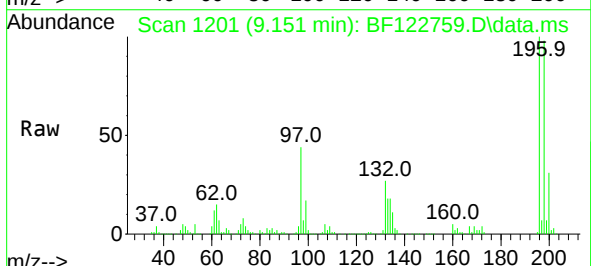
Instrument :
BNA_F
ClientSampleId :
PB133640BS

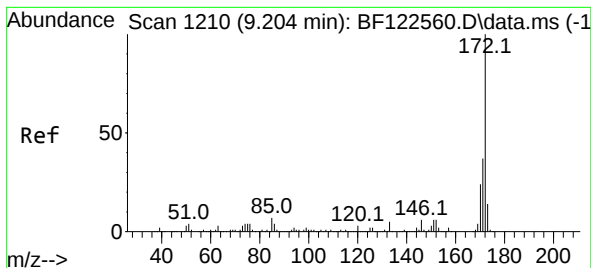
Tgt Ion:196 Resp: 311121
Ion Ratio Lower Upper
196 100
198 94.8 75.1 112.7
200 29.4 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 42.57 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.012 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:196 Resp: 339035
Ion Ratio Lower Upper
196 100
198 97.9 76.5 114.7
97 43.8 40.1 60.1
132 26.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 66.29 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

Instrument :

BNA_F

ClientSampleId :

PB133640BS

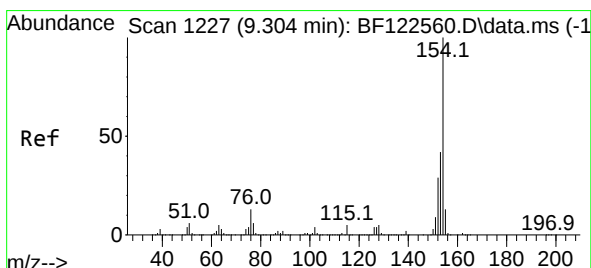
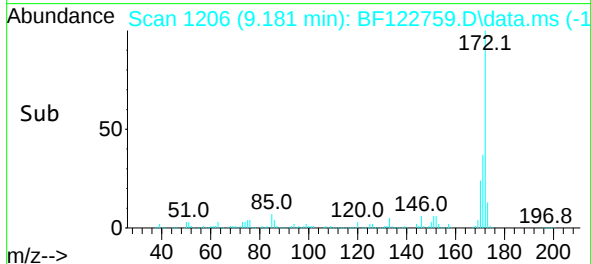
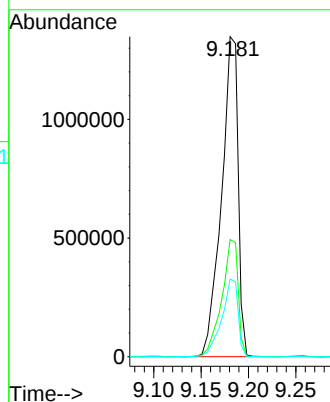
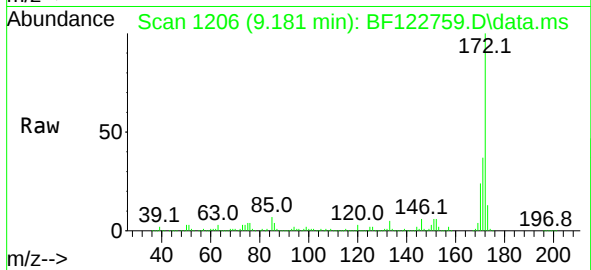
Tgt Ion:172 Resp: 1650758

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 24.3 19.5 29.3



#46

1,1'-Biphenyl

Concen: 42.22 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.000 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

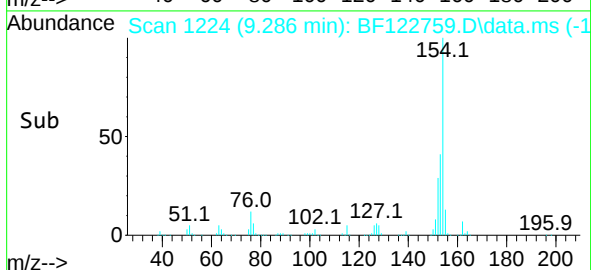
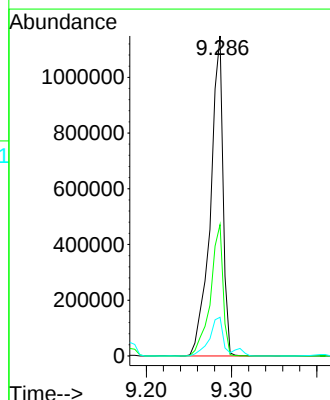
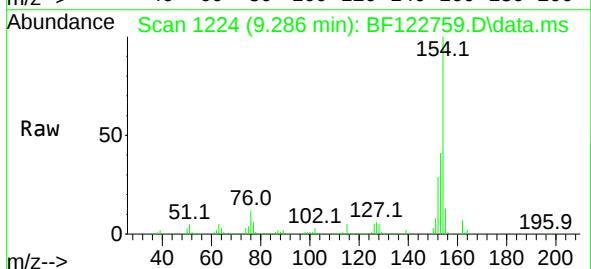
Tgt Ion:154 Resp: 1180354

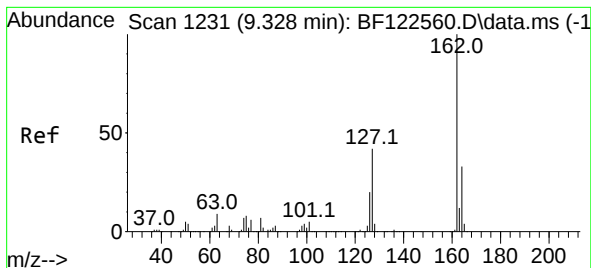
Ion Ratio Lower Upper

154 100

153 41.0 21.8 61.8

76 12.1 0.0 33.4





#47

2-Chloronaphthalene

Concen: 40.48 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

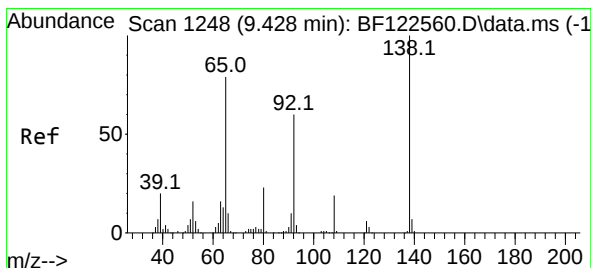
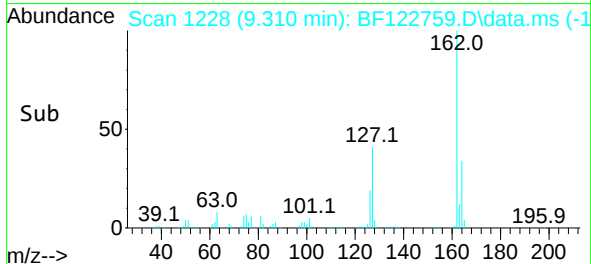
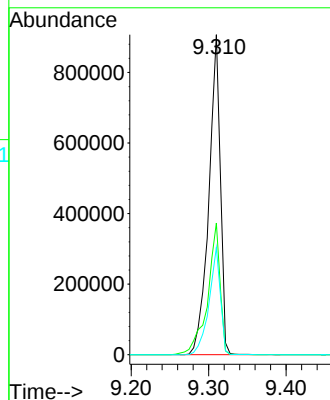
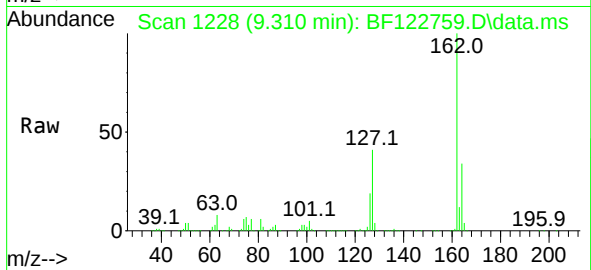
Tgt Ion:162 Resp: 937518

Ion Ratio Lower Upper

162 100

127 41.2 33.8 50.8

164 33.5 26.5 39.7



#48

2-Nitroaniline

Concen: 39.87 ng

RT: 9.404 min Scan# 1244

Delta R.T. -0.000 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

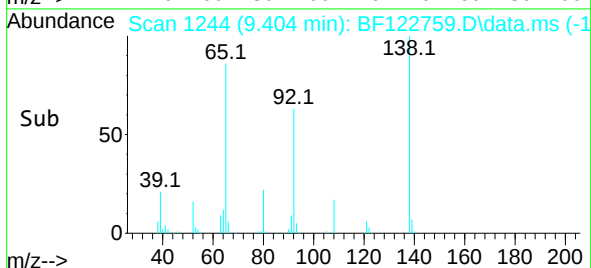
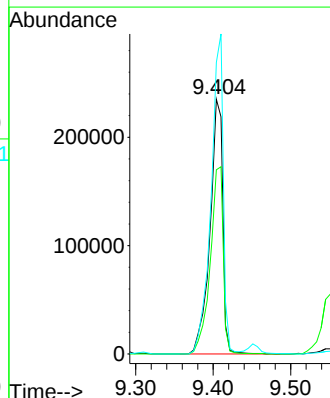
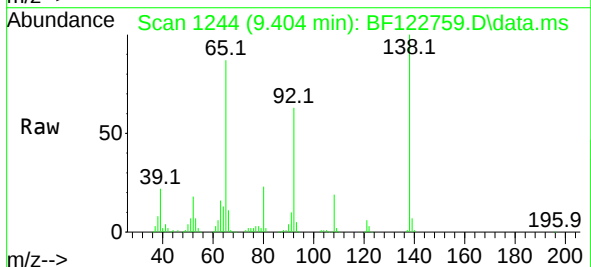
Tgt Ion: 65 Resp: 269221

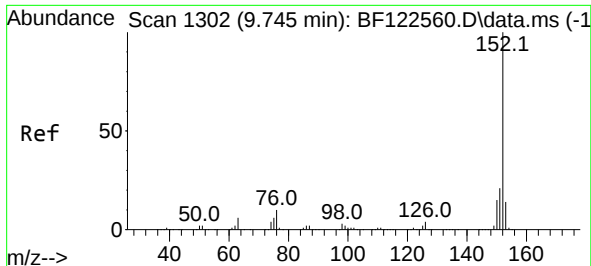
Ion Ratio Lower Upper

65 100

92 72.3 60.0 90.0

138 114.5 100.6 151.0





#49

Acenaphthylene

Concen: 42.02 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.006 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

Instrument :

BNA_F

ClientSampleId :

PB133640BS

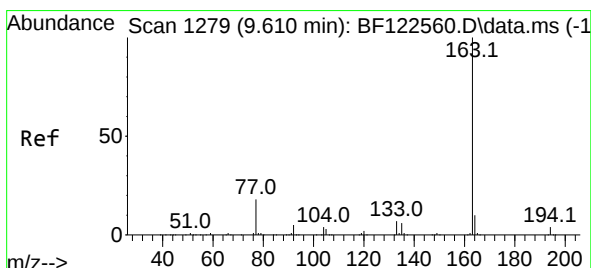
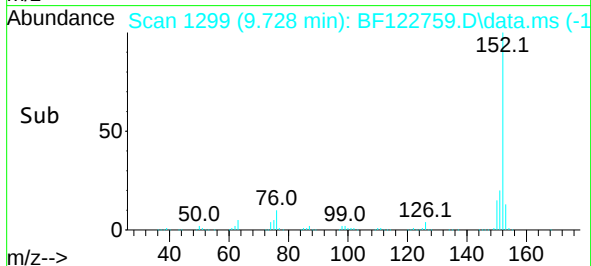
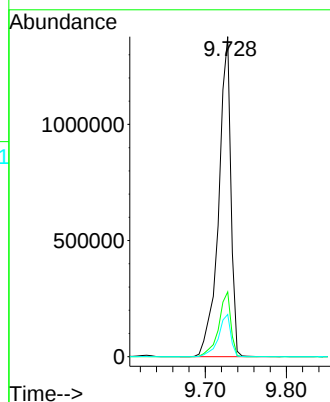
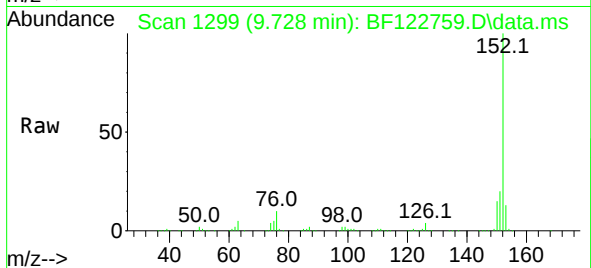
Tgt Ion:152 Resp: 1437543

Ion Ratio Lower Upper

152 100

151 20.3 16.6 25.0

153 13.2 10.9 16.3



#50

Dimethylphthalate

Concen: 41.27 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

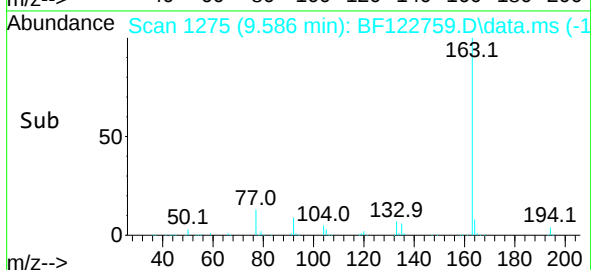
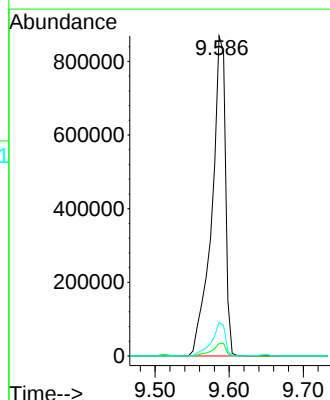
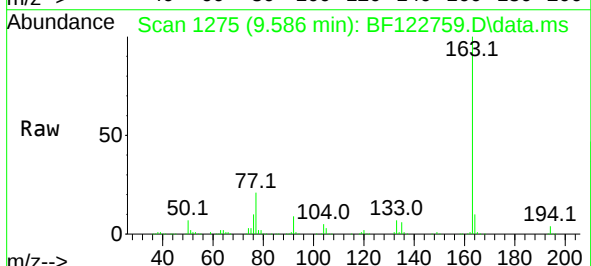
Tgt Ion:163 Resp: 1110086

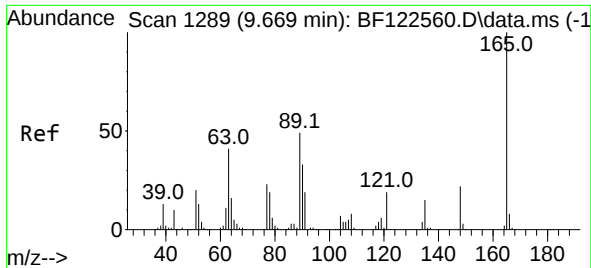
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.5 8.1 12.1

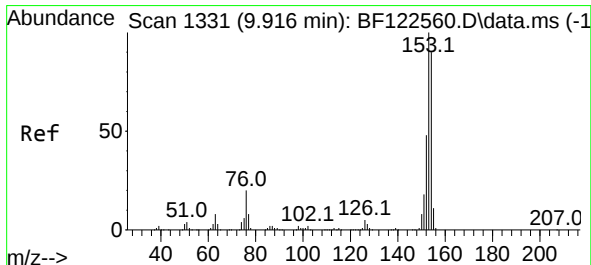
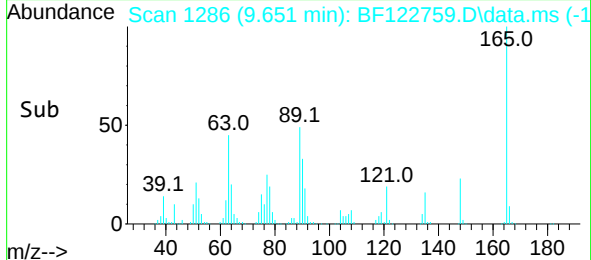
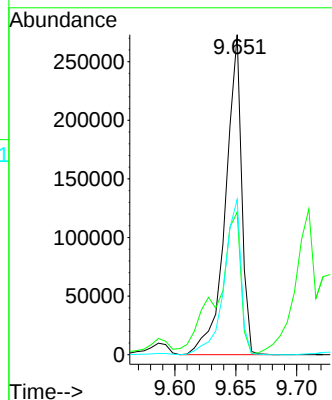
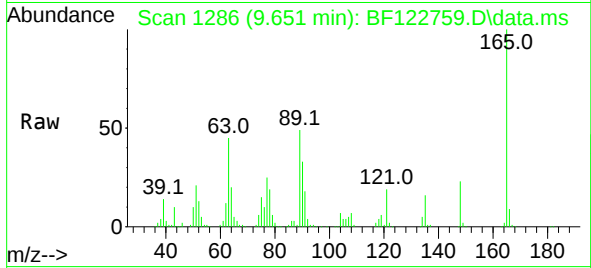




#51
2,6-Dinitrotoluene
Concen: 44.28 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

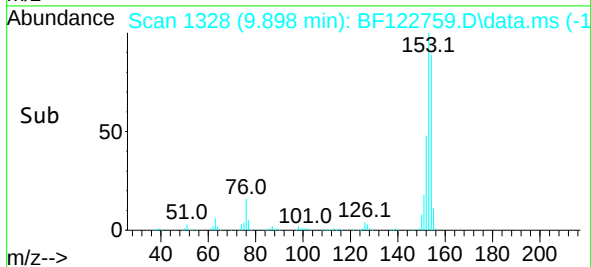
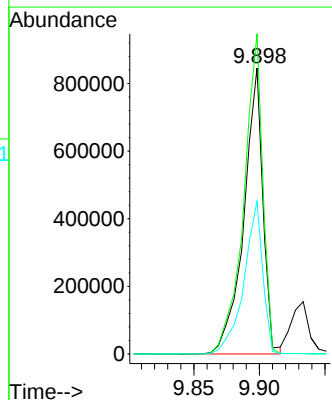
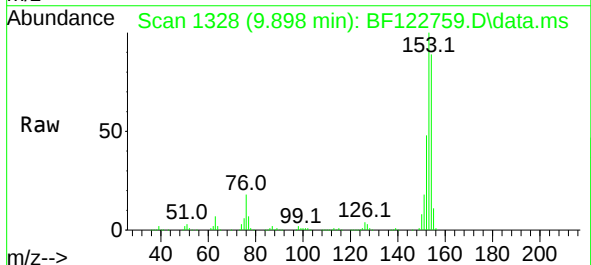
Instrument :
BNA_F
ClientSampleId :
PB133640BS

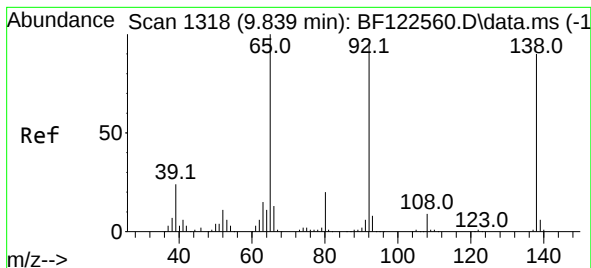
Tgt Ion:165 Resp: 251584
Ion Ratio Lower Upper
165 100
63 44.5 36.6 55.0
89 48.5 39.4 59.0



#52
Acenaphthene
Concen: 38.73 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:154 Resp: 857191
Ion Ratio Lower Upper
154 100
153 111.9 89.0 133.6
152 53.4 42.7 64.1

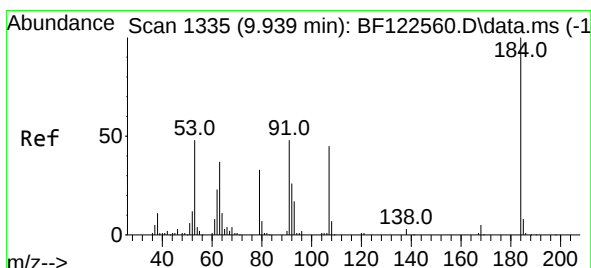
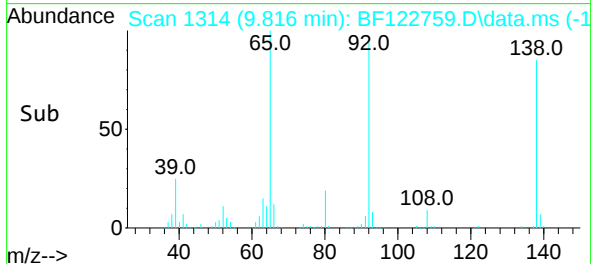
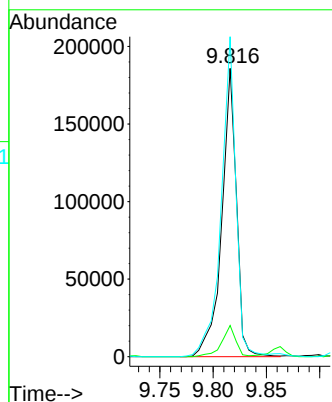
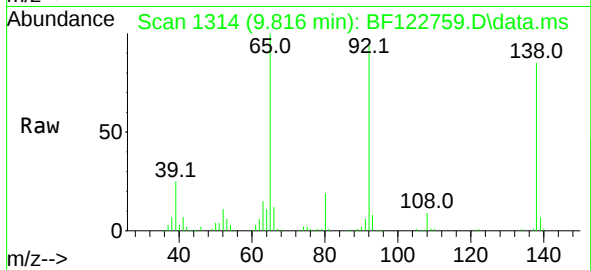




#53
3-Nitroaniline
Concen: 27.07 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

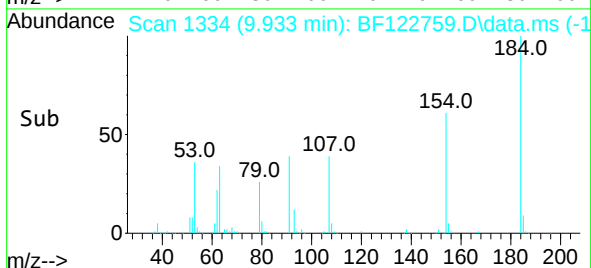
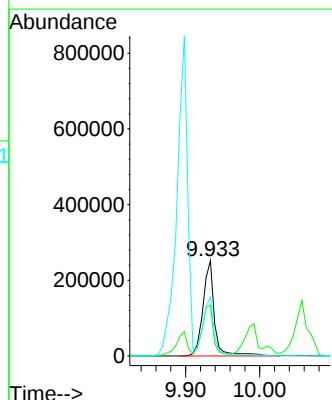
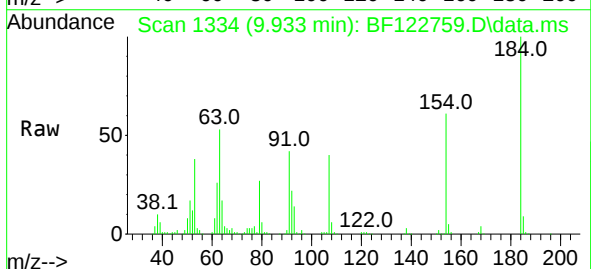
Instrument :
BNA_F
ClientSampleId :
PB133640BS

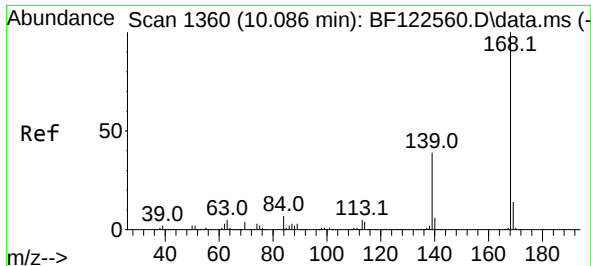
Tgt Ion:138 Resp: 177703
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.2
92 111.0 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 98.05 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:184 Resp: 272375
Ion Ratio Lower Upper
184 100
63 53.0 51.4 77.2
154 61.4 49.7 74.5

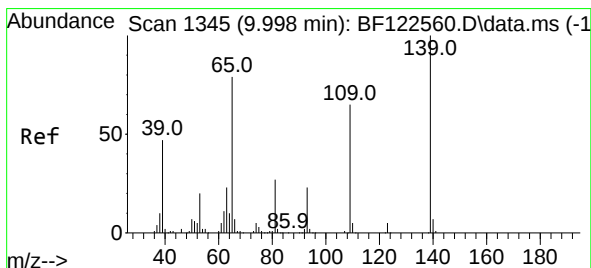
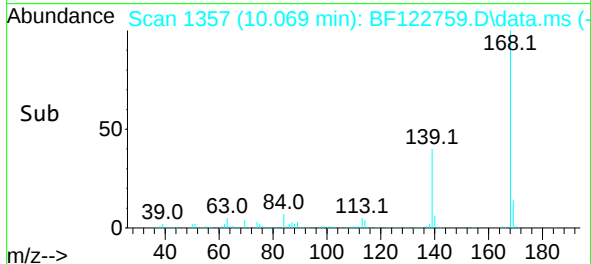
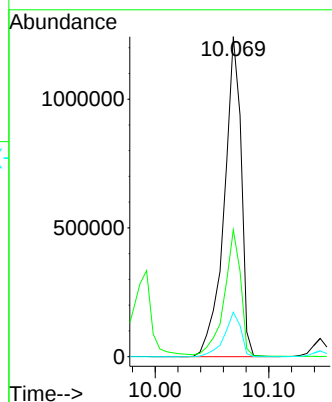
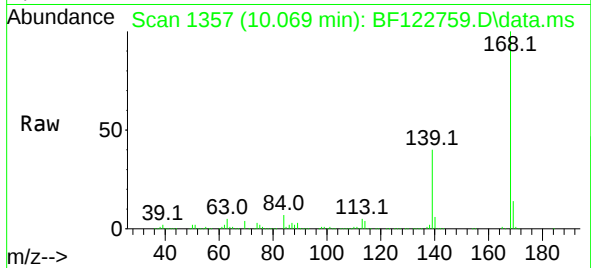




#55
Dibenzenofuran
Concen: 41.47 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

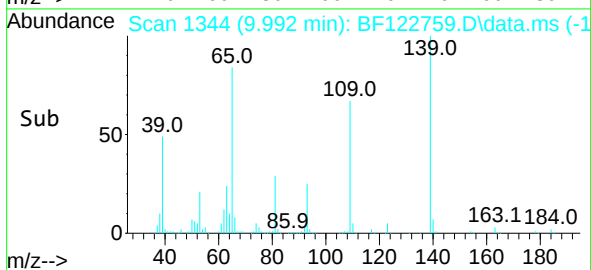
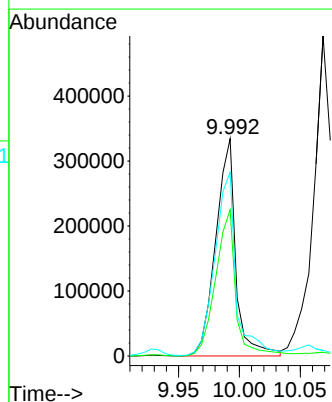
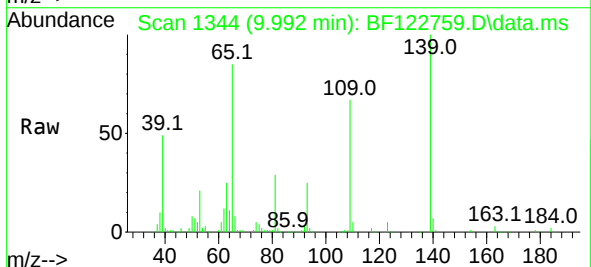
Instrument :
BNA_F
ClientSampleId :
PB133640BS

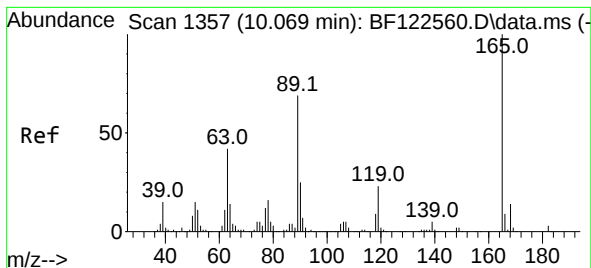
Tgt Ion:168 Resp: 1291287
Ion Ratio Lower Upper
168 100
139 39.6 31.3 46.9
169 13.9 11.2 16.8



#56
4-Nitrophenol
Concen: 81.93 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.018 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:139 Resp: 383515
Ion Ratio Lower Upper
139 100
109 67.3 45.1 85.1
65 84.5 59.2 99.2



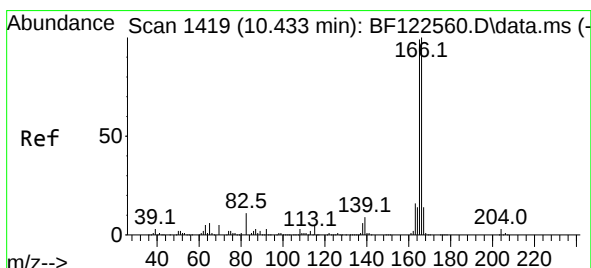
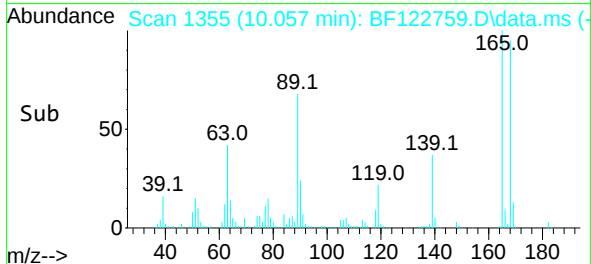
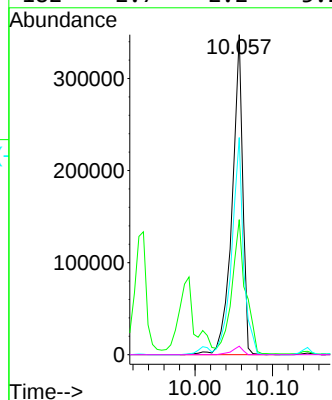
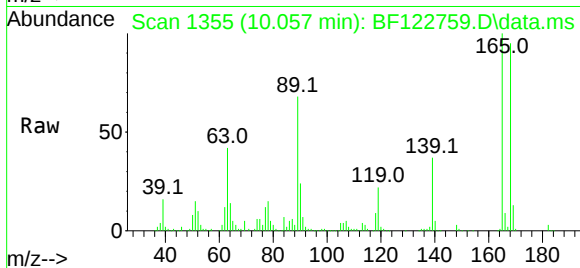


#57
2,4-Dinitrotoluene
Concen: 43.90 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Instrument :
BNA_F
ClientSampleId :
PB133640BS

Tgt Ion:165 Resp: 332214

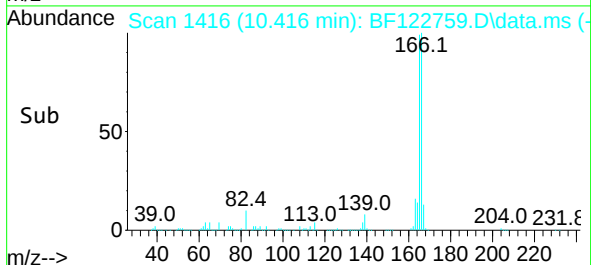
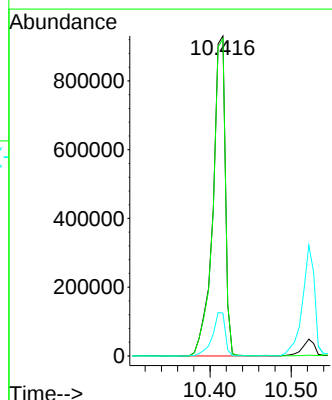
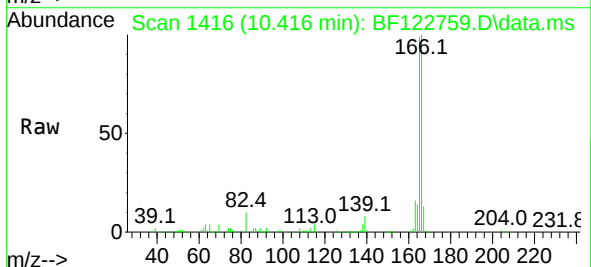
Ion	Ratio	Lower	Upper
165	100		
63	42.2	34.3	51.5
89	67.9	55.2	82.8
182	2.7	2.2	3.2



#58
Fluorene
Concen: 39.99 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:166 Resp: 990262

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.4	119.0
167	13.4	10.9	16.3

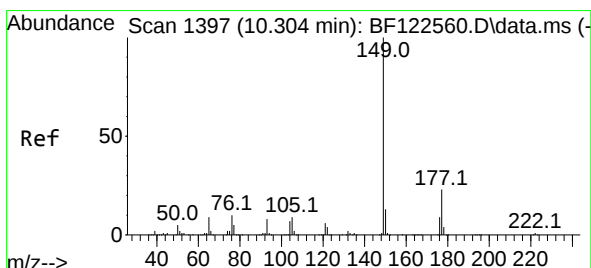
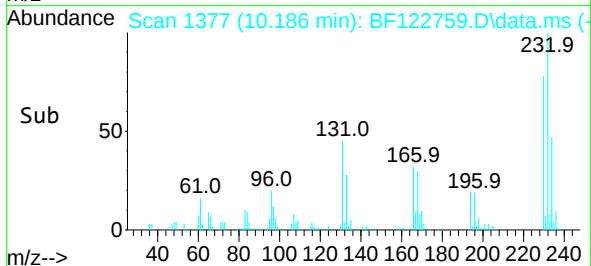
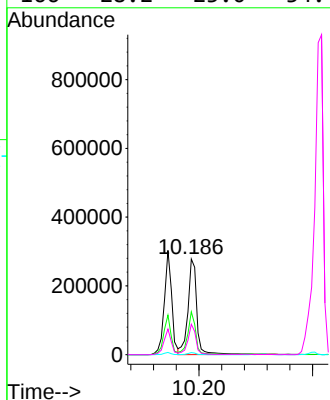
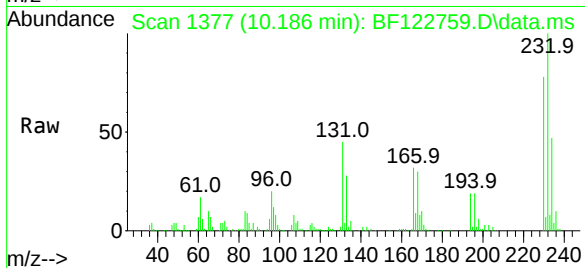




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.73 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

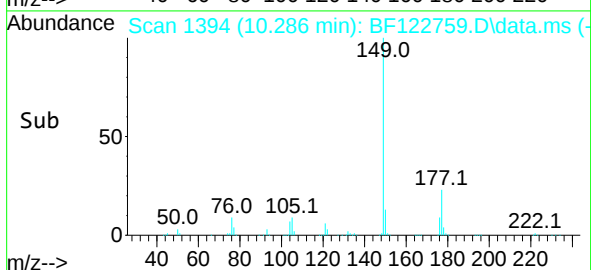
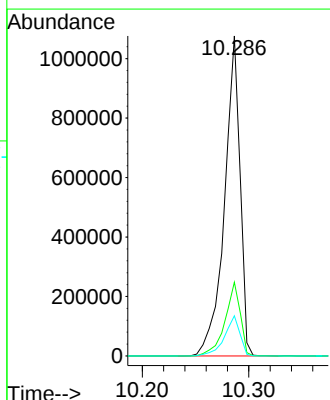
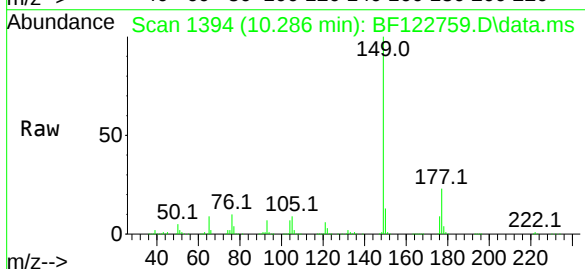
Instrument :
BNA_F
ClientSampleId :
PB133640BS

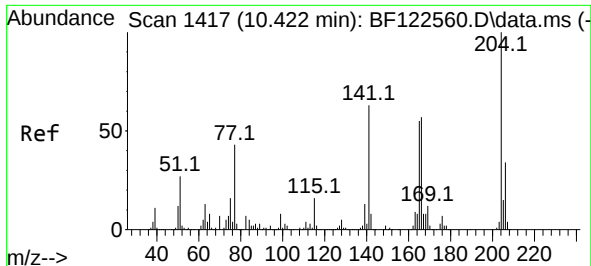
Tgt Ion:232 Resp: 299009
Ion Ratio Lower Upper
232 100
131 39.6 33.0 49.4
130 2.0 1.7 2.5
166 28.2 23.0 34.4



#60
Diethylphthalate
Concen: 41.66 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:149 Resp: 1090007
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.6 10.1 15.1

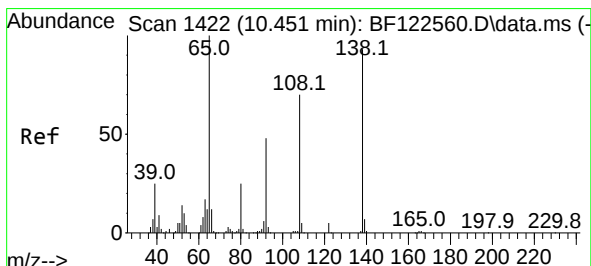
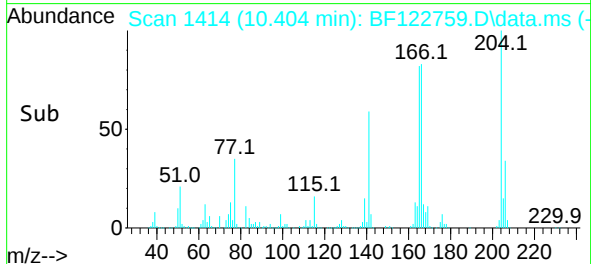
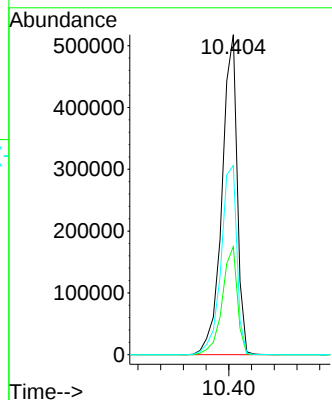
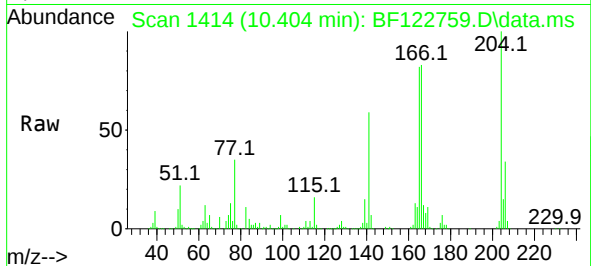




#61
4-Chlorophenyl-phenylether
Concen: 39.55 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

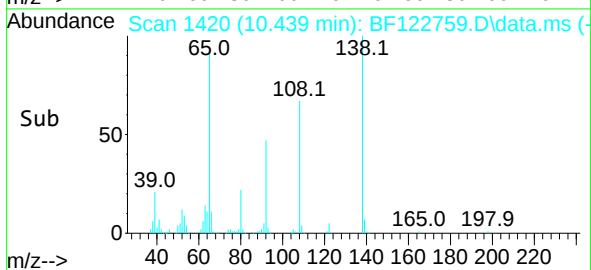
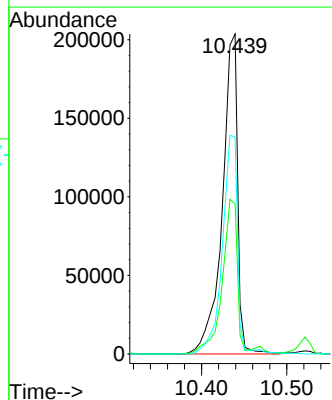
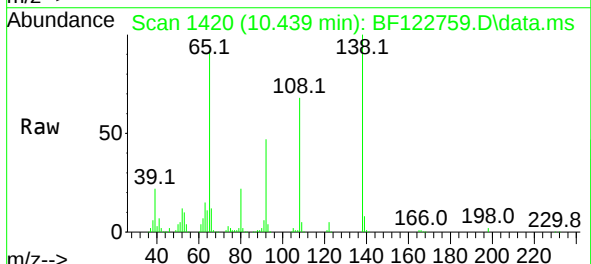
Instrument :
BNA_F
ClientSampleId :
PB133640BS

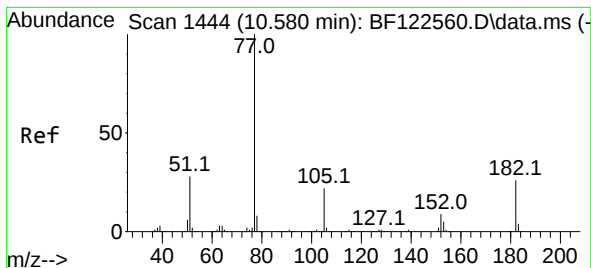
Tgt Ion:204 Resp: 482195
Ion Ratio Lower Upper
204 100
206 33.8 27.0 40.4
141 59.1 50.4 75.6



#62
4-Nitroaniline
Concen: 38.37 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.012 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:138 Resp: 255715
Ion Ratio Lower Upper
138 100
92 46.9 31.0 71.0
108 67.7 54.8 94.8



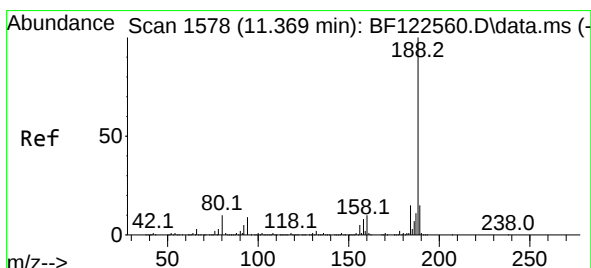
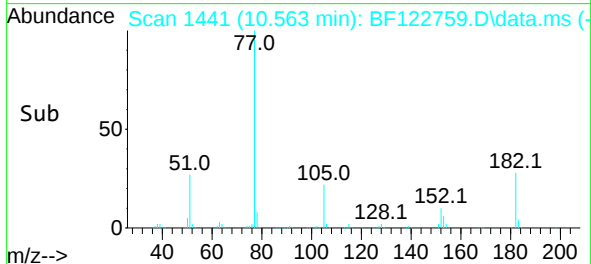
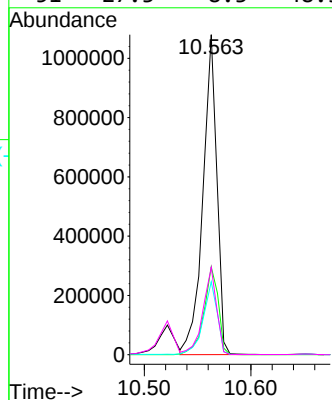
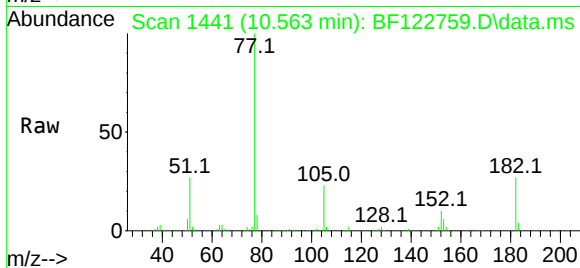


#63
Azobenzene
Concen: 41.01 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Instrument :
BNA_F
ClientSampleId :
PB133640BS

Tgt Ion: 77 Resp: 986424

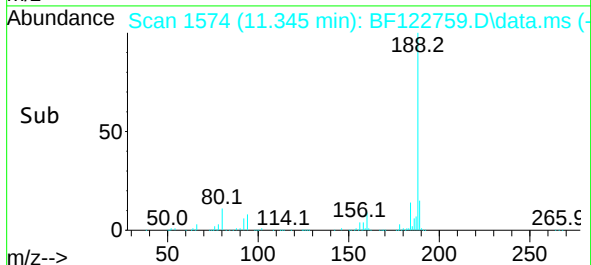
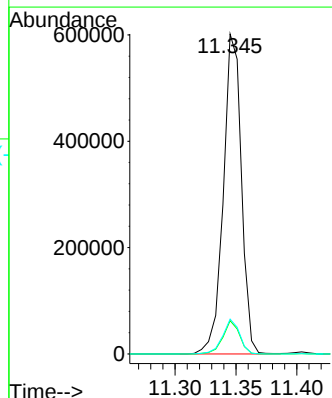
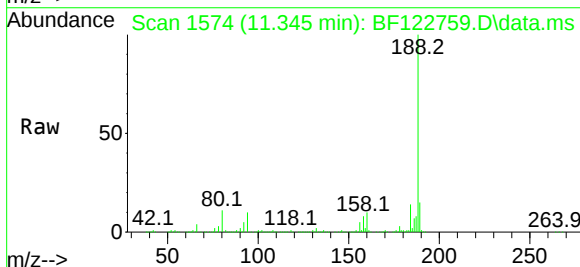
Ion	Ratio	Lower	Upper
77	100		
182	27.5	5.6	45.6
105	22.8	1.8	41.8
51	27.3	8.3	48.3

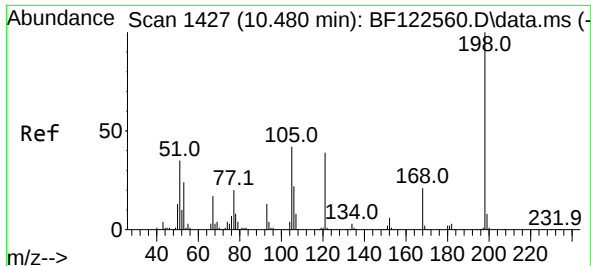


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion: 188 Resp: 622208

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.4	11.2
80	10.9	8.2	12.4

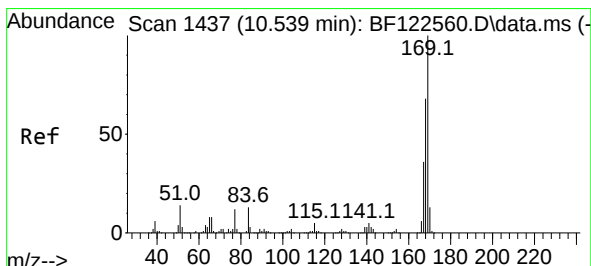
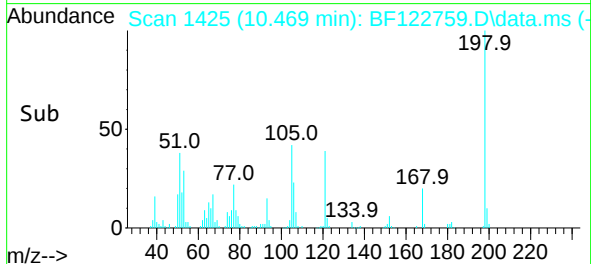
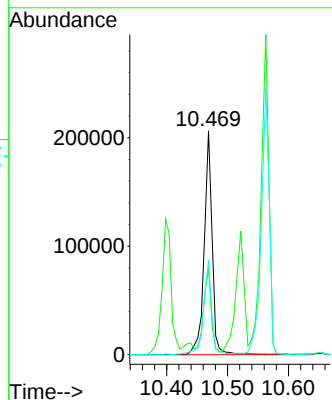
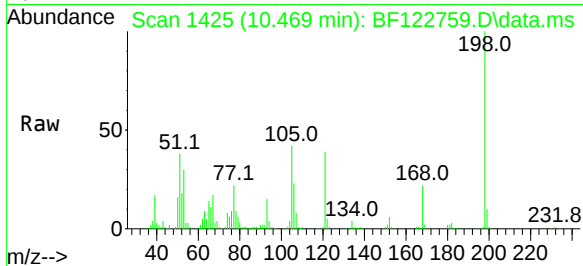




#65
4,6-Dinitro-2-methylphenol
Concen: 49.65 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

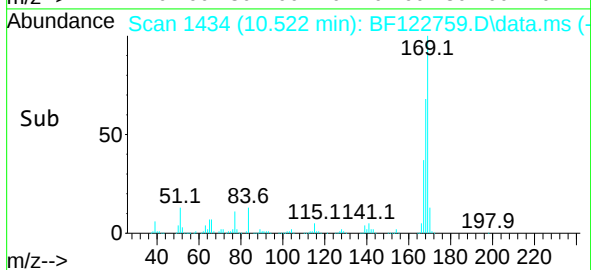
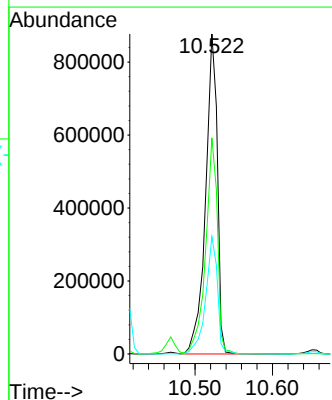
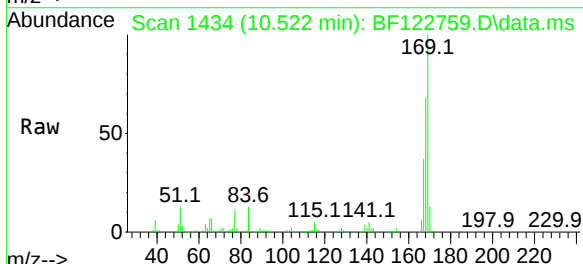
Instrument :
BNA_F
ClientSampleId :
PB133640BS

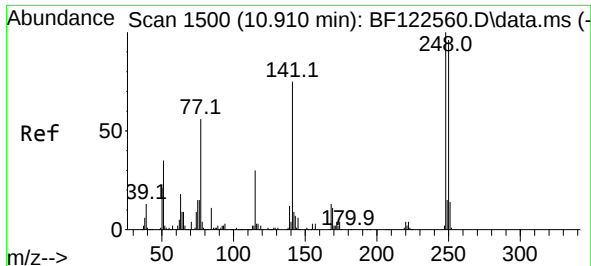
Tgt Ion:198 Resp: 188374
Ion Ratio Lower Upper
198 100
51 38.4 20.3 60.3
105 42.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 42.09 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:169 Resp: 925265
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.2
167 36.7 29.2 43.8

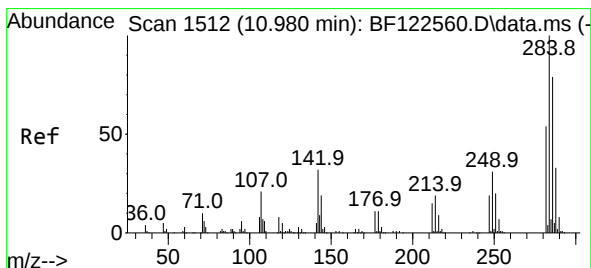
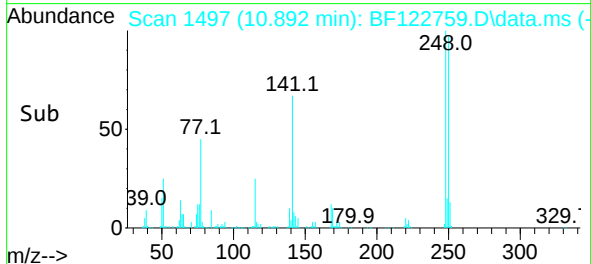
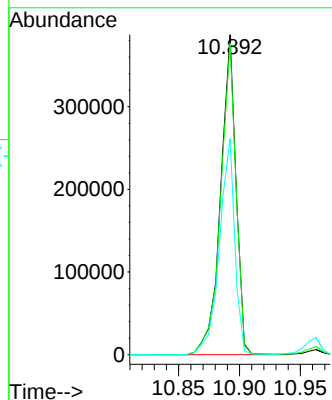
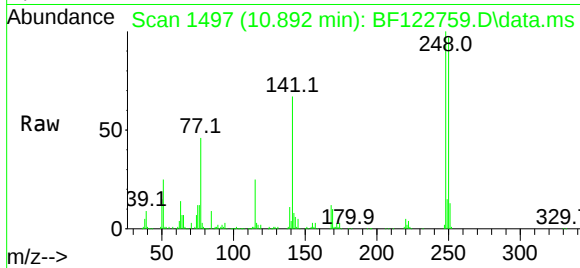




#67
4-Bromophenyl-phenylether
Concen: 40.38 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

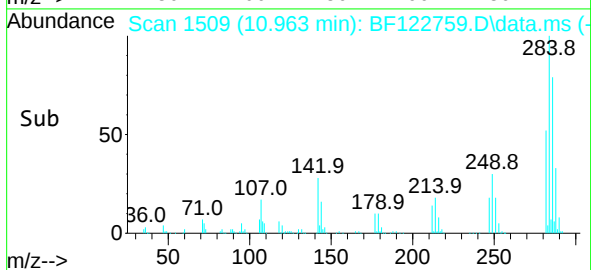
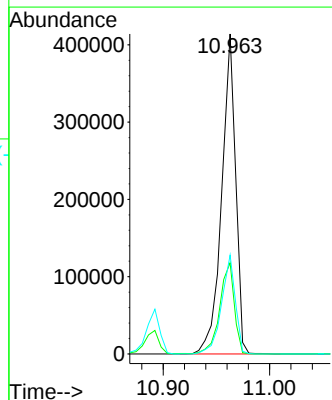
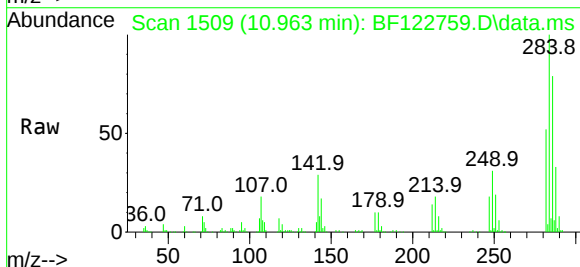
Instrument :
BNA_F
ClientSampleId :
PB133640BS

Tgt Ion:248 Resp: 340451
Ion Ratio Lower Upper
248 100
250 97.4 76.8 115.2
141 67.5 59.8 89.8



#68
Hexachlorobenzene
Concen: 40.31 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:284 Resp: 375717
Ion Ratio Lower Upper
284 100
142 28.5 25.6 38.4
249 30.9 25.1 37.7





#69

Atrazine

Concen: 35.62 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

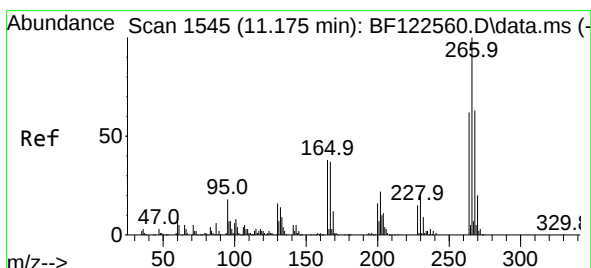
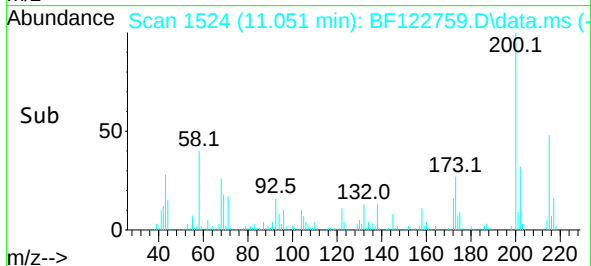
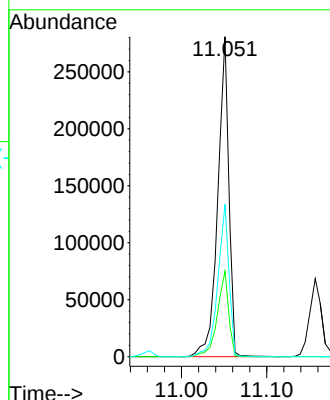
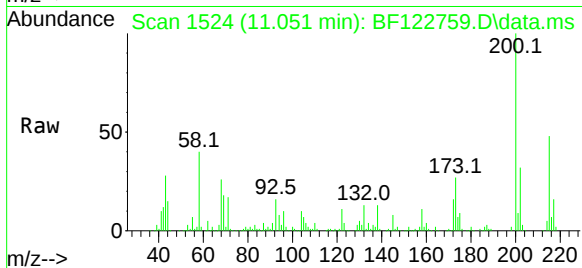
Tgt Ion:200 Resp: 254351

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 47.6 28.1 68.1



#70

Pentachlorophenol

Concen: 81.99 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

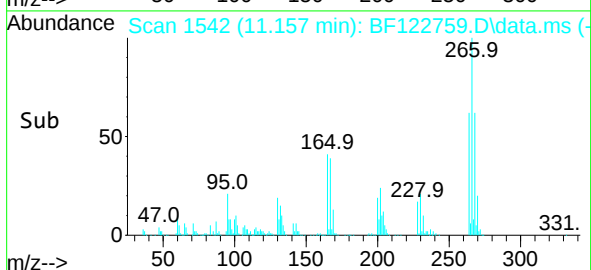
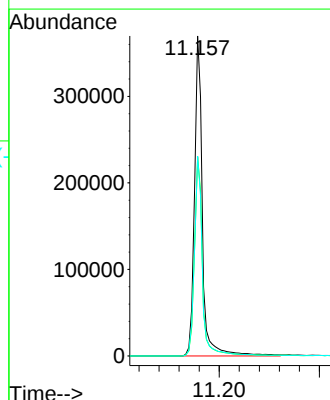
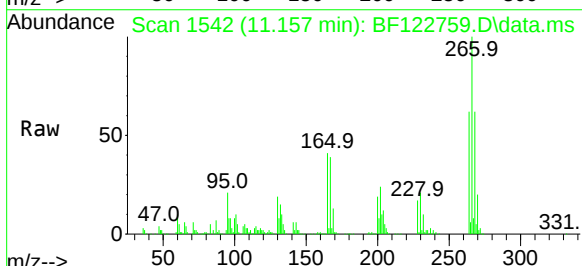
Tgt Ion:266 Resp: 404886

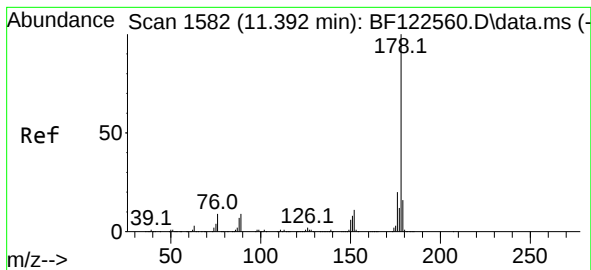
Ion Ratio Lower Upper

266 100

268 62.3 50.5 75.7

264 62.4 49.8 74.8

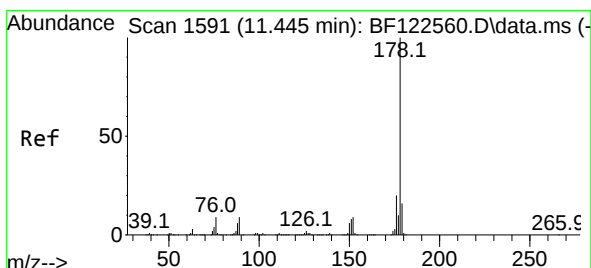
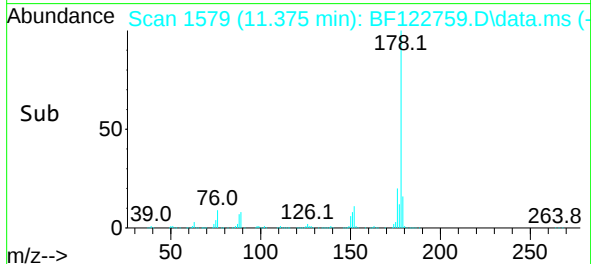
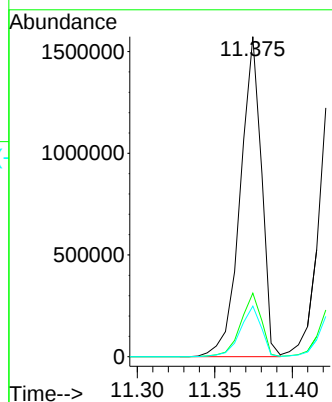
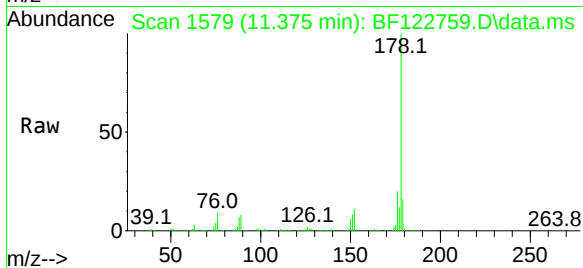




#71
Phenanthrene
Concen: 40.41 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

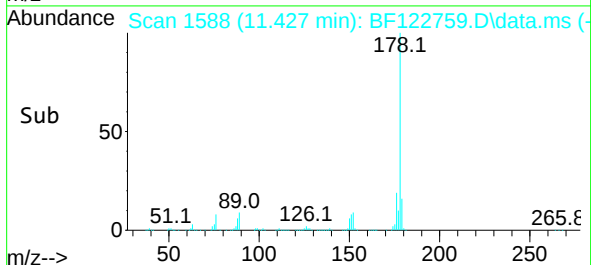
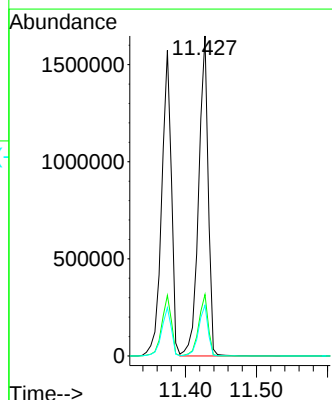
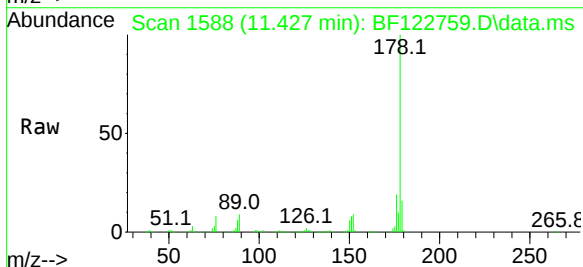
Instrument :
BNA_F
ClientSampleId :
PB133640BS

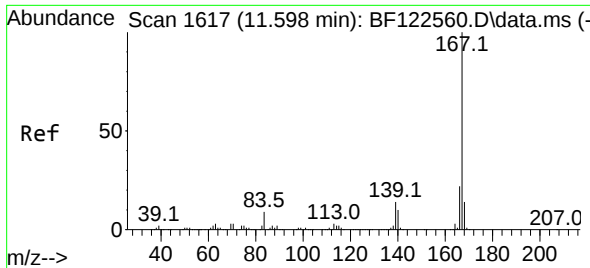
Tgt Ion:178 Resp: 1494392
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 15.8 12.7 19.1



#72
Anthracene
Concen: 41.88 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:178 Resp: 1535797
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.8 12.8 19.2

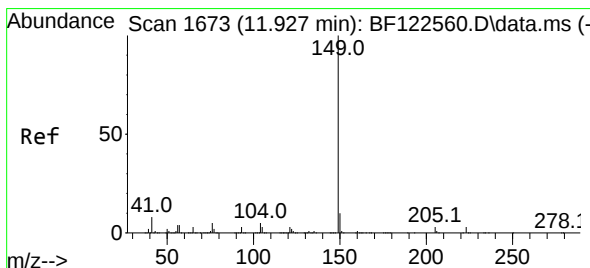
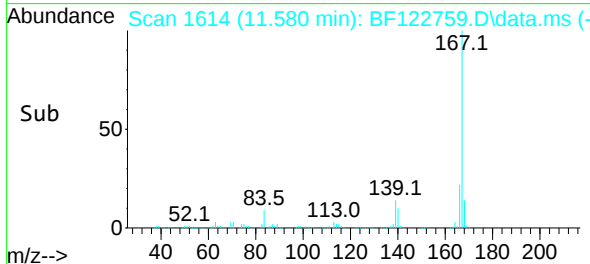
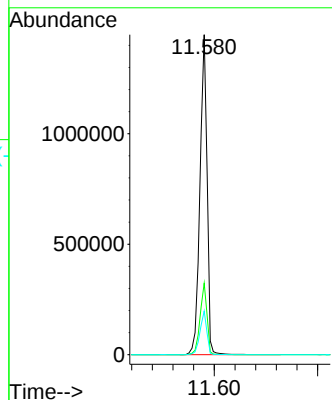
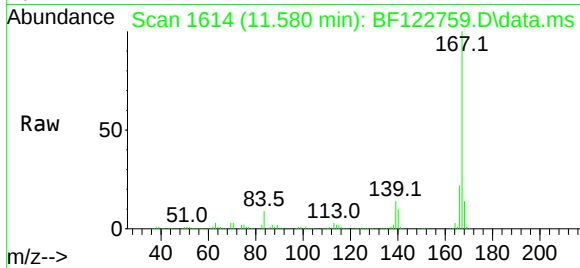




#73
 Carbazole
 Concen: 41.69 ng
 RT: 11.580 min Scan# 1614
 Delta R.T. 0.006 min
 Lab File: BF122759.D
 Acq: 17 Dec 2020 12:23

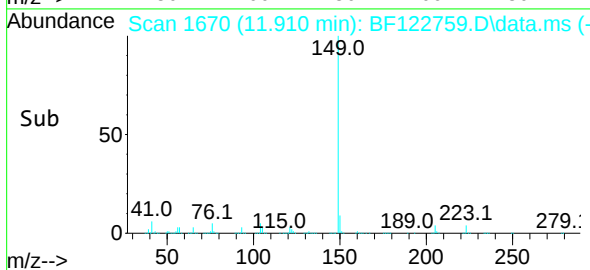
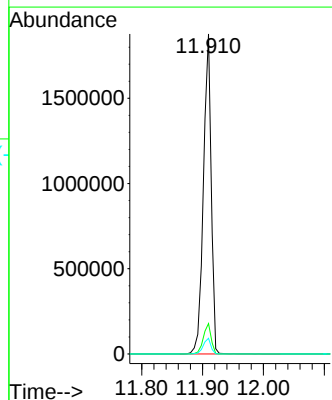
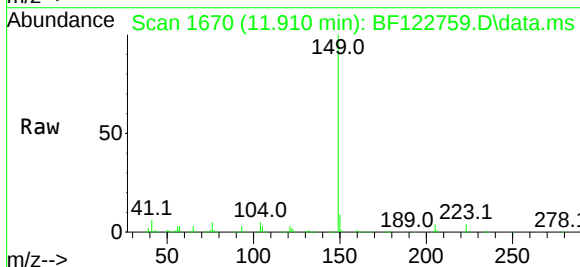
Instrument :
 BNA_F
 ClientSampleId :
 PB133640BS

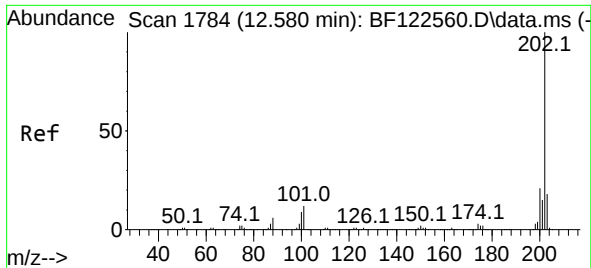
Tgt Ion:167 Resp: 1386389
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 39.60 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. -0.000 min
 Lab File: BF122759.D
 Acq: 17 Dec 2020 12:23

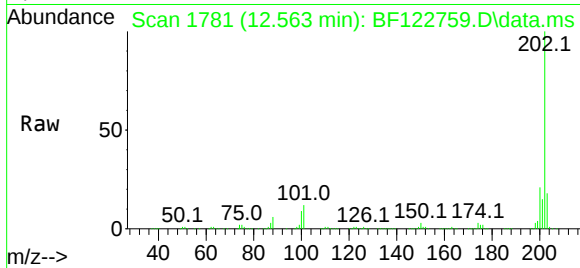
Tgt Ion:149 Resp: 1654865
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 4.9 4.2 6.4



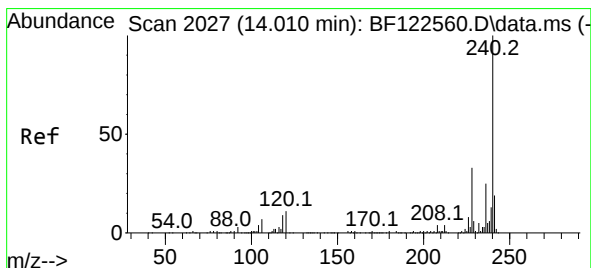
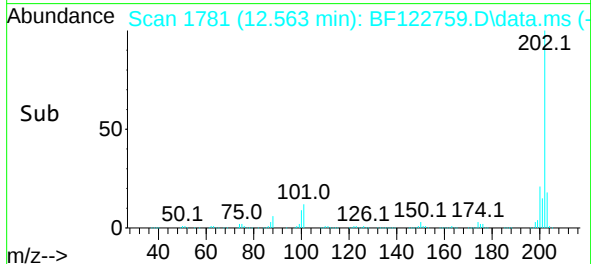
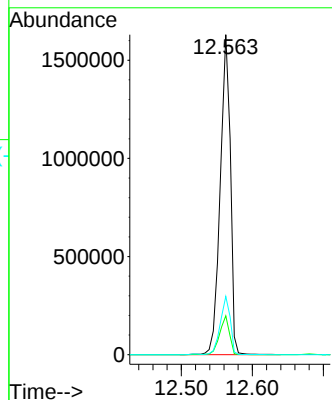


#75
Fluoranthene
Concen: 41.53 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Instrument :
BNA_F
ClientSampleId :
PB133640BS

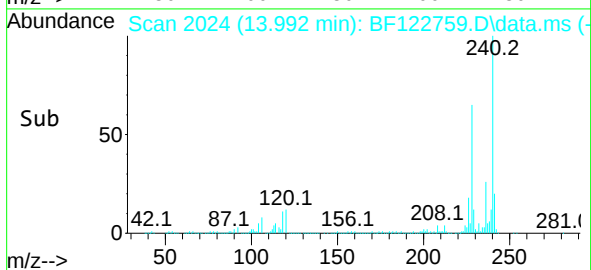
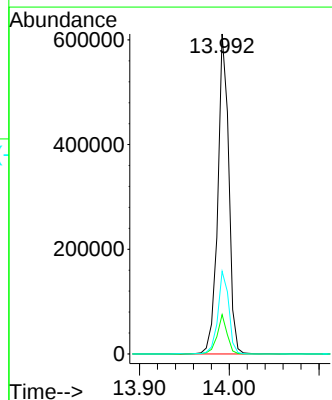
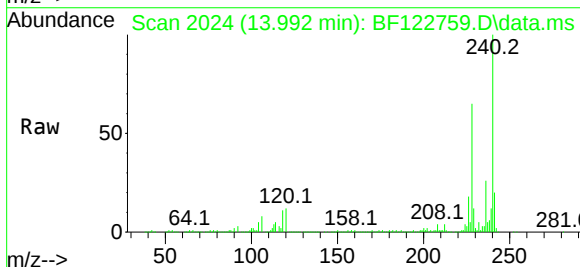


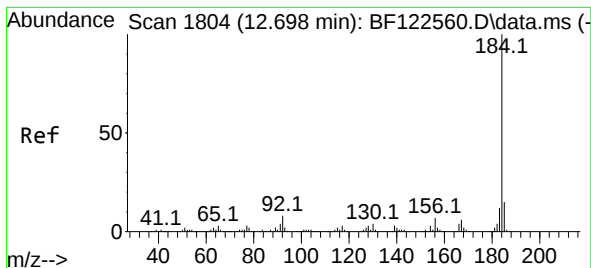
Tgt Ion:202 Resp: 1610243
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.2
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:240 Resp: 518236
Ion Ratio Lower Upper
240 100
120 12.3 8.6 12.8
236 25.8 20.3 30.5





#77

Benzidine

Concen: 45.60 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

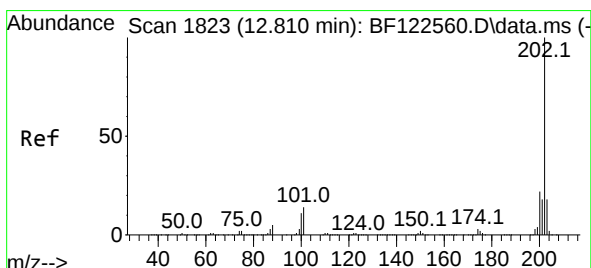
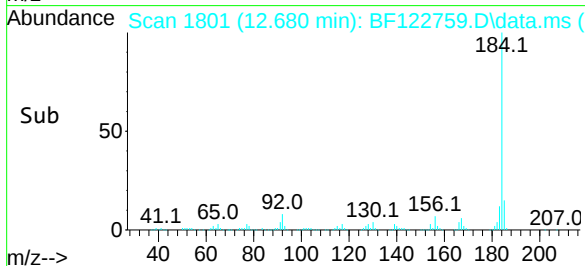
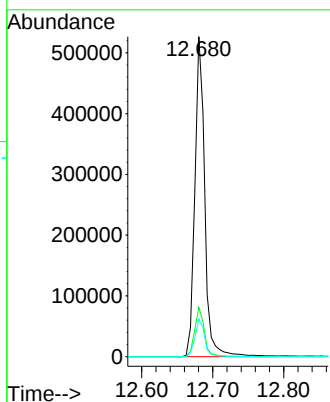
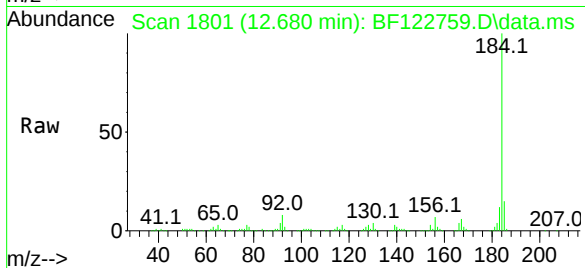
Tgt Ion:184 Resp: 511149

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.6

183 11.9 9.7 14.5



#78

Pyrene

Concen: 40.69 ng

RT: 12.792 min Scan# 1820

Delta R.T. 0.006 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

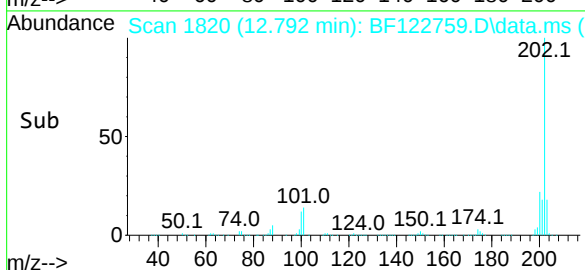
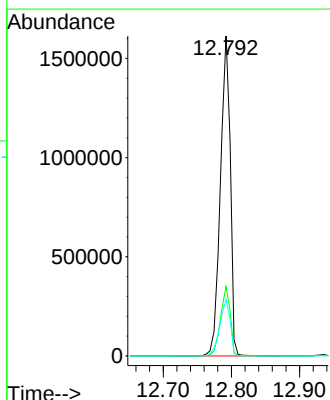
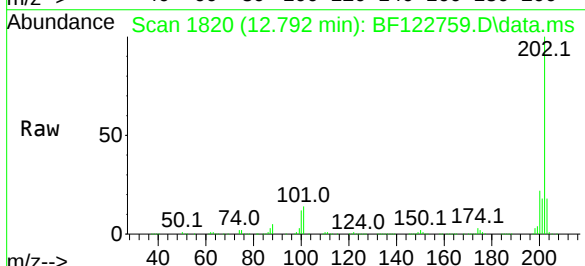
Tgt Ion:202 Resp: 1630221

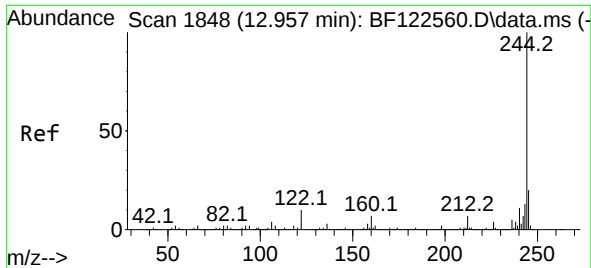
Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

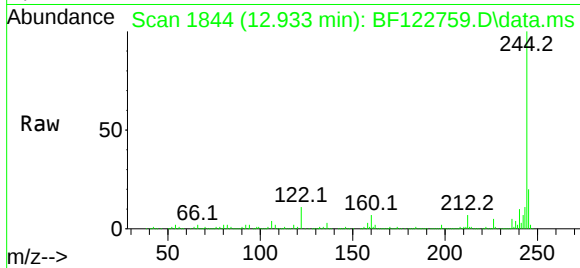
203 17.6 14.6 21.8



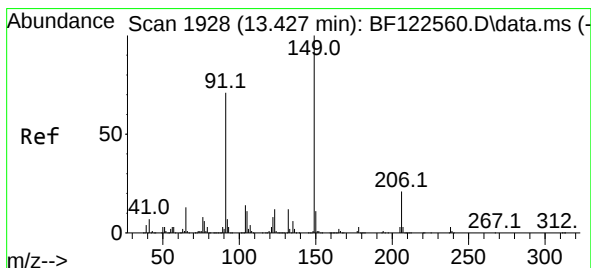
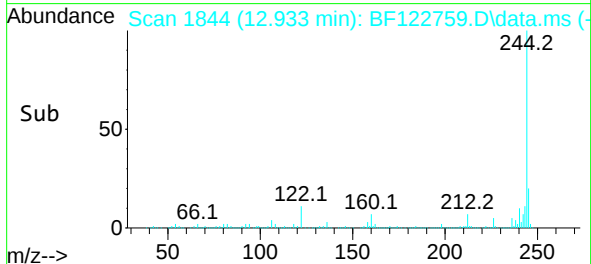
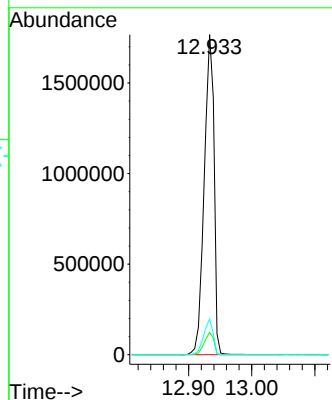


#79
 Terphenyl-d14
 Concen: 64.47 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF122759.D
 Acq: 17 Dec 2020 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB133640BS

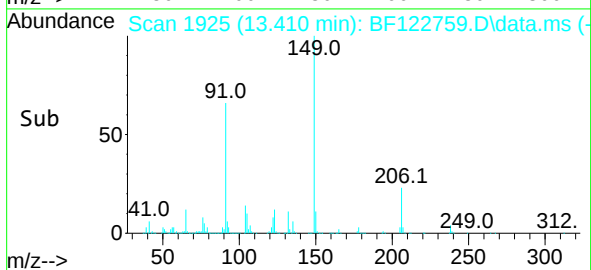
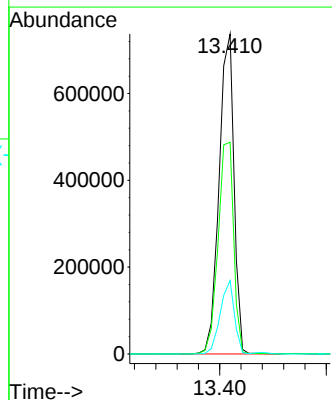
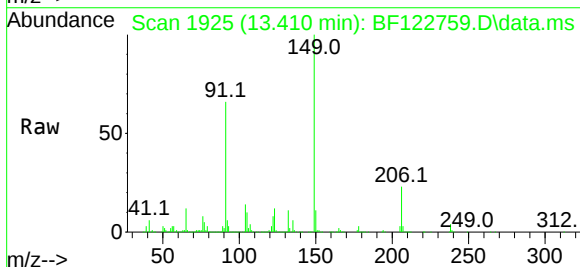


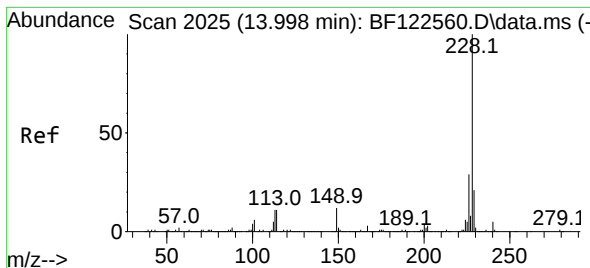
Tgt Ion:244 Resp: 1908604
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.1 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 39.56 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. 0.006 min
 Lab File: BF122759.D
 Acq: 17 Dec 2020 12:23

Tgt Ion:149 Resp: 713923
 Ion Ratio Lower Upper
 149 100
 91 66.2 56.5 84.7
 206 22.9 17.0 25.6

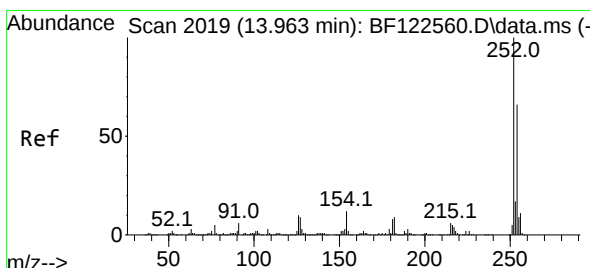
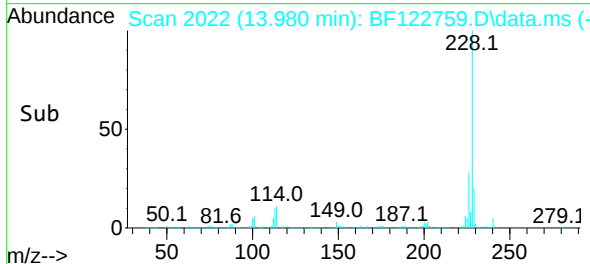
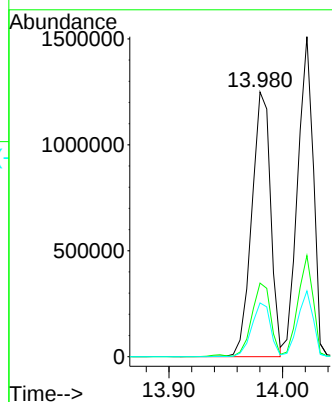
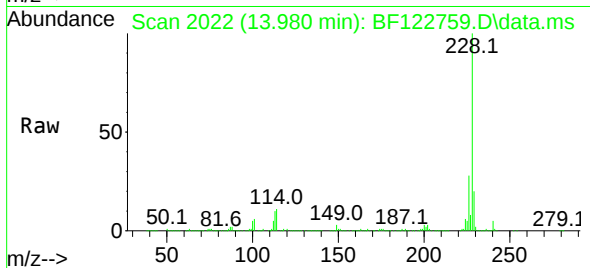




#81
Benzo(a)anthracene
Concen: 41.58 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

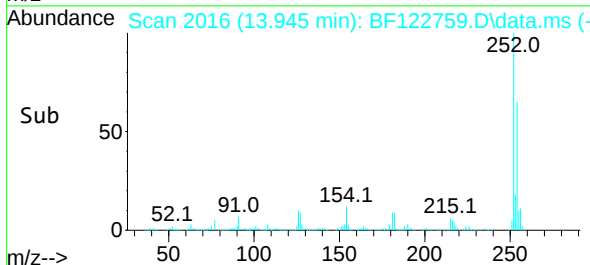
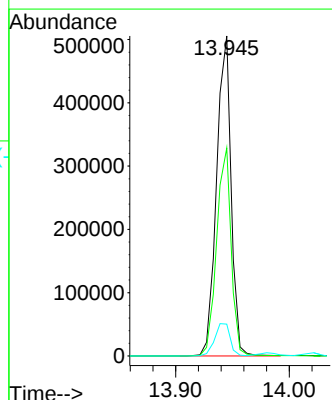
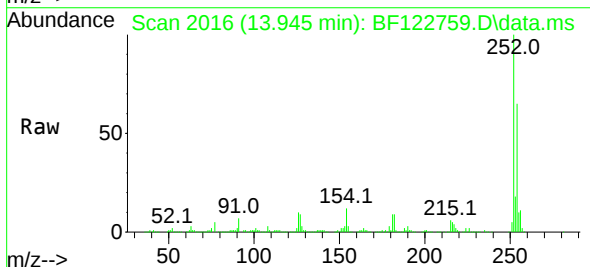
Instrument :
BNA_F
ClientSampleId :
PB133640BS

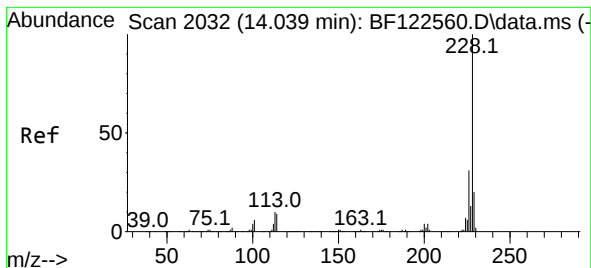
Tgt Ion:228 Resp: 1440111
Ion Ratio Lower Upper
228 100
226 27.8 23.0 34.4
229 20.3 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 36.29 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:252 Resp: 450129
Ion Ratio Lower Upper
252 100
254 65.0 52.7 79.1
126 10.0 8.0 12.0





#83

Chrysene

Concen: 41.71 ng

RT: 14.021 min Scan# 2029

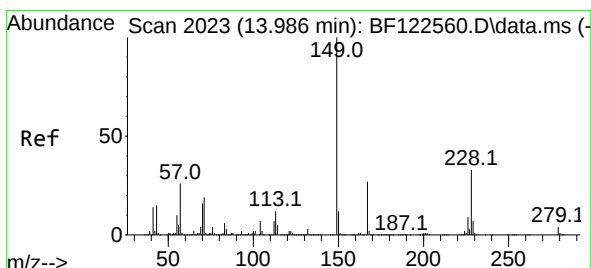
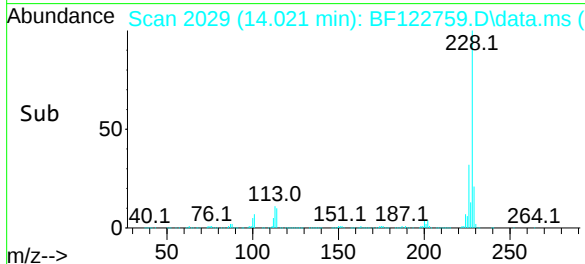
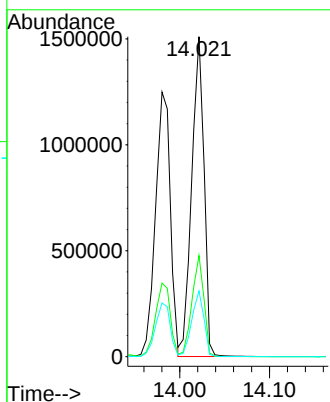
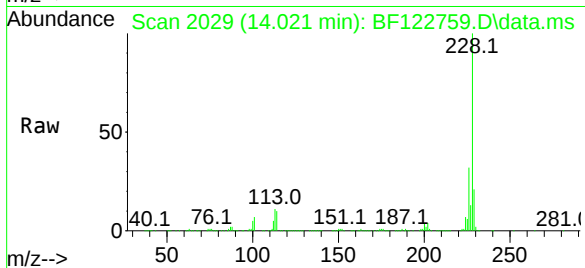
Delta R.T. 0.006 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

Tgt Ion:228 Resp: 1437757

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	36.8
229	20.6	15.8	23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.99 ng

RT: 13.968 min Scan# 2020

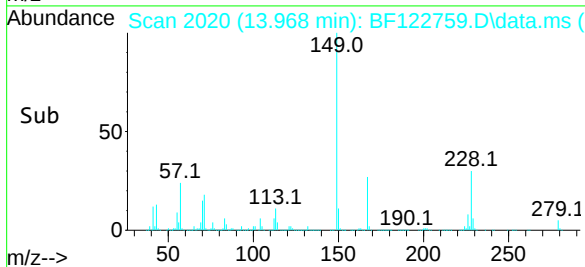
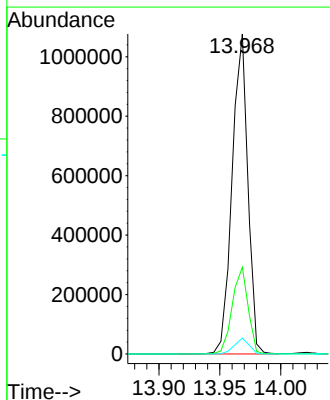
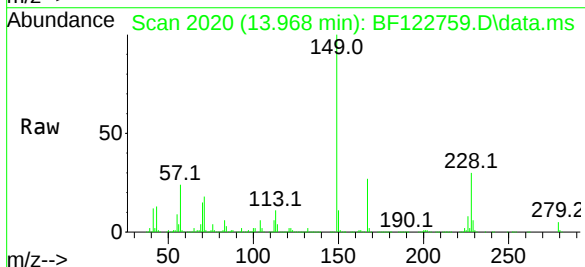
Delta R.T. 0.006 min

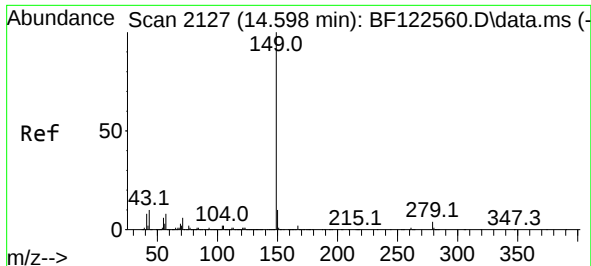
Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

Tgt Ion:149 Resp: 963688

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.2
279	5.0	3.4	5.0

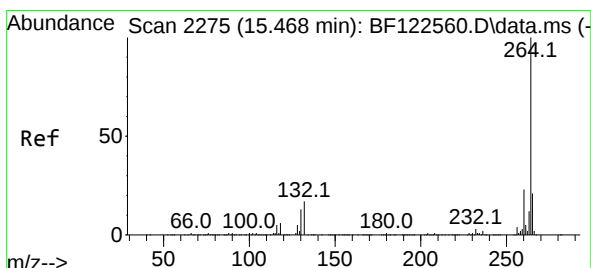
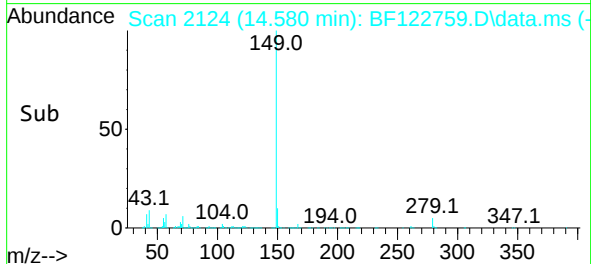
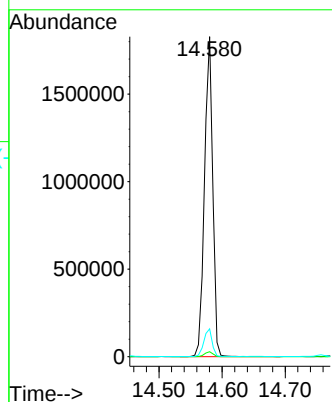
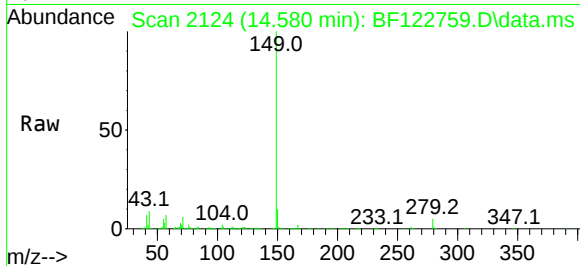




#85
Di-n-octyl phthalate
Concen: 40.39 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

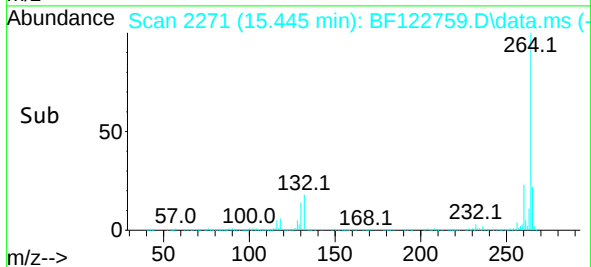
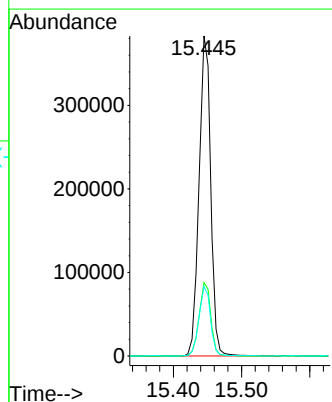
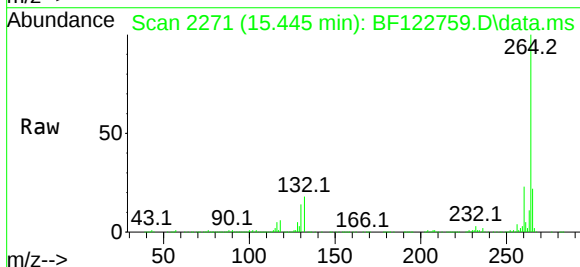
Instrument :
BNA_F
ClientSampleId :
PB133640BS

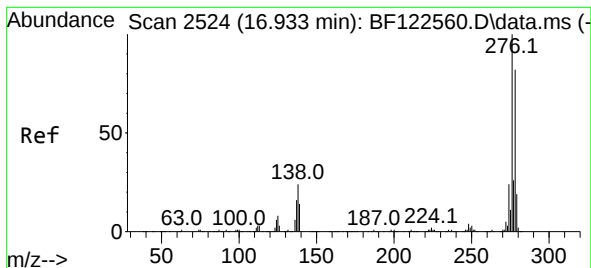
Tgt Ion:149 Resp: 1655853
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:264 Resp: 455386
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.33 ng

RT: 16.909 min Scan# 2520

Delta R.T. 0.018 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

Tgt Ion:276 Resp: 1474483

Ion Ratio Lower Upper

276 100

138 23.7 18.7 28.1

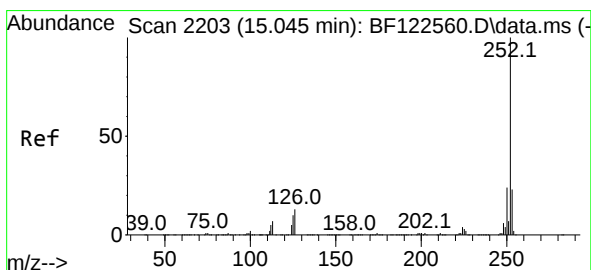
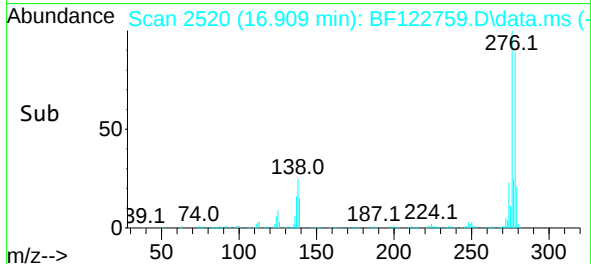
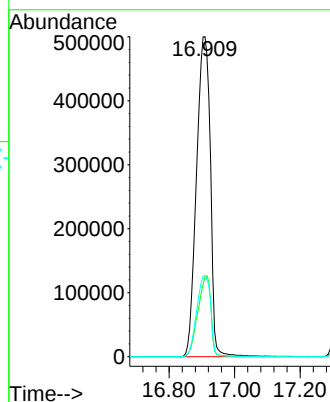
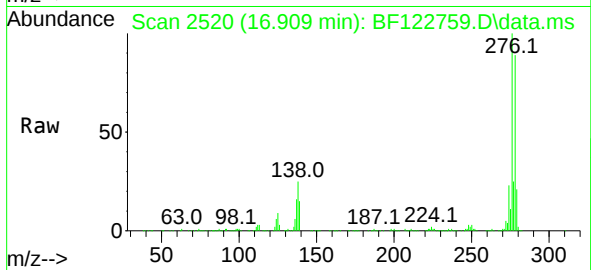
277 25.4 20.2 30.4

Instrument :

BNA_F

ClientSampleId :

PB133640BS



#88

Benzo(b)fluoranthene

Concen: 50.37 ng

RT: 15.033 min Scan# 2201

Delta R.T. 0.012 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

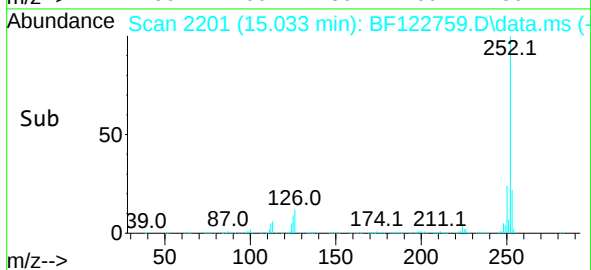
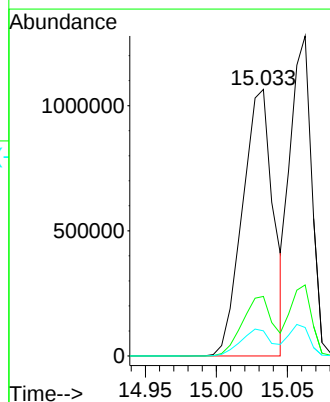
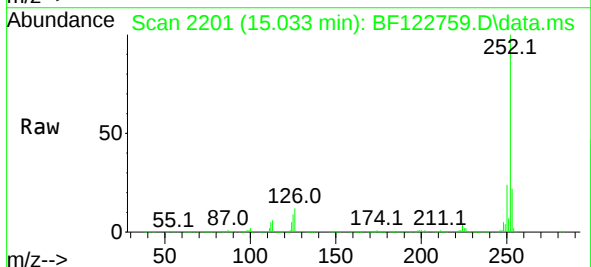
Tgt Ion:252 Resp: 1609314

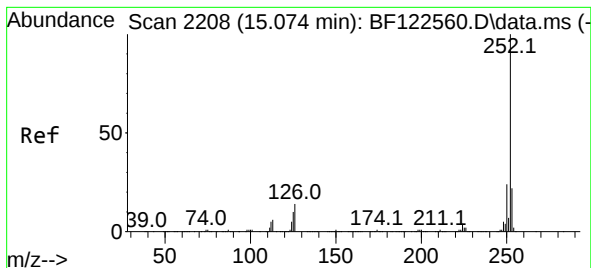
Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

125 9.5 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 46.30 ng

RT: 15.063 min Scan# 2206

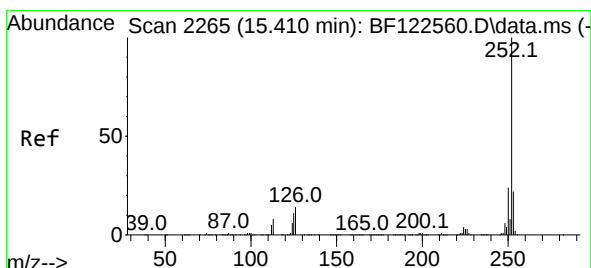
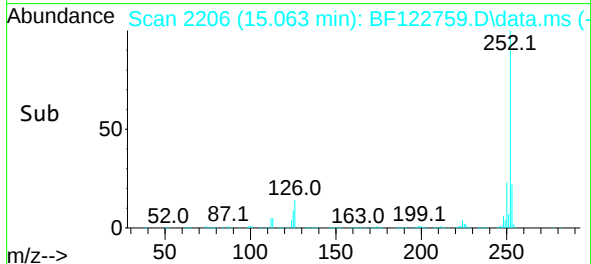
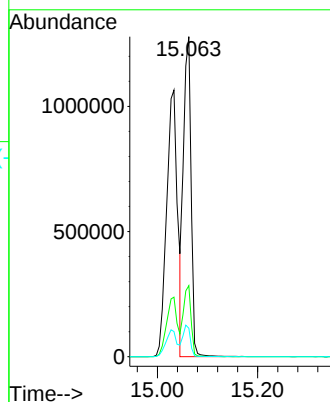
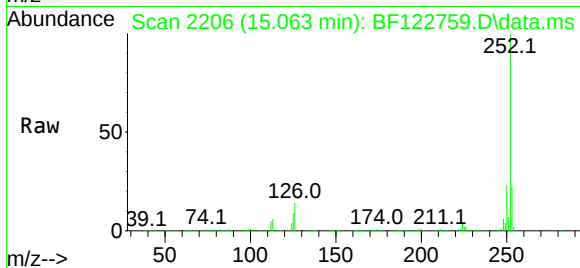
Delta R.T. 0.012 min

Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

Tgt Ion:252 Resp: 1352660

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.9	8.4	12.6



#90

Benzo(a)pyrene

Concen: 47.95 ng

RT: 15.392 min Scan# 2262

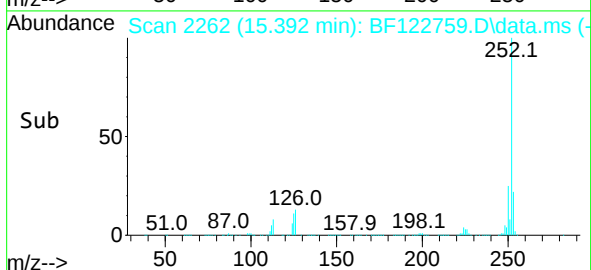
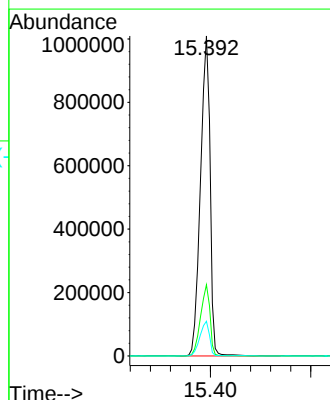
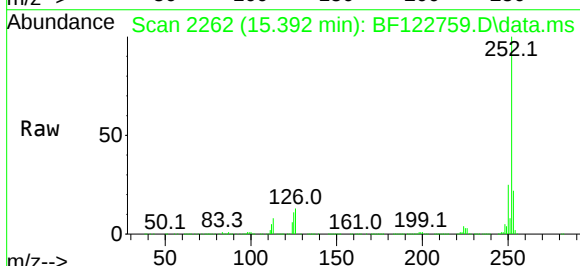
Delta R.T. 0.012 min

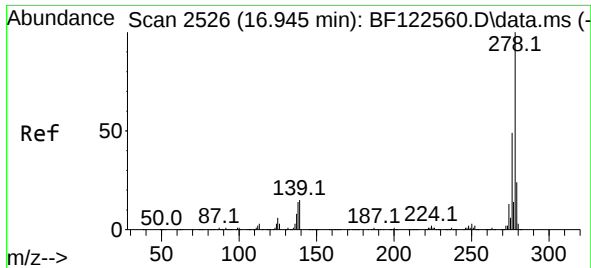
Lab File: BF122759.D

Acq: 17 Dec 2020 12:23

Tgt Ion:252 Resp: 1340343

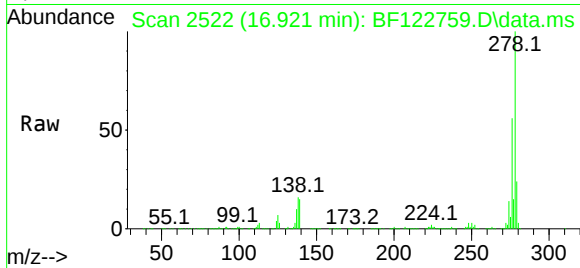
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.8	8.6	12.8



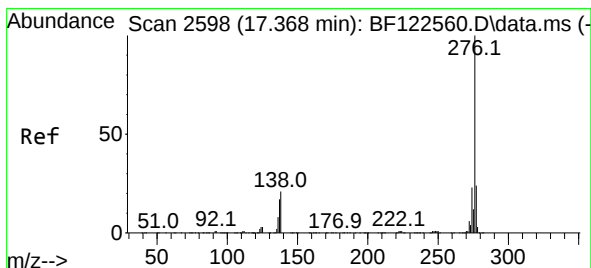
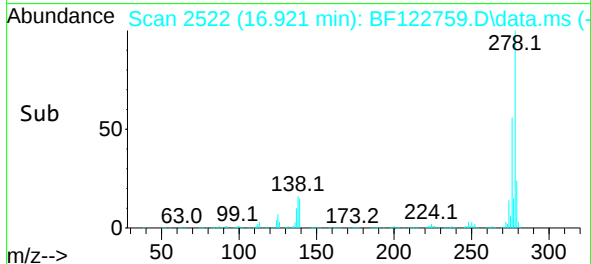
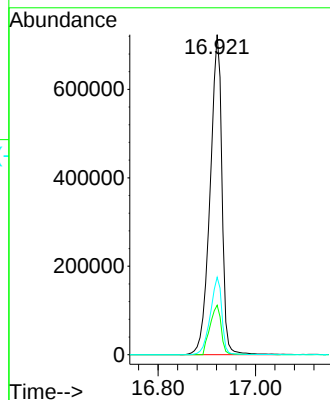


#91
Dibenzo(a,h)anthracene
Concen: 49.78 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.018 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Instrument :
BNA_F
ClientSampleId :
PB133640BS



Tgt Ion:278 Resp: 1217962
Ion Ratio Lower Upper
278 100
139 15.4 12.0 18.0
279 24.2 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 52.09 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF122759.D
Acq: 17 Dec 2020 12:23

Tgt Ion:276 Resp: 1233467
Ion Ratio Lower Upper
276 100
277 24.3 19.3 28.9
138 20.7 16.6 24.8

