

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137877.D
 Acq On : 10 May 2024 13:03
 Operator : CG\JU
 Sample : PB160825BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160825BS

Quant Time: May 11 00:31:28 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	170087	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	689675	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	383994	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	673281	20.000	ng	0.00
76) Chrysene-d12	14.245	240	421900	20.000	ng	0.00
86) Perylene-d12	15.810	264	354271	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1237788	121.844	ng	0.01
7) Phenol-d6	6.669	99	1528872	118.651	ng	0.00
23) Nitrobenzene-d5	7.616	82	997499	84.029	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	537092	136.990	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2058363	86.965	ng	-0.01
79) Terphenyl-d14	13.180	244	2415175	95.935	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.081	88	158264	34.596	ng 97
3) Pyridine	3.810	79	403426	36.438	ng 96
4) n-Nitrosodimethylamine	3.781	42	189863	38.082	ng 91
6) Aniline	6.710	93	436668	34.191	ng 99
8) 2-Chlorophenol	6.834	128	481321	43.476	ng 99
9) Benzaldehyde	6.604	77	167167	24.091	ng 97
10) Phenol	6.681	94	537533	40.712	ng 98
11) bis(2-Chloroethyl)ether	6.781	93	425791	41.186	ng 99
12) 1,3-Dichlorobenzene	6.993	146	513107	41.100	ng 97
13) 1,4-Dichlorobenzene	7.069	146	516855	41.260	ng 97
14) 1,2-Dichlorobenzene	7.222	146	509161	43.154	ng 99
15) Benzyl Alcohol	7.187	79	383854	43.077	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.310	45	589164	40.544	ng 98
17) 2-Methylphenol	7.287	107	393403	44.039	ng 98
18) Hexachloroethane	7.563	117	186565	44.055	ng 98
19) n-Nitroso-di-n-propyla...	7.457	70	323268	41.980	ng 95
20) 3+4-Methylphenols	7.440	107	511019	43.480	ng 94
22) Acetophenone	7.457	105	673289	43.407	ng 98
24) Nitrobenzene	7.634	77	499005	40.786	ng 95
25) Isophorone	7.869	82	892263	41.688	ng 97
26) 2-Nitrophenol	7.945	139	268572	48.475	ng 93
27) 2,4-Dimethylphenol	7.975	122	365430	45.815	ng 99
28) bis(2-Chloroethoxy)met...	8.075	93	539892	41.662	ng 99
29) 2,4-Dichlorophenol	8.187	162	427790	44.372	ng 98
30) 1,2,4-Trichlorobenzene	8.269	180	453964	43.194	ng 99
31) Naphthalene	8.357	128	1455752	42.474	ng 100
32) Benzoic acid	8.087	122	288628	41.945	ng 95
33) 4-Chloroaniline	8.398	127	199728	15.715	ng 98
34) Hexachlorobutadiene	8.469	225	271032	42.003	ng 99
35) Caprolactam	8.769	113	83068	27.194	ng 98
36) 4-Chloro-3-methylphenol	8.875	107	442126	43.976	ng 95
37) 2-Methylnaphthalene	9.051	142	952386	42.928	ng 100
38) 1-Methylnaphthalene	9.151	142	886444	40.613	ng 100
40) 1,2,4,5-Tetrachloroben...	9.216	216	445853	43.839	ng 99
41) Hexachlorocyclopentadiene	9.198	237	519819	125.836	ng 99
43) 2,4,6-Trichlorophenol	9.322	196	305760	44.166	ng 99

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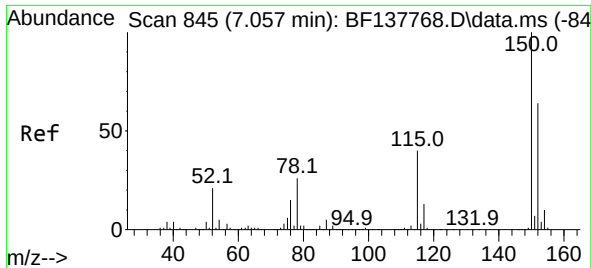
Quant Time: May 11 00:31:28 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	332974	43.558	ng	97
46) 1,1'-Biphenyl	9.516	154	1167684	44.310	ng	99
47) 2-Chloronaphthalene	9.539	162	894270	42.032	ng	98
48) 2-Nitroaniline	9.634	65	259014	44.888	ng	97
49) Acenaphthylene	9.963	152	1450715	47.136	ng	100
50) Dimethylphthalate	9.810	163	1083803	44.709	ng	100
51) 2,6-Dinitrotoluene	9.875	165	245740	44.358	ng	94
52) Acenaphthene	10.134	154	960160	47.066	ng	100
53) 3-Nitroaniline	10.045	138	171049	29.484	ng	94
54) 2,4-Dinitrophenol	10.151	184	259796	95.441	ng	91
55) Dibenzofuran	10.304	168	1308675	44.082	ng	99
56) 4-Nitrophenol	10.198	139	407107	84.669	ng	94
57) 2,4-Dinitrotoluene	10.281	165	335867	46.407	ng	98
58) Fluorene	10.651	166	1018074	43.090	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.416	232	278277	44.839	ng	99
60) Diethylphthalate	10.510	149	1009297	43.839	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	499883	42.939	ng	99
62) 4-Nitroaniline	10.669	138	248659	42.257	ng	97
63) Azobenzene	10.798	77	947998	42.603	ng	97
65) 4,6-Dinitro-2-methylph...	10.692	198	184470	47.736	ng	79
66) n-Nitrosodiphenylamine	10.757	169	906502	44.979	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	316423	43.914	ng	96
68) Hexachlorobenzene	11.198	284	348013	44.196	ng	96
69) Atrazine	11.281	200	305270	49.677	ng	98
70) Pentachlorophenol	11.392	266	440892	81.555	ng	100
71) Phenanthrene	11.622	178	1448054	44.125	ng	100
72) Anthracene	11.675	178	1497717	45.869	ng	99
73) Carbazole	11.822	167	1363234	43.320	ng	99
74) Di-n-butylphthalate	12.139	149	1550400	45.165	ng	100
75) Fluoranthene	12.816	202	1528265	42.603	ng	98
77) Benzidine	12.927	184	403721	41.375	ng	99
78) Pyrene	13.045	202	1566891	46.841	ng	100
80) Butylbenzylphthalate	13.651	149	564117	53.150	ng	96
81) Benzo(a)anthracene	14.233	228	1231248	45.628	ng	100
82) 3,3'-Dichlorobenzidine	14.192	252	260322	32.225	ng #	98
83) Chrysene	14.274	228	1149105	45.480	ng	98
84) Bis(2-ethylhexyl)phtha...	14.204	149	721224	53.919	ng	99
85) Di-n-octyl phthalate	14.833	149	979504	54.412	ng	98
87) Indeno(1,2,3-cd)pyrene	17.451	276	1011018	50.196	ng	99
88) Benzo(b)fluoranthene	15.339	252	963078	43.693	ng	99
89) Benzo(k)fluoranthene	15.374	252	894237	41.975	ng	98
90) Benzo(a)pyrene	15.745	252	862794	47.980	ng	99
91) Dibenzo(a,h)anthracene	17.468	278	822627	50.177	ng	100
92) Benzo(g,h,i)perylene	17.951	276	781501	45.472	ng	98

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

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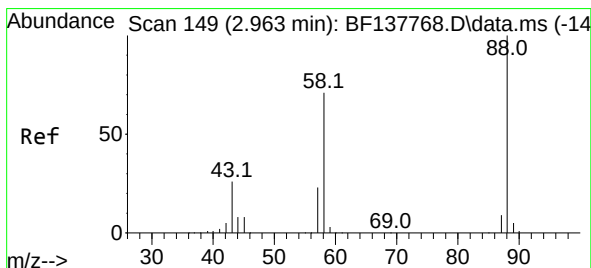
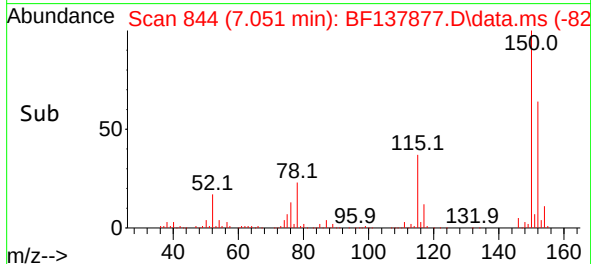
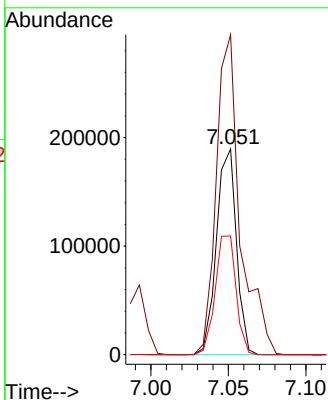
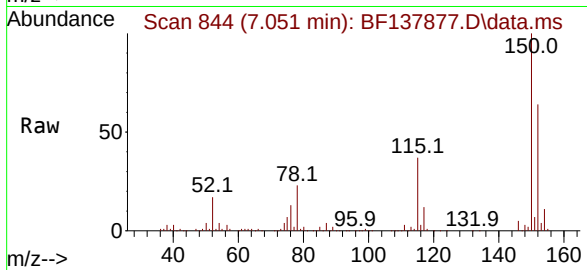




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

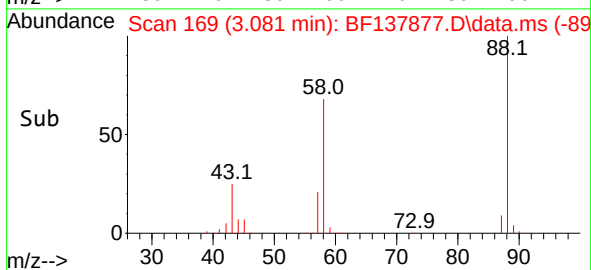
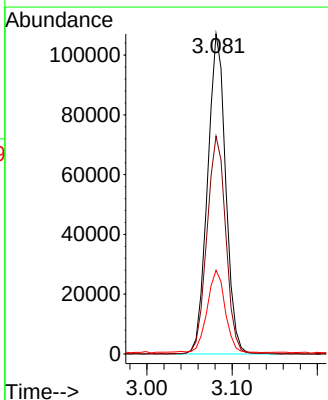
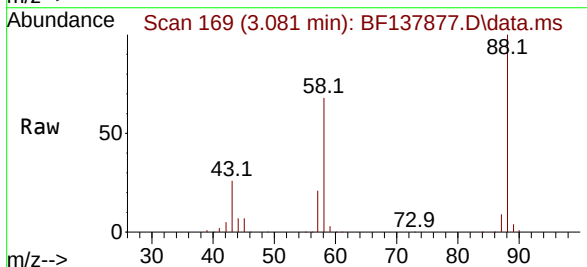
Instrument :
BNA_F
ClientSampleId :
PB160825BS

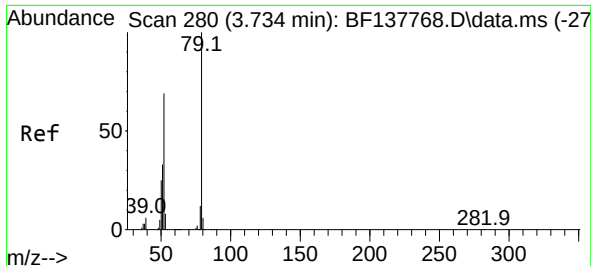
Tgt Ion:152 Resp: 170087
Ion Ratio Lower Upper
152 100
150 155.5 124.1 186.1
115 57.7 49.1 73.7



#2
1,4-Dioxane
Concen: 34.596 ng
RT: 3.081 min Scan# 169
Delta R.T. 0.118 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 88 Resp: 158264
Ion Ratio Lower Upper
88 100
58 70.5 58.8 88.2
43 25.6 21.4 32.0





#3

Pyridine

Concen: 36.438 ng

RT: 3.810 min Scan# 24

Delta R.T. 0.077 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

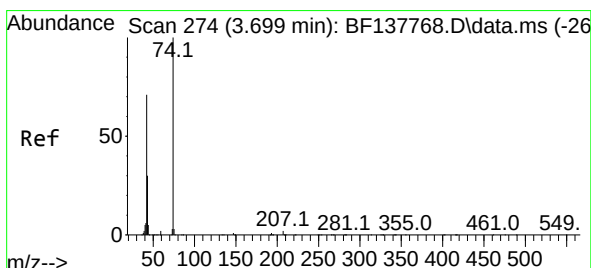
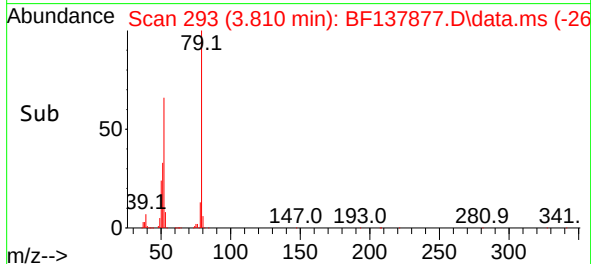
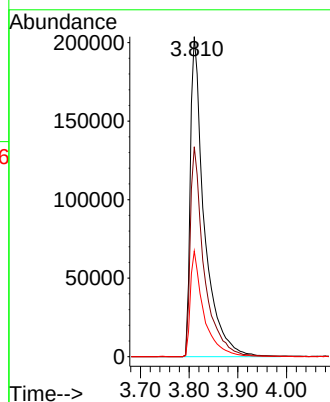
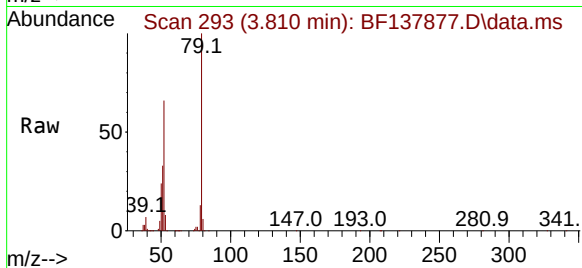
Tgt Ion: 79 Resp: 403426

Ion Ratio Lower Upper

79 100

52 65.6 55.5 83.3

51 33.0 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 38.082 ng

RT: 3.781 min Scan# 288

Delta R.T. 0.082 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

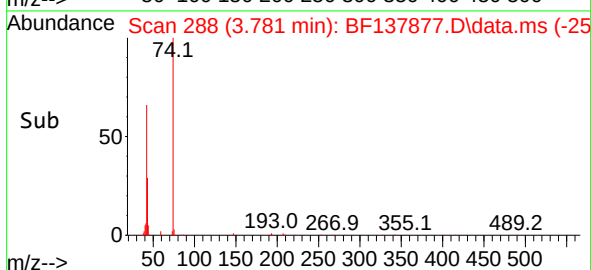
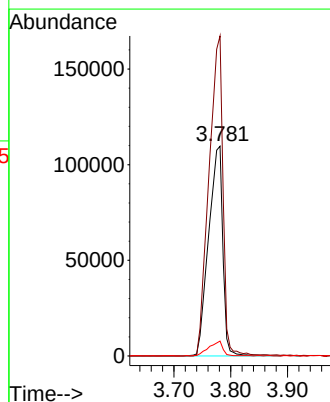
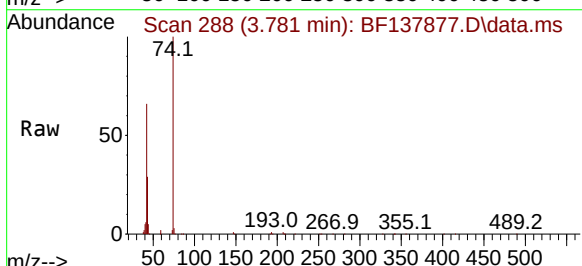
Tgt Ion: 42 Resp: 189863

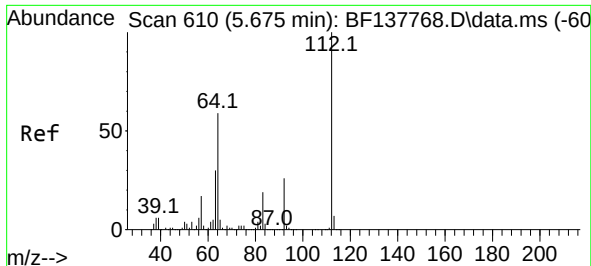
Ion Ratio Lower Upper

42 100

74 152.5 112.9 169.3

44 7.1 5.6 8.4

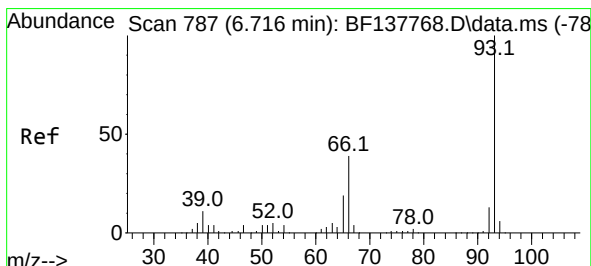
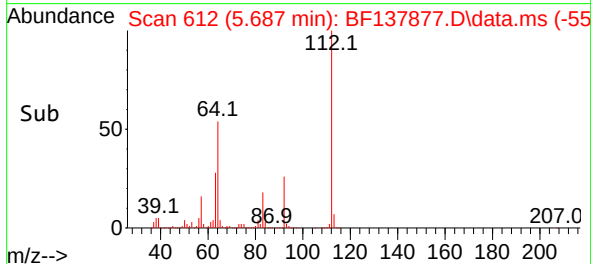
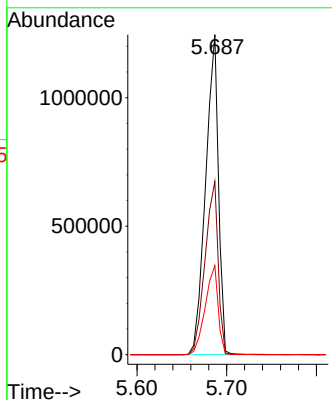
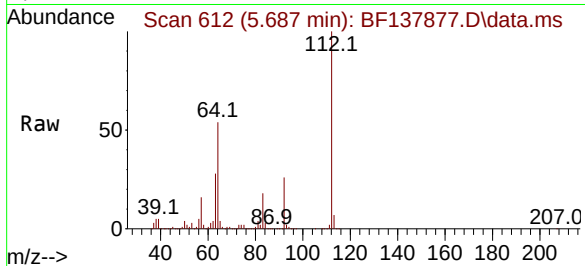




#5
2-Fluorophenol
Concen: 121.844 ng
RT: 5.687 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

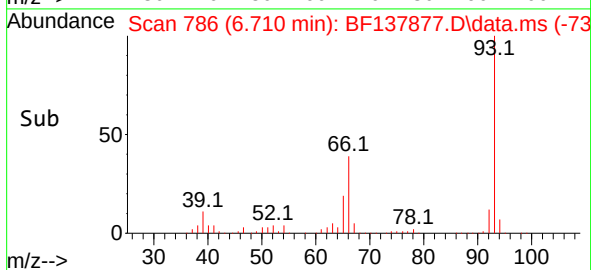
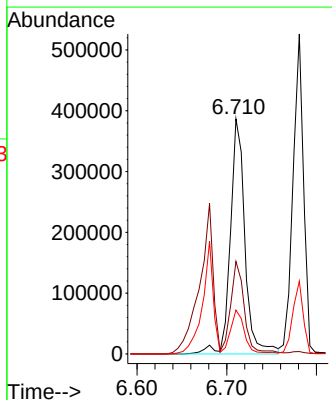
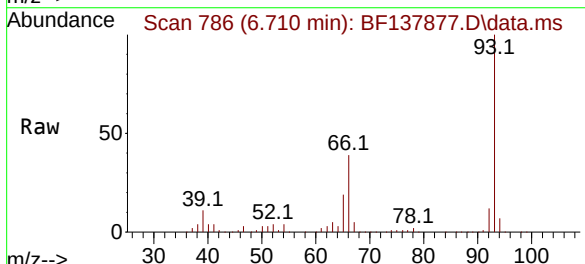
Instrument :
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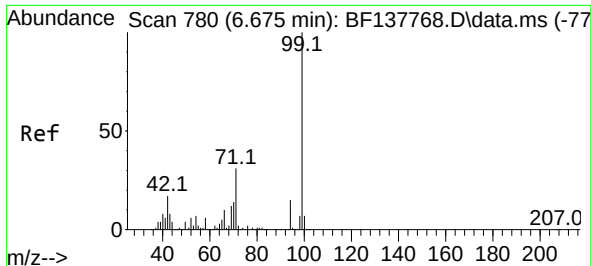
Tgt Ion:112 Resp: 1237788
Ion Ratio Lower Upper
112 100
64 54.1 47.3 70.9
63 27.9 23.7 35.5



#6
Aniline
Concen: 34.191 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 93 Resp: 436668
Ion Ratio Lower Upper
93 100
66 39.4 31.8 47.6
65 18.7 15.4 23.2



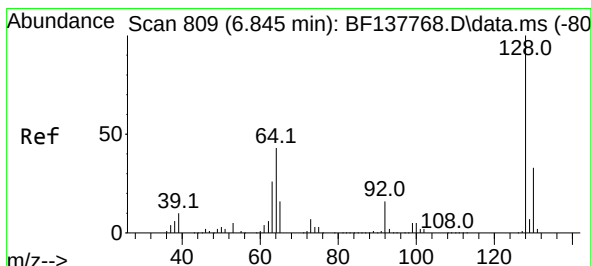
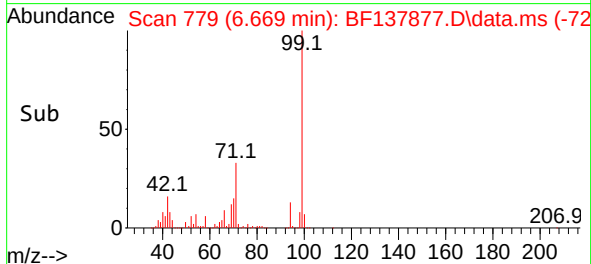
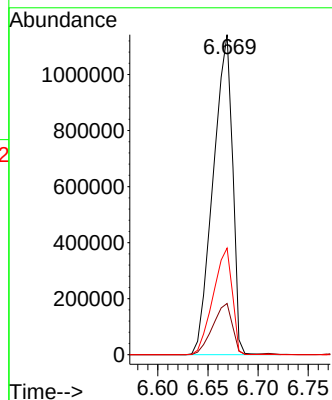
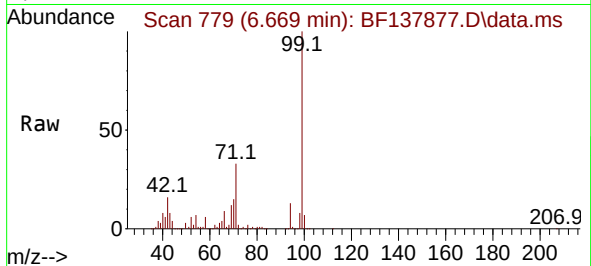


#7
Phenol-d6
Concen: 118.651 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1528872

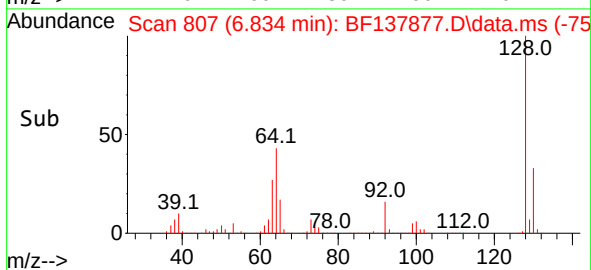
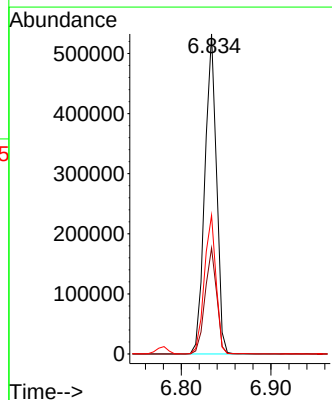
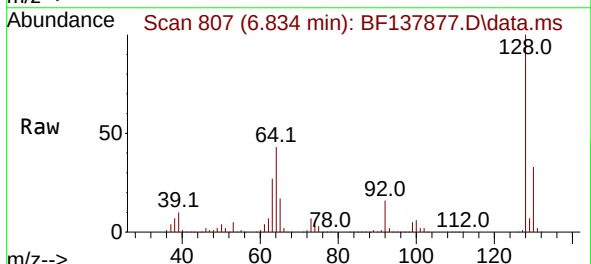
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.2	19.8
71	33.3	25.0	37.4

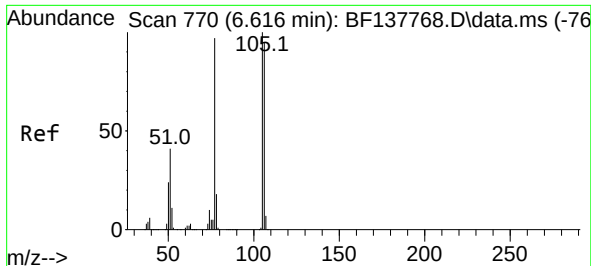


#8
2-Chlorophenol
Concen: 43.476 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 128 Resp: 481321

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.5	52.5
64	43.4	23.9	63.9

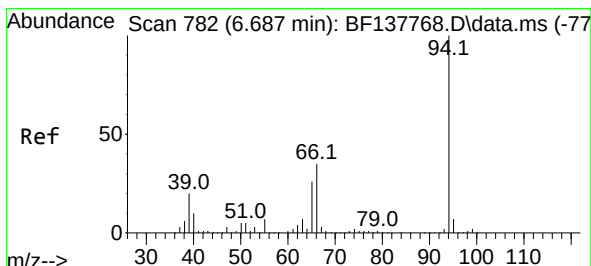
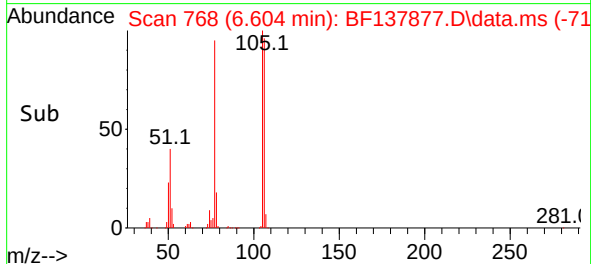
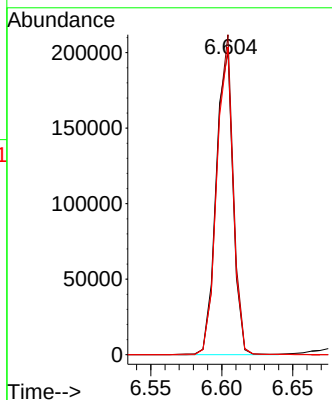
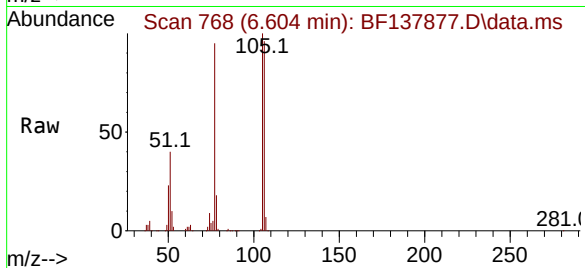




#9
Benzaldehyde
Concen: 24.091 ng
RT: 6.604 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

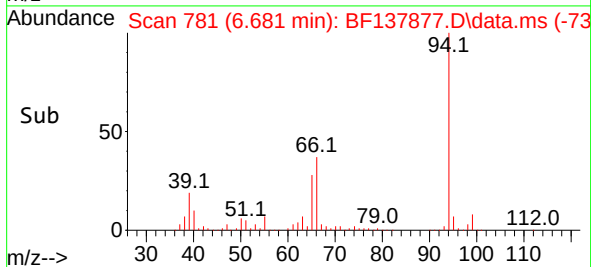
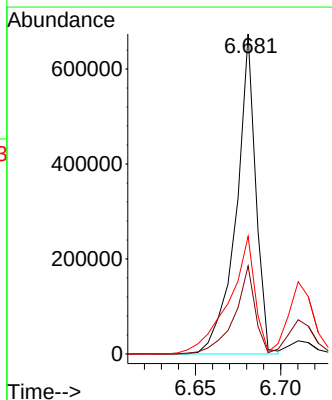
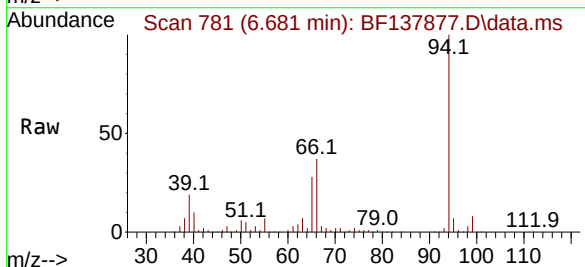
Instrument :
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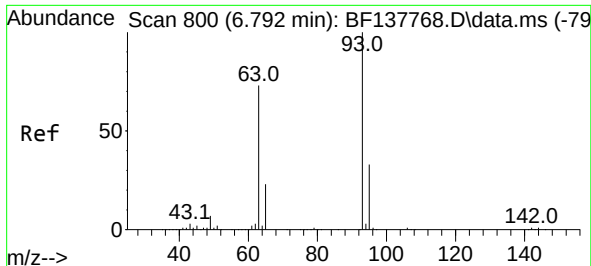
Tgt Ion: 77 Resp: 167167
Ion Ratio Lower Upper
77 100
105 105.4 83.2 123.2
106 101.3 77.7 117.7



#10
Phenol
Concen: 40.712 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 94 Resp: 537533
Ion Ratio Lower Upper
94 100
65 27.5 6.4 46.4
66 36.8 15.4 55.4

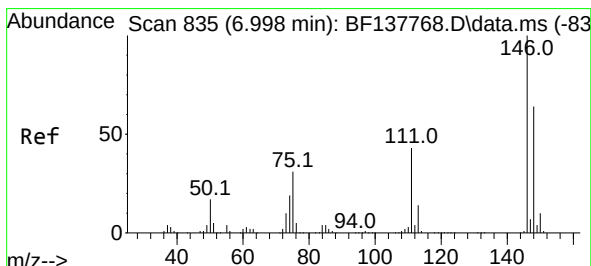
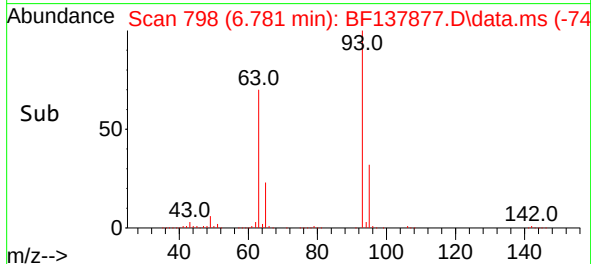
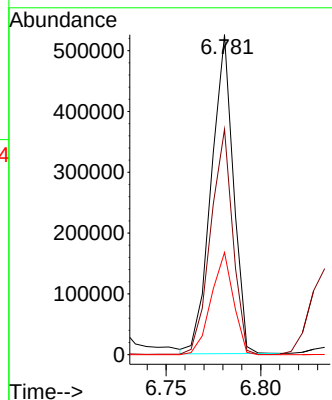
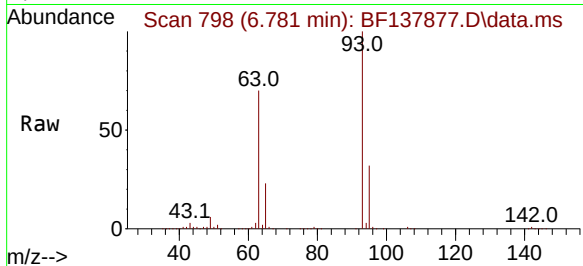




#11
bis(2-Chloroethyl)ether
Concen: 41.186 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

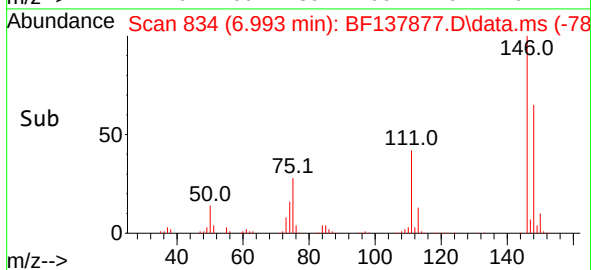
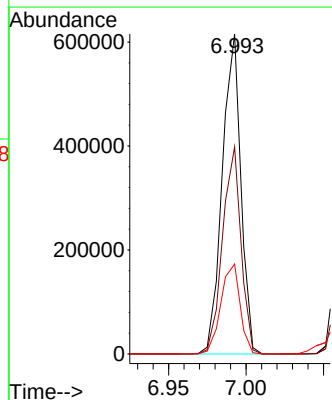
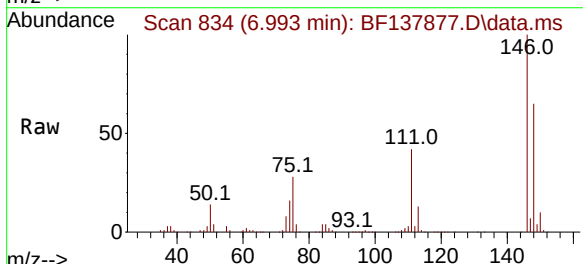
Instrument :
BNA_F
ClientSampleId :
PB160825BS

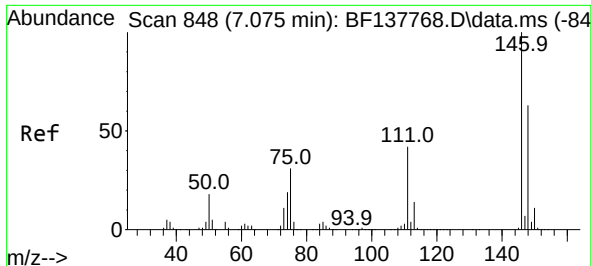
Tgt Ion: 93 Resp: 425791
Ion Ratio Lower Upper
93 100
63 70.5 51.6 91.6
95 32.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.100 ng
RT: 6.993 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:146 Resp: 513107
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 28.1 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 41.260 ng

RT: 7.069 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

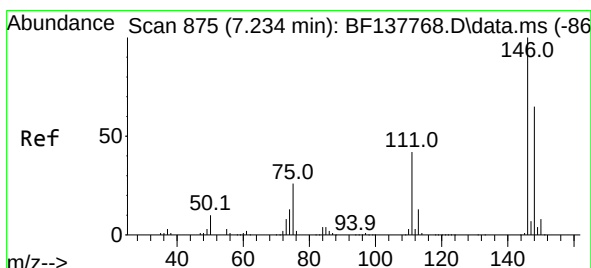
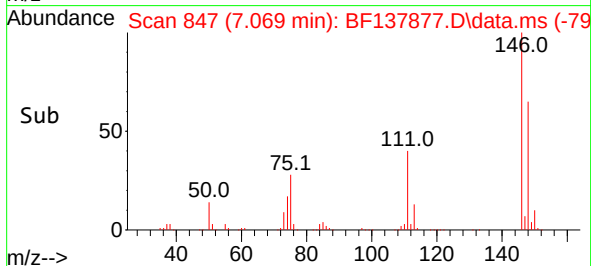
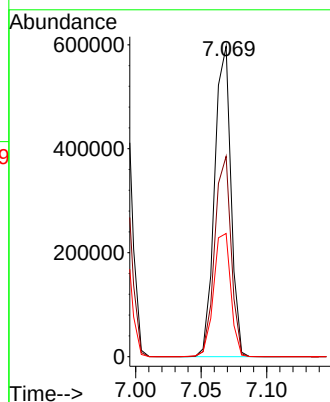
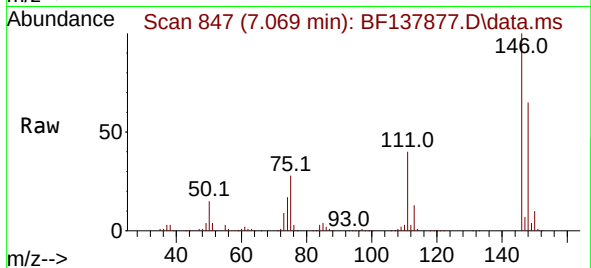
Tgt Ion:146 Resp: 516855

Ion Ratio Lower Upper

146 100

148 64.5 50.7 76.1

111 39.7 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 43.154 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

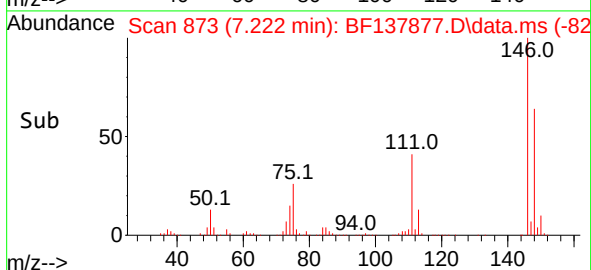
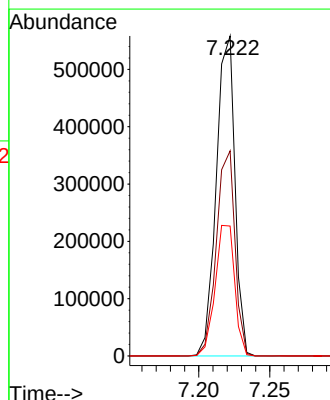
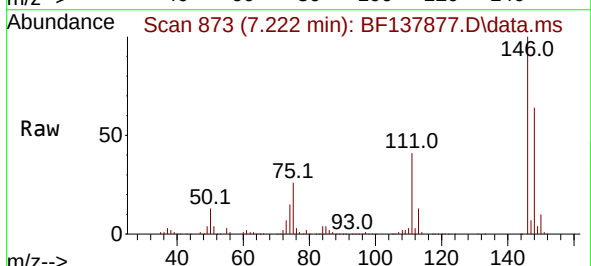
Tgt Ion:146 Resp: 509161

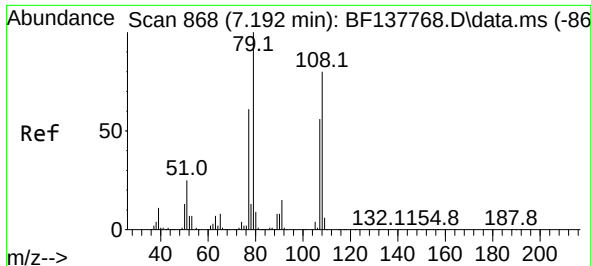
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

111 40.6 33.6 50.4

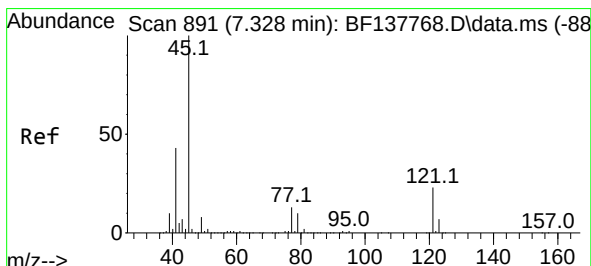
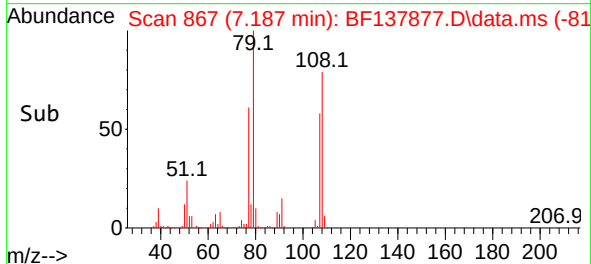
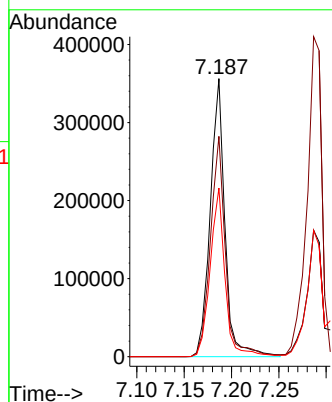
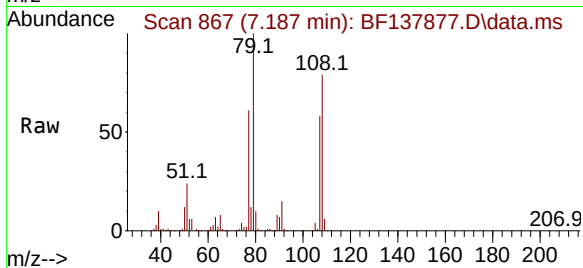




#15
Benzyl Alcohol
Concen: 43.077 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

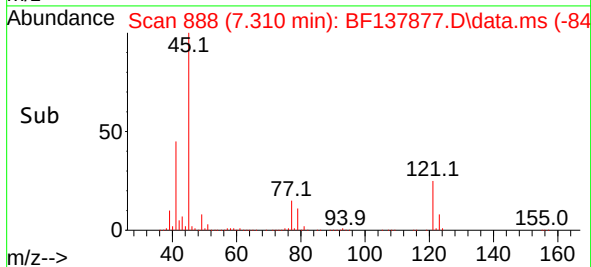
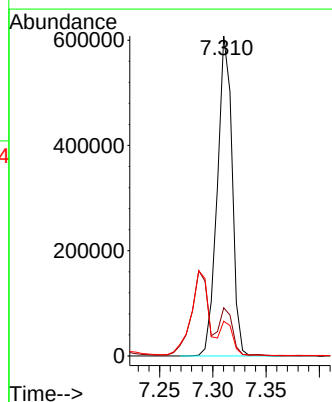
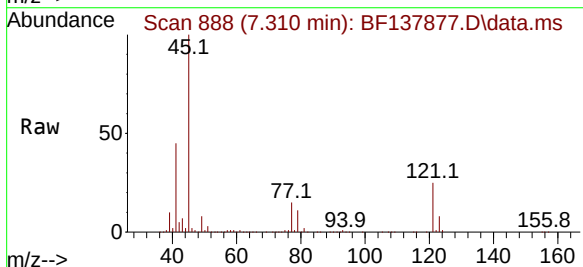
Instrument :
BNA_F
ClientSampleId :
PB160825BS

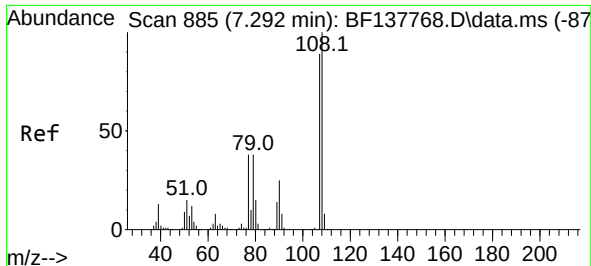
Tgt Ion: 79 Resp: 383854
Ion Ratio Lower Upper
79 100
108 79.2 64.2 96.2
77 60.6 48.5 72.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.544 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 45 Resp: 589164
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.8
79 10.8 0.0 31.0

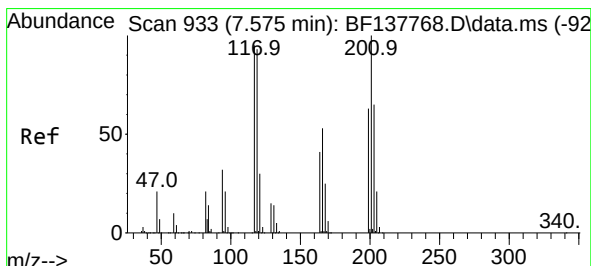
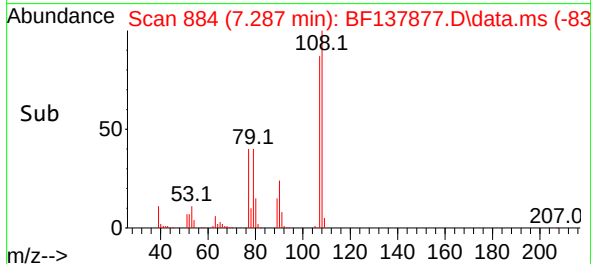
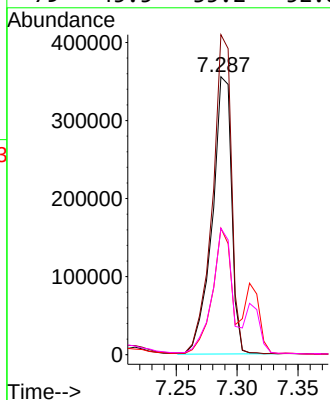
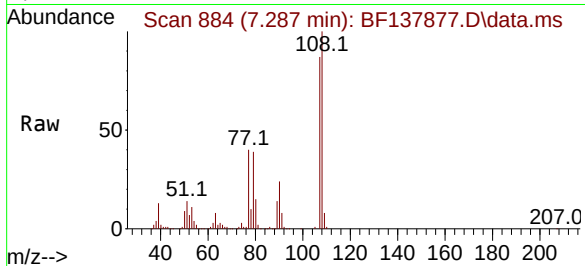




#17
2-Methylphenol
Concen: 44.039 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

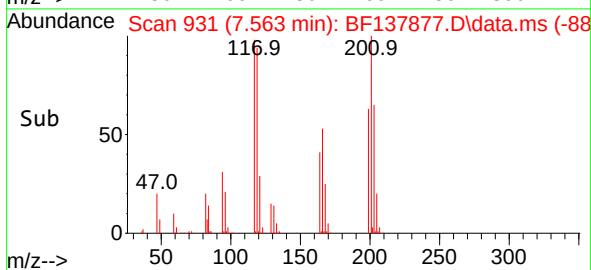
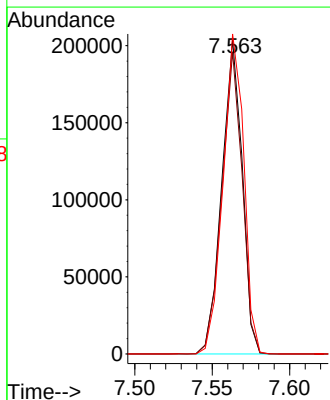
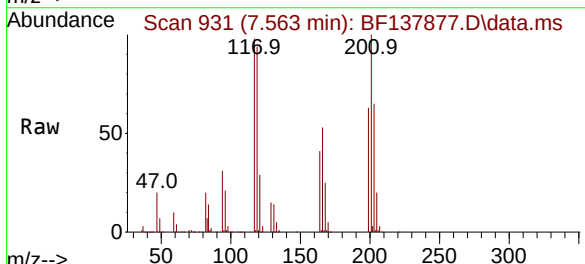
Instrument :
BNA_F
ClientSampleId :
PB160825BS

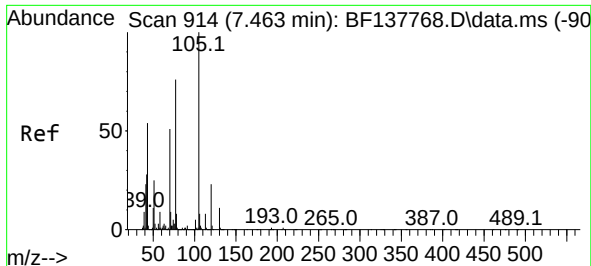
Tgt Ion:107 Resp: 393403
Ion Ratio Lower Upper
107 100
108 115.1 90.5 135.7
77 45.5 34.5 51.7
79 45.5 35.2 52.8



#18
Hexachloroethane
Concen: 44.055 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:117 Resp: 186565
Ion Ratio Lower Upper
117 100
119 96.1 77.6 116.4
201 101.8 83.8 125.8

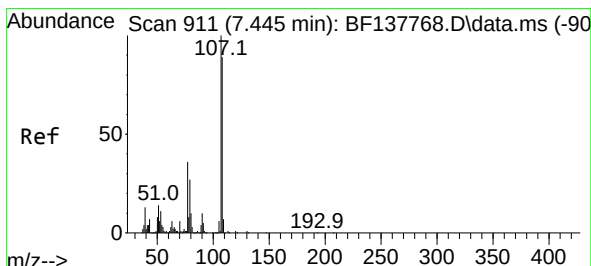
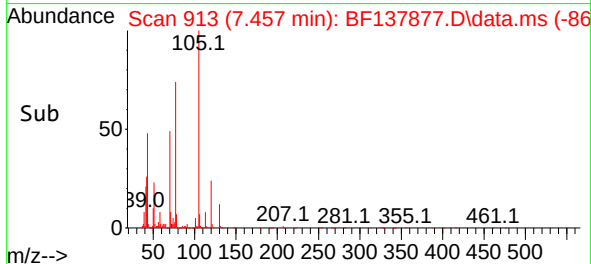
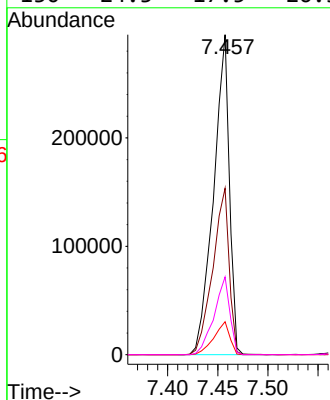
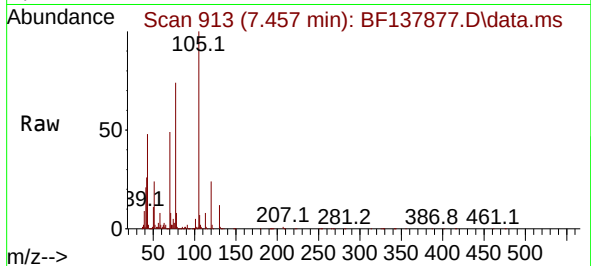




#19
n-Nitroso-di-n-propylamine
Concen: 41.980 ng
RT: 7.457 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

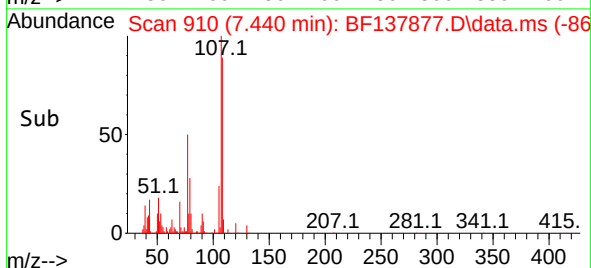
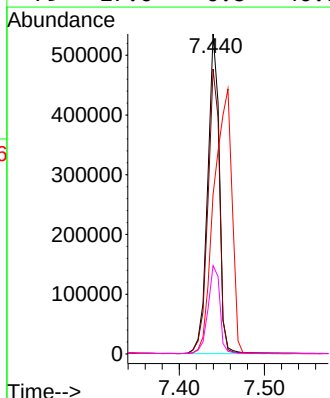
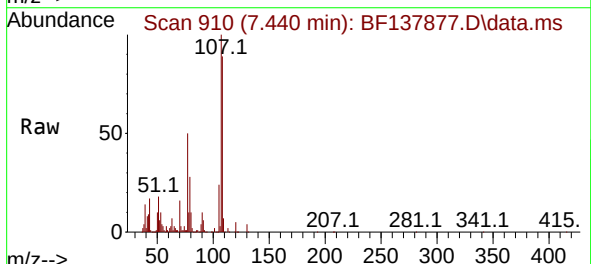
Instrument :
BNA_F
ClientSampleId :
PB160825BS

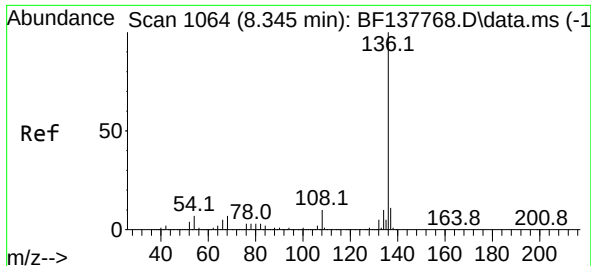
Tgt Ion: 70 Resp: 323268
Ion Ratio Lower Upper
70 100
42 52.0 44.6 66.8
101 10.3 7.8 11.6
130 24.3 17.5 26.3



#20
3+4-Methylphenols
Concen: 43.480 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 107 Resp: 511019
Ion Ratio Lower Upper
107 100
108 89.1 69.3 109.3
77 49.8 15.7 55.7
79 27.6 6.8 46.8

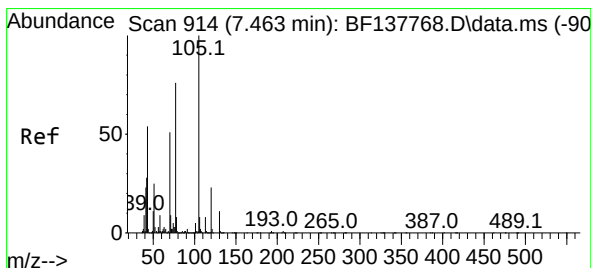
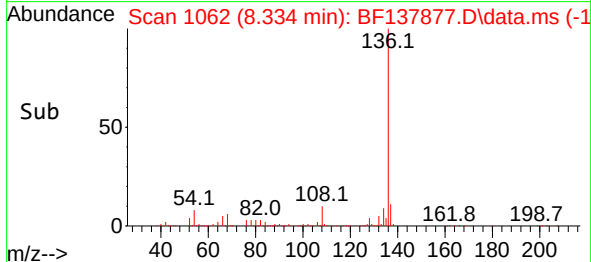
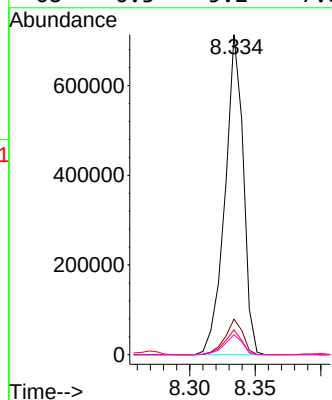
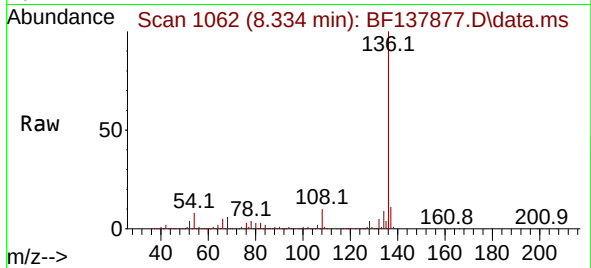




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

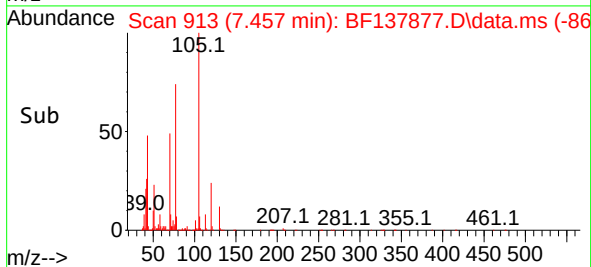
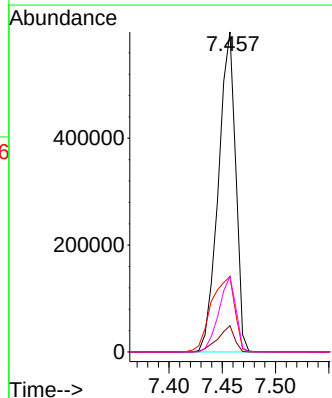
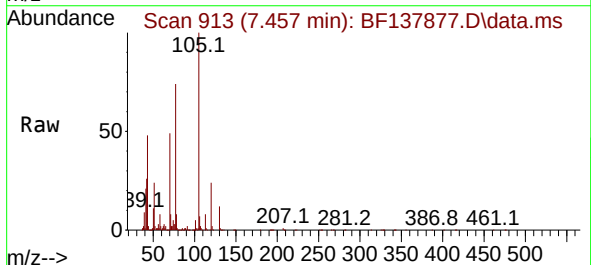
Instrument :
BNA_F
ClientSampleId :
PB160825BS

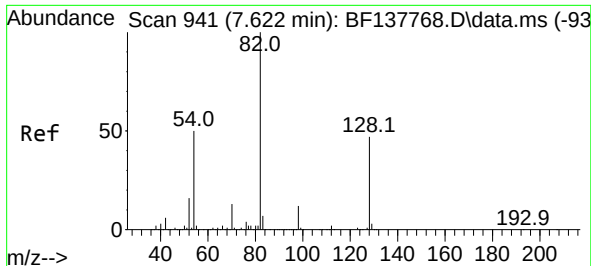
Tgt Ion:136 Resp: 689675
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 5.8 8.8
68 6.3 5.2 7.8



#22
Acetophenone
Concen: 43.407 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:105 Resp: 673289
Ion Ratio Lower Upper
105 100
71 8.2 6.9 10.3
51 23.5 20.2 30.2
120 23.6 18.6 27.8

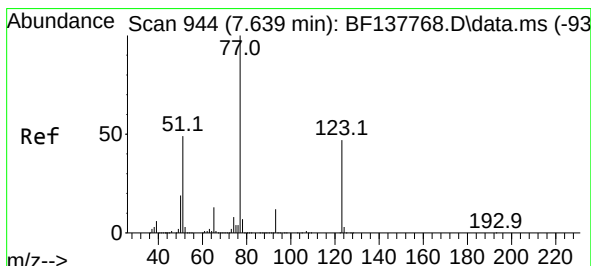
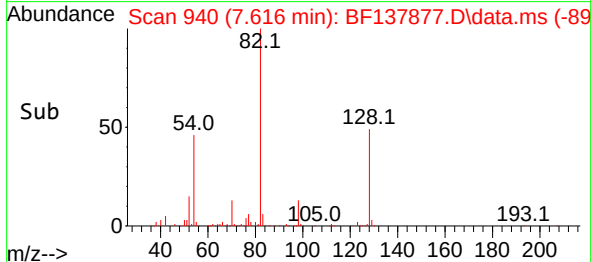
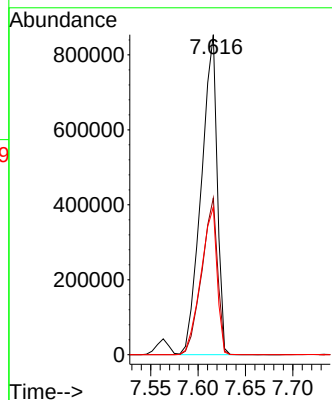
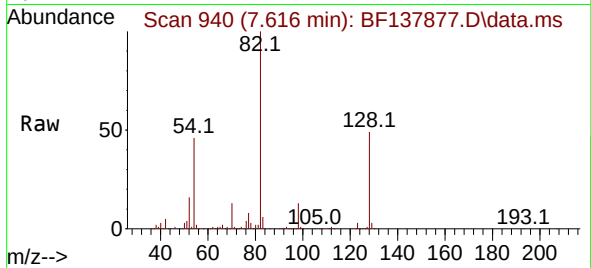




#23
Nitrobenzene-d5
Concen: 84.029 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

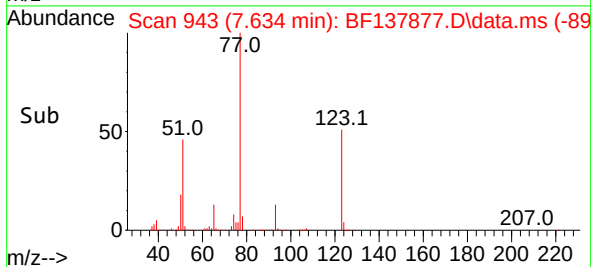
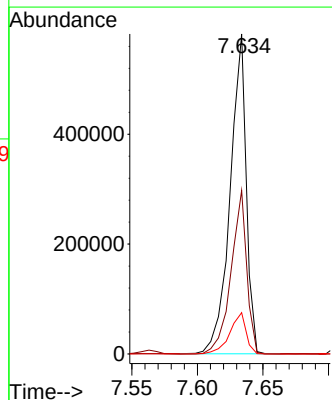
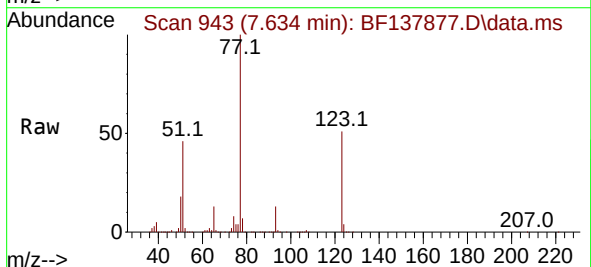
Instrument :
BNA_F
ClientSampleId :
PB160825BS

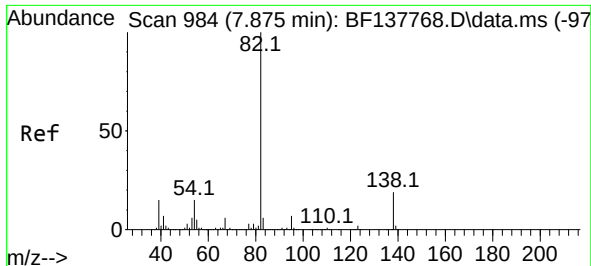
Tgt Ion: 82 Resp: 997499
Ion Ratio Lower Upper
82 100
128 49.0 37.5 56.3
54 46.1 39.8 59.6



#24
Nitrobenzene
Concen: 40.786 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 77 Resp: 499005
Ion Ratio Lower Upper
77 100
123 51.1 37.4 56.2
65 12.9 10.7 16.1

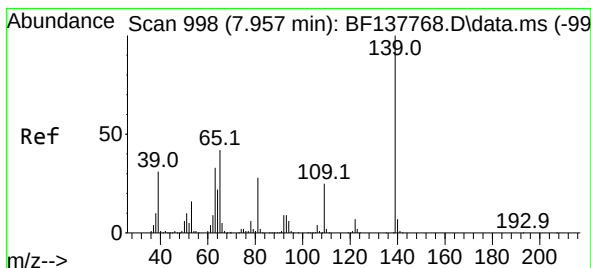
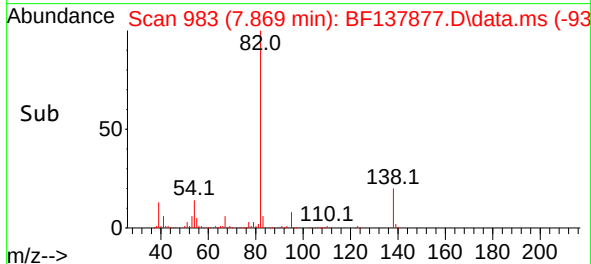
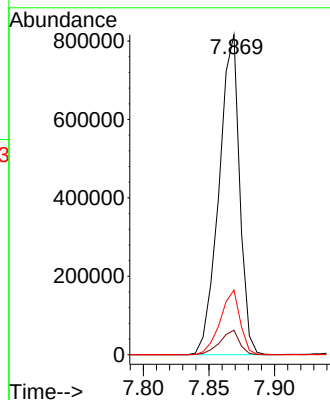
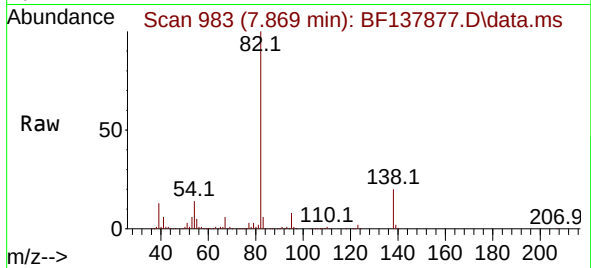




#25
Isophorone
Concen: 41.688 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

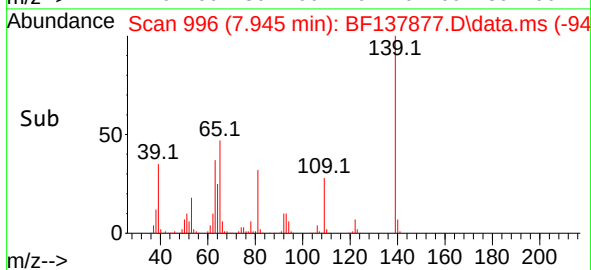
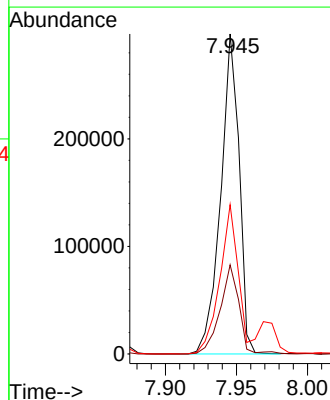
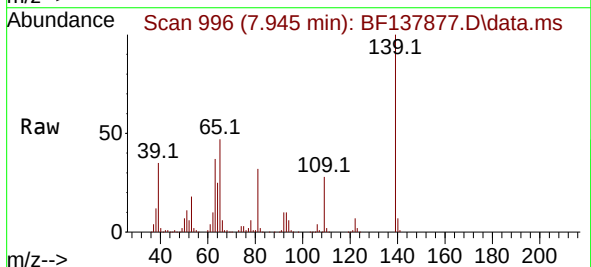
Instrument :
BNA_F
ClientSampleId :
PB160825BS

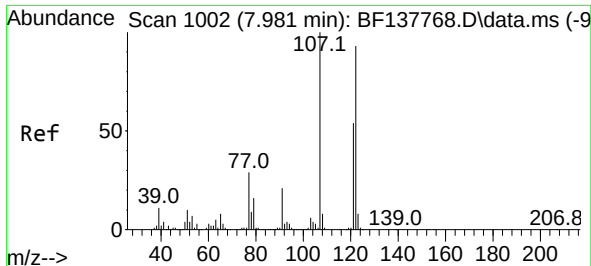
Tgt Ion: 82 Resp: 892263
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 20.1 15.0 22.6



#26
2-Nitrophenol
Concen: 48.475 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:139 Resp: 268572
Ion Ratio Lower Upper
139 100
109 27.9 20.2 30.2
65 46.7 33.4 50.0

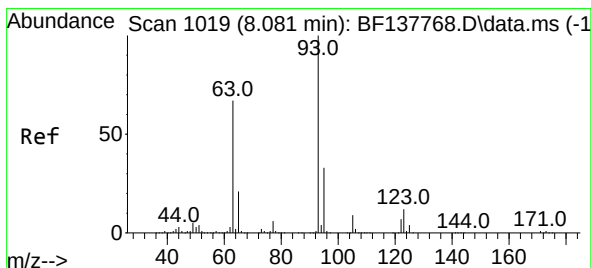
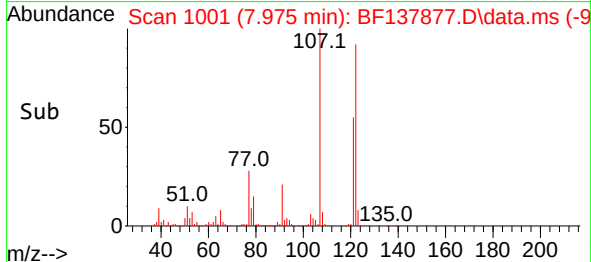
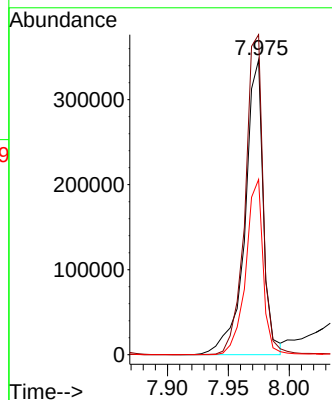
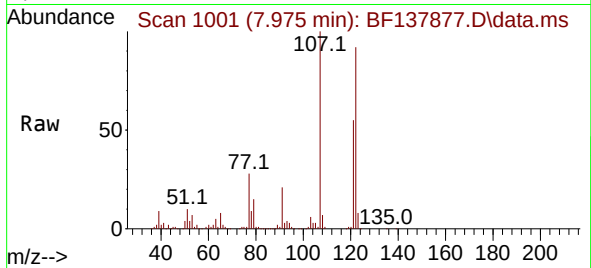




#27
2,4-Dimethylphenol
Concen: 45.815 ng
RT: 7.975 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

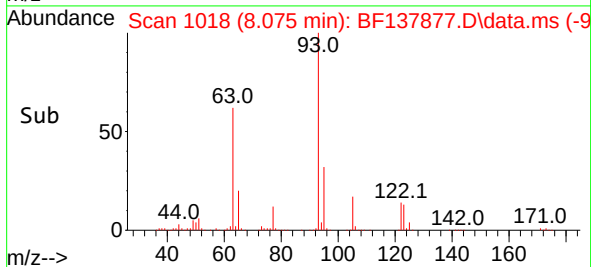
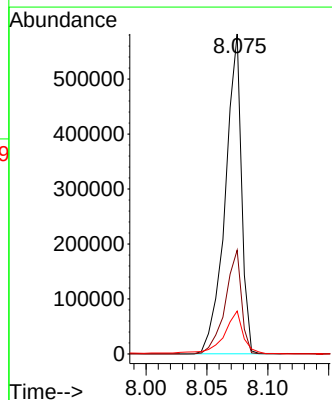
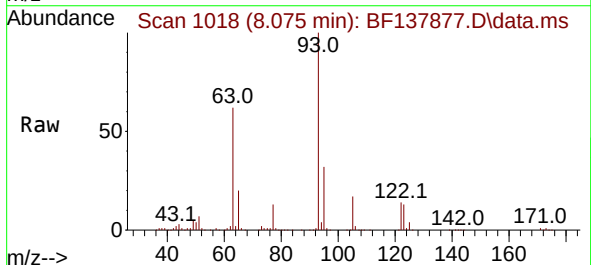
Instrument :
BNA_F
ClientSampleId :
PB160825BS

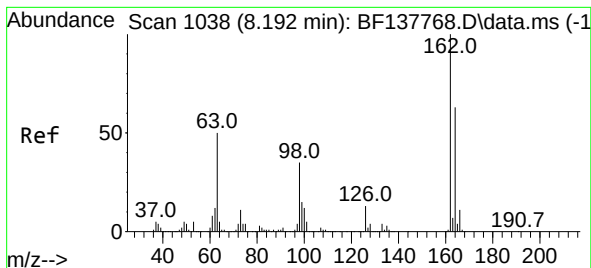
Tgt Ion:122 Resp: 365430
Ion Ratio Lower Upper
122 100
107 108.6 85.8 128.8
121 59.4 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.662 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 93 Resp: 539892
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 13.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.372 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

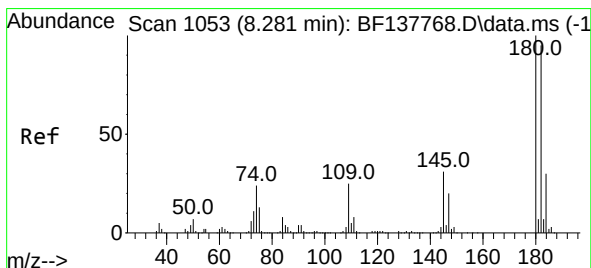
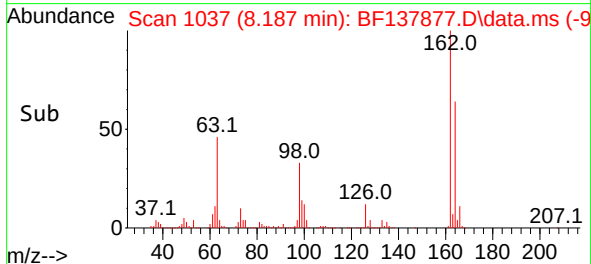
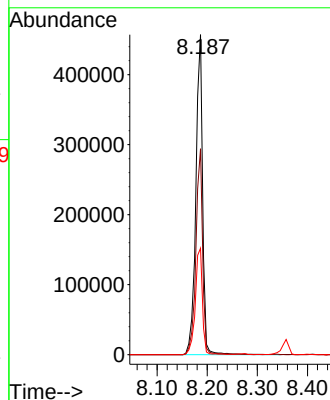
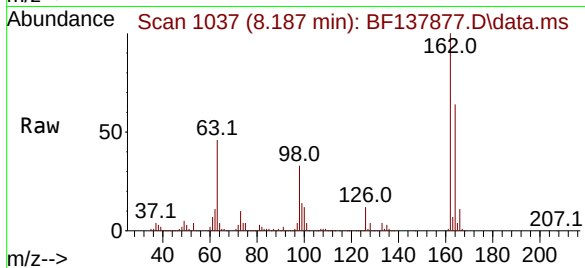
Tgt Ion:162 Resp: 427790

Ion Ratio Lower Upper

162 100

164 64.4 43.5 83.5

98 33.3 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 43.194 ng

RT: 8.269 min Scan# 1051

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

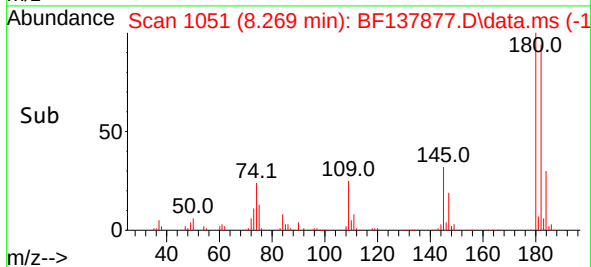
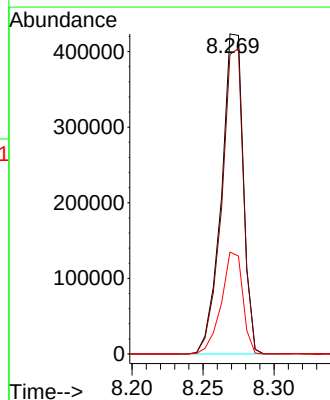
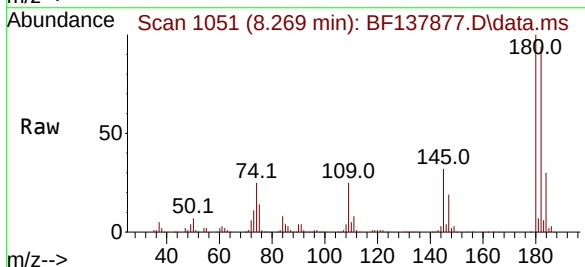
Tgt Ion:180 Resp: 453964

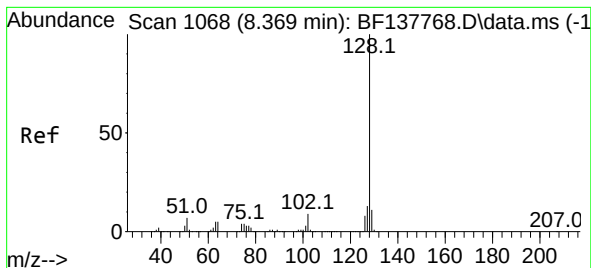
Ion Ratio Lower Upper

180 100

182 93.6 76.2 114.2

145 31.9 25.1 37.7





#31

Naphthalene

Concen: 42.474 ng

RT: 8.357 min Scan# 1066

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

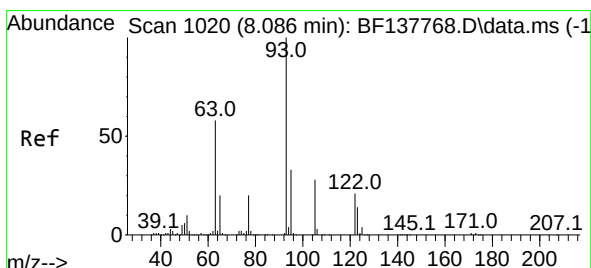
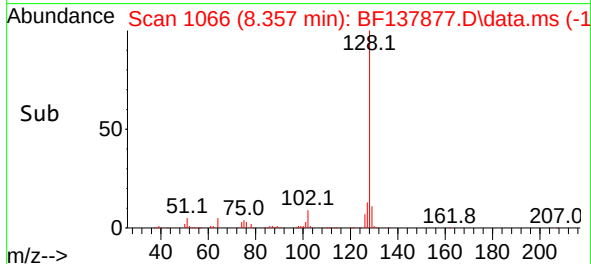
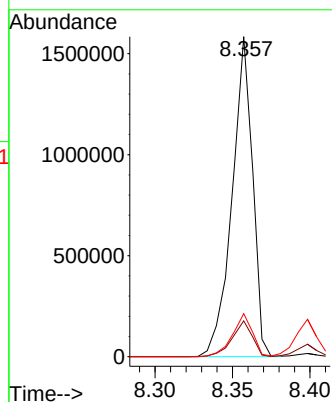
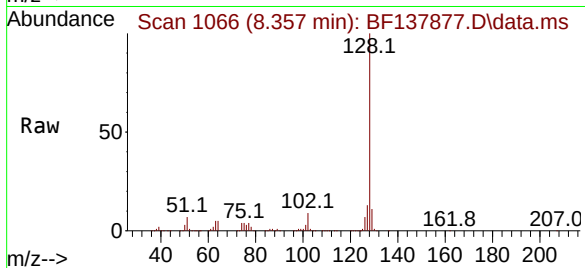
Tgt Ion:128 Resp: 1455752

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 41.945 ng

RT: 8.087 min Scan# 1020

Delta R.T. 0.001 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

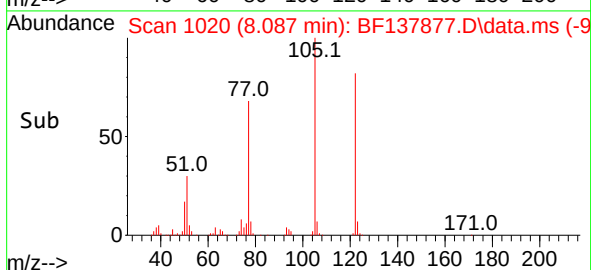
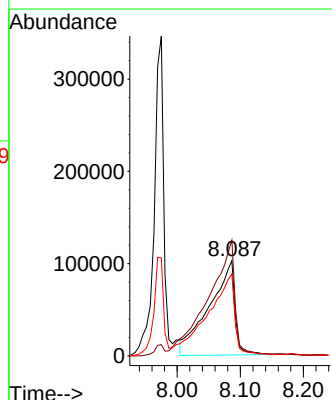
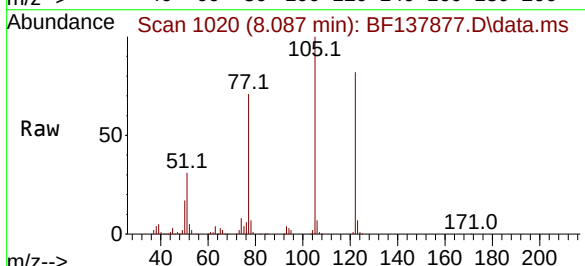
Tgt Ion:122 Resp: 288628

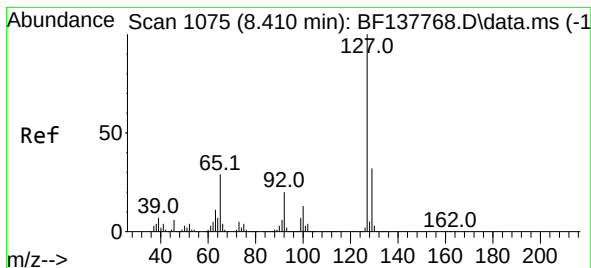
Ion Ratio Lower Upper

122 100

105 121.7 105.3 145.3

77 85.9 73.2 113.2





#33

4-Chloroaniline

Concen: 15.715 ng

RT: 8.398 min Scan# 1073

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

Tgt Ion:127 Resp: 199728

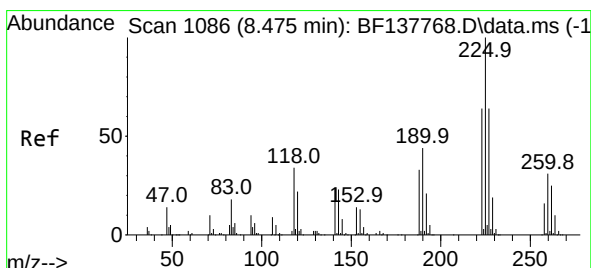
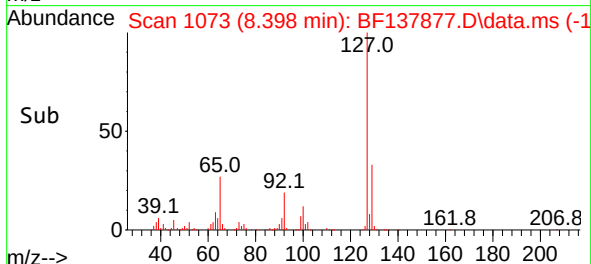
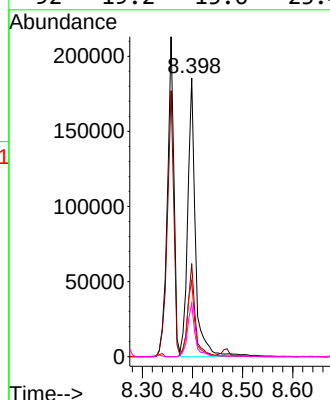
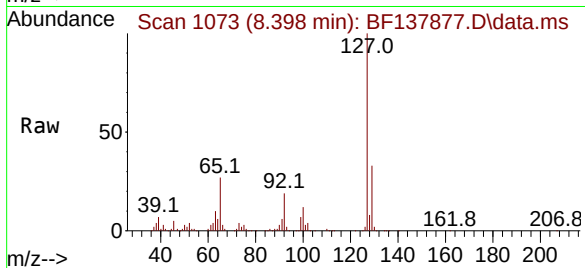
Ion Ratio Lower Upper

127 100

129 33.4 25.7 38.5

65 27.3 23.4 35.2

92 19.2 15.6 23.4



#34

Hexachlorobutadiene

Concen: 42.003 ng

RT: 8.469 min Scan# 1085

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

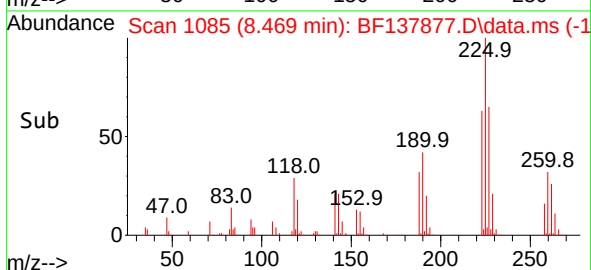
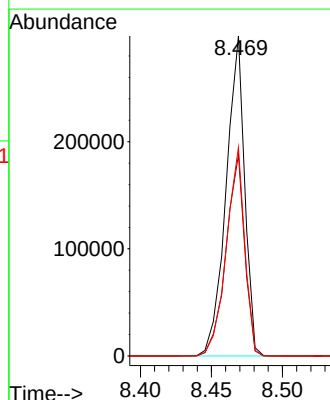
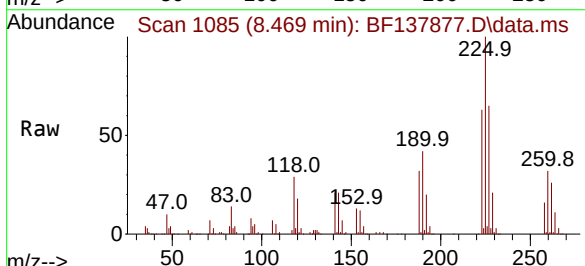
Tgt Ion:225 Resp: 271032

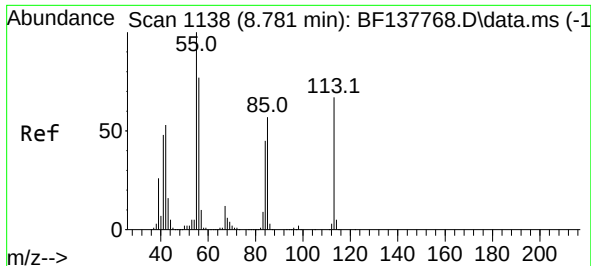
Ion Ratio Lower Upper

225 100

223 62.9 51.1 76.7

227 65.3 51.4 77.0

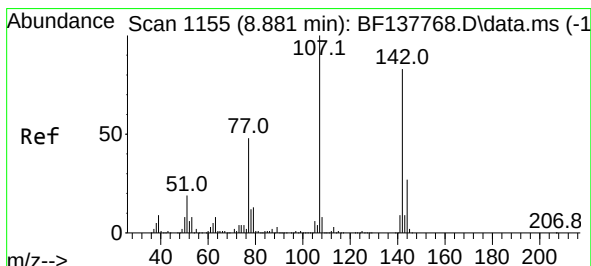
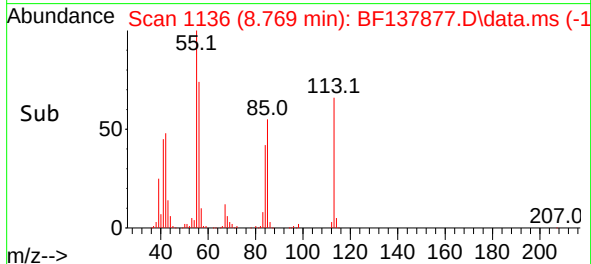
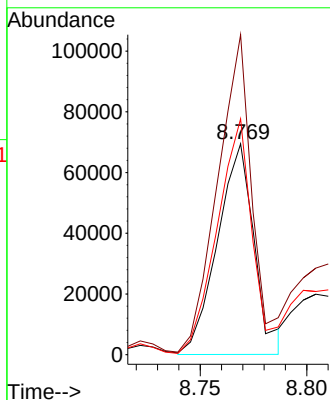
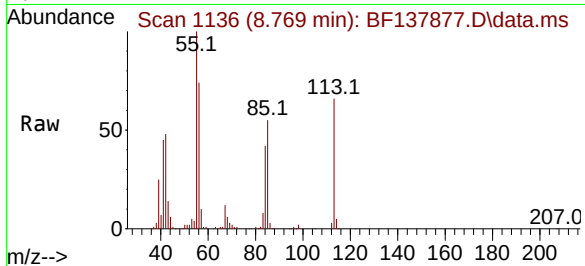




#35
Caprolactam
Concen: 27.194 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

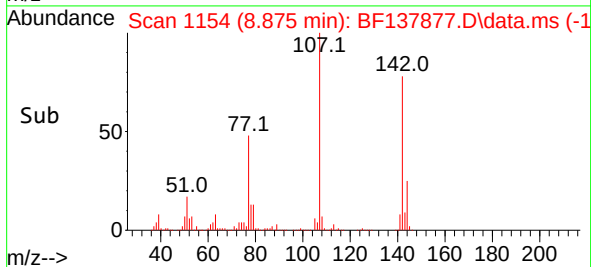
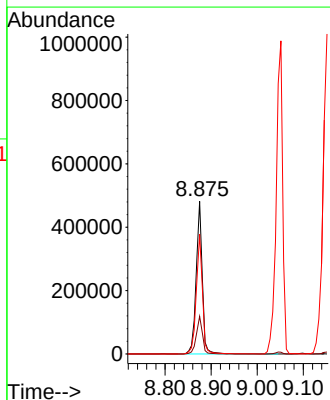
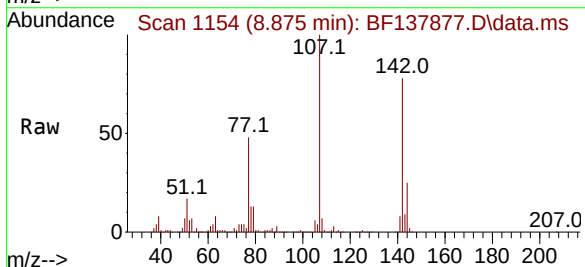
Instrument :
BNA_F
ClientSampleId :
PB160825BS

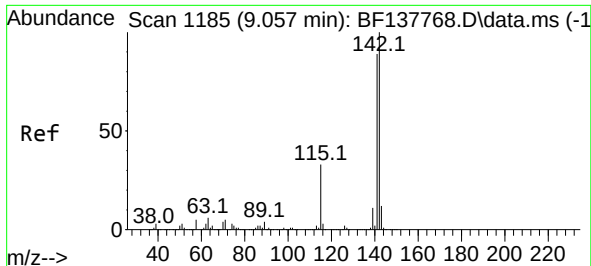
Tgt Ion:113 Resp: 83068
Ion Ratio Lower Upper
113 100
55 151.7 128.7 168.7
56 111.8 93.9 133.9



#36
4-Chloro-3-methylphenol
Concen: 43.976 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:107 Resp: 442126
Ion Ratio Lower Upper
107 100
144 24.6 21.4 32.0
142 78.4 66.2 99.2





#37

2-Methylnaphthalene

Concen: 42.928 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

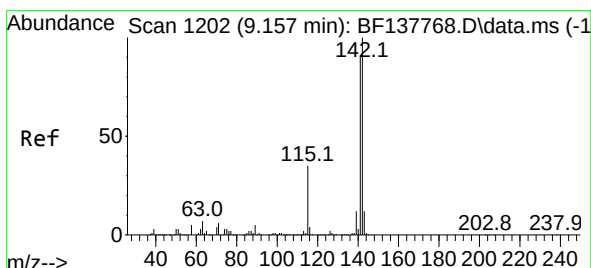
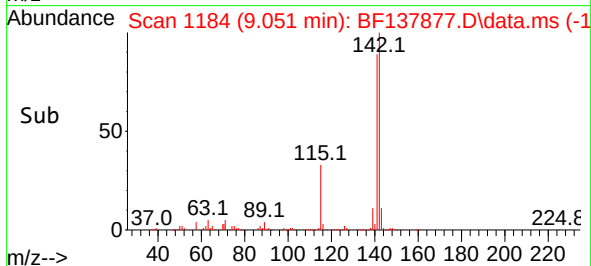
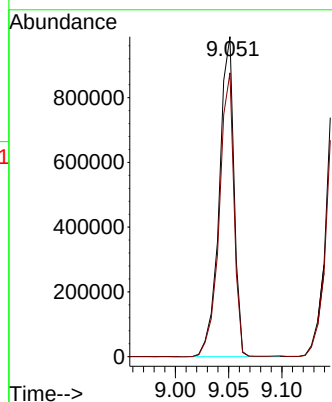
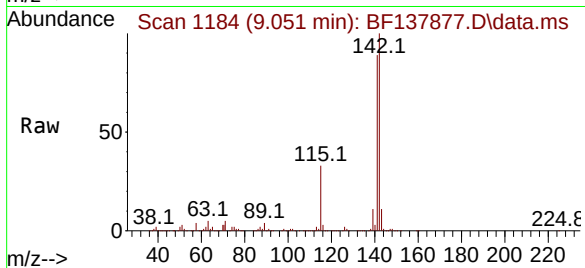
PB160825BS

Tgt Ion:142 Resp: 952386

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2



#38

1-Methylnaphthalene

Concen: 40.613 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137877.D

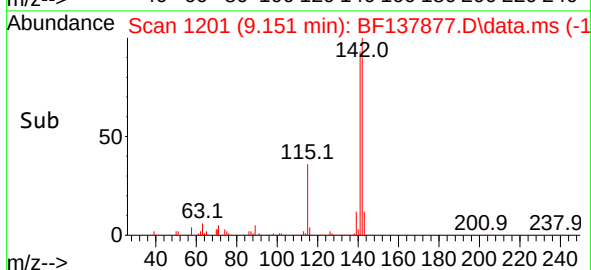
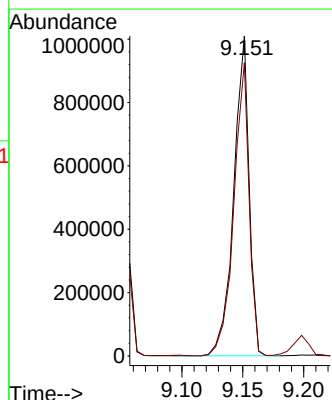
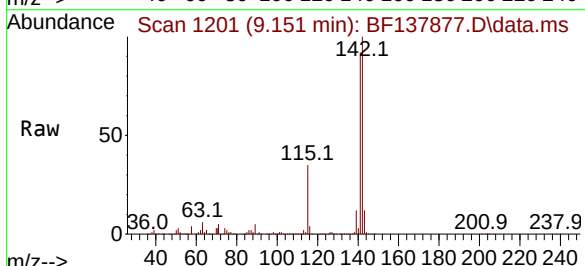
Acq: 10 May 2024 13:03

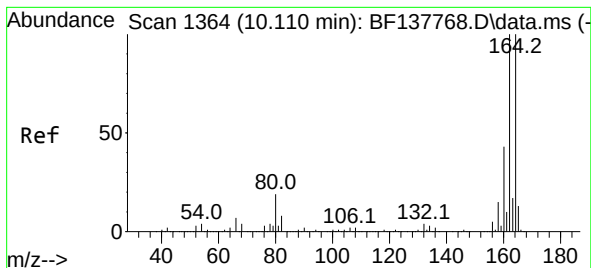
Tgt Ion:142 Resp: 886444

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

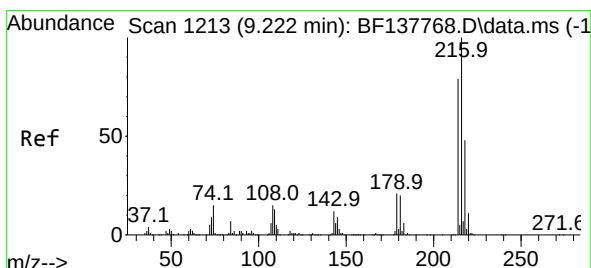
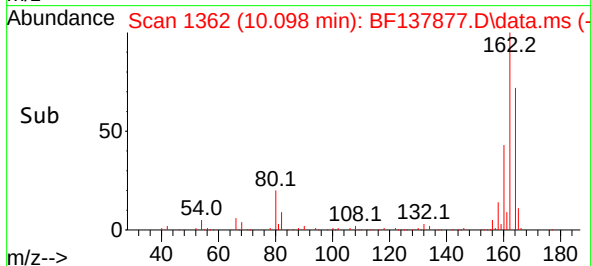
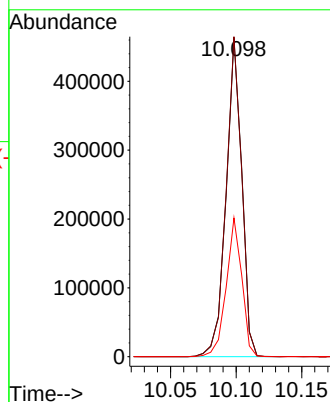
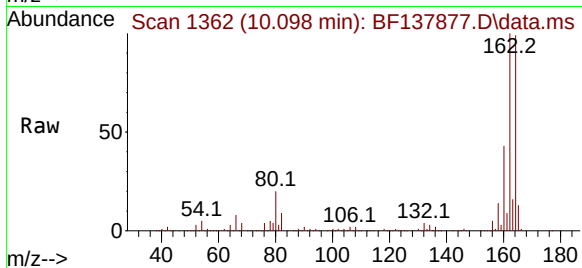
Tgt Ion:164 Resp: 383994

Ion Ratio Lower Upper

164 100

162 100.5 79.8 119.6

160 43.6 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.839 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Tgt Ion:216 Resp: 445853

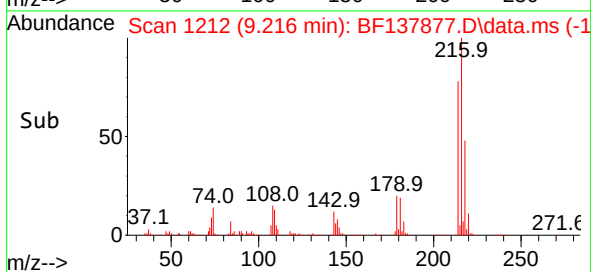
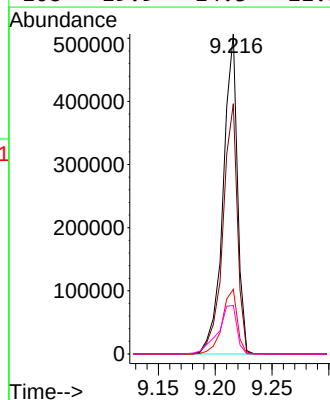
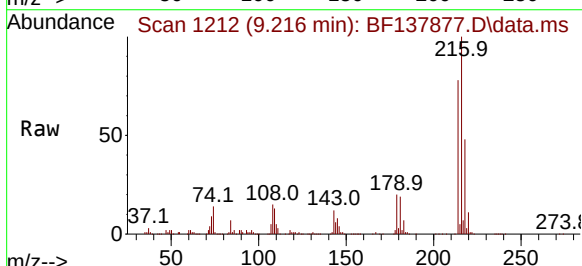
Ion Ratio Lower Upper

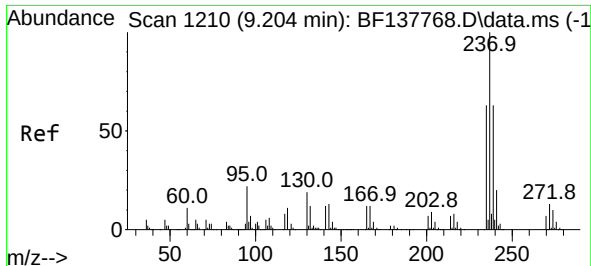
216 100

214 79.1 63.3 94.9

179 21.0 16.8 25.2

108 19.9 14.3 21.5

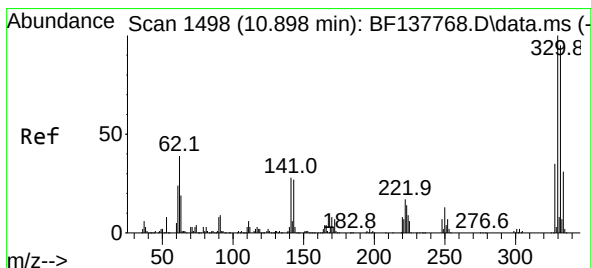
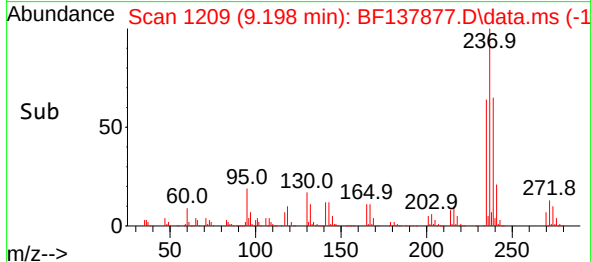
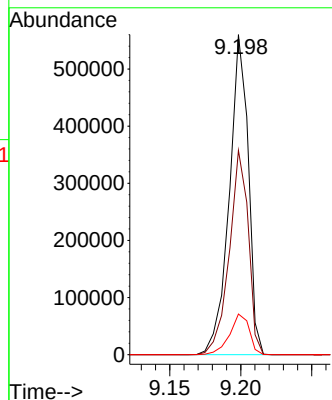
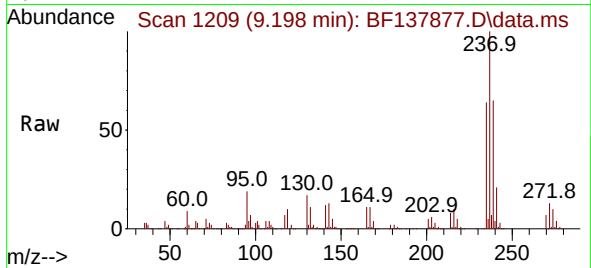




#41
Hexachlorocyclopentadiene
Concen: 125.836 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

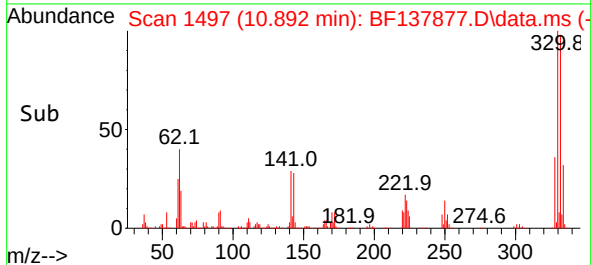
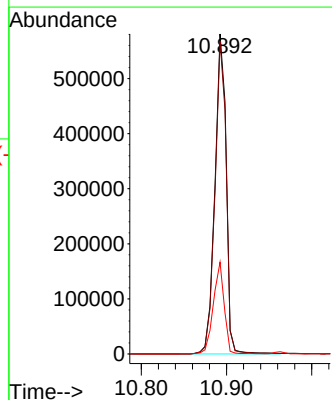
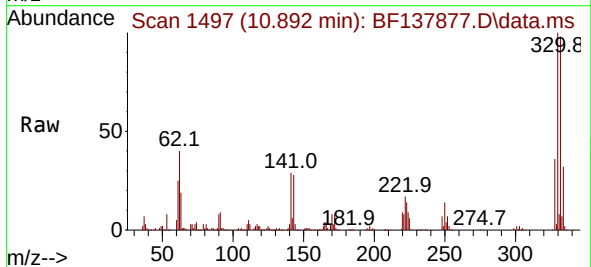
Instrument :
BNA_F
ClientSampleId :
PB160825BS

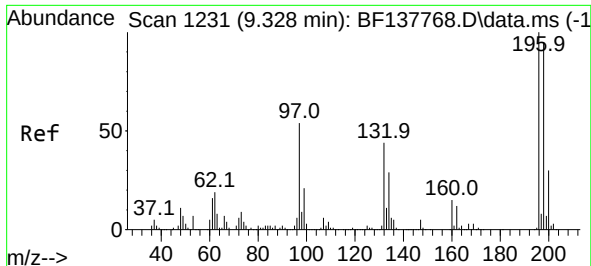
Tgt Ion:237 Resp: 519819
Ion Ratio Lower Upper
237 100
235 63.9 43.0 83.0
272 12.7 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 136.990 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:330 Resp: 537092
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 27.7 23.8 35.6

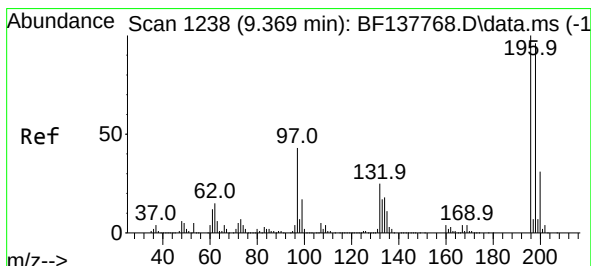
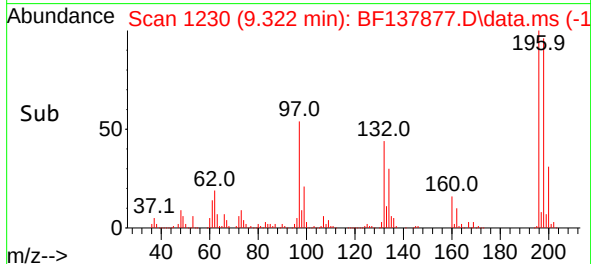
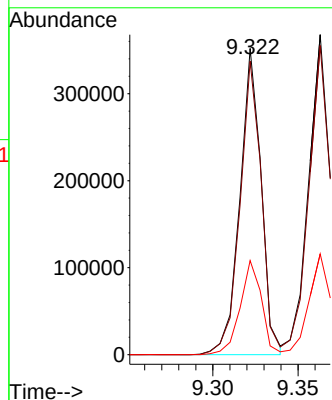
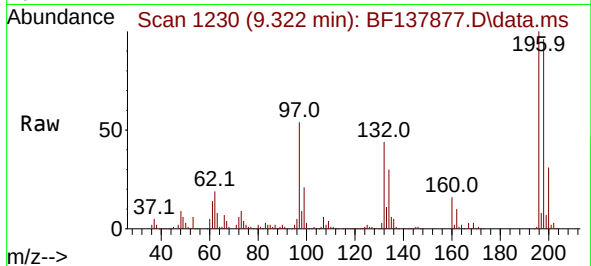




#43
 2,4,6-Trichlorophenol
 Concen: 44.166 ng
 RT: 9.322 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137877.D
 Acq: 10 May 2024 13:03

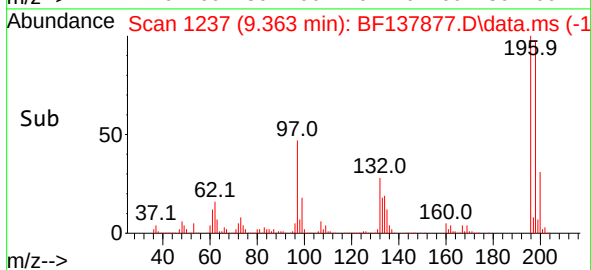
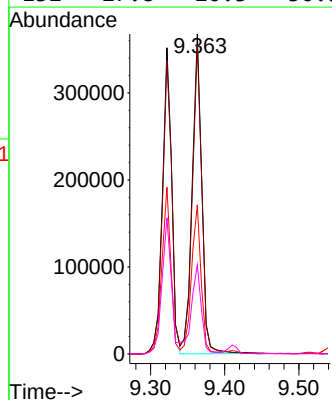
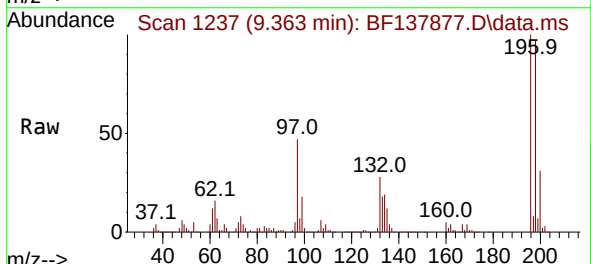
Instrument :
 BNA_F
 ClientSampleId :
 PB160825BS

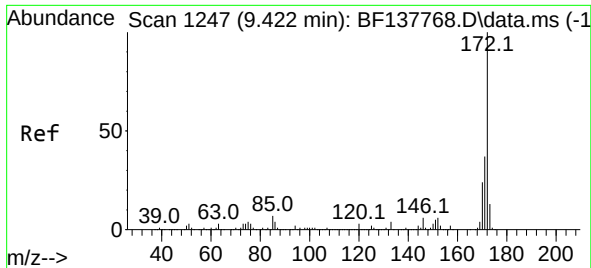
Tgt Ion:196 Resp: 305760
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.4
 200 30.7 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.558 ng
 RT: 9.363 min Scan# 1237
 Delta R.T. -0.006 min
 Lab File: BF137877.D
 Acq: 10 May 2024 13:03

Tgt Ion:196 Resp: 332974
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.6 114.8
 97 46.6 34.5 51.7
 132 27.8 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 86.965 ng

RT: 9.410 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

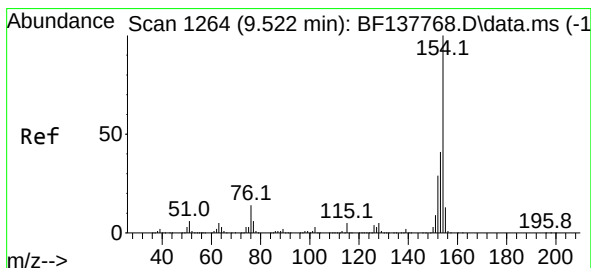
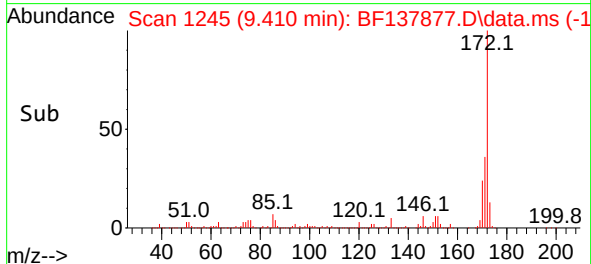
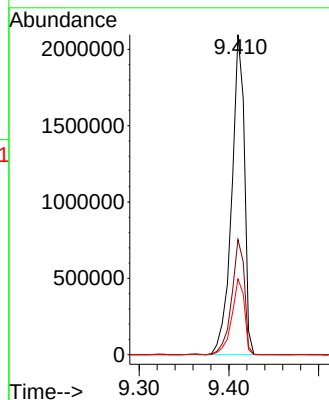
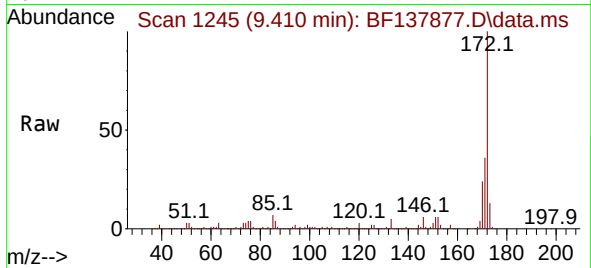
Tgt Ion:172 Resp: 2058363

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

170 23.6 19.4 29.2



#46

1,1'-Biphenyl

Concen: 44.310 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

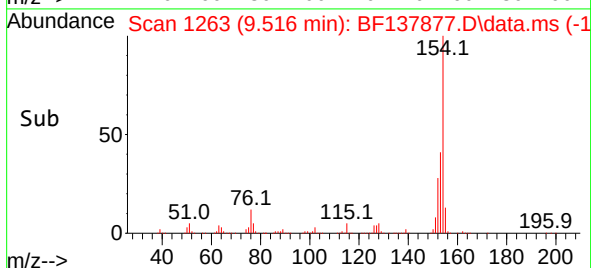
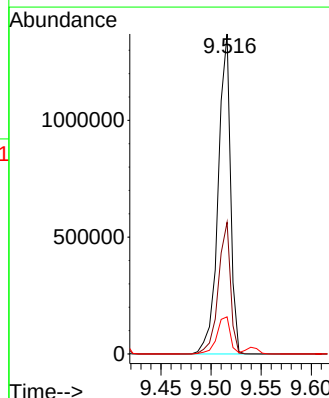
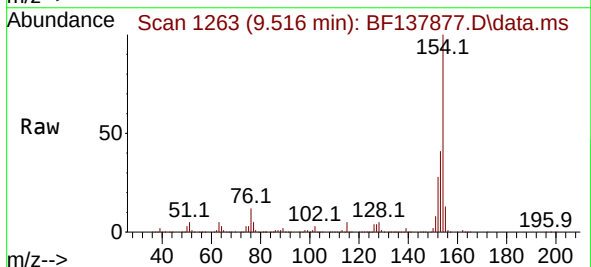
Tgt Ion:154 Resp: 1167684

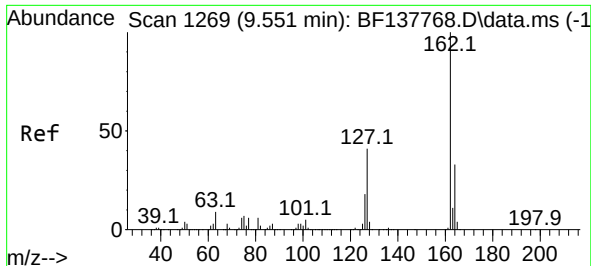
Ion Ratio Lower Upper

154 100

153 41.1 21.4 61.4

76 11.6 0.0 33.5





#47

2-Chloronaphthalene

Concen: 42.032 ng

RT: 9.539 min Scan# 1267

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

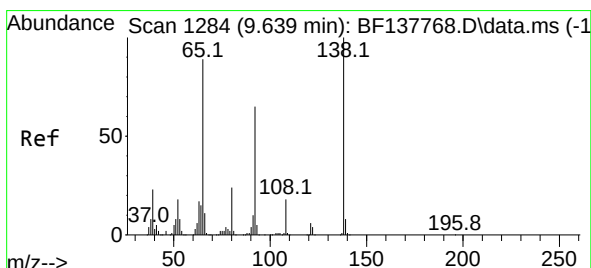
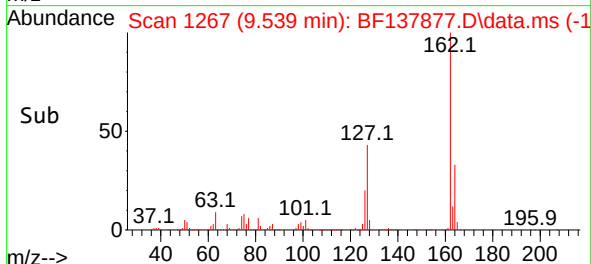
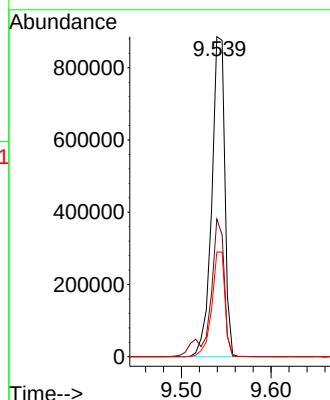
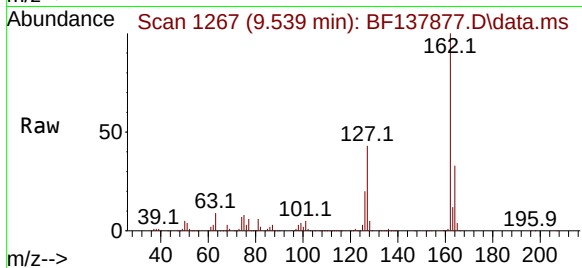
Tgt Ion:162 Resp: 894270

Ion Ratio Lower Upper

162 100

127 43.0 32.6 49.0

164 32.7 26.5 39.7



#48

2-Nitroaniline

Concen: 44.888 ng

RT: 9.634 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

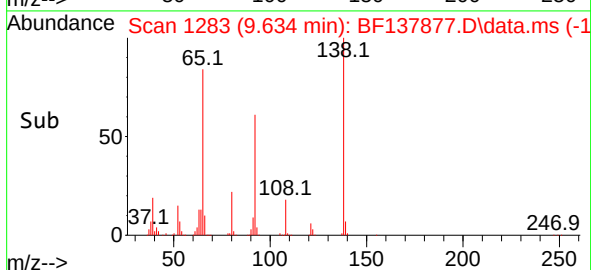
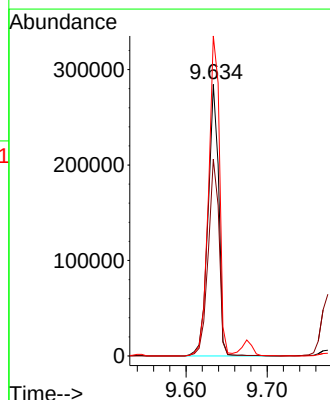
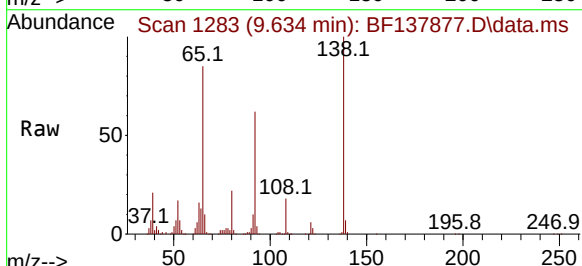
Tgt Ion: 65 Resp: 259014

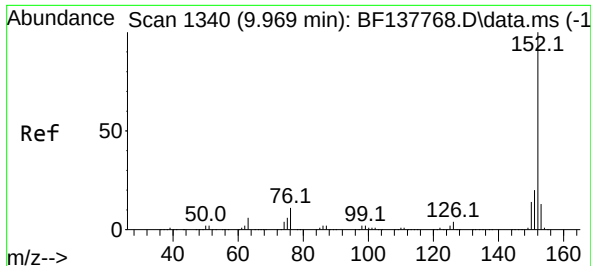
Ion Ratio Lower Upper

65 100

92 72.5 58.6 88.0

138 117.8 90.3 135.5





#49

Acenaphthylene

Concen: 47.136 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

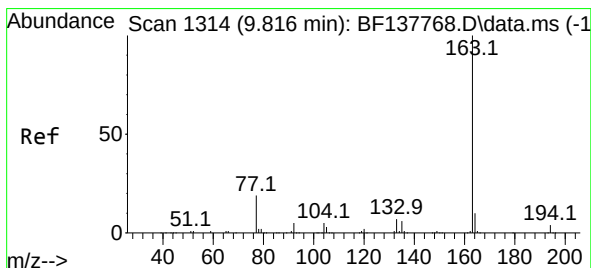
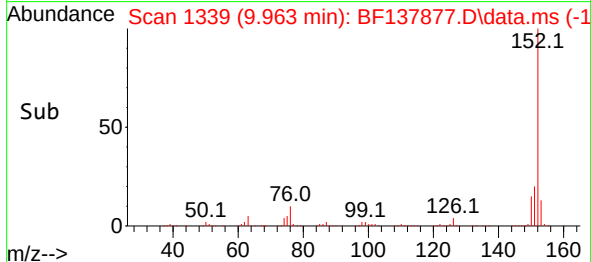
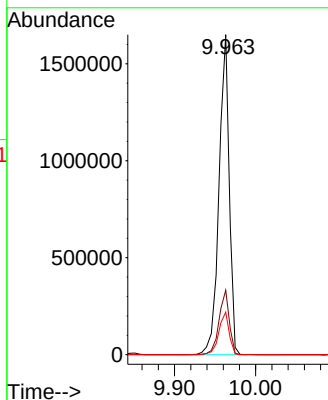
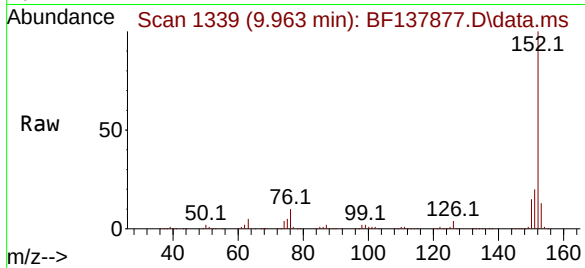
Tgt Ion:152 Resp: 1450715

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 44.709 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

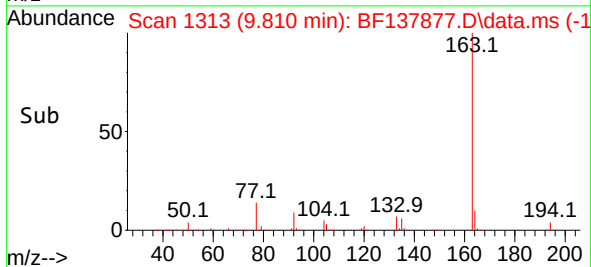
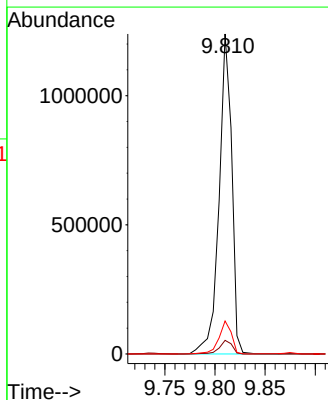
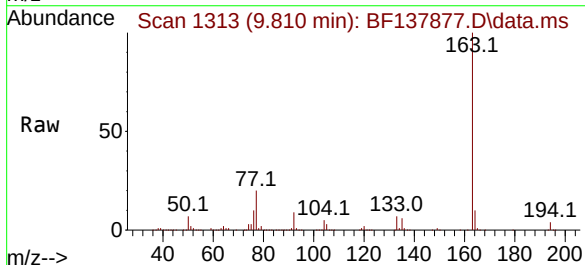
Tgt Ion:163 Resp: 1083803

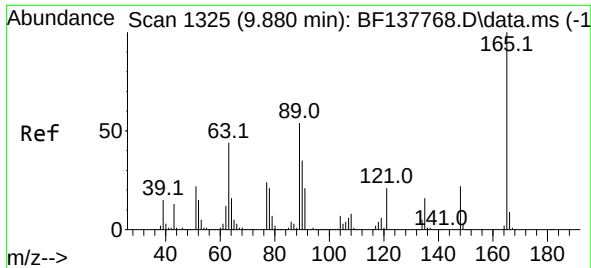
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.3 8.3 12.5

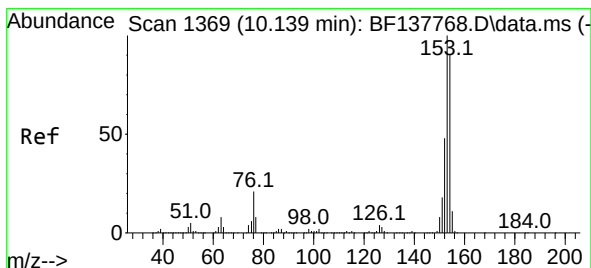
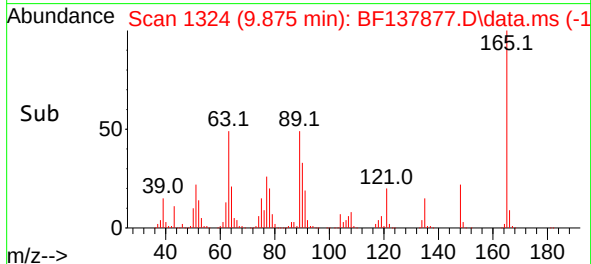
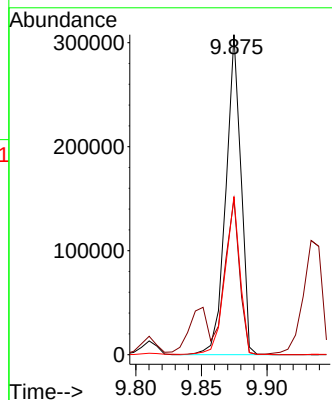
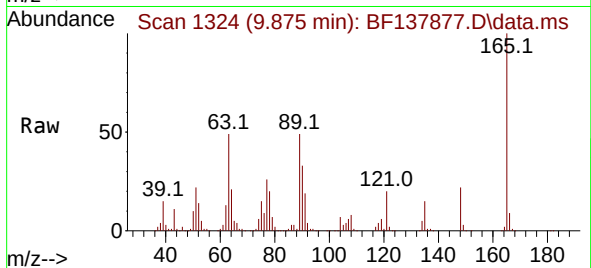




#51
2,6-Dinitrotoluene
Concen: 44.358 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

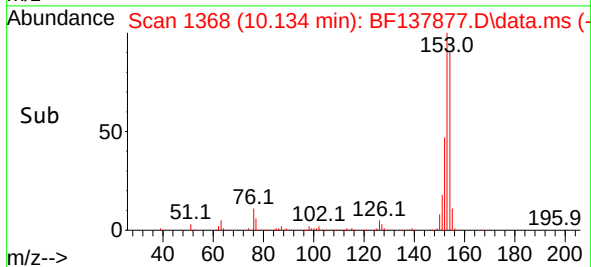
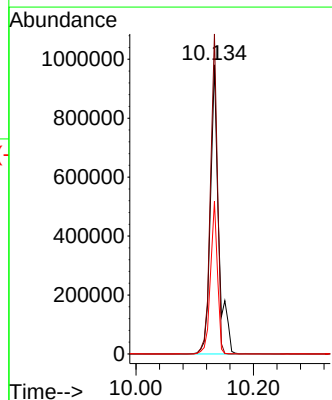
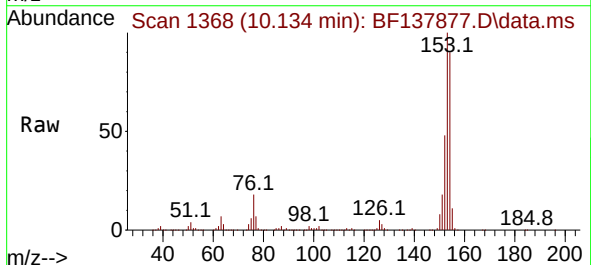
Instrument :
BNA_F
ClientSampleId :
PB160825BS

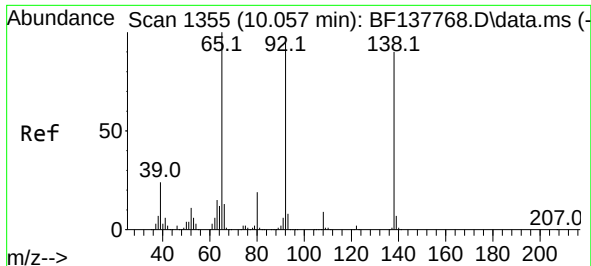
Tgt Ion:165 Resp: 245740
Ion Ratio Lower Upper
165 100
63 48.6 41.9 62.9
89 49.4 43.2 64.8



#52
Acenaphthene
Concen: 47.066 ng
RT: 10.134 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:154 Resp: 960160
Ion Ratio Lower Upper
154 100
153 110.6 88.7 133.1
152 52.8 42.8 64.2

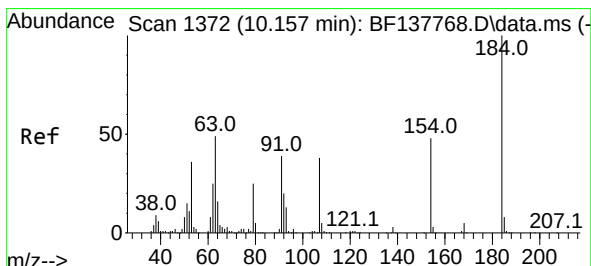
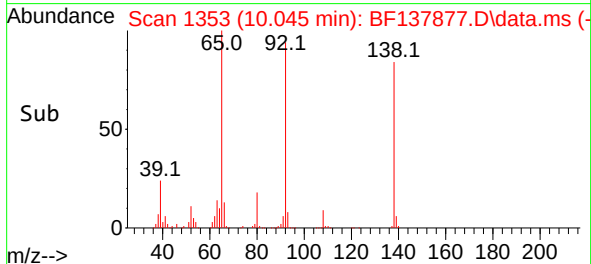
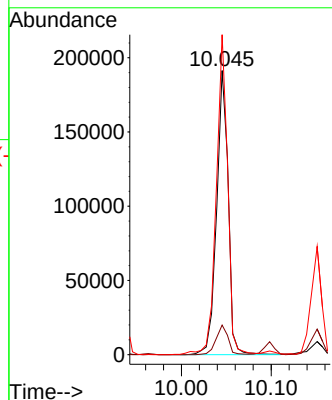
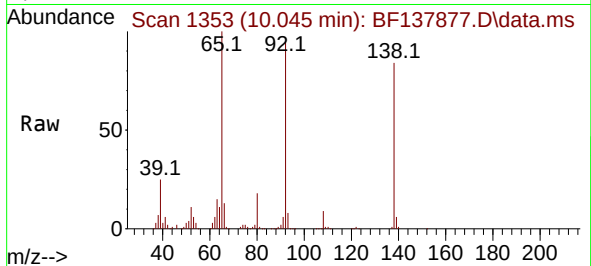




#53
3-Nitroaniline
Concen: 29.484 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

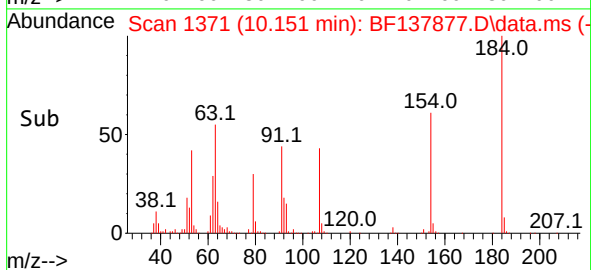
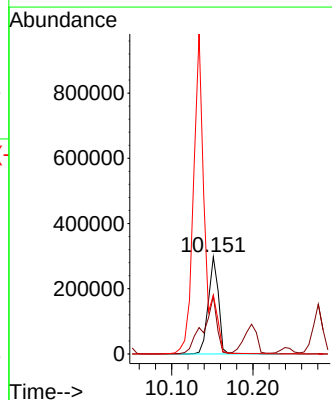
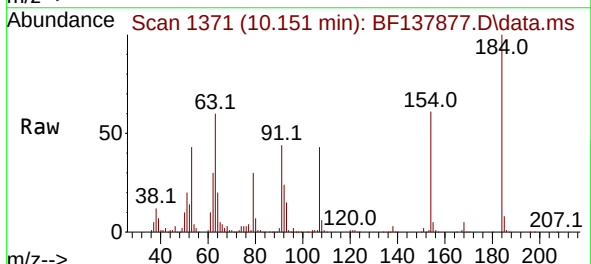
Instrument :
BNA_F
ClientSampleId :
PB160825BS

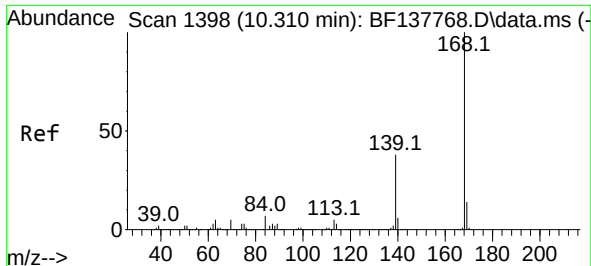
Tgt Ion:138 Resp: 171049
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 112.6 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 95.441 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:184 Resp: 259796
Ion Ratio Lower Upper
184 100
63 59.8 40.3 60.5
154 60.7 45.2 67.8

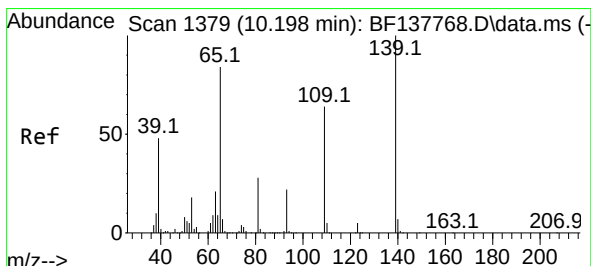
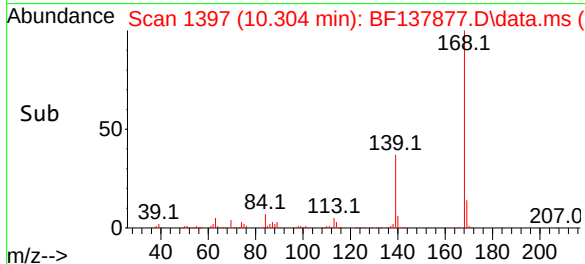
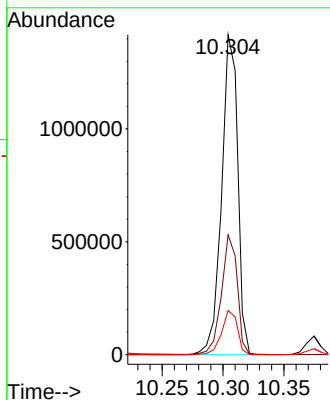
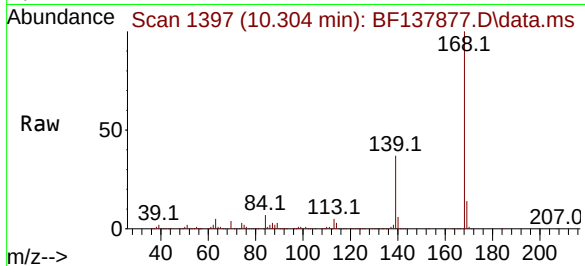




#55
Dibenzenofuran
Concen: 44.082 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

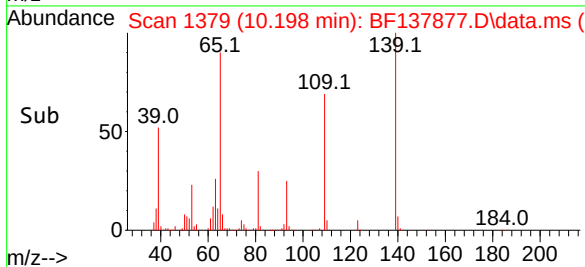
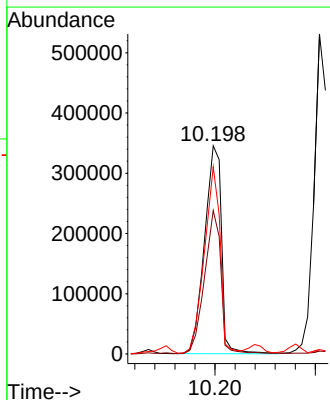
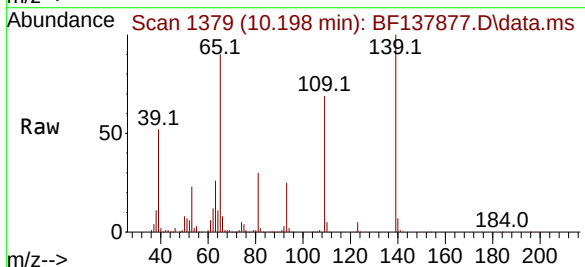
Instrument :
BNA_F
ClientSampleId :
PB160825BS

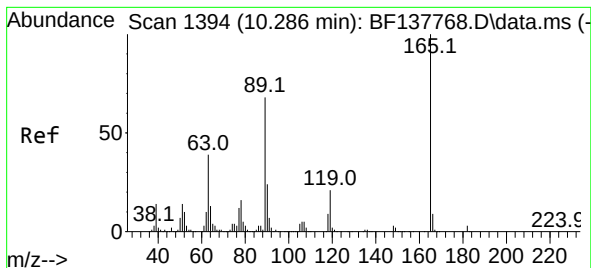
Tgt Ion:168 Resp: 1308675
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.4
169 13.8 11.4 17.0



#56
4-Nitrophenol
Concen: 84.669 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:139 Resp: 407107
Ion Ratio Lower Upper
139 100
109 68.9 44.0 84.0
65 89.9 64.3 104.3

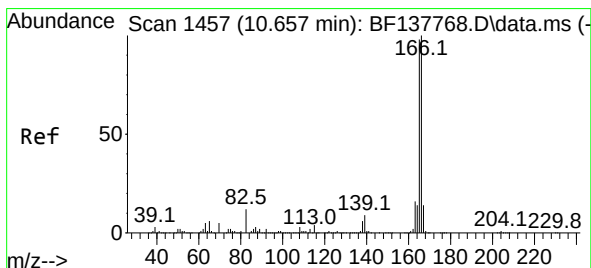
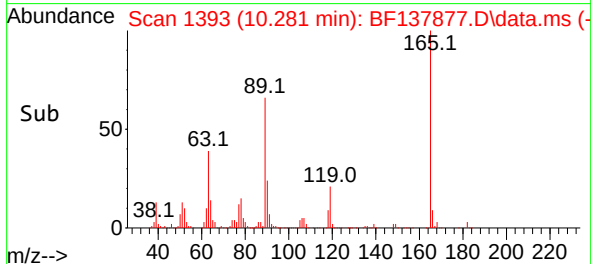
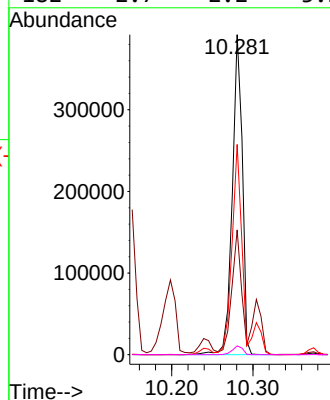
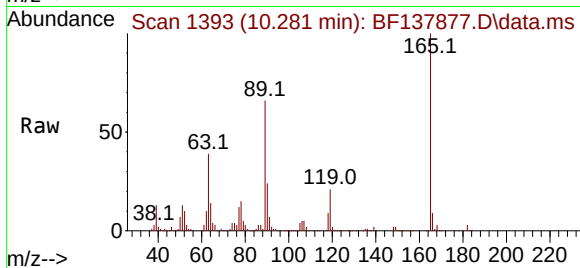




#57
2,4-Dinitrotoluene
Concen: 46.407 ng
RT: 10.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

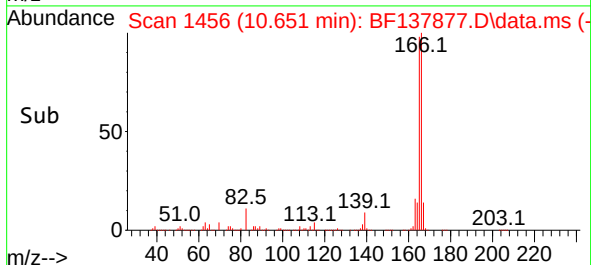
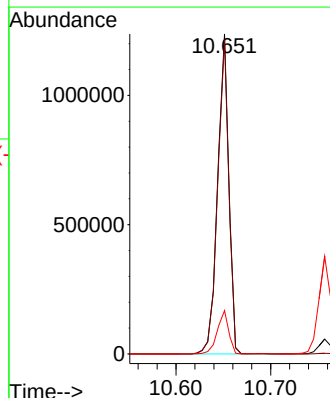
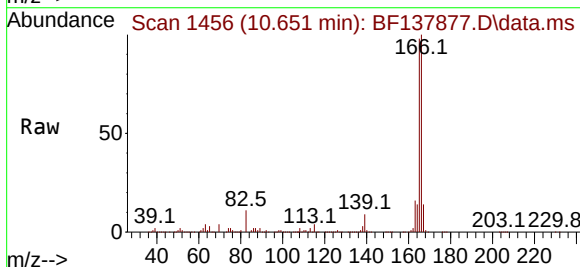
Instrument :
BNA_F
ClientSampleId :
PB160825BS

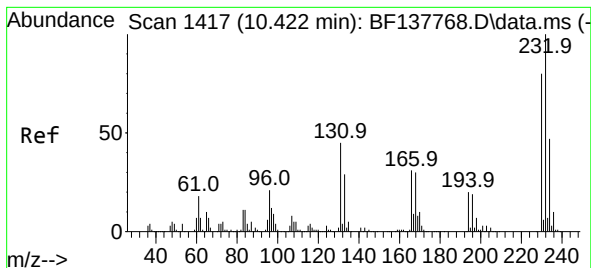
Tgt Ion:165 Resp: 335867
Ion Ratio Lower Upper
165 100
63 39.0 31.3 46.9
89 65.7 54.2 81.4
182 2.7 2.2 3.2



#58
Fluorene
Concen: 43.090 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:166 Resp: 1018074
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 13.6 10.9 16.3

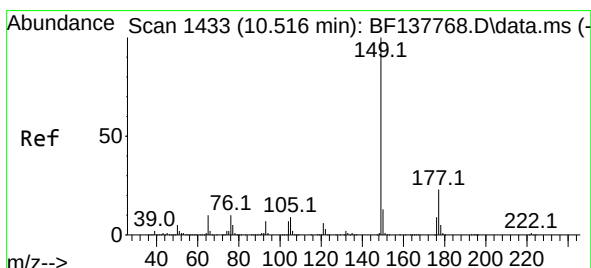
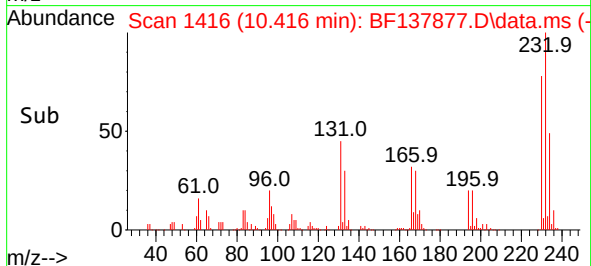
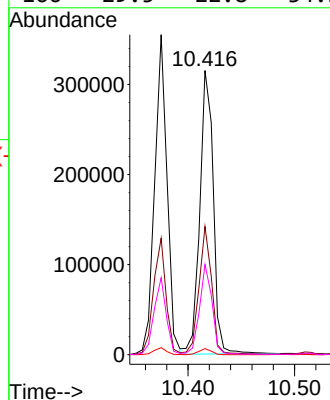
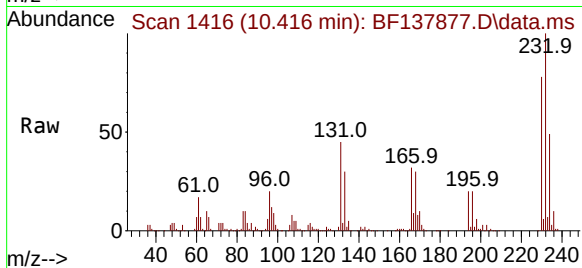




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.839 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

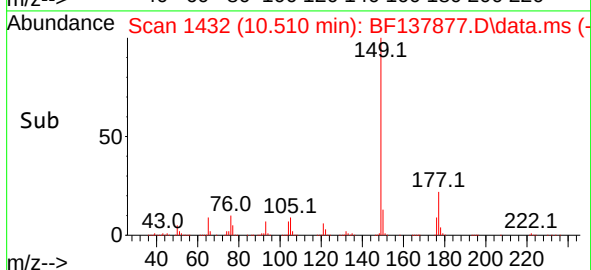
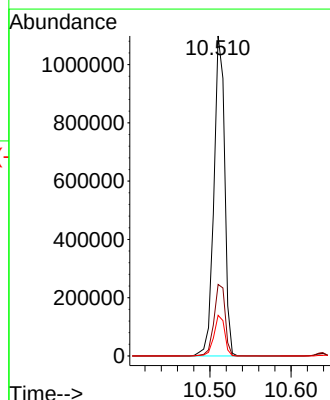
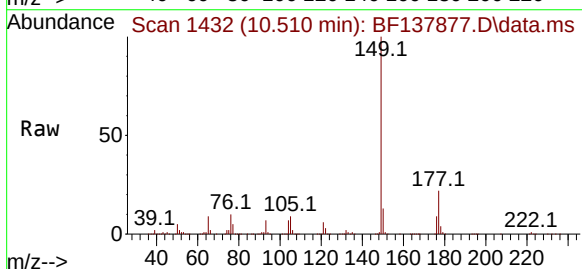
Instrument :
BNA_F
ClientSampleId :
PB160825BS

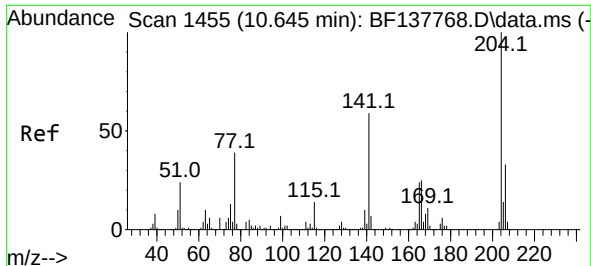
Tgt Ion:232 Resp: 278277
Ion Ratio Lower Upper
232 100
131 42.4 33.4 50.0
130 2.0 1.7 2.5
166 29.5 22.8 34.2



#60
Diethylphthalate
Concen: 43.839 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:149 Resp: 1009297
Ion Ratio Lower Upper
149 100
177 22.3 18.4 27.6
150 12.7 10.5 15.7

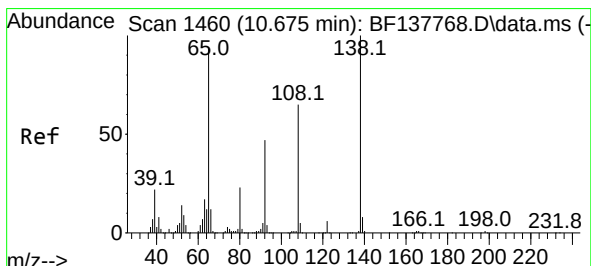
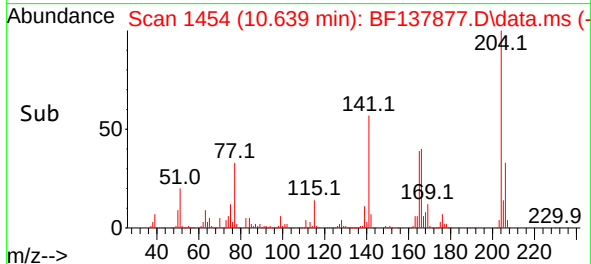
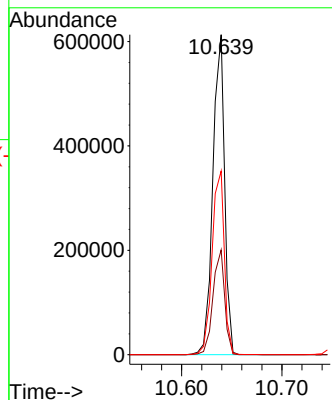
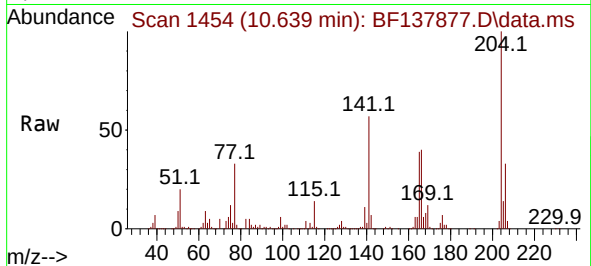




#61
4-Chlorophenyl-phenylether
Concen: 42.939 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

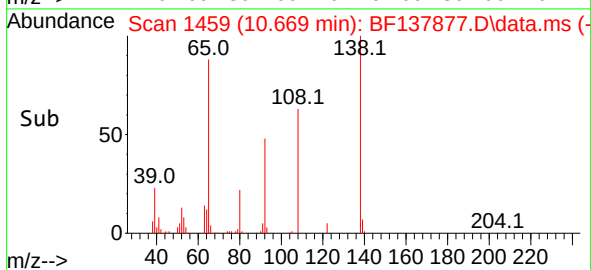
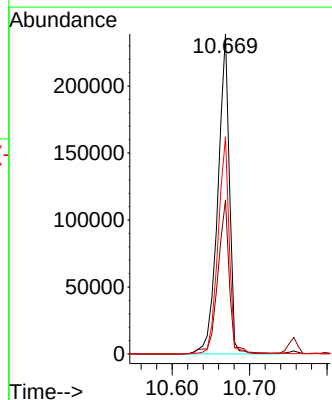
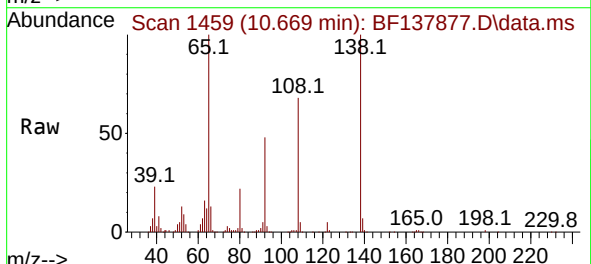
Instrument :
BNA_F
ClientSampleId :
PB160825BS

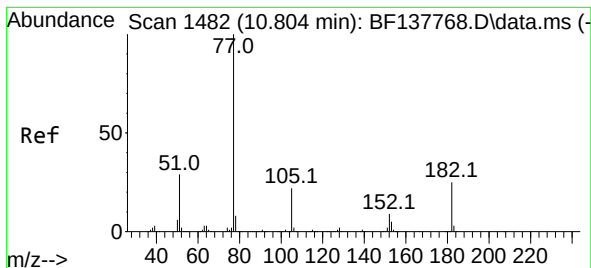
Tgt Ion:204 Resp: 499883
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 57.4 47.0 70.6



#62
4-Nitroaniline
Concen: 42.257 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:138 Resp: 248659
Ion Ratio Lower Upper
138 100
92 48.2 26.8 66.8
108 67.9 44.7 84.7





#63

Azobenzene

Concen: 42.603 ng

RT: 10.798 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

Tgt Ion: 77 Resp: 947998

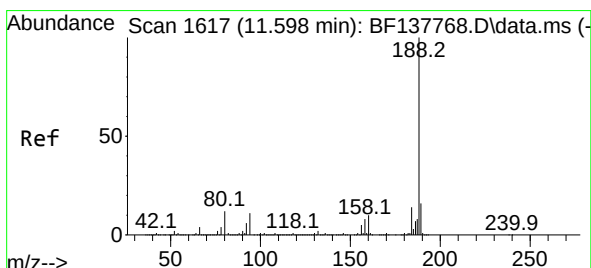
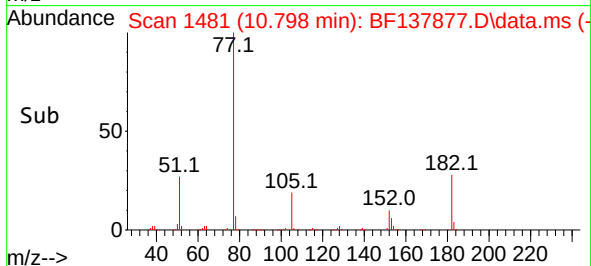
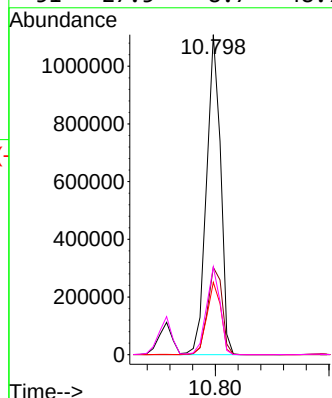
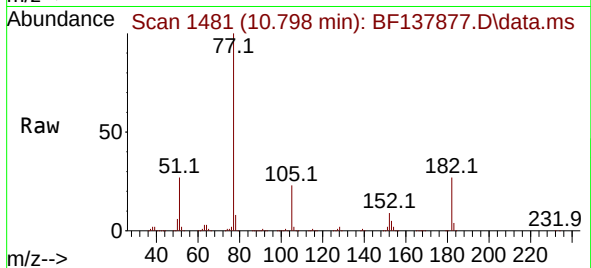
Ion Ratio Lower Upper

77 100

182 27.3 5.1 45.1

105 22.6 2.2 42.2

51 27.5 8.7 48.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

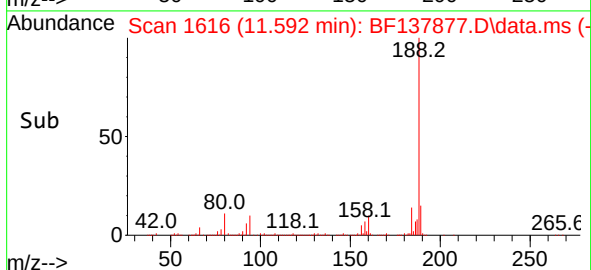
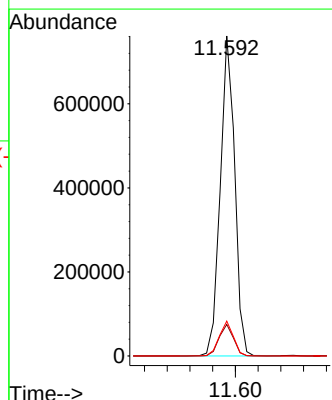
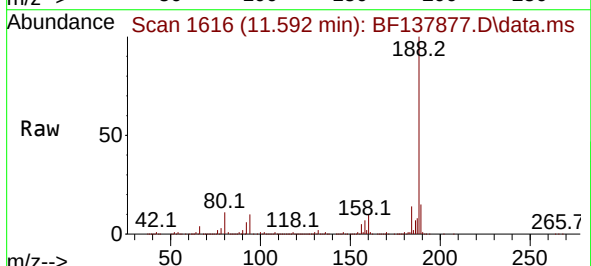
Tgt Ion: 188 Resp: 673281

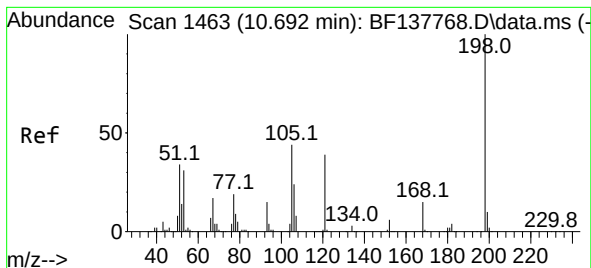
Ion Ratio Lower Upper

188 100

94 9.9 8.8 13.2

80 10.9 9.6 14.4

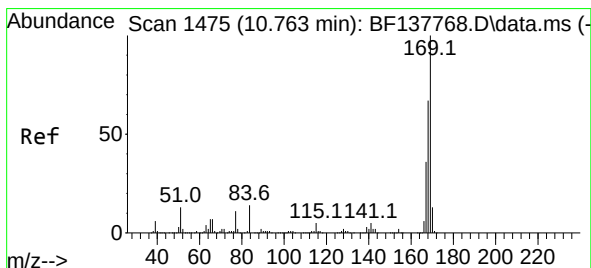
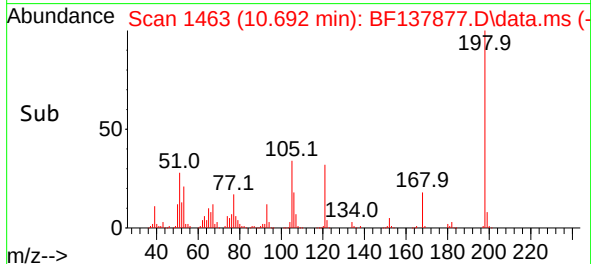
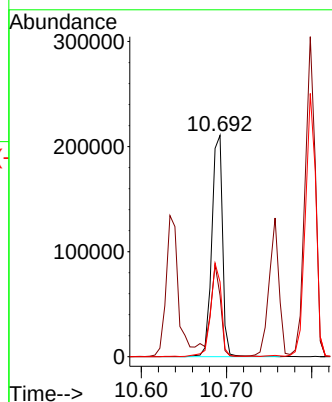
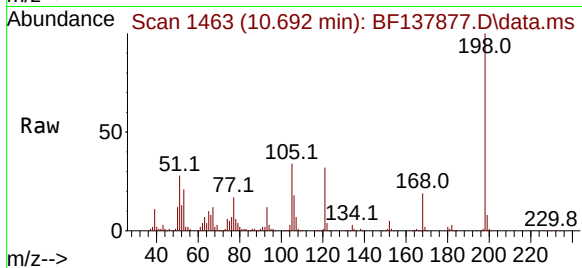




#65
4,6-Dinitro-2-methylphenol
Concen: 47.736 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

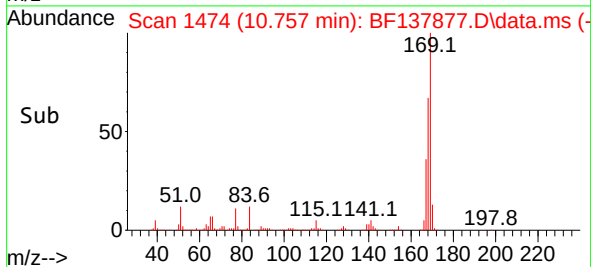
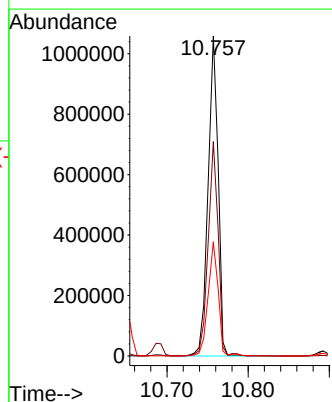
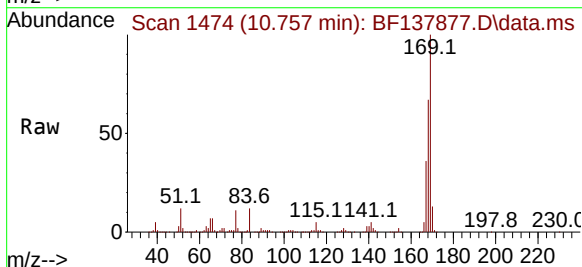
Instrument :
BNA_F
ClientSampleId :
PB160825BS

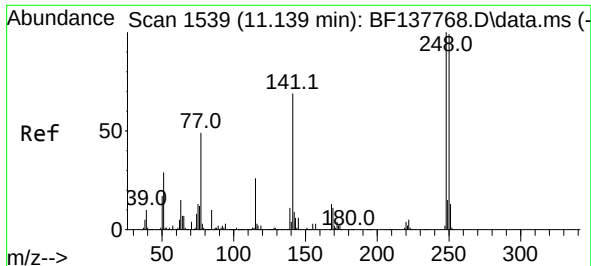
Tgt Ion:198 Resp: 184470
Ion Ratio Lower Upper
198 100
51 27.7 25.1 65.1
105 33.8 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 44.979 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:169 Resp: 906502
Ion Ratio Lower Upper
169 100
168 67.0 53.3 79.9
167 35.7 29.2 43.8

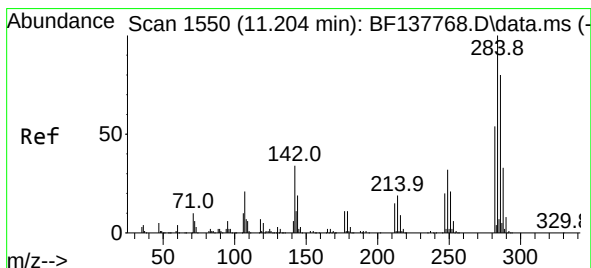
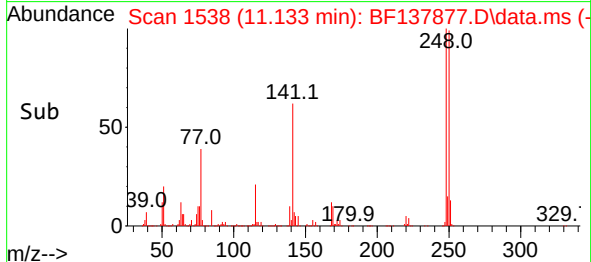
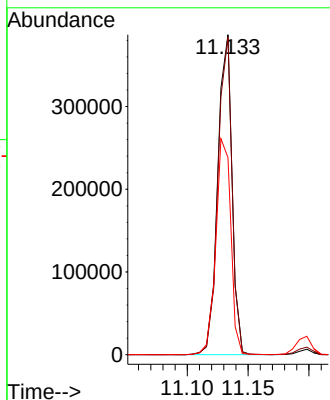
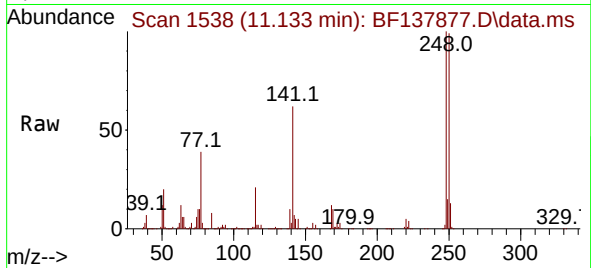




#67
4-Bromophenyl-phenylether
Concen: 43.914 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

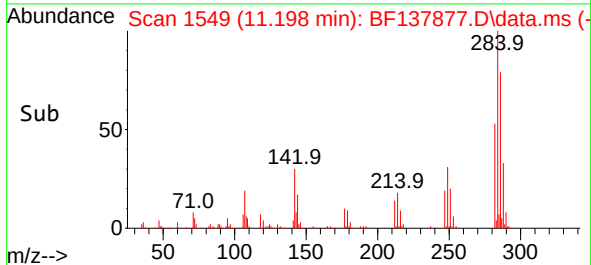
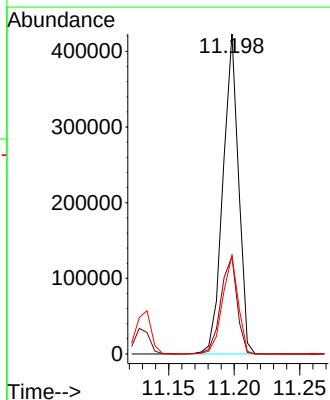
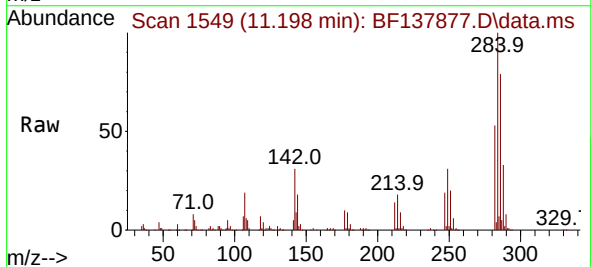
Instrument :
BNA_F
ClientSampleId :
PB160825BS

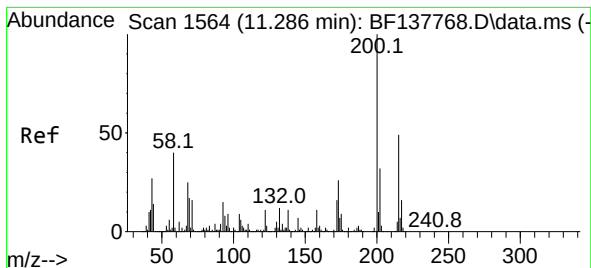
Tgt Ion:248 Resp: 316423
Ion Ratio Lower Upper
248 100
250 99.2 79.1 118.7
141 61.6 55.4 83.2



#68
Hexachlorobenzene
Concen: 44.196 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:284 Resp: 348013
Ion Ratio Lower Upper
284 100
142 30.5 27.3 40.9
249 30.7 25.6 38.4





#69

Atrazine

Concen: 49.677 ng

RT: 11.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

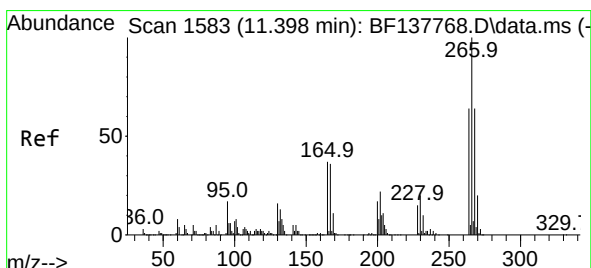
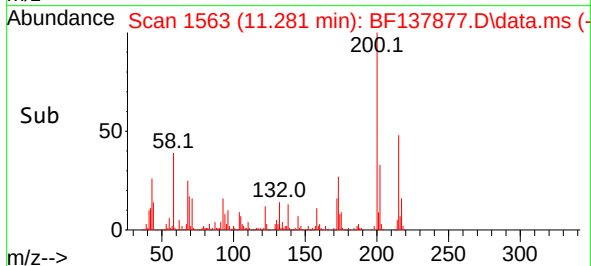
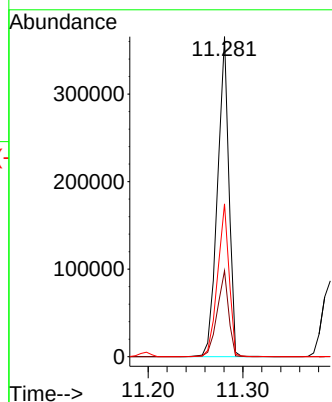
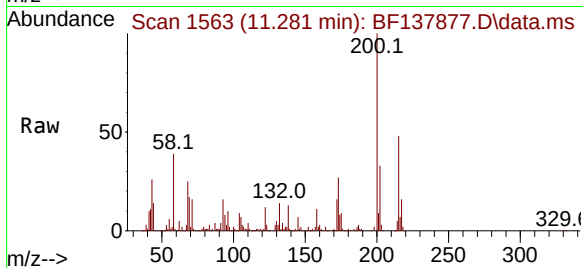
Tgt Ion:200 Resp: 305270

Ion Ratio Lower Upper

200 100

173 26.8 5.9 45.9

215 47.8 28.8 68.8



#70

Pentachlorophenol

Concen: 81.555 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

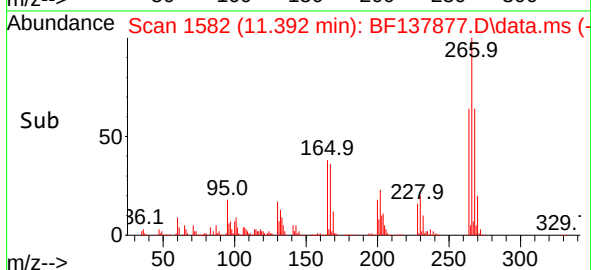
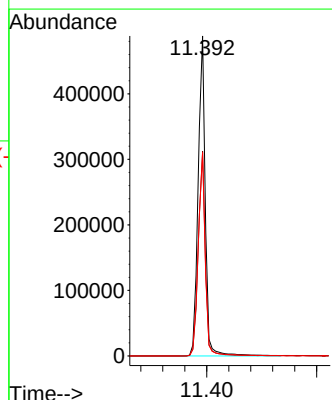
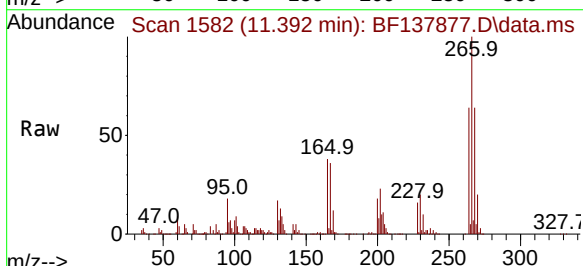
Tgt Ion:266 Resp: 440892

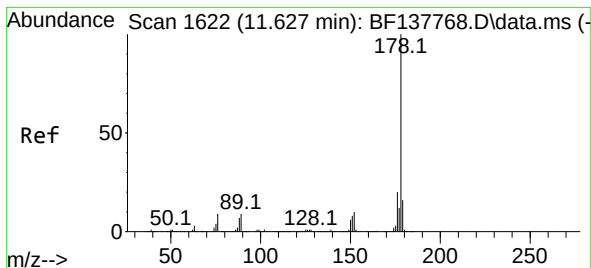
Ion Ratio Lower Upper

266 100

268 63.9 51.3 76.9

264 63.6 51.0 76.4





#71

Phenanthrene

Concen: 44.125 ng

RT: 11.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

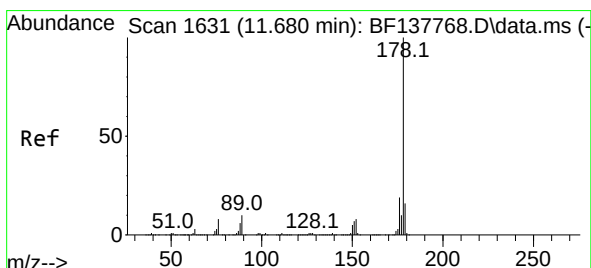
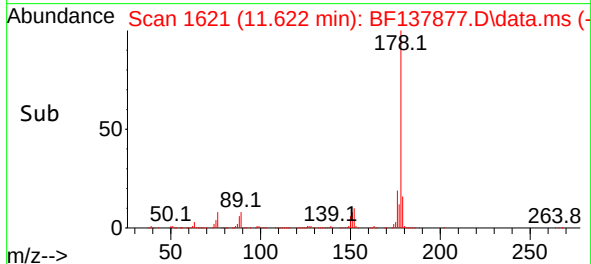
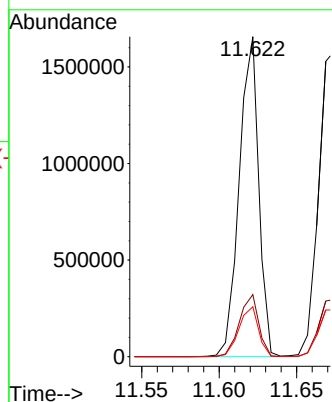
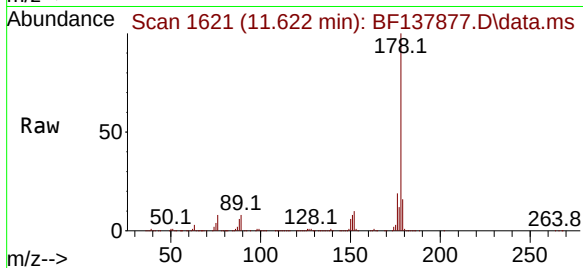
Tgt Ion:178 Resp: 1448054

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

179 15.6 12.5 18.7



#72

Anthracene

Concen: 45.869 ng

RT: 11.675 min Scan# 1630

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

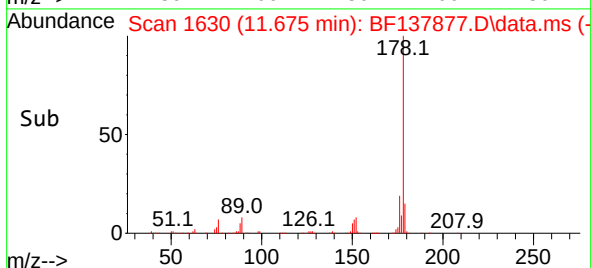
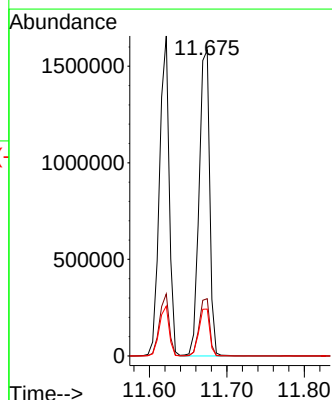
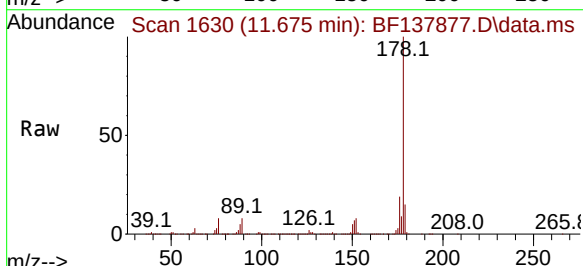
Tgt Ion:178 Resp: 1497717

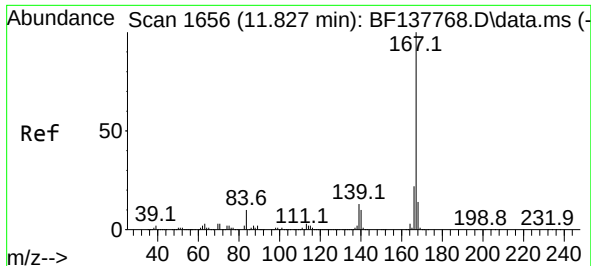
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

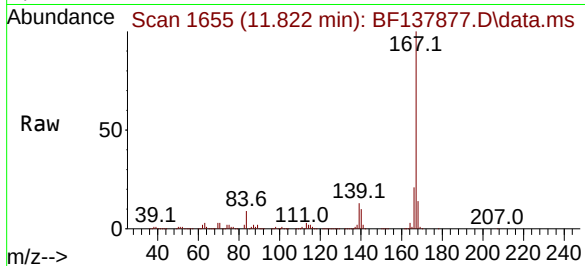
179 15.3 12.6 18.8





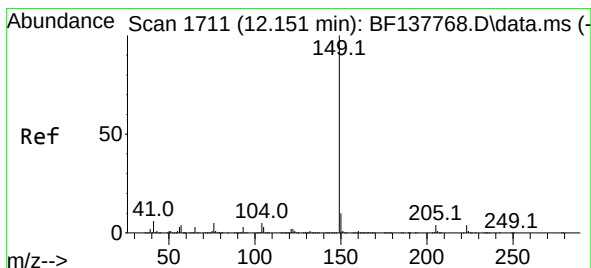
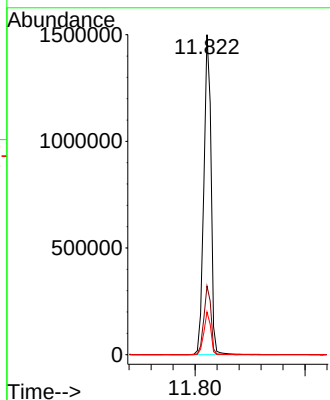
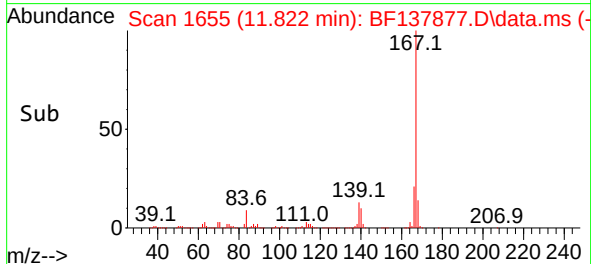
#73
 Carbazole
 Concen: 43.320 ng
 RT: 11.822 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137877.D
 Acq: 10 May 2024 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB160825BS

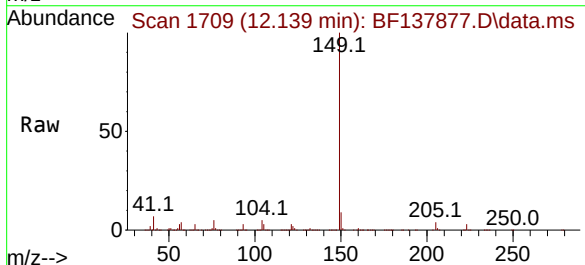


Tgt Ion:167 Resp: 1363234

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	13.3	10.5	15.7

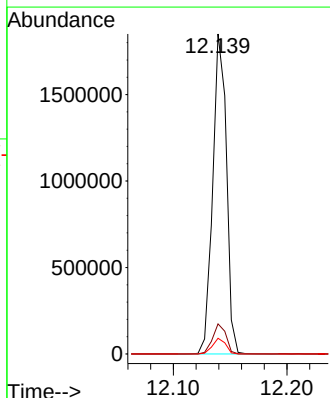
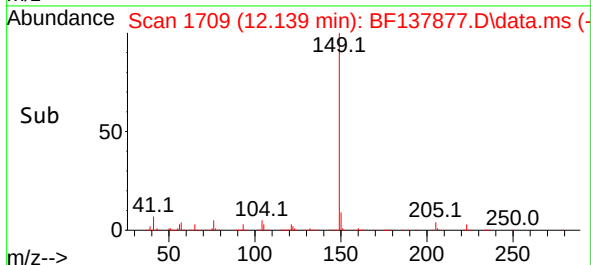


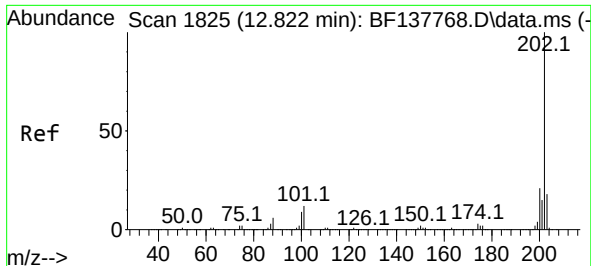
#74
 Di-n-butylphthalate
 Concen: 45.165 ng
 RT: 12.139 min Scan# 1709
 Delta R.T. -0.012 min
 Lab File: BF137877.D
 Acq: 10 May 2024 13:03



Tgt Ion:149 Resp: 1550400

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.9	3.8	5.8

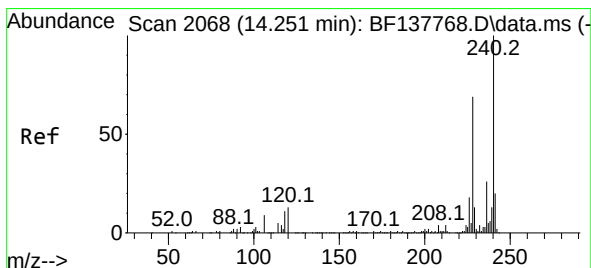
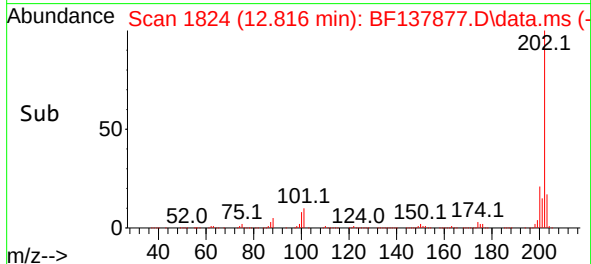
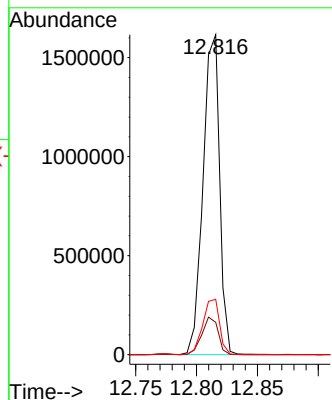
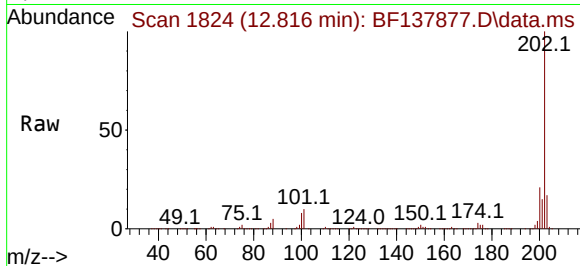




#75
Fluoranthene
Concen: 42.603 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

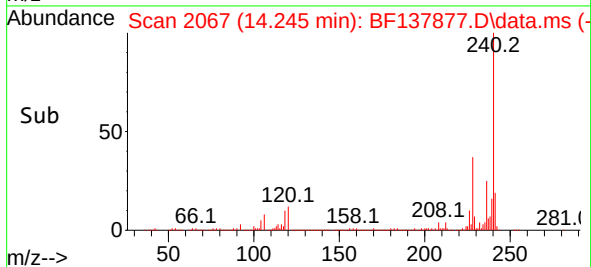
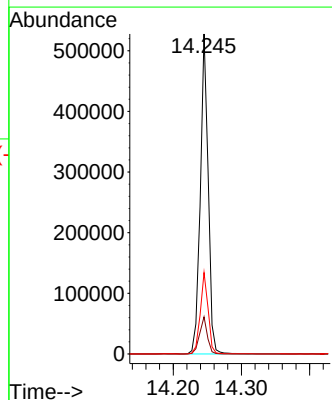
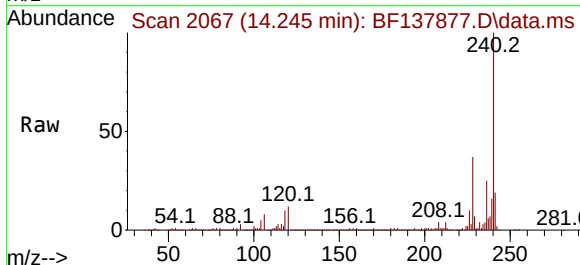
Instrument :
BNA_F
ClientSampleId :
PB160825BS

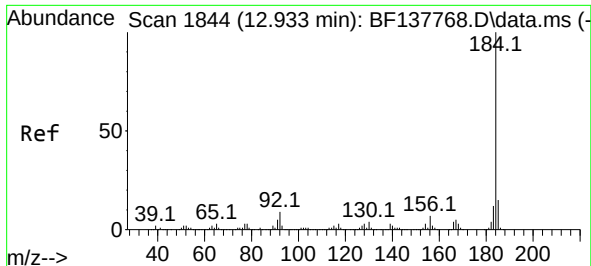
Tgt Ion:202 Resp: 1528265
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:240 Resp: 421900
Ion Ratio Lower Upper
240 100
120 11.6 10.4 15.6
236 25.5 20.4 30.6

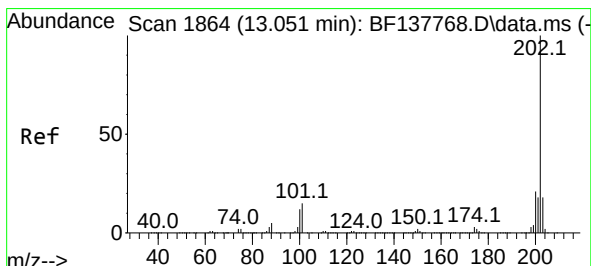
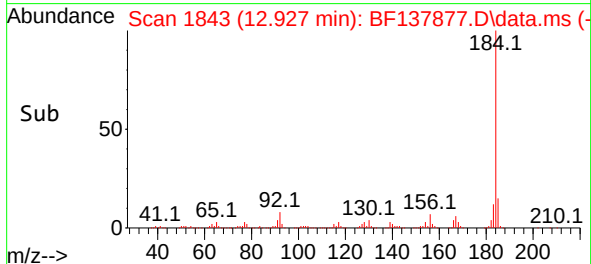
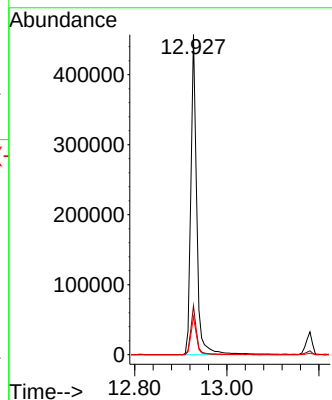
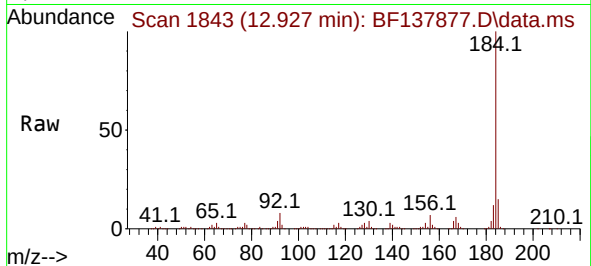




#77
Benzidine
Concen: 41.375 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

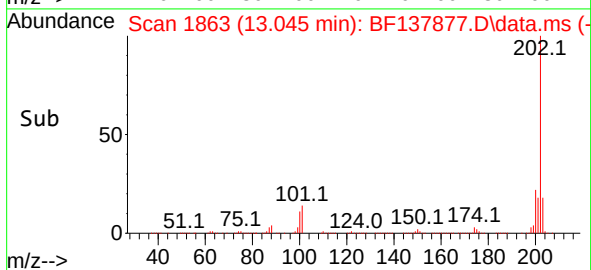
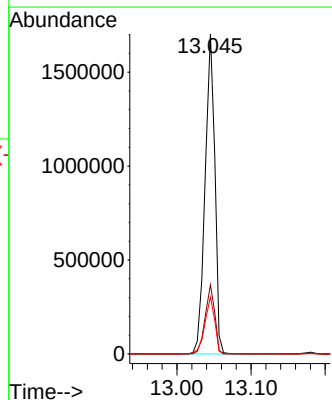
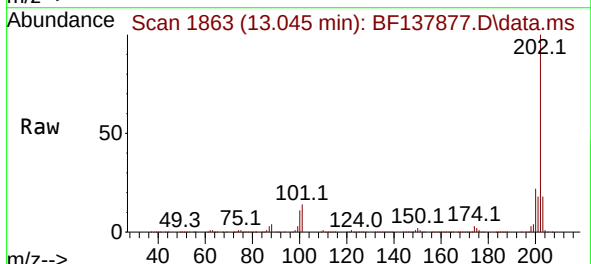
Instrument :
BNA_F
ClientSampleId :
PB160825BS

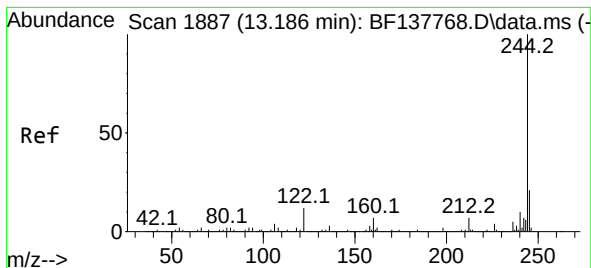
Tgt Ion:184 Resp: 403721
Ion Ratio Lower Upper
184 100
185 15.3 12.3 18.5
183 11.9 9.2 13.8



#78
Pyrene
Concen: 46.841 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:202 Resp: 1566891
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 95.935 ng

RT: 13.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

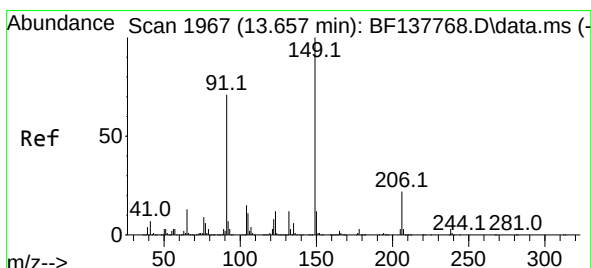
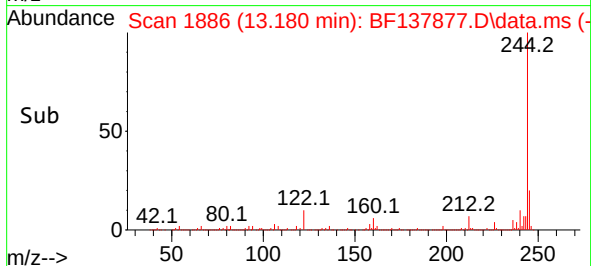
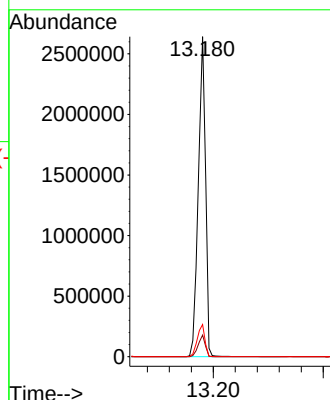
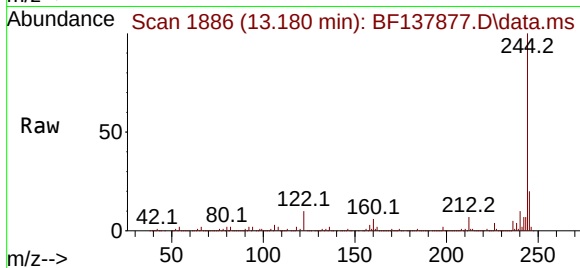
Tgt Ion:244 Resp: 2415175

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 10.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 53.150 ng

RT: 13.651 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

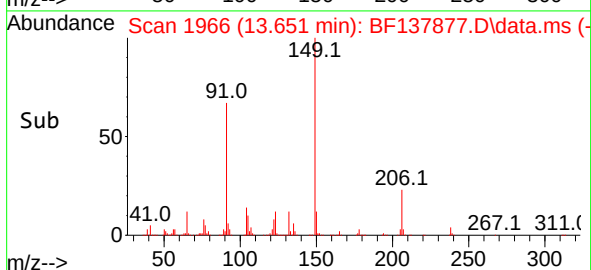
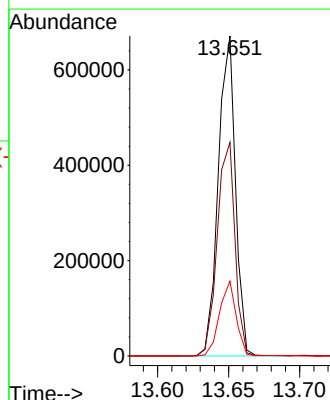
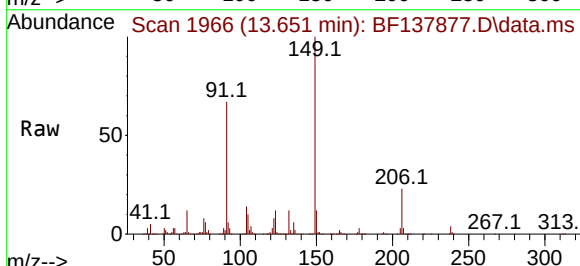
Tgt Ion:149 Resp: 564117

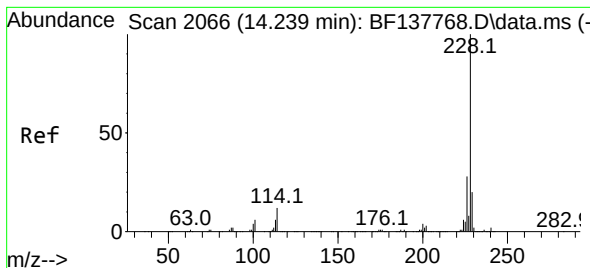
Ion Ratio Lower Upper

149 100

91 66.8 56.8 85.2

206 23.4 17.8 26.8

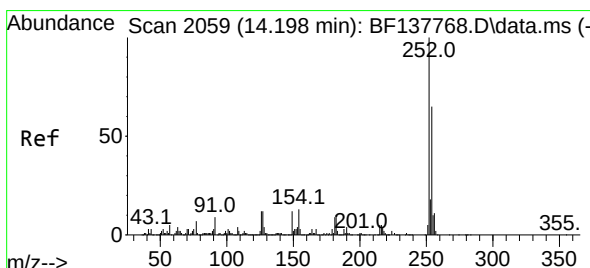
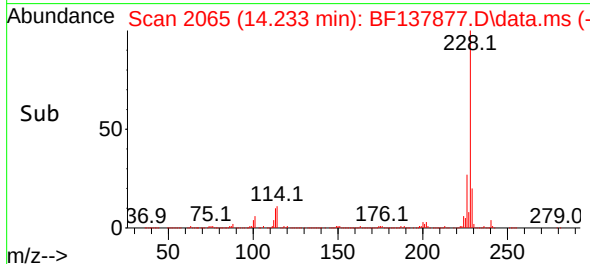
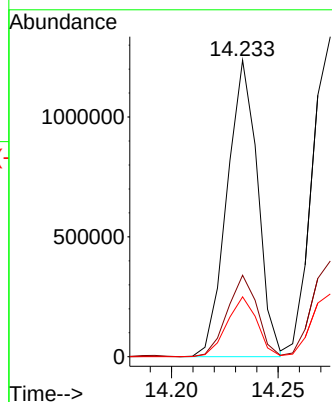
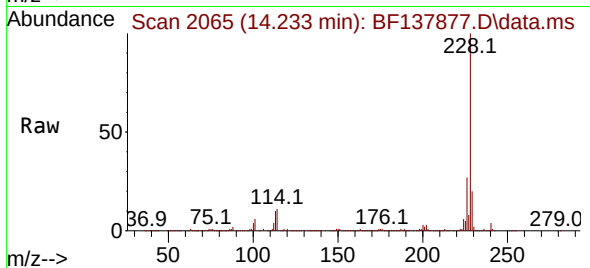




#81
Benzo(a)anthracene
Concen: 45.628 ng
RT: 14.233 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

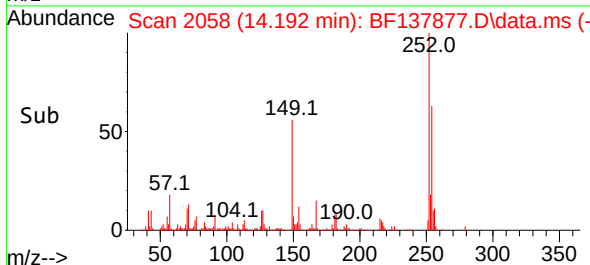
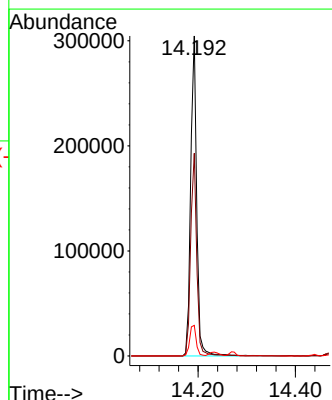
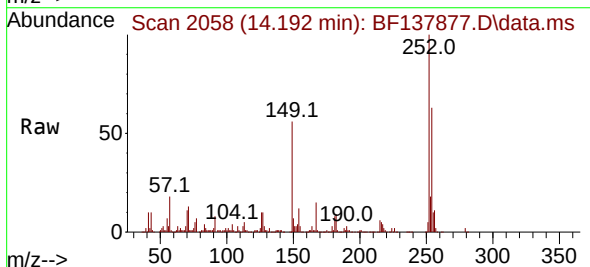
Instrument :
BNA_F
ClientSampleId :
PB160825BS

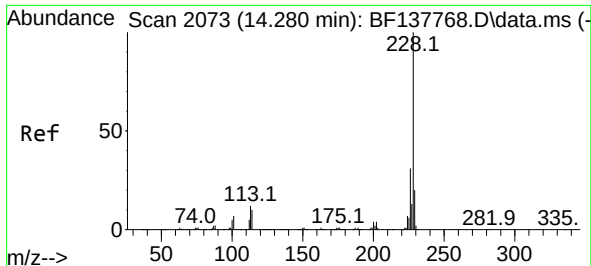
Tgt Ion:228 Resp: 1231248
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 20.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 32.225 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:252 Resp: 260322
Ion Ratio Lower Upper
252 100
254 63.3 51.7 77.5
126 9.5 9.7 14.5#

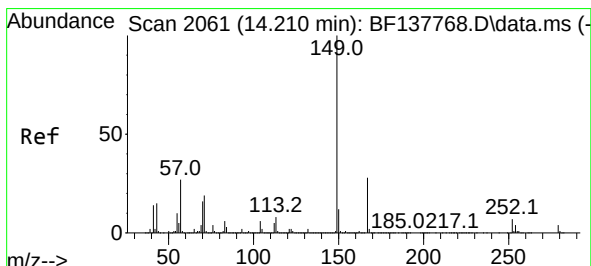
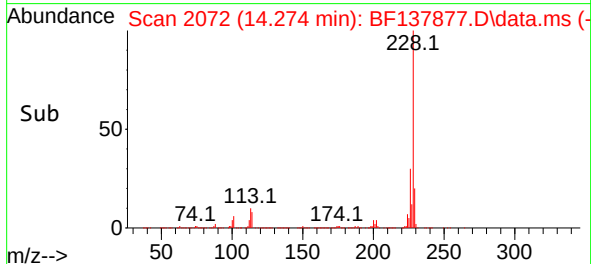
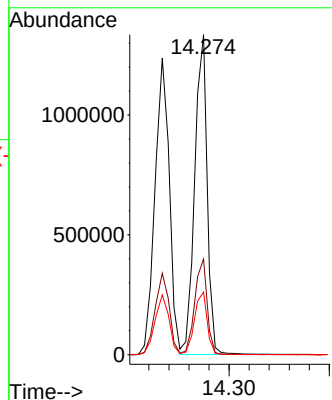
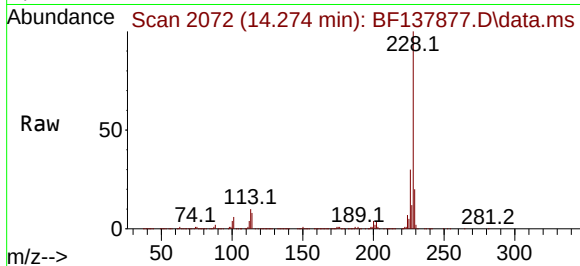




#83
Chrysene
Concen: 45.480 ng
RT: 14.274 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

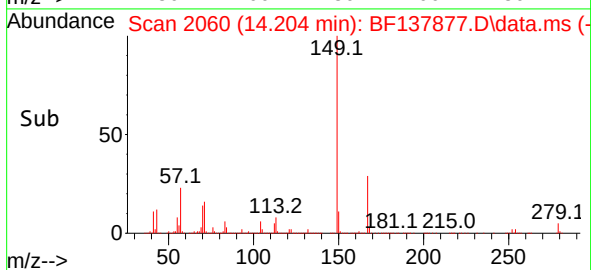
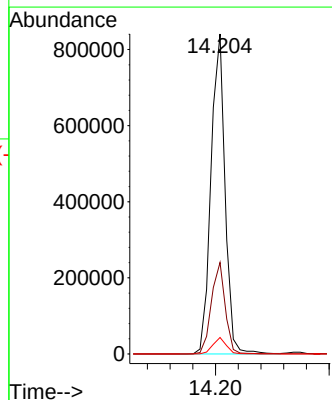
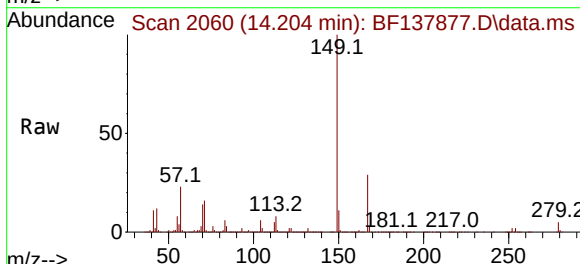
Instrument :
BNA_F
ClientSampleId :
PB160825BS

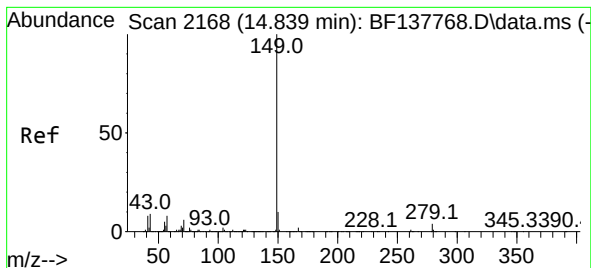
Tgt Ion:228 Resp: 1149105
Ion Ratio Lower Upper
228 100
226 29.9 24.8 37.2
229 19.6 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.919 ng
RT: 14.204 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:149 Resp: 721224
Ion Ratio Lower Upper
149 100
167 28.6 22.4 33.6
279 5.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 54.412 ng

RT: 14.833 min Scan# 2168

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

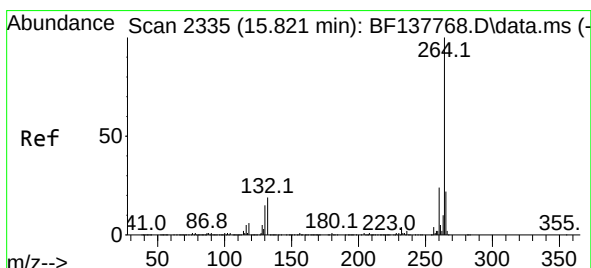
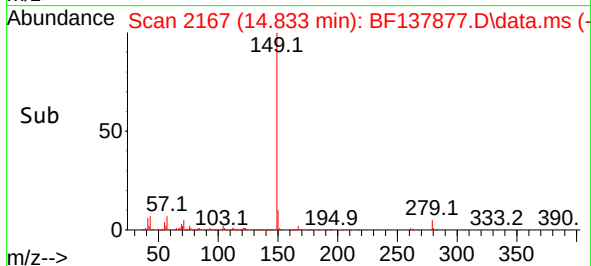
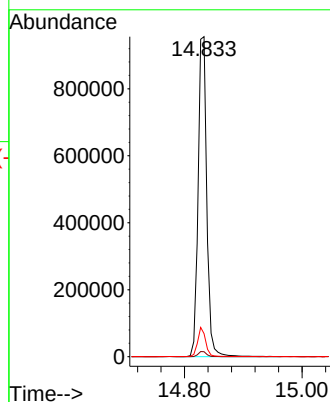
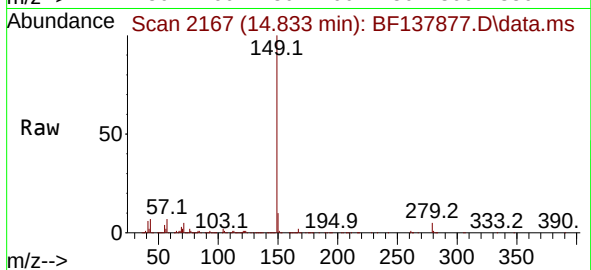
Tgt Ion:149 Resp: 979504

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.810 min Scan# 2333

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

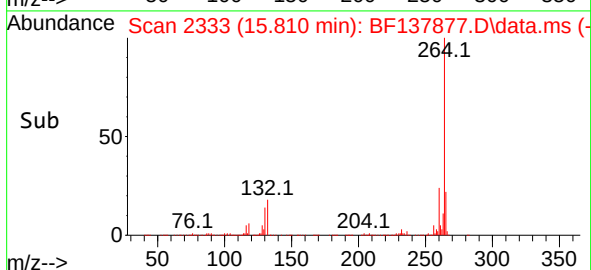
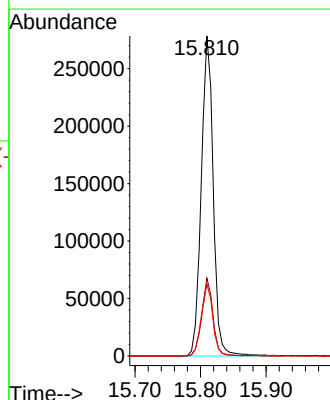
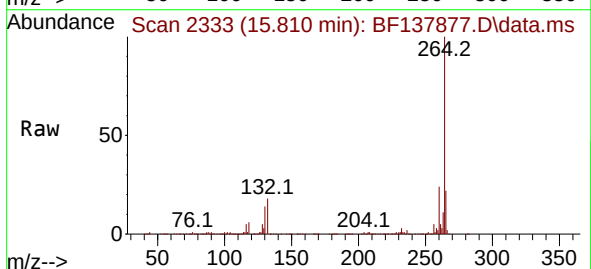
Tgt Ion:264 Resp: 354271

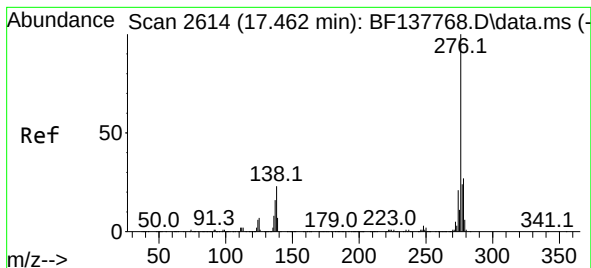
Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 22.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.196 ng

RT: 17.451 min Scan# 2

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

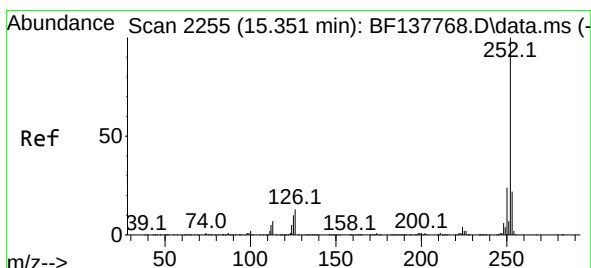
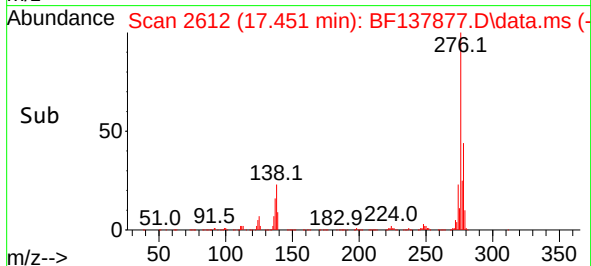
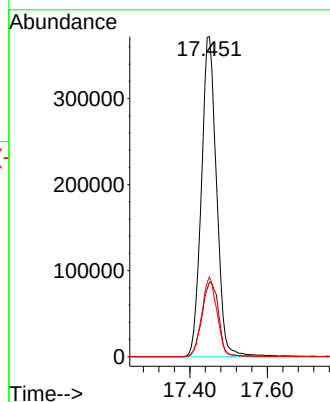
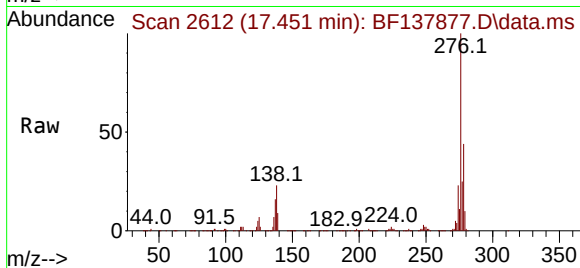
Tgt Ion:276 Resp: 1011018

Ion Ratio Lower Upper

276 100

138 25.5 21.4 32.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.693 ng

RT: 15.339 min Scan# 2253

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

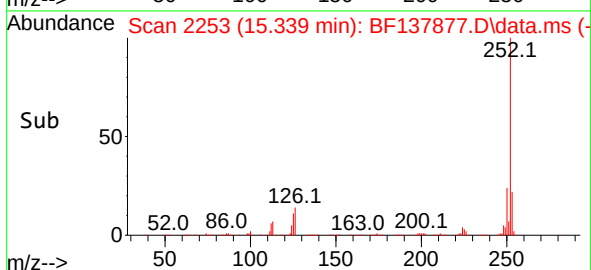
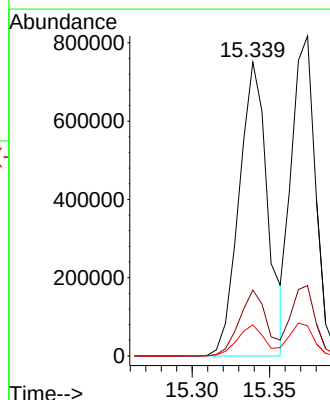
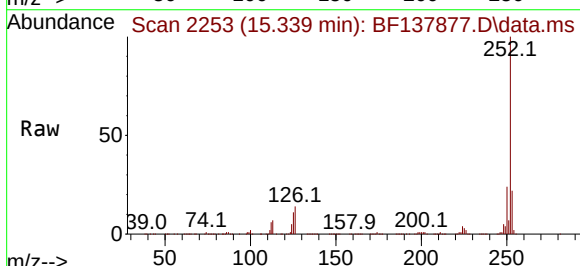
Tgt Ion:252 Resp: 963078

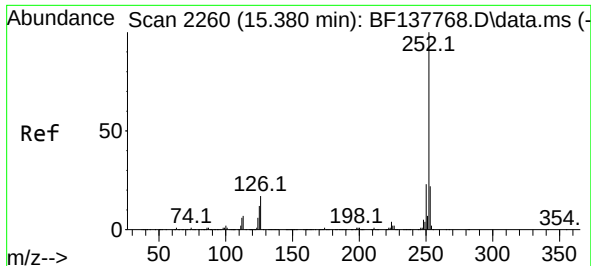
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 10.6 7.9 11.9

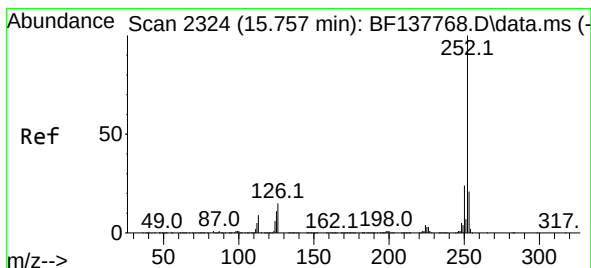
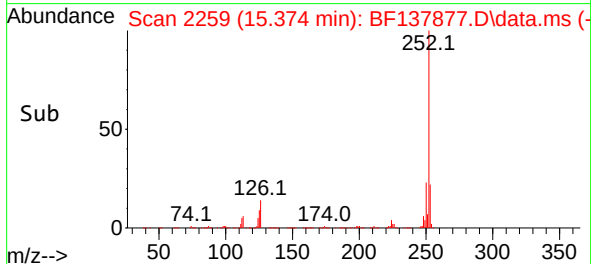
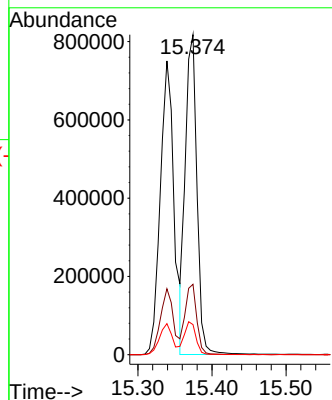
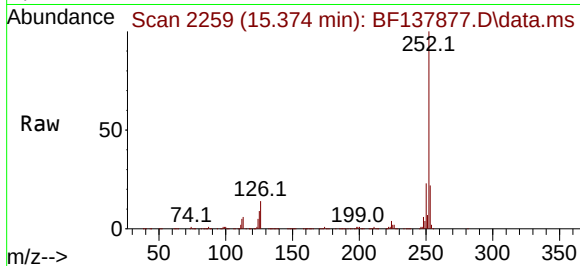




#89
Benzo(k)fluoranthene
Concen: 41.975 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

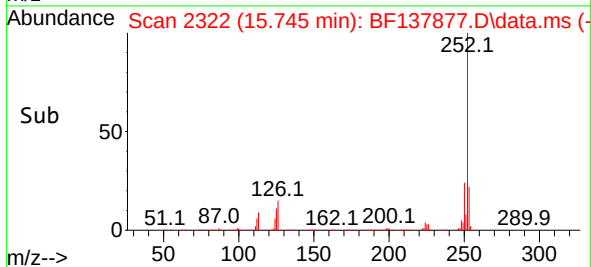
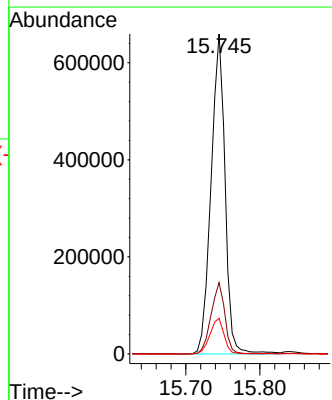
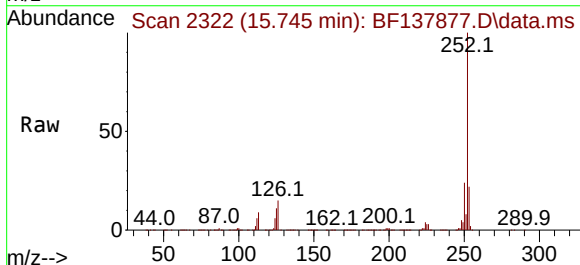
Instrument :
BNA_F
ClientSampleId :
PB160825BS

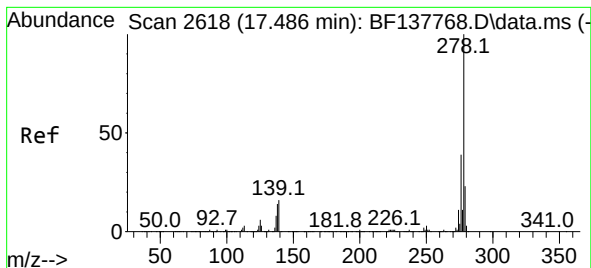
Tgt Ion:252 Resp: 894237
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.4 9.0 13.4



#90
Benzo(a)pyrene
Concen: 47.980 ng
RT: 15.745 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:252 Resp: 862794
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 11.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 50.177 ng

RT: 17.468 min Scan# 2618

Delta R.T. -0.018 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

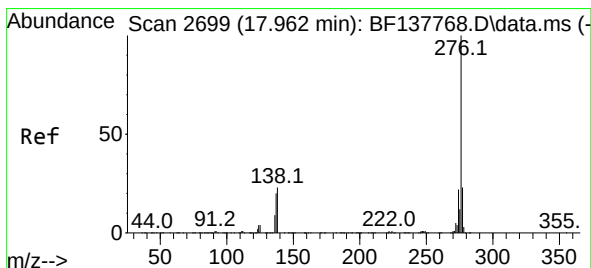
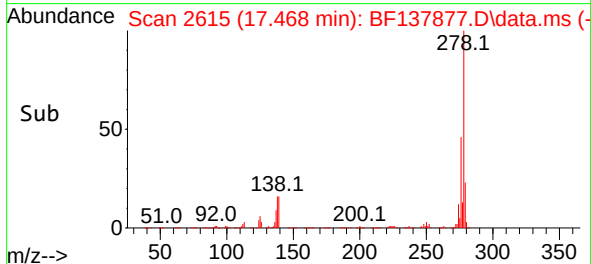
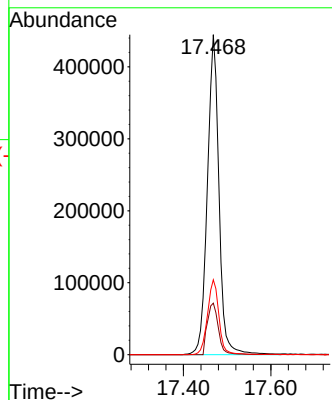
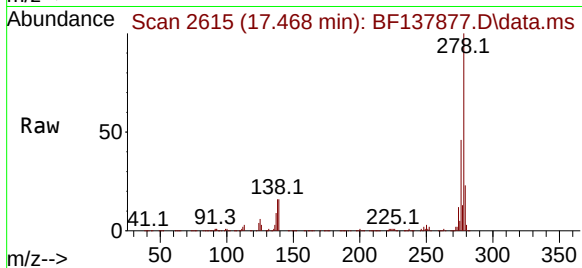
Tgt Ion:278 Resp: 822627

Ion Ratio Lower Upper

278 100

139 16.1 13.0 19.6

279 23.4 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 45.472 ng

RT: 17.951 min Scan# 2697

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Tgt Ion:276 Resp: 781501

Ion Ratio Lower Upper

276 100

277 23.1 18.0 27.0

138 21.3 18.1 27.1

