

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138262.D
 Acq On : 20 Jun 2024 13:32
 Operator : CG\JU
 Sample : PB161578BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161578BSD

Quant Time: Jun 20 14:03:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	434190	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1739204	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	951710	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1639545	20.000	ng	0.00
76) Chrysene-d12	14.051	240	832700	20.000	ng	0.00
86) Perylene-d12	15.521	264	770301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2882208	111.044	ng	0.02
7) Phenol-d6	6.528	99	3638531	110.551	ng	0.00
23) Nitrobenzene-d5	7.457	82	2342058	78.396	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1131089	119.383	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4087142	68.289	ng	0.00
79) Terphenyl-d14	12.998	244	4256059	80.952	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	350789	29.533	ng	98
3) Pyridine	3.546	79	860061	30.466	ng	98
4) n-Nitrosodimethylamine	3.510	42	529863	40.555	ng	96
6) Aniline	6.551	93	752031	23.352	ng	99
8) 2-Chlorophenol	6.675	128	1247593	44.460	ng	98
9) Benzaldehyde	6.439	77	507777	29.048	ng	96
10) Phenol	6.540	94	1398637	41.875	ng	91
11) bis(2-Chloroethyl)ether	6.628	93	1173811	43.910	ng	99
12) 1,3-Dichlorobenzene	6.828	146	1217209	38.168	ng	99
13) 1,4-Dichlorobenzene	6.904	146	1239032	38.607	ng	99
14) 1,2-Dichlorobenzene	7.057	146	1205749	40.021	ng	99
15) Benzyl Alcohol	7.034	79	1018164	45.880	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1493196	39.579	ng	96
17) 2-Methylphenol	7.145	107	960073	43.364	ng	96
18) Hexachloroethane	7.398	117	449776	41.368	ng	95
19) n-Nitroso-di-n-propyla...	7.310	70	804443	41.234	ng	99
20) 3+4-Methylphenols	7.298	107	1087509	39.026	ng	97
22) Acetophenone	7.304	105	1538217	38.716	ng	# 96
24) Nitrobenzene	7.475	77	1215604	39.369	ng	95
25) Isophorone	7.710	82	2294123	42.454	ng	99
26) 2-Nitrophenol	7.786	139	689360	55.522	ng	99
27) 2,4-Dimethylphenol	7.822	122	891796	47.211	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	1404526	41.521	ng	100
29) 2,4-Dichlorophenol	8.028	162	1029813	42.345	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	1134656	39.562	ng	99
31) Naphthalene	8.192	128	3291019	38.268	ng	99
32) Benzoic acid	7.975	122	901155	54.129	ng	99
33) 4-Chloroaniline	8.239	127	702929	21.869	ng	99
34) Hexachlorobutadiene	8.304	225	639839	38.146	ng	98
35) Caprolactam	8.628	113	205235	27.954	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	1043332	43.088	ng	98
37) 2-Methylnaphthalene	8.886	142	2192315	38.843	ng	99
38) 1-Methylnaphthalene	8.986	142	2056129	37.175	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	1097651	39.469	ng	99
41) Hexachlorocyclopentadiene	9.033	237	886689	97.780	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	779846	44.784	ng	99

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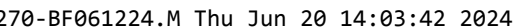
Instrument :
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 PB161578BSD

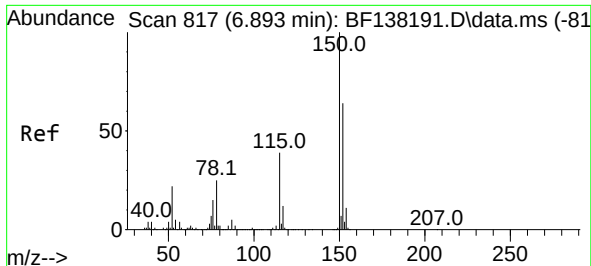
Quant Time: Jun 20 14:03:01 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	802551	41.967	ng	97
46) 1,1'-Biphenyl	9.351	154	2646075	37.890	ng	99
47) 2-Chloronaphthalene	9.375	162	2130846	38.608	ng	100
48) 2-Nitroaniline	9.469	65	657142	49.441	ng	99
49) Acenaphthylene	9.792	152	3179744	41.087	ng	99
50) Dimethylphthalate	9.657	163	2498913	42.854	ng	100
51) 2,6-Dinitrotoluene	9.716	165	593055	46.881	ng	88
52) Acenaphthene	9.963	154	1991892	37.744	ng	99
53) 3-Nitroaniline	9.880	138	464171	34.347	ng	97
54) 2,4-Dinitrophenol	9.992	184	685995	98.185	ng	92
55) Dibenzofuran	10.133	168	2873468	38.950	ng	98
56) 4-Nitrophenol	10.051	139	968134	90.653	ng	94
57) 2,4-Dinitrotoluene	10.122	165	780698	50.036	ng	96
58) Fluorene	10.480	166	2167280	37.364	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	659517	44.129	ng	99
60) Diethylphthalate	10.351	149	2375924	42.931	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	1111054	38.460	ng	100
62) 4-Nitroaniline	10.504	138	548991	40.658	ng	97
63) Azobenzene	10.627	77	2250062	40.581	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	459925	54.033	ng	84
66) n-Nitrosodiphenylamine	10.592	169	2026273	40.368	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	768441	41.594	ng	# 93
68) Hexachlorobenzene	11.022	284	870049	40.354	ng	98
69) Atrazine	11.116	200	662278	46.323	ng	99
70) Pentachlorophenol	11.216	266	967980	76.982	ng	97
71) Phenanthrene	11.439	178	3178887	39.206	ng	99
72) Anthracene	11.492	178	3122250	38.785	ng	99
73) Carbazole	11.645	167	2796735	37.878	ng	99
74) Di-n-butylphthalate	11.974	149	3340496	43.702	ng	99
75) Fluoranthene	12.627	202	3079013	37.240	ng	100
77) Benzidine	12.739	184	72624	7.540	ng	98
78) Pyrene	12.857	202	3063003	42.645	ng	100
80) Butylbenzylphthalate	13.468	149	1140340	58.368	ng	96
81) Benzo(a)anthracene	14.039	228	2229272	41.730	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	620618	42.186	ng	99
83) Chrysene	14.080	228	2146369	42.151	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1381553	60.800	ng	98
85) Di-n-octyl phthalate	14.639	149	2232442	66.132	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	2663602	53.043	ng	99
88) Benzo(b)fluoranthene	15.092	252	2180094	47.993	ng	99
89) Benzo(k)fluoranthene	15.121	252	2127342	47.786	ng	98
90) Benzo(a)pyrene	15.462	252	1985964	50.890	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	2208165	53.573	ng	99
92) Benzo(g,h,i)perylene	17.462	276	2139004	50.164	ng	98

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

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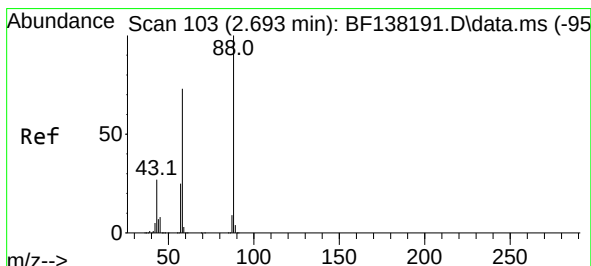
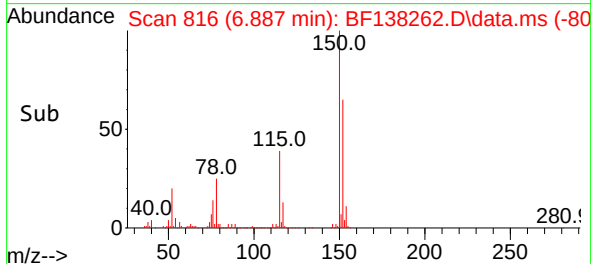
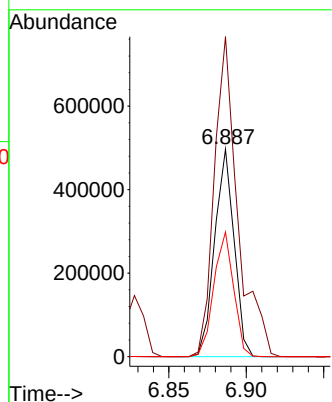
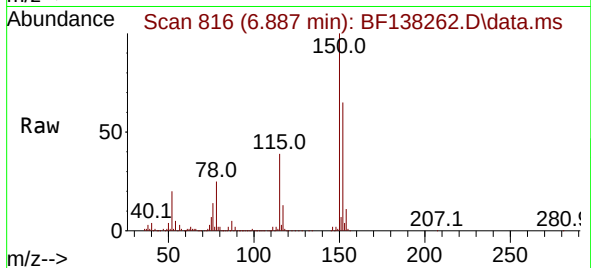




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138262.D
 Acq: 20 Jun 2024 13:32

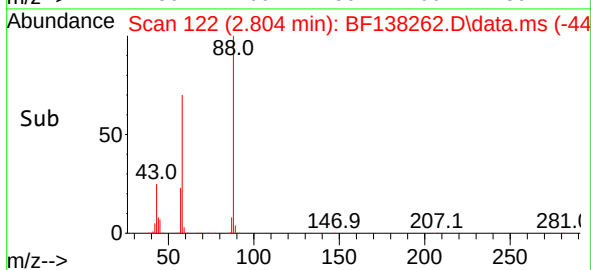
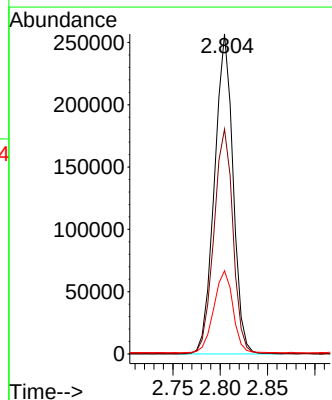
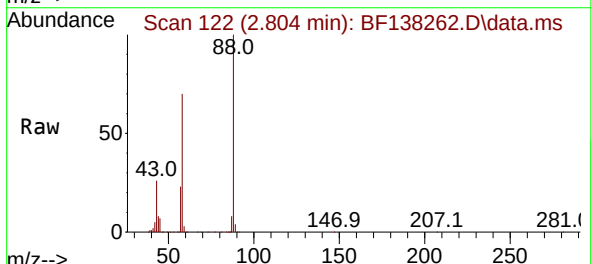
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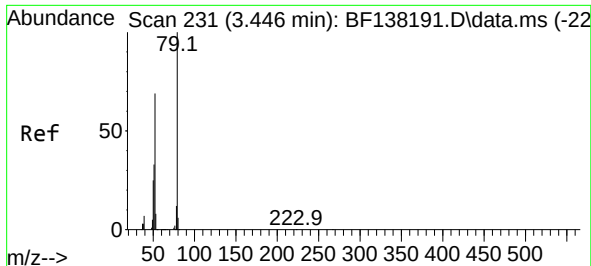
Tgt Ion:152 Resp: 434190
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.0 187.4
 115 60.1 48.4 72.6



#2
 1,4-Dioxane
 Concen: 29.533 ng
 RT: 2.804 min Scan# 122
 Delta R.T. 0.112 min
 Lab File: BF138262.D
 Acq: 20 Jun 2024 13:32

Tgt Ion: 88 Resp: 350789
 Ion Ratio Lower Upper
 88 100
 58 72.0 58.6 87.8
 43 26.3 22.4 33.6





#3

Pyridine

Concen: 30.466 ng

RT: 3.546 min Scan# 24

Delta R.T. 0.100 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

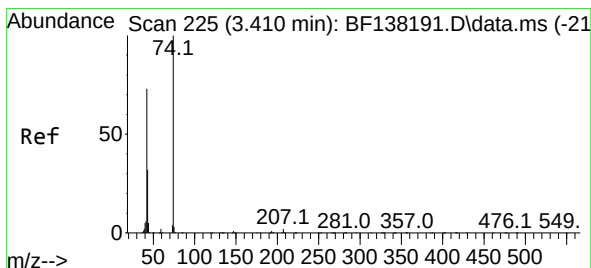
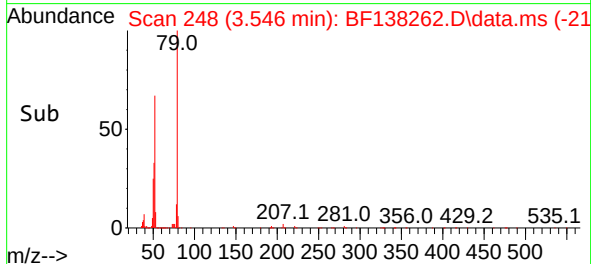
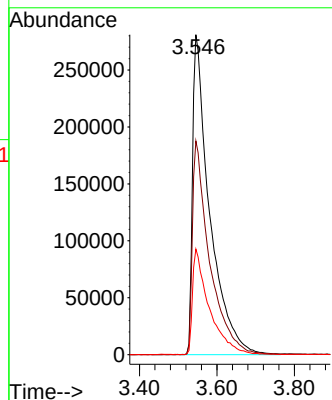
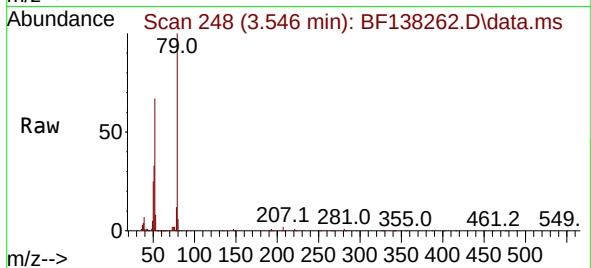
Tgt Ion: 79 Resp: 860061

Ion Ratio Lower Upper

79 100

52 66.8 55.0 82.4

51 33.0 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 40.555 ng

RT: 3.510 min Scan# 242

Delta R.T. 0.100 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

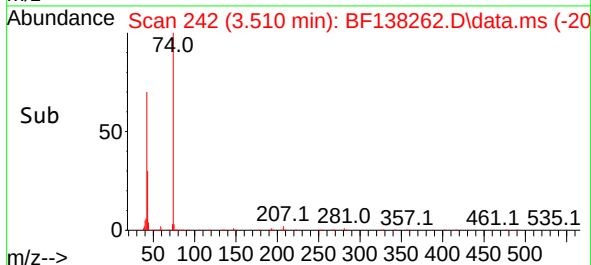
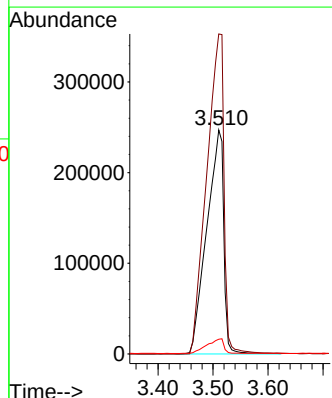
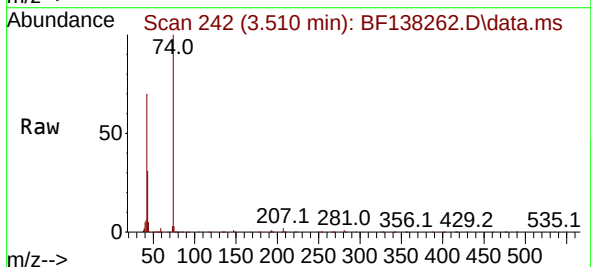
Tgt Ion: 42 Resp: 529863

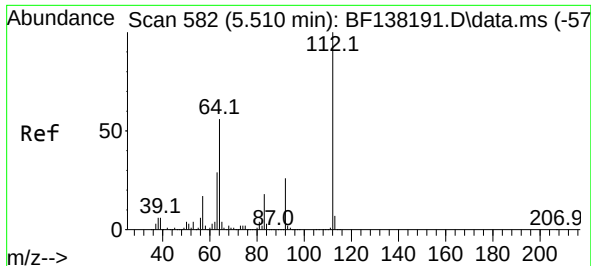
Ion Ratio Lower Upper

42 100

74 142.8 109.9 164.9

44 6.6 5.2 7.8

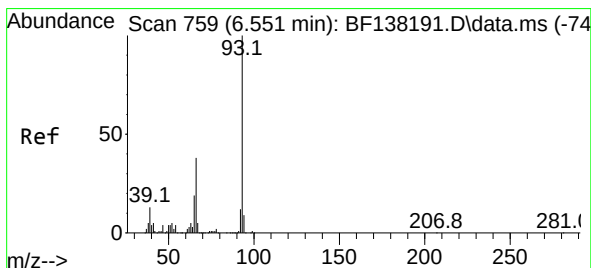
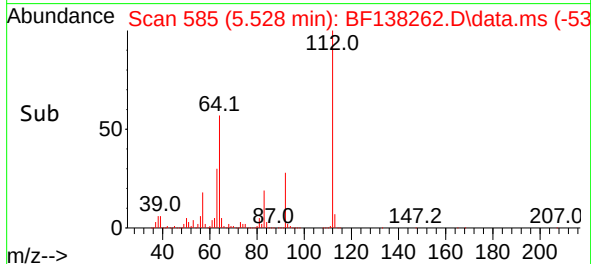
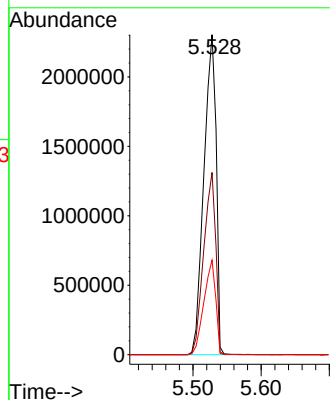
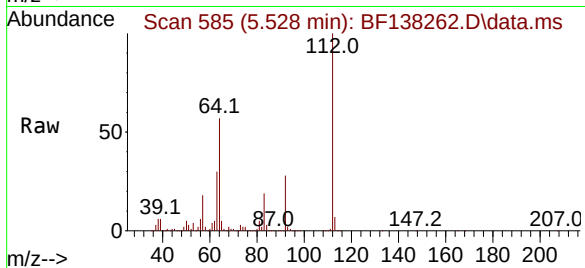




#5
2-Fluorophenol
Concen: 111.044 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

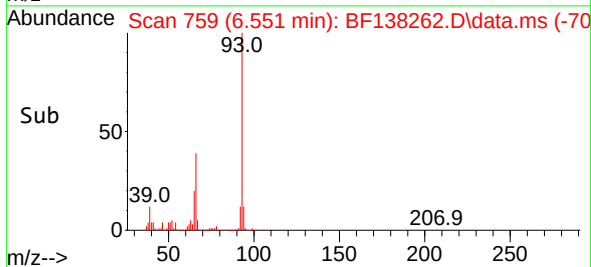
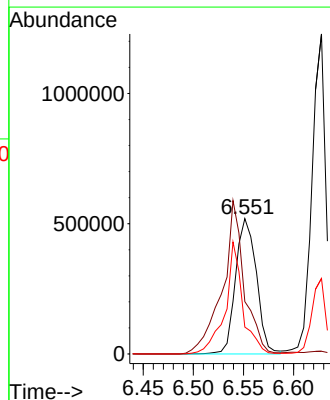
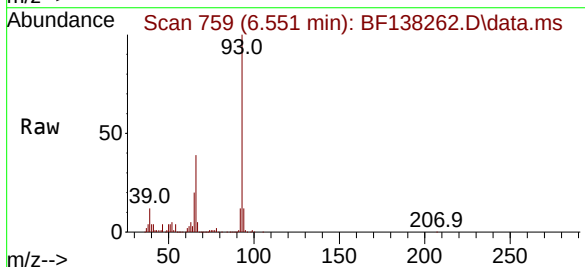
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

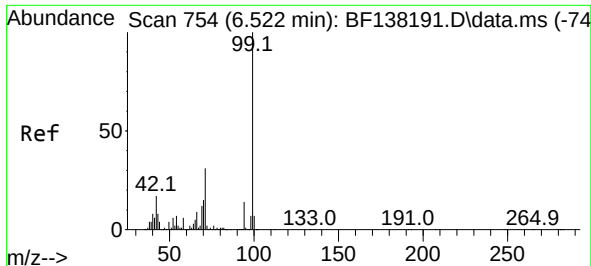
Tgt Ion:112 Resp: 2882208
Ion Ratio Lower Upper
112 100
64 57.0 45.2 67.8
63 29.6 22.9 34.3



#6
Aniline
Concen: 23.352 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion: 93 Resp: 752031
Ion Ratio Lower Upper
93 100
66 38.7 30.8 46.2
65 19.9 15.5 23.3

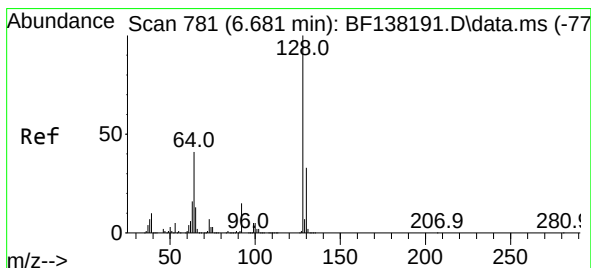
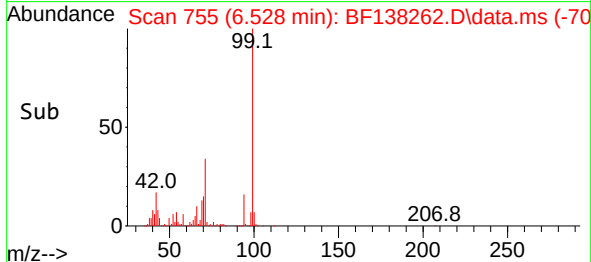
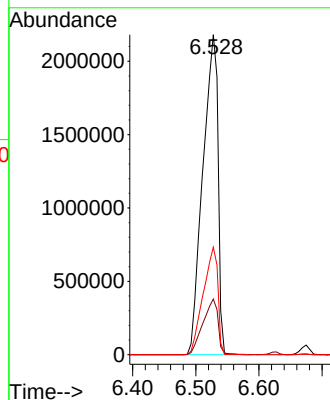
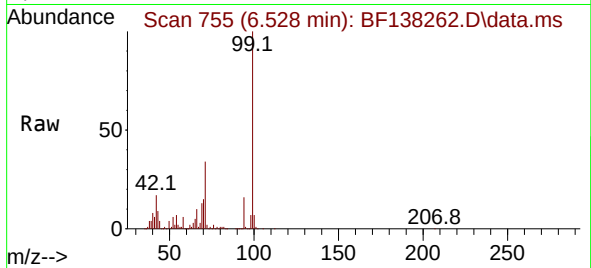




#7
Phenol-d6
Concen: 110.551 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

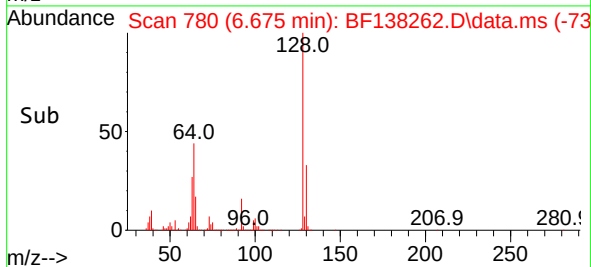
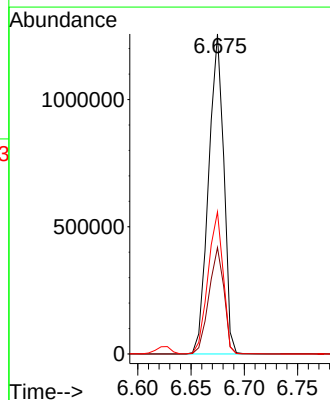
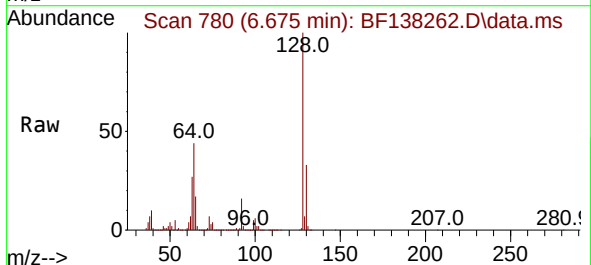
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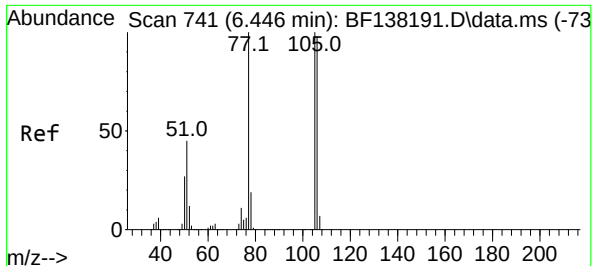
Tgt Ion: 99 Resp: 3638531
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 33.6 25.0 37.6



#8
2-Chlorophenol
Concen: 44.460 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:128 Resp: 1247593
Ion Ratio Lower Upper
128 100
130 33.3 13.1 53.1
64 44.4 21.8 61.8

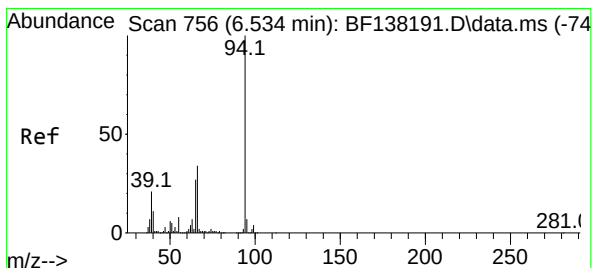
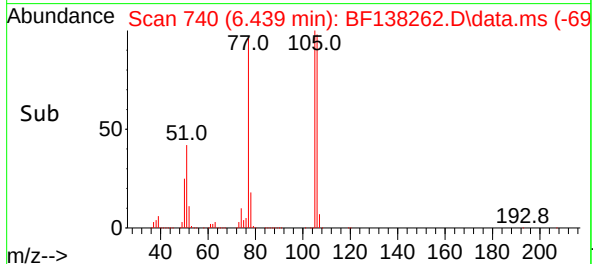
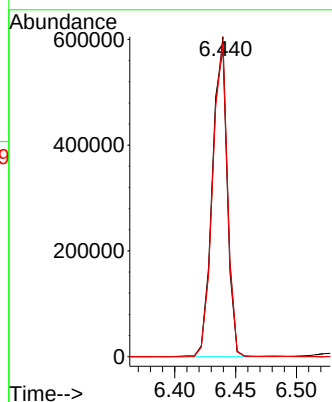
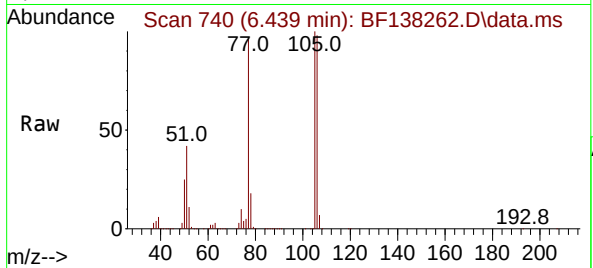




#9
Benzaldehyde
Concen: 29.048 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

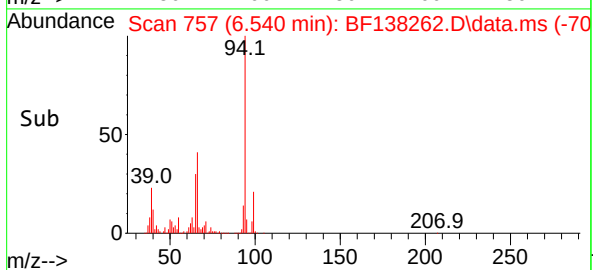
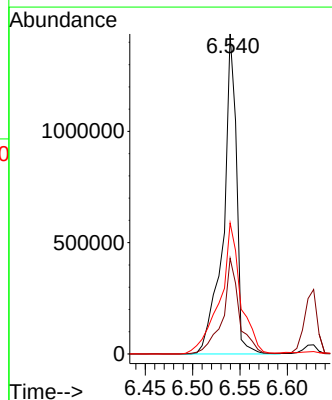
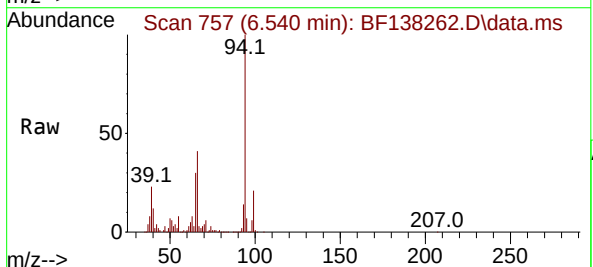
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

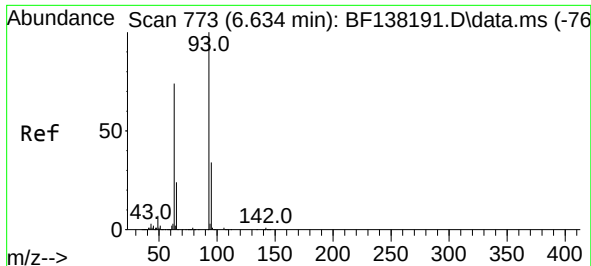
Tgt Ion: 77 Resp: 507777
Ion Ratio Lower Upper
77 100
105 103.9 80.1 120.1
106 101.6 77.8 117.8



#10
Phenol
Concen: 41.875 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion: 94 Resp: 1398637
Ion Ratio Lower Upper
94 100
65 29.9 6.8 46.8
66 40.9 14.2 54.2





#11

bis(2-Chloroethyl)ether

Concen: 43.910 ng

RT: 6.628 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

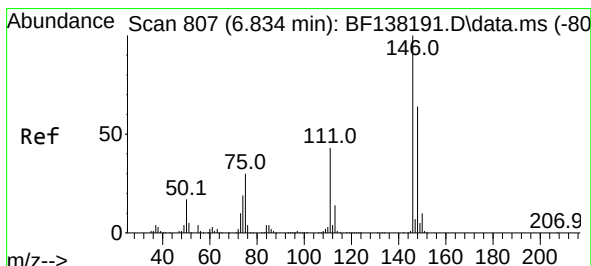
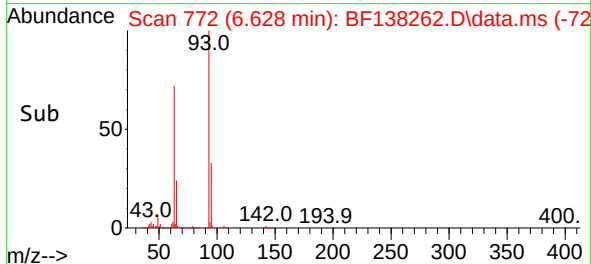
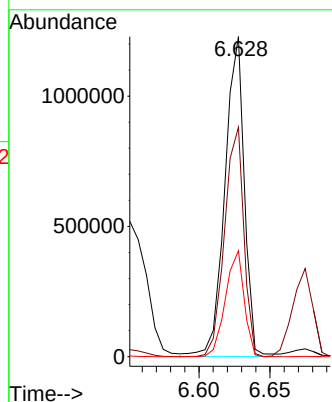
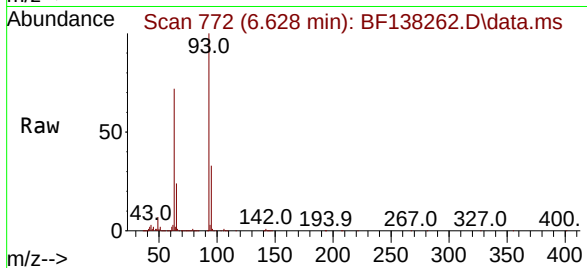
BNA_F

ClientSampleId :

PB161578BSD

Tgt Ion: 93 Resp: 1173811

Ion	Ratio	Lower	Upper
93	100		
63	71.7	52.5	92.5
95	33.1	13.2	53.2



#12

1,3-Dichlorobenzene

Concen: 38.168 ng

RT: 6.828 min Scan# 806

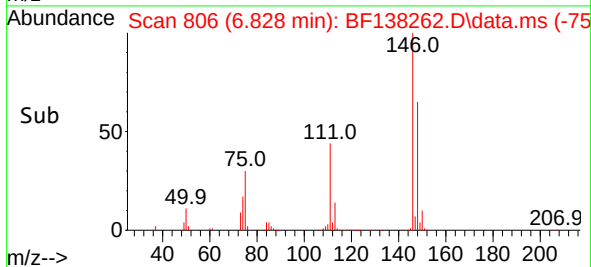
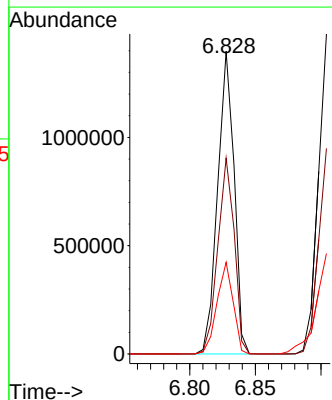
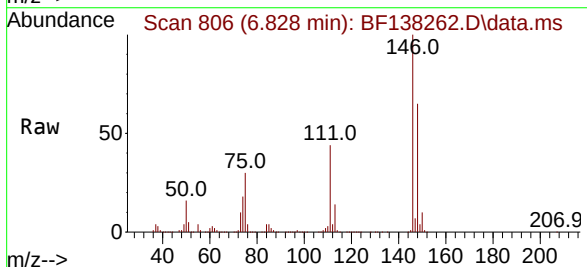
Delta R.T. -0.006 min

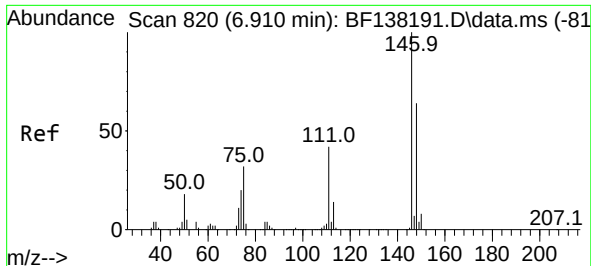
Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Tgt Ion:146 Resp: 1217209

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
75	30.3	24.3	36.5

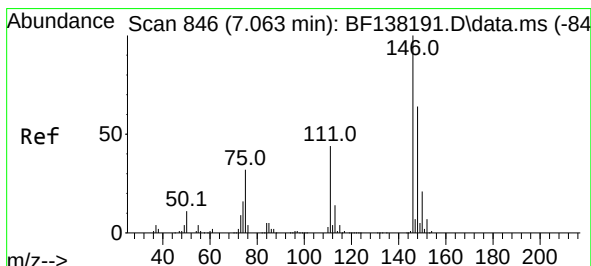
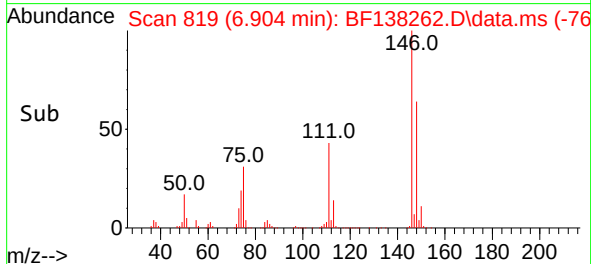
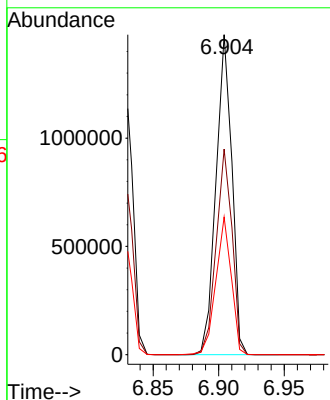
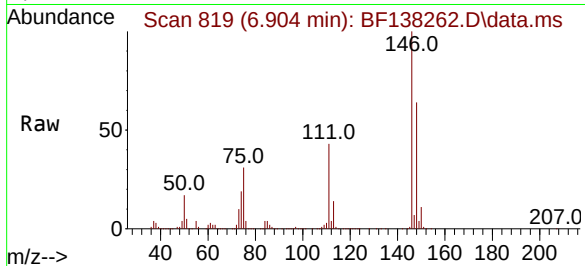




#13
1,4-Dichlorobenzene
Concen: 38.607 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

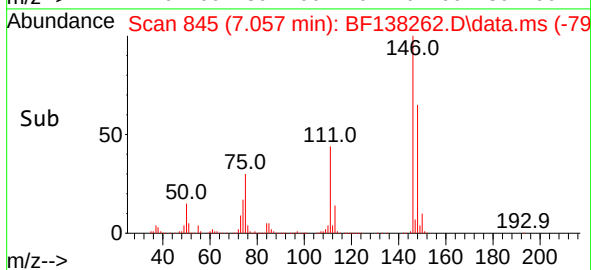
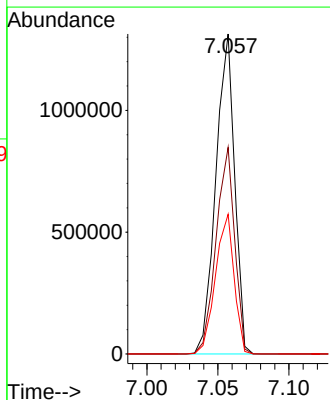
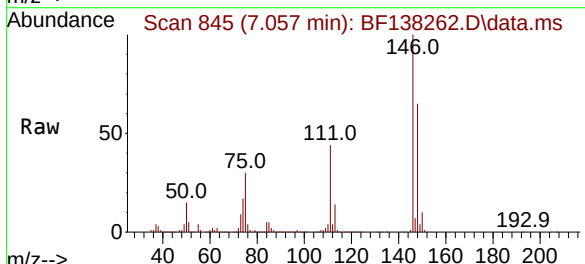
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

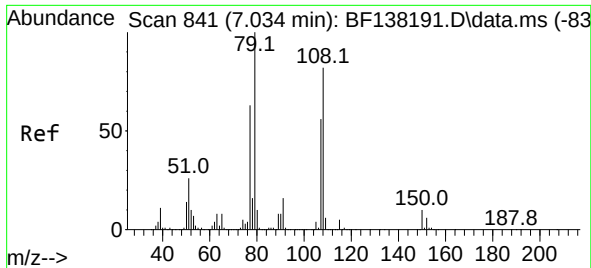
Tgt Ion:146 Resp: 1239032
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 43.0 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 40.021 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:146 Resp: 1205749
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
111 43.7 35.4 53.2

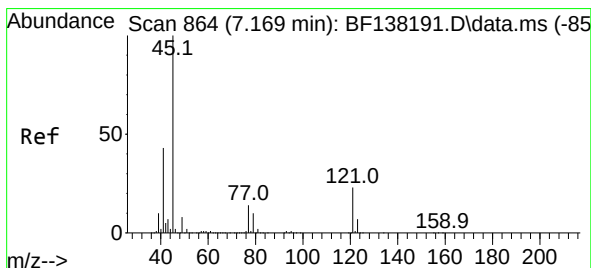
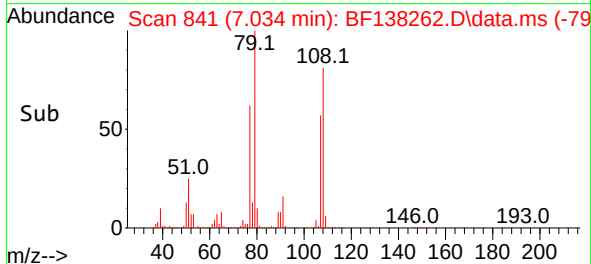
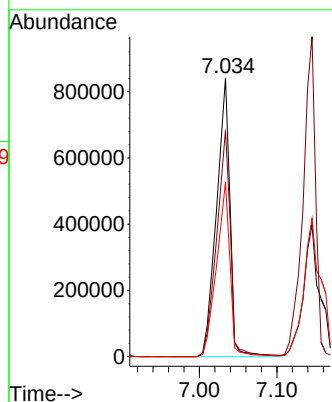
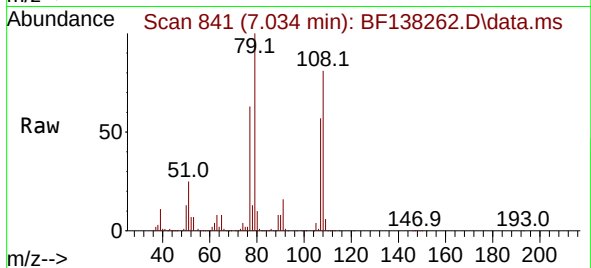




#15
Benzyl Alcohol
Concen: 45.880 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

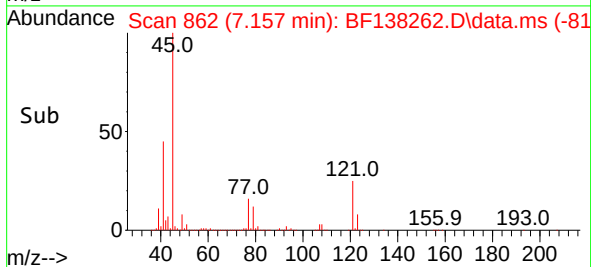
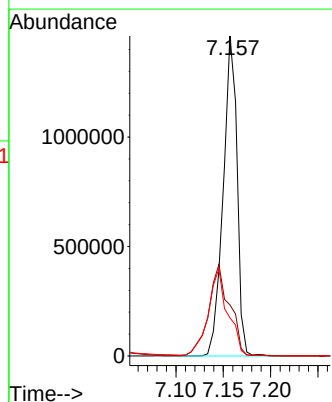
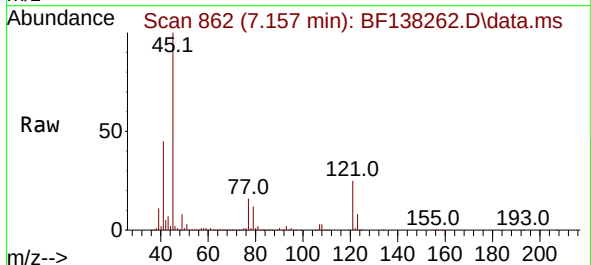
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

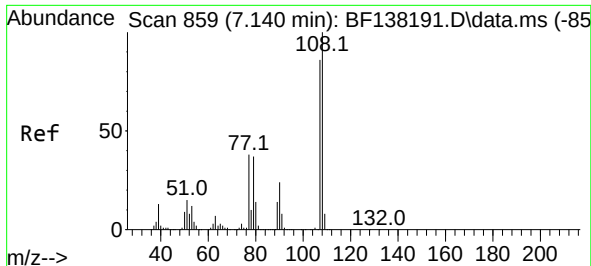
Tgt Ion: 79 Resp: 1018164
Ion Ratio Lower Upper
79 100
108 81.3 65.9 98.9
77 62.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.579 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion: 45 Resp: 1493196
Ion Ratio Lower Upper
45 100
77 16.0 0.0 33.9
79 11.9 0.0 30.7

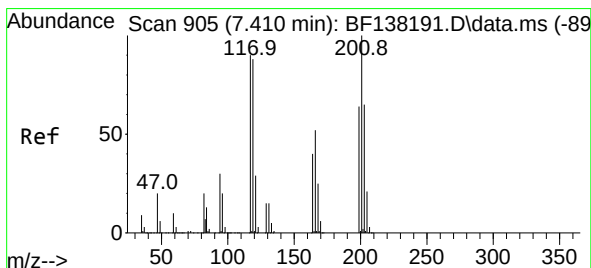
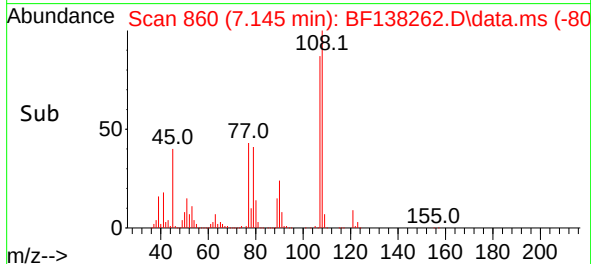
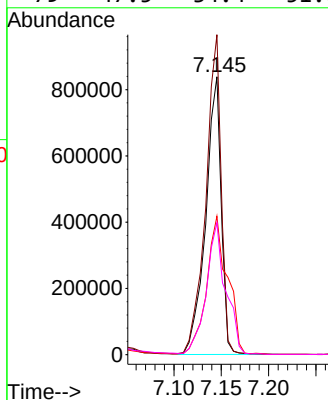
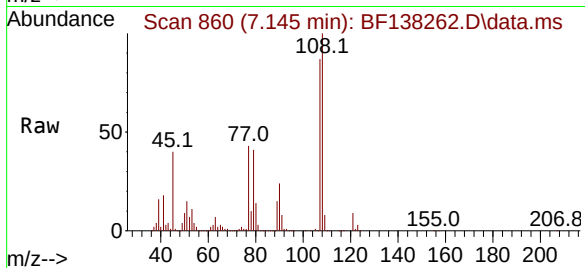




#17
2-Methylphenol
Concen: 43.364 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

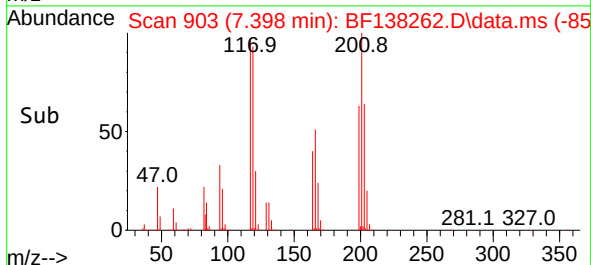
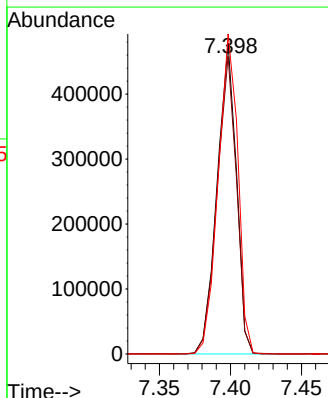
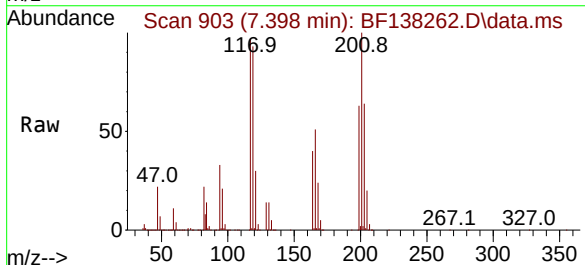
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

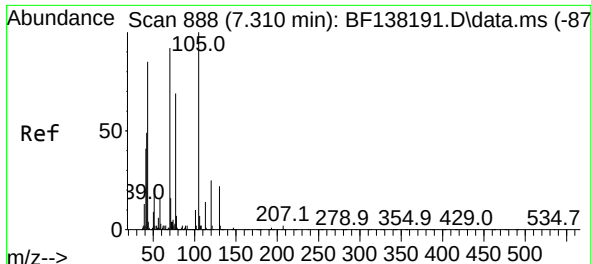
Tgt Ion:107 Resp: 960073
Ion Ratio Lower Upper
107 100
108 115.1 92.7 139.1
77 49.8 35.7 53.5
79 47.5 34.4 51.6



#18
Hexachloroethane
Concen: 41.368 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:117 Resp: 449776
Ion Ratio Lower Upper
117 100
119 95.8 78.4 117.6
201 103.0 89.0 133.6

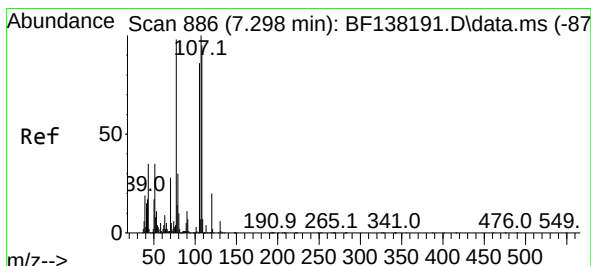
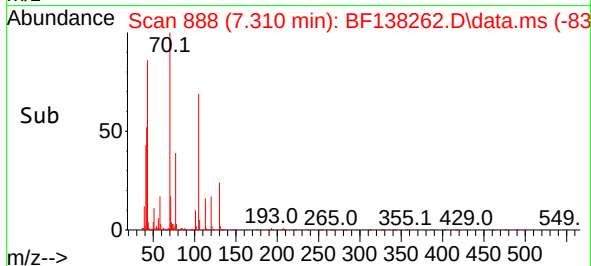
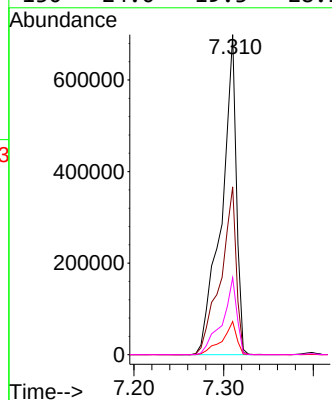
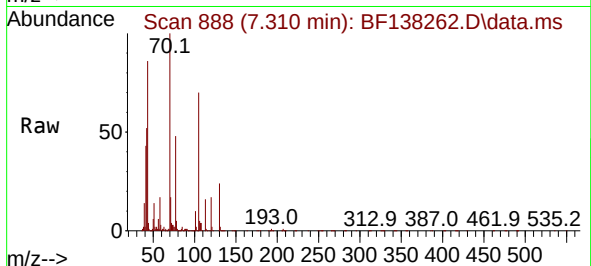




#19
n-Nitroso-di-n-propylamine
Concen: 41.234 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

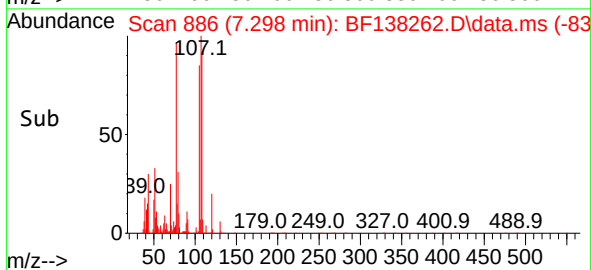
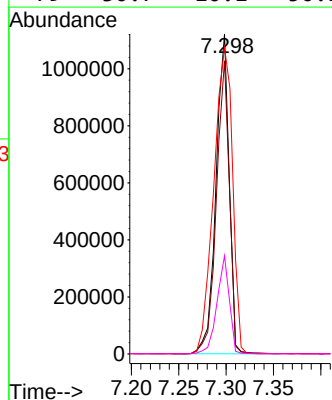
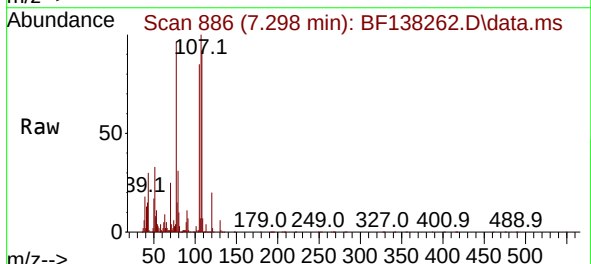
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

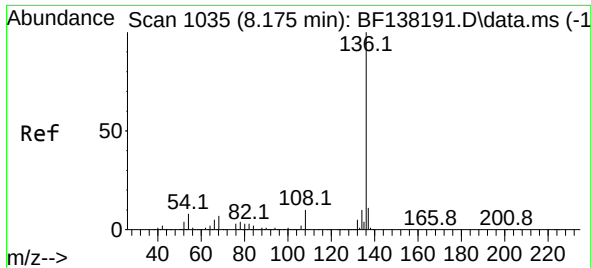
Tgt Ion: 70 Resp: 804443
Ion Ratio Lower Upper
70 100
42 52.4 42.8 64.2
101 10.3 8.4 12.6
130 24.0 19.3 28.9



#20
3+4-Methylphenols
Concen: 39.026 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion: 107 Resp: 1087509
Ion Ratio Lower Upper
107 100
108 91.6 74.9 114.9
77 95.8 78.2 118.2
79 30.7 10.1 50.1

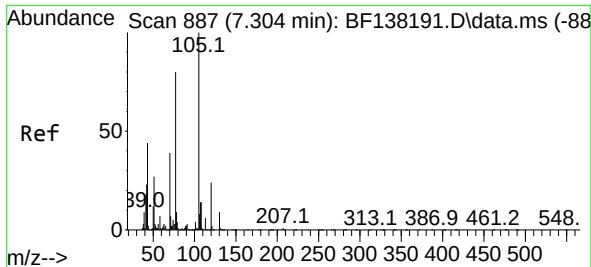
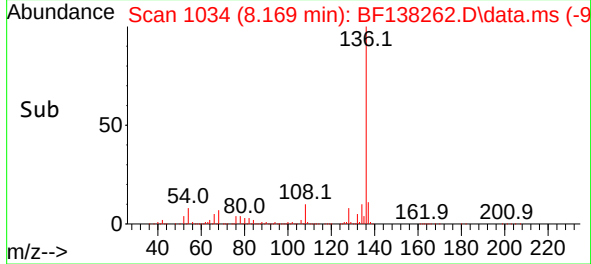
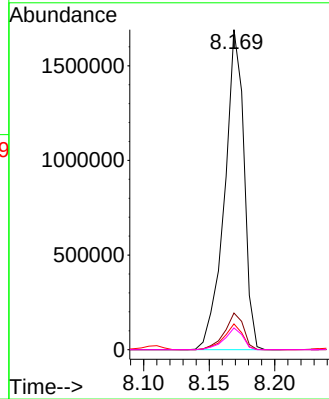
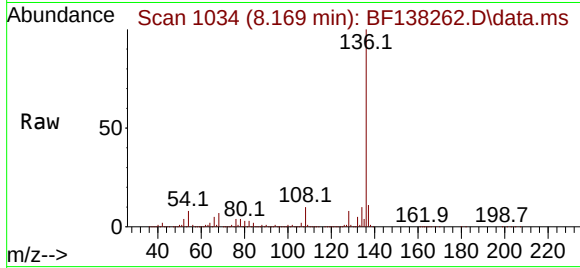




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

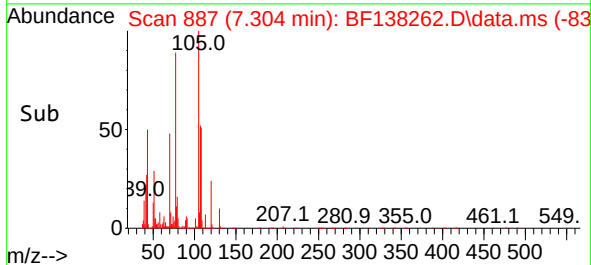
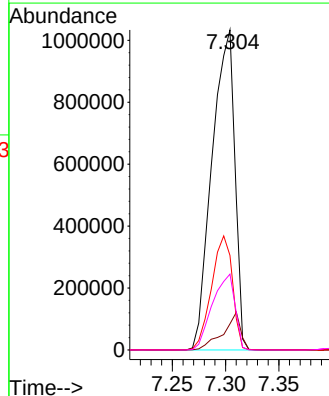
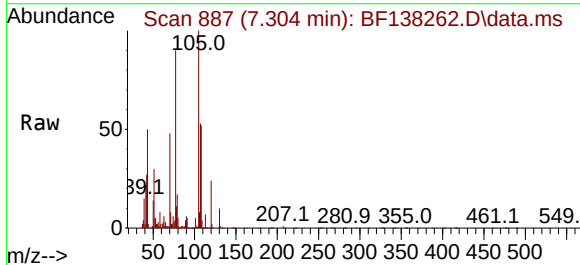
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

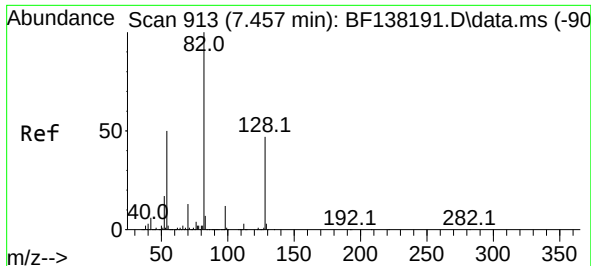
Tgt Ion:136 Resp: 1739204
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.1 6.6 10.0
68 6.8 5.4 8.2



#22
Acetophenone
Concen: 38.716 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:105 Resp: 1538217
Ion Ratio Lower Upper
105 100
71 8.2 5.4 8.2#
51 29.5 21.4 32.0
120 23.7 19.4 29.2





#23

Nitrobenzene-d5

Concen: 78.396 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

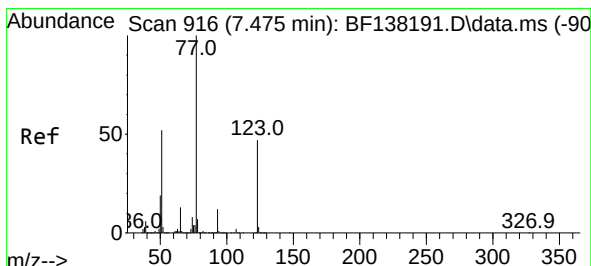
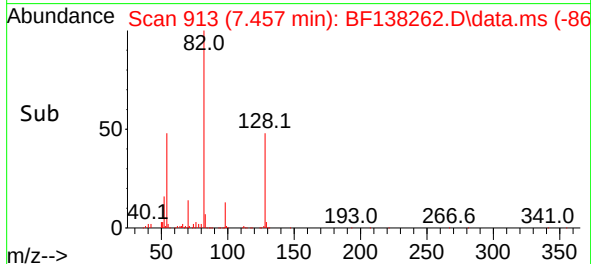
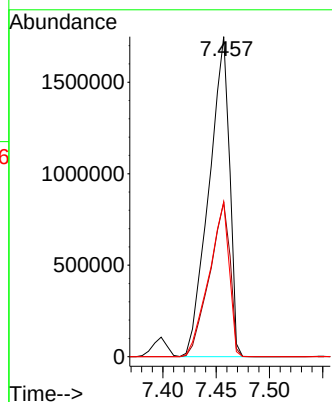
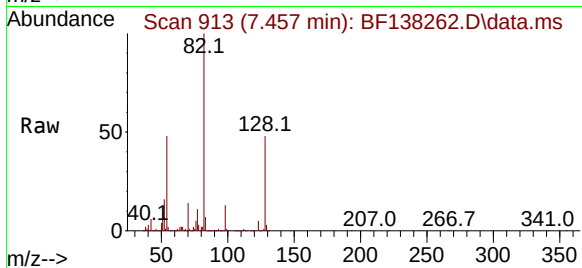
BNA_F

ClientSampleId :

PB161578BSD

Tgt Ion: 82 Resp: 2342058

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.2	55.8
54	48.4	39.8	59.6



#24

Nitrobenzene

Concen: 39.369 ng

RT: 7.475 min Scan# 916

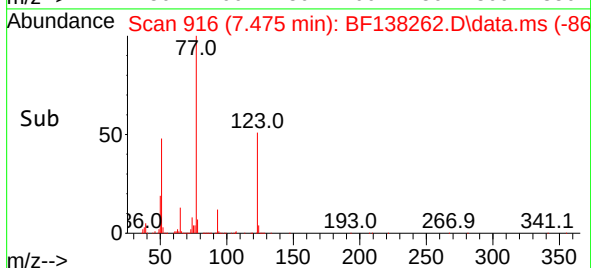
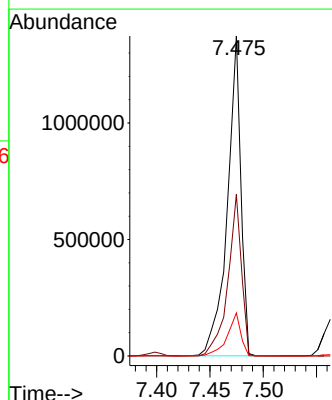
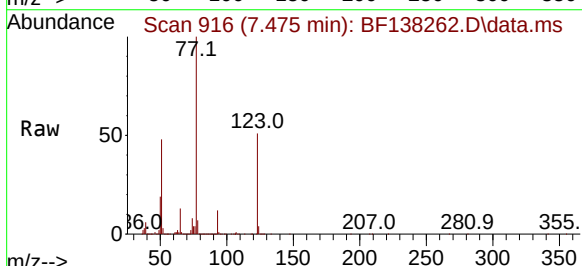
Delta R.T. -0.000 min

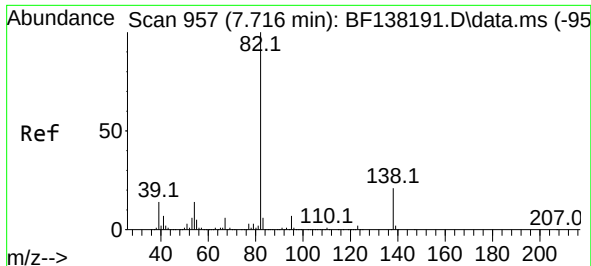
Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Tgt Ion: 77 Resp: 1215604

Ion	Ratio	Lower	Upper
77	100		
123	50.5	37.3	55.9
65	13.5	10.6	15.8

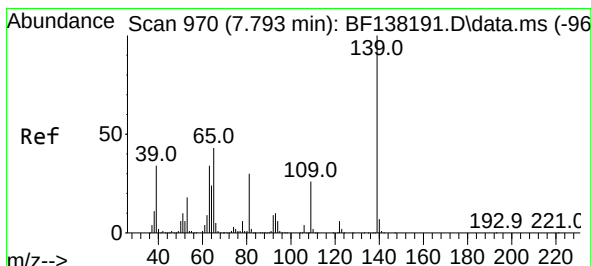
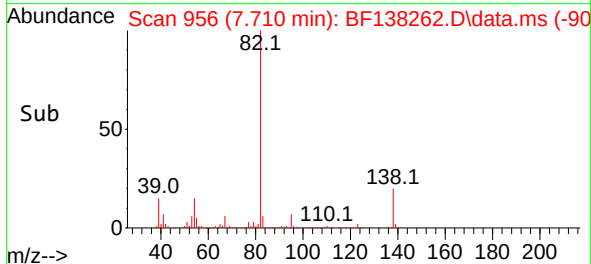
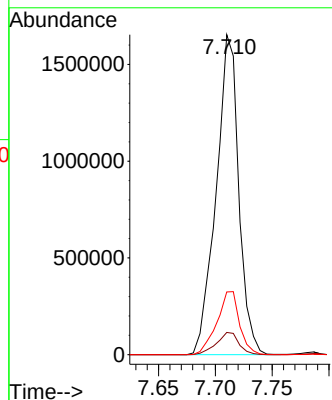
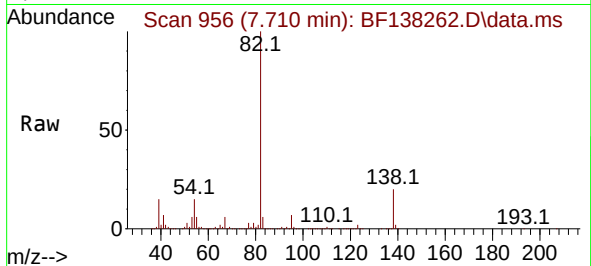




#25
Isophorone
Concen: 42.454 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

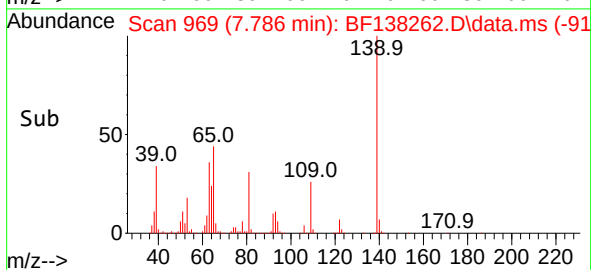
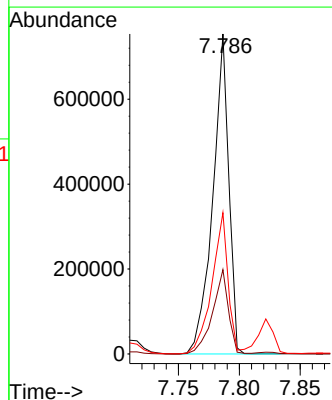
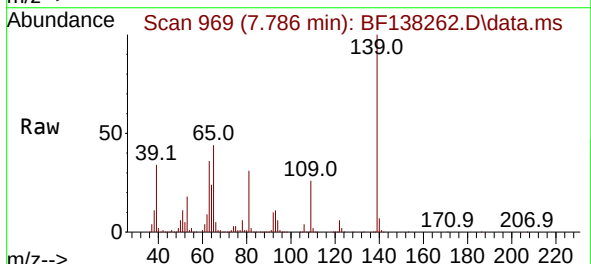
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

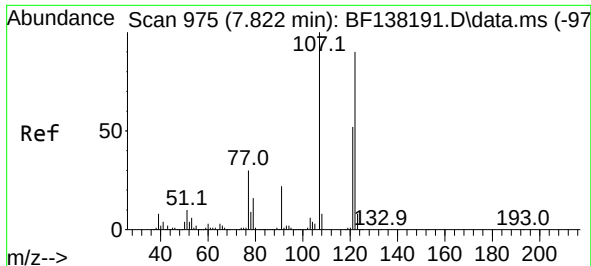
Tgt Ion: 82 Resp: 2294123
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 19.6 16.4 24.6



#26
2-Nitrophenol
Concen: 55.522 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.007 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:139 Resp: 689360
Ion Ratio Lower Upper
139 100
109 26.4 20.7 31.1
65 44.1 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 47.211 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

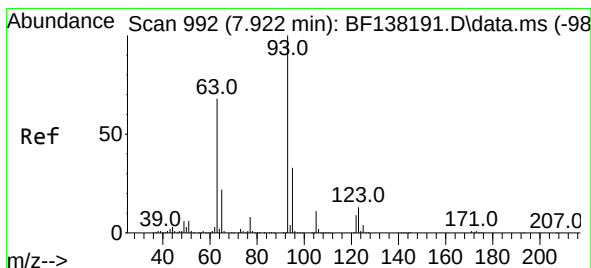
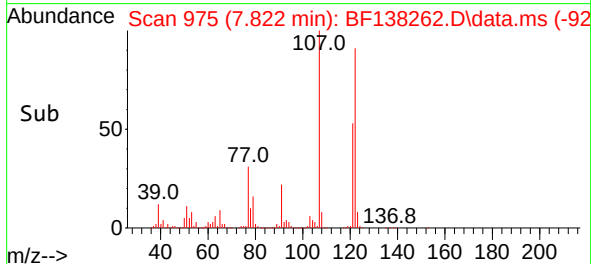
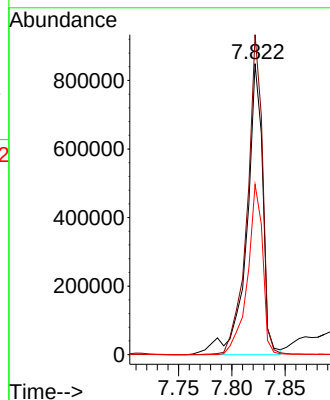
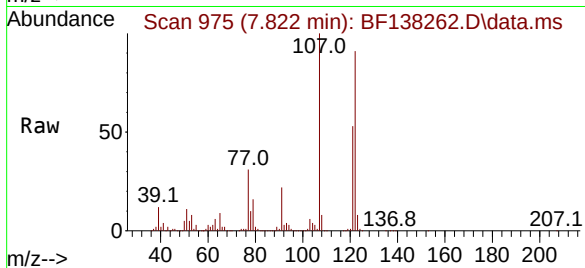
Tgt Ion:122 Resp: 891796

Ion Ratio Lower Upper

122 100

107 109.9 87.7 131.5

121 58.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.521 ng

RT: 7.922 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

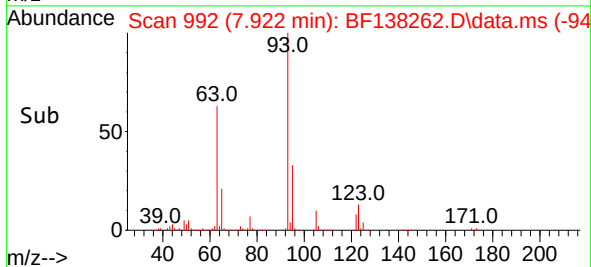
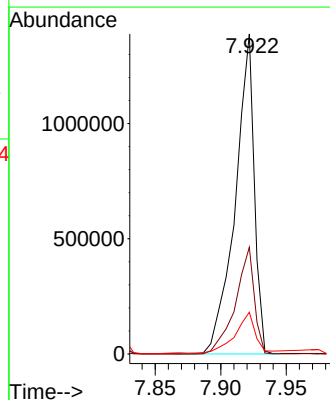
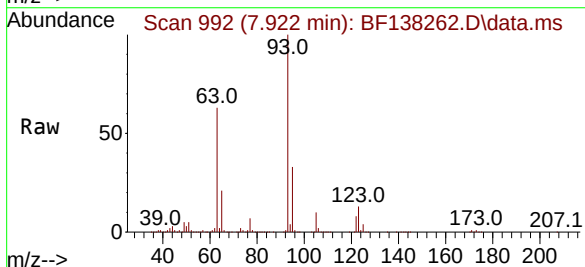
Tgt Ion: 93 Resp: 1404526

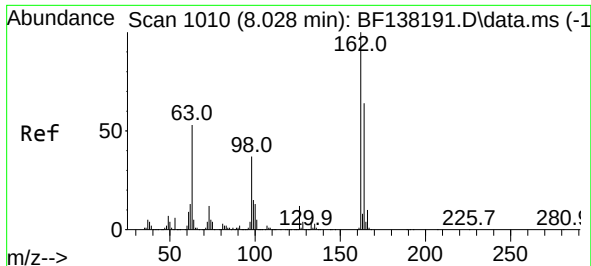
Ion Ratio Lower Upper

93 100

95 33.4 26.6 39.8

123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 42.345 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

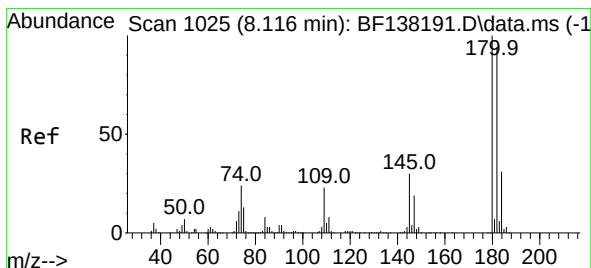
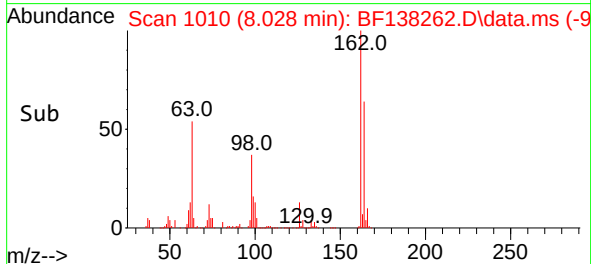
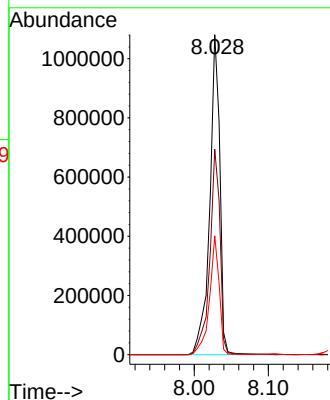
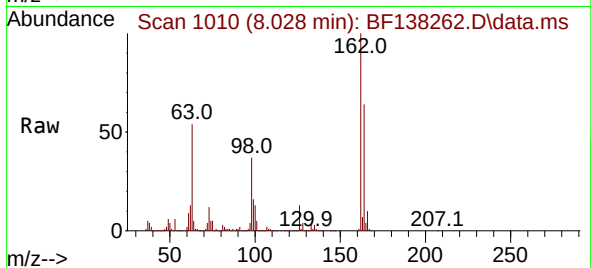
Tgt Ion:162 Resp: 1029813

Ion Ratio Lower Upper

162 100

164 64.2 44.3 84.3

98 37.1 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 39.562 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

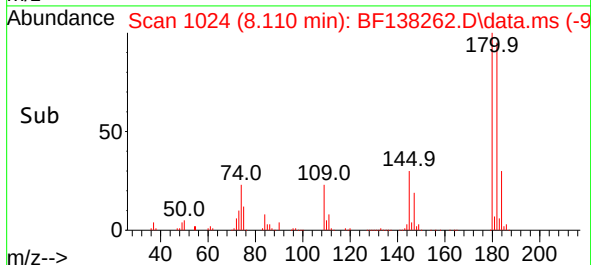
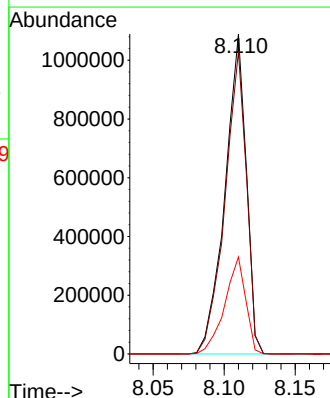
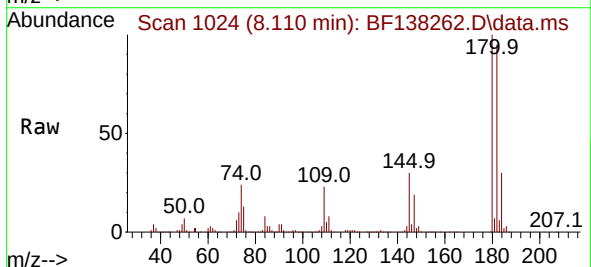
Tgt Ion:180 Resp: 1134656

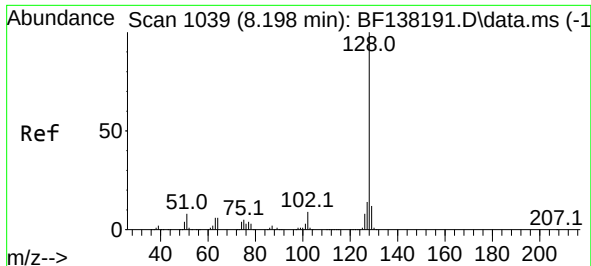
Ion Ratio Lower Upper

180 100

182 94.6 75.0 112.6

145 30.3 23.8 35.6

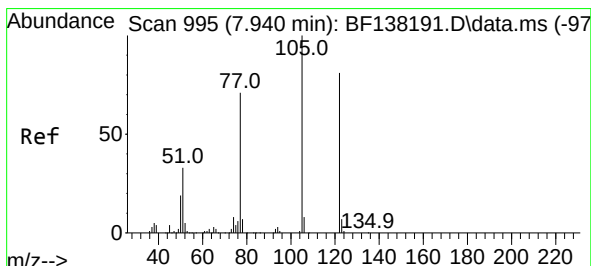
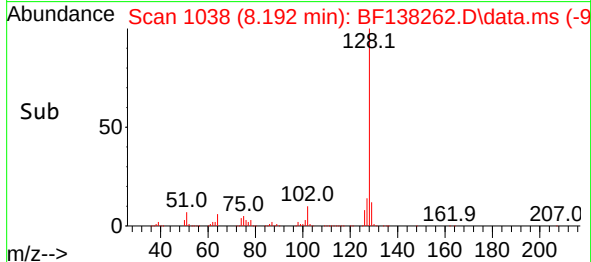
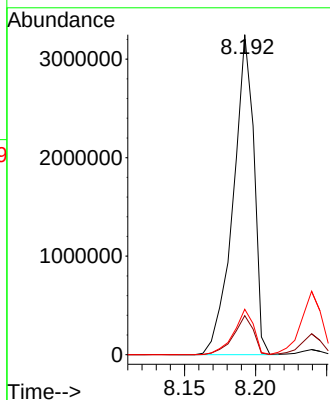
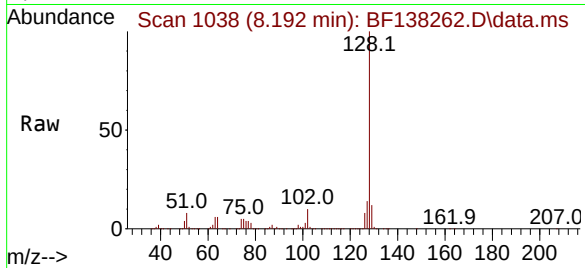




#31
Naphthalene
Concen: 38.268 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

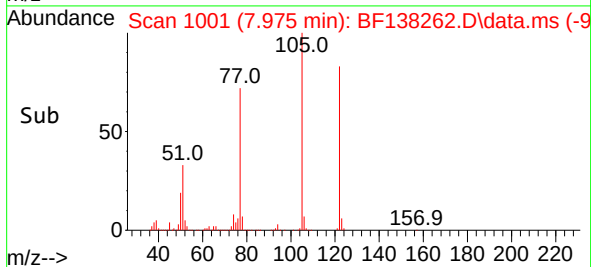
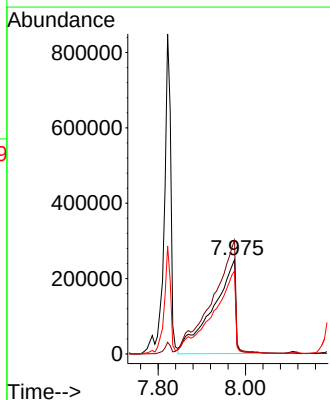
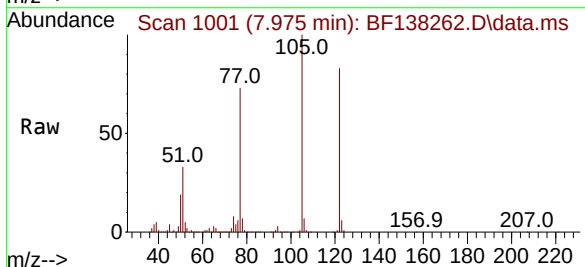
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

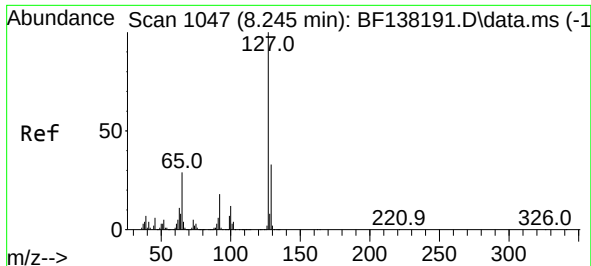
Tgt Ion:128 Resp: 3291019
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 14.2 11.0 16.6



#32
Benzoic acid
Concen: 54.129 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.035 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:122 Resp: 901155
Ion Ratio Lower Upper
122 100
105 120.7 100.1 140.1
77 88.1 66.5 106.5



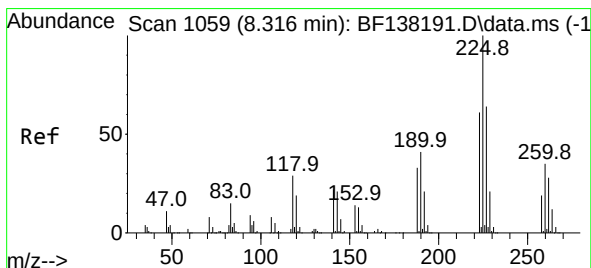
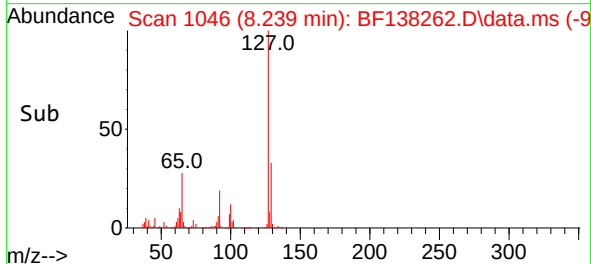
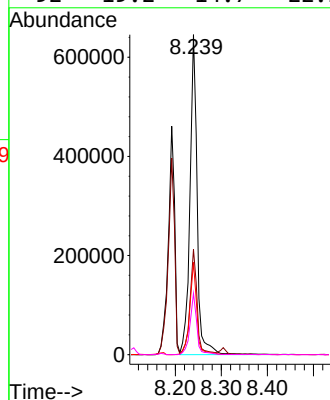
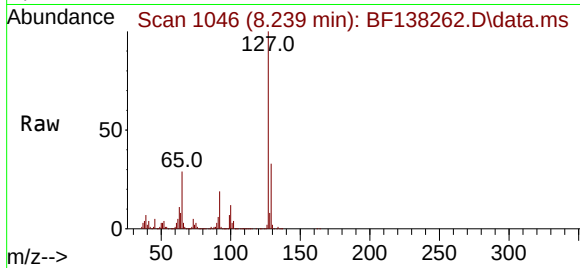


#33
4-Chloroaniline
Concen: 21.869 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Instrument :
BNA_F
ClientSampleId :
PB161578BSD

Tgt Ion:127 Resp: 702929

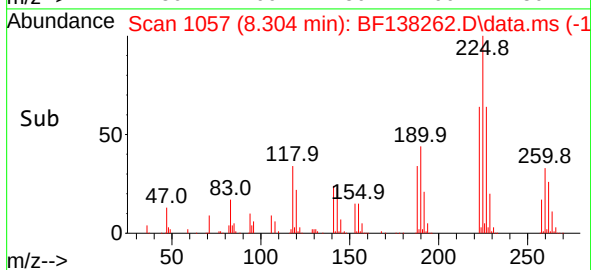
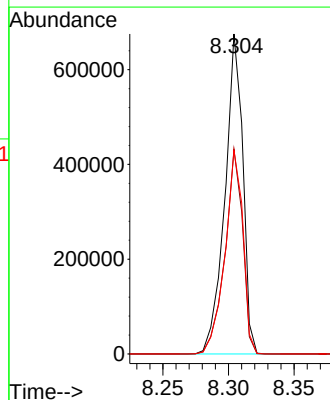
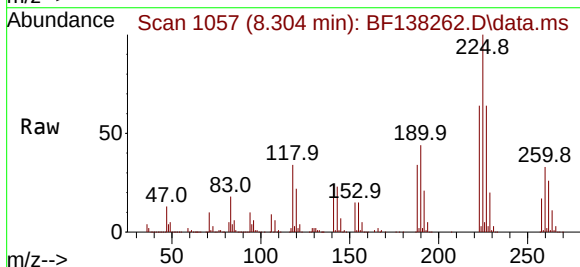
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	28.8	23.6	35.4
92	19.2	14.7	22.1

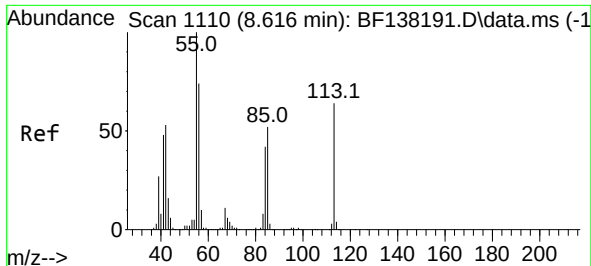


#34
Hexachlorobutadiene
Concen: 38.146 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:225 Resp: 639839

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.0	73.6
227	63.6	51.2	76.8

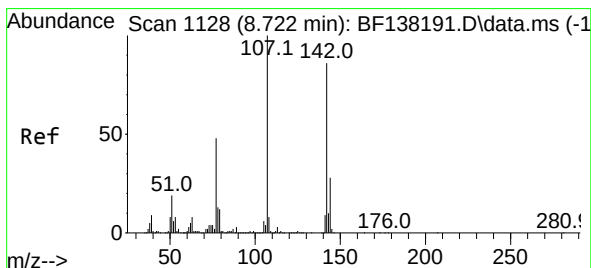
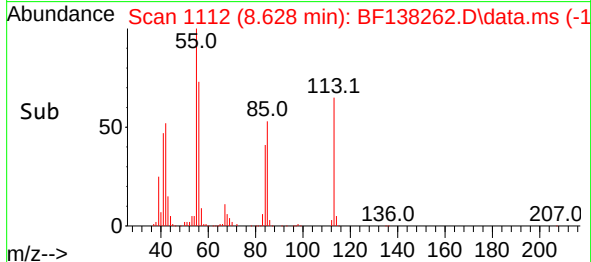
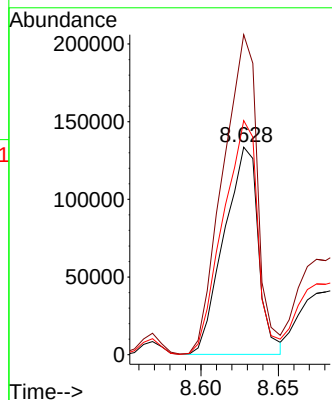
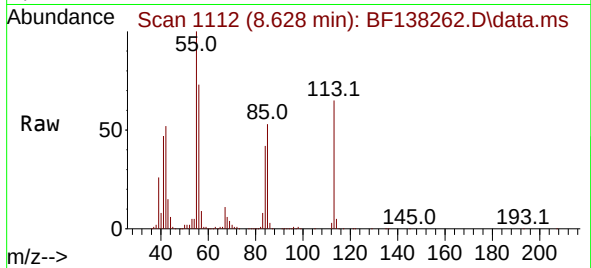




#35
Caprolactam
Concen: 27.954 ng
RT: 8.628 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

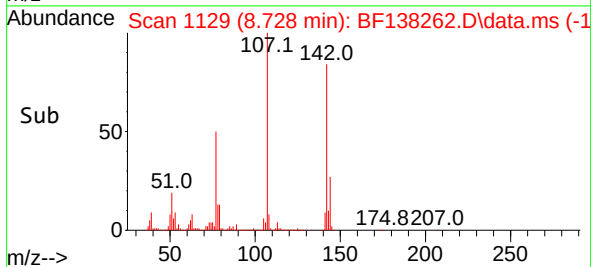
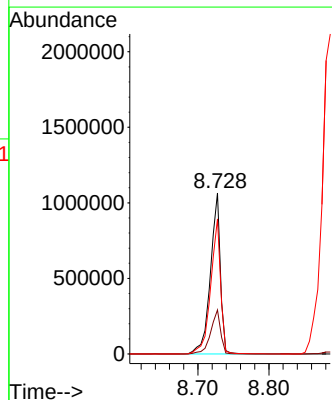
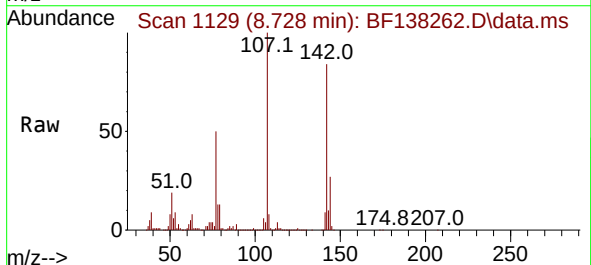
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

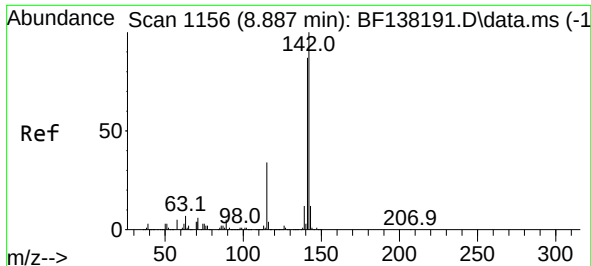
Tgt Ion:113 Resp: 205235
Ion Ratio Lower Upper
113 100
55 154.2 135.4 175.4
56 112.8 95.5 135.5



#36
4-Chloro-3-methylphenol
Concen: 43.088 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:107 Resp: 1043332
Ion Ratio Lower Upper
107 100
144 27.4 22.6 34.0
142 83.9 69.0 103.4

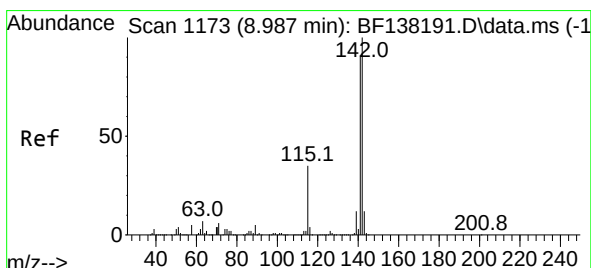
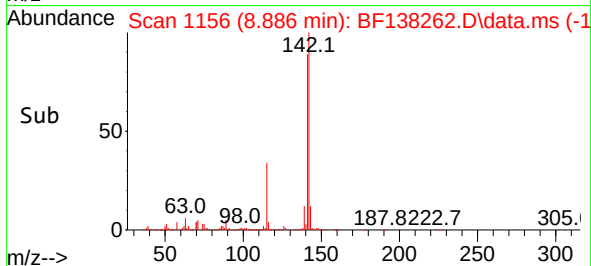
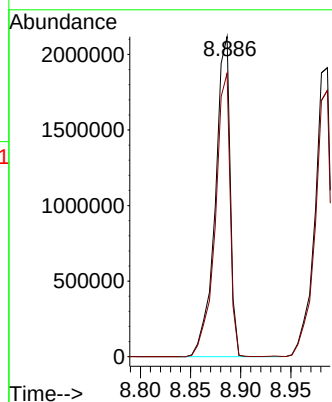
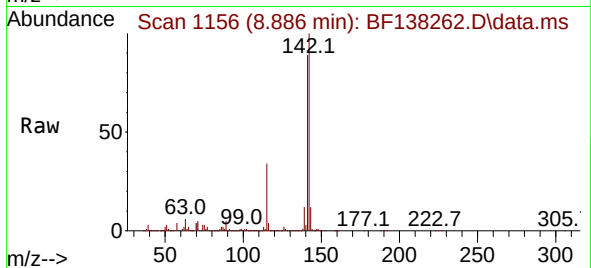




#37
2-Methylnaphthalene
Concen: 38.843 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

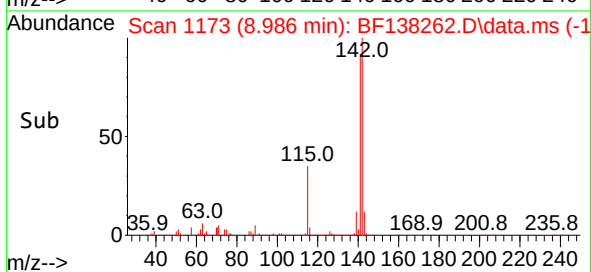
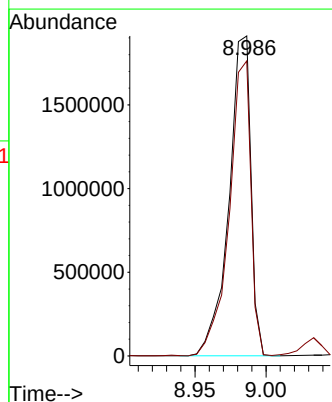
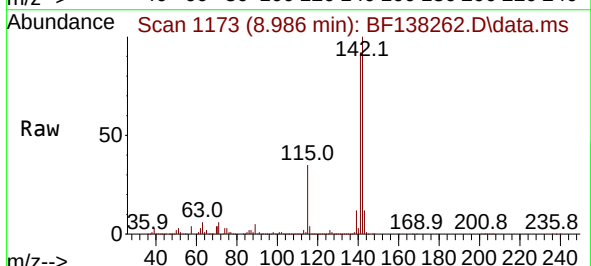
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

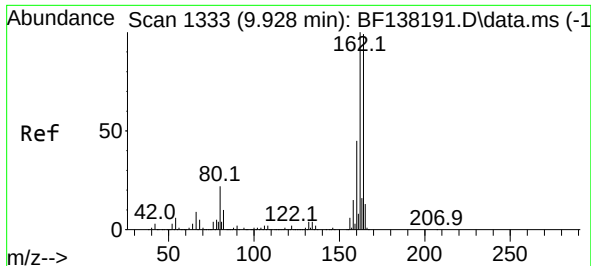
Tgt Ion:142 Resp: 2192315
Ion Ratio Lower Upper
142 100
141 88.5 69.9 104.9



#38
1-Methylnaphthalene
Concen: 37.175 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:142 Resp: 2056129
Ion Ratio Lower Upper
142 100
141 92.2 72.8 109.2

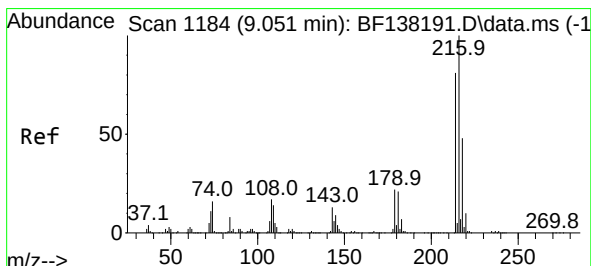
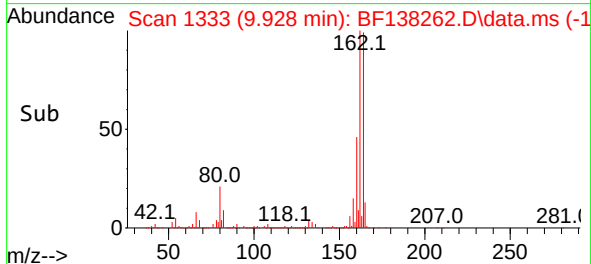
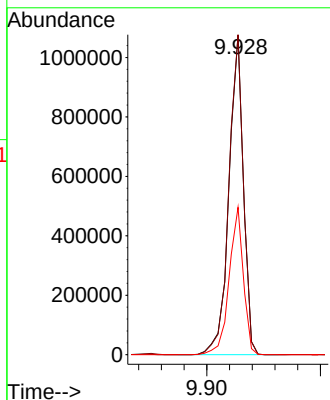
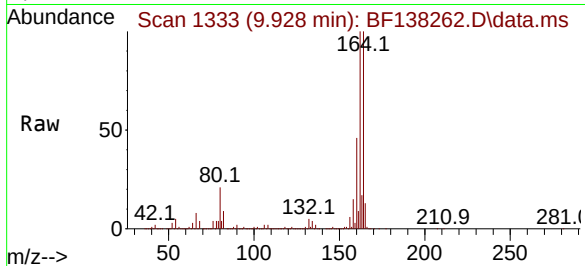




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

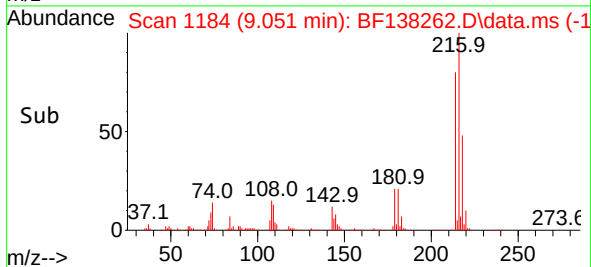
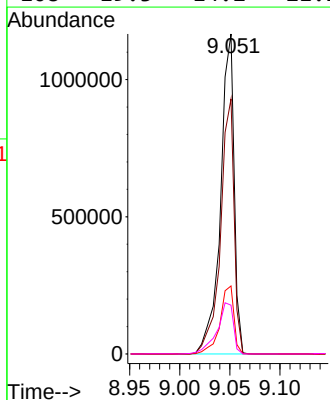
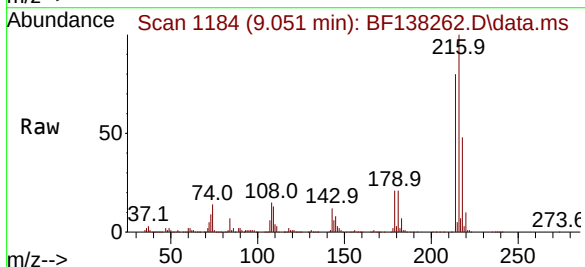
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

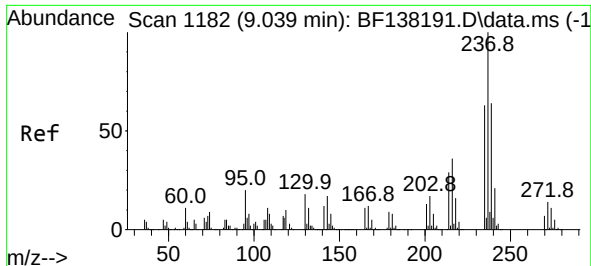
Tgt Ion:164 Resp: 951710
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 46.1 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.469 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:216 Resp: 1097651
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 21.7 16.9 25.3
108 19.3 14.2 21.2

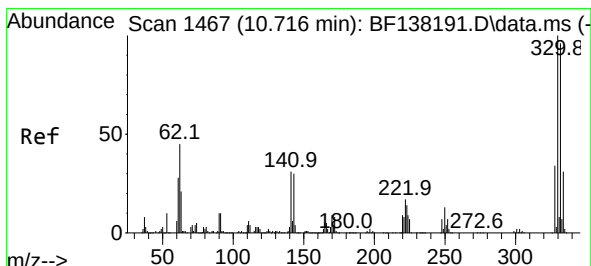
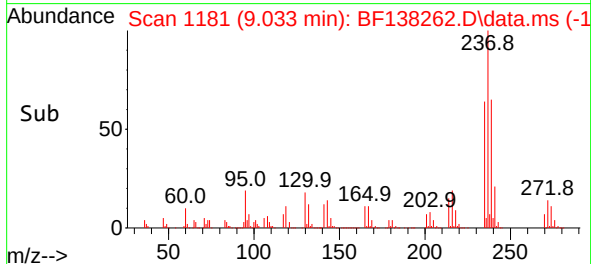
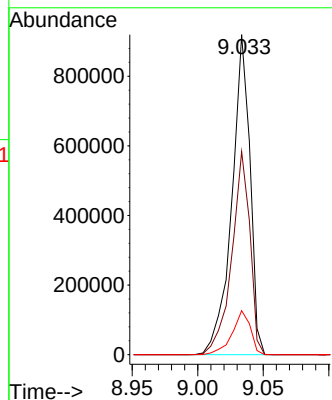
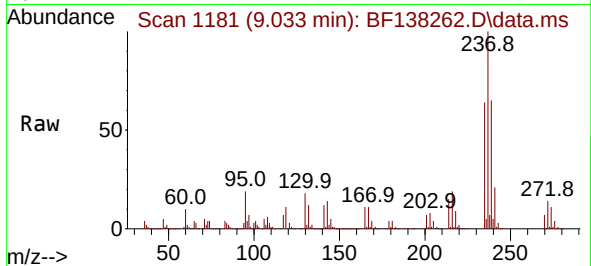




#41
Hexachlorocyclopentadiene
Concen: 97.780 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

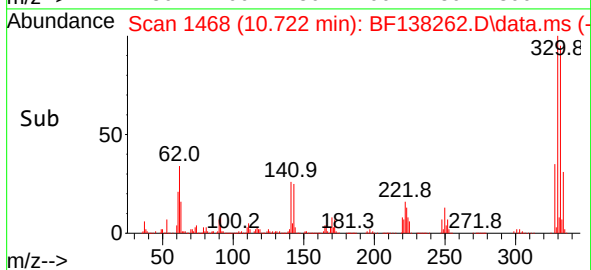
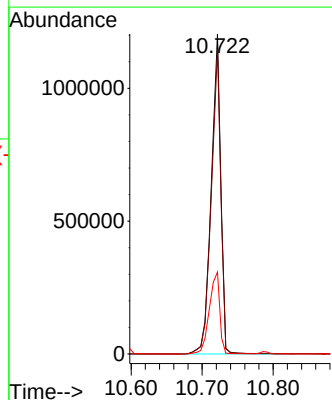
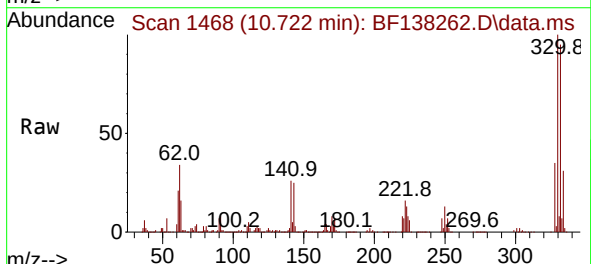
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

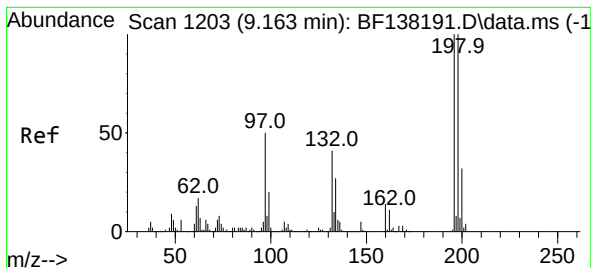
Tgt Ion:237 Resp: 886689
Ion Ratio Lower Upper
237 100
235 63.5 43.3 83.3
272 13.7 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 119.383 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:330 Resp: 1131089
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 27.9 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 44.784 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

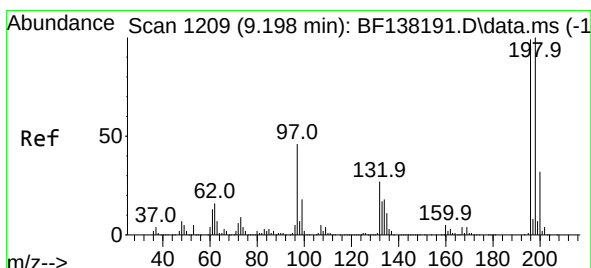
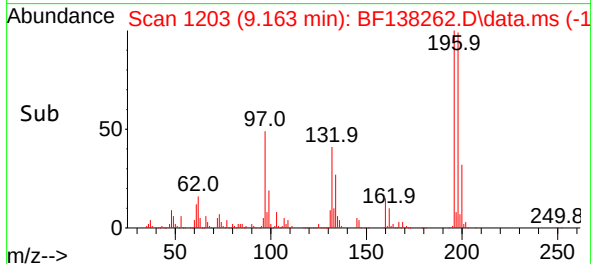
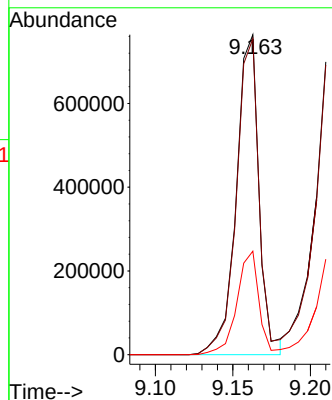
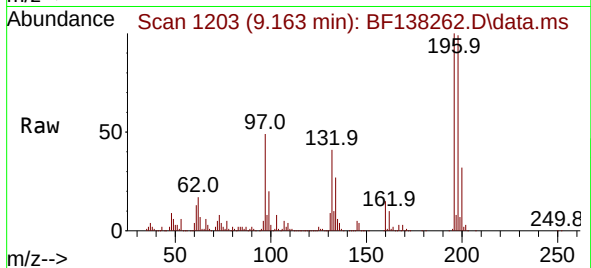
Tgt Ion:196 Resp: 779846

Ion Ratio Lower Upper

196 100

198 98.7 79.8 119.6

200 32.3 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 41.967 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.018 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Tgt Ion:196 Resp: 802551

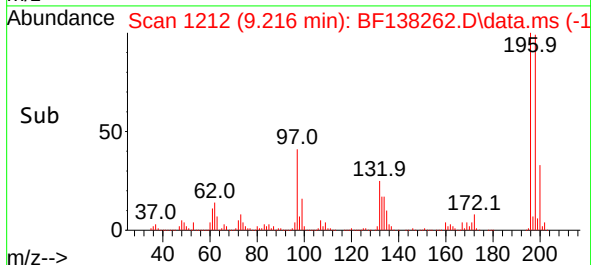
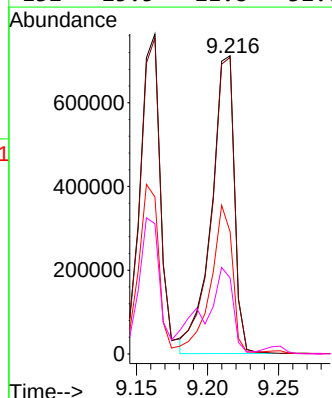
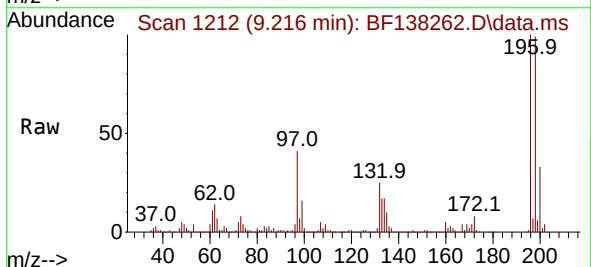
Ion Ratio Lower Upper

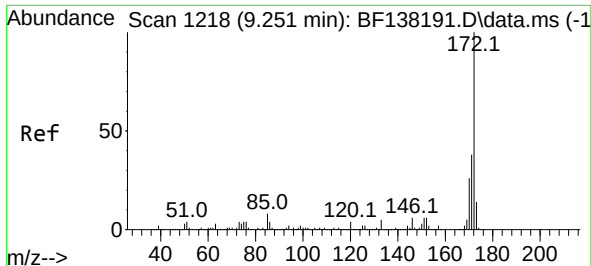
196 100

198 99.5 80.4 120.6

97 40.9 37.4 56.2

132 25.5 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 68.289 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

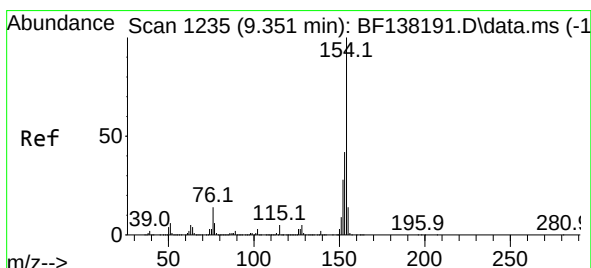
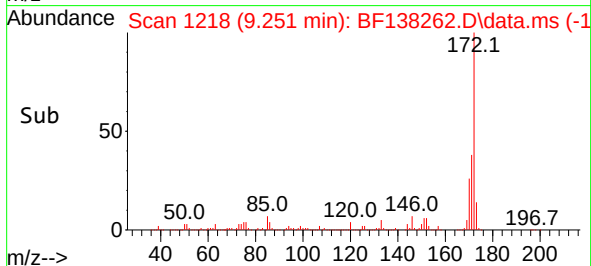
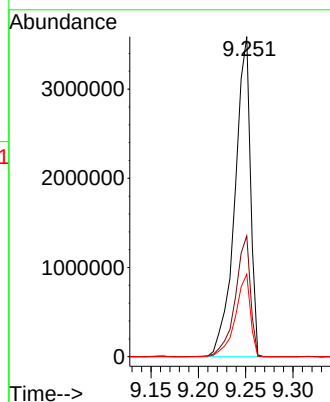
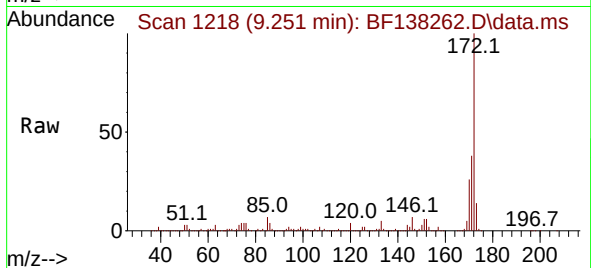
Tgt Ion:172 Resp: 4087142

Ion Ratio Lower Upper

172 100

171 37.8 30.3 45.5

170 25.8 20.6 30.8



#46

1,1'-Biphenyl

Concen: 37.890 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

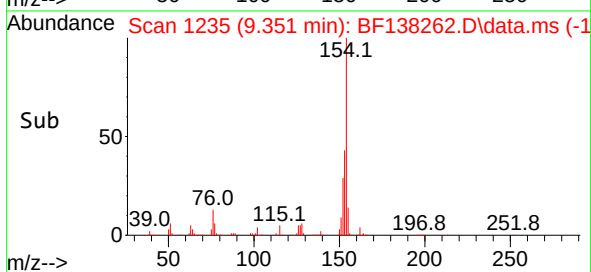
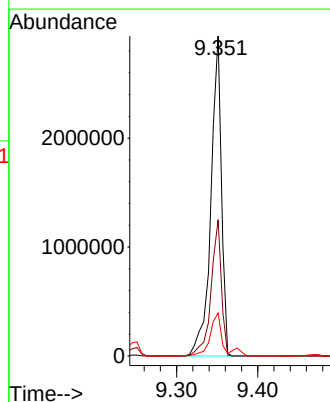
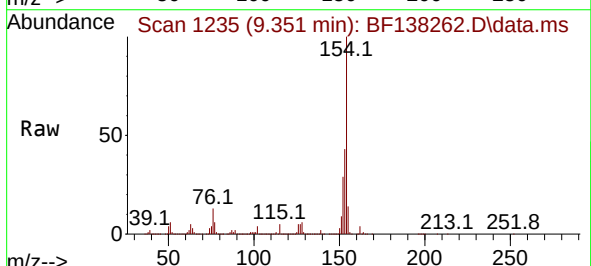
Tgt Ion:154 Resp: 2646075

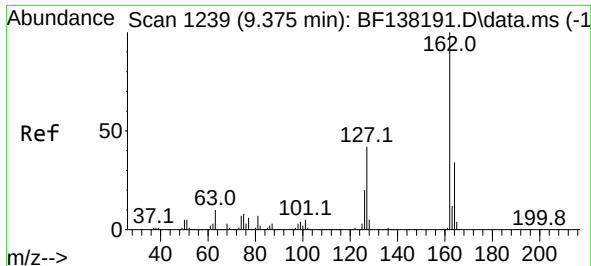
Ion Ratio Lower Upper

154 100

153 42.6 22.1 62.1

76 13.4 0.0 34.3

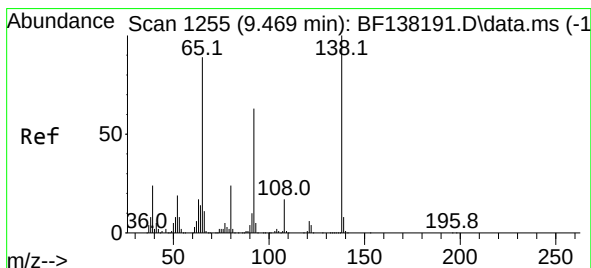
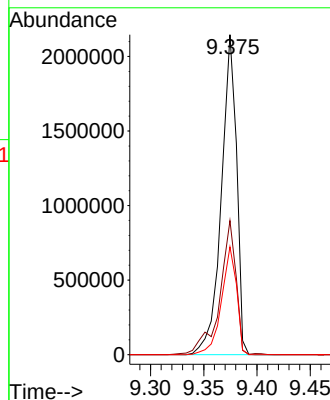
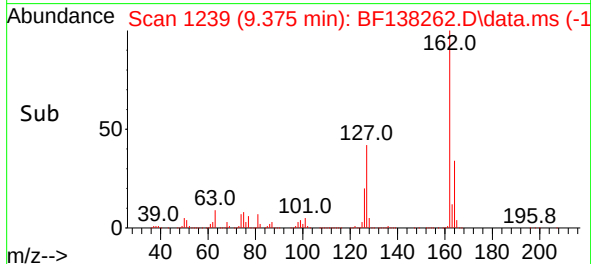
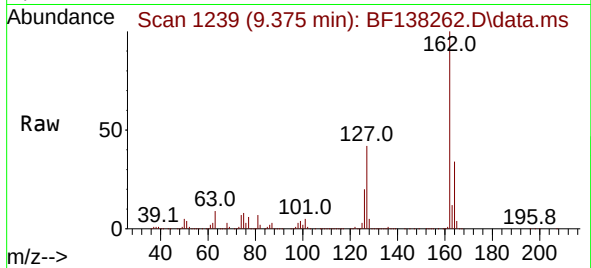




#47
2-Chloronaphthalene
Concen: 38.608 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

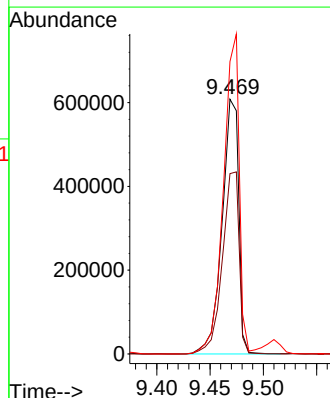
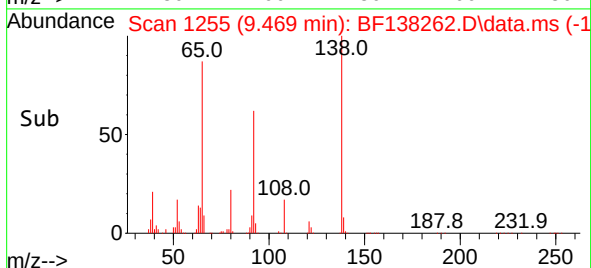
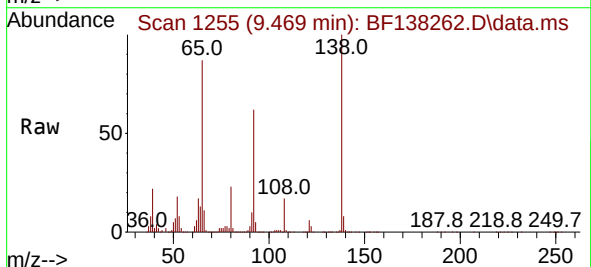
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

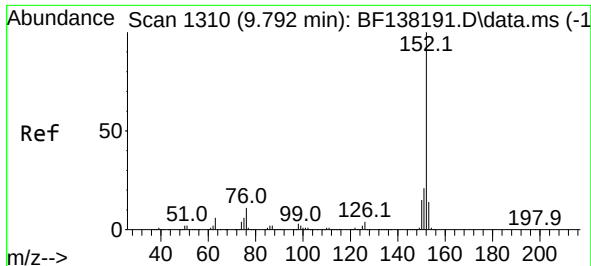
Tgt Ion:162 Resp: 2130846
Ion Ratio Lower Upper
162 100
127 41.9 33.6 50.4
164 33.7 27.2 40.8



#48
2-Nitroaniline
Concen: 49.441 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion: 65 Resp: 657142
Ion Ratio Lower Upper
65 100
92 70.8 56.6 85.0
138 114.8 90.1 135.1

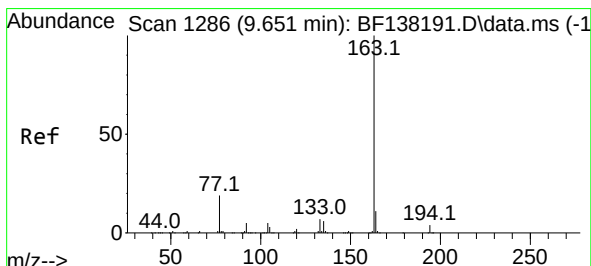
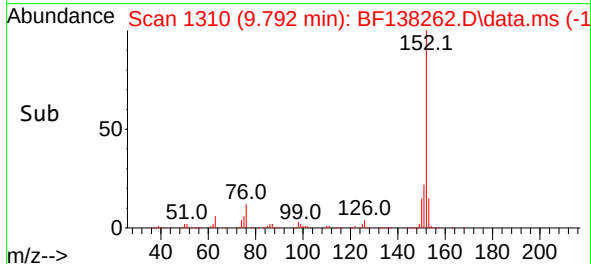
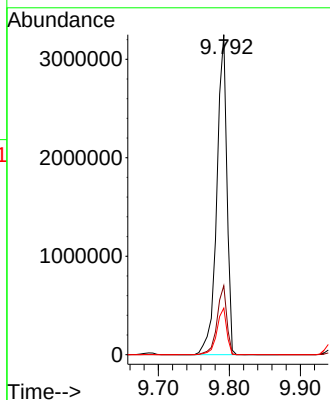
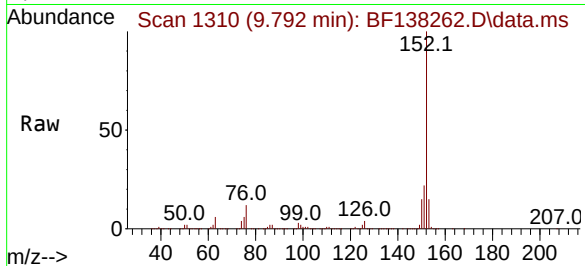




#49
Acenaphthylene
Concen: 41.087 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

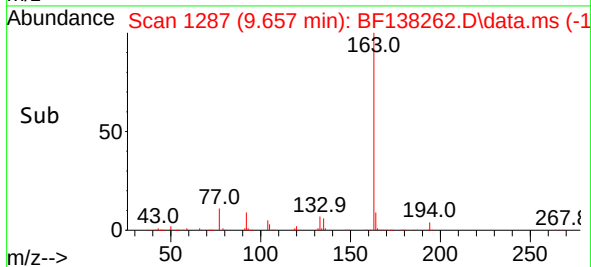
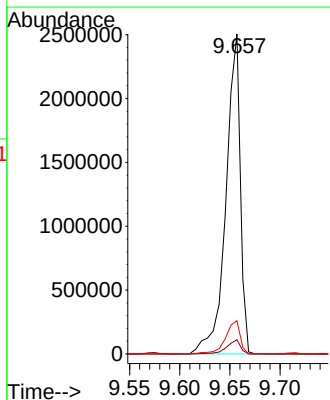
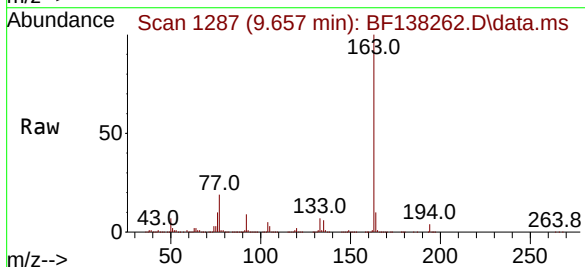
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

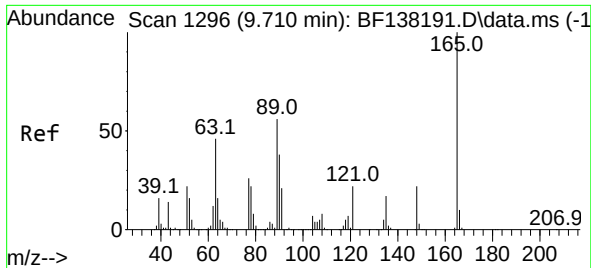
Tgt Ion:152 Resp: 3179744
Ion Ratio Lower Upper
152 100
151 21.6 16.9 25.3
153 14.5 11.4 17.0



#50
Dimethylphthalate
Concen: 42.854 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:163 Resp: 2498913
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.4 8.5 12.7

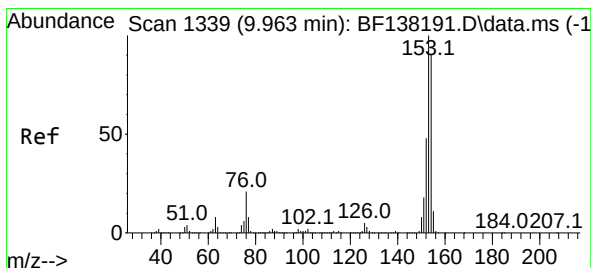
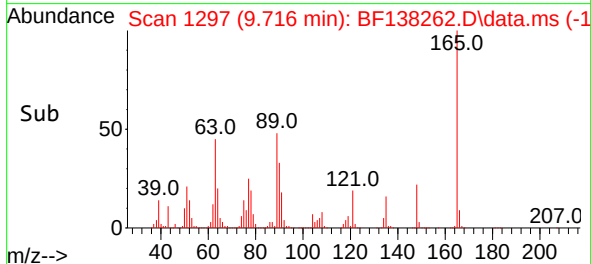
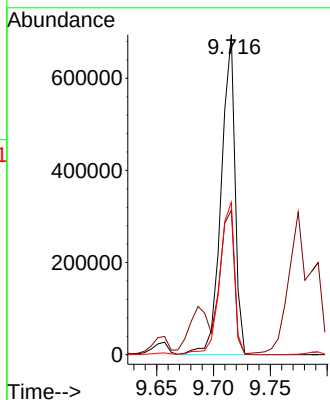
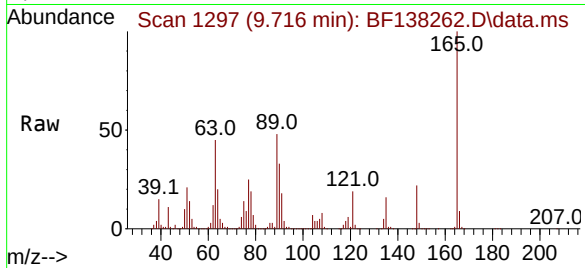




#51
2,6-Dinitrotoluene
Concen: 46.881 ng
RT: 9.716 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

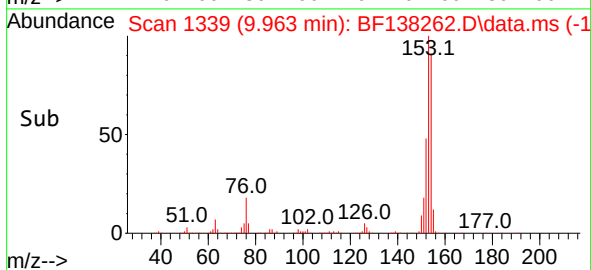
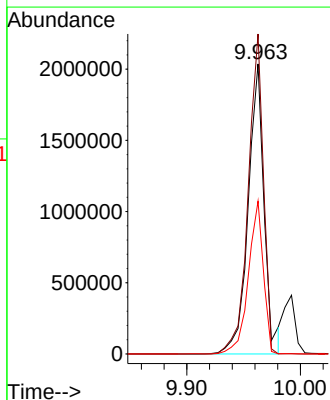
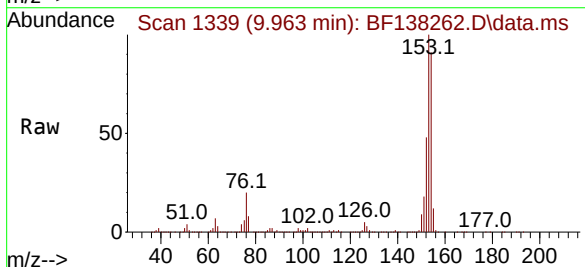
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

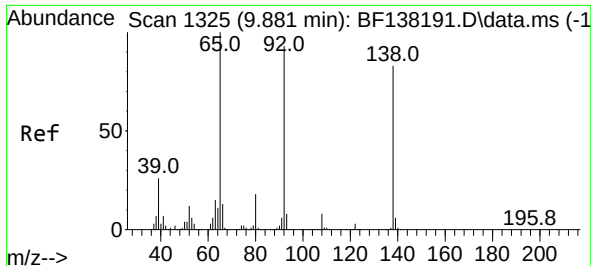
Tgt Ion:165 Resp: 593055
Ion Ratio Lower Upper
165 100
63 45.1 43.7 65.5
89 47.6 44.9 67.3



#52
Acenaphthene
Concen: 37.744 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:154 Resp: 1991892
Ion Ratio Lower Upper
154 100
153 110.3 89.1 133.7
152 52.7 42.4 63.6

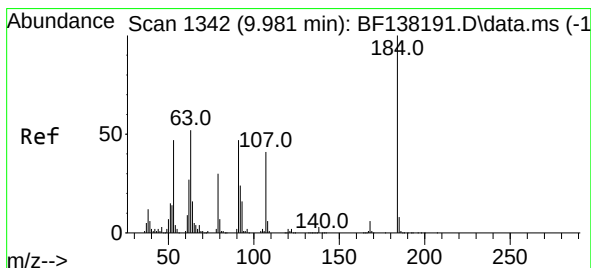
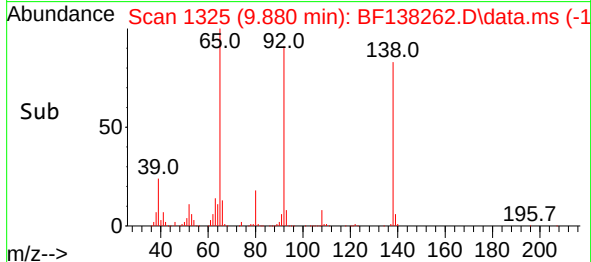
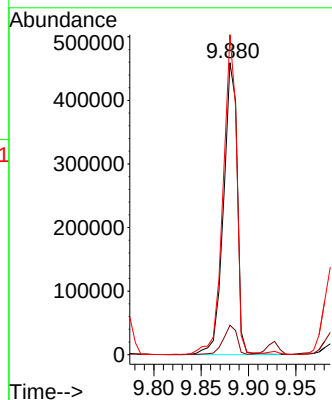
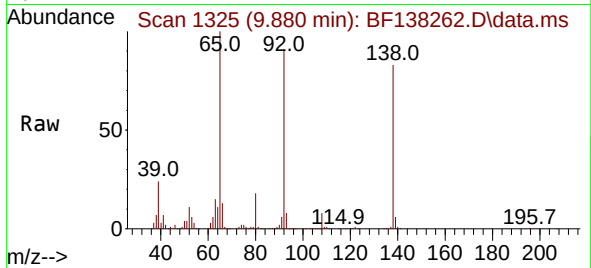




#53
3-Nitroaniline
Concen: 34.347 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

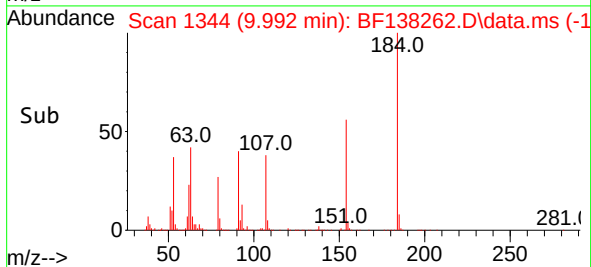
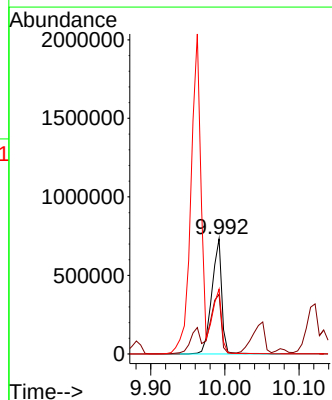
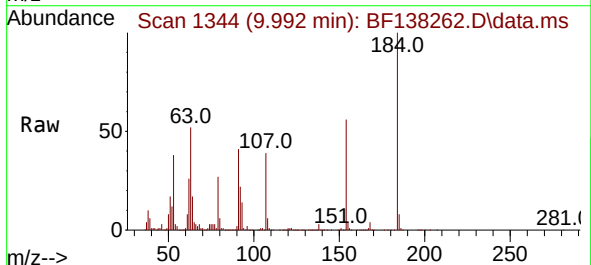
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

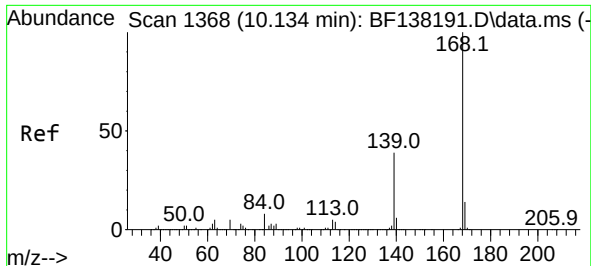
Tgt Ion:138 Resp: 464171
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 109.6 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 98.185 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:184 Resp: 685995
Ion Ratio Lower Upper
184 100
63 51.7 49.2 73.8
154 56.2 46.7 70.1

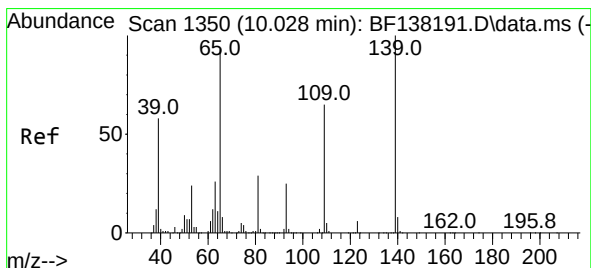
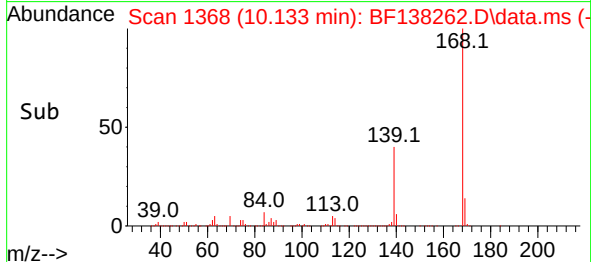
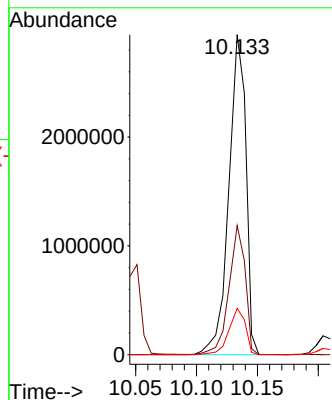
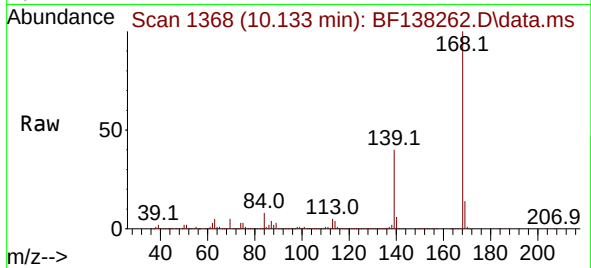




#55
Dibenzofuran
Concen: 38.950 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

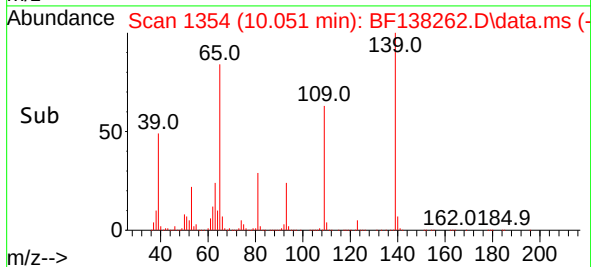
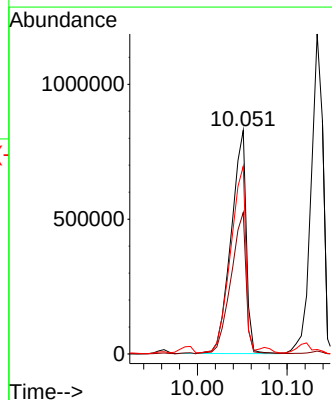
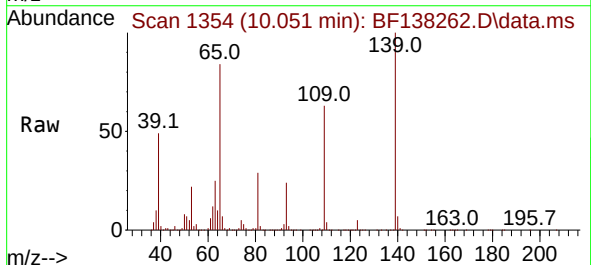
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

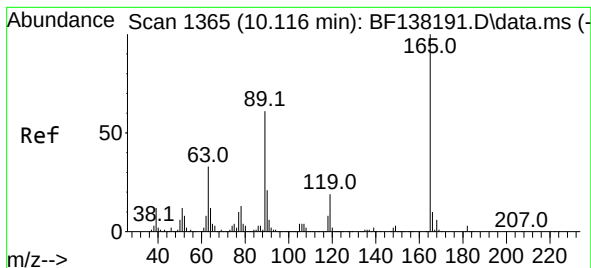
Tgt Ion:168 Resp: 2873468
Ion Ratio Lower Upper
168 100
139 40.3 31.0 46.4
169 14.5 11.4 17.0



#56
4-Nitrophenol
Concen: 90.653 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.023 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:139 Resp: 968134
Ion Ratio Lower Upper
139 100
109 63.3 44.6 84.6
65 84.0 73.1 113.1

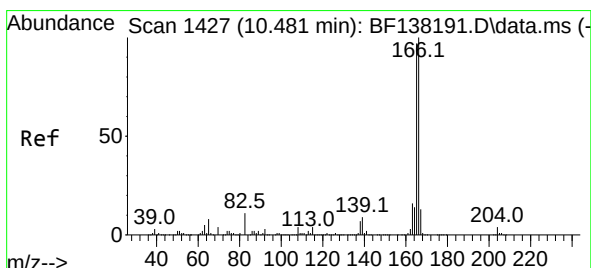
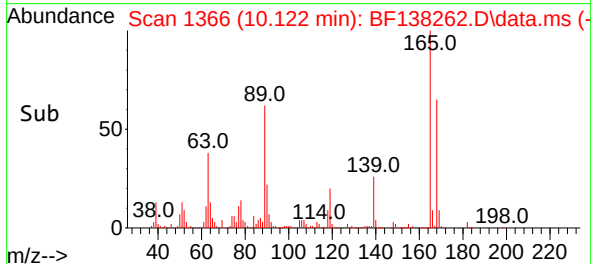
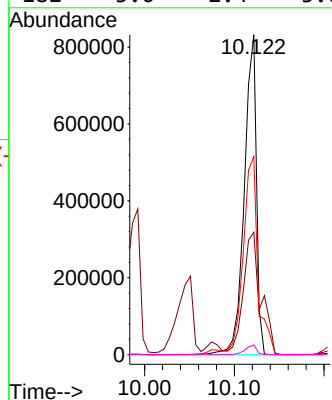
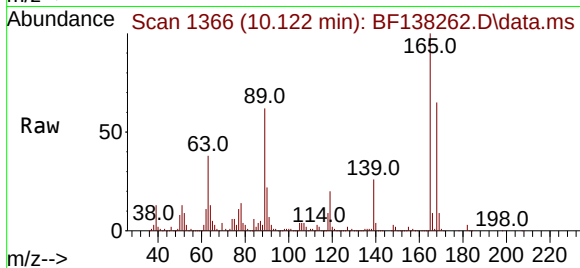




#57
2,4-Dinitrotoluene
Concen: 50.036 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

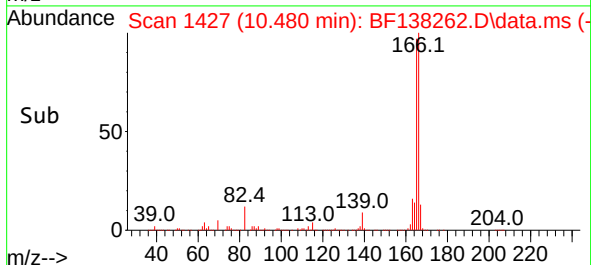
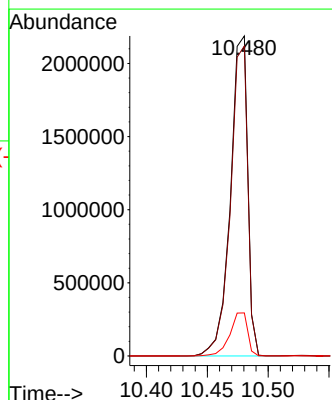
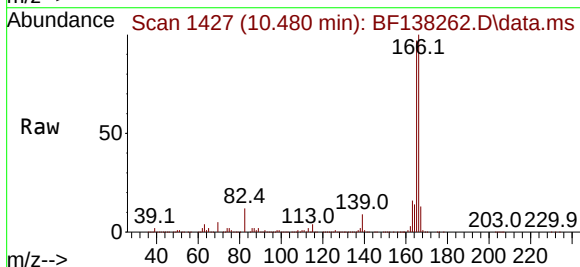
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

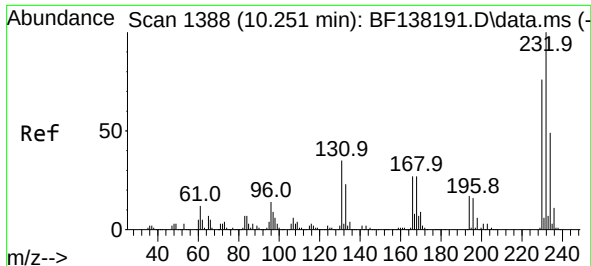
Tgt Ion:165 Resp: 780698
Ion Ratio Lower Upper
165 100
63 38.3 26.6 39.8
89 61.9 48.7 73.1
182 3.0 2.4 3.6



#58
Fluorene
Concen: 37.364 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:166 Resp: 2167280
Ion Ratio Lower Upper
166 100
165 96.9 77.9 116.9
167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.129 ng

RT: 10.251 min Scan# 1388

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

Tgt Ion:232 Resp: 659517

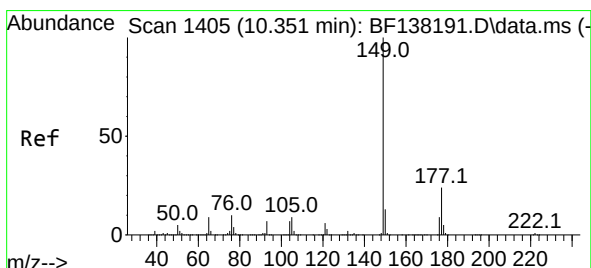
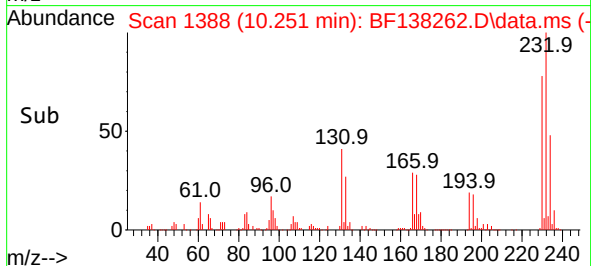
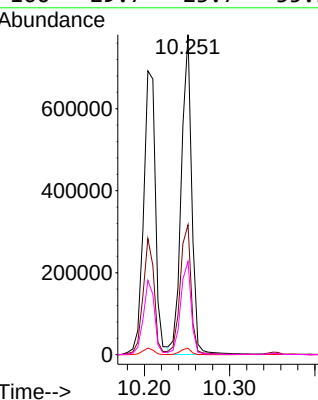
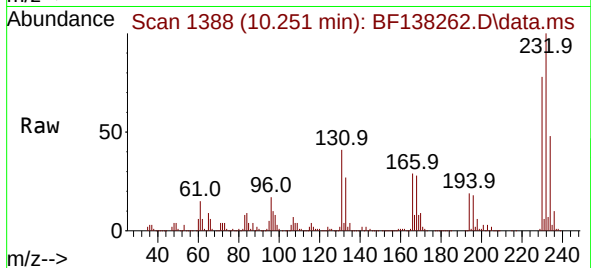
Ion Ratio Lower Upper

232 100

131 42.9 33.6 50.4

130 2.1 1.7 2.5

166 29.7 23.7 35.5



#60

Diethylphthalate

Concen: 42.931 ng

RT: 10.351 min Scan# 1405

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

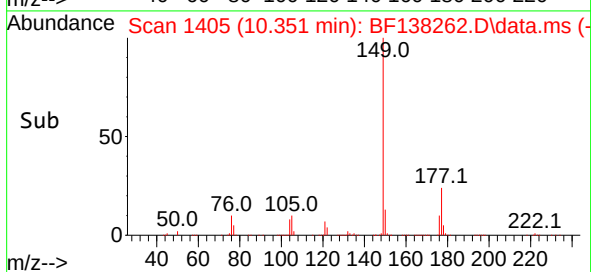
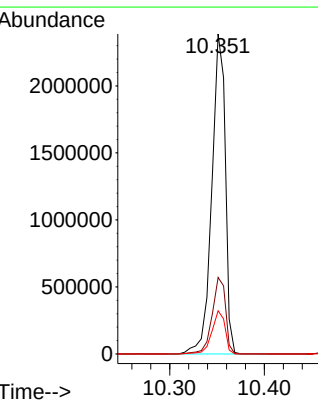
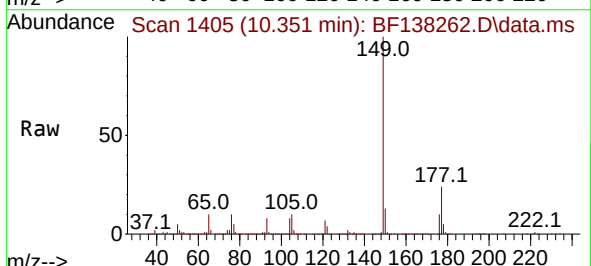
Tgt Ion:149 Resp: 2375924

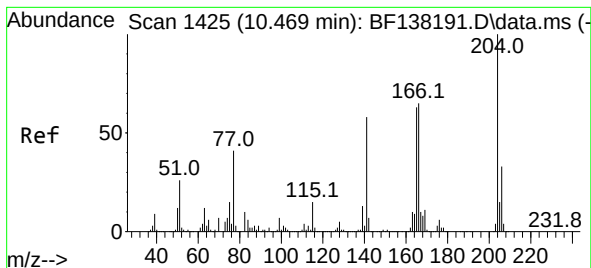
Ion Ratio Lower Upper

149 100

177 23.9 19.4 29.0

150 13.5 10.2 15.4

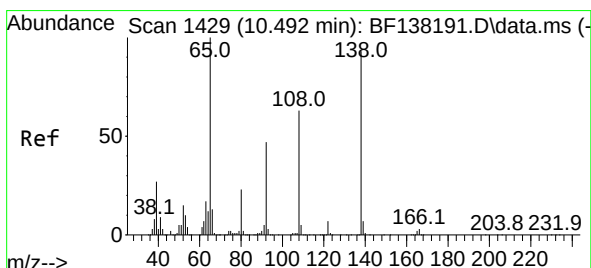
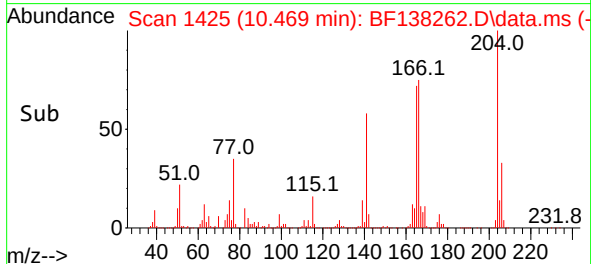
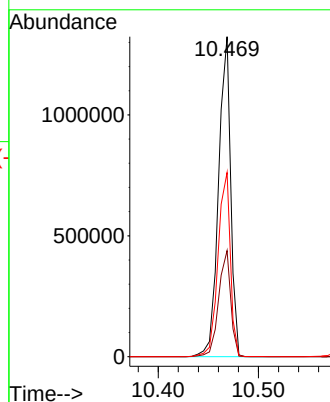
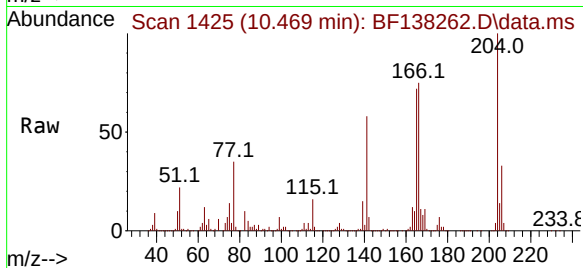




#61
4-Chlorophenyl-phenylether
Concen: 38.460 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

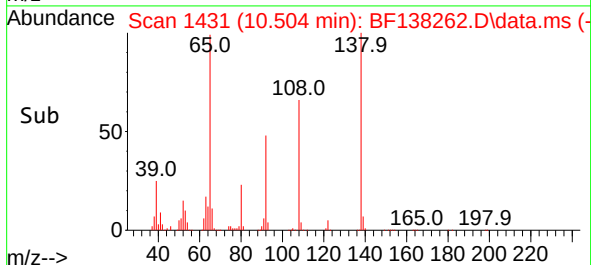
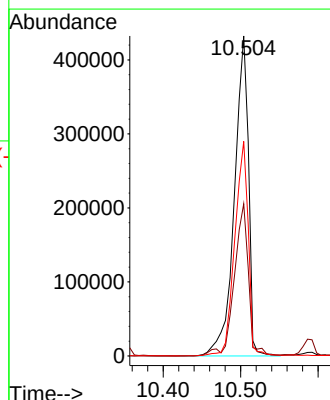
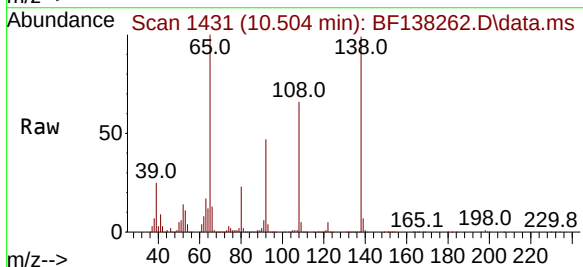
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

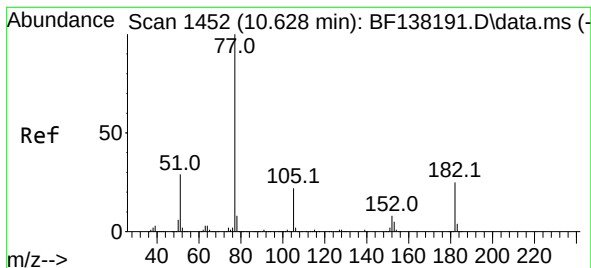
Tgt Ion:204 Resp: 1111054
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 57.5 46.3 69.5



#62
4-Nitroaniline
Concen: 40.658 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:138 Resp: 548991
Ion Ratio Lower Upper
138 100
92 47.6 30.9 70.9
108 67.1 47.8 87.8





#63

Azobenzene

Concen: 40.581 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.001 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

Tgt Ion: 77 Resp: 2250062

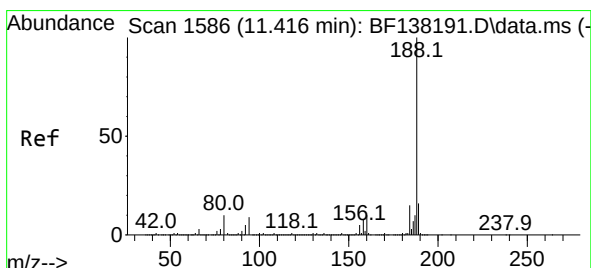
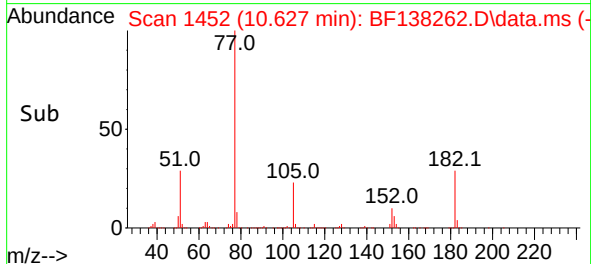
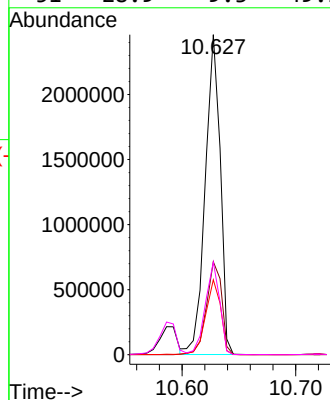
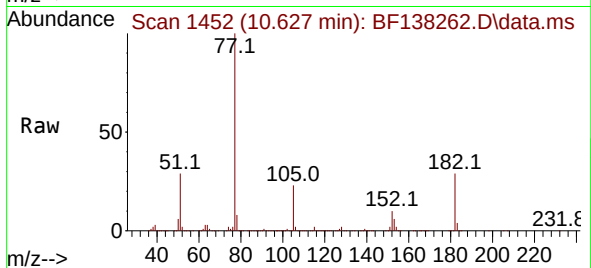
Ion Ratio Lower Upper

77 100

182 29.1 5.5 45.5

105 23.4 1.8 41.8

51 28.9 9.3 49.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

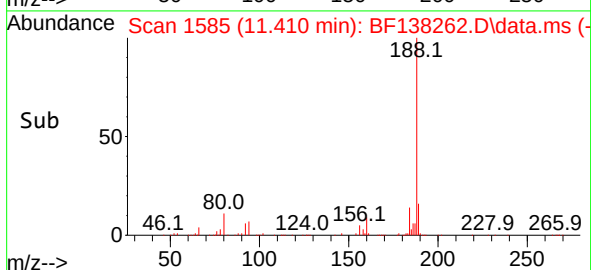
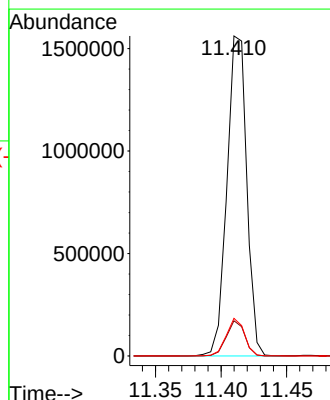
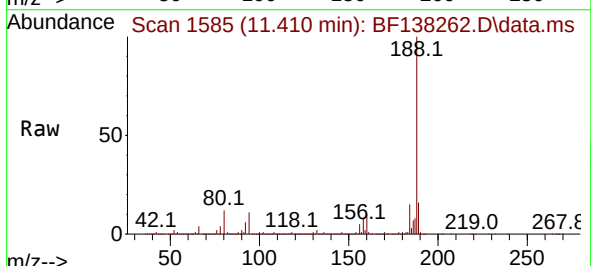
Tgt Ion: 188 Resp: 1639545

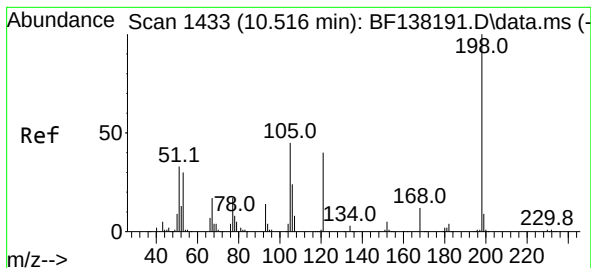
Ion Ratio Lower Upper

188 100

94 11.0 7.6 11.4

80 11.8 8.1 12.1

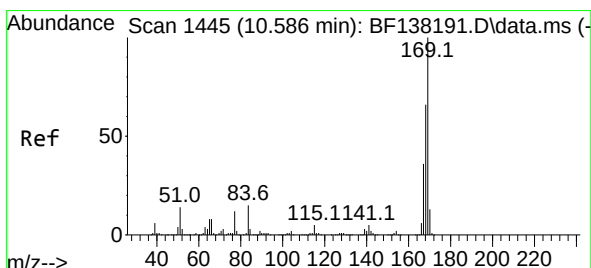
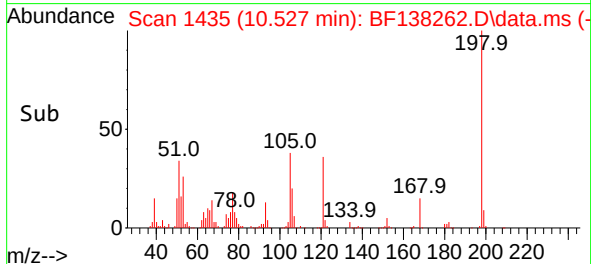
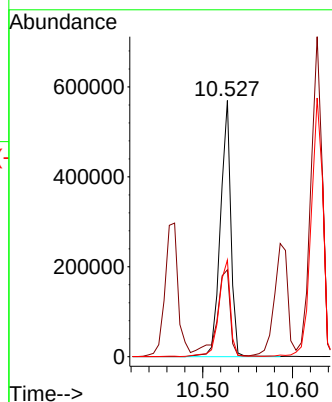
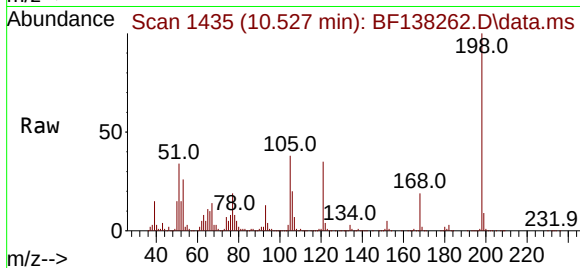




#65
4,6-Dinitro-2-methylphenol
Concen: 54.033 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.011 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

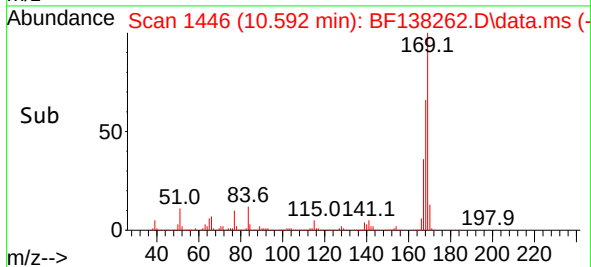
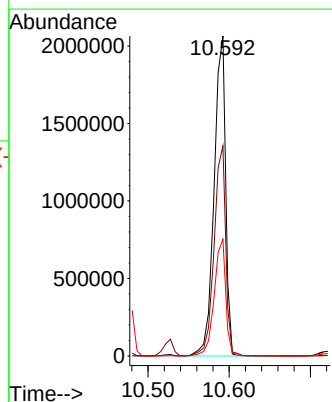
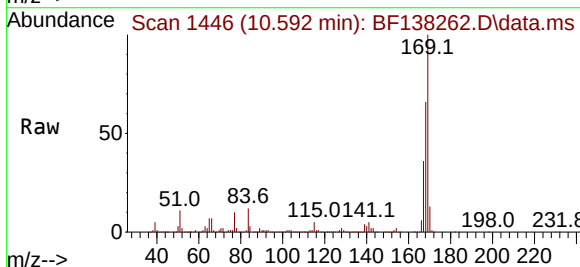
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

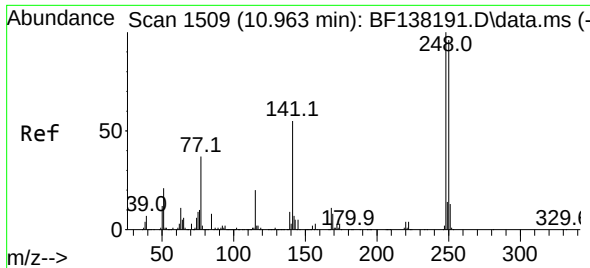
Tgt Ion:198 Resp: 459925
Ion Ratio Lower Upper
198 100
51 33.9 26.9 66.9
105 37.7 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 40.368 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:169 Resp: 2026273
Ion Ratio Lower Upper
169 100
168 65.6 52.9 79.3
167 36.5 29.0 43.6

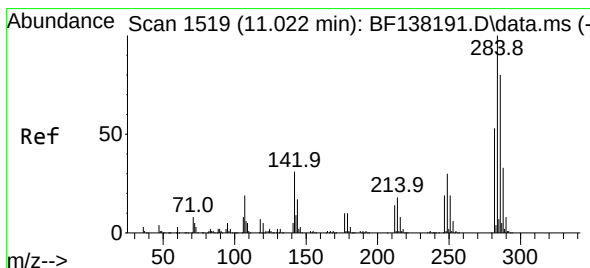
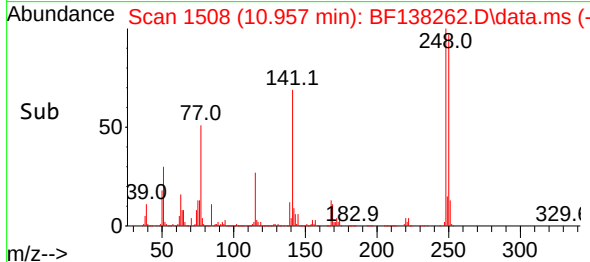
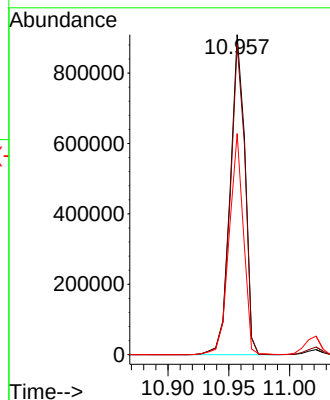
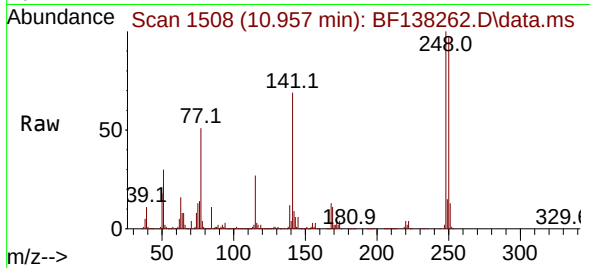




#67
4-Bromophenyl-phenylether
Concen: 41.594 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

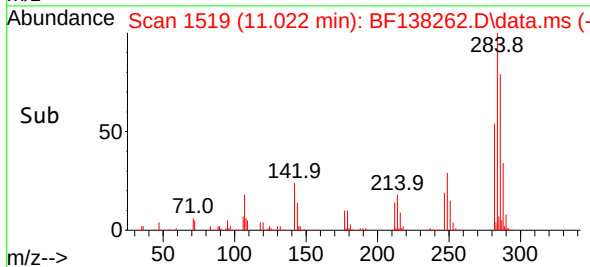
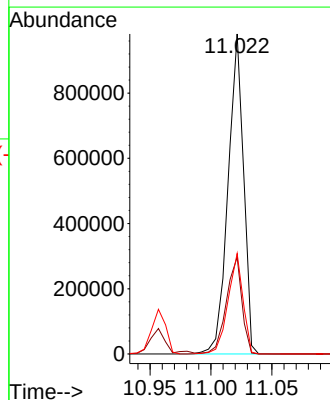
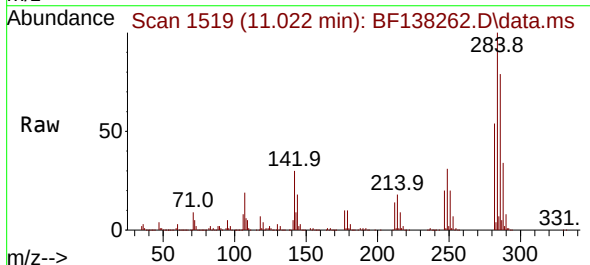
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

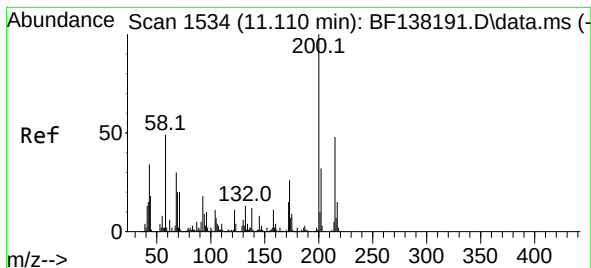
Tgt Ion:248 Resp: 768441
Ion Ratio Lower Upper
248 100
250 96.9 77.2 115.8
141 69.1 44.1 66.1#



#68
Hexachlorobenzene
Concen: 40.354 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:284 Resp: 870049
Ion Ratio Lower Upper
284 100
142 30.3 24.8 37.2
249 31.4 23.8 35.6





#69

Atrazine

Concen: 46.323 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

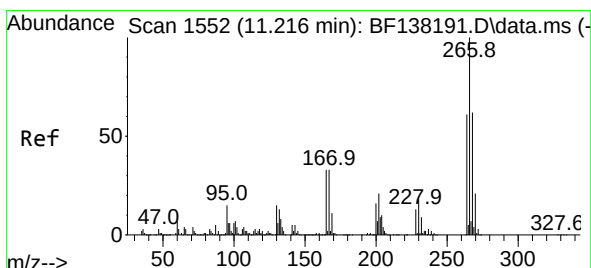
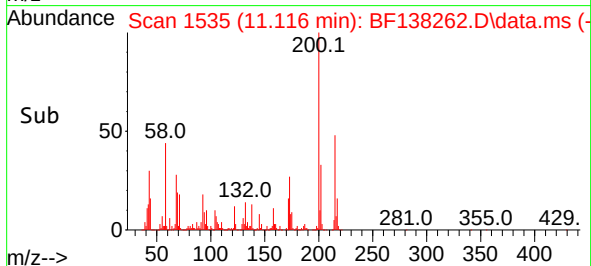
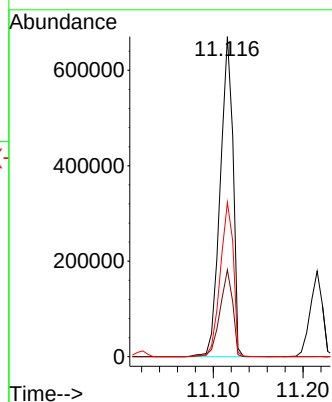
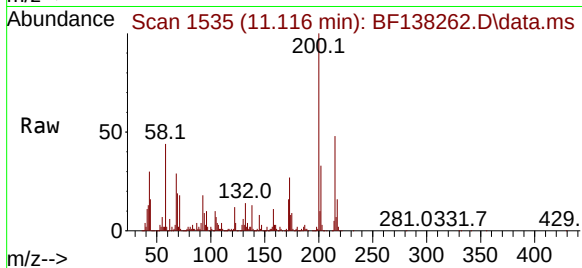
Tgt Ion:200 Resp: 662278

Ion Ratio Lower Upper

200 100

173 27.2 6.3 46.3

215 48.2 28.0 68.0



#70

Pentachlorophenol

Concen: 76.982 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

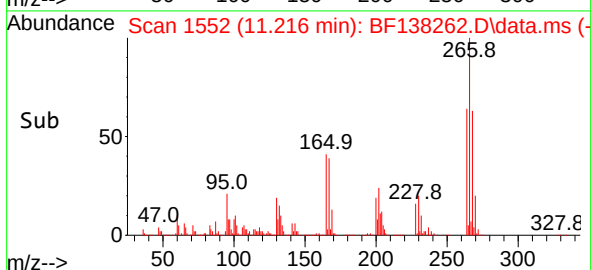
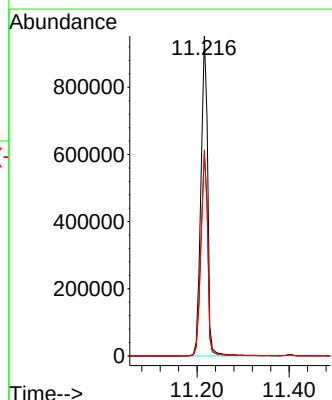
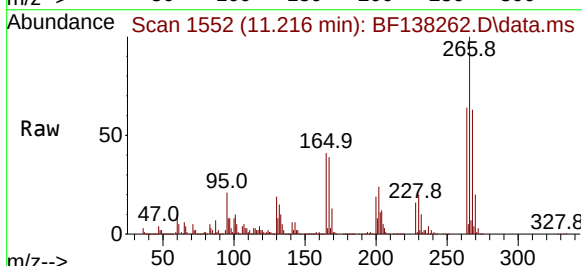
Tgt Ion:266 Resp: 967980

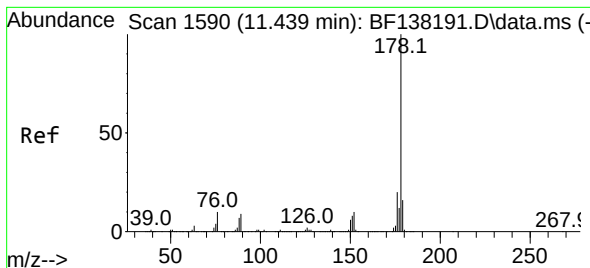
Ion Ratio Lower Upper

266 100

268 63.4 49.5 74.3

264 64.4 49.2 73.8





#71

Phenanthrene

Concen: 39.206 ng

RT: 11.439 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

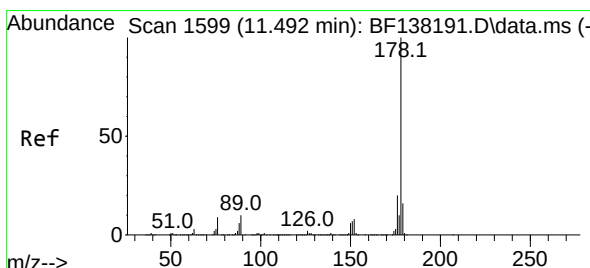
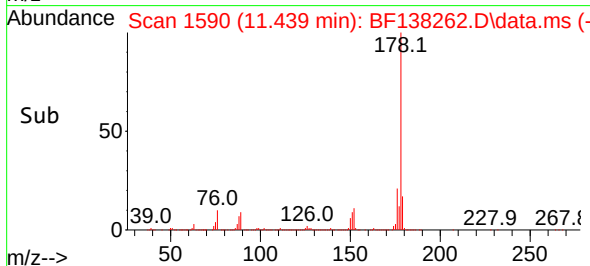
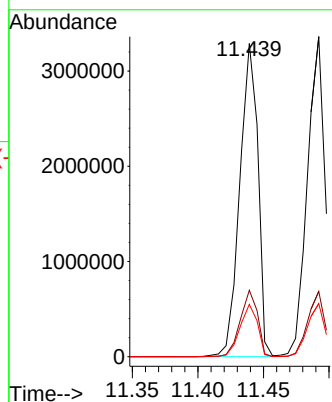
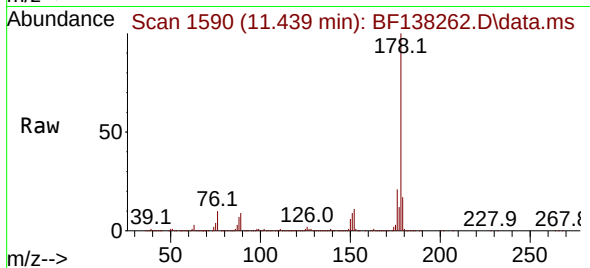
Tgt Ion:178 Resp: 3178887

Ion Ratio Lower Upper

178 100

176 21.2 16.4 24.6

179 16.7 13.1 19.7



#72

Anthracene

Concen: 38.785 ng

RT: 11.492 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

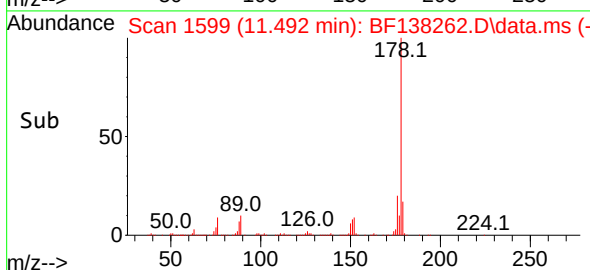
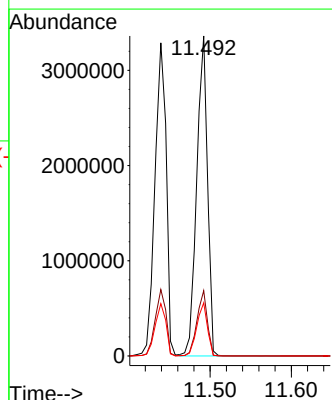
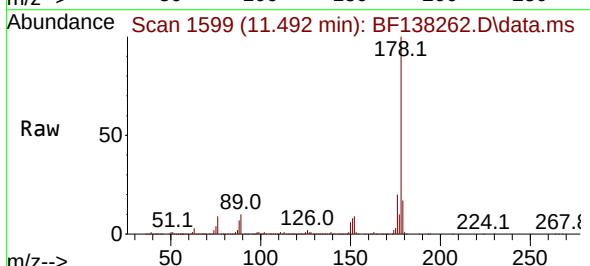
Tgt Ion:178 Resp: 3122250

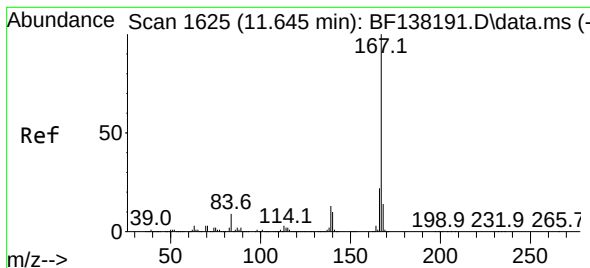
Ion Ratio Lower Upper

178 100

176 20.4 15.7 23.5

179 16.6 13.0 19.6





#73

Carbazole

Concen: 37.878 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

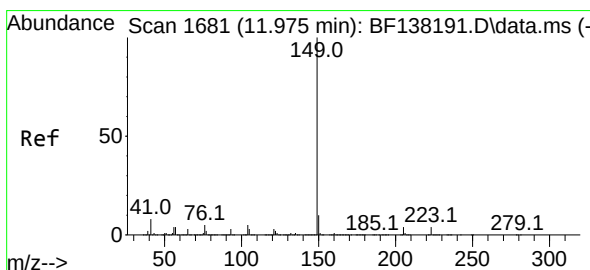
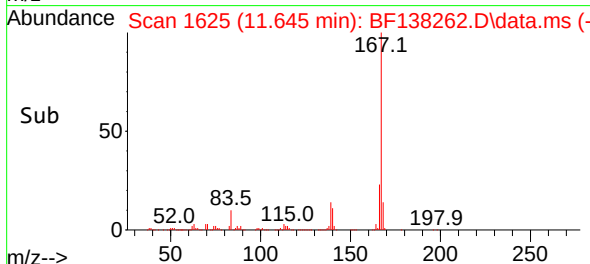
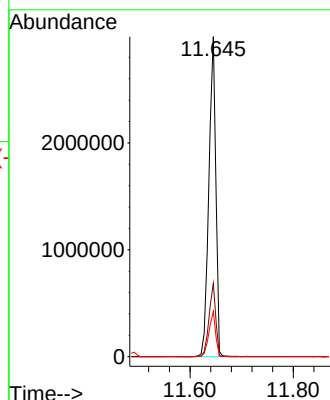
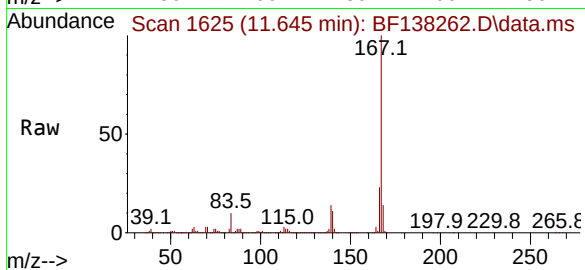
Tgt Ion:167 Resp: 2796735

Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

139 14.1 10.6 16.0



#74

Di-n-butylphthalate

Concen: 43.702 ng

RT: 11.974 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

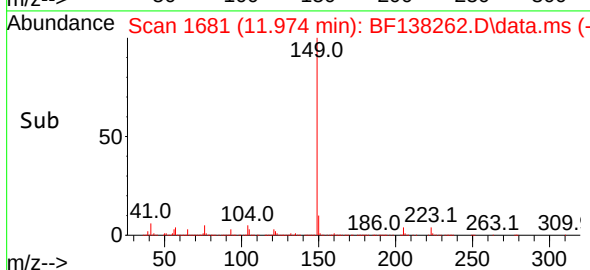
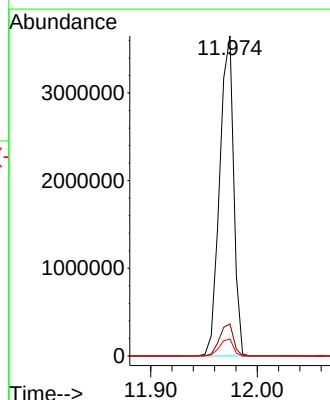
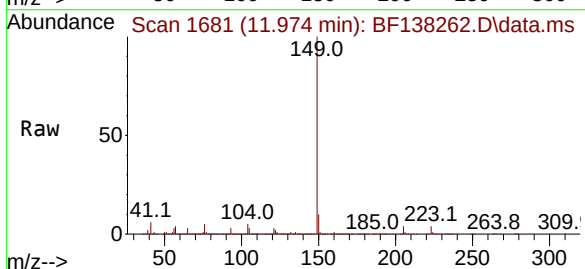
Tgt Ion:149 Resp: 3340496

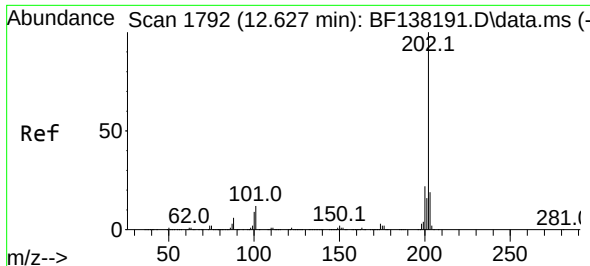
Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.2

104 5.3 4.1 6.1

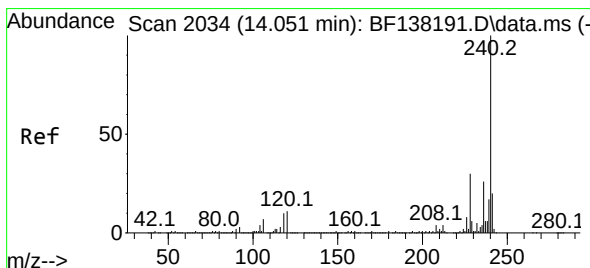
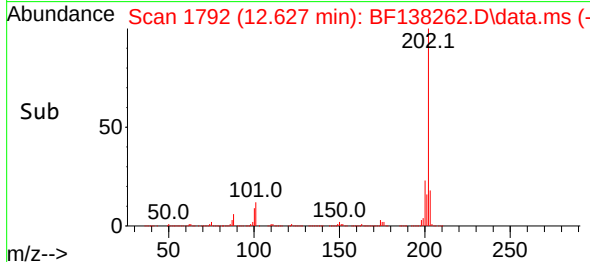
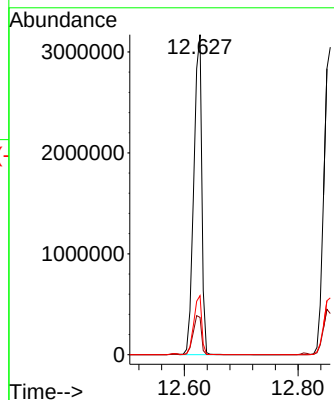
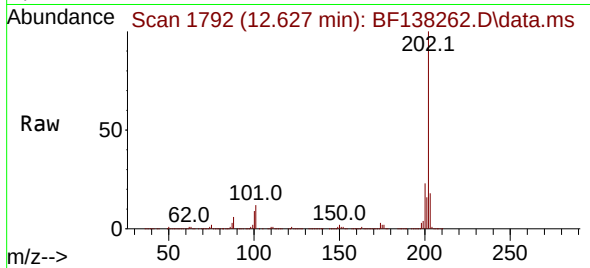




#75
Fluoranthene
Concen: 37.240 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

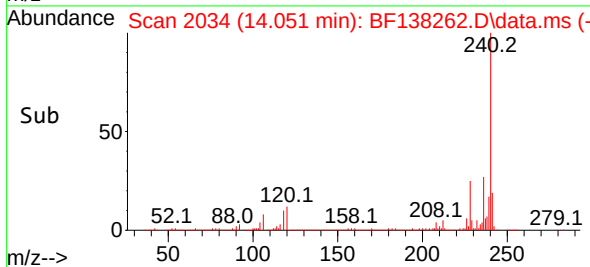
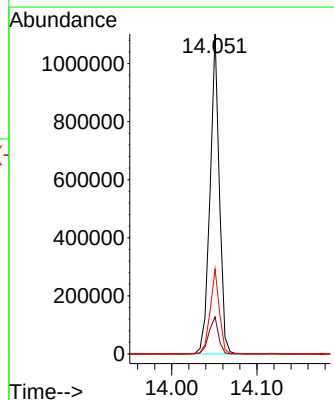
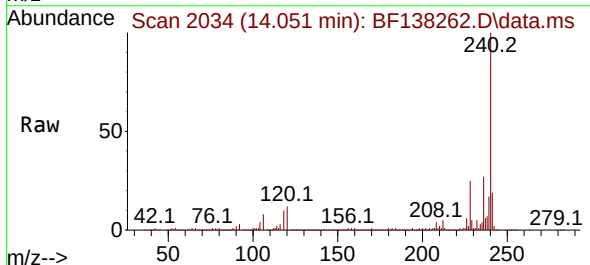
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

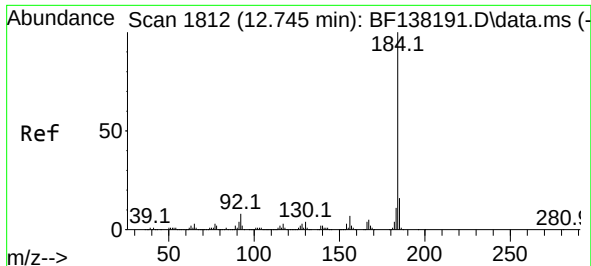
Tgt Ion:202 Resp: 3079013
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.8
203 18.4 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:240 Resp: 832700
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.6 21.0 31.6

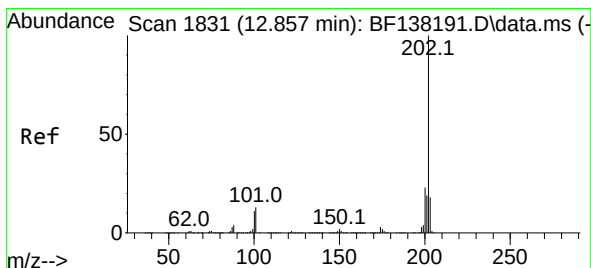
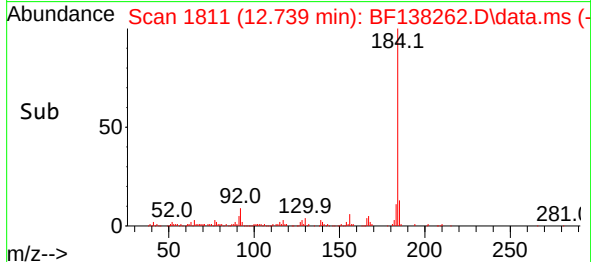
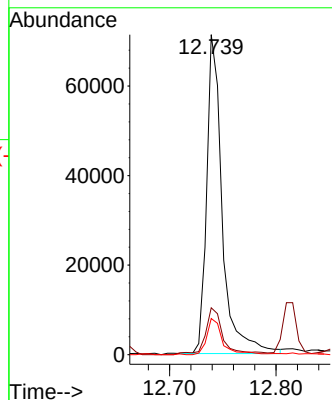
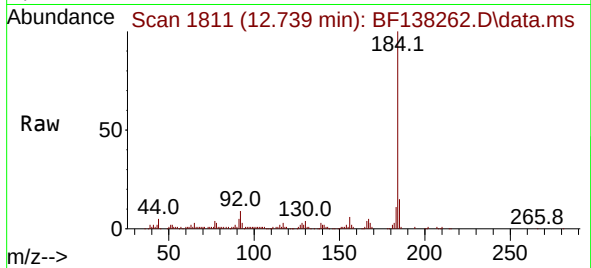




#77
Benzidine
Concen: 7.540 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

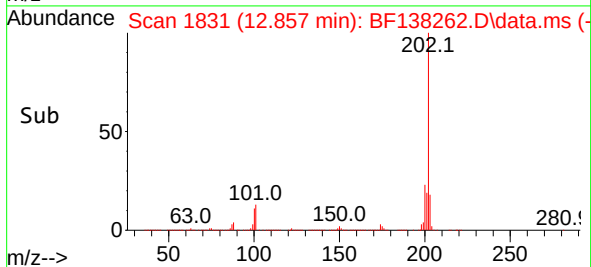
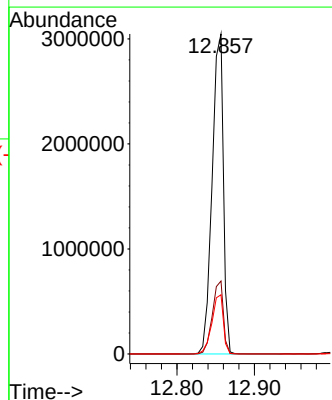
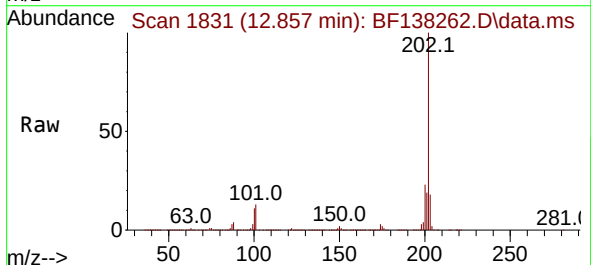
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

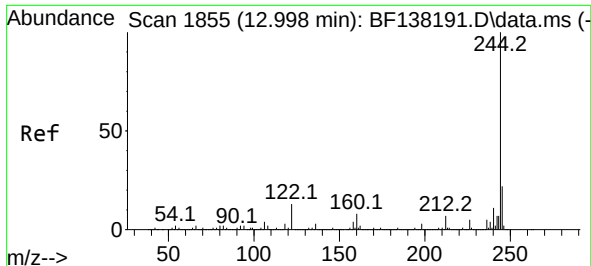
Tgt Ion:184 Resp: 72624
Ion Ratio Lower Upper
184 100
185 14.7 12.6 19.0
183 11.3 9.0 13.6



#78
Pyrene
Concen: 42.645 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:202 Resp: 3063003
Ion Ratio Lower Upper
202 100
200 22.8 18.0 27.0
203 18.5 14.7 22.1

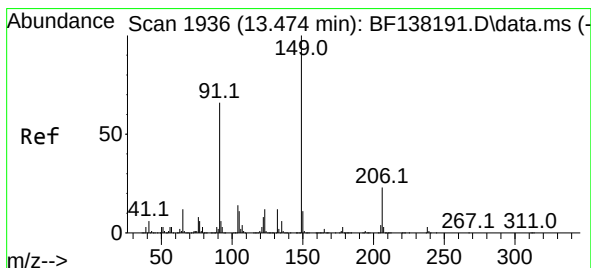
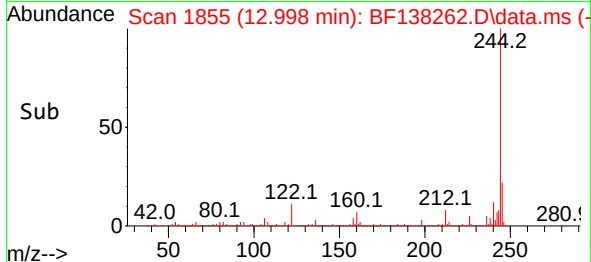
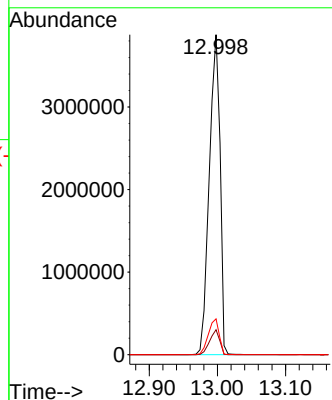
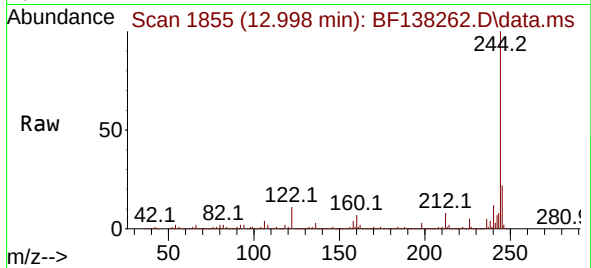




#79
 Terphenyl-d14
 Concen: 80.952 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF138262.D
 Acq: 20 Jun 2024 13:32

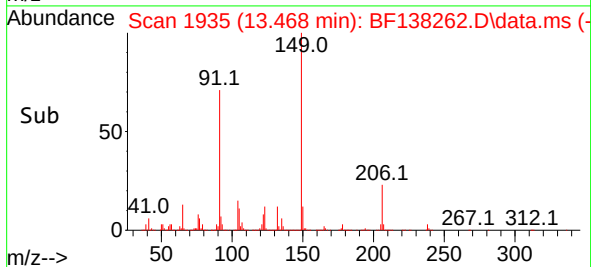
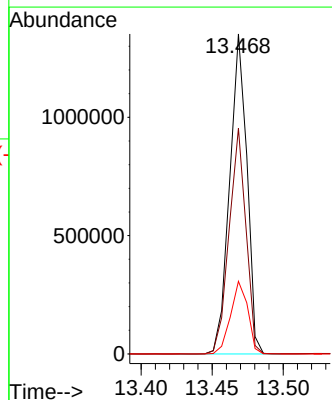
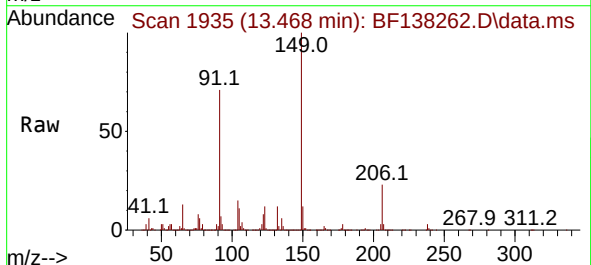
Instrument :
 BNA_F
 ClientSampleId :
 PB161578BSD

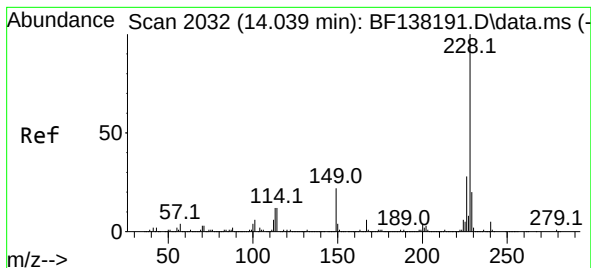
Tgt Ion:244 Resp: 4256059
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 11.2 10.6 15.8



#80
 Butylbenzylphthalate
 Concen: 58.368 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. -0.006 min
 Lab File: BF138262.D
 Acq: 20 Jun 2024 13:32

Tgt Ion:149 Resp: 1140340
 Ion Ratio Lower Upper
 149 100
 91 70.6 53.2 79.8
 206 22.7 18.6 27.8





#81

Benzo(a)anthracene

Concen: 41.730 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

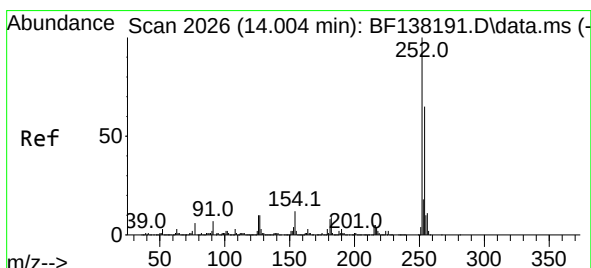
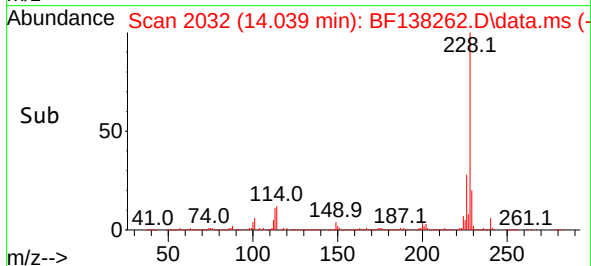
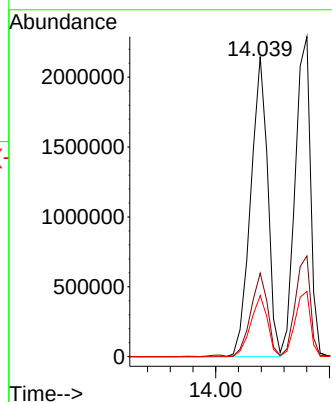
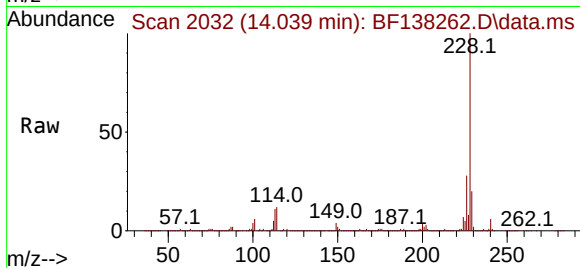
Tgt Ion:228 Resp: 2229272

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

229 20.4 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 42.186 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

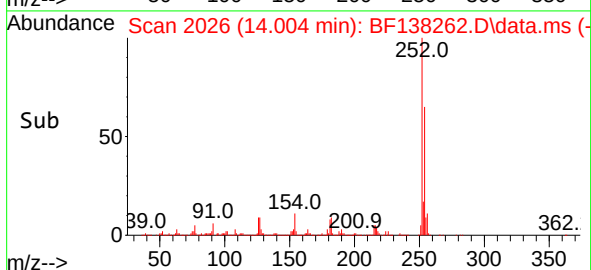
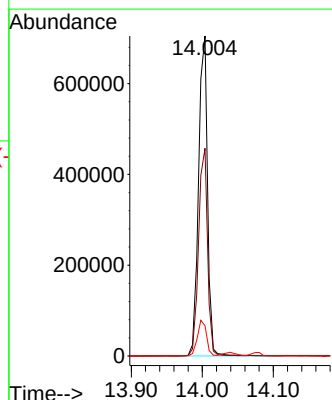
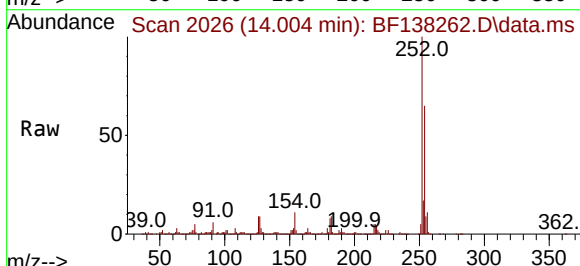
Tgt Ion:252 Resp: 620618

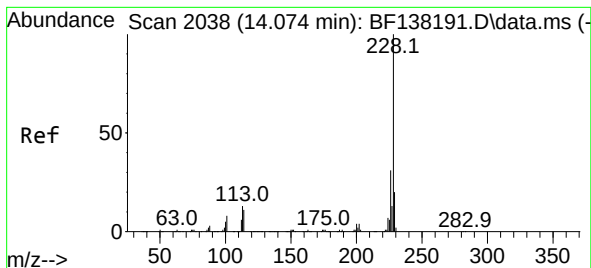
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.6

126 9.4 8.3 12.5





#83

Chrysene

Concen: 42.151 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

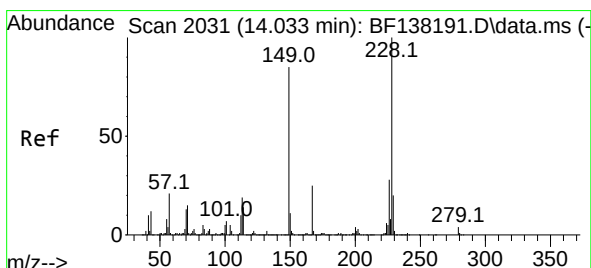
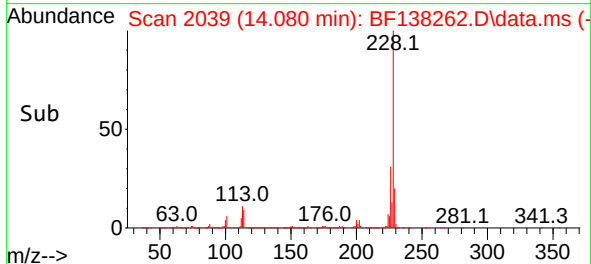
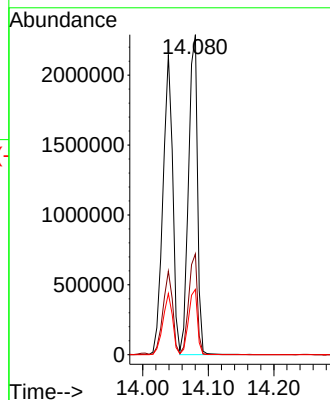
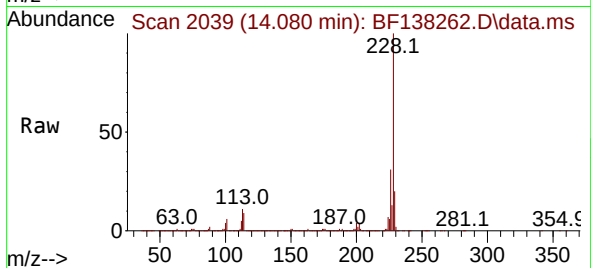
Tgt Ion:228 Resp: 2146369

Ion Ratio Lower Upper

228 100

226 31.5 24.5 36.7

229 20.4 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.800 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

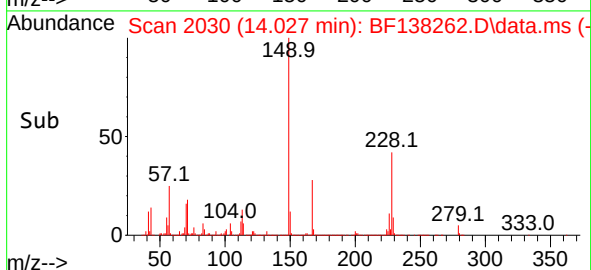
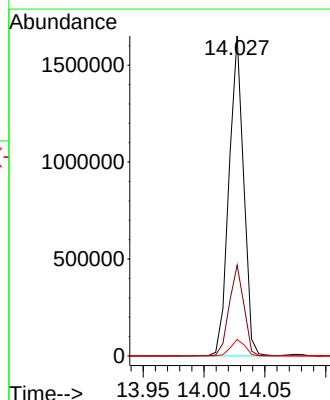
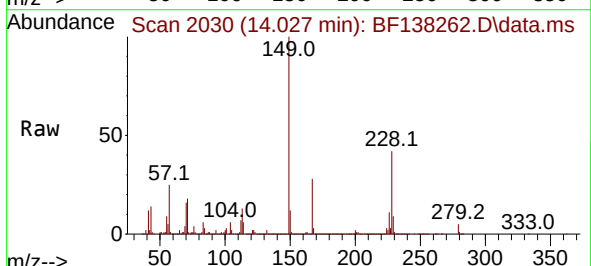
Tgt Ion:149 Resp: 1381553

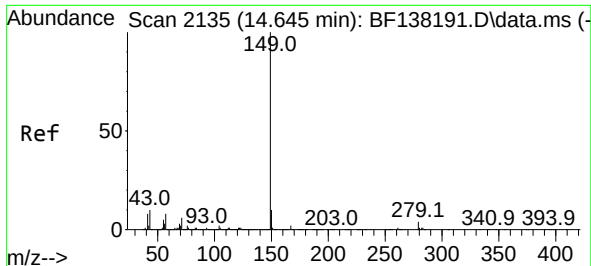
Ion Ratio Lower Upper

149 100

167 28.4 23.5 35.3

279 5.2 4.2 6.2

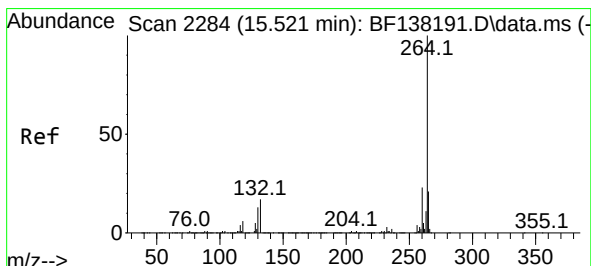
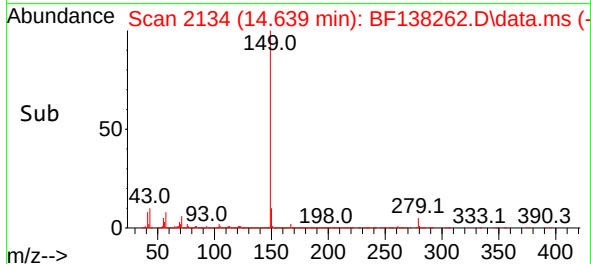
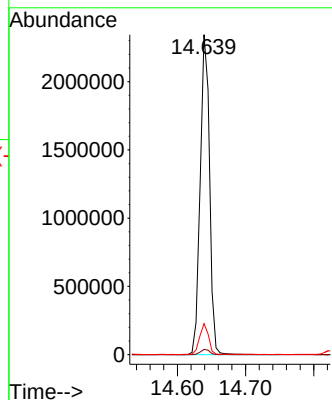
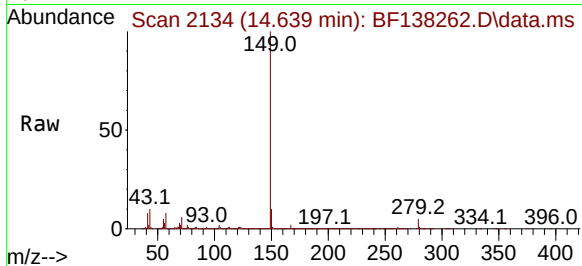




#85
Di-n-octyl phthalate
Concen: 66.132 ng
RT: 14.639 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

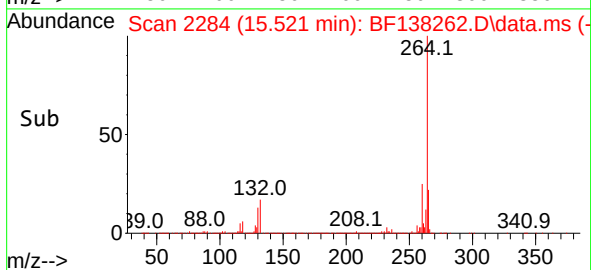
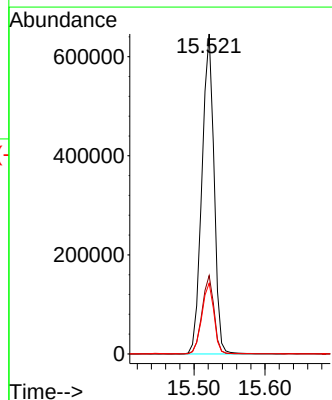
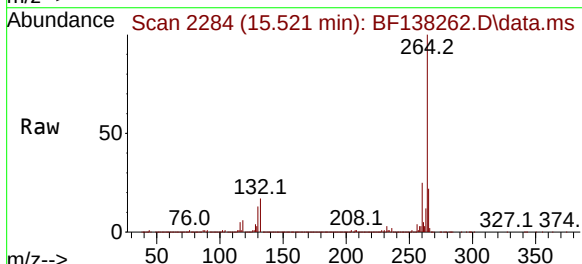
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

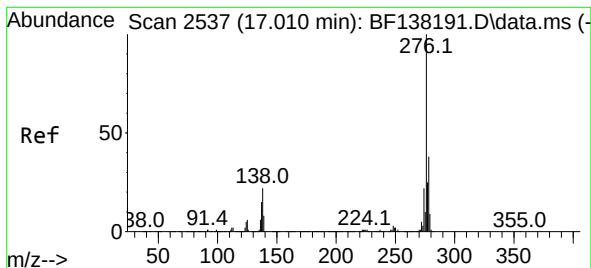
Tgt Ion:149 Resp: 2232442
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.8 11.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:264 Resp: 770301
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.043 ng

RT: 17.009 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

Instrument :

BNA_F

ClientSampleId :

PB161578BSD

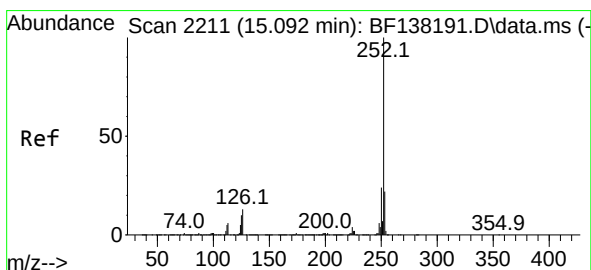
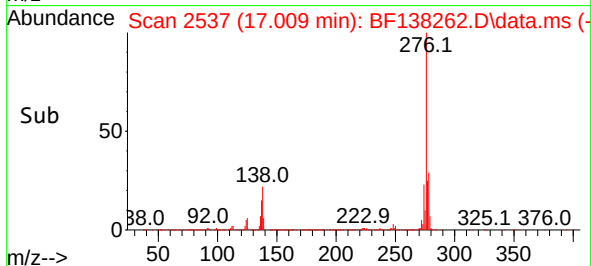
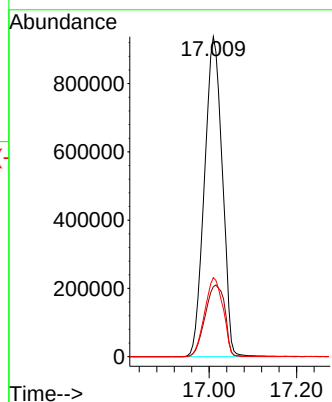
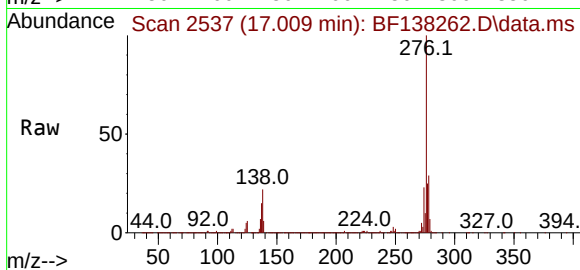
Tgt Ion:276 Resp: 2663602

Ion Ratio Lower Upper

276 100

138 24.8 19.3 28.9

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.993 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF138262.D

Acq: 20 Jun 2024 13:32

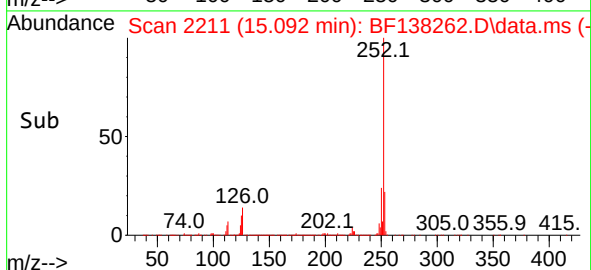
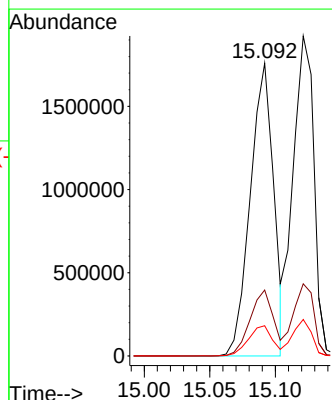
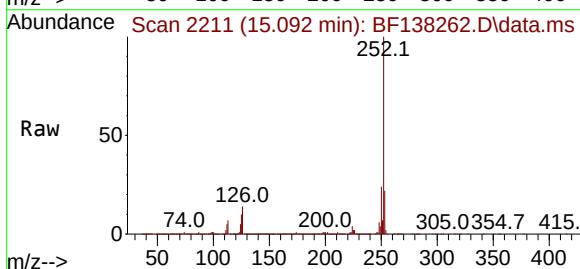
Tgt Ion:252 Resp: 2180094

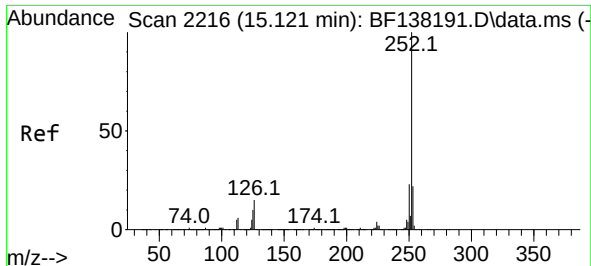
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 10.3 7.8 11.8

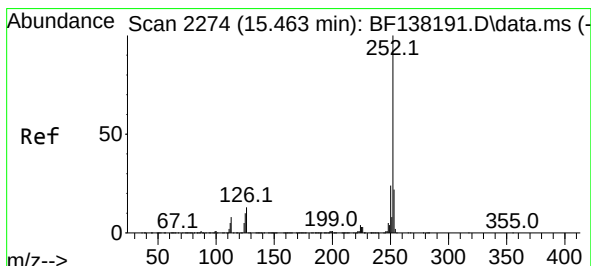
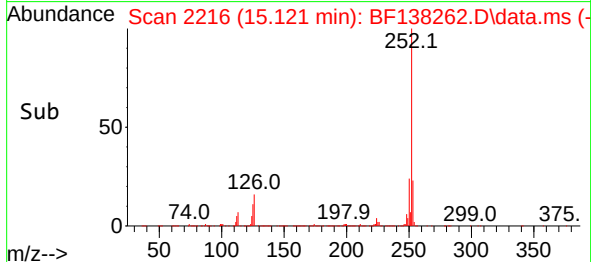
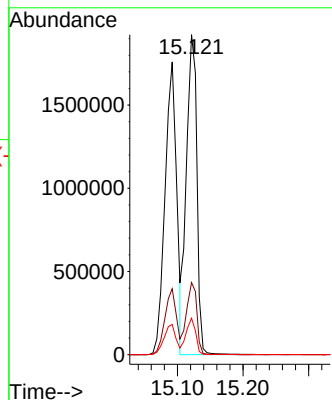
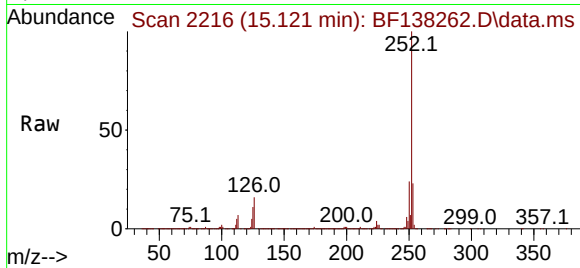




#89
Benzo(k)fluoranthene
Concen: 47.786 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

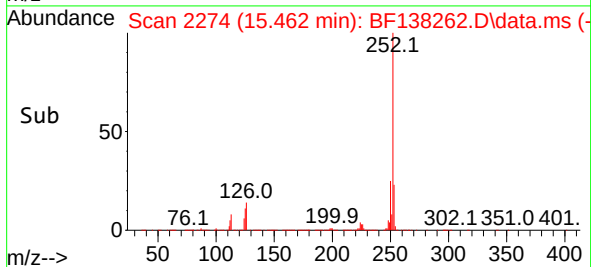
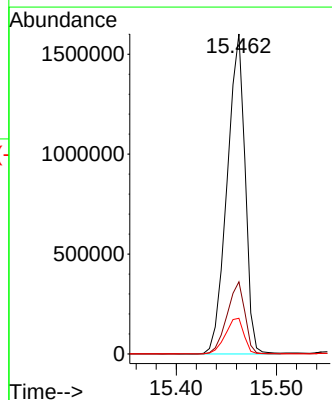
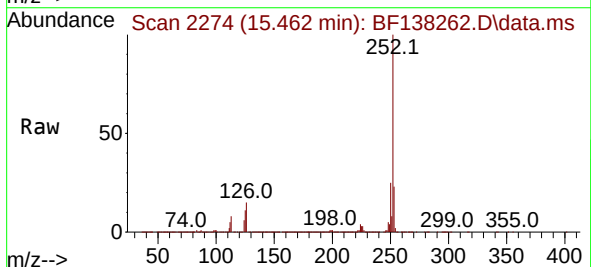
Instrument :
BNA_F
ClientSampleId :
PB161578BSD

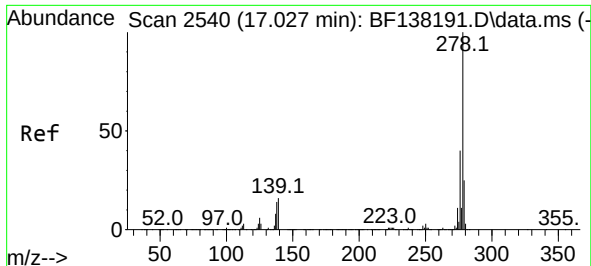
Tgt Ion:252 Resp: 2127342
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.4 8.0 12.0



#90
Benzo(a)pyrene
Concen: 50.890 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:252 Resp: 1985964
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.2 8.2 12.2

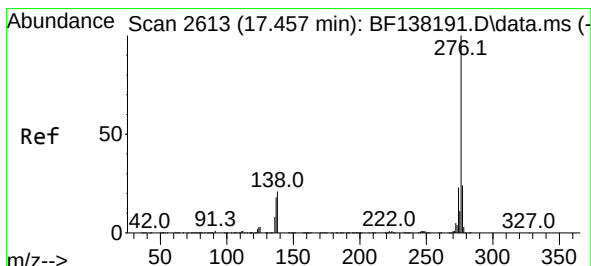
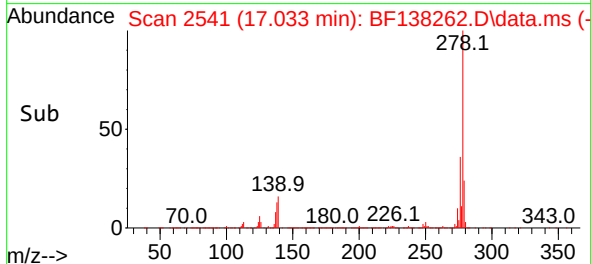
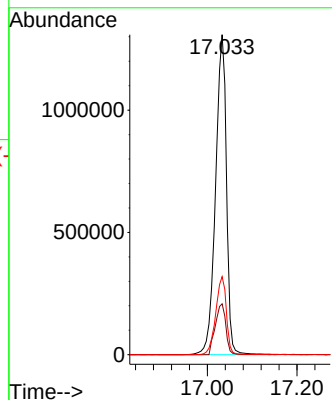
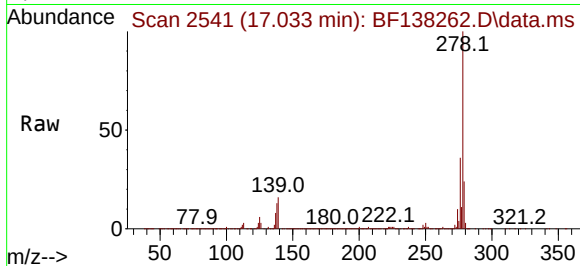




#91
Dibenzo(a,h)anthracene
Concen: 53.573 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Instrument :
BNA_F
ClientSampleId :
PB161578BSD

Tgt Ion:278 Resp: 2208165
Ion Ratio Lower Upper
278 100
139 15.9 12.9 19.3
279 24.4 19.9 29.9



#92
Benzo(g,h,i)perylene
Concen: 50.164 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.006 min
Lab File: BF138262.D
Acq: 20 Jun 2024 13:32

Tgt Ion:276 Resp: 2139004
Ion Ratio Lower Upper
276 100
277 24.0 19.5 29.3
138 22.0 16.6 24.8

