

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137860.D
 Acq On : 09 May 2024 12:22
 Operator : CG\JU
 Sample : PB160643BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160643BS

Quant Time: May 09 13:05:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	186771	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	765296	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	433458	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	740180	20.000	ng	# 0.00
76) Chrysene-d12	14.251	240	430130	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	354854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1372132	123.003	ng	0.01
7) Phenol-d6	6.675	99	1711171	120.936	ng	0.00
23) Nitrobenzene-d5	7.616	82	1091342	82.850	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	594718	134.378	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2298612	86.033	ng	0.00
79) Terphenyl-d14	13.186	244	2502028	97.483	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.081	88	165433	32.933	ng	97
3) Pyridine	3.816	79	417775	34.363	ng	98
4) n-Nitrosodimethylamine	3.781	42	217604	39.748	ng	100
6) Aniline	6.716	93	480091	34.233	ng	99
8) 2-Chlorophenol	6.840	128	572548	47.097	ng	97
9) Benzaldehyde	6.610	77	533266	69.984	ng	99
10) Phenol	6.687	94	625497	43.142	ng	97
11) bis(2-Chloroethyl)ether	6.781	93	506103	44.581	ng	99
12) 1,3-Dichlorobenzene	6.992	146	581607	42.425	ng	99
13) 1,4-Dichlorobenzene	7.069	146	589634	42.865	ng	100
14) 1,2-Dichlorobenzene	7.222	146	570925	44.067	ng	99
15) Benzyl Alcohol	7.192	79	476287	48.675	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.316	45	651477	40.827	ng	97
17) 2-Methylphenol	7.292	107	454709	46.354	ng	99
18) Hexachloroethane	7.563	117	205946	44.287	ng	97
19) n-Nitroso-di-n-propyla...	7.463	70	375074	44.357	ng	96
20) 3+4-Methylphenols	7.445	107	574717	44.532	ng	# 88
22) Acetophenone	7.463	105	757337	44.001	ng	98
24) Nitrobenzene	7.634	77	564215	41.559	ng	98
25) Isophorone	7.875	82	1072489	45.157	ng	98
26) 2-Nitrophenol	7.951	139	312057	50.758	ng	96
27) 2,4-Dimethylphenol	7.975	122	427001	48.244	ng	95
28) bis(2-Chloroethoxy)met...	8.075	93	644573	44.825	ng	100
29) 2,4-Dichlorophenol	8.186	162	502901	47.009	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	513887	44.064	ng	99
31) Naphthalene	8.363	128	1644929	43.251	ng	100
32) Benzoic acid	8.104	122	384897	50.408	ng	96
33) 4-Chloroaniline	8.398	127	233763	16.575	ng	99
34) Hexachlorobutadiene	8.469	225	316040	44.139	ng	99
35) Caprolactam	8.781	113	89506	26.406	ng	96
36) 4-Chloro-3-methylphenol	8.881	107	521964	46.787	ng	95
37) 2-Methylnaphthalene	9.051	142	1115122	45.296	ng	99
38) 1-Methylnaphthalene	9.151	142	1026699	42.390	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	526373	45.850	ng	99
41) Hexachlorocyclopentadiene	9.204	237	605998	129.957	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	374029	47.862	ng	98

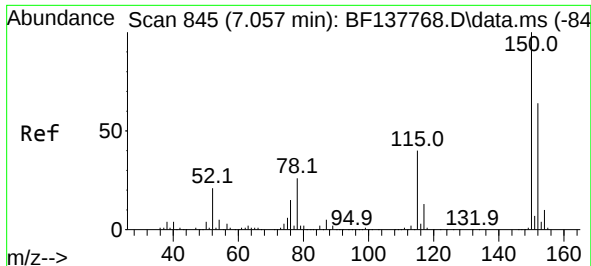
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	386087	44.743	ng	98
46) 1,1'-Biphenyl	9.516	154	1364539	45.871	ng	100
47) 2-Chloronaphthalene	9.545	162	1067173	44.435	ng	98
48) 2-Nitroaniline	9.639	65	301031	46.217	ng	96
49) Acenaphthylene	9.969	152	1676961	48.269	ng	99
50) Dimethylphthalate	9.816	163	1300838	47.539	ng	100
51) 2,6-Dinitrotoluene	9.880	165	288675	46.162	ng	99
52) Acenaphthene	10.139	154	1140972	49.546	ng	99
53) 3-Nitroaniline	10.051	138	208251	31.800	ng	95
54) 2,4-Dinitrophenol	10.157	184	323248	105.200	ng	# 86
55) Dibenzofuran	10.310	168	1510895	45.086	ng	98
56) 4-Nitrophenol	10.210	139	450554	83.012	ng	98
57) 2,4-Dinitrotoluene	10.286	165	391357	47.903	ng	98
58) Fluorene	10.657	166	1179694	44.232	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	324388	46.304	ng	97
60) Diethylphthalate	10.516	149	1233826	47.476	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	603144	45.897	ng	95
62) 4-Nitroaniline	10.675	138	272063	40.959	ng	94
63) Azobenzene	10.804	77	1117579	44.493	ng	95
65) 4,6-Dinitro-2-methylph...	10.698	198	217404	51.173	ng	83
66) n-Nitrosodiphenylamine	10.763	169	1043498	47.097	ng	100
67) 4-Bromophenyl-phenylether	11.133	248	378358	47.763	ng	96
68) Hexachlorobenzene	11.198	284	399473	46.146	ng	98
69) Atrazine	11.286	200	359396	53.199	ng	98
70) Pentachlorophenol	11.392	266	487158	81.969	ng	100
71) Phenanthrene	11.622	178	1642640	45.531	ng	100
72) Anthracene	11.675	178	1679856	46.797	ng	100
73) Carbazole	11.827	167	1482775	42.860	ng	99
74) Di-n-butylphthalate	12.145	149	1856543	49.195	ng	100
75) Fluoranthene	12.816	202	1666499	42.257	ng	99
77) Benzidine	12.927	184	190790	19.179	ng	100
78) Pyrene	13.051	202	1674239	49.092	ng	99
80) Butylbenzylphthalate	13.651	149	662966	61.269	ng	98
81) Benzo(a)anthracene	14.239	228	1320674	48.006	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	290413	35.262	ng	100
83) Chrysene	14.280	228	1211084	47.016	ng	98
84) Bis(2-ethylhexyl)phtha...	14.204	149	890952	65.333	ng	99
85) Di-n-octyl phthalate	14.833	149	1263392	68.839	ng	98
87) Indeno(1,2,3-cd)pyrene	17.456	276	1067130	52.895	ng	99
88) Benzo(b)fluoranthene	15.345	252	1066055	48.286	ng	99
89) Benzo(k)fluoranthene	15.380	252	970691	45.488	ng	99
90) Benzo(a)pyrene	15.751	252	906506	50.328	ng	99
91) Dibenzo(a,h)anthracene	17.480	278	871386	53.064	ng	99
92) Benzo(g,h,i)perylene	17.962	276	825057	47.927	ng	98

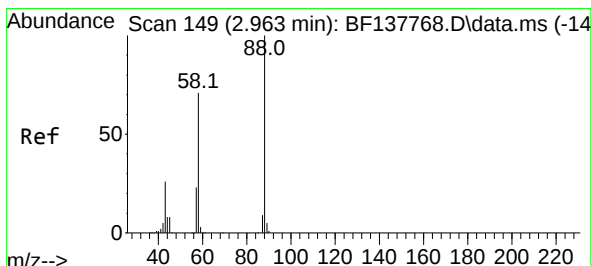
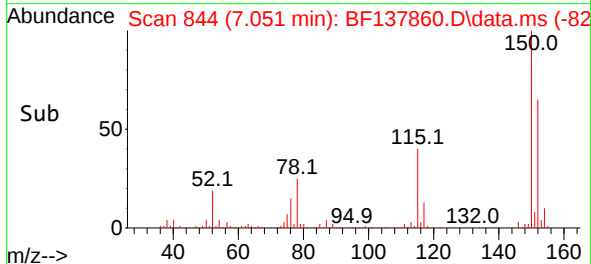
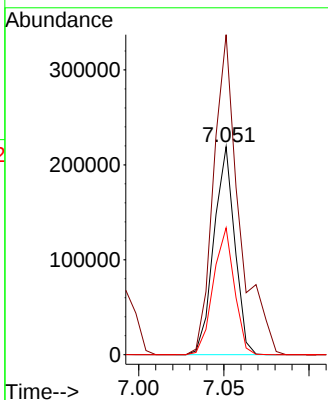
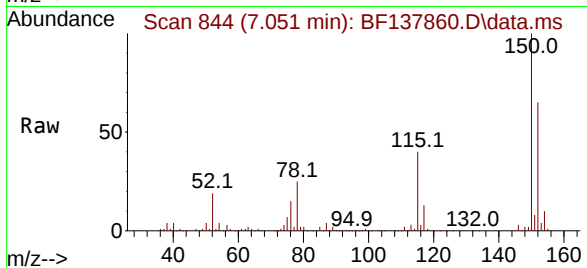
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

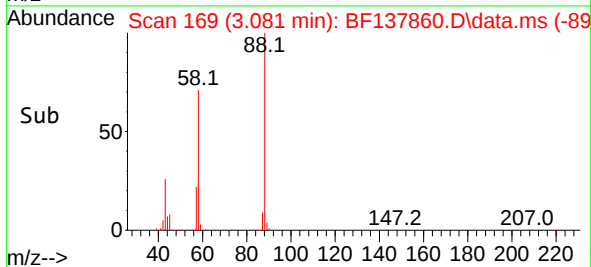
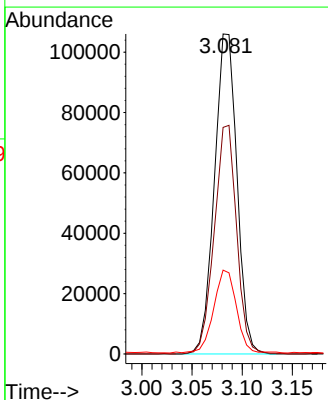
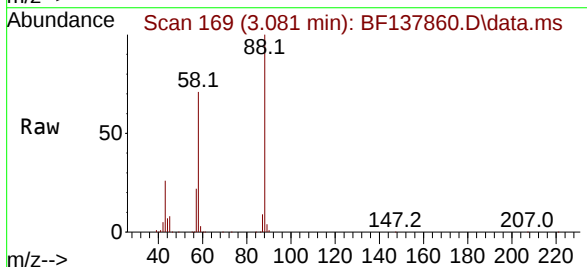
Instrument :
BNA_F
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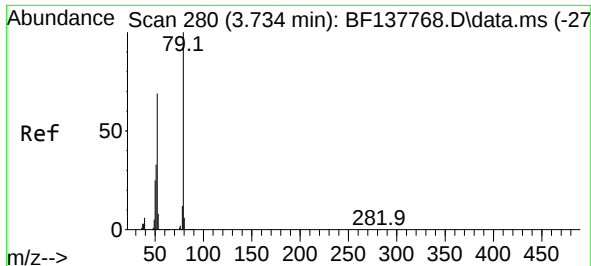
Tgt Ion:152 Resp: 186771
Ion Ratio Lower Upper
152 100
150 153.9 124.1 186.1
115 61.1 49.1 73.7



#2
1,4-Dioxane
Concen: 32.933 ng
RT: 3.081 min Scan# 169
Delta R.T. 0.118 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion: 88 Resp: 165433
Ion Ratio Lower Upper
88 100
58 70.9 58.8 88.2
43 26.2 21.4 32.0

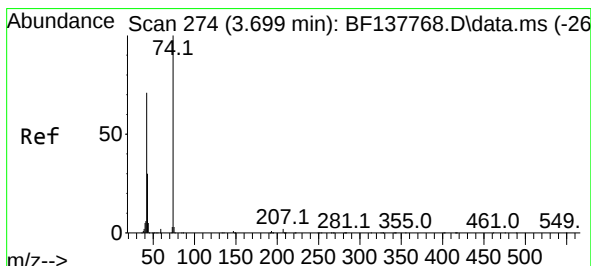
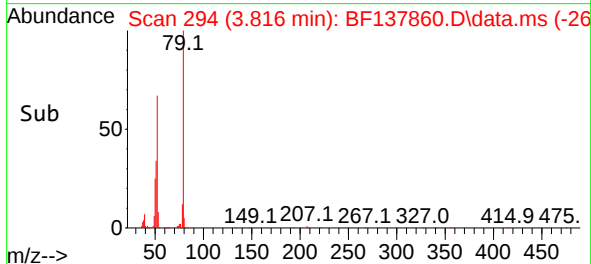
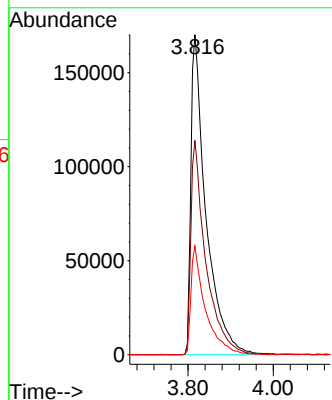
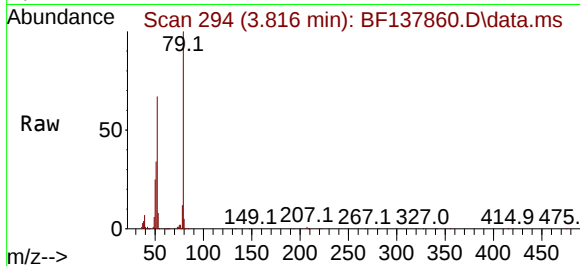




#3
Pyridine
Concen: 34.363 ng
RT: 3.816 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

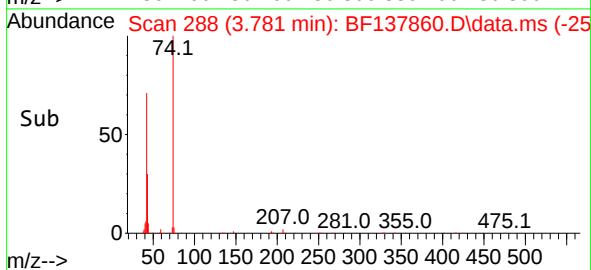
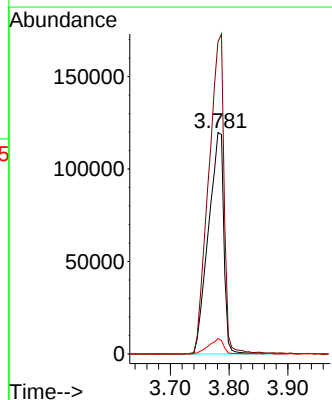
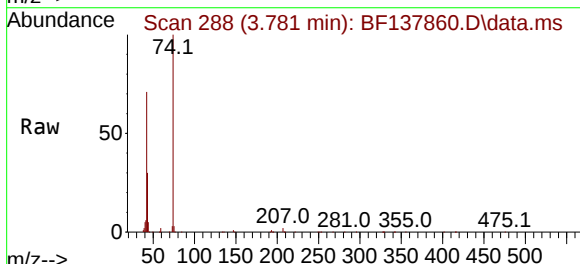
Instrument :
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ClientSampleId :
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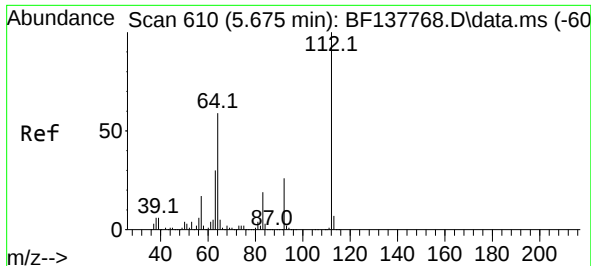
Tgt Ion: 79 Resp: 417775
Ion Ratio Lower Upper
79 100
52 67.0 55.5 83.3
51 33.9 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 39.748 ng
RT: 3.781 min Scan# 288
Delta R.T. 0.082 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion: 42 Resp: 217604
Ion Ratio Lower Upper
42 100
74 141.0 112.9 169.3
44 7.0 5.6 8.4

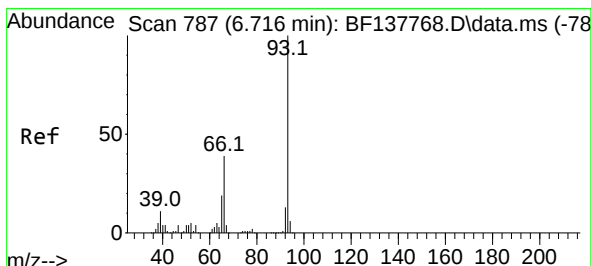
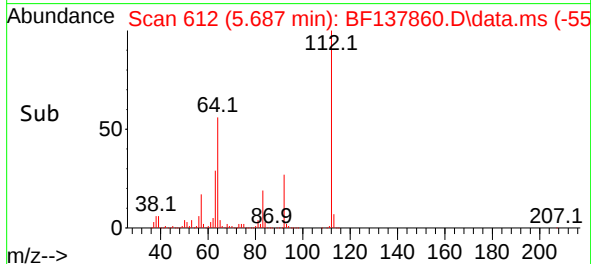
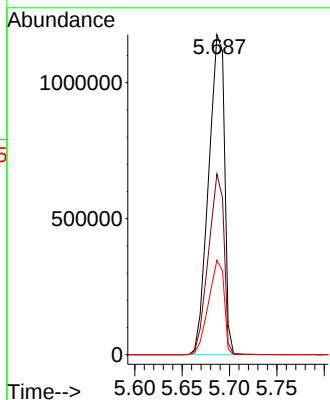
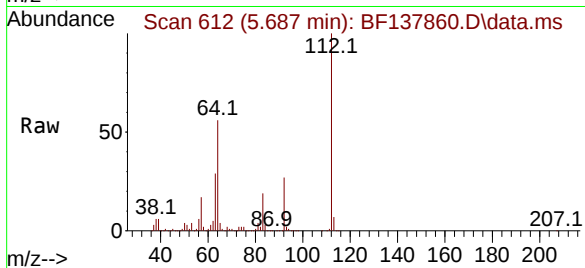




#5
2-Fluorophenol
Concen: 123.003 ng
RT: 5.687 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

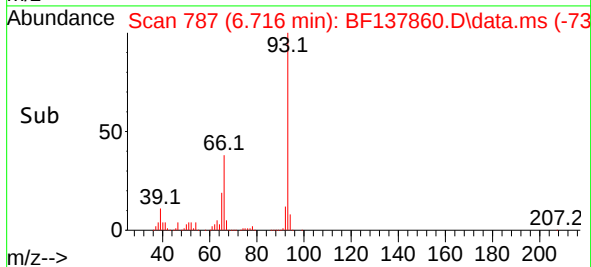
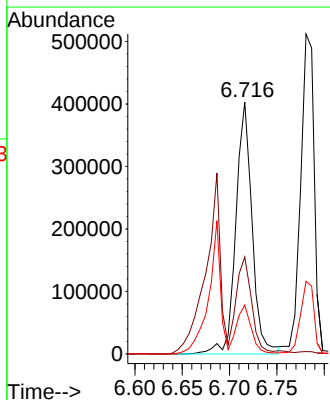
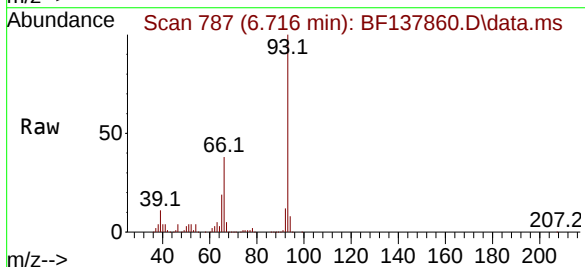
Instrument :
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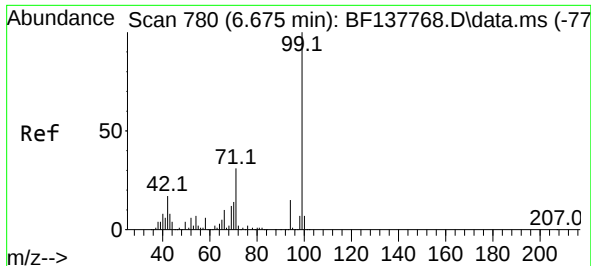
Tgt Ion:112 Resp: 1372132
Ion Ratio Lower Upper
112 100
64 56.4 47.3 70.9
63 29.5 23.7 35.5



#6
Aniline
Concen: 34.233 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion: 93 Resp: 480091
Ion Ratio Lower Upper
93 100
66 38.5 31.8 47.6
65 19.4 15.4 23.2



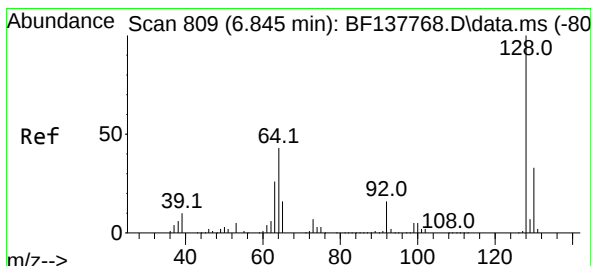
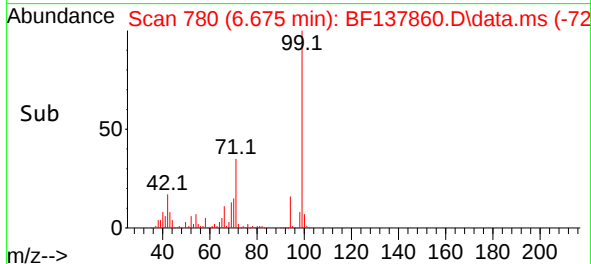
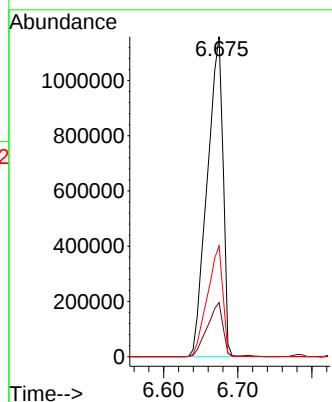
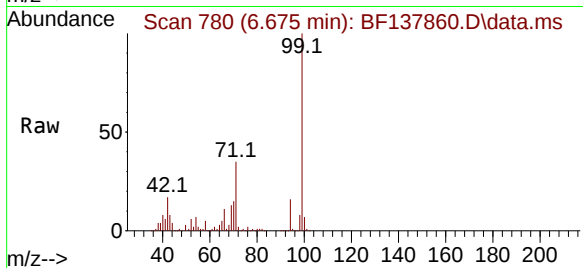


#7
Phenol-d6
Concen: 120.936 ng
RT: 6.675 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Instrument :
BNA_F
ClientSampleId :
PB160643BS

Tgt Ion: 99 Resp: 1711171

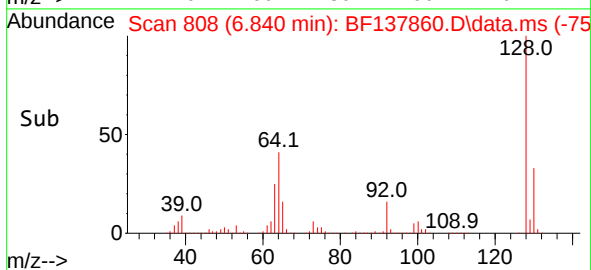
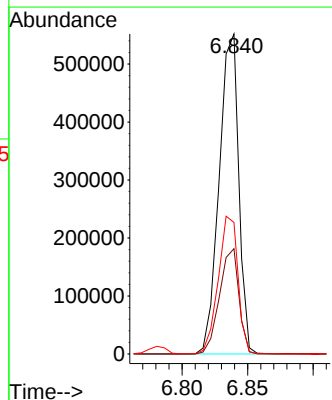
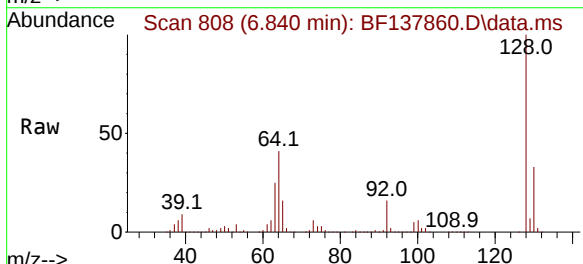
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.2	19.8
71	34.6	25.0	37.4

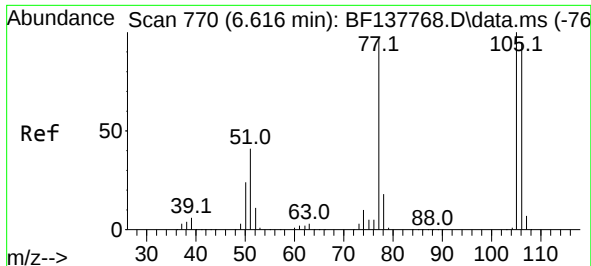


#8
2-Chlorophenol
Concen: 47.097 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:128 Resp: 572548

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.5	52.5
64	41.1	23.9	63.9

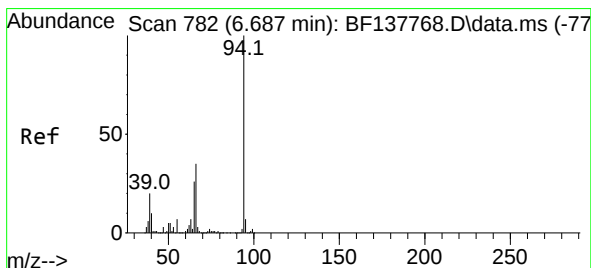
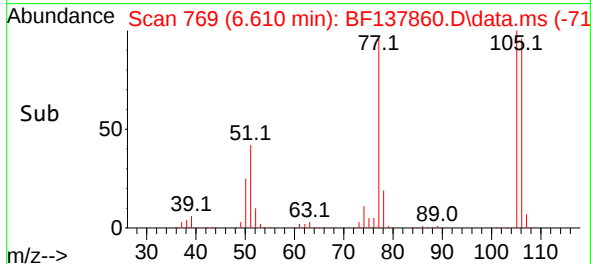
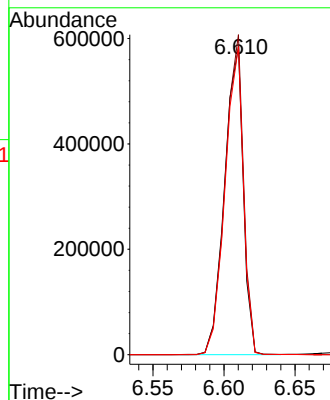
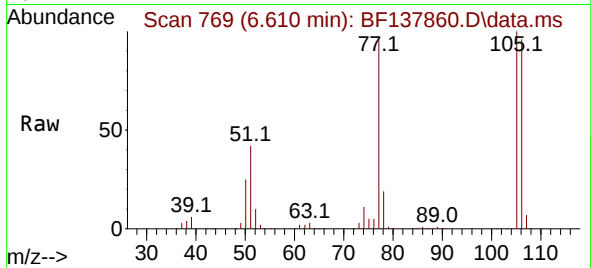




#9
Benzaldehyde
Concen: 69.984 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

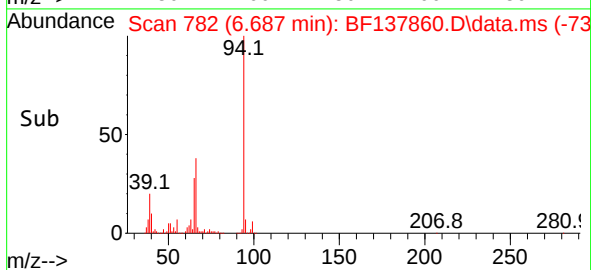
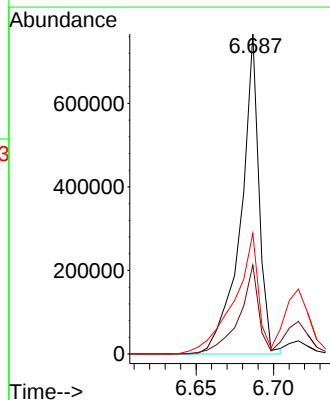
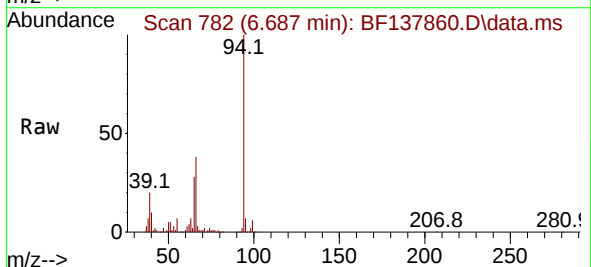
Instrument :
BNA_F
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PB160643BS

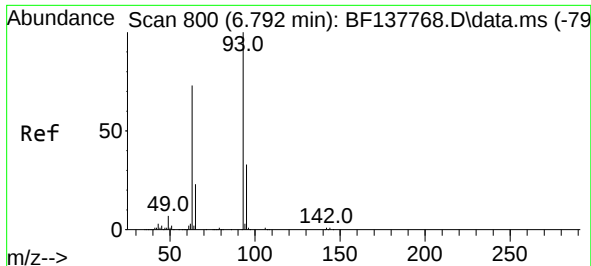
Tgt Ion: 77 Resp: 533266
Ion Ratio Lower Upper
77 100
105 103.9 83.2 123.2
106 100.0 77.7 117.7



#10
Phenol
Concen: 43.142 ng
RT: 6.687 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion: 94 Resp: 625497
Ion Ratio Lower Upper
94 100
65 27.8 6.4 46.4
66 37.8 15.4 55.4





#11

bis(2-Chloroethyl)ether

Concen: 44.581 ng

RT: 6.781 min Scan# 79

Delta R.T. -0.012 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160643BS

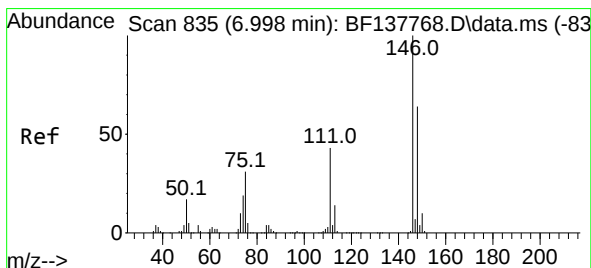
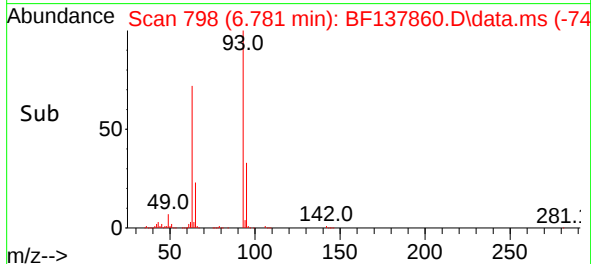
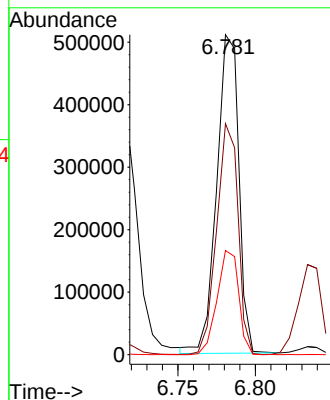
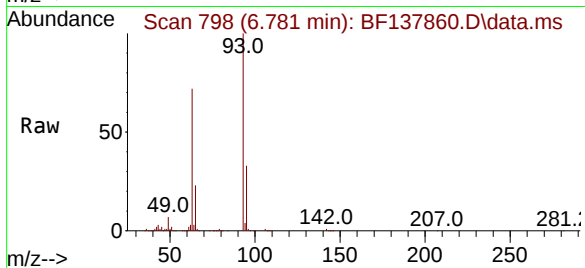
Tgt Ion: 93 Resp: 506103

Ion Ratio Lower Upper

93 100

63 72.2 51.6 91.6

95 32.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 42.425 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

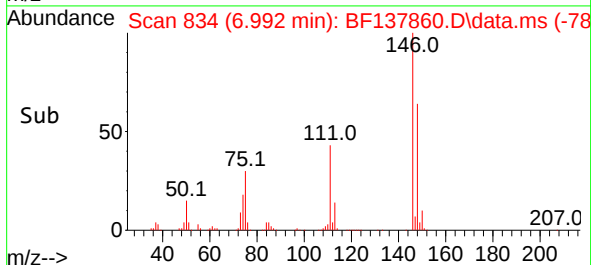
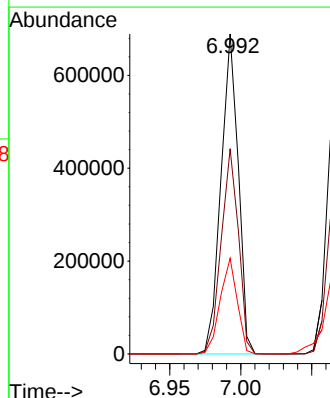
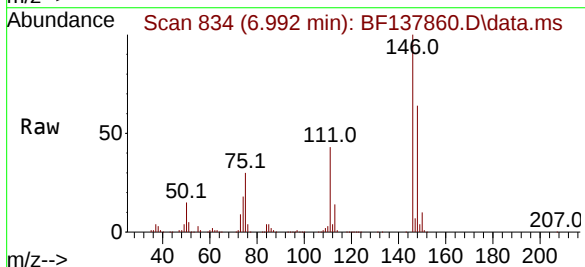
Tgt Ion:146 Resp: 581607

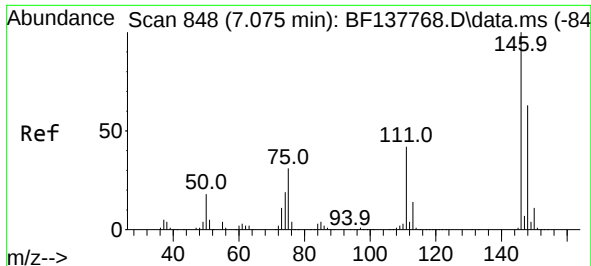
Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

75 29.9 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 42.865 ng

RT: 7.069 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160643BS

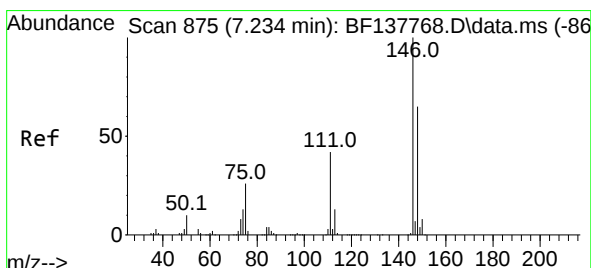
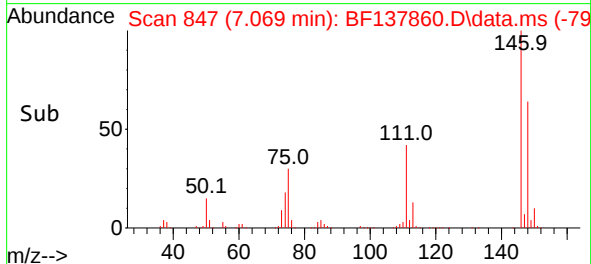
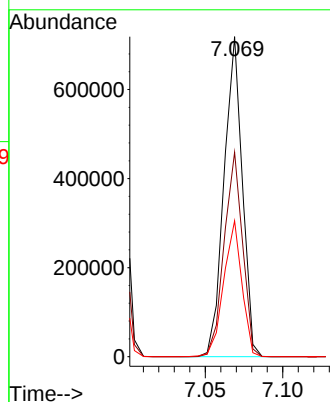
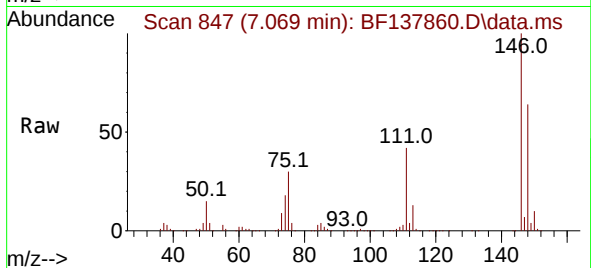
Tgt Ion:146 Resp: 589634

Ion Ratio Lower Upper

146 100

148 63.9 50.7 76.1

111 42.4 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 44.067 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

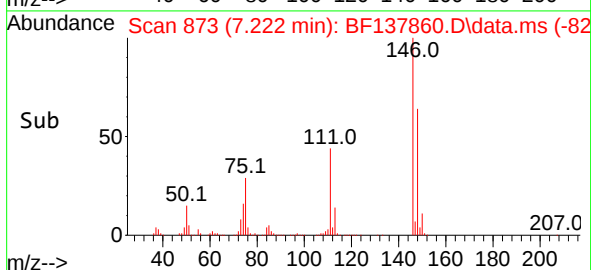
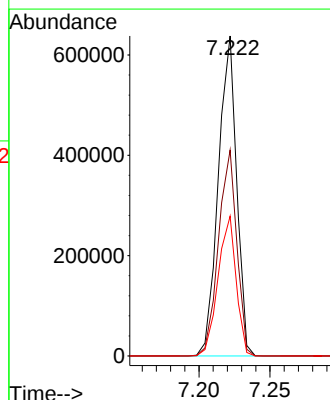
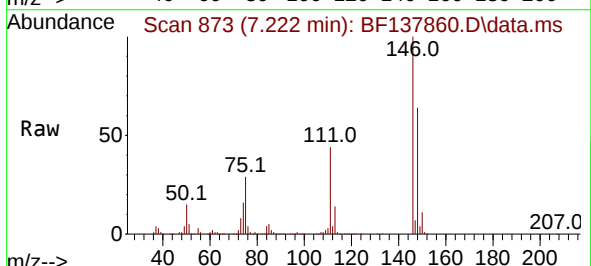
Tgt Ion:146 Resp: 570925

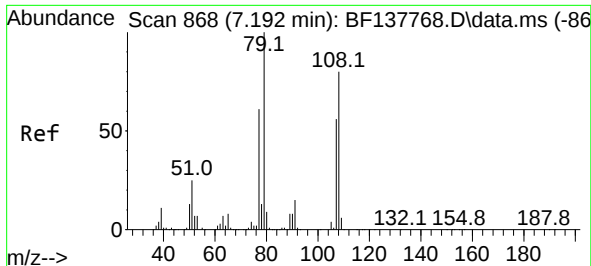
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

111 43.7 33.6 50.4

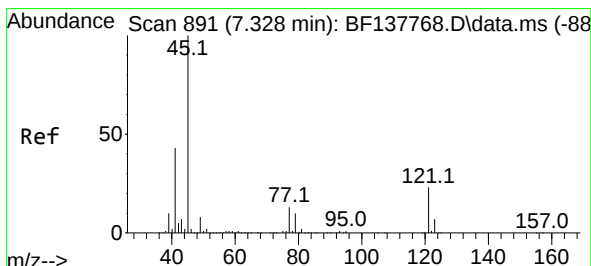
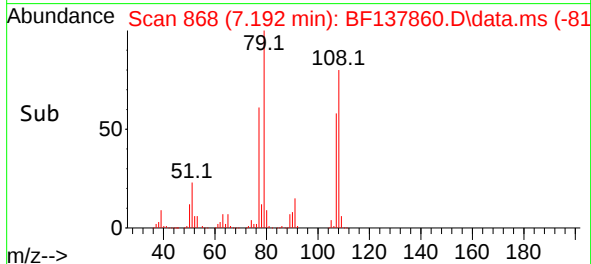
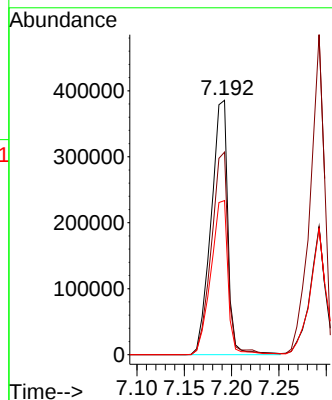
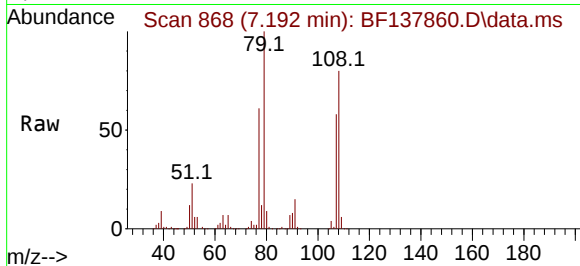




#15
Benzyl Alcohol
Concen: 48.675 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

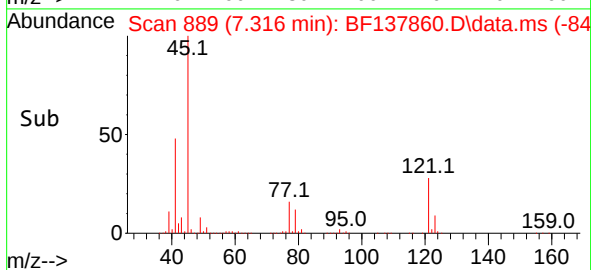
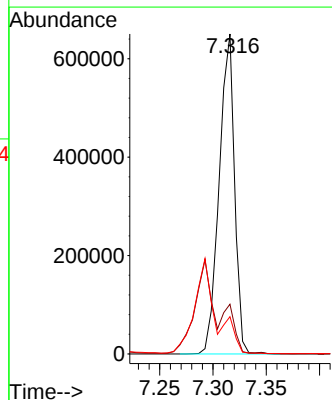
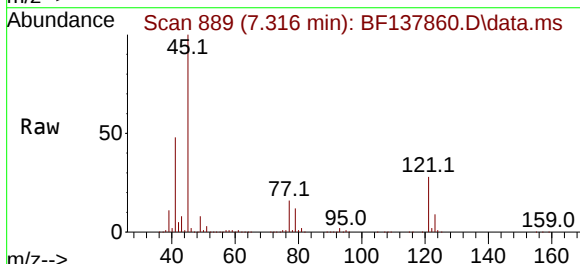
Instrument :
BNA_F
ClientSampleId :
PB160643BS

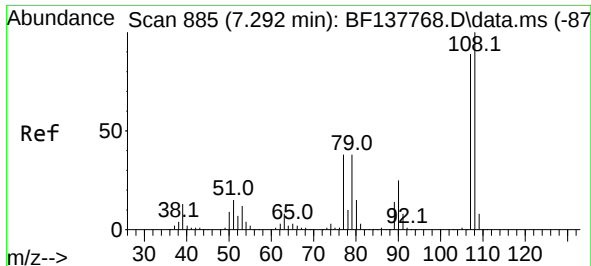
Tgt Ion: 79 Resp: 476287
Ion Ratio Lower Upper
79 100
108 79.6 64.2 96.2
77 60.6 48.5 72.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.827 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion: 45 Resp: 651477
Ion Ratio Lower Upper
45 100
77 15.6 0.0 33.8
79 11.7 0.0 31.0

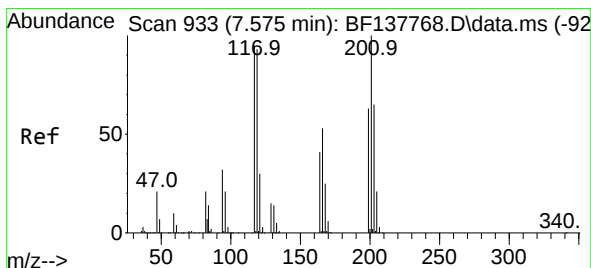
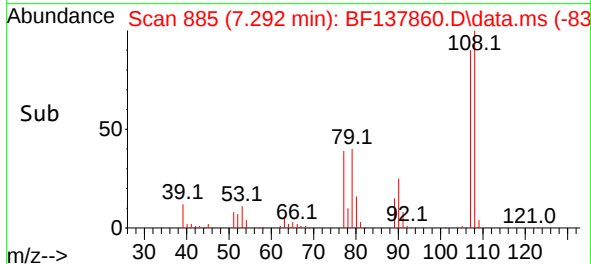
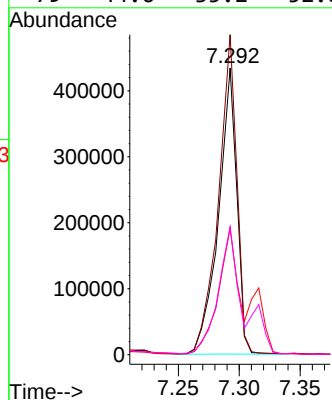
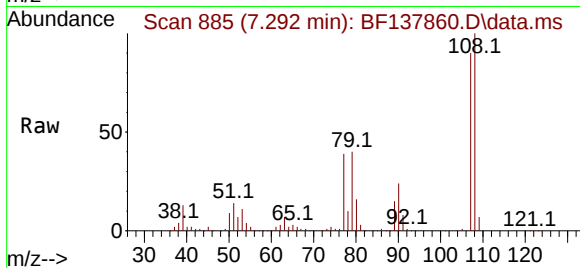




#17
2-Methylphenol
Concen: 46.354 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

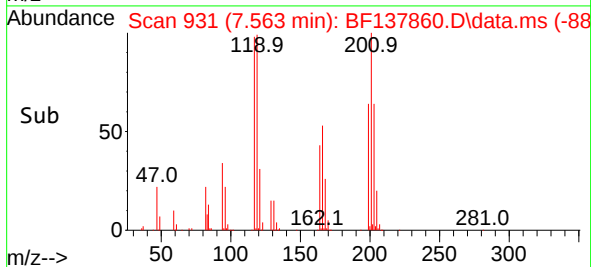
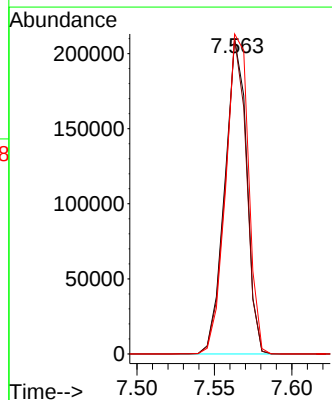
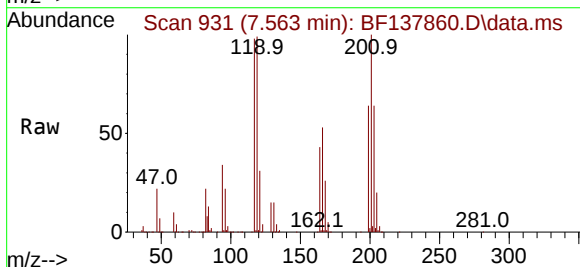
Instrument :
BNA_F
ClientSampleId :
PB160643BS

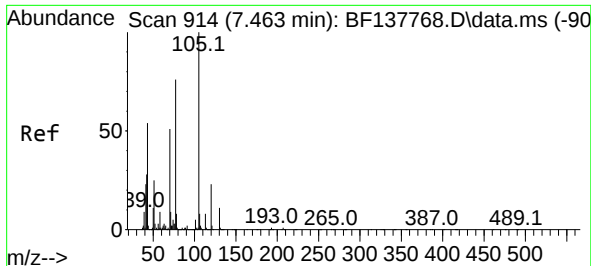
Tgt Ion:	107	Resp:	454709
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.5	135.7
77	44.0	34.5	51.7
79	44.6	35.2	52.8



#18
Hexachloroethane
Concen: 44.287 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:	117	Resp:	205946
Ion	Ratio	Lower	Upper
117	100		
119	100.1	77.6	116.4
201	101.6	83.8	125.8

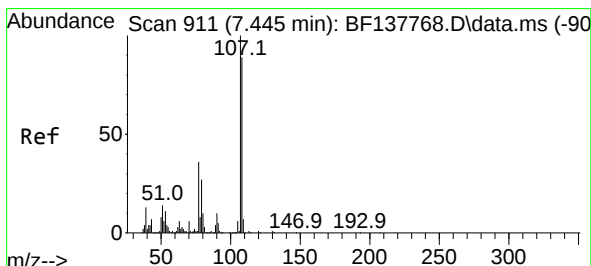
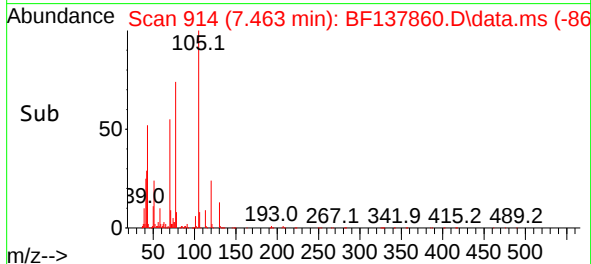
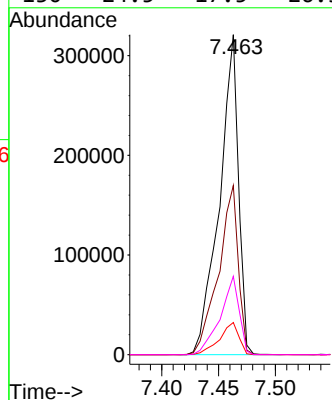
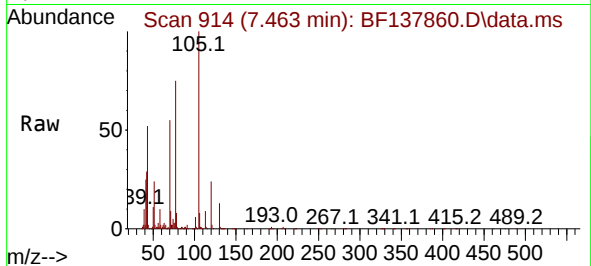




#19
n-Nitroso-di-n-propylamine
Concen: 44.357 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

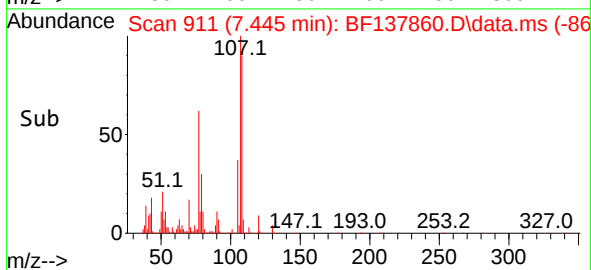
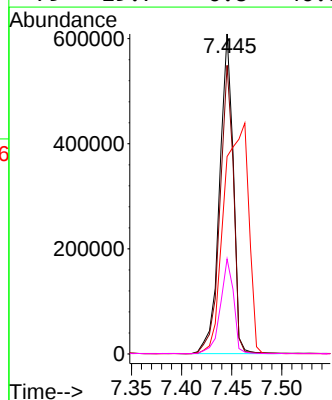
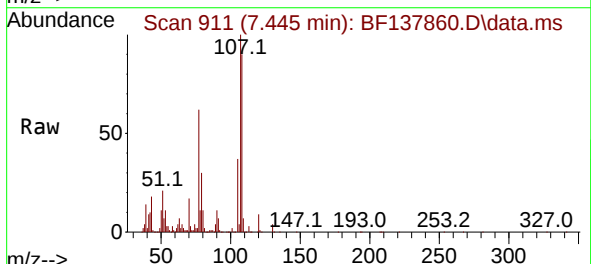
Instrument :
BNA_F
ClientSampleId :
PB160643BS

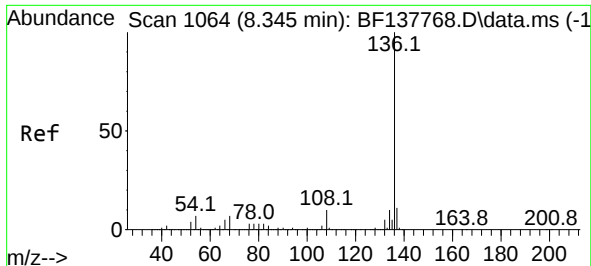
Tgt Ion:	70	Resp:	375074
Ion	Ratio	Lower	Upper
70	100		
42	52.8	44.6	66.8
101	10.1	7.8	11.6
130	24.5	17.5	26.3



#20
3+4-Methylphenols
Concen: 44.532 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:	107	Resp:	574717
Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.3	109.3
77	61.7	15.7	55.7#
79	29.7	6.8	46.8



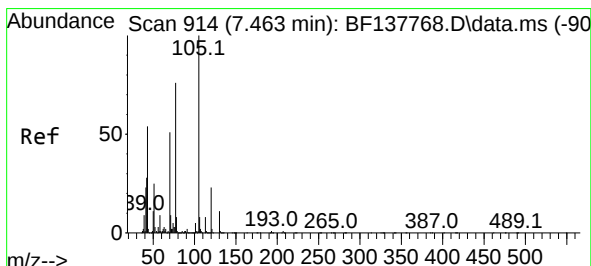
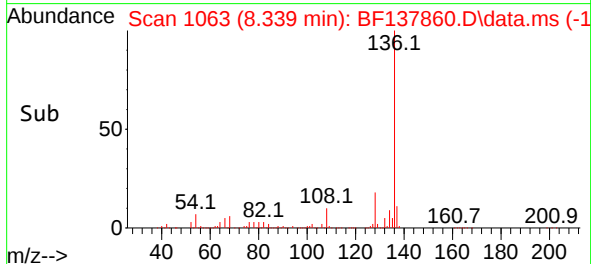
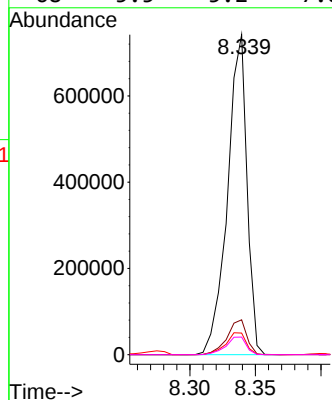
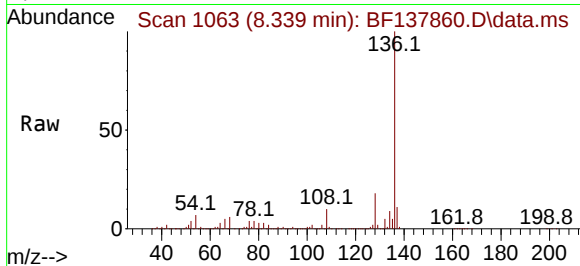


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Instrument :
BNA_F
ClientSampleId :
PB160643BS

Tgt Ion:136 Resp: 765296

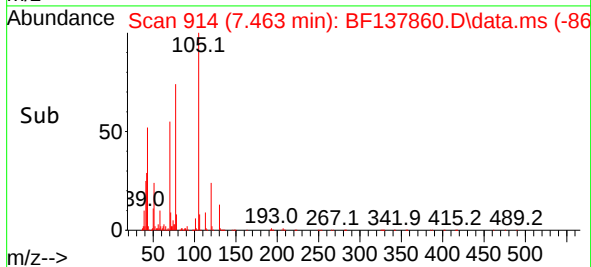
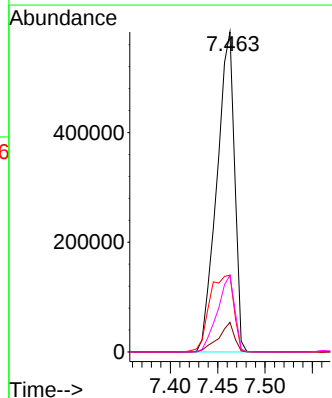
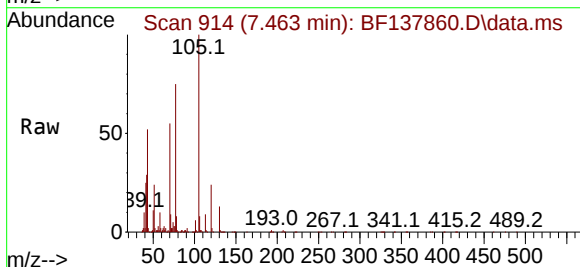
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.8	8.8
68	5.5	5.2	7.8

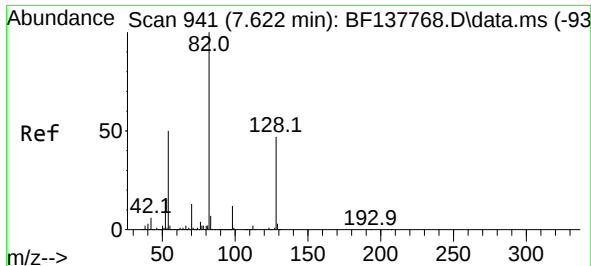


#22
Acetophenone
Concen: 44.001 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:105 Resp: 757337

Ion	Ratio	Lower	Upper
105	100		
71	9.2	6.9	10.3
51	24.0	20.2	30.2
120	24.0	18.6	27.8





#23

Nitrobenzene-d5

Concen: 82.850 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

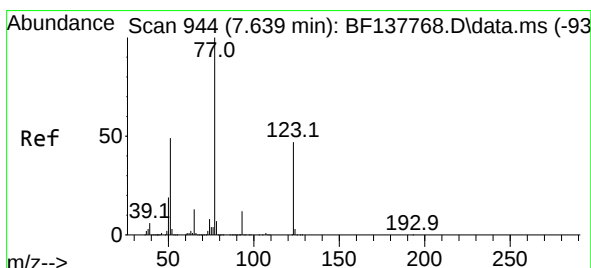
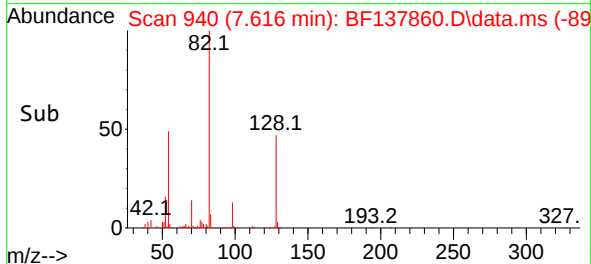
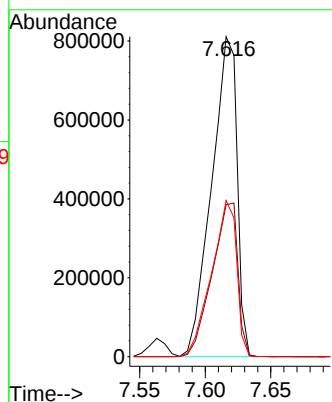
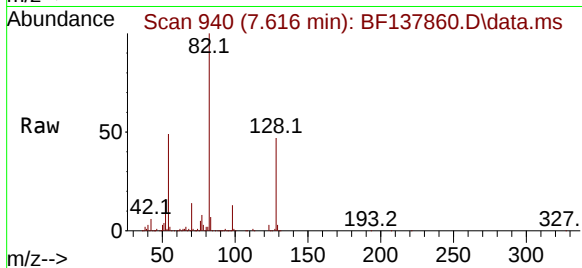
BNA_F

ClientSampleId :

PB160643BS

Tgt Ion: 82 Resp: 1091342

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.5	56.3
54	48.8	39.8	59.6



#24

Nitrobenzene

Concen: 41.559 ng

RT: 7.634 min Scan# 943

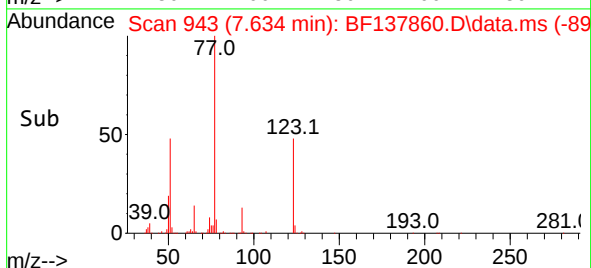
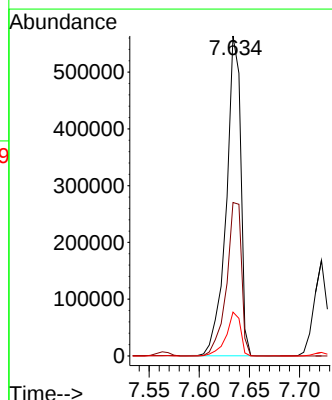
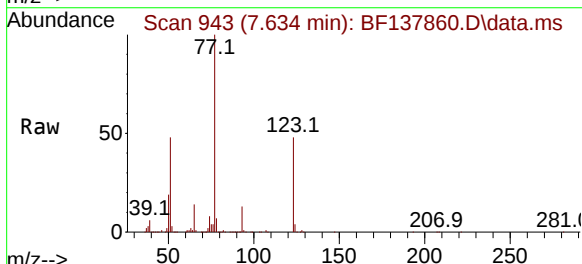
Delta R.T. -0.006 min

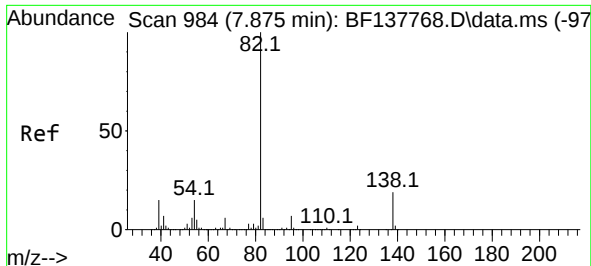
Lab File: BF137860.D

Acq: 09 May 2024 12:22

Tgt Ion: 77 Resp: 564215

Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.4	56.2
65	13.7	10.7	16.1

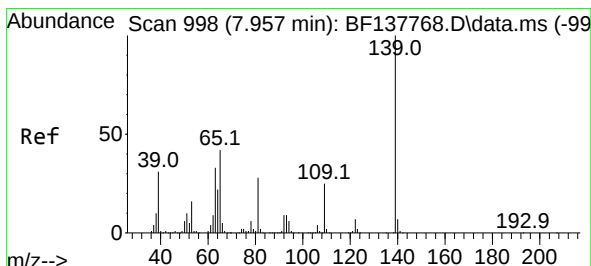
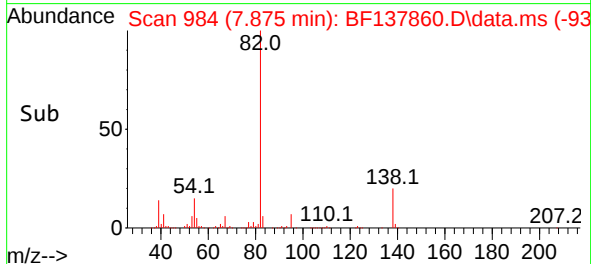
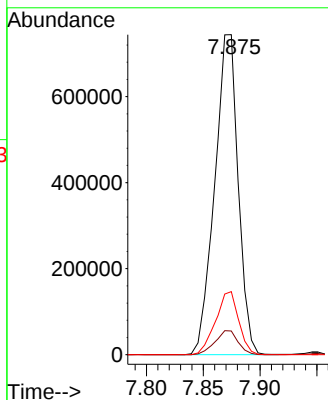
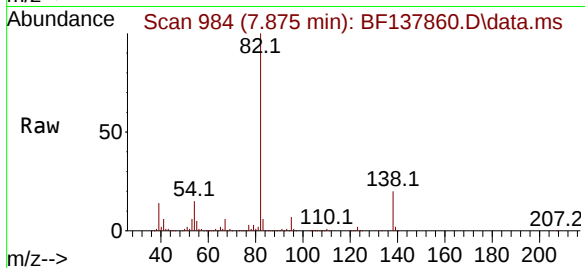




#25
Isophorone
Concen: 45.157 ng
RT: 7.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

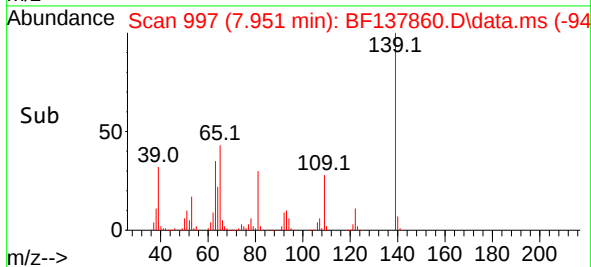
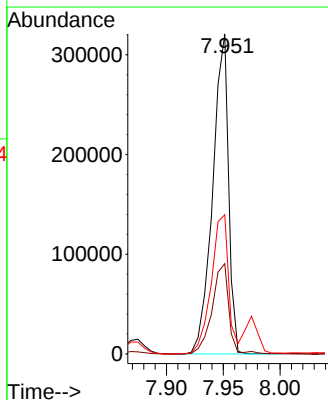
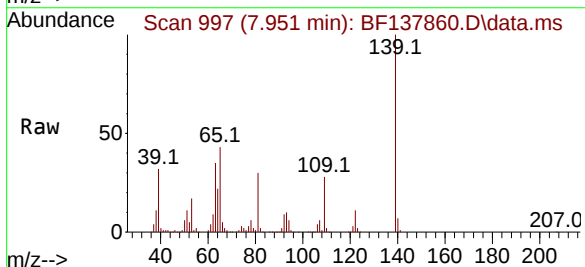
Instrument :
BNA_F
ClientSampleId :
PB160643BS

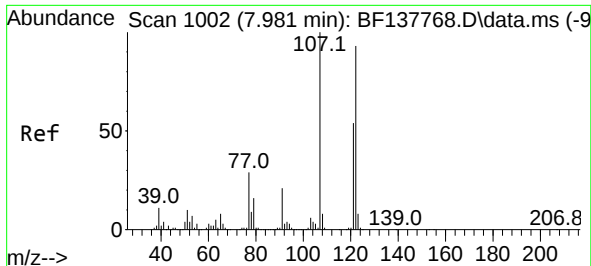
Tgt Ion: 82 Resp: 1072489
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 19.7 15.0 22.6



#26
2-Nitrophenol
Concen: 50.758 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

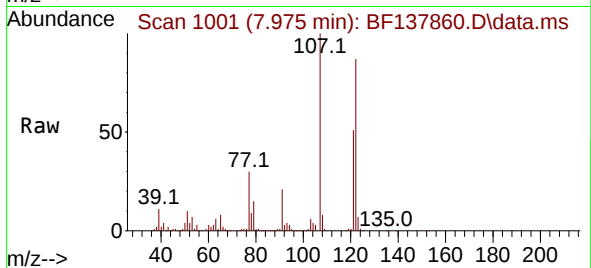
Tgt Ion:139 Resp: 312057
Ion Ratio Lower Upper
139 100
109 28.2 20.2 30.2
65 43.5 33.4 50.0



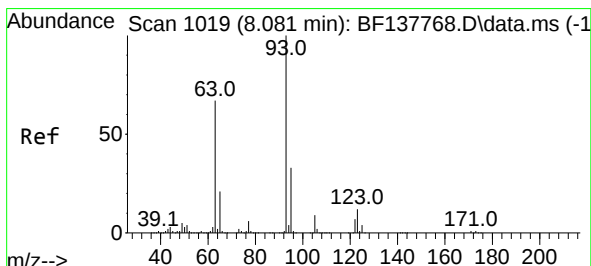
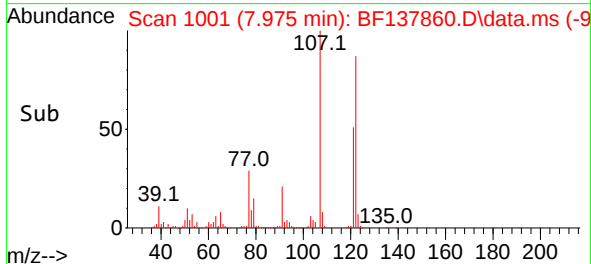
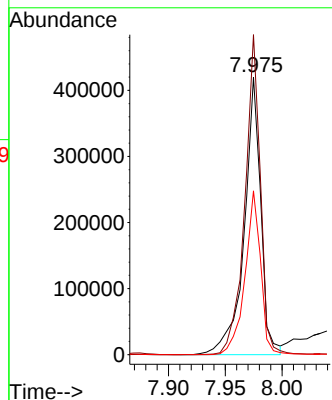


#27
2,4-Dimethylphenol
Concen: 48.244 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Instrument :
BNA_F
ClientSampleId :
PB160643BS

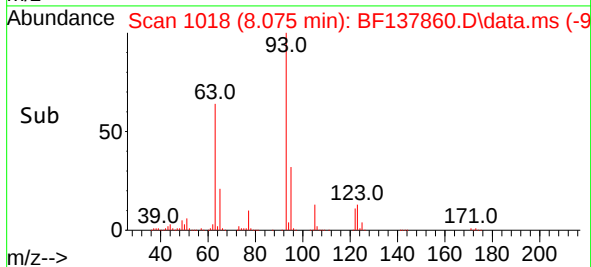
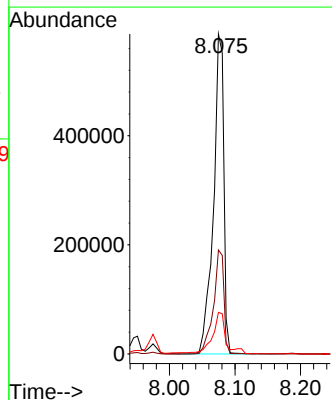
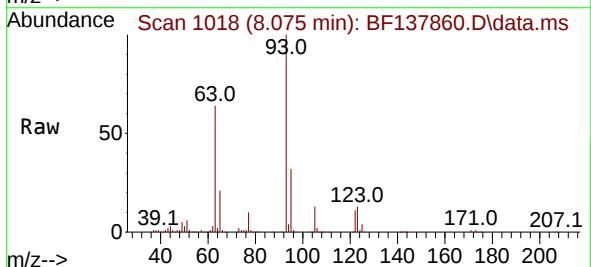


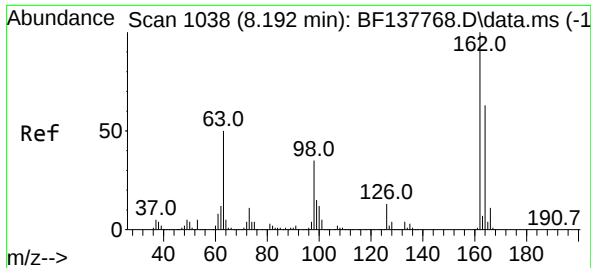
Tgt Ion:122 Resp: 427001
Ion Ratio Lower Upper
122 100
107 115.2 85.8 128.8
121 59.0 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.825 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion: 93 Resp: 644573
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 47.009 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160643BS

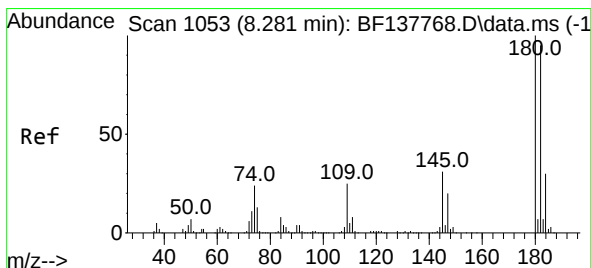
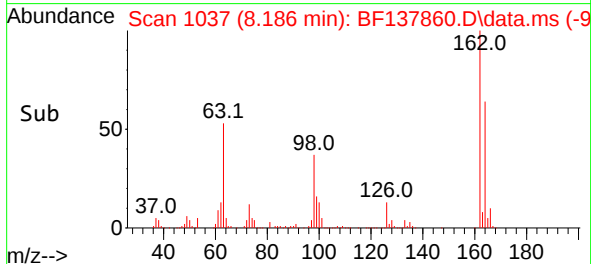
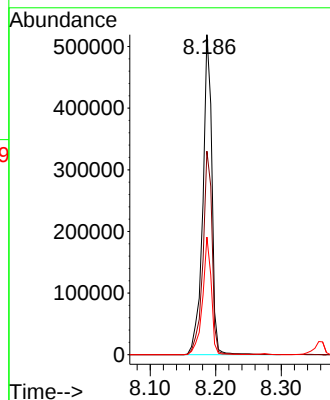
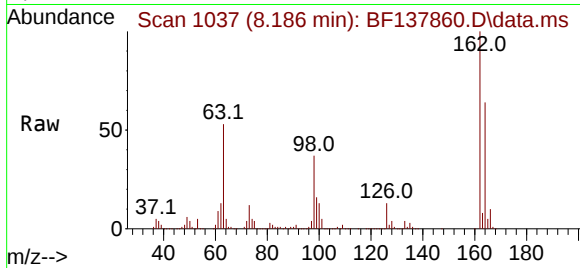
Tgt Ion:162 Resp: 502901

Ion Ratio Lower Upper

162 100

164 63.6 43.5 83.5

98 36.8 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 44.064 ng

RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

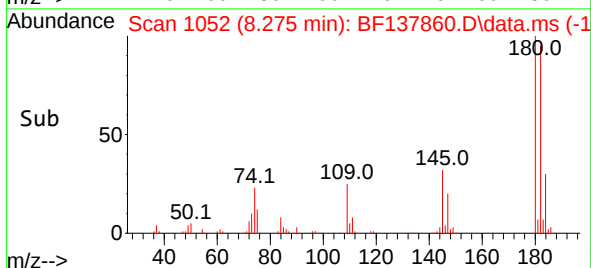
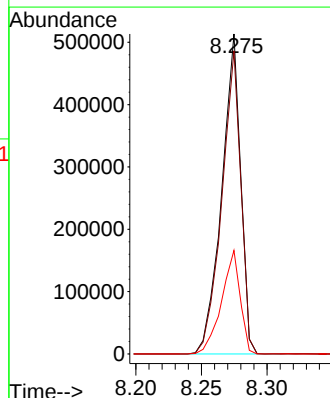
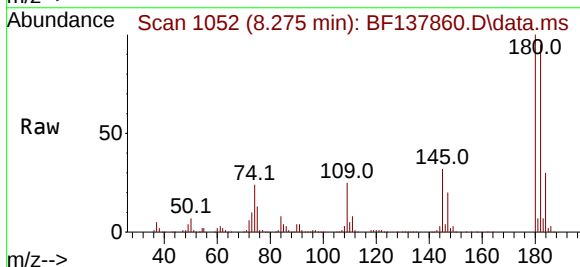
Tgt Ion:180 Resp: 513887

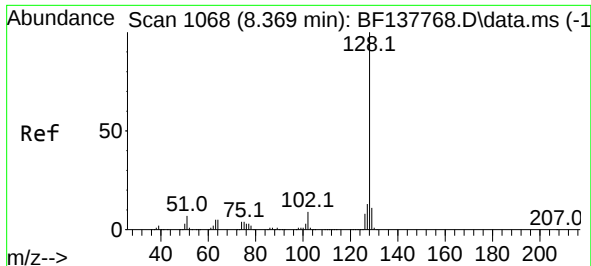
Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

145 32.4 25.1 37.7

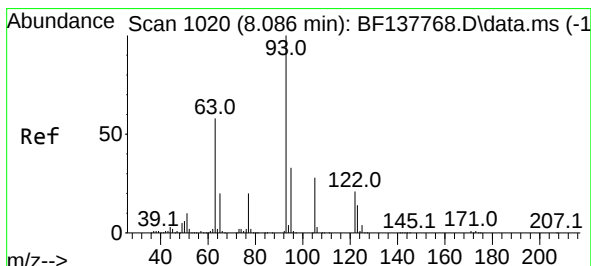
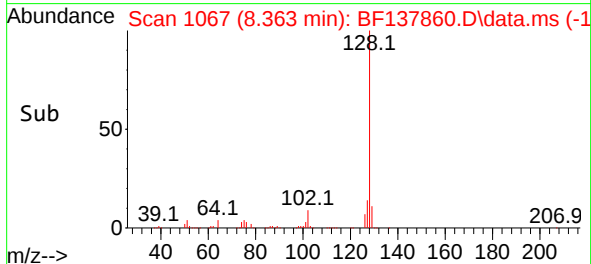
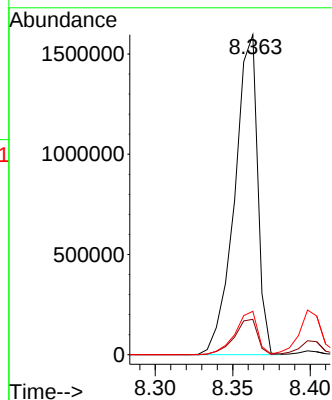
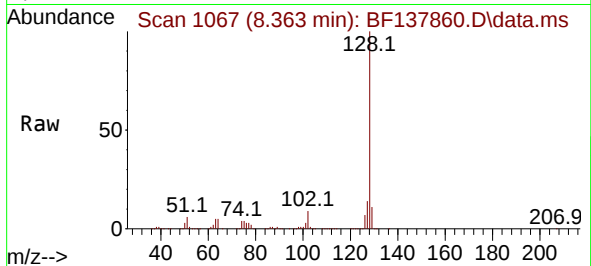




#31
Naphthalene
Concen: 43.251 ng
RT: 8.363 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

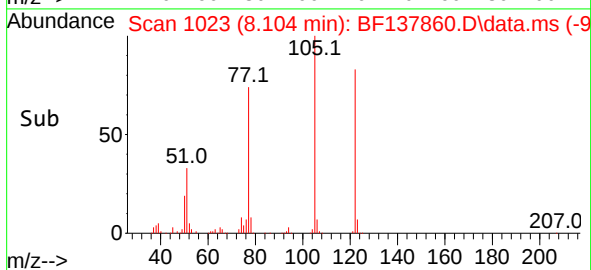
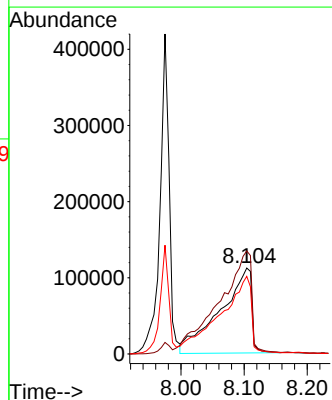
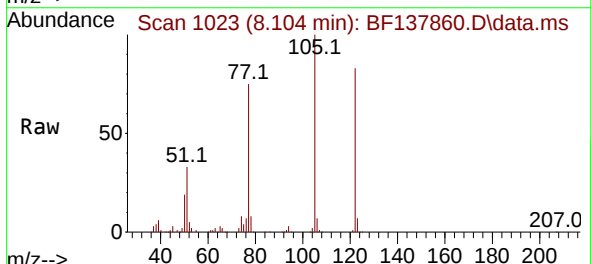
Instrument :
BNA_F
ClientSampleId :
PB160643BS

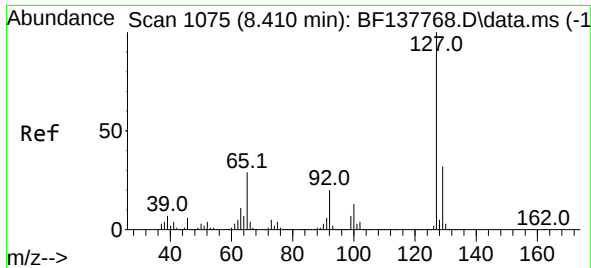
Tgt Ion:128 Resp: 1644929
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 50.408 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.018 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:122 Resp: 384897
Ion Ratio Lower Upper
122 100
105 119.8 105.3 145.3
77 90.3 73.2 113.2

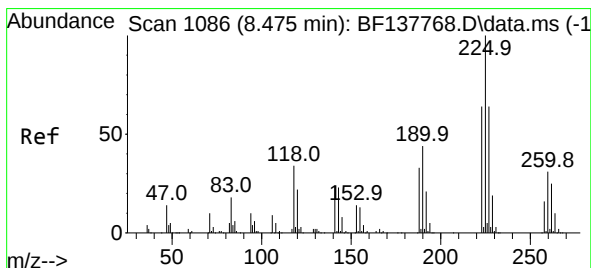
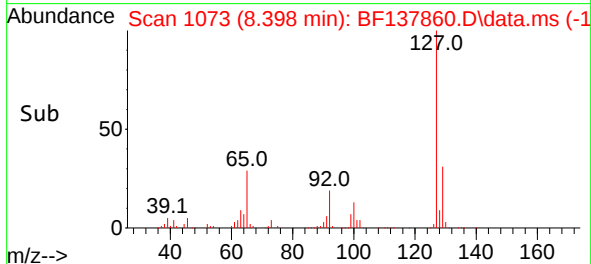
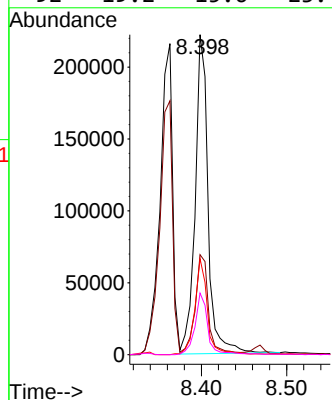
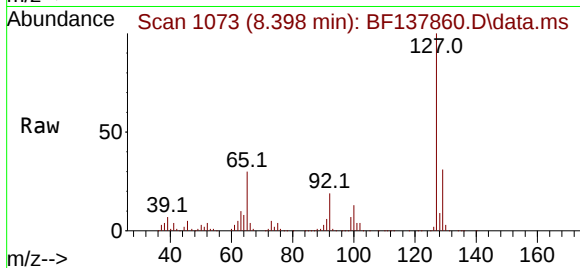




#33
4-Chloroaniline
Concen: 16.575 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

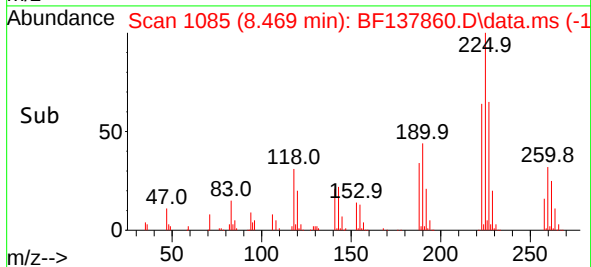
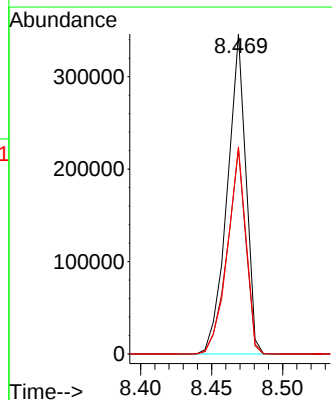
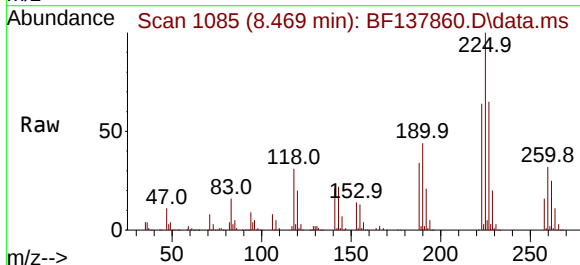
Instrument :
BNA_F
ClientSampleId :
PB160643BS

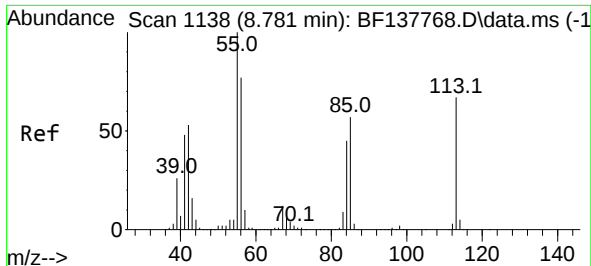
Tgt Ion:	127	Resp:	233763
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.7	38.5
65	30.0	23.4	35.2
92	19.2	15.6	23.4



#34
Hexachlorobutadiene
Concen: 44.139 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:	225	Resp:	316040
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.1	76.7
227	64.8	51.4	77.0

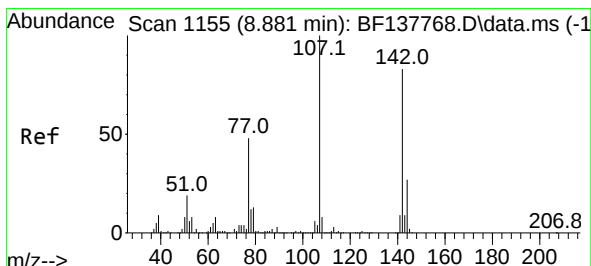
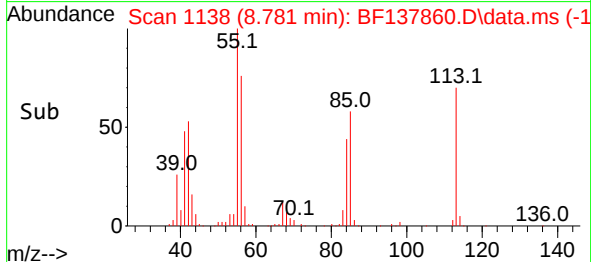
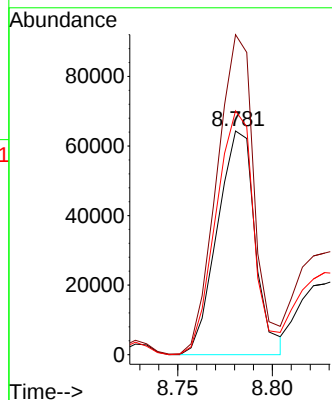
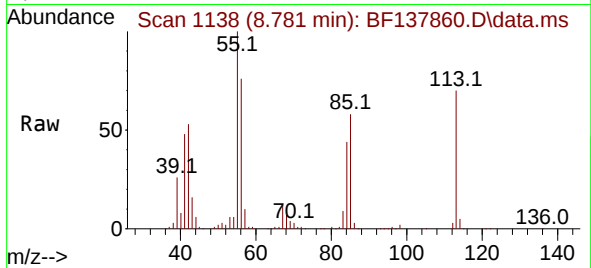




#35
 Caprolactam
 Concen: 26.406 ng
 RT: 8.781 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: BF137860.D
 Acq: 09 May 2024 12:22

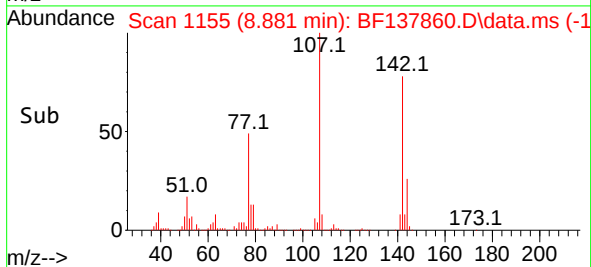
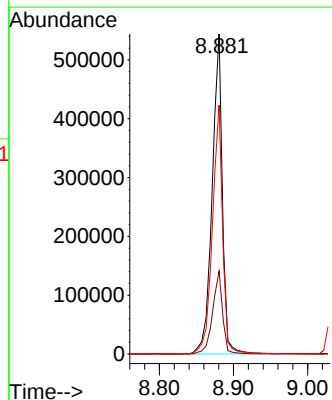
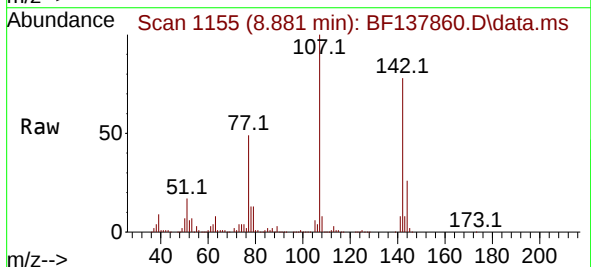
Instrument :
 BNA_F
 ClientSampleId :
 PB160643BS

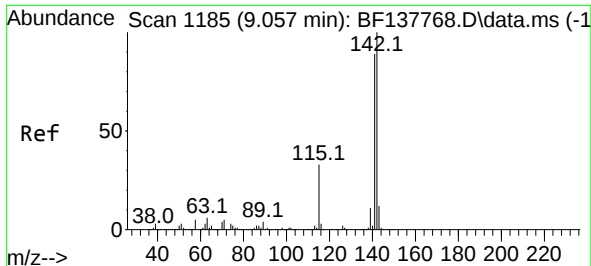
Tgt Ion:113 Resp: 89506
 Ion Ratio Lower Upper
 113 100
 55 143.1 128.7 168.7
 56 109.0 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 46.787 ng
 RT: 8.881 min Scan# 1155
 Delta R.T. 0.000 min
 Lab File: BF137860.D
 Acq: 09 May 2024 12:22

Tgt Ion:107 Resp: 521964
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.4 32.0
 142 77.8 66.2 99.2





#37

2-Methylnaphthalene

Concen: 45.296 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

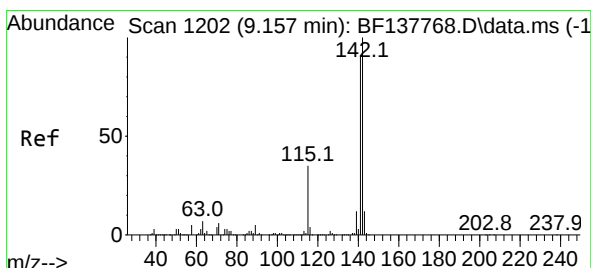
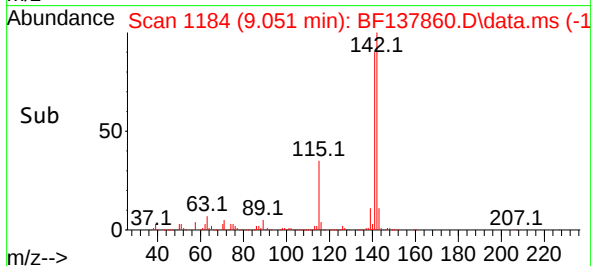
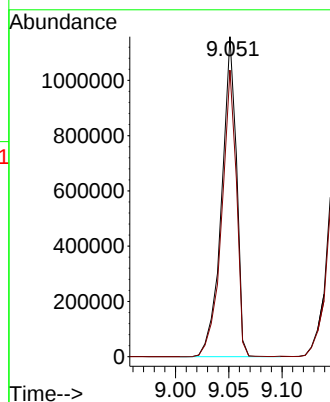
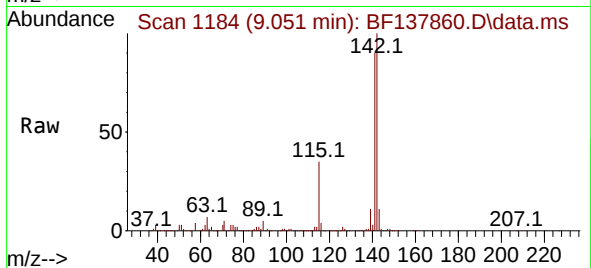
PB160643BS

Tgt Ion:142 Resp: 1115122

Ion Ratio Lower Upper

142 100

141 89.5 70.8 106.2



#38

1-Methylnaphthalene

Concen: 42.390 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137860.D

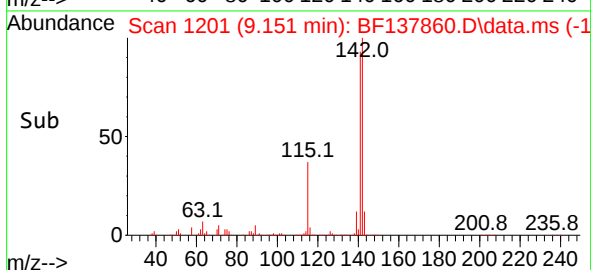
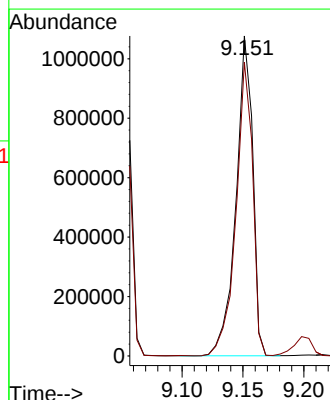
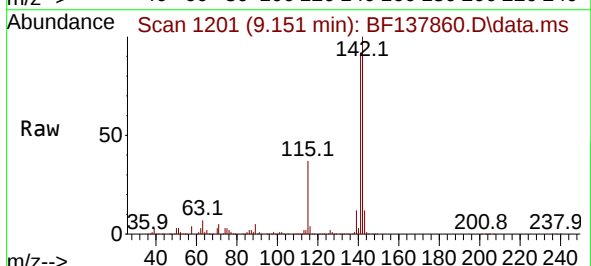
Acq: 09 May 2024 12:22

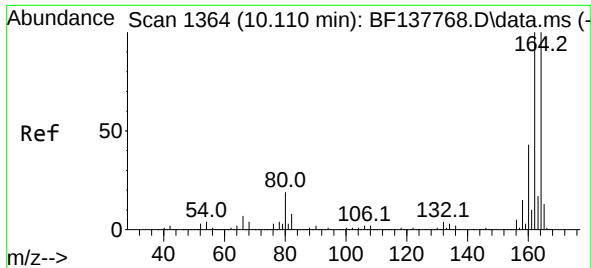
Tgt Ion:142 Resp: 1026699

Ion Ratio Lower Upper

142 100

141 91.8 73.1 109.7

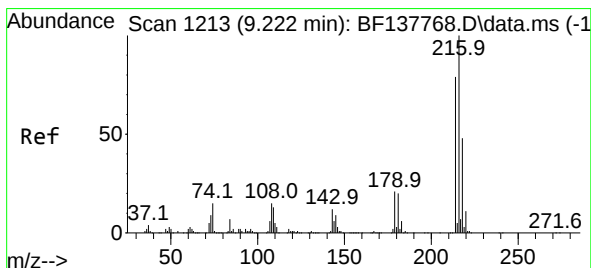
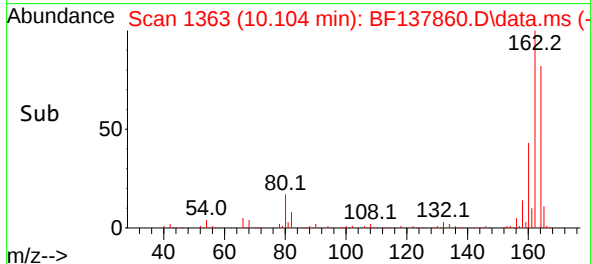
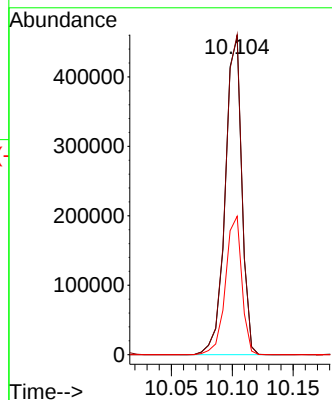
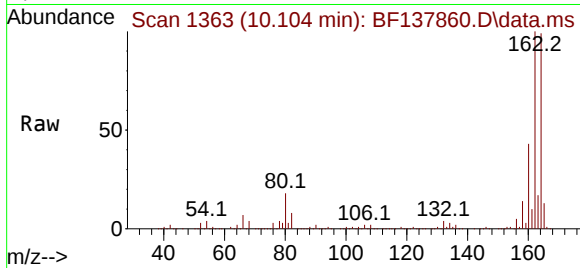




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

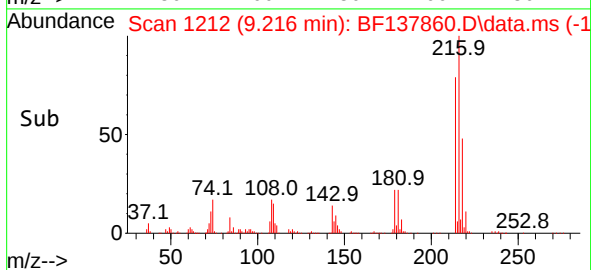
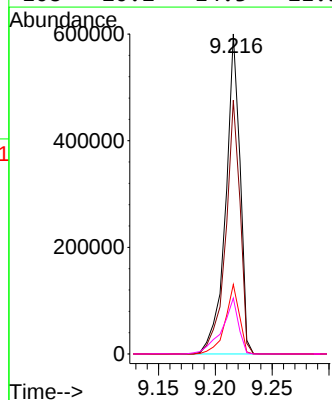
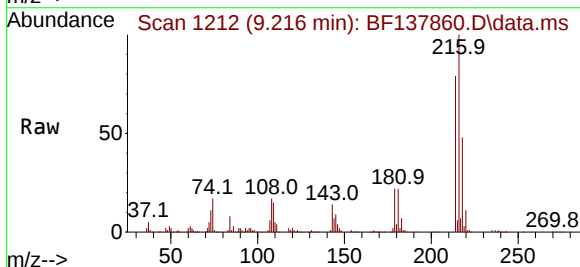
Instrument :
BNA_F
ClientSampleId :
PB160643BS

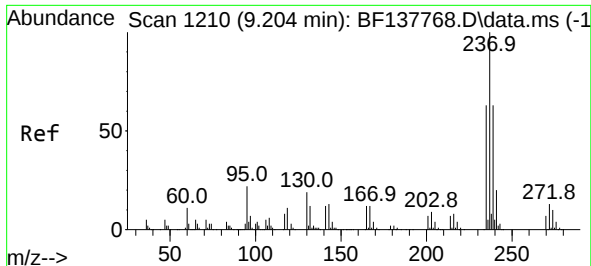
Tgt Ion:164 Resp: 433458
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.6
160 43.6 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.850 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

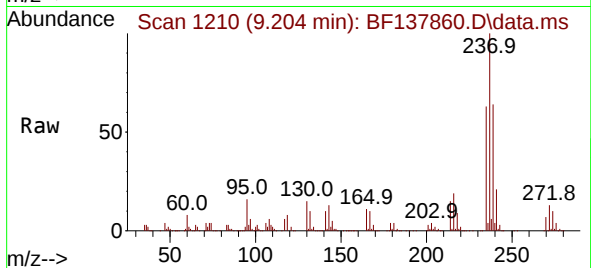
Tgt Ion:216 Resp: 526373
Ion Ratio Lower Upper
216 100
214 79.1 63.3 94.9
179 21.4 16.8 25.2
108 20.2 14.3 21.5



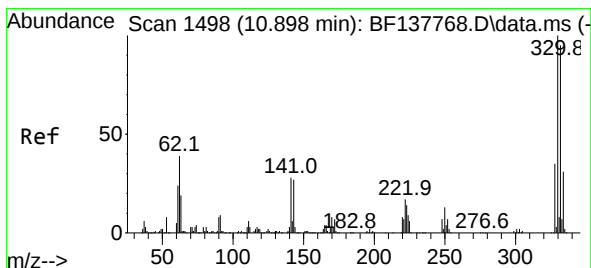
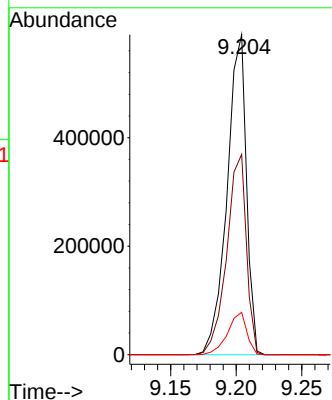
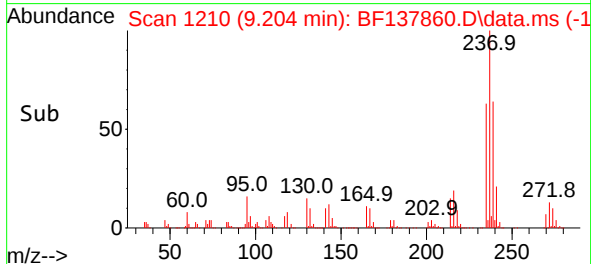


#41
Hexachlorocyclopentadiene
Concen: 129.957 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

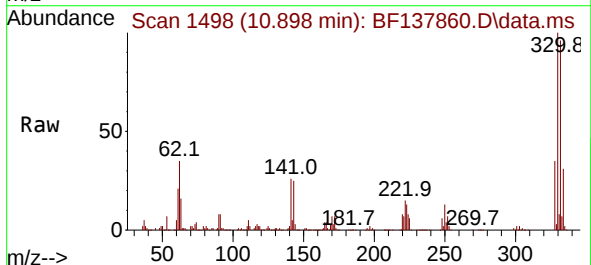
Instrument :
BNA_F
ClientSampleId :
PB160643BS



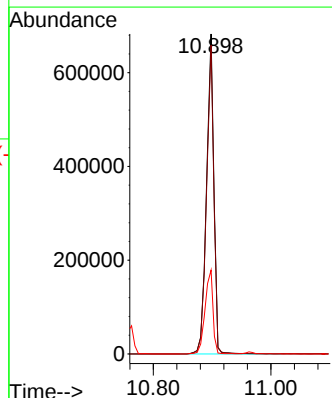
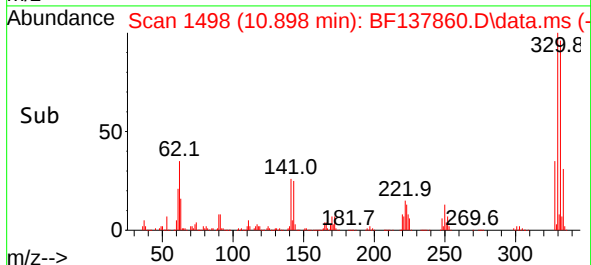
Tgt Ion:237 Resp: 605998
Ion Ratio Lower Upper
237 100
235 62.6 43.0 83.0
272 13.2 0.0 32.8

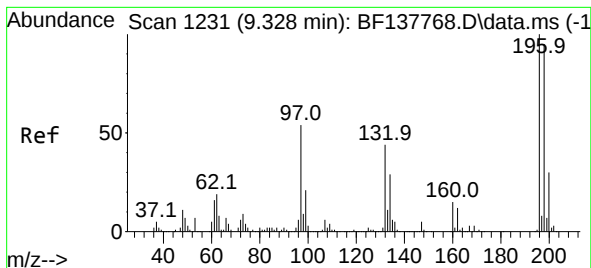


#42
2,4,6-Tribromophenol
Concen: 134.378 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22



Tgt Ion:330 Resp: 594718
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 28.3 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 47.862 ng

RT: 9.328 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160643BS

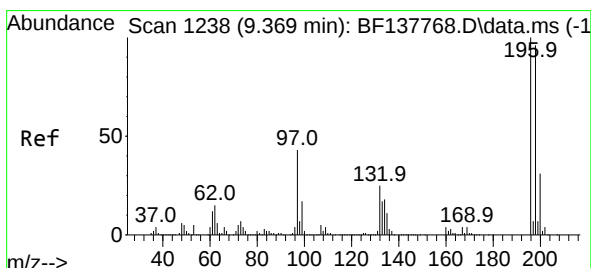
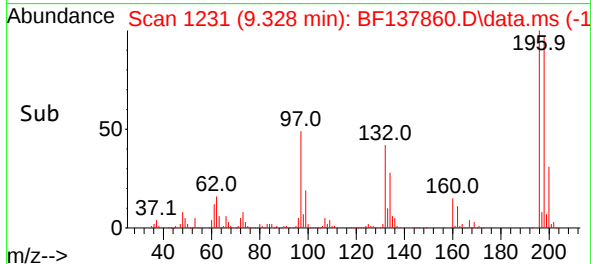
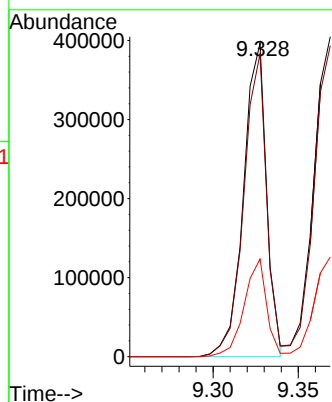
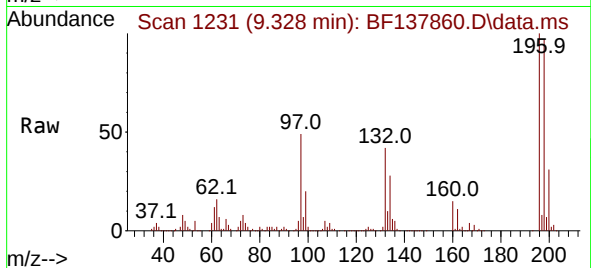
Tgt Ion:196 Resp: 374029

Ion Ratio Lower Upper

196 100

198 96.7 76.2 114.4

200 31.2 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 44.743 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Tgt Ion:196 Resp: 386087

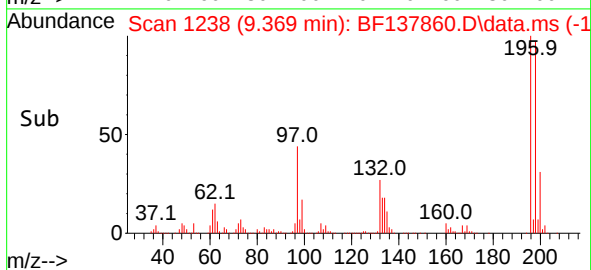
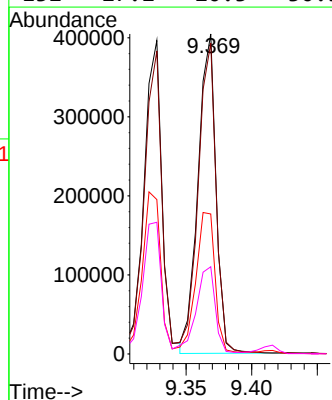
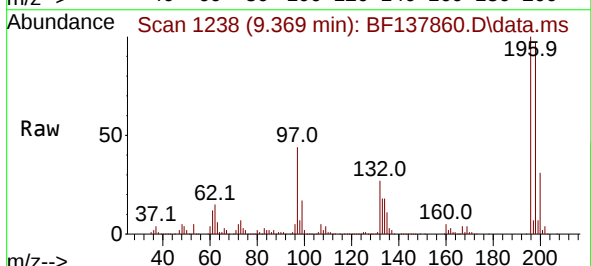
Ion Ratio Lower Upper

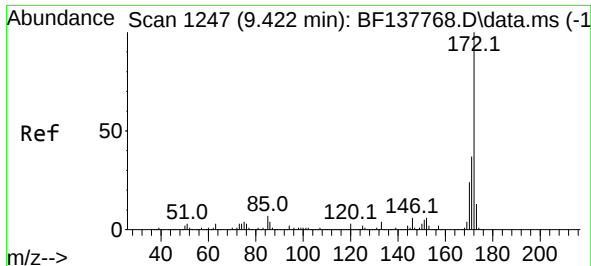
196 100

198 97.2 76.6 114.8

97 43.7 34.5 51.7

132 27.2 20.3 30.5

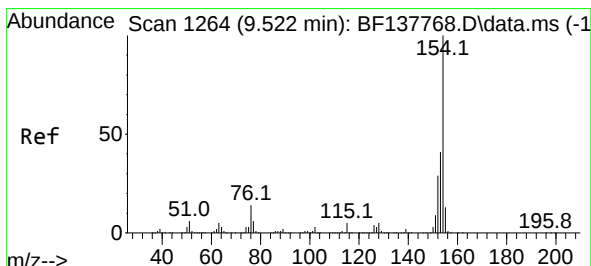
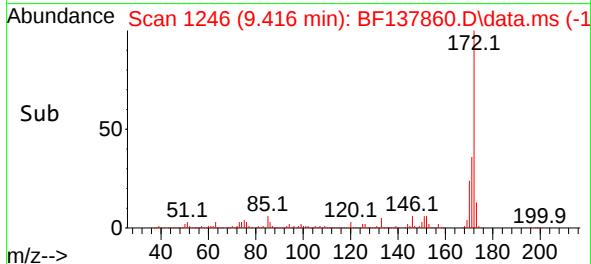
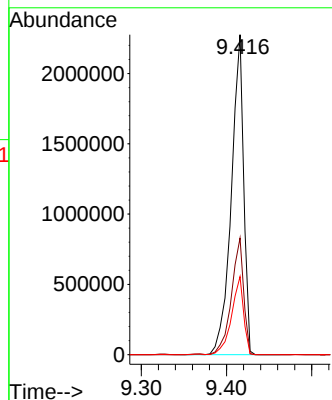
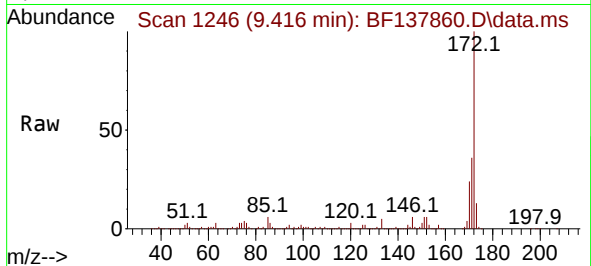




#45
2-Fluorobiphenyl
Concen: 86.033 ng
RT: 9.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

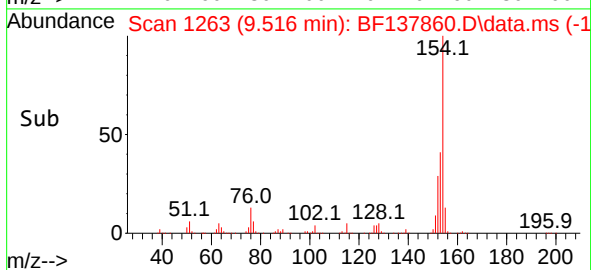
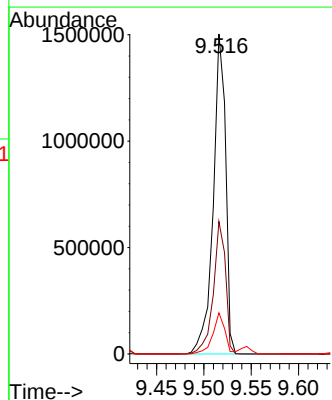
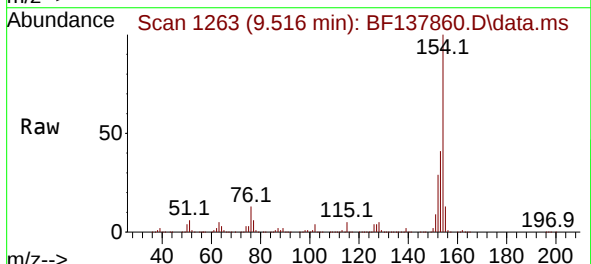
Instrument :
BNA_F
ClientSampleId :
PB160643BS

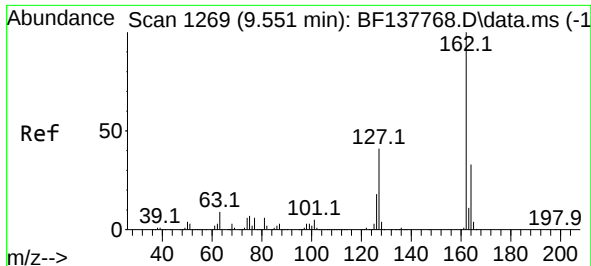
Tgt Ion:172 Resp: 2298612
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.4 19.4 29.2



#46
1,1'-Biphenyl
Concen: 45.871 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:154 Resp: 1364539
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 12.9 0.0 33.5

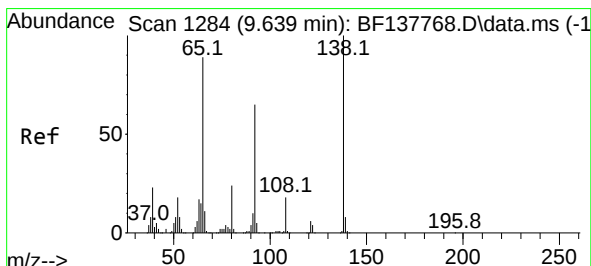
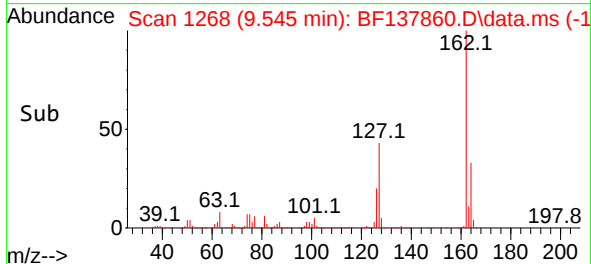
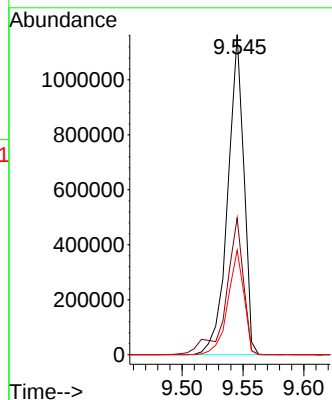
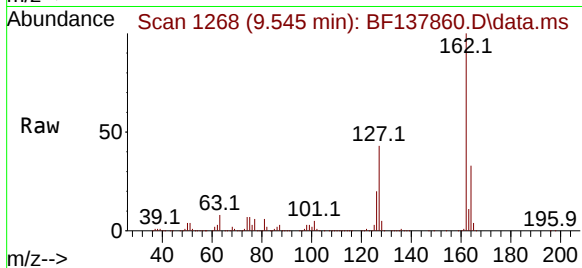




#47
2-Chloronaphthalene
Concen: 44.435 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

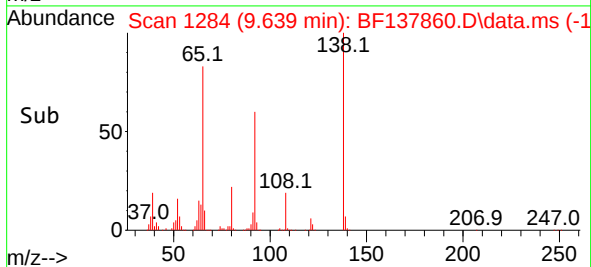
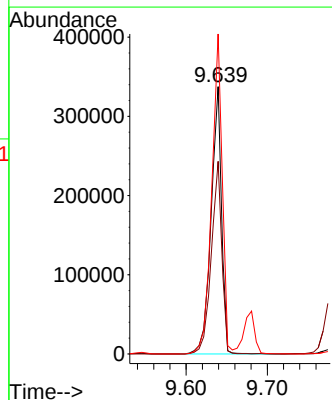
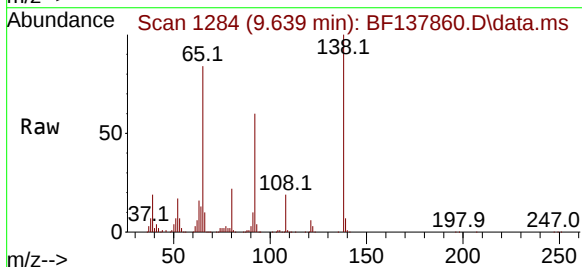
Instrument :
BNA_F
ClientSampleId :
PB160643BS

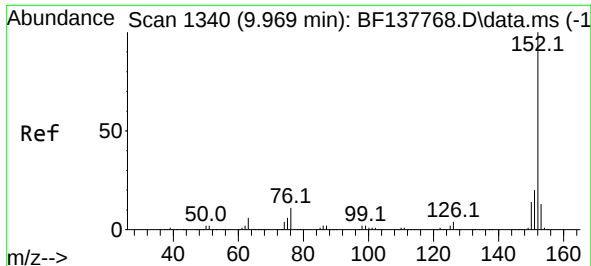
Tgt Ion:162 Resp: 1067173
Ion Ratio Lower Upper
162 100
127 42.8 32.6 49.0
164 32.6 26.5 39.7



#48
2-Nitroaniline
Concen: 46.217 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion: 65 Resp: 301031
Ion Ratio Lower Upper
65 100
92 72.1 58.6 88.0
138 119.7 90.3 135.5





#49

Acenaphthylene

Concen: 48.269 ng

RT: 9.969 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160643BS

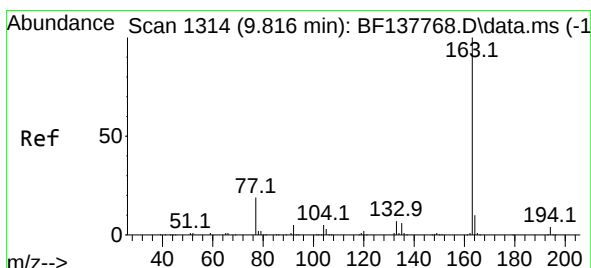
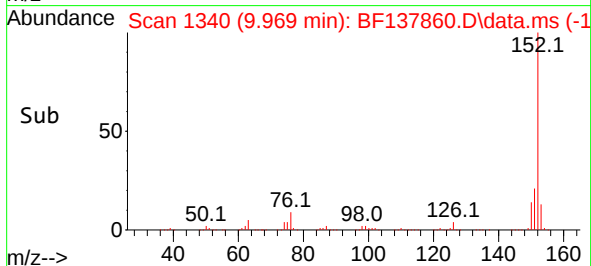
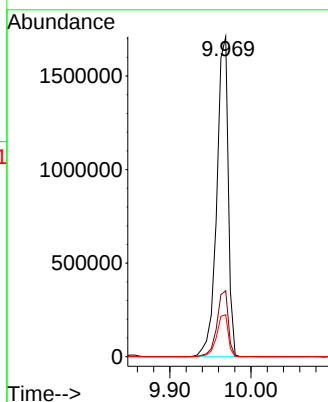
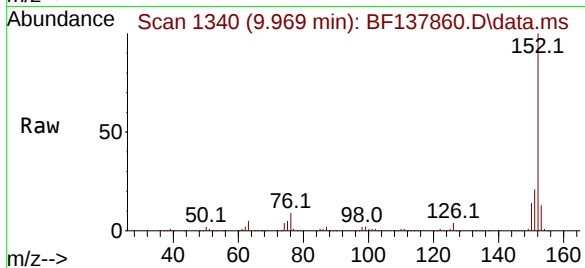
Tgt Ion:152 Resp: 1676961

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 47.539 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

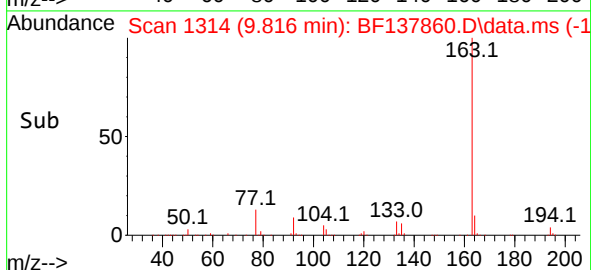
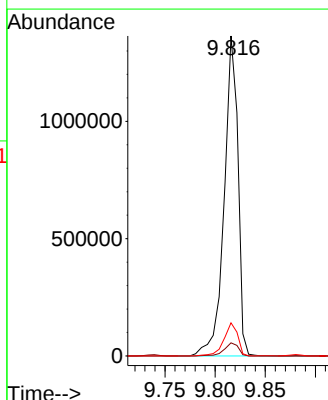
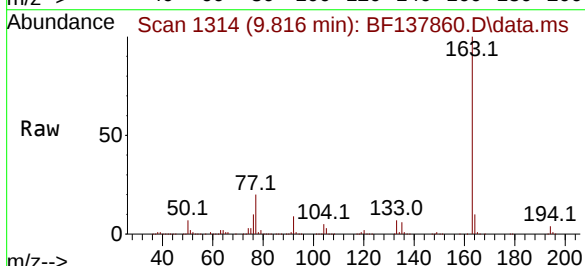
Tgt Ion:163 Resp: 1300838

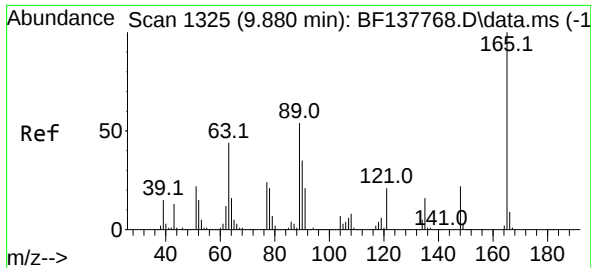
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.3 12.5

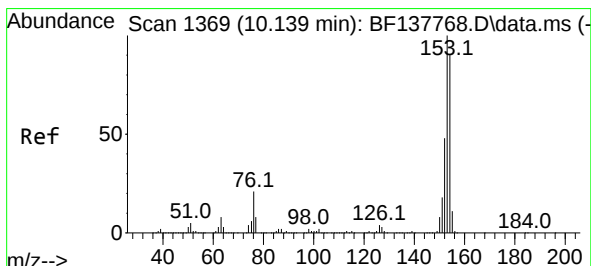
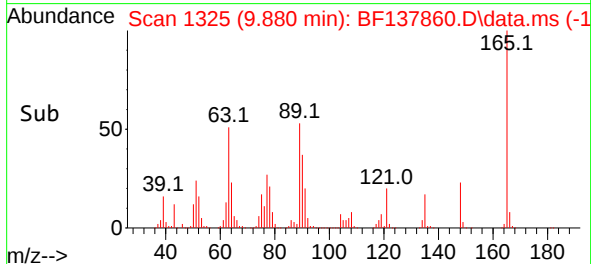
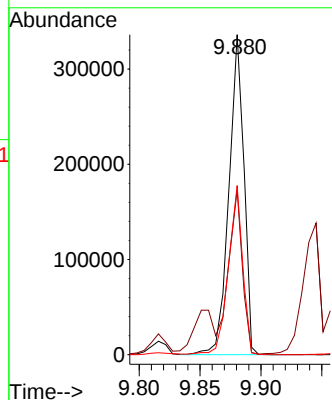
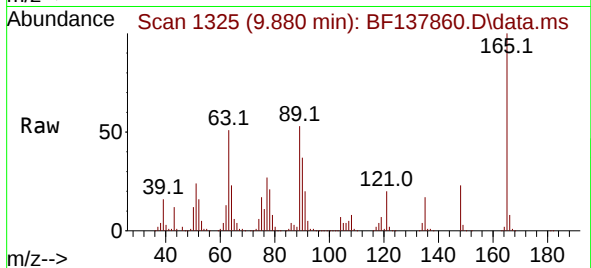




#51
2,6-Dinitrotoluene
Concen: 46.162 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

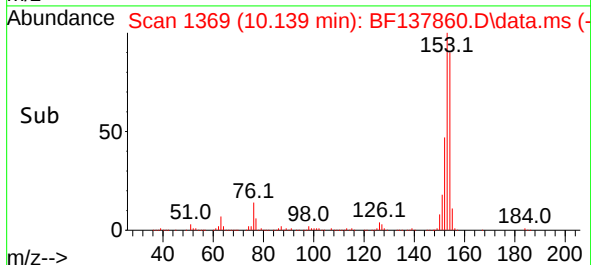
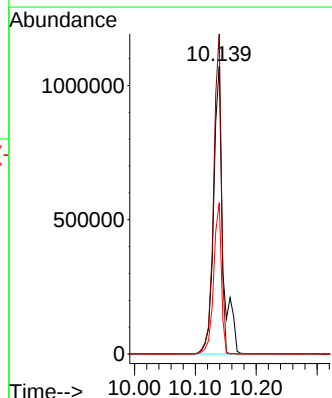
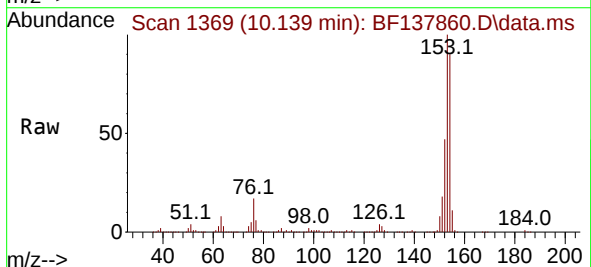
Instrument :
BNA_F
ClientSampleId :
PB160643BS

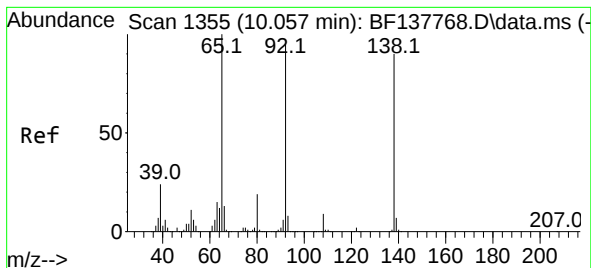
Tgt Ion:165 Resp: 288675
Ion Ratio Lower Upper
165 100
63 51.4 41.9 62.9
89 52.9 43.2 64.8



#52
Acenaphthene
Concen: 49.546 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:154 Resp: 1140972
Ion Ratio Lower Upper
154 100
153 111.2 88.7 133.1
152 52.6 42.8 64.2

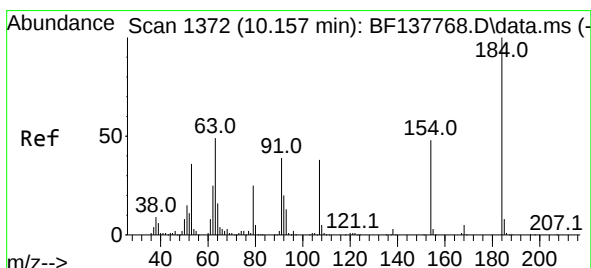
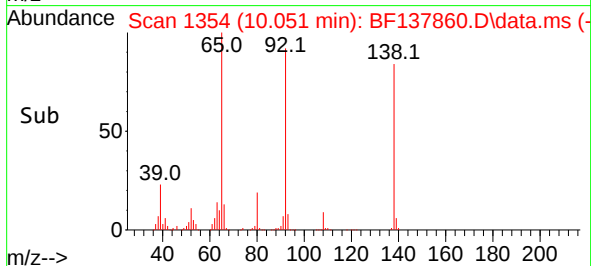
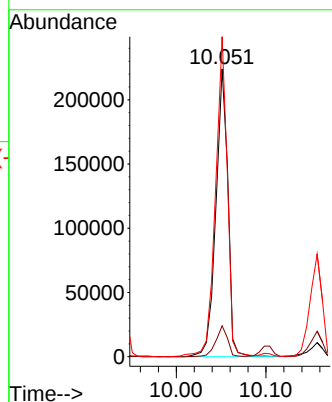
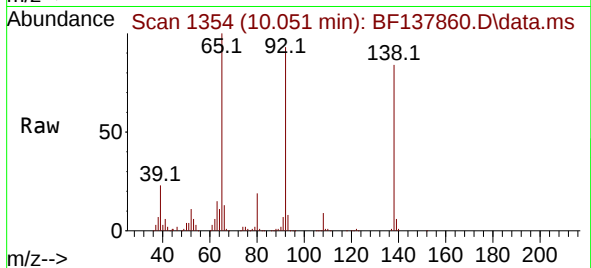




#53
3-Nitroaniline
Concen: 31.800 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

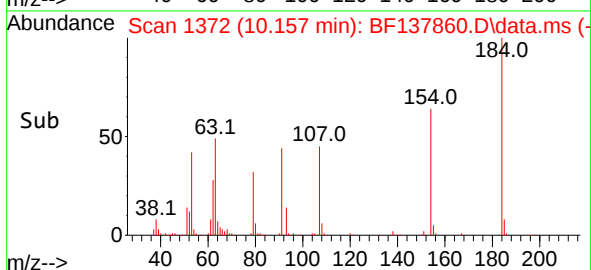
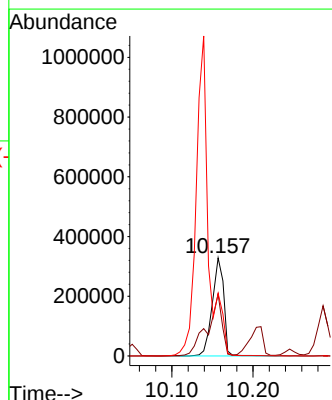
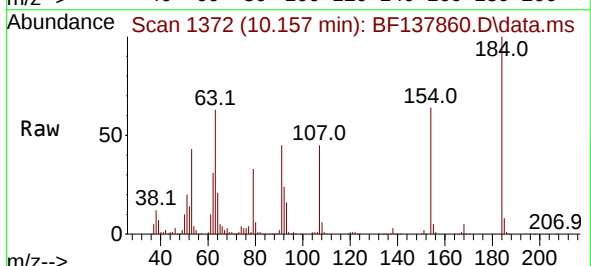
Instrument :
BNA_F
ClientSampleId :
PB160643BS

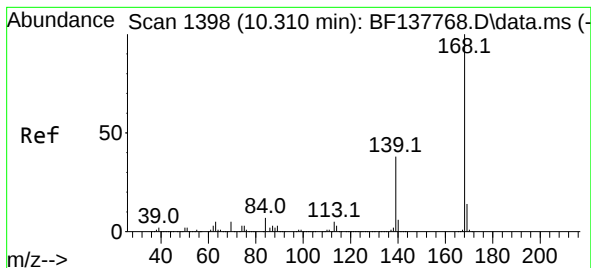
Tgt Ion:138 Resp: 208251
Ion Ratio Lower Upper
138 100
108 10.7 7.8 11.6
92 111.2 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 105.200 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:184 Resp: 323248
Ion Ratio Lower Upper
184 100
63 63.0 40.3 60.5#
154 63.8 45.2 67.8





#55

Dibenzofuran

Concen: 45.086 ng

RT: 10.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160643BS

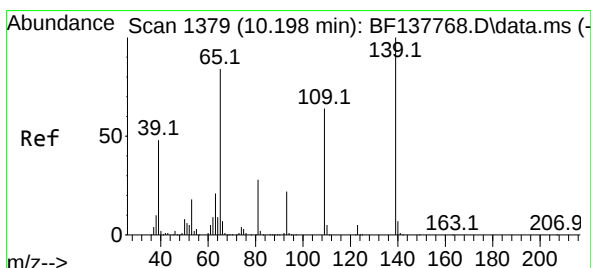
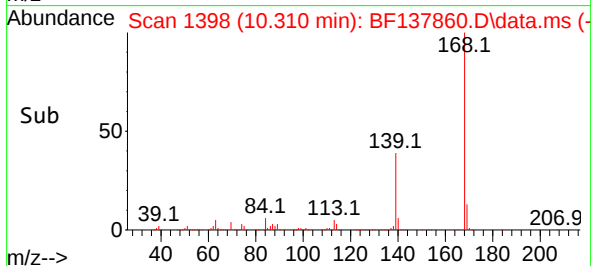
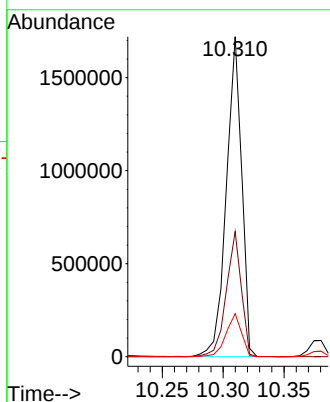
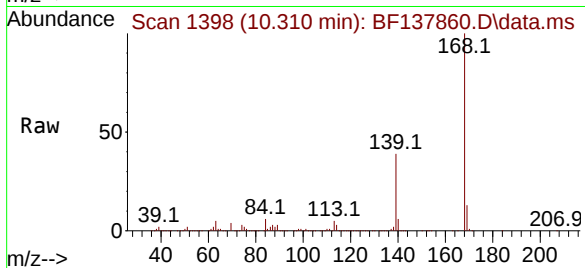
Tgt Ion:168 Resp: 1510895

Ion Ratio Lower Upper

168 100

139 39.1 30.2 45.4

169 13.4 11.4 17.0



#56

4-Nitrophenol

Concen: 83.012 ng

RT: 10.210 min Scan# 1381

Delta R.T. 0.012 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

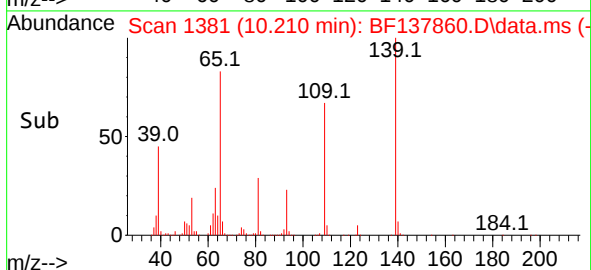
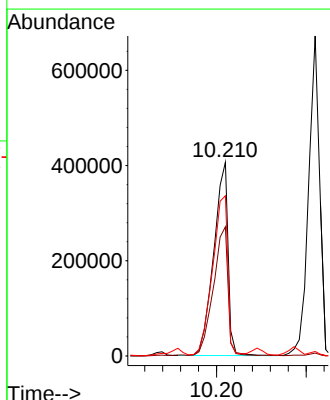
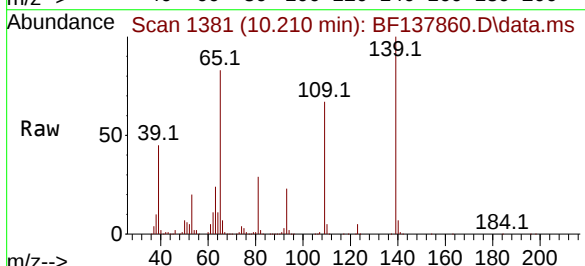
Tgt Ion:139 Resp: 450554

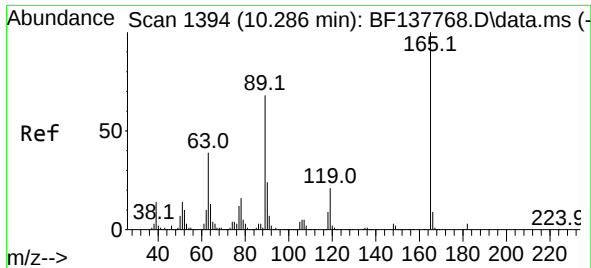
Ion Ratio Lower Upper

139 100

109 66.6 44.0 84.0

65 82.6 64.3 104.3

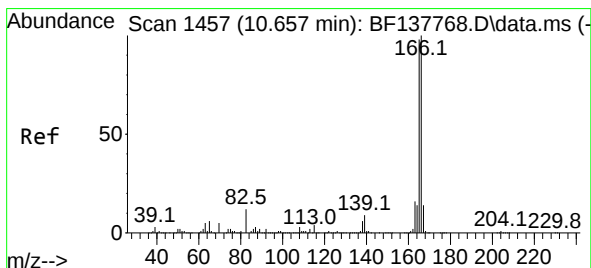
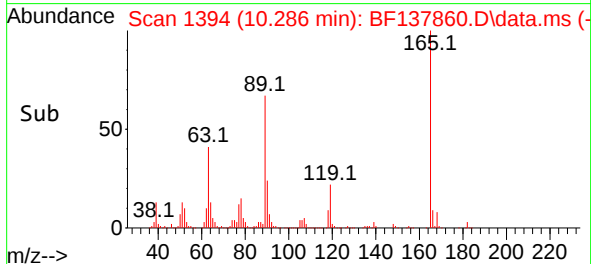
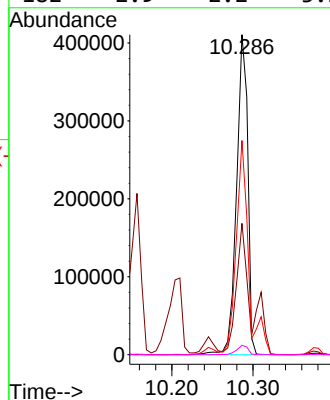
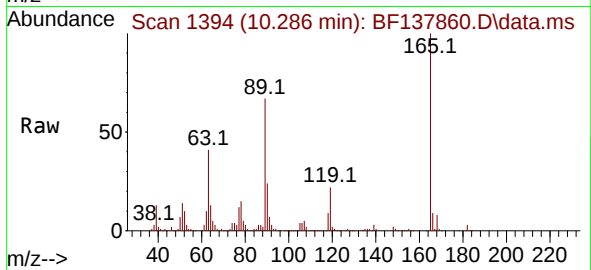




#57
2,4-Dinitrotoluene
Concen: 47.903 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

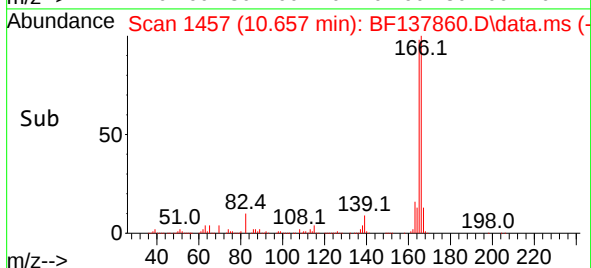
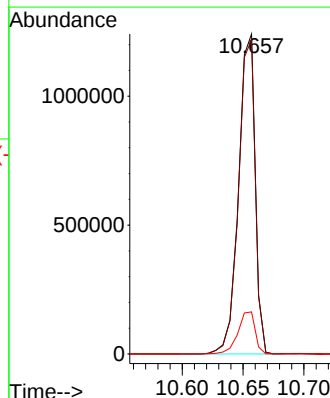
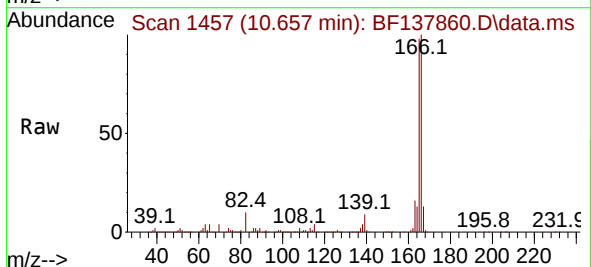
Instrument :
BNA_F
ClientSampleId :
PB160643BS

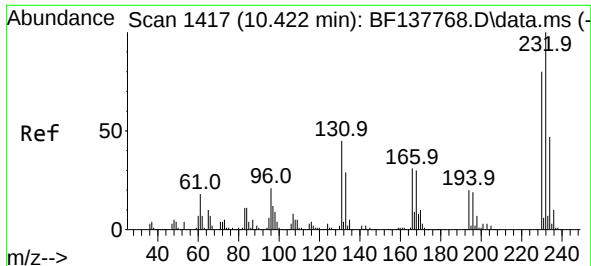
Tgt Ion:165 Resp: 391357
Ion Ratio Lower Upper
165 100
63 41.0 31.3 46.9
89 67.0 54.2 81.4
182 2.9 2.2 3.2



#58
Fluorene
Concen: 44.232 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:166 Resp: 1179694
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 13.2 10.9 16.3

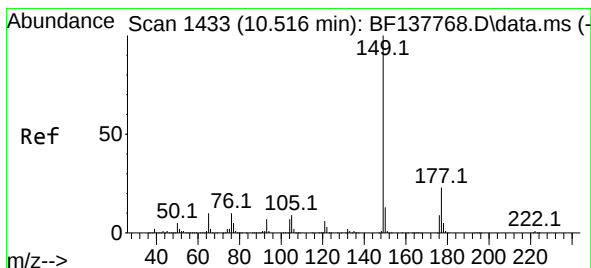
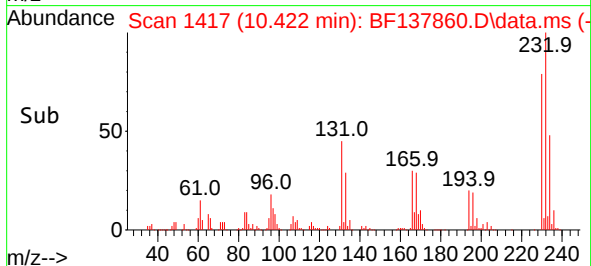
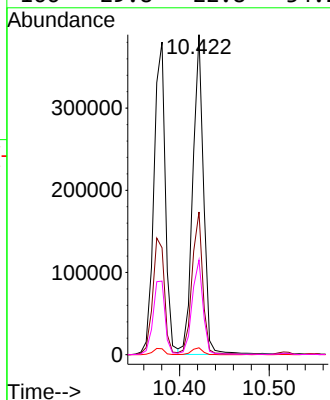
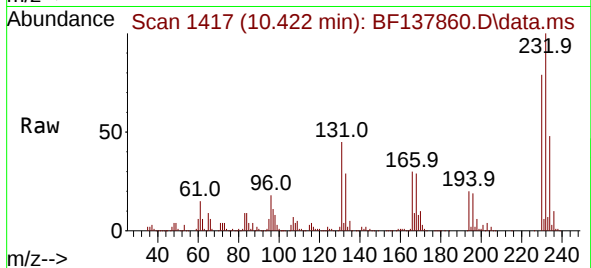




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.304 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

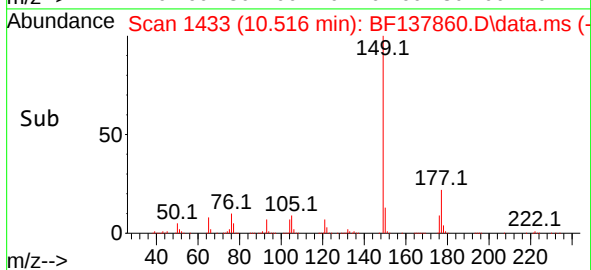
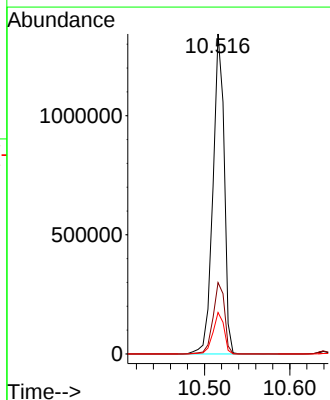
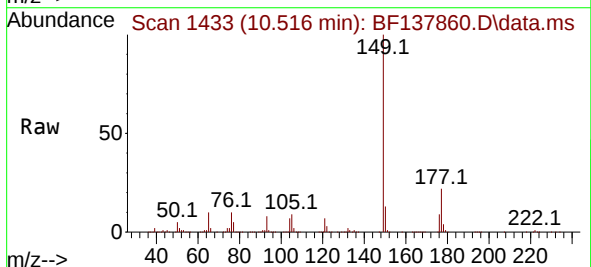
Instrument :
BNA_F
ClientSampleId :
PB160643BS

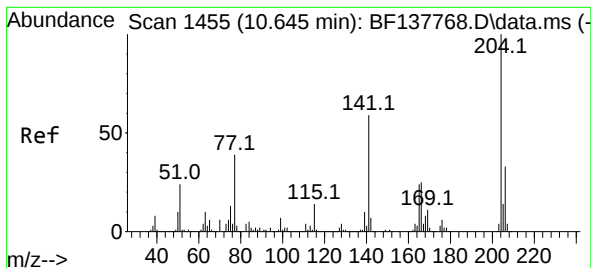
Tgt Ion:232 Resp: 324388
Ion Ratio Lower Upper
232 100
131 43.9 33.4 50.0
130 2.2 1.7 2.5
166 29.8 22.8 34.2



#60
Diethylphthalate
Concen: 47.476 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:149 Resp: 1233826
Ion Ratio Lower Upper
149 100
177 22.3 18.4 27.6
150 12.9 10.5 15.7

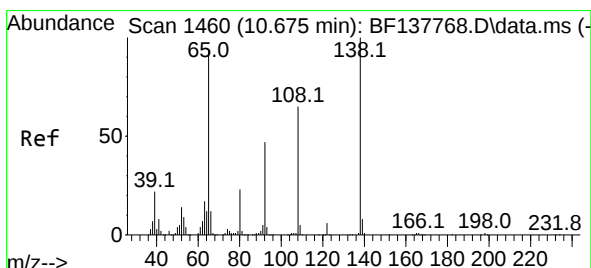
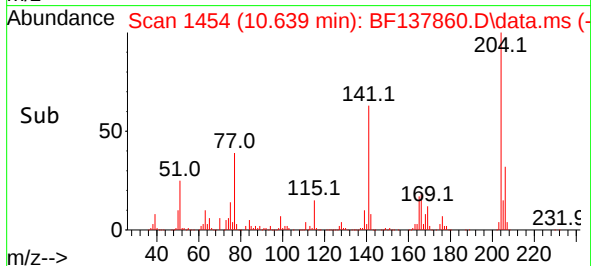
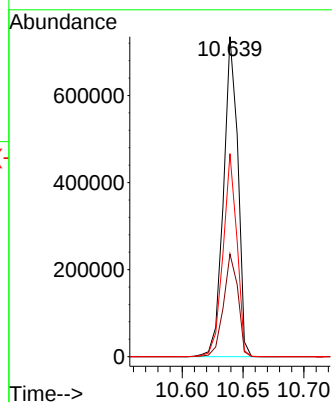
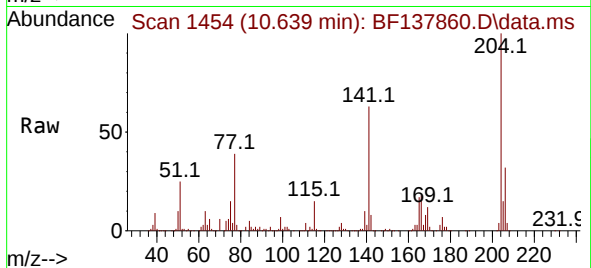




#61
4-Chlorophenyl-phenylether
Concen: 45.897 ng
RT: 10.639 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

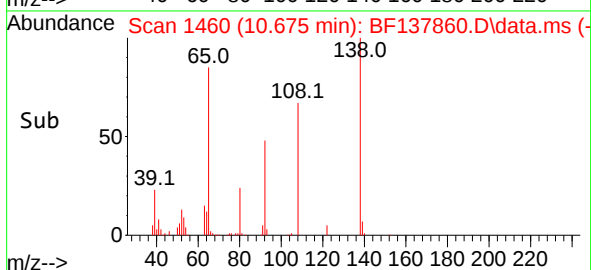
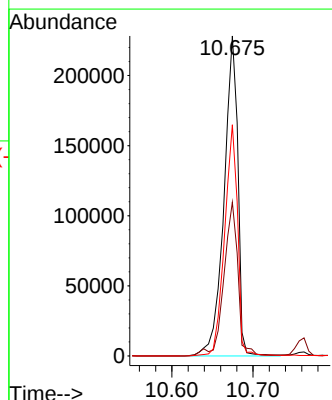
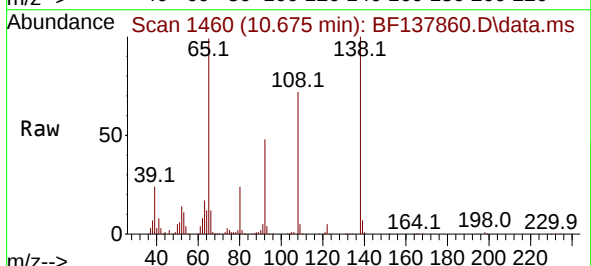
Instrument :
BNA_F
ClientSampleId :
PB160643BS

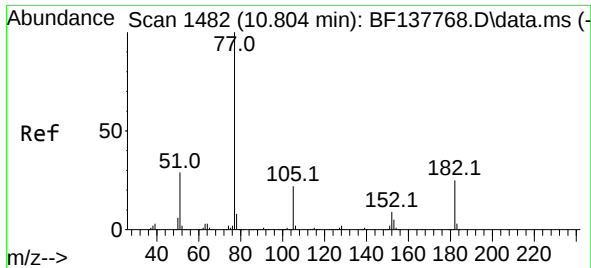
Tgt Ion:204 Resp: 603144
Ion Ratio Lower Upper
204 100
206 32.1 26.4 39.6
141 63.5 47.0 70.6



#62
4-Nitroaniline
Concen: 40.959 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:138 Resp: 272063
Ion Ratio Lower Upper
138 100
92 48.0 26.8 66.8
108 72.2 44.7 84.7



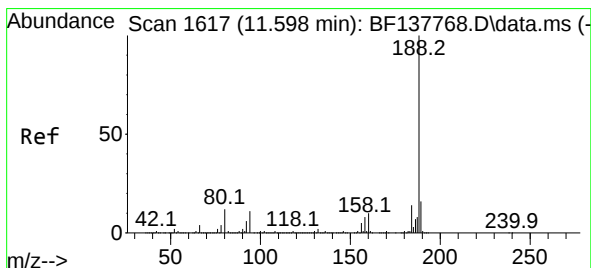
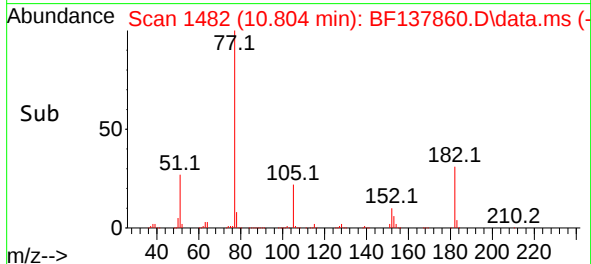
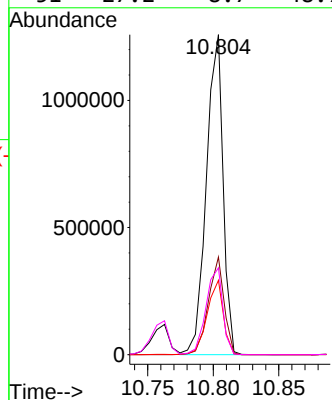
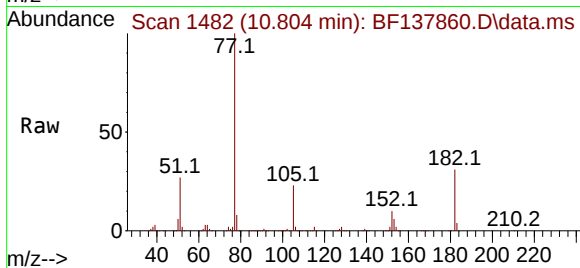


#63
Azobenzene
Concen: 44.493 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Instrument :
BNA_F
ClientSampleId :
PB160643BS

Tgt Ion: 77 Resp: 1117579

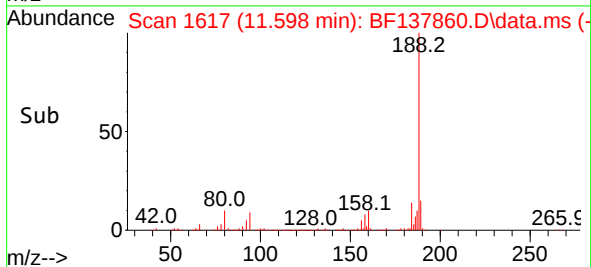
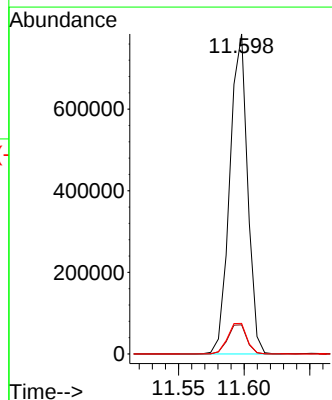
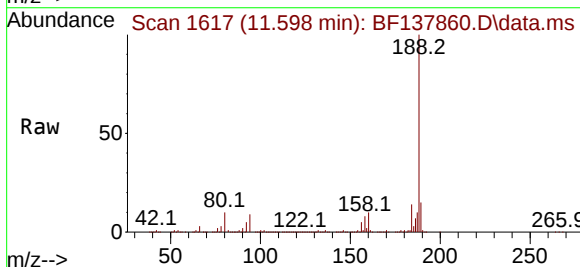
Ion	Ratio	Lower	Upper
77	100		
182	30.5	5.1	45.1
105	23.2	2.2	42.2
51	27.2	8.7	48.7

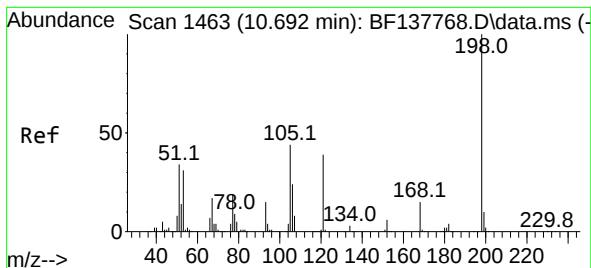


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion: 188 Resp: 740180

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.8	13.2
80	9.6	9.6	14.4

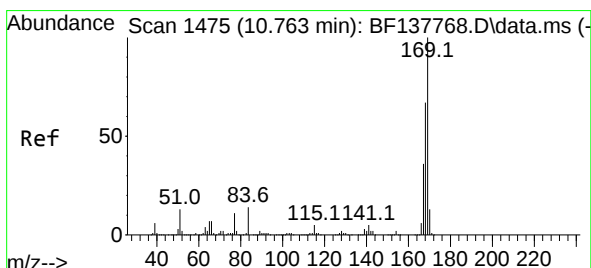
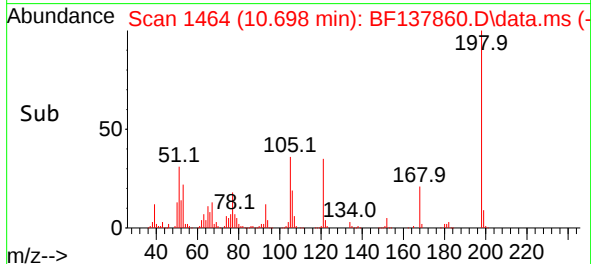
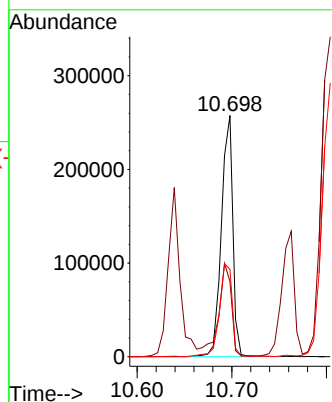
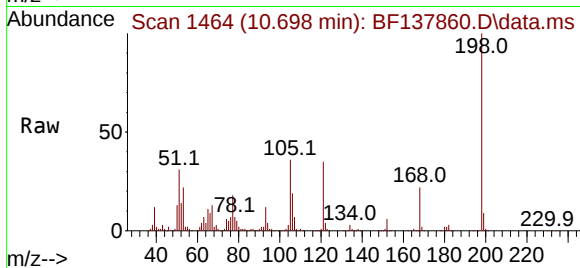




#65
4,6-Dinitro-2-methylphenol
Concen: 51.173 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

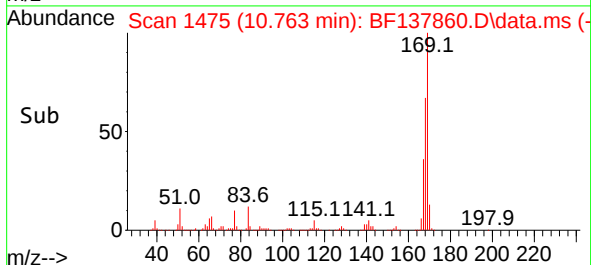
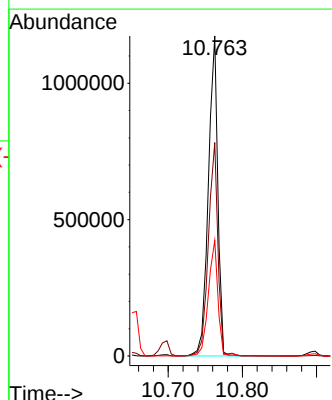
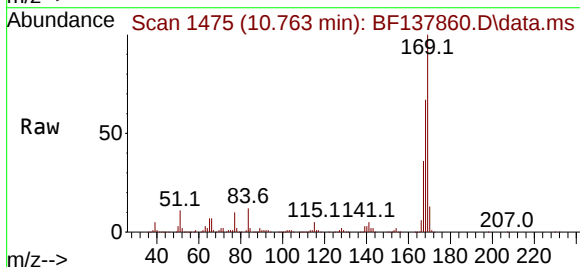
Instrument :
BNA_F
ClientSampleId :
PB160643BS

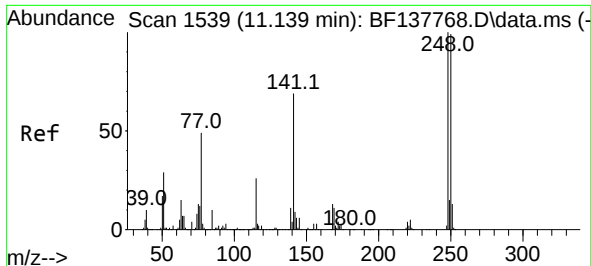
Tgt Ion:198 Resp: 217404
Ion Ratio Lower Upper
198 100
51 31.2 25.1 65.1
105 36.2 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 47.097 ng
RT: 10.763 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:169 Resp: 1043498
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.1 29.2 43.8

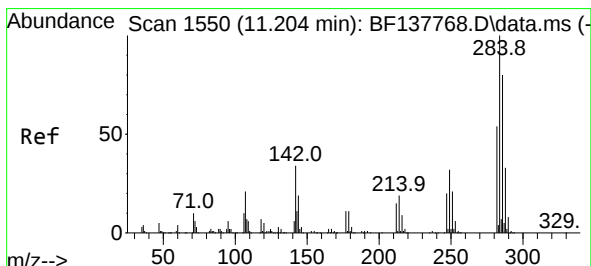
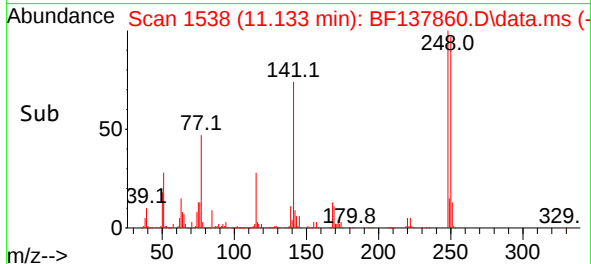
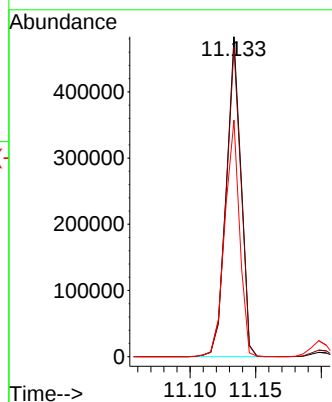
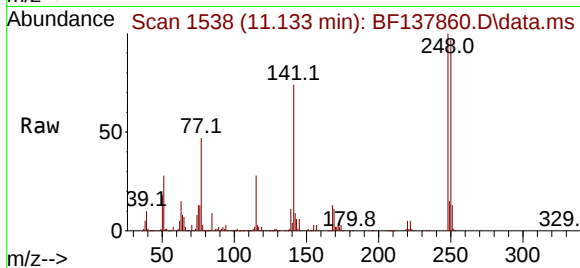




#67
4-Bromophenyl-phenylether
Concen: 47.763 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

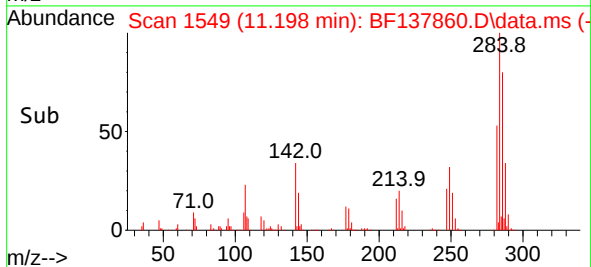
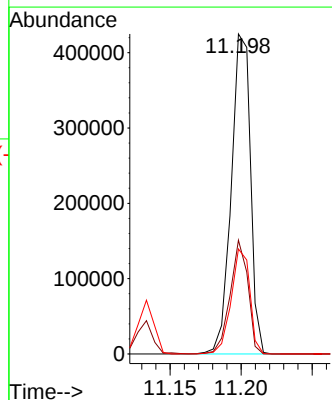
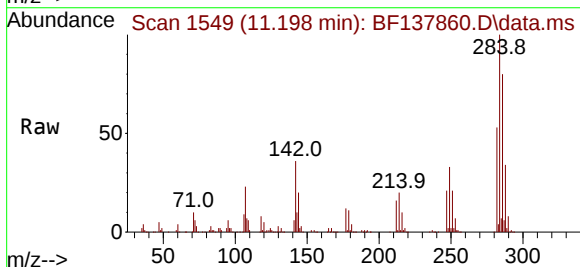
Instrument :
BNA_F
ClientSampleId :
PB160643BS

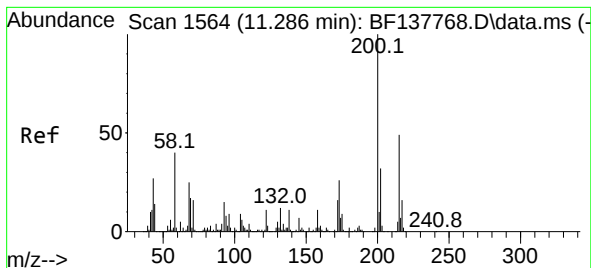
Tgt Ion:248 Resp: 378358
Ion Ratio Lower Upper
248 100
250 96.7 79.1 118.7
141 73.9 55.4 83.2



#68
Hexachlorobenzene
Concen: 46.146 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:284 Resp: 399473
Ion Ratio Lower Upper
284 100
142 35.6 27.3 40.9
249 32.8 25.6 38.4





#69

Atrazine

Concen: 53.199 ng

RT: 11.286 min Scan# 1564

Delta R.T. -0.000 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160643BS

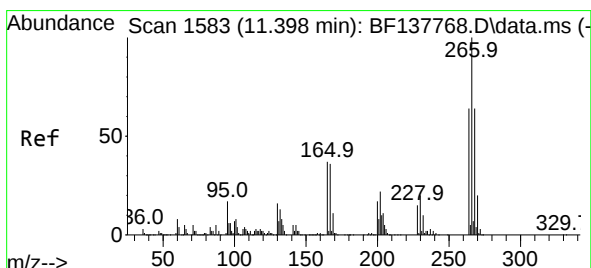
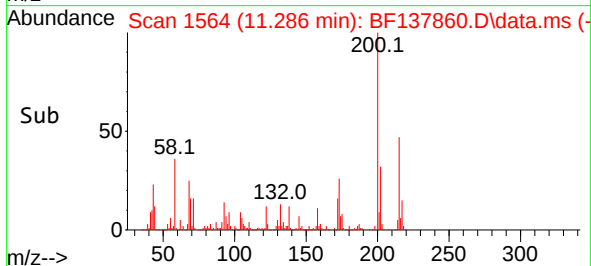
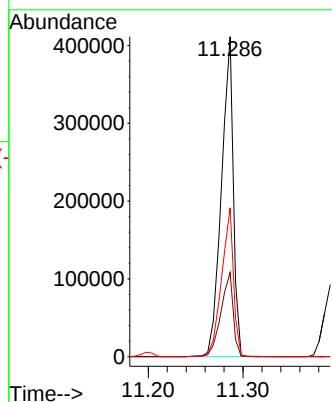
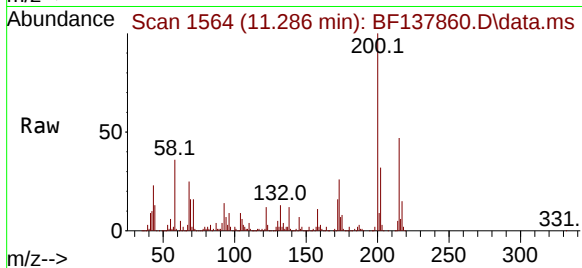
Tgt Ion:200 Resp: 359396

Ion Ratio Lower Upper

200 100

173 26.3 5.9 45.9

215 46.5 28.8 68.8



#70

Pentachlorophenol

Concen: 81.969 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

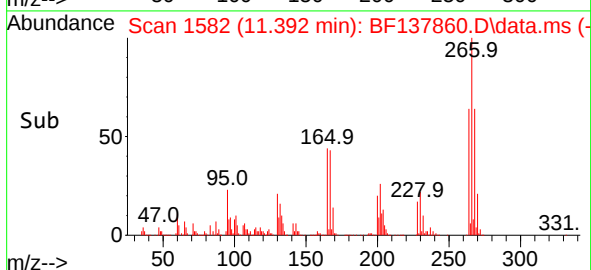
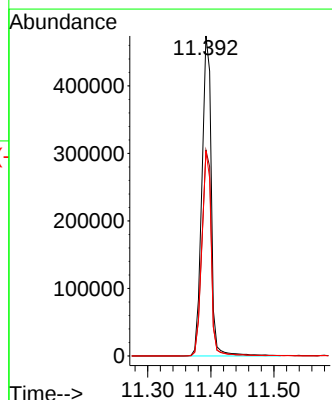
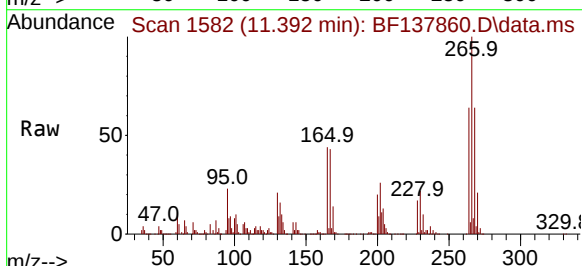
Tgt Ion:266 Resp: 487158

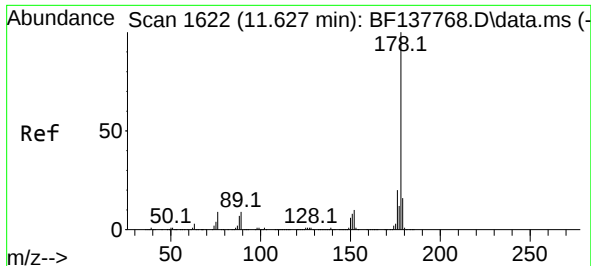
Ion Ratio Lower Upper

266 100

268 64.3 51.3 76.9

264 64.0 51.0 76.4

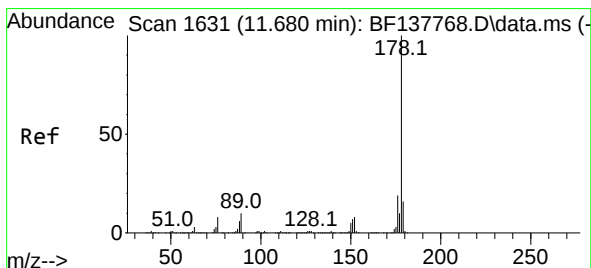
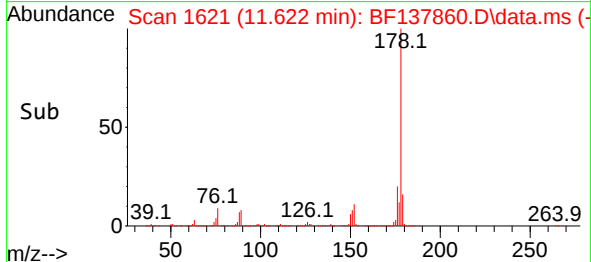
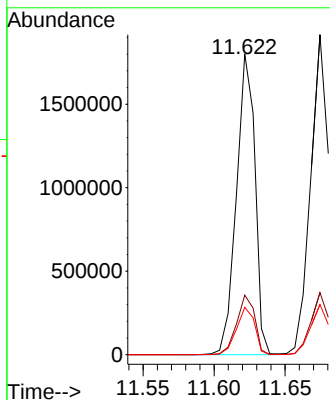
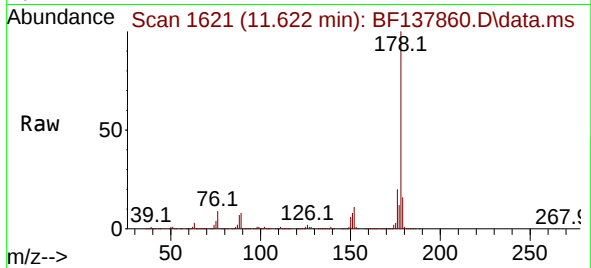




#71
Phenanthrene
Concen: 45.531 ng
RT: 11.622 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

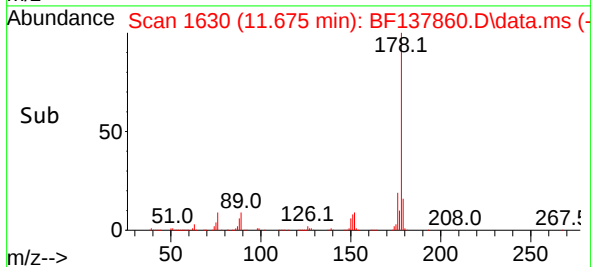
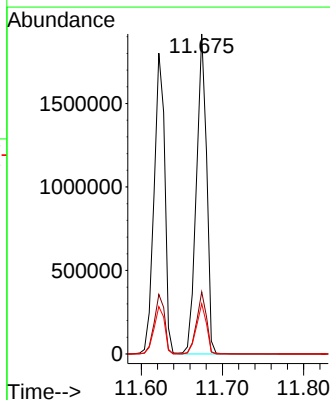
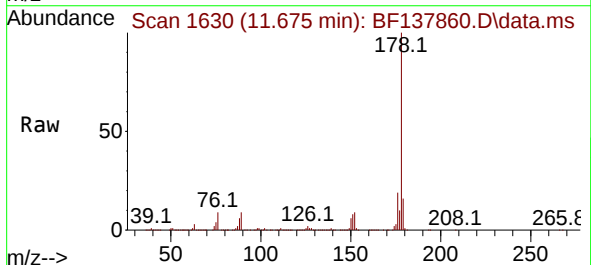
Instrument :
BNA_F
ClientSampleId :
PB160643BS

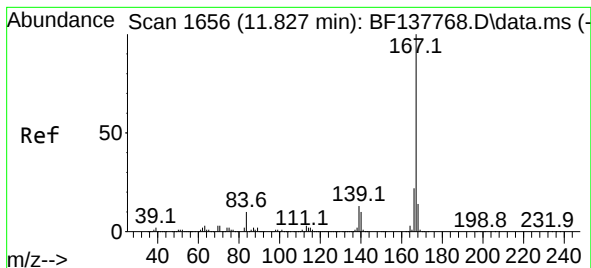
Tgt Ion:178 Resp: 1642640
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.7 12.5 18.7



#72
Anthracene
Concen: 46.797 ng
RT: 11.675 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:178 Resp: 1679856
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.7 12.6 18.8





#73

Carbazole

Concen: 42.860 ng

RT: 11.827 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160643BS

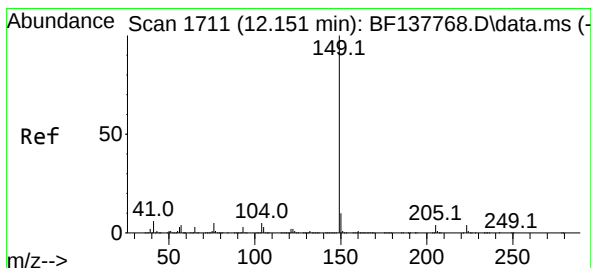
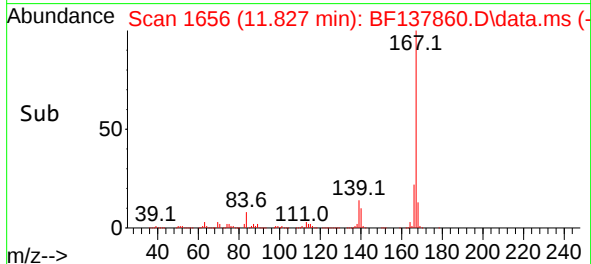
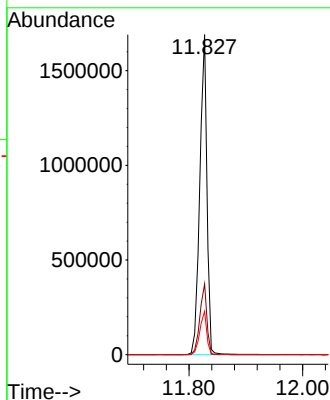
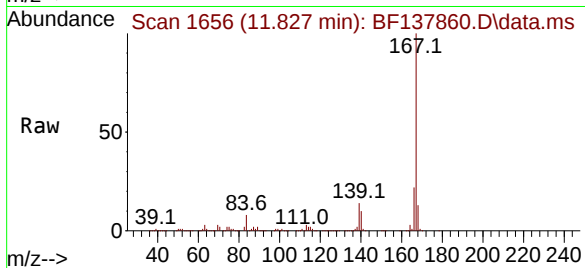
Tgt Ion:167 Resp: 1482775

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

139 13.5 10.5 15.7



#74

Di-n-butylphthalate

Concen: 49.195 ng

RT: 12.145 min Scan# 1710

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

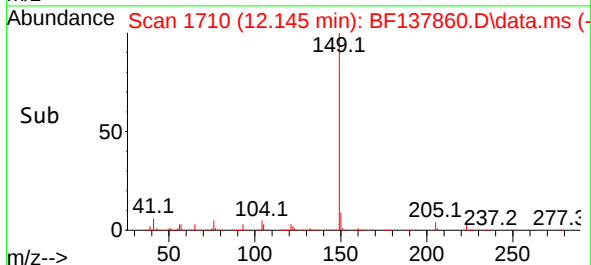
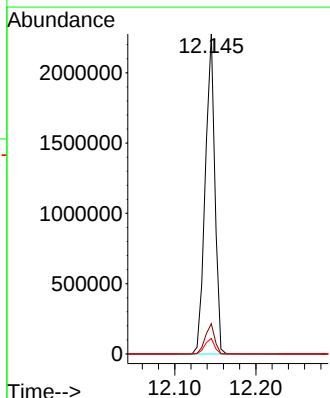
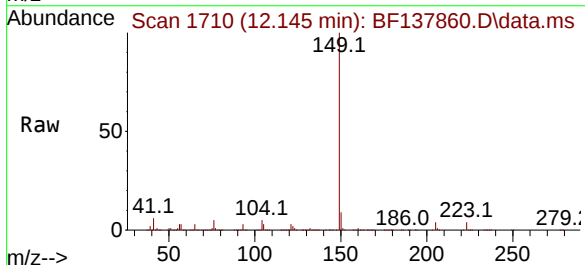
Tgt Ion:149 Resp: 1856543

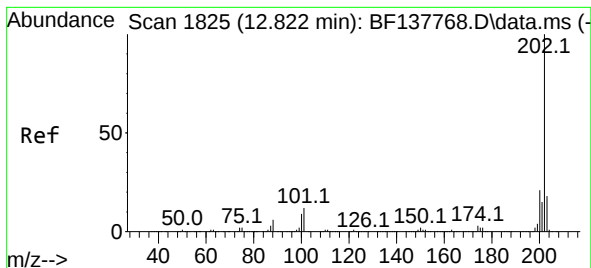
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 4.9 3.8 5.8





#75

Fluoranthene

Concen: 42.257 ng

RT: 12.816 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160643BS

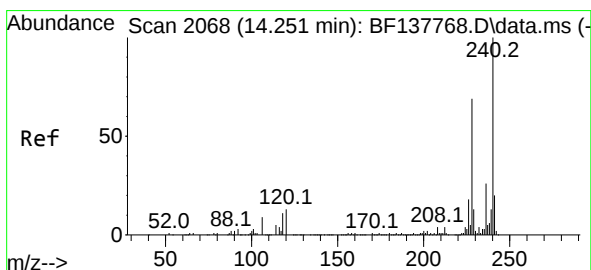
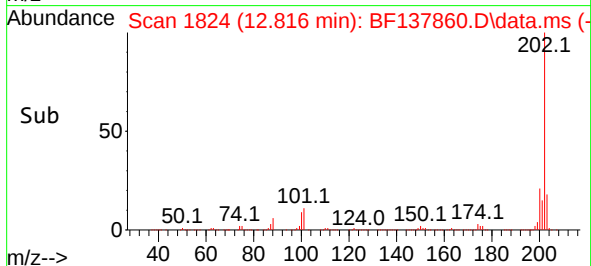
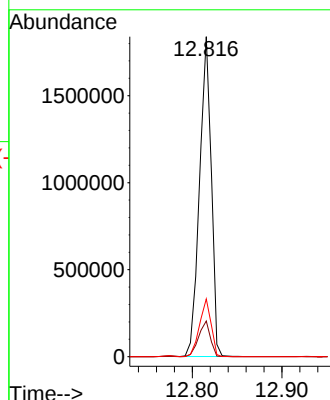
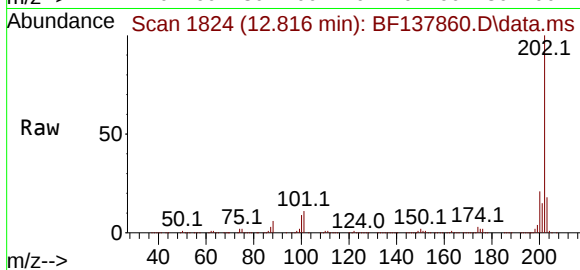
Tgt Ion:202 Resp: 1666499

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.8

203 18.0 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

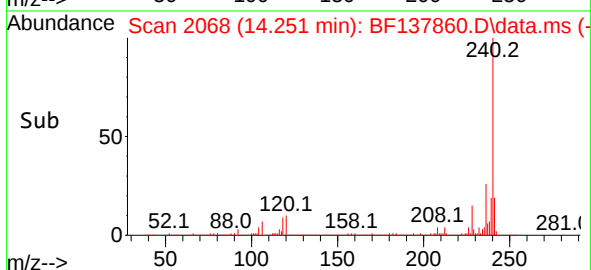
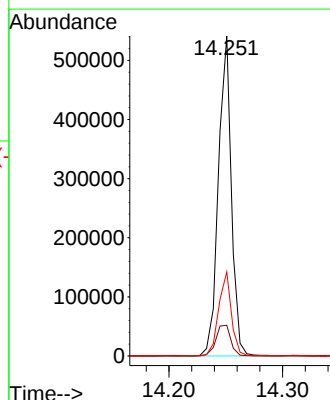
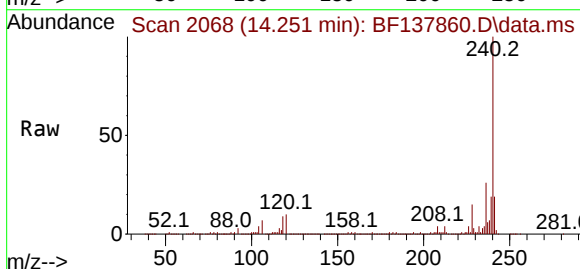
Tgt Ion:240 Resp: 430130

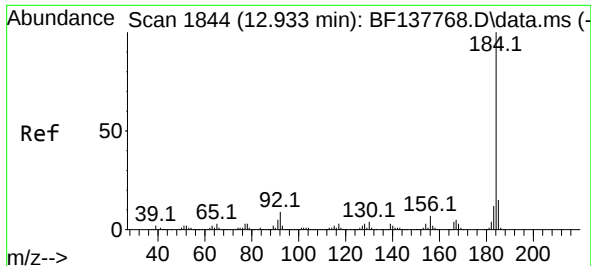
Ion Ratio Lower Upper

240 100

120 9.6 10.4 15.6#

236 26.3 20.4 30.6

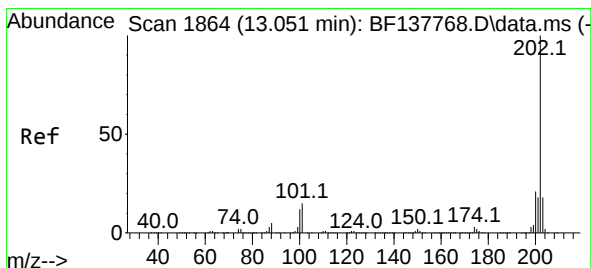
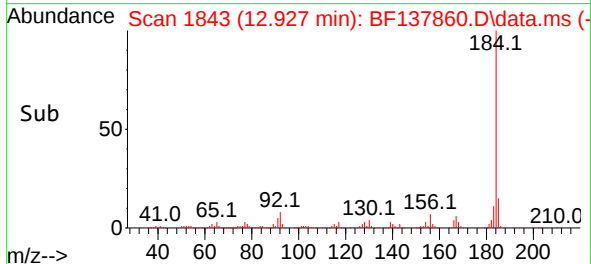
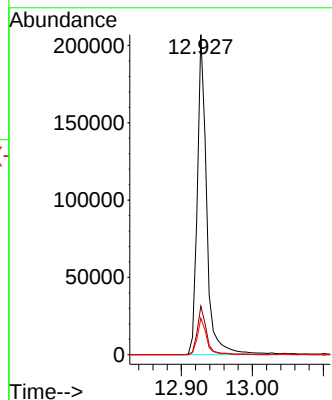
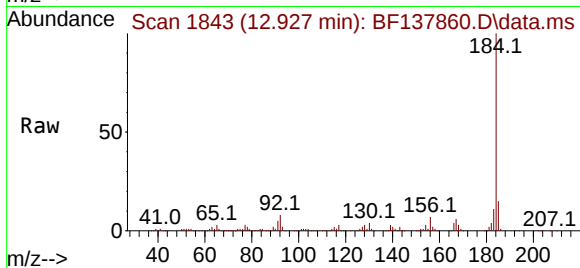




#77
Benzidine
Concen: 19.179 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

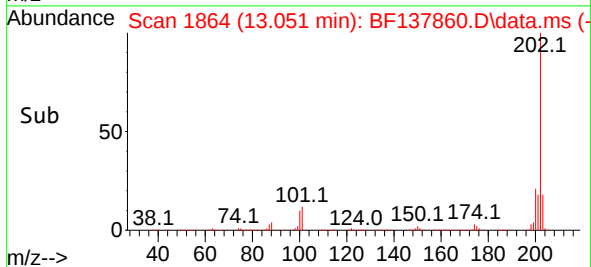
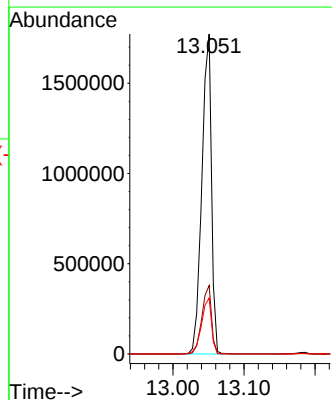
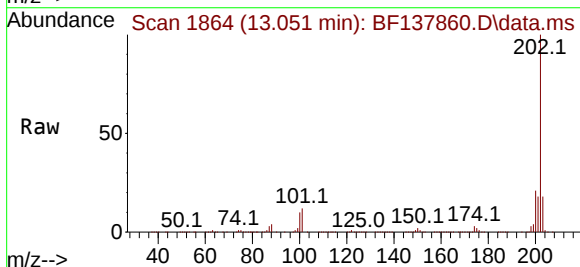
Instrument :
BNA_F
ClientSampleId :
PB160643BS

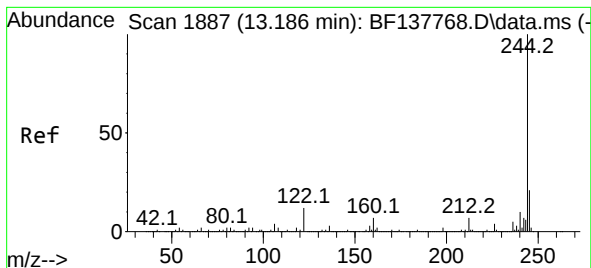
Tgt Ion:184 Resp: 190790
Ion Ratio Lower Upper
184 100
185 15.1 12.3 18.5
183 11.4 9.2 13.8



#78
Pyrene
Concen: 49.092 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:202 Resp: 1674239
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 97.483 ng

RT: 13.186 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160643BS

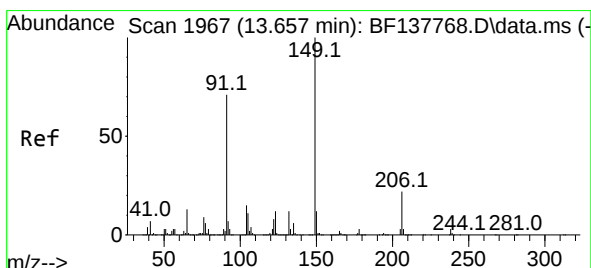
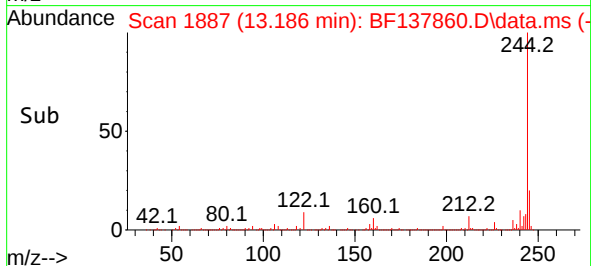
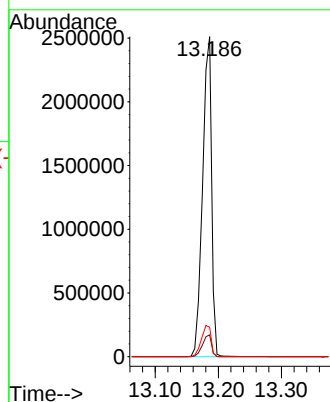
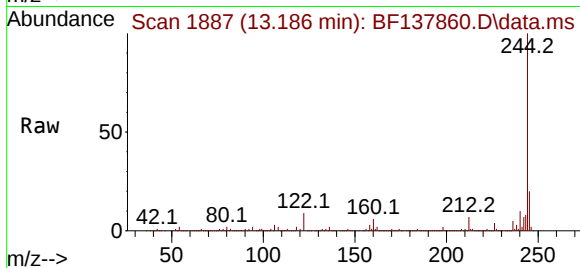
Tgt Ion:244 Resp: 2502028

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 9.2 9.4 14.2#



#80

Butylbenzylphthalate

Concen: 61.269 ng

RT: 13.651 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

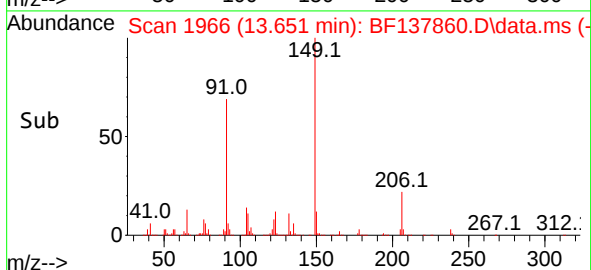
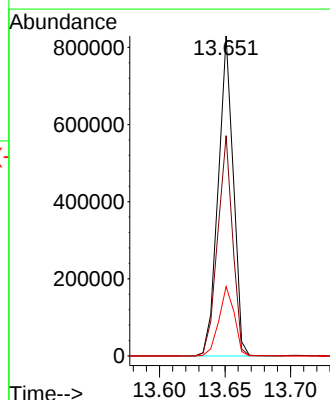
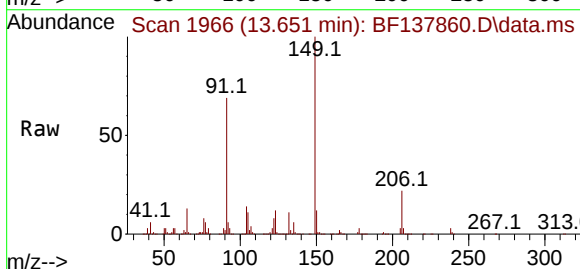
Tgt Ion:149 Resp: 662966

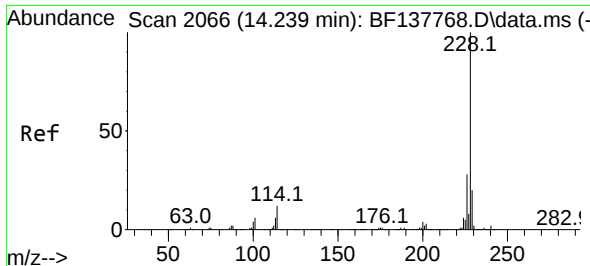
Ion Ratio Lower Upper

149 100

91 68.8 56.8 85.2

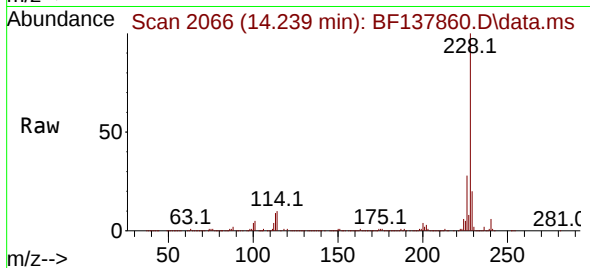
206 21.7 17.8 26.8



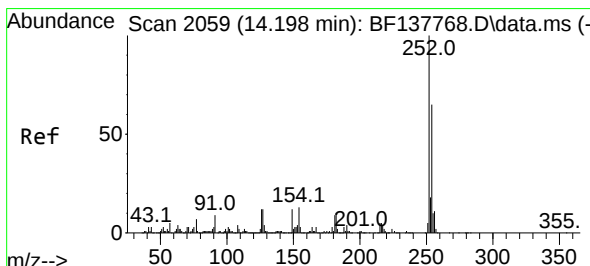
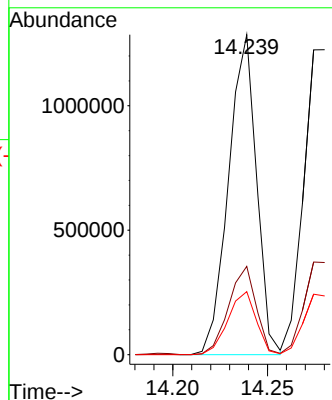
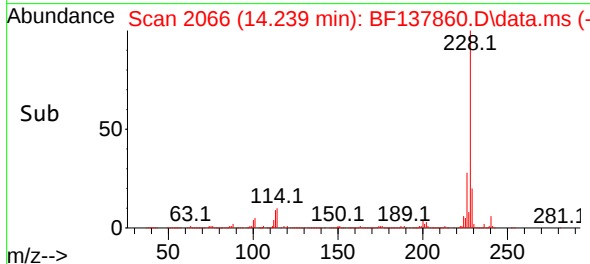


#81
Benzo(a)anthracene
Concen: 48.006 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

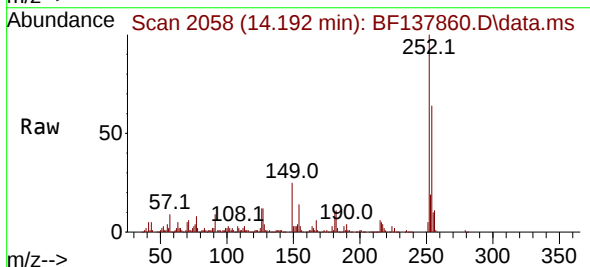
Instrument :
BNA_F
ClientSampleId :
PB160643BS



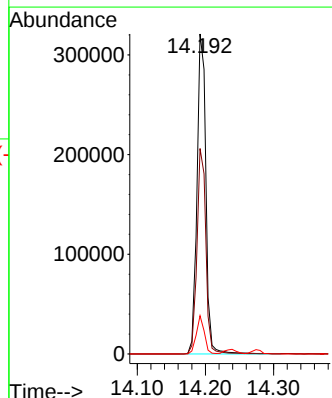
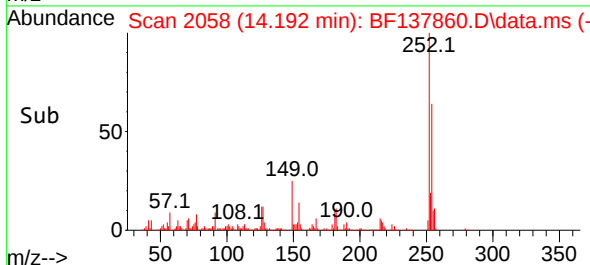
Tgt Ion:228 Resp: 1320674
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 19.7 16.3 24.5

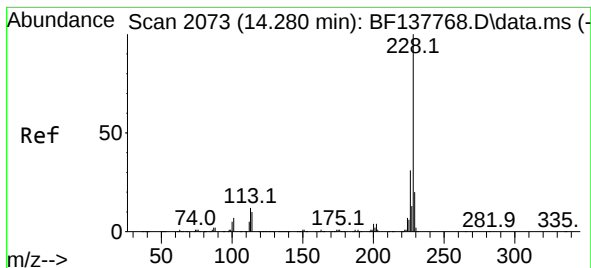


#82
3,3'-Dichlorobenzidine
Concen: 35.262 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22



Tgt Ion:252 Resp: 290413
Ion Ratio Lower Upper
252 100
254 64.2 51.7 77.5
126 12.0 9.7 14.5





#83

Chrysene

Concen: 47.016 ng

RT: 14.280 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160643BS

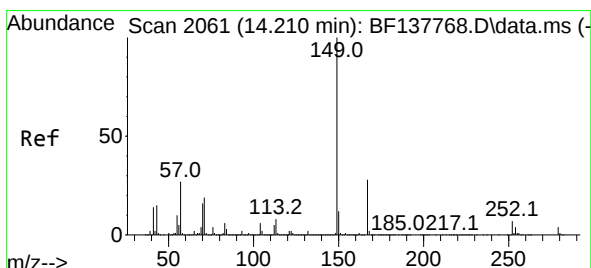
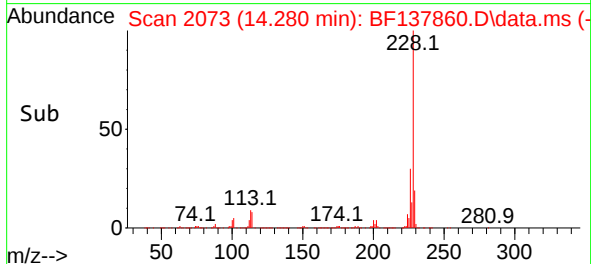
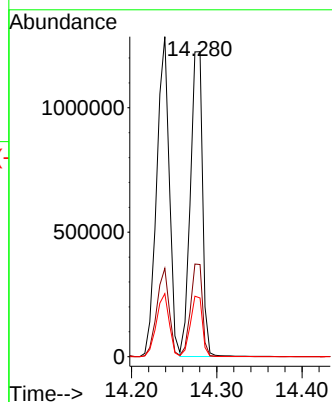
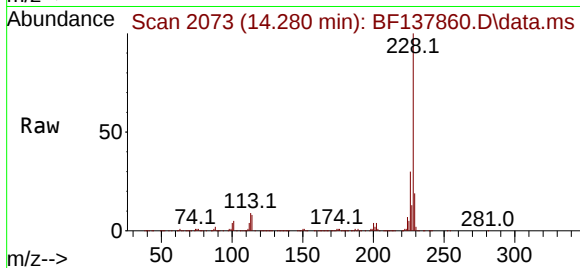
Tgt Ion:228 Resp: 1211084

Ion Ratio Lower Upper

228 100

226 30.2 24.8 37.2

229 19.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.333 ng

RT: 14.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

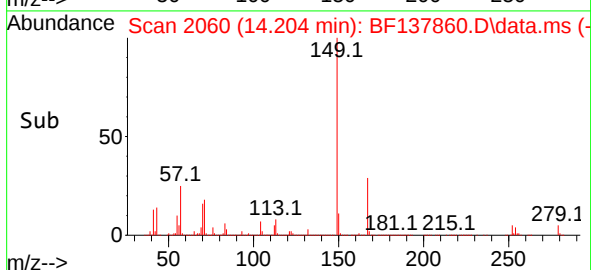
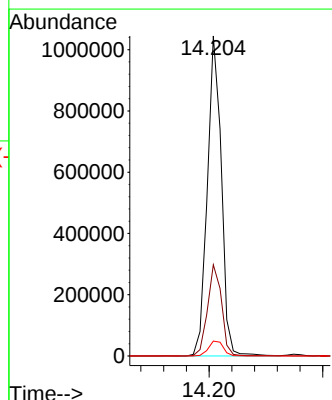
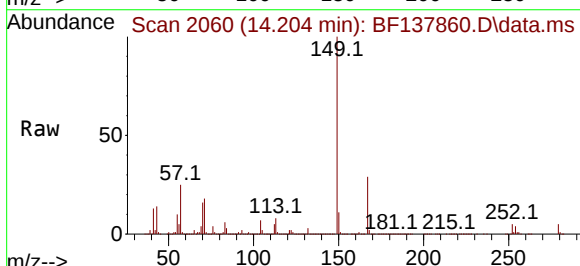
Tgt Ion:149 Resp: 890952

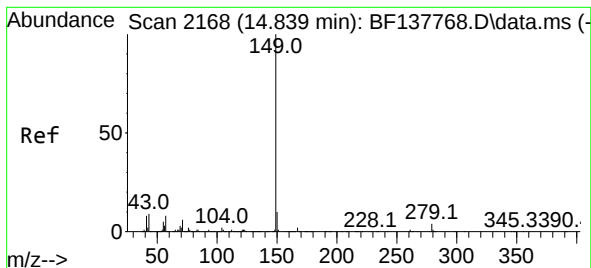
Ion Ratio Lower Upper

149 100

167 28.5 22.4 33.6

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 68.839 ng

RT: 14.833 min Scan# 2168

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160643BS

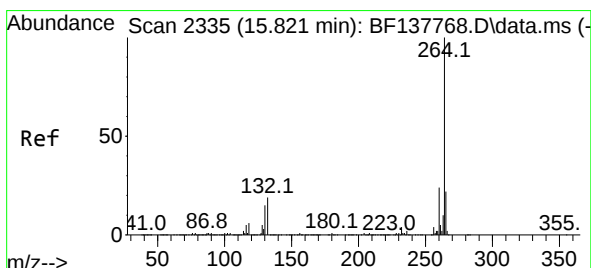
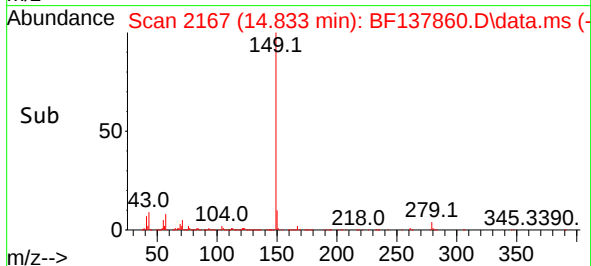
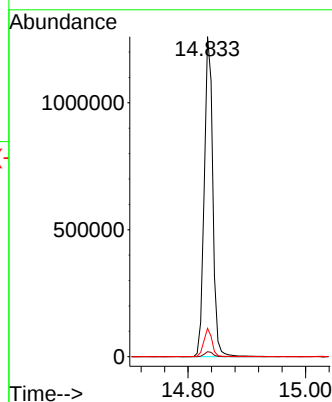
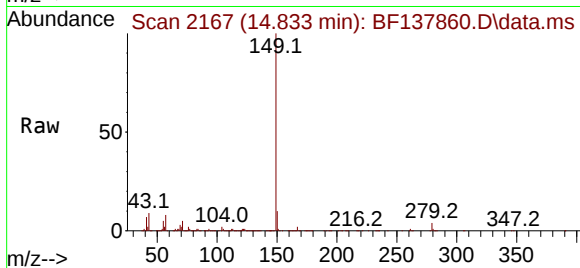
Tgt Ion:149 Resp: 1263392

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.815 min Scan# 2334

Delta R.T. -0.006 min

Lab File: BF137860.D

Acq: 09 May 2024 12:22

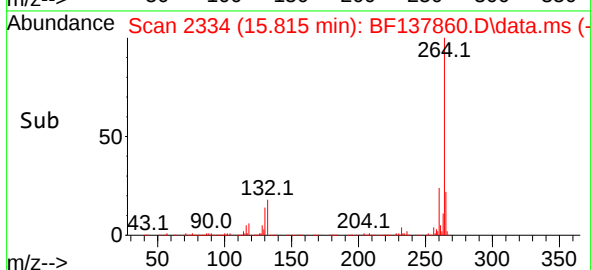
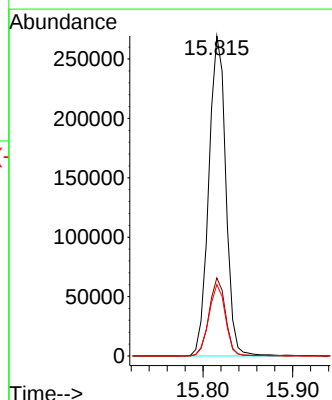
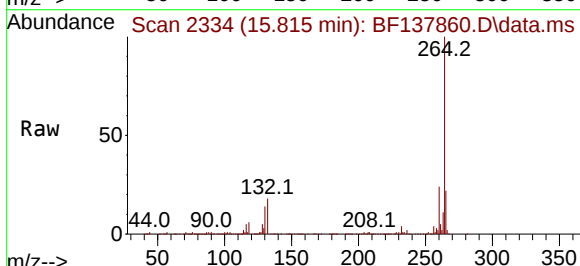
Tgt Ion:264 Resp: 354854

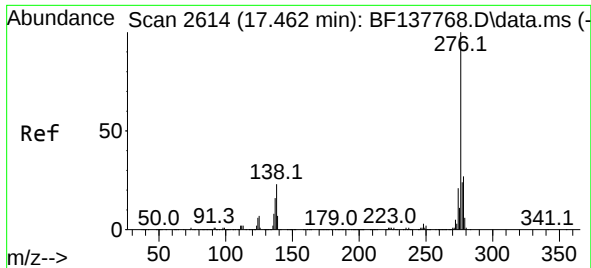
Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 22.3 17.4 26.0

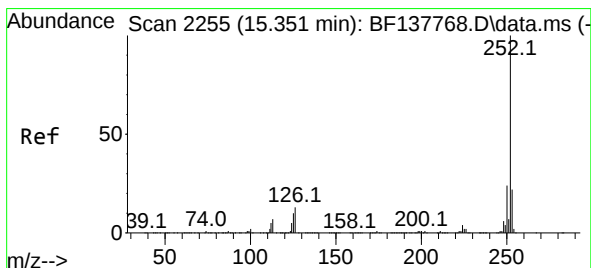
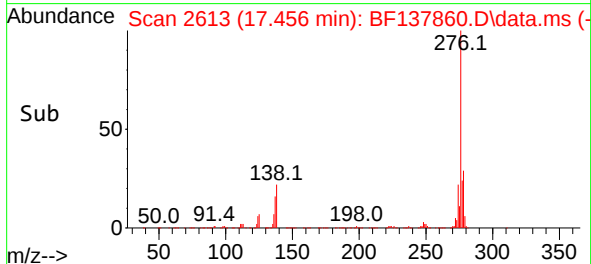
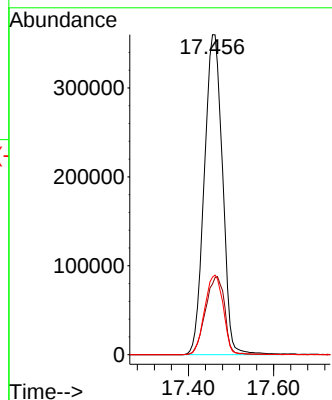
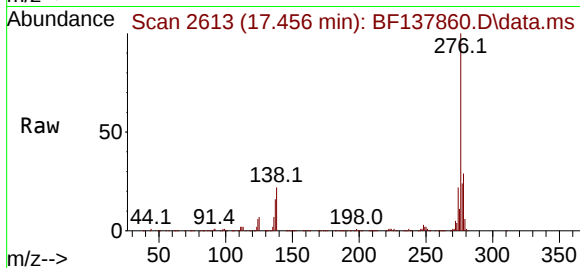




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.895 ng
RT: 17.456 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

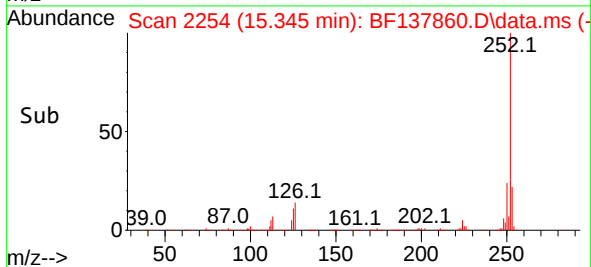
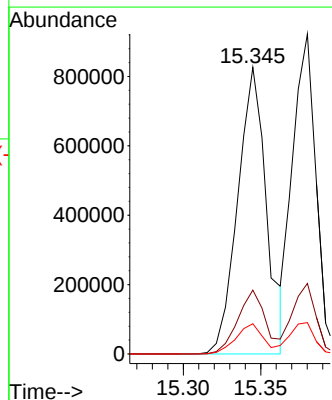
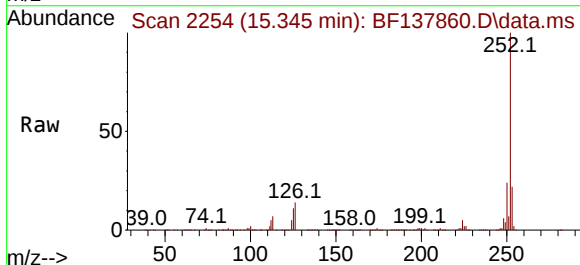
Instrument :
BNA_F
ClientSampleId :
PB160643BS

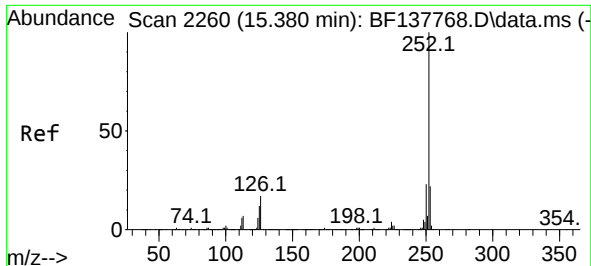
Tgt Ion:276 Resp: 1067130
Ion Ratio Lower Upper
276 100
138 25.7 21.4 32.0
277 25.5 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 48.286 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:252 Resp: 1066055
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.6 7.9 11.9

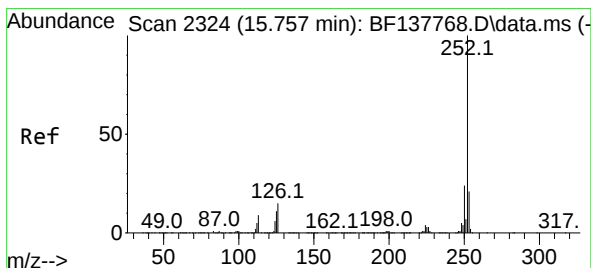
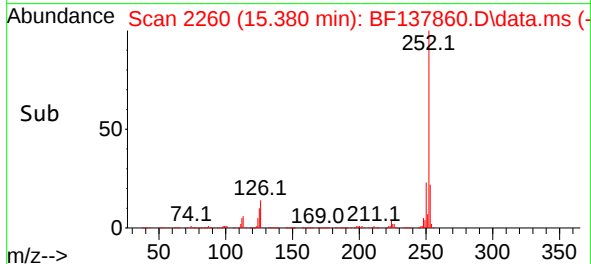
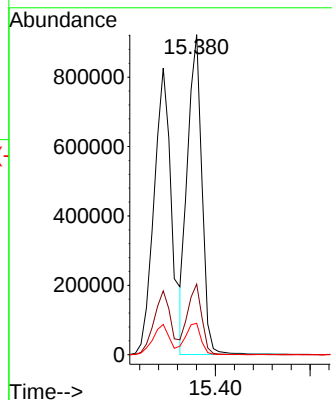
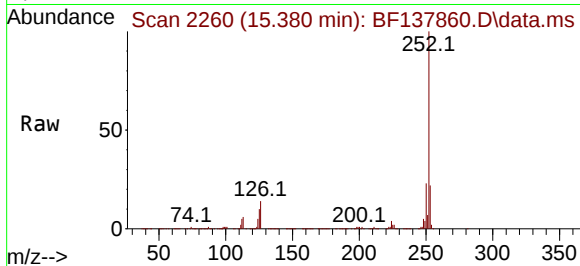




#89
Benzo(k)fluoranthene
Concen: 45.488 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

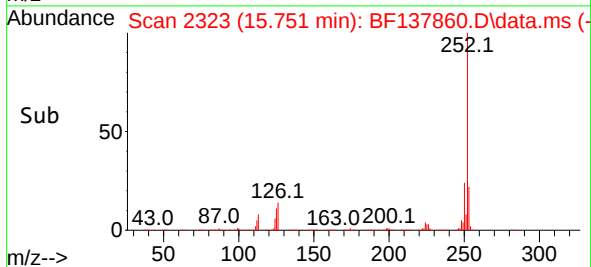
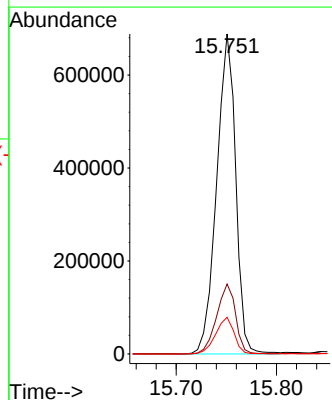
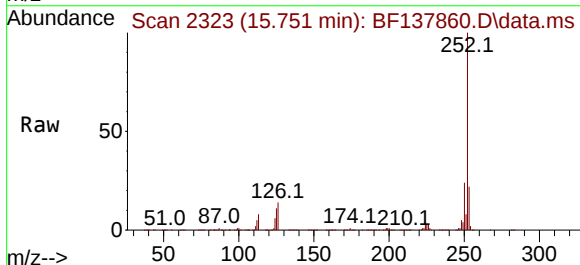
Instrument :
BNA_F
ClientSampleId :
PB160643BS

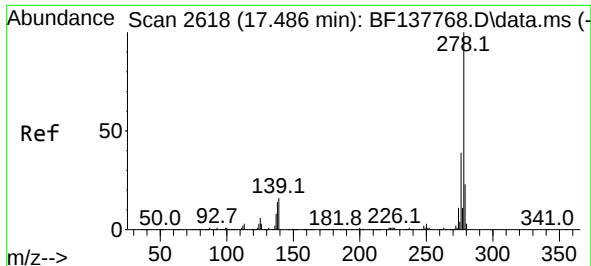
Tgt Ion:252 Resp: 970691
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.8 9.0 13.4



#90
Benzo(a)pyrene
Concen: 50.328 ng
RT: 15.751 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:252 Resp: 906506
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 11.5 9.0 13.6

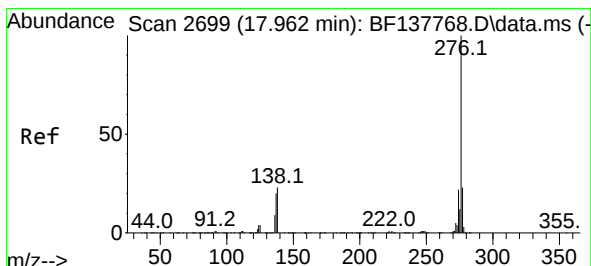
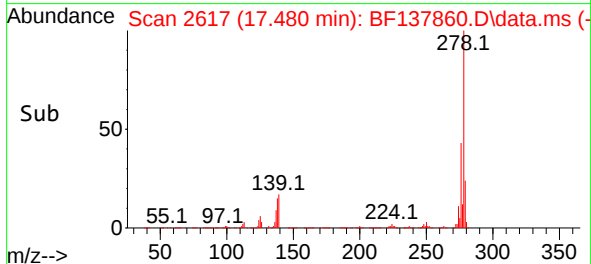
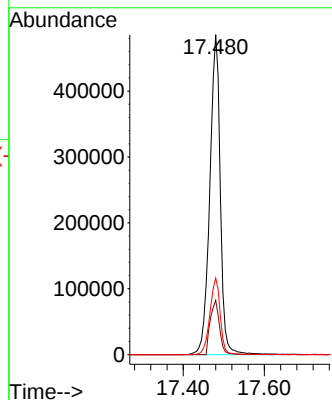
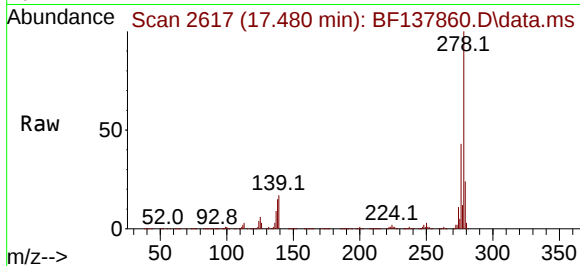




#91
Dibenzo(a,h)anthracene
Concen: 53.064 ng
RT: 17.480 min Scan# 2618
Delta R.T. -0.006 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Instrument :
BNA_F
ClientSampleId :
PB160643BS

Tgt Ion:278 Resp: 871386
Ion Ratio Lower Upper
278 100
139 17.0 13.0 19.6
279 24.0 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 47.927 ng
RT: 17.962 min Scan# 2699
Delta R.T. -0.000 min
Lab File: BF137860.D
Acq: 09 May 2024 12:22

Tgt Ion:276 Resp: 825057
Ion Ratio Lower Upper
276 100
277 23.3 18.0 27.0
138 21.3 18.1 27.1

