

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137978.D
 Acq On : 21 May 2024 15:08
 Operator : CG\JU
 Sample : P2500-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-112-SB02MS

Quant Time: May 21 15:33:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	151401	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	600989	20.000	ng	-0.01
39) Acenaphthene-d10	10.086	164	349319	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	624801	20.000	ng	0.00
76) Chrysene-d12	14.227	240	346473	20.000	ng	0.00
86) Perylene-d12	15.792	264	341300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	847748	95.113	ng	0.00
7) Phenol-d6	6.651	99	1052736	95.882	ng	0.00
23) Nitrobenzene-d5	7.598	82	640065	62.677	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	385764	109.524	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1412218	62.274	ng	0.00
79) Terphenyl-d14	13.163	244	1609738	68.474	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.963	88	130210	33.723	ng	99
3) Pyridine	3.734	79	309657	35.742	ng	98
4) n-Nitrosodimethylamine	3.693	42	161835	42.343	ng	98
6) Aniline	6.698	93	427353	43.517	ng	98
8) 2-Chlorophenol	6.816	128	435992	45.201	ng	98
9) Benzaldehyde	6.587	77	91499	15.403	ng	96
10) Phenol	6.663	94	488161	44.049	ng	100
11) bis(2-Chloroethyl)ether	6.763	93	388687	45.679	ng	99
12) 1,3-Dichlorobenzene	6.975	146	461501	41.353	ng	98
13) 1,4-Dichlorobenzene	7.051	146	465469	41.552	ng	99
14) 1,2-Dichlorobenzene	7.204	146	446875	42.386	ng	99
15) Benzyl Alcohol	7.169	79	355950	48.550	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	481495	46.034	ng	98
17) 2-Methylphenol	7.275	107	338267	43.974	ng	100
18) Hexachloroethane	7.545	117	160163	42.252	ng	91
19) n-Nitroso-di-n-propyla...	7.439	70	283178	45.907	ng	99
20) 3+4-Methylphenols	7.428	107	442773	43.937	ng	95
22) Acetophenone	7.439	105	588489	43.711	ng	# 98
24) Nitrobenzene	7.616	77	422729	40.805	ng	97
25) Isophorone	7.851	82	800701	45.177	ng	99
26) 2-Nitrophenol	7.934	139	232525	44.669	ng	96
27) 2,4-Dimethylphenol	7.957	122	322061	48.055	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	480560	44.737	ng	99
29) 2,4-Dichlorophenol	8.169	162	380326	45.128	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	394392	41.913	ng	99
31) Naphthalene	8.339	128	1276000	42.227	ng	100
32) Benzoic acid	8.075	122	251851	44.455	ng	98
33) 4-Chloroaniline	8.381	127	269787	27.235	ng	99
34) Hexachlorobutadiene	8.451	225	244664	41.079	ng	99
35) Caprolactam	8.763	113	72947	29.876	ng	98
36) 4-Chloro-3-methylphenol	8.863	107	401309	46.810	ng	99
37) 2-Methylnaphthalene	9.034	142	854517	43.993	ng	100
38) 1-Methylnaphthalene	9.134	142	790966	41.421	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	411214	43.301	ng	99
41) Hexachlorocyclopentadiene	9.186	237	436632	121.001	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	290491	46.653	ng	99

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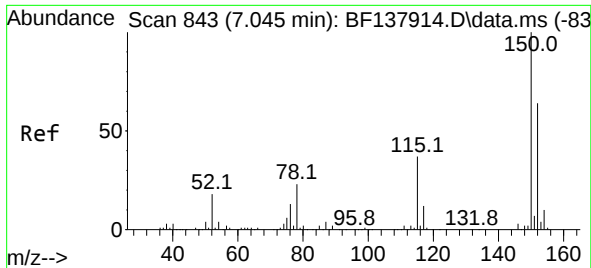
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	307283	45.102	ng	97
46) 1,1'-Biphenyl	9.498	154	1069095	43.635	ng	99
47) 2-Chloronaphthalene	9.528	162	832089	42.544	ng	99
48) 2-Nitroaniline	9.622	65	233161	46.555	ng	96
49) Acenaphthylene	9.945	152	1331138	47.334	ng	99
50) Dimethylphthalate	9.798	163	1035990	47.295	ng	100
51) 2,6-Dinitrotoluene	9.863	165	227873	45.325	ng	98
52) Acenaphthene	10.122	154	874874	47.069	ng	99
53) 3-Nitroaniline	10.033	138	193326	39.334	ng	99
54) 2,4-Dinitrophenol	10.139	184	209327	77.325	ng	# 83
55) Dibenzofuran	10.292	168	1215951	44.951	ng	100
56) 4-Nitrophenol	10.186	139	364133	103.152	ng	98
57) 2,4-Dinitrotoluene	10.269	165	320138	49.256	ng	94
58) Fluorene	10.633	166	959397	44.840	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	256925	48.003	ng	99
60) Diethylphthalate	10.498	149	1013236	49.528	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	483068	45.782	ng	99
62) 4-Nitroaniline	10.657	138	236681	50.772	ng	98
63) Azobenzene	10.786	77	889312	47.791	ng	98
65) 4,6-Dinitro-2-methylph...	10.675	198	158190	43.849	ng	91
66) n-Nitrosodiphenylamine	10.745	169	858397	44.800	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	310656	45.354	ng	99
68) Hexachlorobenzene	11.186	284	329687	43.543	ng	98
69) Atrazine	11.269	200	304930	58.280	ng	100
70) Pentachlorophenol	11.375	266	382371	86.215	ng	99
71) Phenanthrene	11.604	178	1365543	44.351	ng	99
72) Anthracene	11.657	178	1381642	45.227	ng	99
73) Carbazole	11.810	167	1245952	44.648	ng	100
74) Di-n-butylphthalate	12.127	149	1617502	52.228	ng	99
75) Fluoranthene	12.798	202	1355507	43.373	ng	98
77) Benzidine	12.916	184	344694	76.125	ng	99
78) Pyrene	13.027	202	1328440	43.837	ng	99
80) Butylbenzylphthalate	13.633	149	566176	61.941	ng	96
81) Benzo(a)anthracene	14.221	228	1037639	47.337	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	267476	44.031	ng	98
83) Chrysene	14.257	228	957549	45.676	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	792626	68.983	ng	99
85) Di-n-octyl phthalate	14.816	149	1123319	72.367	ng	99
87) Indeno(1,2,3-cd)pyrene	17.415	276	843973	38.489	ng	99
88) Benzo(b)fluoranthene	15.321	252	967113	48.939	ng	99
89) Benzo(k)fluoranthene	15.357	252	869616	44.794	ng	100
90) Benzo(a)pyrene	15.727	252	832502	49.335	ng	99
91) Dibenzo(a,h)anthracene	17.439	278	704143	38.867	ng	99
92) Benzo(g,h,i)perylene	17.915	276	589698	30.985	ng	99

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

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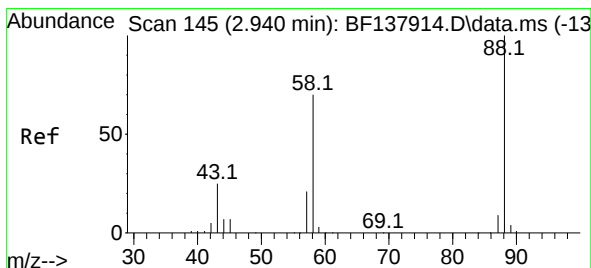
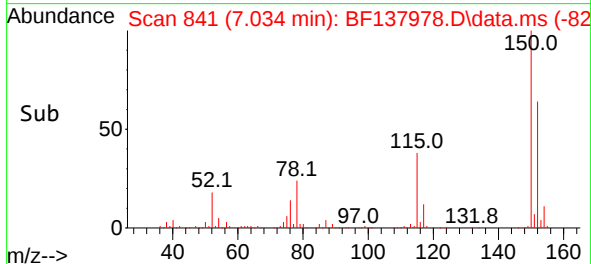
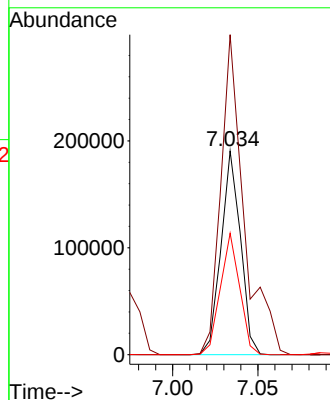
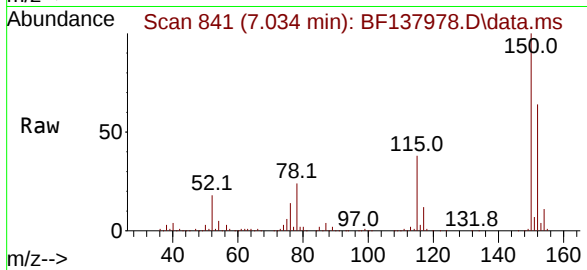




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BF137978.D
 Acq: 21 May 2024 15:08

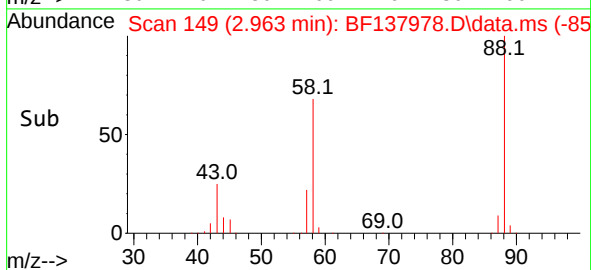
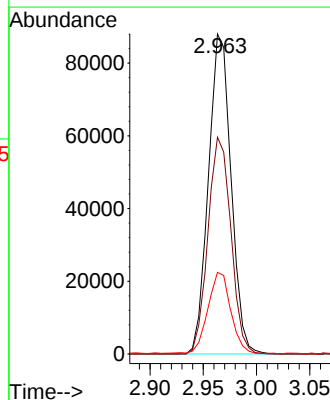
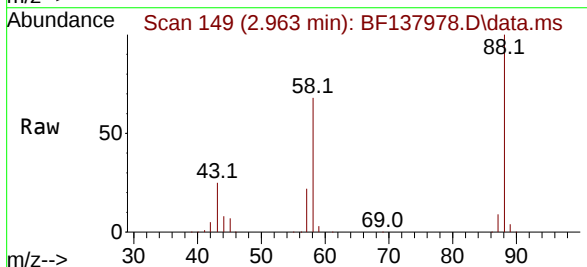
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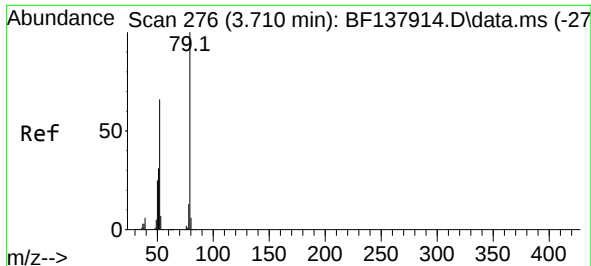
Tgt Ion:152 Resp: 151401
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.7 188.5
 115 59.6 47.0 70.6



#2
 1,4-Dioxane
 Concen: 33.723 ng
 RT: 2.963 min Scan# 149
 Delta R.T. 0.024 min
 Lab File: BF137978.D
 Acq: 21 May 2024 15:08

Tgt Ion: 88 Resp: 130210
 Ion Ratio Lower Upper
 88 100
 58 68.6 54.4 81.6
 43 26.3 19.6 29.4

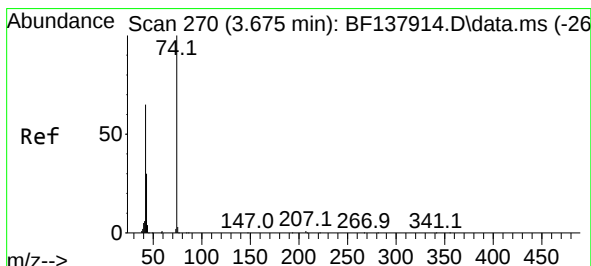
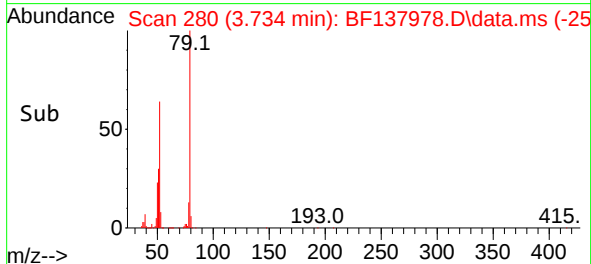
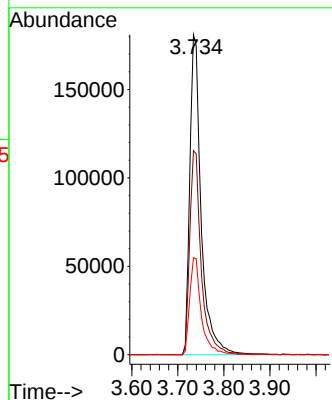
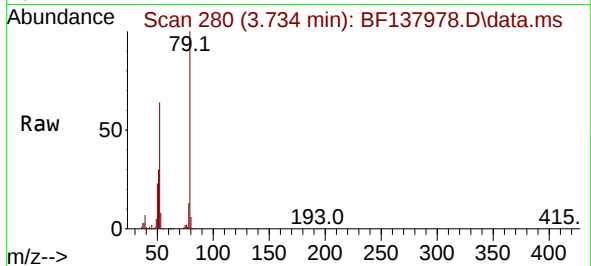




#3
Pyridine
Concen: 35.742 ng
RT: 3.734 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

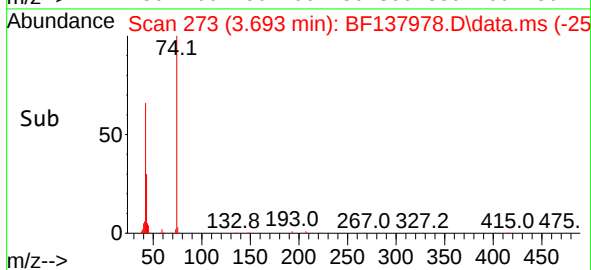
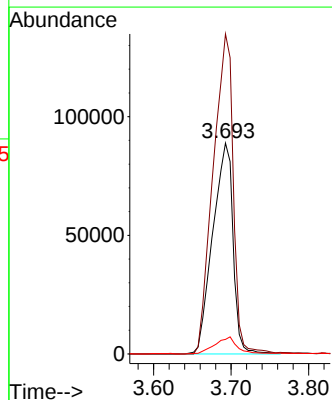
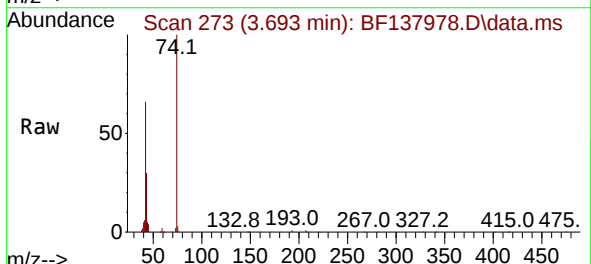
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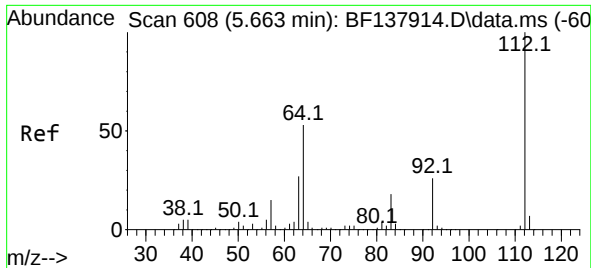
Tgt Ion: 79 Resp: 309657
Ion Ratio Lower Upper
79 100
52 63.8 52.5 78.7
51 30.3 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 42.343 ng
RT: 3.693 min Scan# 273
Delta R.T. 0.018 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion: 42 Resp: 161835
Ion Ratio Lower Upper
42 100
74 151.7 123.1 184.7
44 6.9 5.0 7.6

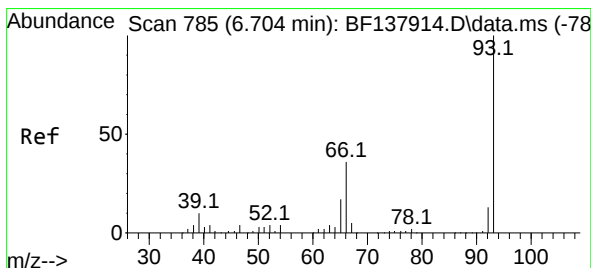
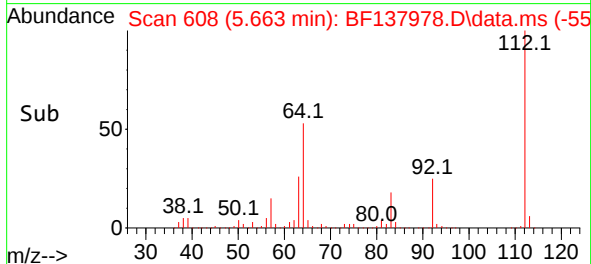
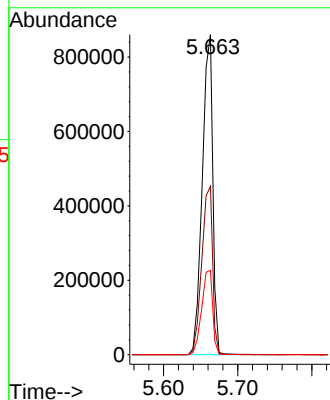
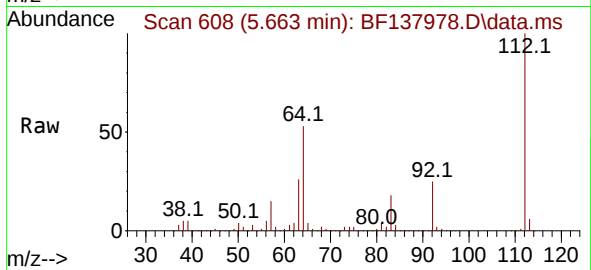




#5
2-Fluorophenol
Concen: 95.113 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

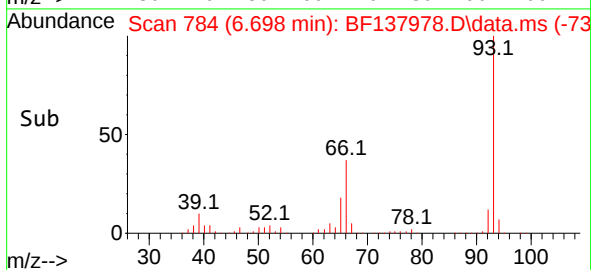
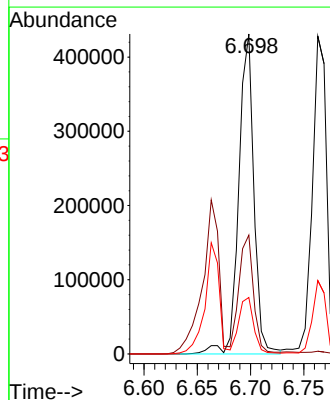
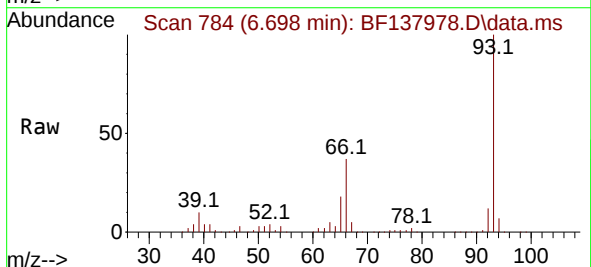
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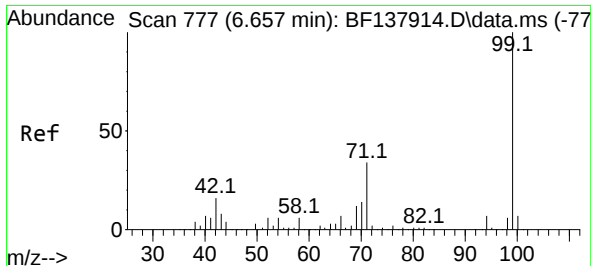
Tgt Ion:112 Resp: 847748
Ion Ratio Lower Upper
112 100
64 52.6 42.4 63.6
63 26.4 21.4 32.2



#6
Aniline
Concen: 43.517 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion: 93 Resp: 427353
Ion Ratio Lower Upper
93 100
66 37.2 30.7 46.1
65 17.7 15.0 22.4

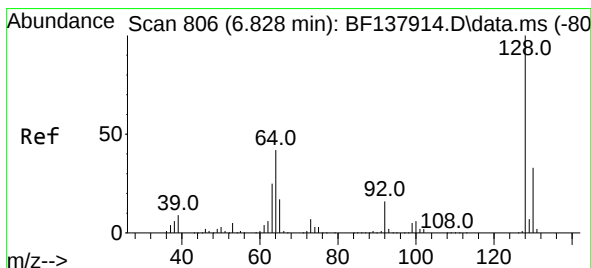
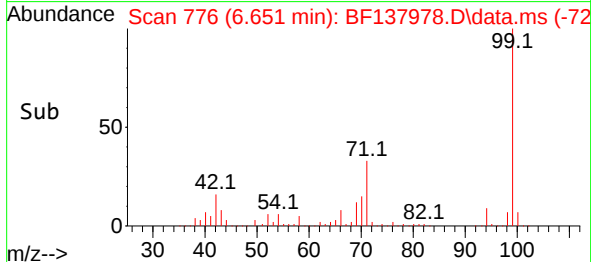
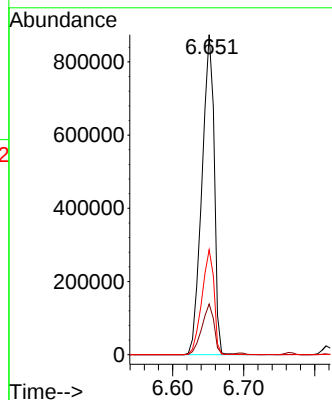
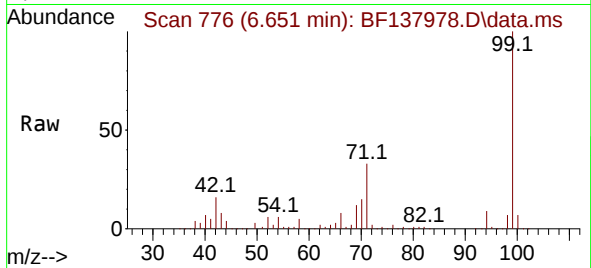




#7
Phenol-d6
Concen: 95.882 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

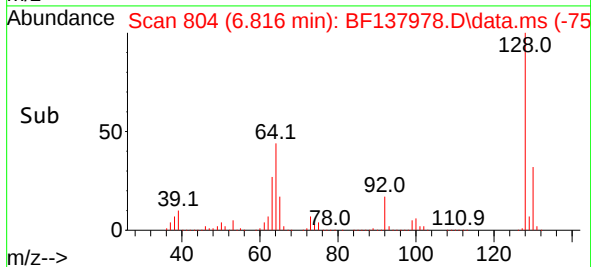
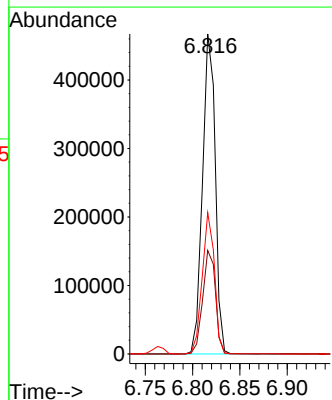
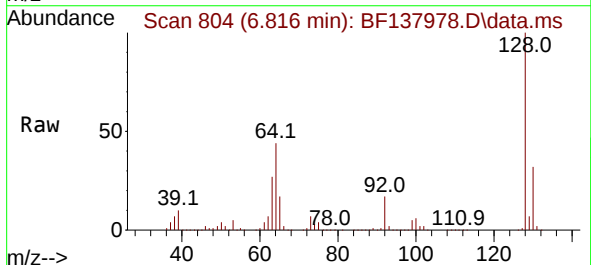
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Tgt Ion: 99 Resp: 1052736
Ion Ratio Lower Upper
99 100
42 15.9 12.6 18.8
71 32.8 27.1 40.7



#8
2-Chlorophenol
Concen: 45.201 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion: 128 Resp: 435992
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 44.1 22.2 62.2

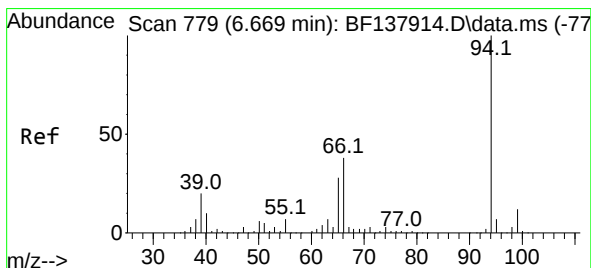
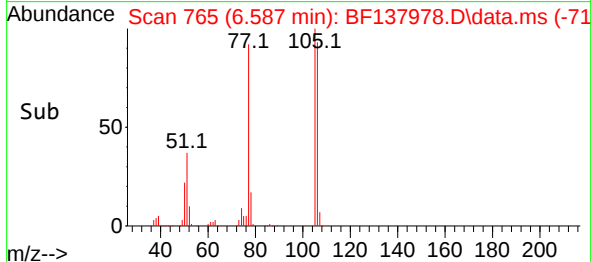
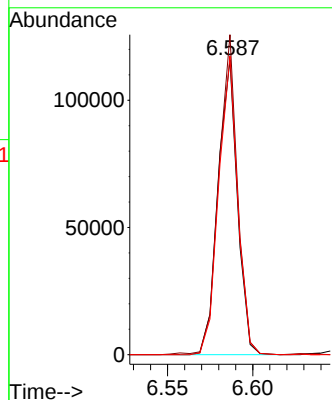
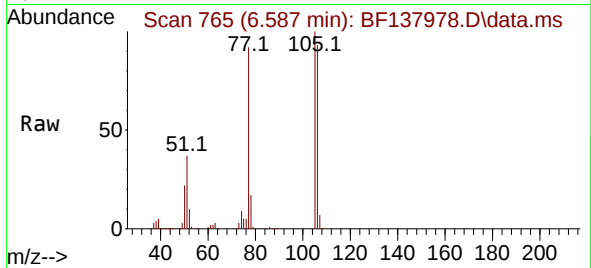




#9
Benzaldehyde
Concen: 15.403 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

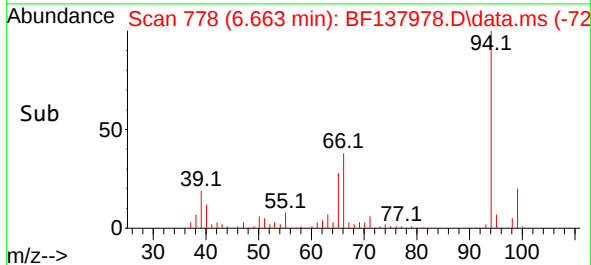
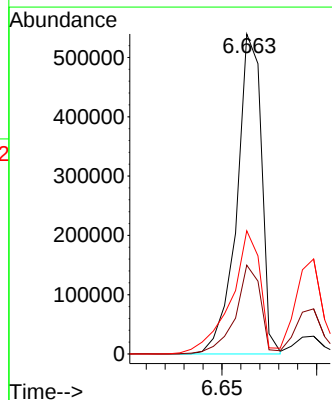
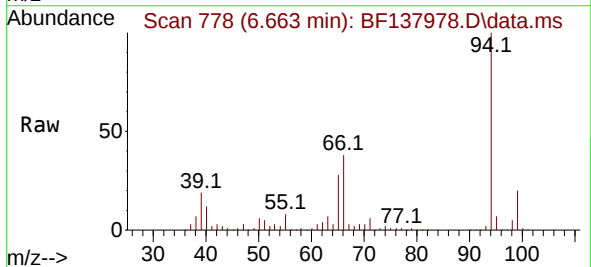
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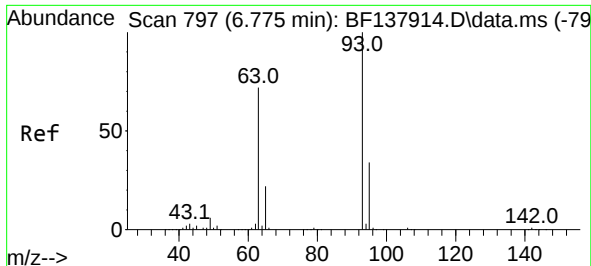
Tgt Ion: 77 Resp: 91499
Ion Ratio Lower Upper
77 100
105 108.5 82.3 122.3
106 101.2 79.2 119.2



#10
Phenol
Concen: 44.049 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion: 94 Resp: 488161
Ion Ratio Lower Upper
94 100
65 27.8 7.8 47.8
66 38.5 18.6 58.6

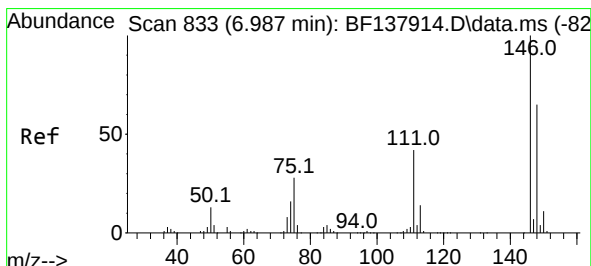
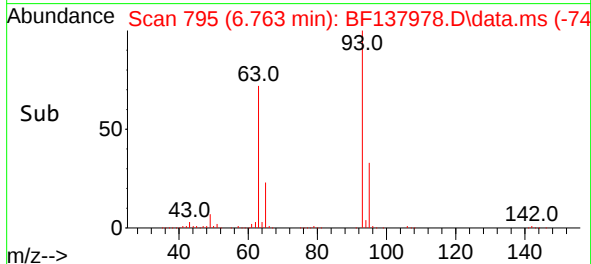
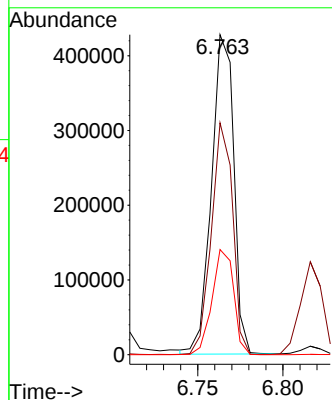
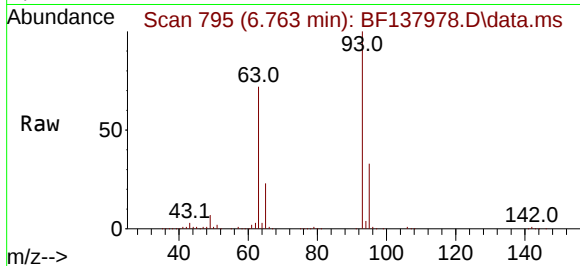




#11
bis(2-Chloroethyl)ether
Concen: 45.679 ng
RT: 6.763 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

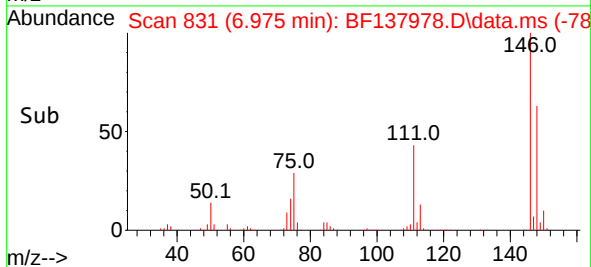
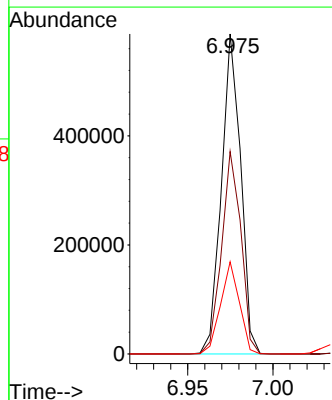
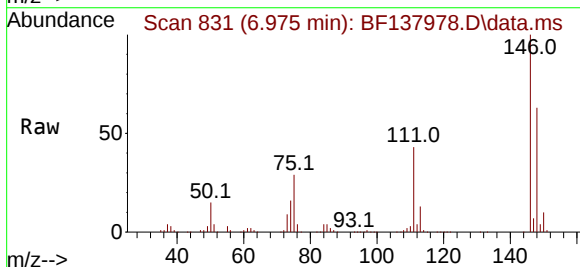
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

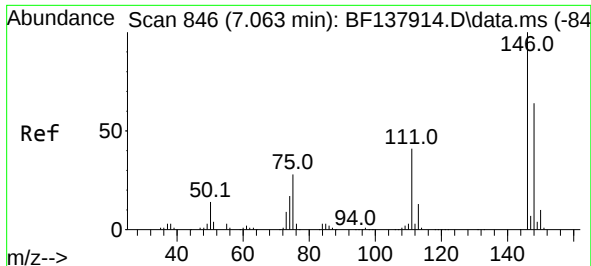
Tgt Ion: 93 Resp: 388687
Ion Ratio Lower Upper
93 100
63 72.5 51.4 91.4
95 32.9 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 41.353 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:146 Resp: 461501
Ion Ratio Lower Upper
146 100
148 63.3 51.7 77.5
75 28.8 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 41.552 ng

RT: 7.051 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

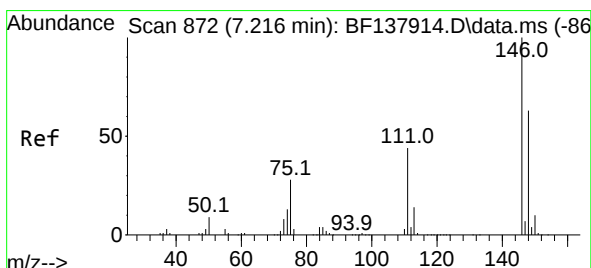
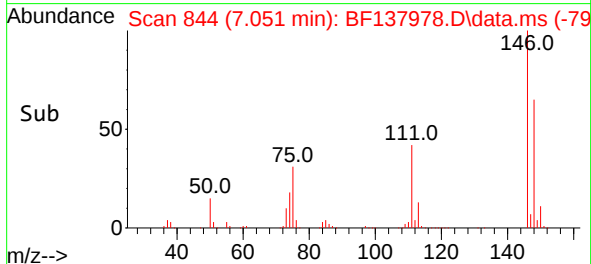
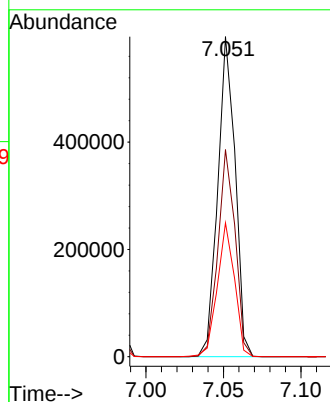
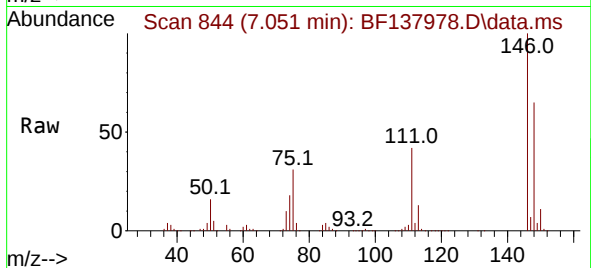
Tgt Ion:146 Resp: 465469

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

111 41.8 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 42.386 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

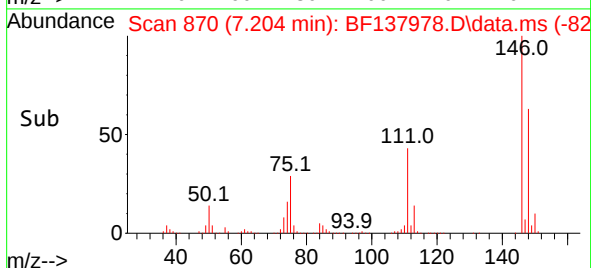
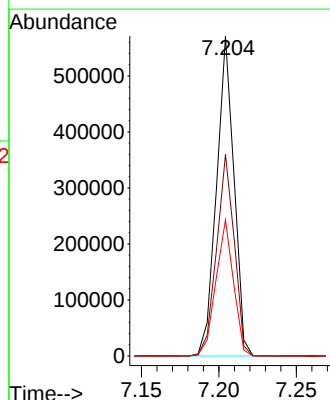
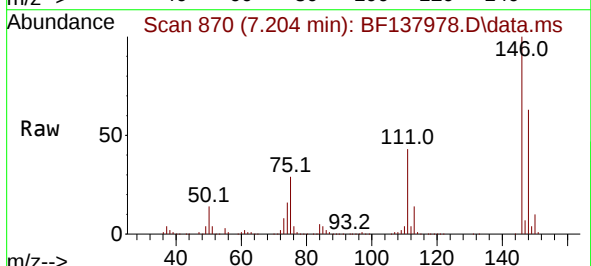
Tgt Ion:146 Resp: 446875

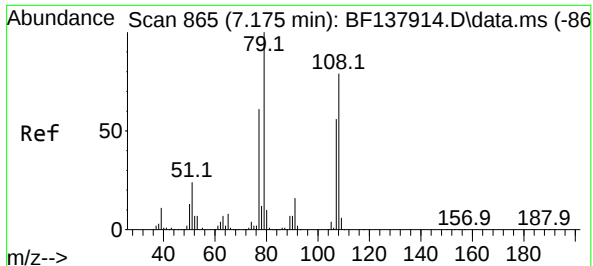
Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.4

111 42.6 35.1 52.7





#15

Benzyl Alcohol

Concen: 48.550 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

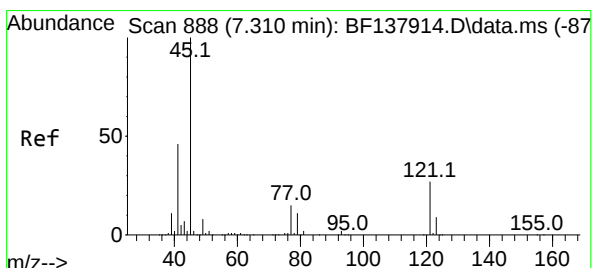
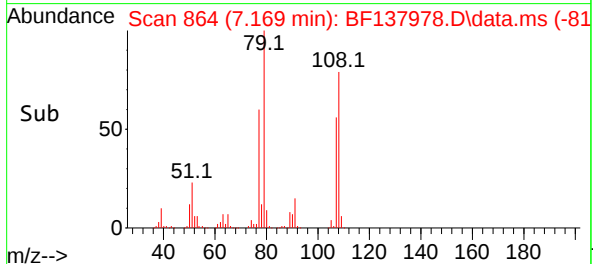
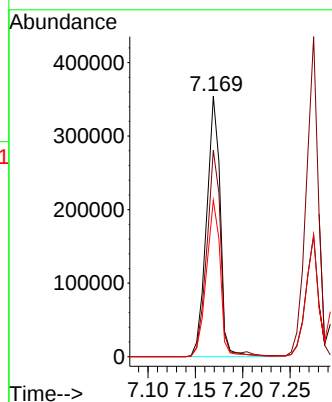
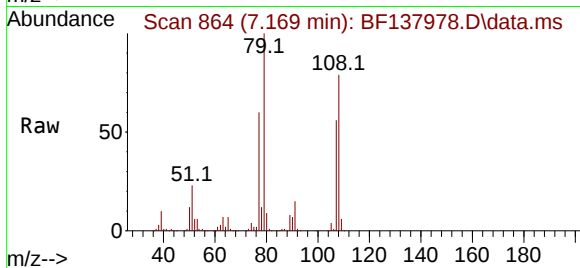
Tgt Ion: 79 Resp: 355950

Ion Ratio Lower Upper

79 100

108 79.3 62.8 94.2

77 60.1 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.034 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.012 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

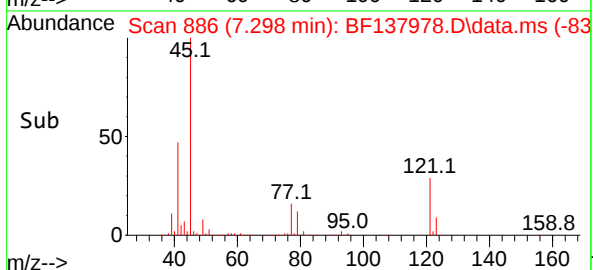
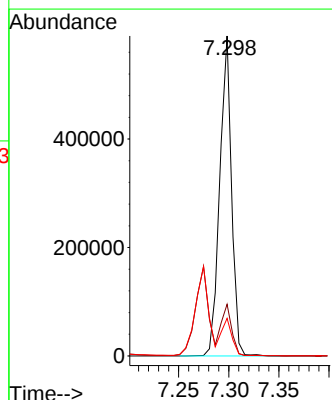
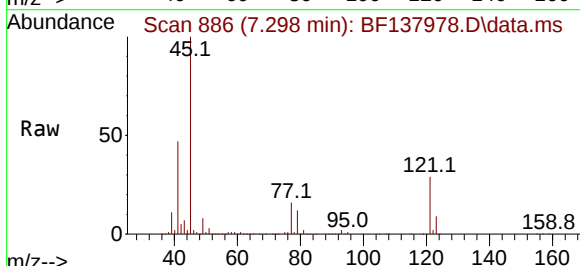
Tgt Ion: 45 Resp: 481495

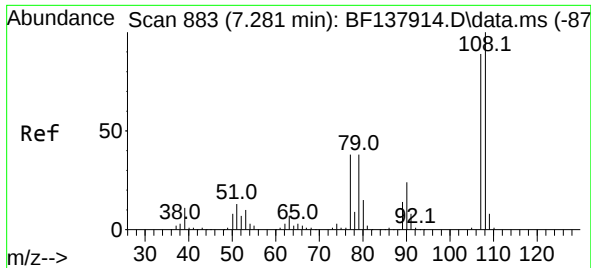
Ion Ratio Lower Upper

45 100

77 16.1 0.0 35.3

79 11.7 0.0 32.1

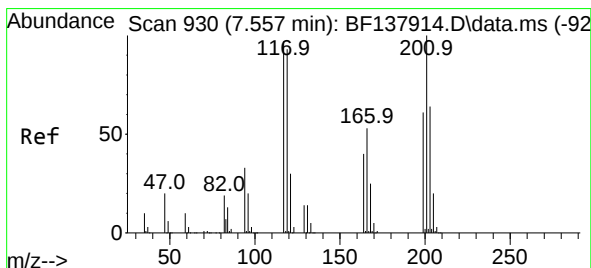
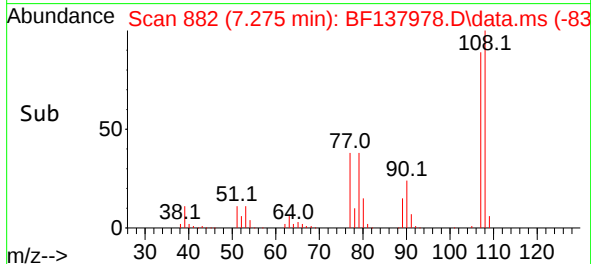
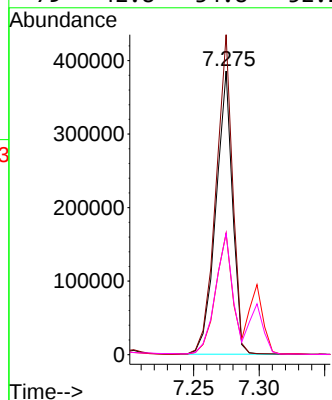
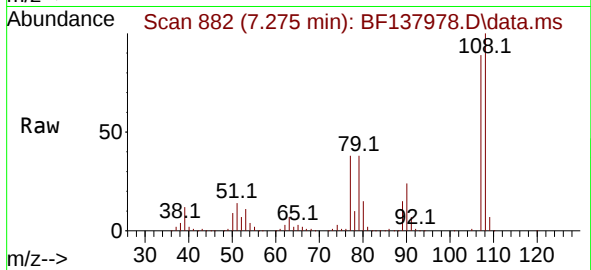




#17
2-Methylphenol
Concen: 43.974 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

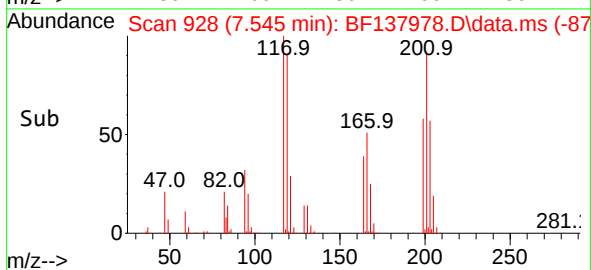
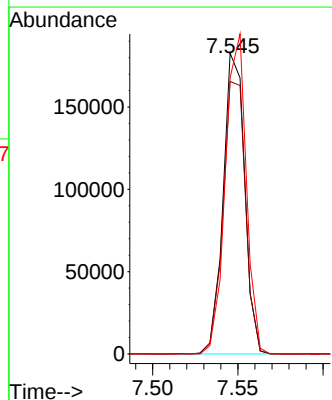
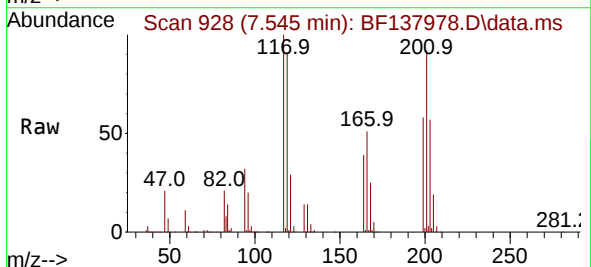
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

Tgt Ion:	107	Resp:	338267
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.1	135.1
77	42.8	34.3	51.5
79	42.8	34.8	52.2



#18
Hexachloroethane
Concen: 42.252 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:	117	Resp:	160163
Ion	Ratio	Lower	Upper
117	100		
119	90.6	76.8	115.2
201	91.9	82.7	124.1



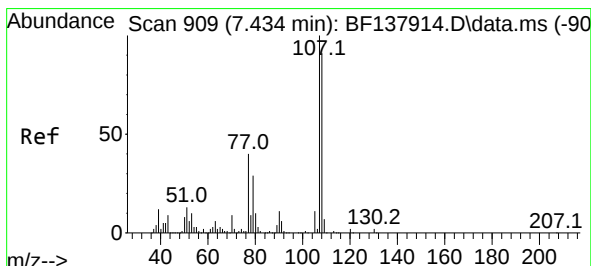
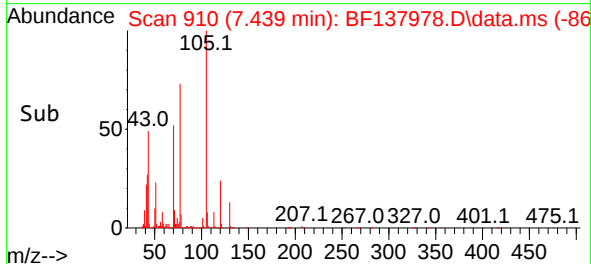
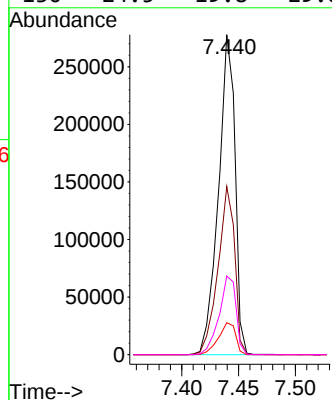
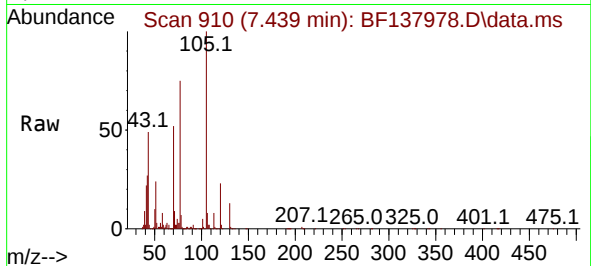


#19
n-Nitroso-di-n-propylamine
Concen: 45.907 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

Tgt Ion: 70 Resp: 283178

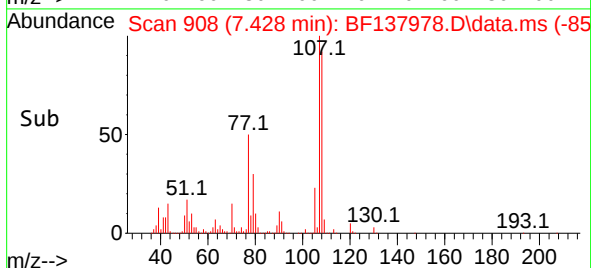
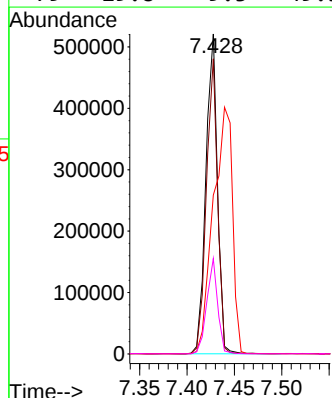
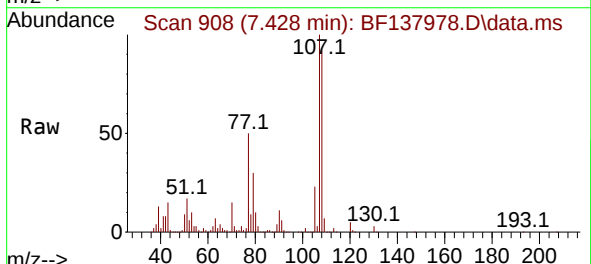
Ion	Ratio	Lower	Upper
70	100		
42	52.5	42.2	63.4
101	10.0	8.8	13.2
130	24.5	19.8	29.8

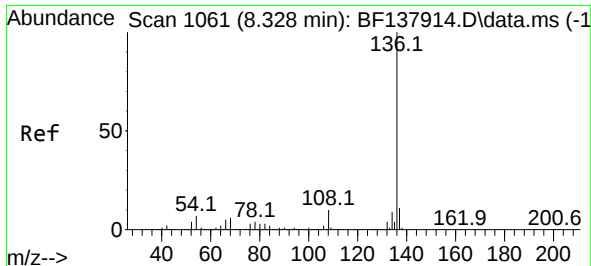


#20
3+4-Methylphenols
Concen: 43.937 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion: 107 Resp: 442773

Ion	Ratio	Lower	Upper
107	100		
108	92.3	70.8	110.8
77	49.6	20.2	60.2
79	29.8	9.3	49.3

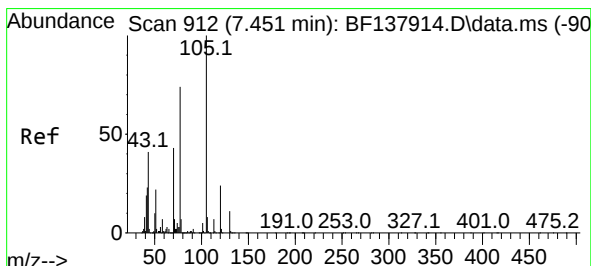
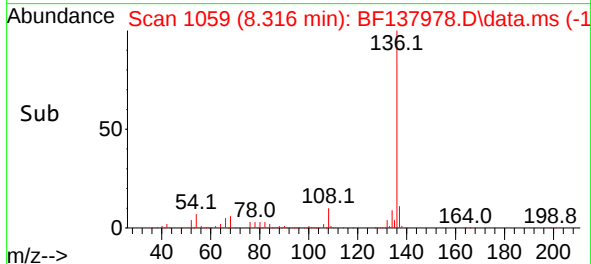
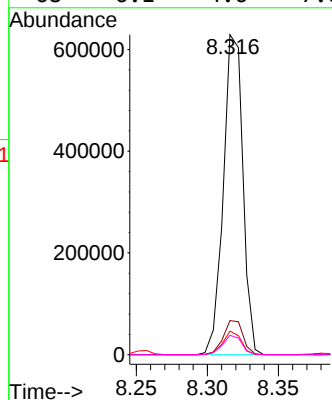
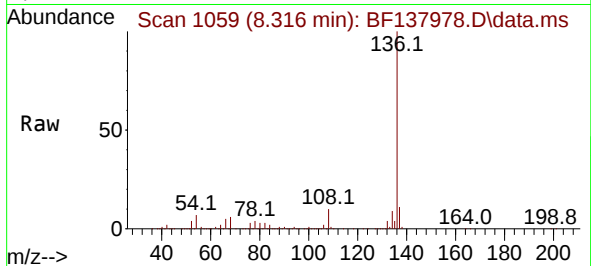




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1061
Delta R.T. -0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

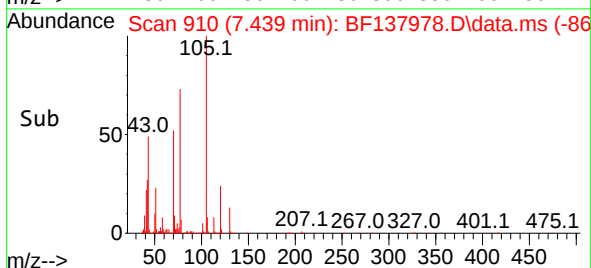
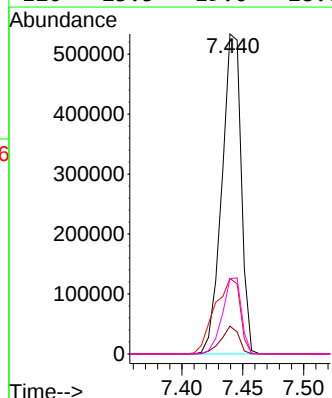
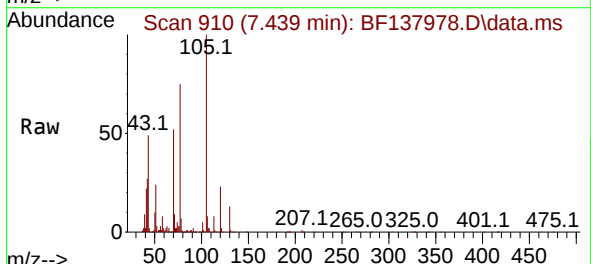
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

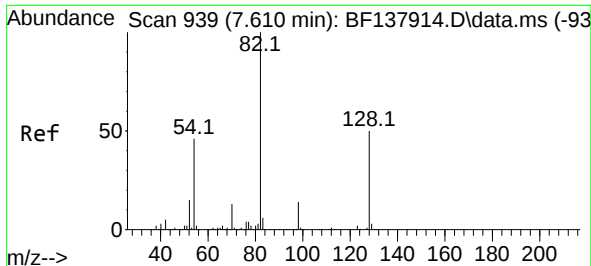
Tgt Ion:	136	Resp:	600989
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.3	5.4	8.2
68	6.1	4.6	7.0



#22
Acetophenone
Concen: 43.711 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:	105	Resp:	588489
Ion	Ratio	Lower	Upper
105	100		
71	8.7	5.7	8.5#
51	23.6	17.8	26.8
120	23.5	19.0	28.6

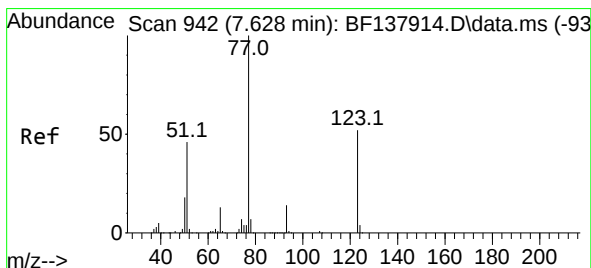
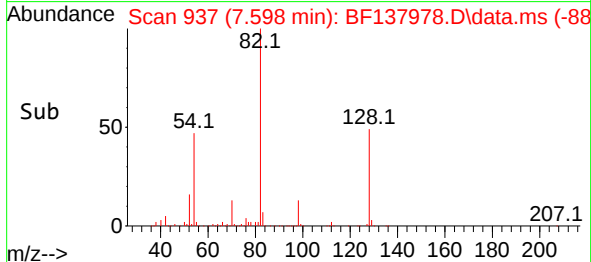
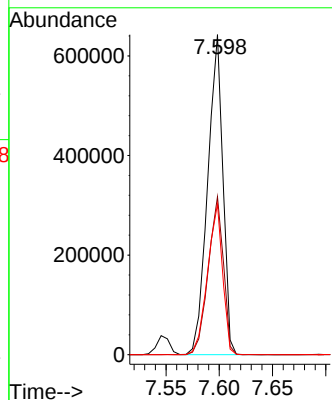
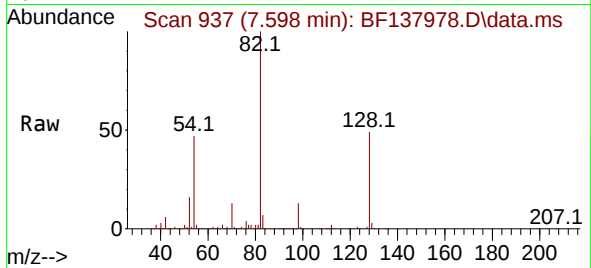




#23
Nitrobenzene-d5
Concen: 62.677 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

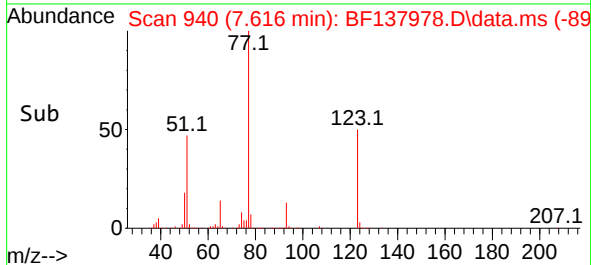
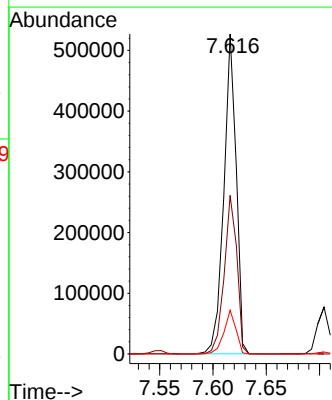
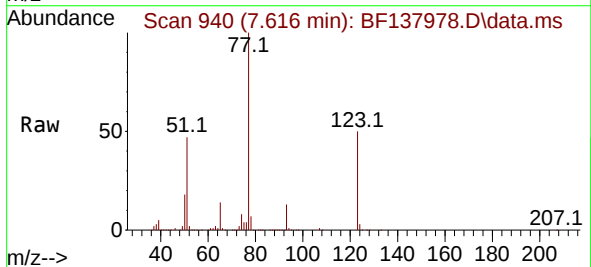
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

Tgt Ion: 82 Resp: 640065
Ion Ratio Lower Upper
82 100
128 49.4 40.3 60.5
54 47.1 36.8 55.2



#24
Nitrobenzene
Concen: 40.805 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion: 77 Resp: 422729
Ion Ratio Lower Upper
77 100
123 49.6 41.4 62.2
65 13.7 10.5 15.7

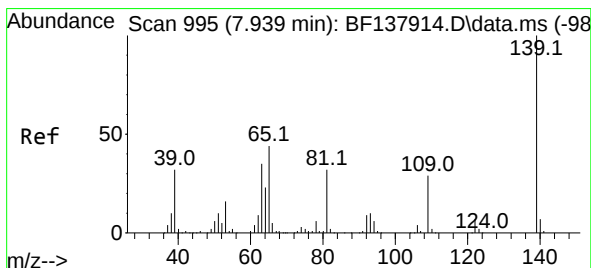
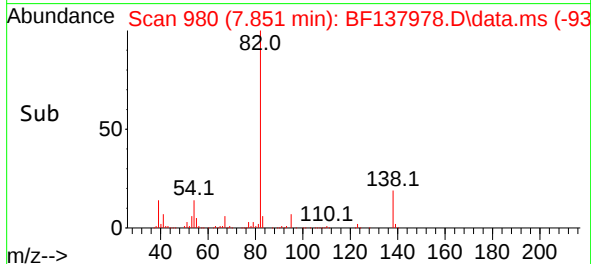
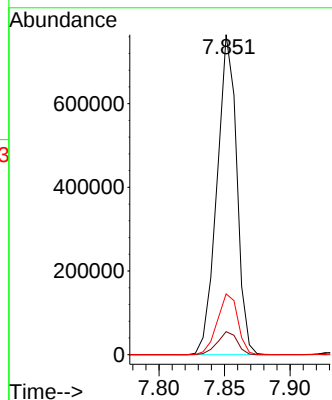
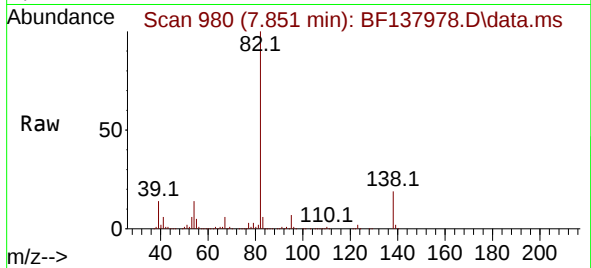




#25
Isophorone
Concen: 45.177 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

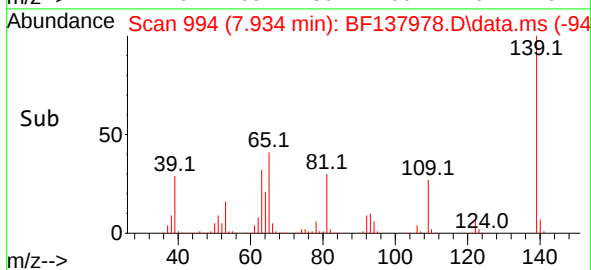
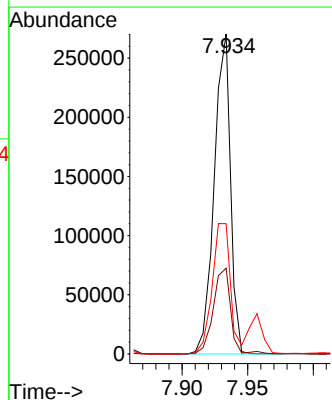
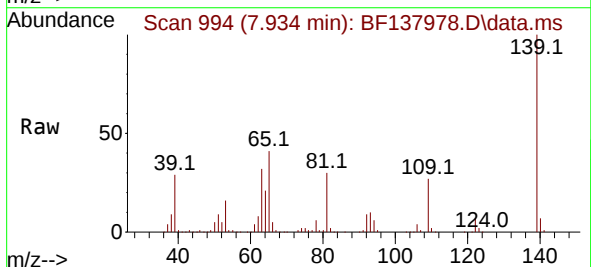
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

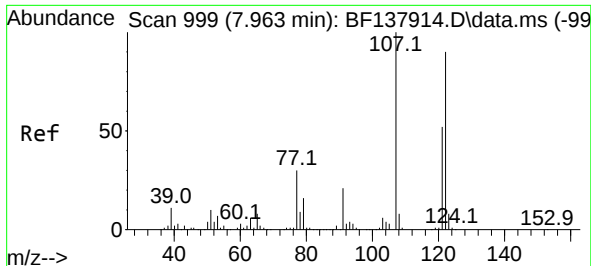
Tgt Ion: 82 Resp: 800701
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 19.0 15.0 22.4



#26
2-Nitrophenol
Concen: 44.669 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:139 Resp: 232525
Ion Ratio Lower Upper
139 100
109 26.8 22.8 34.2
65 40.7 35.2 52.8

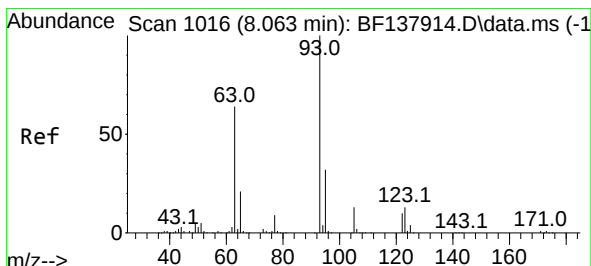
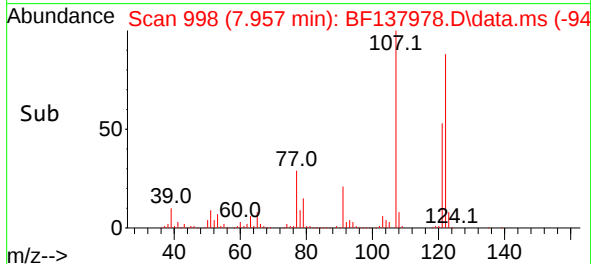
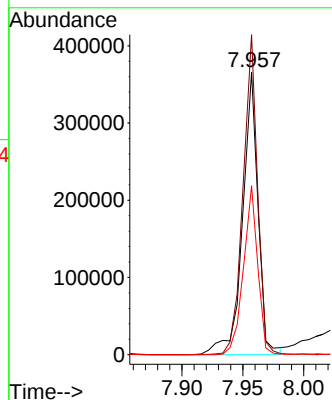
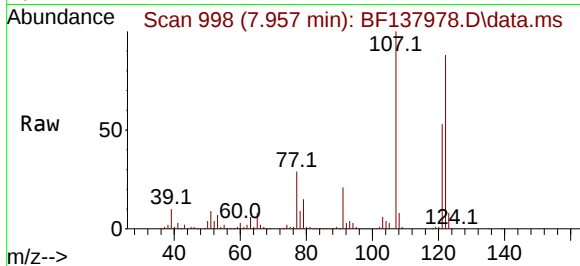




#27
2,4-Dimethylphenol
Concen: 48.055 ng
RT: 7.957 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

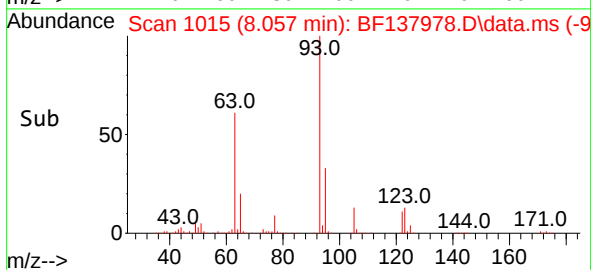
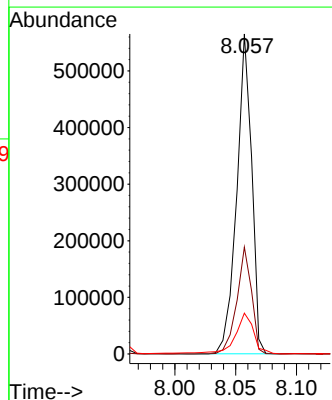
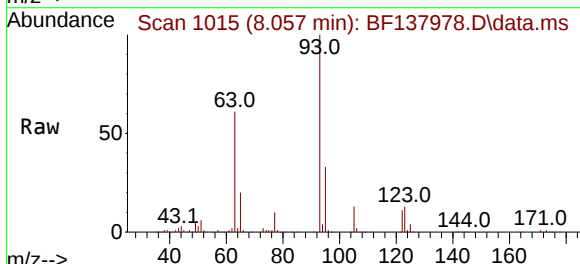
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

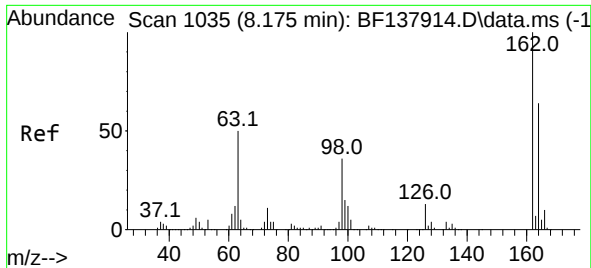
Tgt Ion:122 Resp: 322061
Ion Ratio Lower Upper
122 100
107 113.2 89.0 133.4
121 59.7 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.737 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion: 93 Resp: 480560
Ion Ratio Lower Upper
93 100
95 33.4 25.9 38.9
123 12.8 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 45.128 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

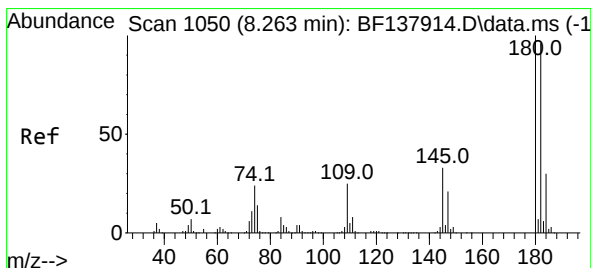
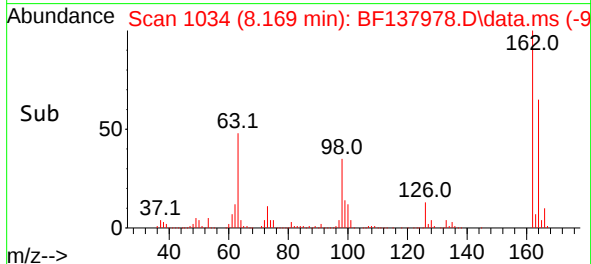
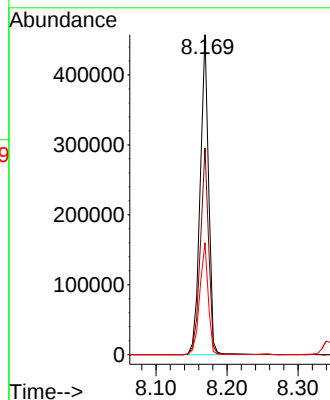
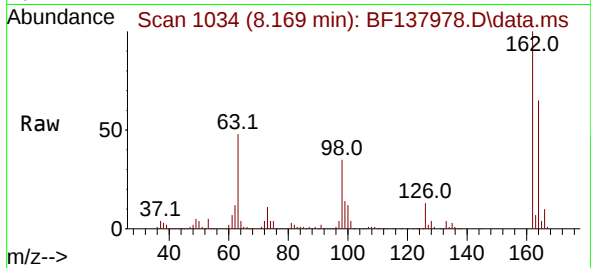
Tgt Ion:162 Resp: 380326

Ion Ratio Lower Upper

162 100

164 64.6 44.3 84.3

98 35.0 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 41.913 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

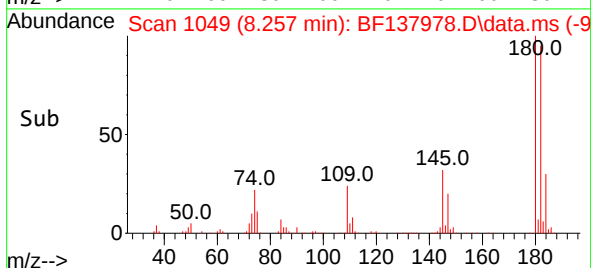
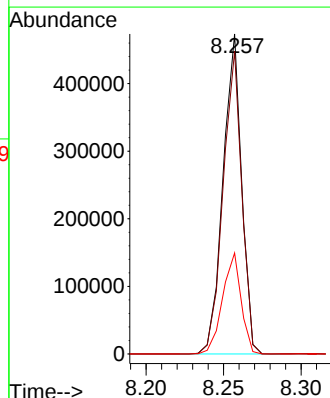
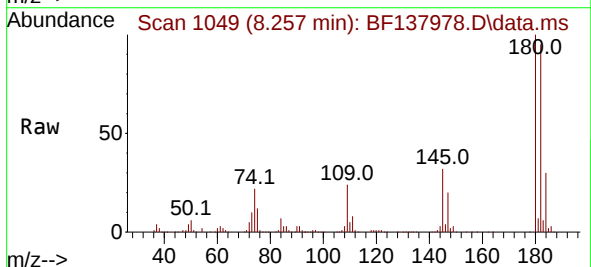
Tgt Ion:180 Resp: 394392

Ion Ratio Lower Upper

180 100

182 94.6 76.5 114.7

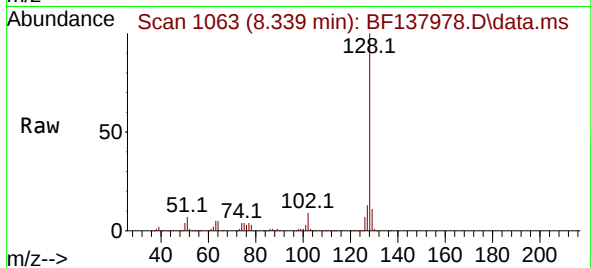
145 31.5 26.2 39.2



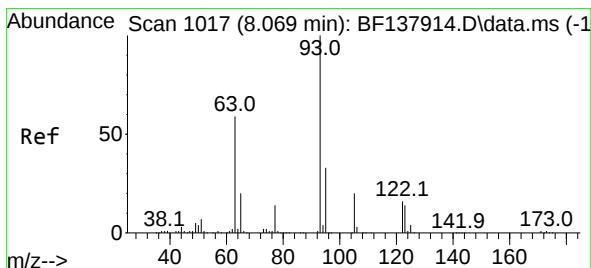
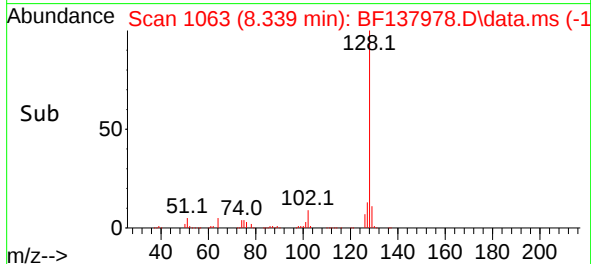
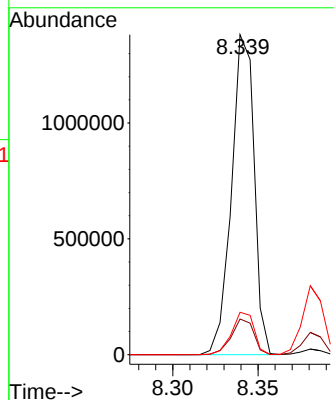


#31
Naphthalene
Concen: 42.227 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

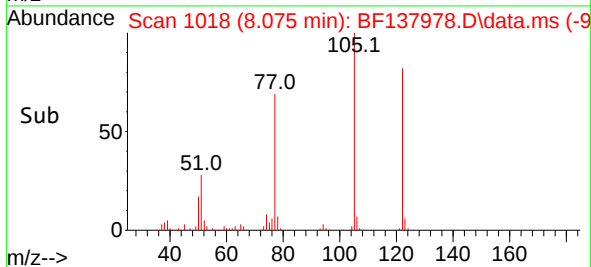
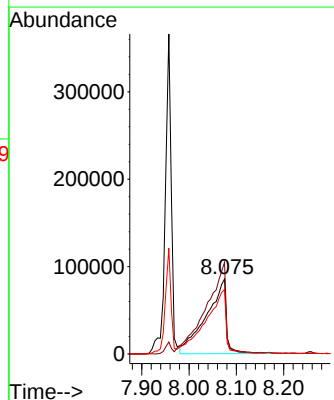
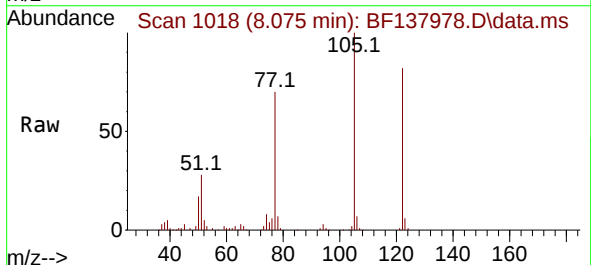


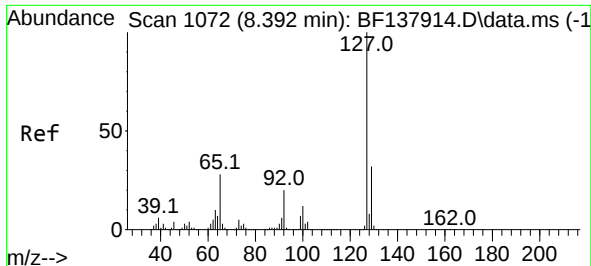
Tgt Ion:128 Resp: 1276000
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 44.455 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:122 Resp: 251851
Ion Ratio Lower Upper
122 100
105 122.6 103.8 143.8
77 86.0 68.4 108.4

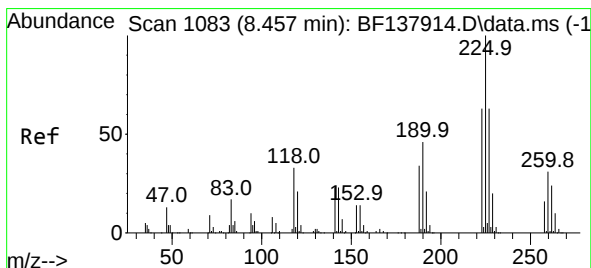
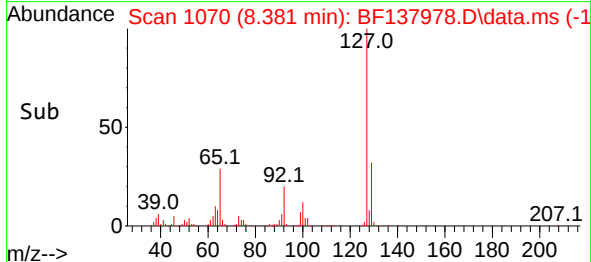
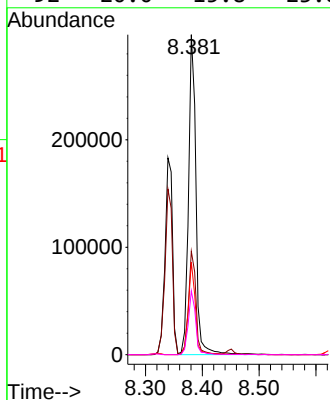
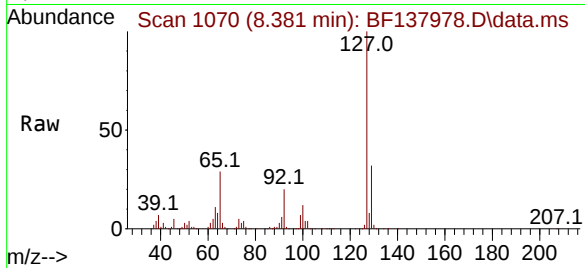




#33
4-Chloroaniline
Concen: 27.235 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

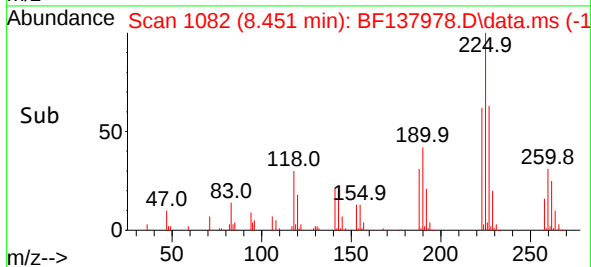
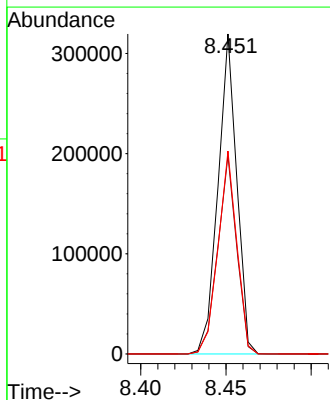
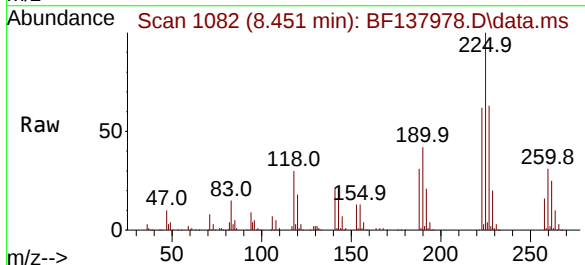
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

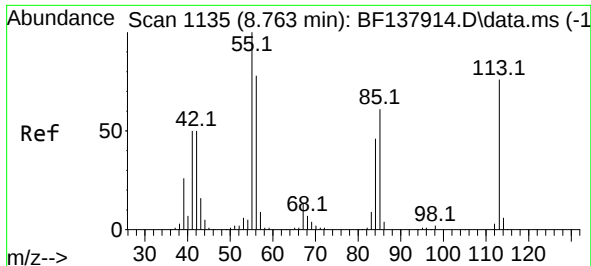
Tgt Ion:	127	Resp:	269787
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	28.9	22.0	33.0
92	20.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 41.079 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:	225	Resp:	244664
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.0	75.0
227	63.4	50.2	75.4

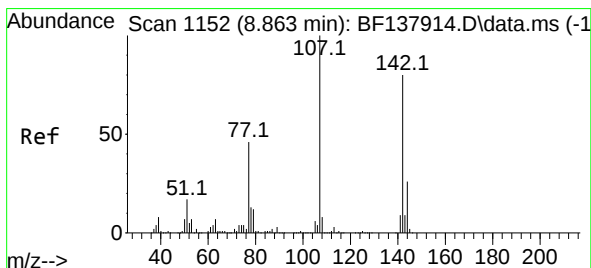
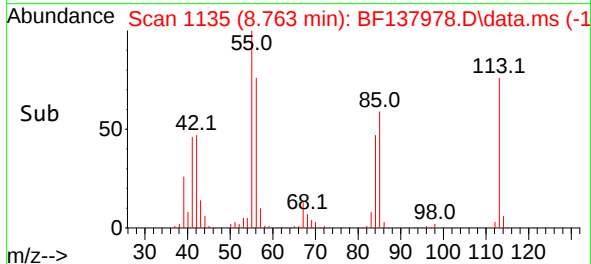
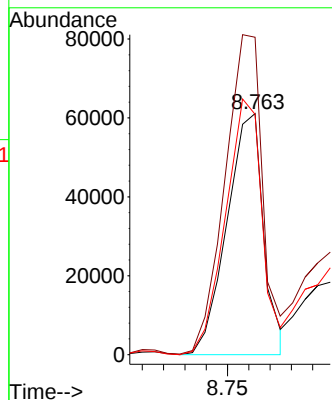
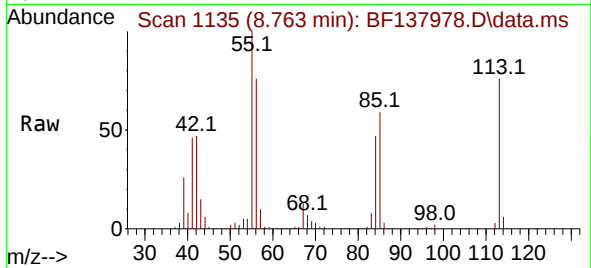




#35
 Caprolactam
 Concen: 29.876 ng
 RT: 8.763 min Scan# 1135
 Delta R.T. 0.000 min
 Lab File: BF137978.D
 Acq: 21 May 2024 15:08

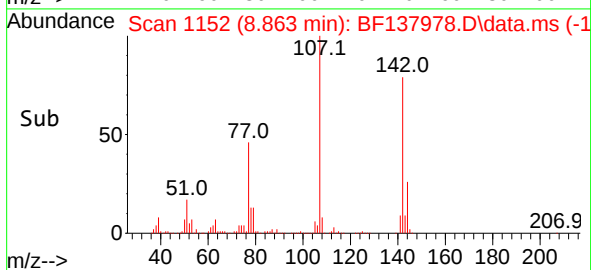
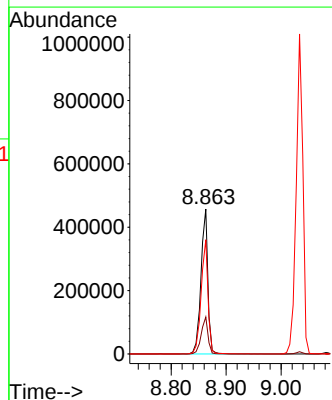
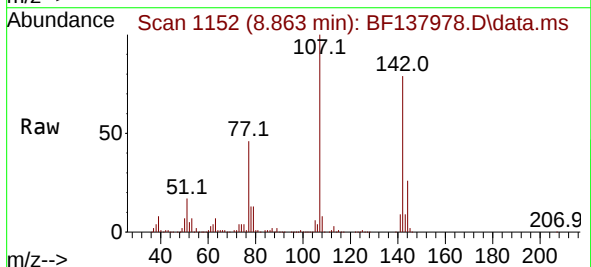
Instrument :
 BNA_F
 ClientSampleId :
 B-112-SB02MS

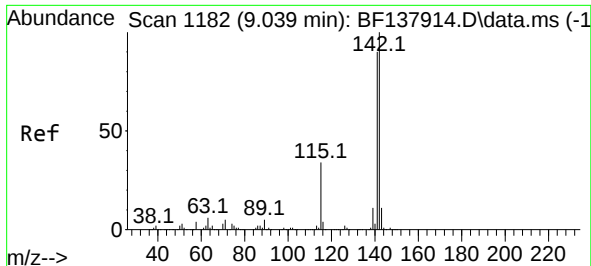
Tgt Ion:113 Resp: 72947
 Ion Ratio Lower Upper
 113 100
 55 131.7 112.3 152.3
 56 99.7 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.810 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF137978.D
 Acq: 21 May 2024 15:08

Tgt Ion:107 Resp: 401309
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.7 31.1
 142 78.9 64.0 96.0





#37

2-Methylnaphthalene

Concen: 43.993 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

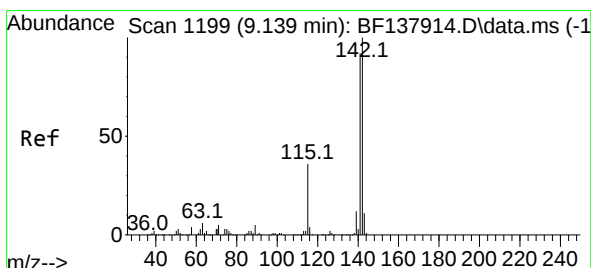
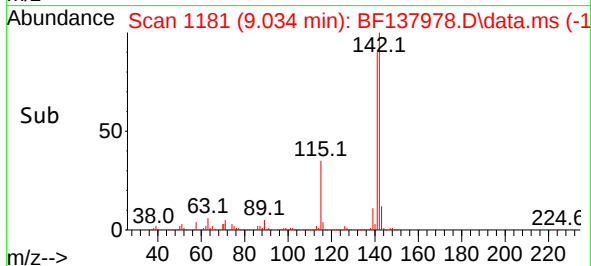
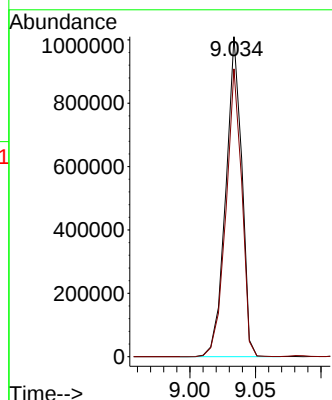
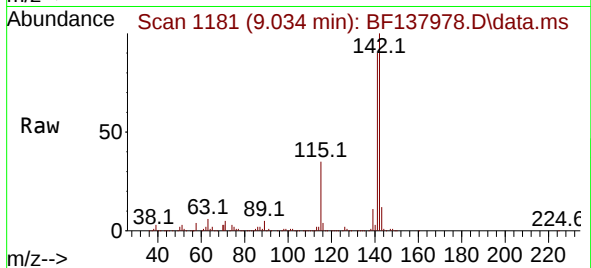
B-112-SB02MS

Tgt Ion:142 Resp: 854517

Ion Ratio Lower Upper

142 100

141 90.0 72.0 108.0



#38

1-Methylnaphthalene

Concen: 41.421 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF137978.D

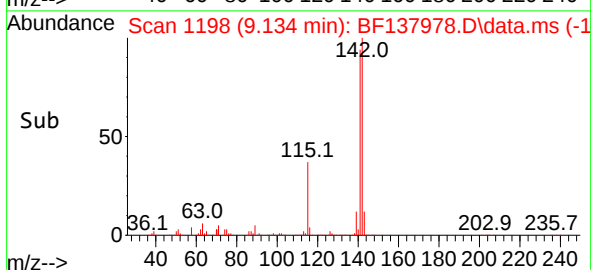
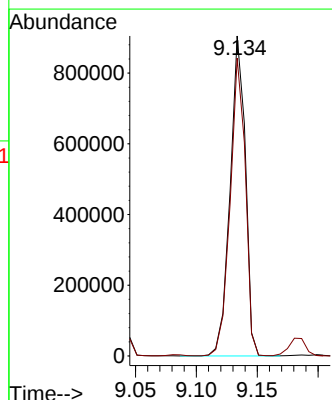
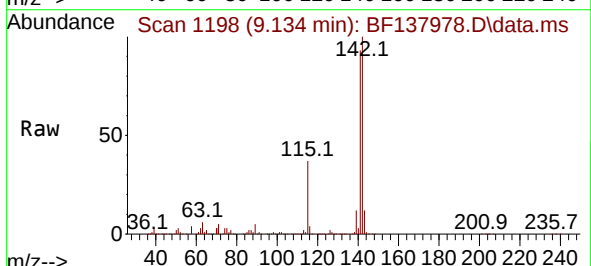
Acq: 21 May 2024 15:08

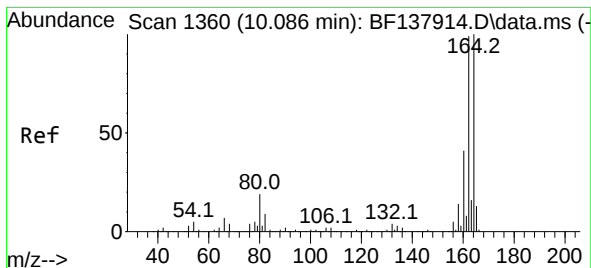
Tgt Ion:142 Resp: 790966

Ion Ratio Lower Upper

142 100

141 93.1 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

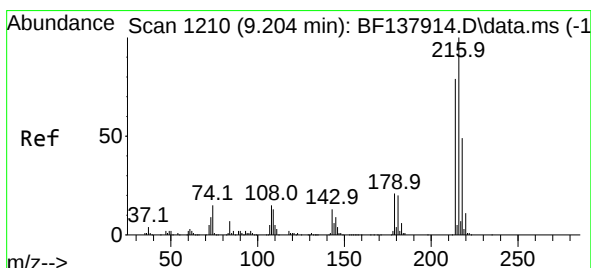
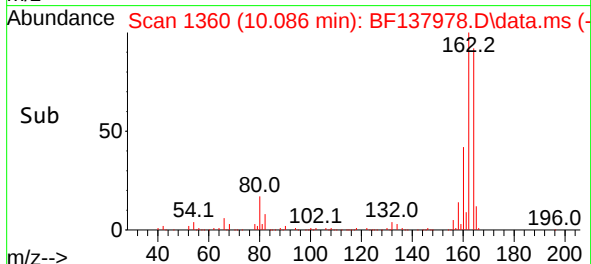
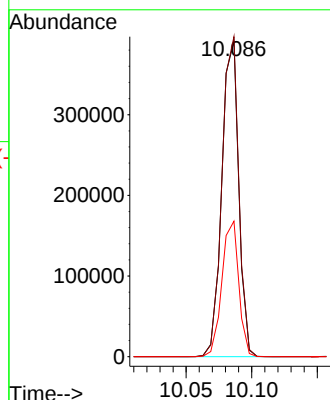
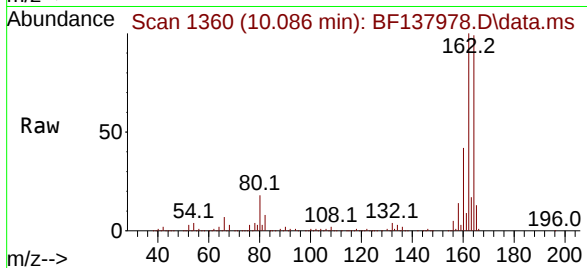
Tgt Ion:164 Resp: 349319

Ion Ratio Lower Upper

164 100

162 101.4 79.4 119.2

160 42.9 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.301 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Tgt Ion:216 Resp: 411214

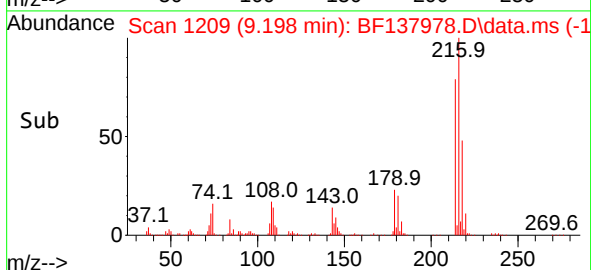
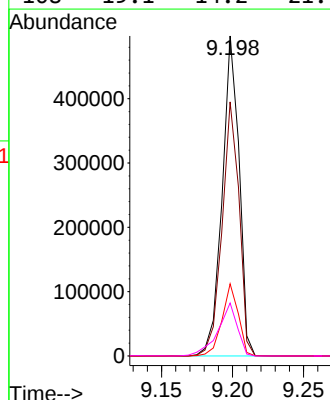
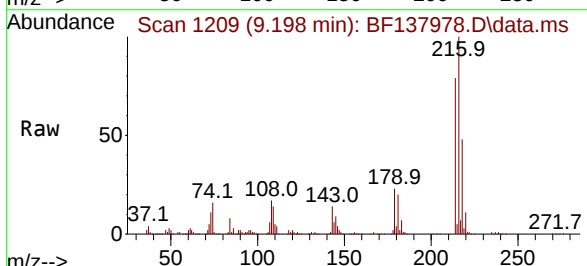
Ion Ratio Lower Upper

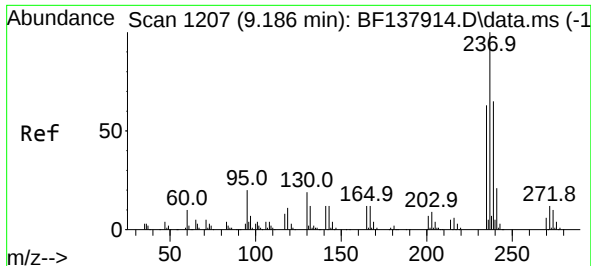
216 100

214 79.7 63.4 95.2

179 21.7 17.0 25.4

108 19.1 14.2 21.4

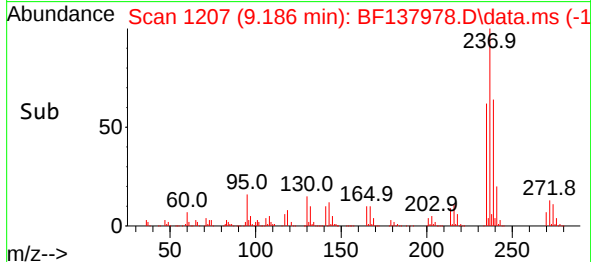
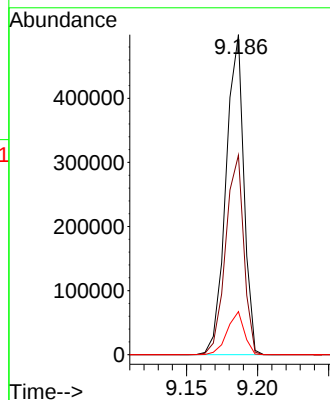
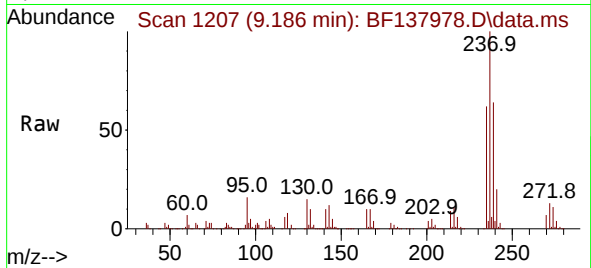




#41
Hexachlorocyclopentadiene
Concen: 121.001 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

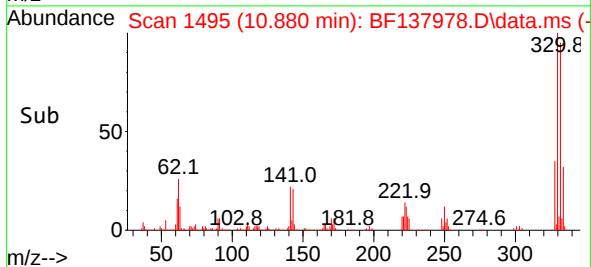
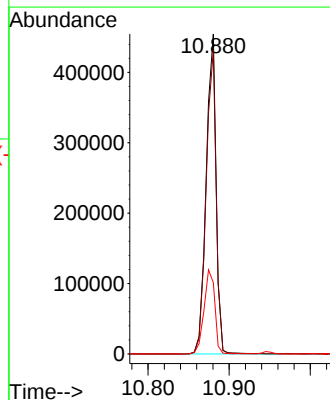
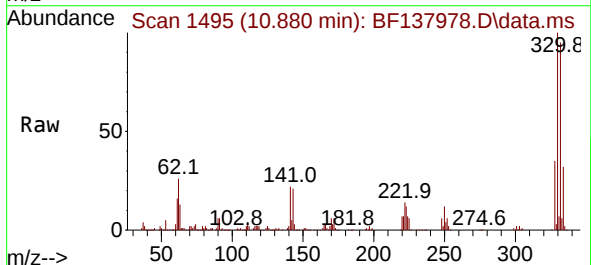
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

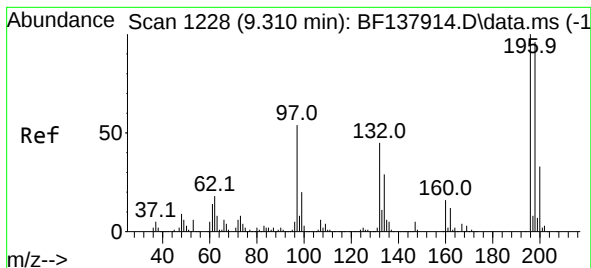
Tgt Ion:237 Resp: 436632
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 13.5 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 109.524 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:330 Resp: 385764
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.8
141 28.5 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 46.653 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

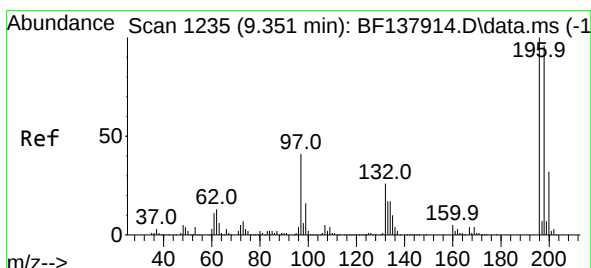
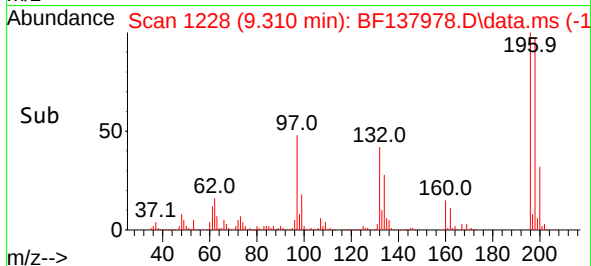
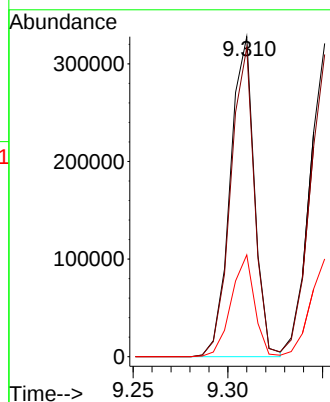
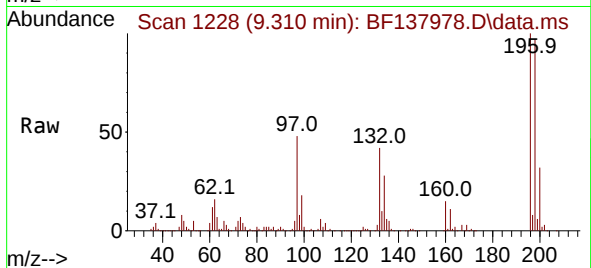
Tgt Ion:196 Resp: 290491

Ion Ratio Lower Upper

196 100

198 96.6 77.0 115.4

200 31.8 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 45.102 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Tgt Ion:196 Resp: 307283

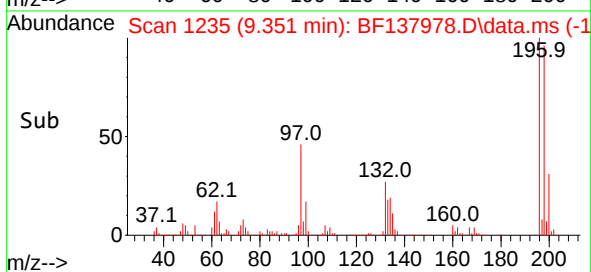
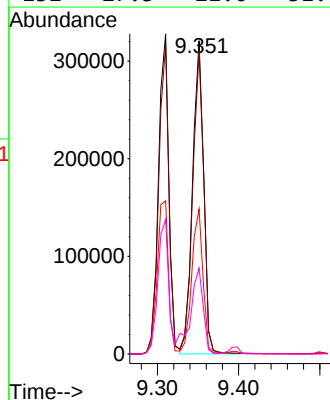
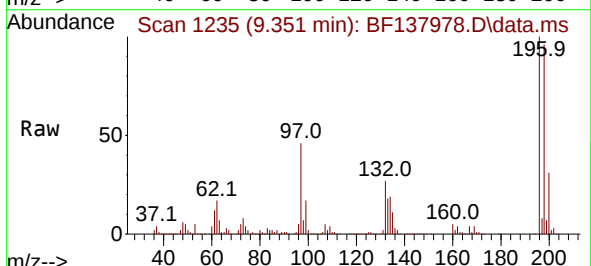
Ion Ratio Lower Upper

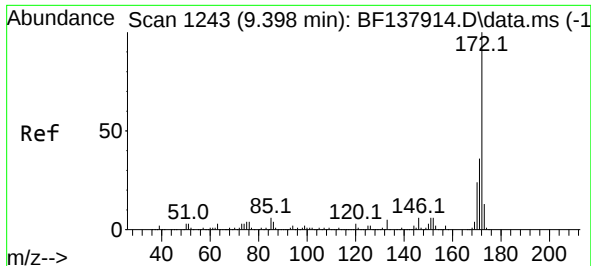
196 100

198 96.5 77.4 116.0

97 46.3 32.9 49.3

132 27.3 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 62.274 ng

RT: 9.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

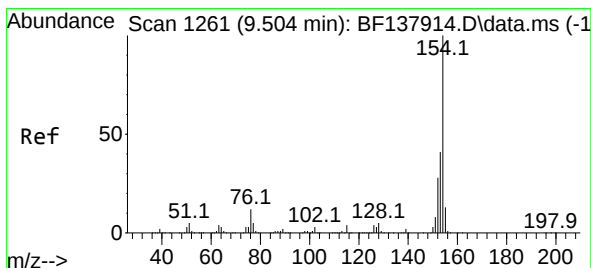
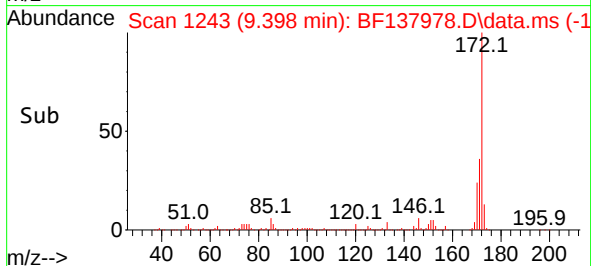
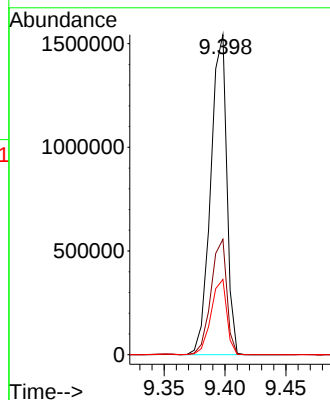
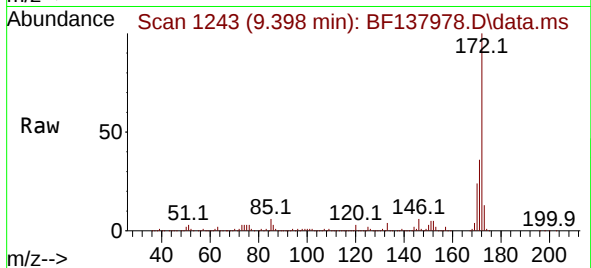
Tgt Ion:172 Resp: 1412218

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 43.635 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

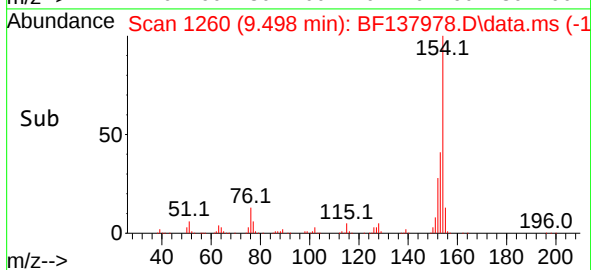
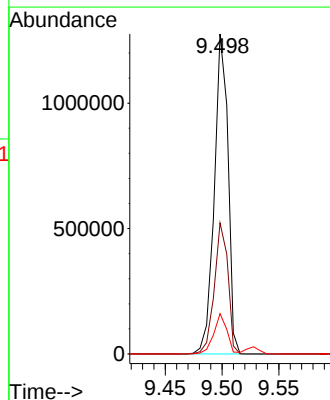
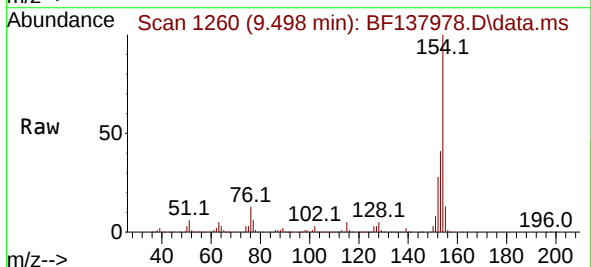
Tgt Ion:154 Resp: 1069095

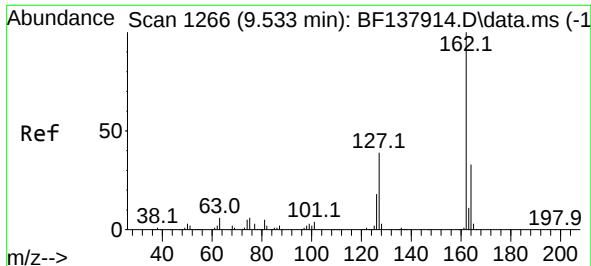
Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

76 12.6 0.0 31.9





#47

2-Chloronaphthalene

Concen: 42.544 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

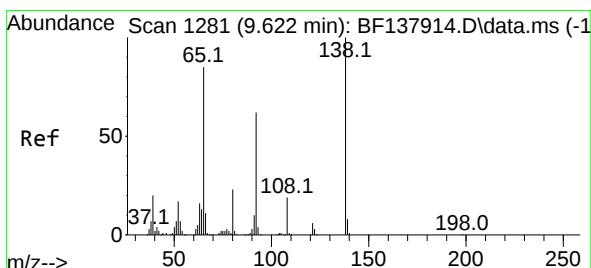
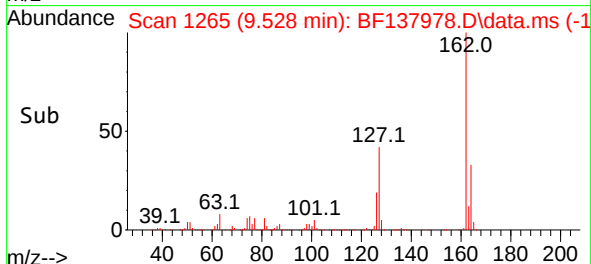
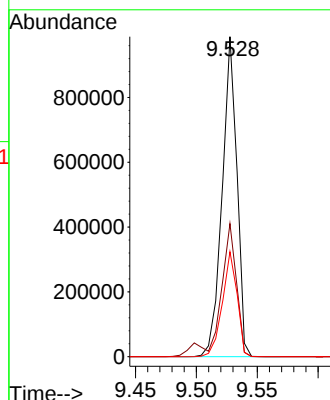
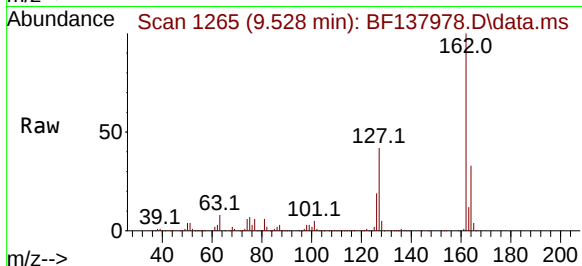
Tgt Ion:162 Resp: 832089

Ion Ratio Lower Upper

162 100

127 41.6 32.0 48.0

164 32.8 26.2 39.4



#48

2-Nitroaniline

Concen: 46.555 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

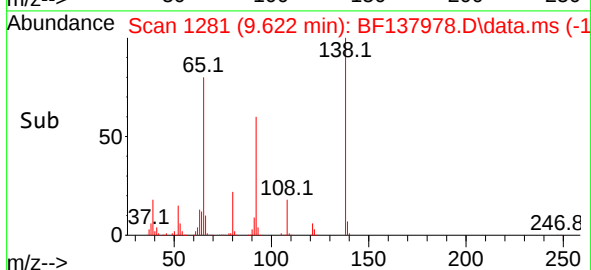
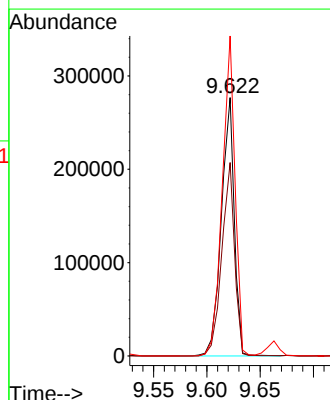
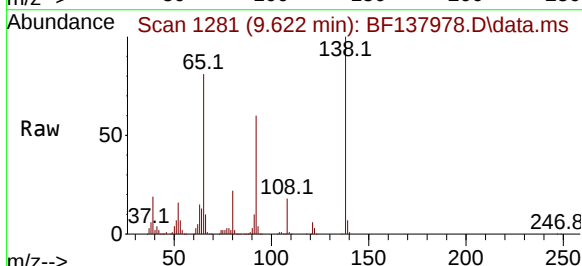
Tgt Ion: 65 Resp: 233161

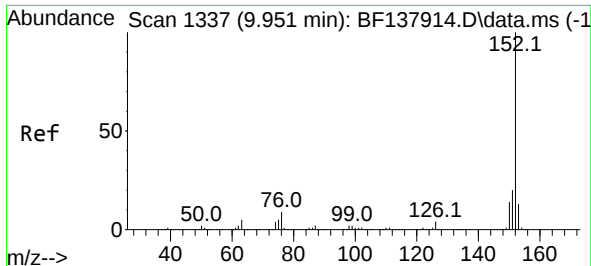
Ion Ratio Lower Upper

65 100

92 74.9 58.6 88.0

138 123.8 94.1 141.1





#49

Acenaphthylene

Concen: 47.334 ng

RT: 9.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

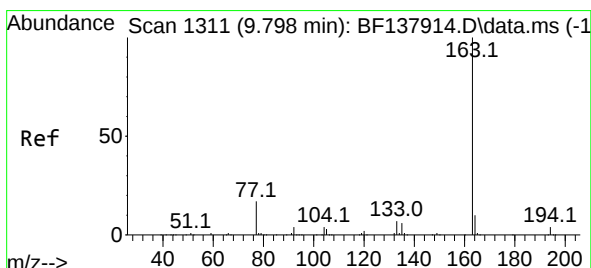
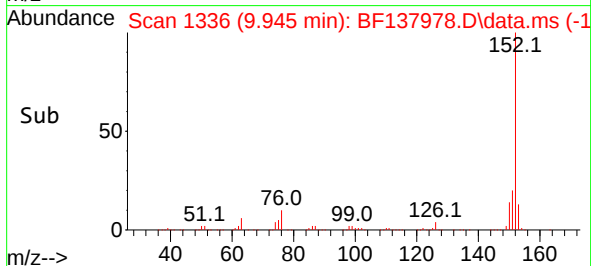
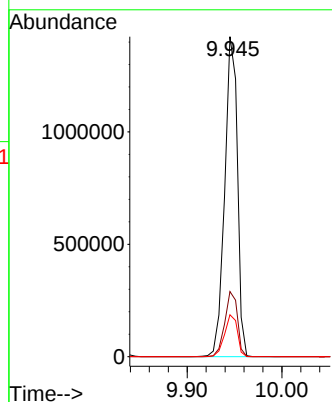
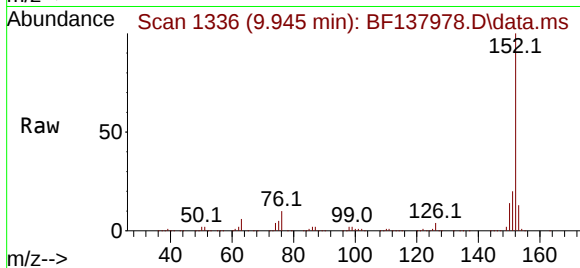
Tgt Ion:152 Resp: 1331138

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 47.295 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

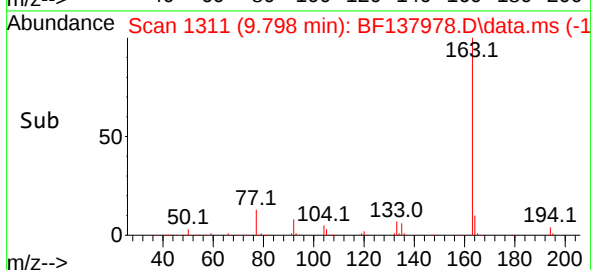
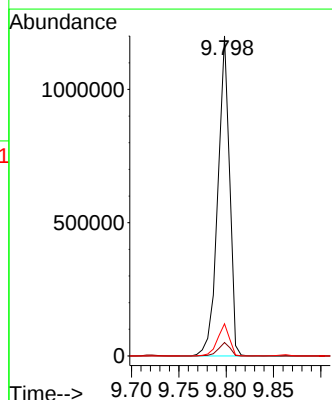
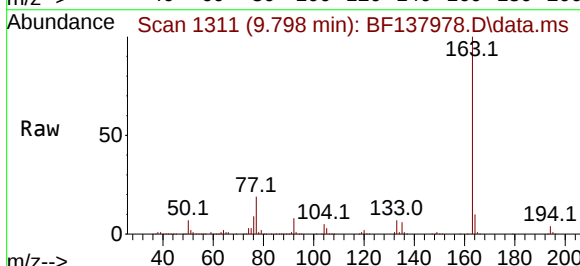
Tgt Ion:163 Resp: 1035990

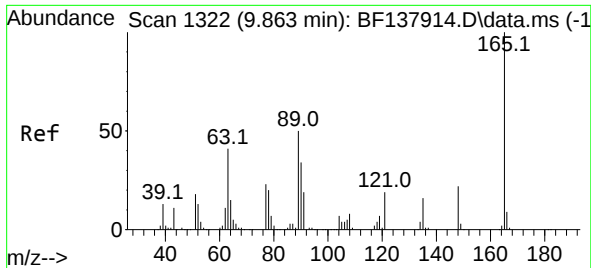
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.0 8.0 12.0

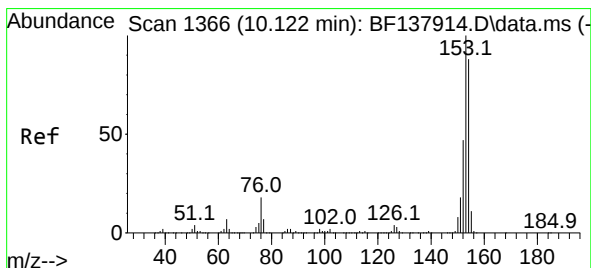
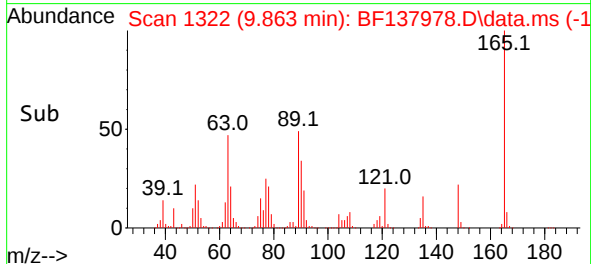
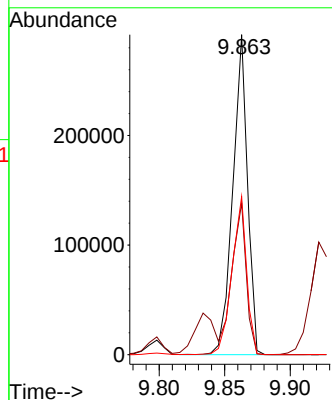
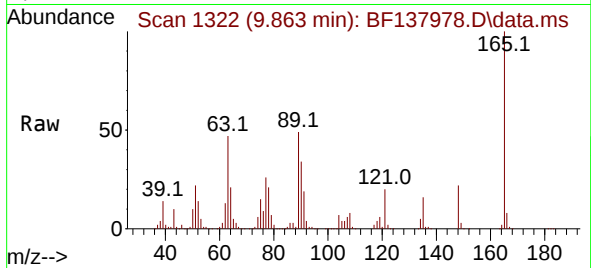




#51
2,6-Dinitrotoluene
Concen: 45.325 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

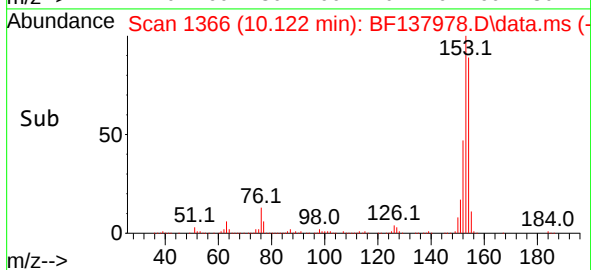
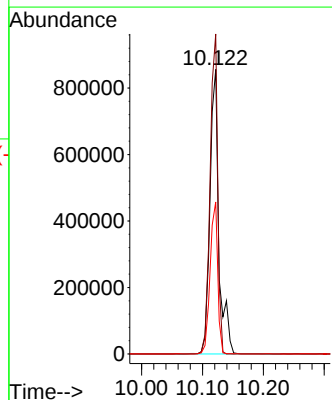
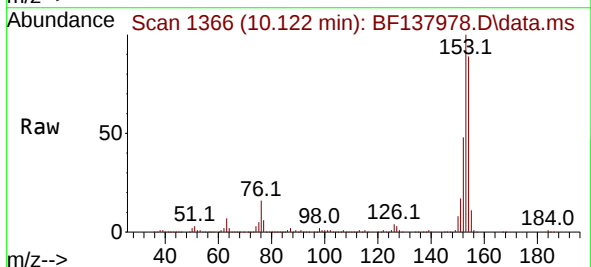
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

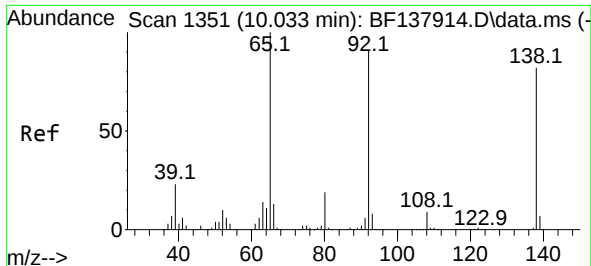
Tgt Ion:165 Resp: 227873
Ion Ratio Lower Upper
165 100
63 47.4 38.9 58.3
89 49.4 40.4 60.6



#52
Acenaphthene
Concen: 47.069 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:154 Resp: 874874
Ion Ratio Lower Upper
154 100
153 112.5 90.4 135.6
152 53.5 42.3 63.5

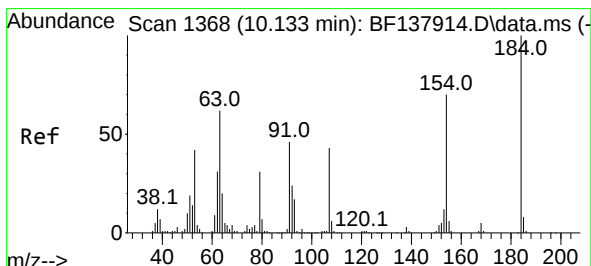
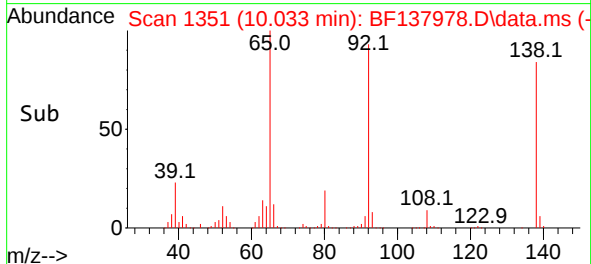
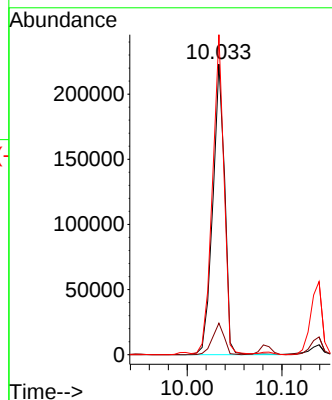
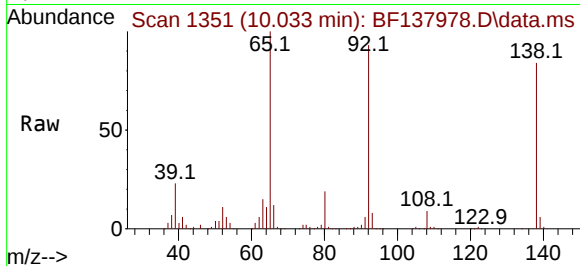




#53
3-Nitroaniline
Concen: 39.334 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

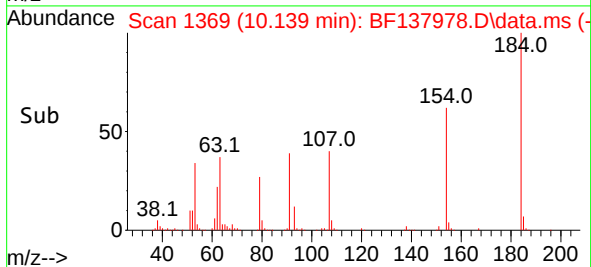
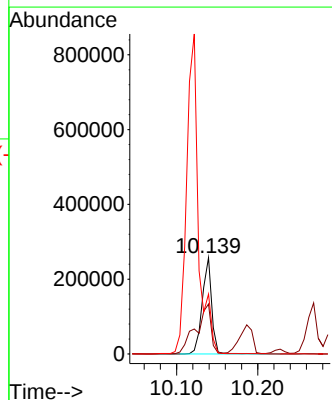
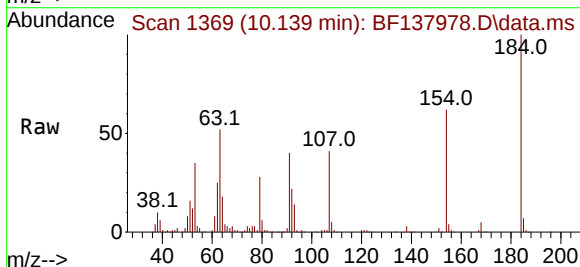
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

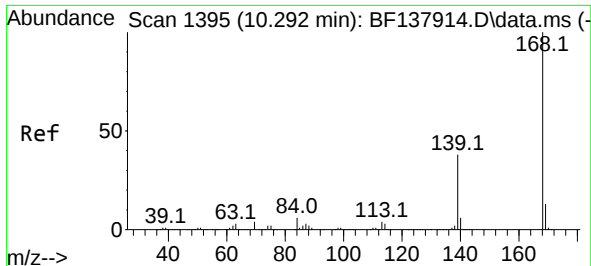
Tgt Ion:138 Resp: 193326
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 110.1 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 77.325 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:184 Resp: 209327
Ion Ratio Lower Upper
184 100
63 51.9 50.4 75.6
154 62.1 63.7 95.5#

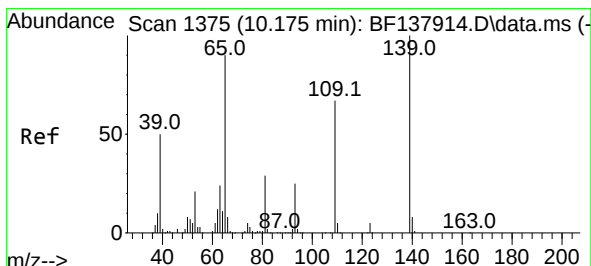
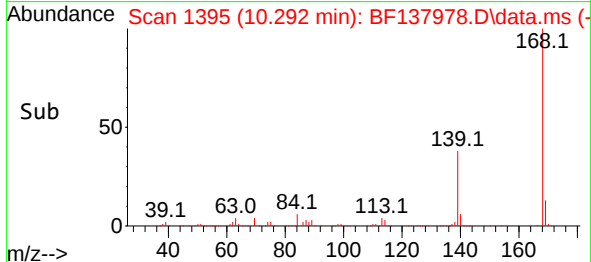
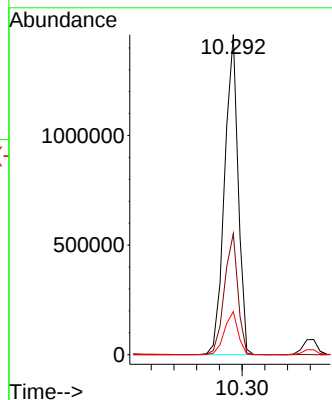
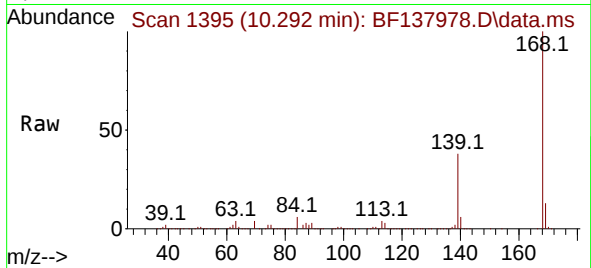




#55
Dibenzofuran
Concen: 44.951 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

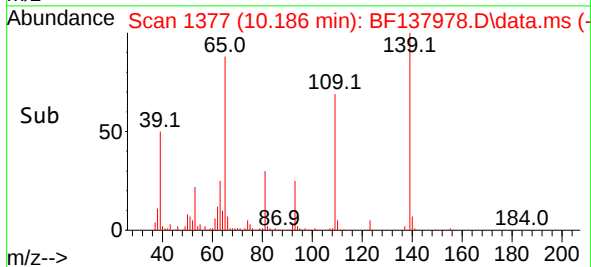
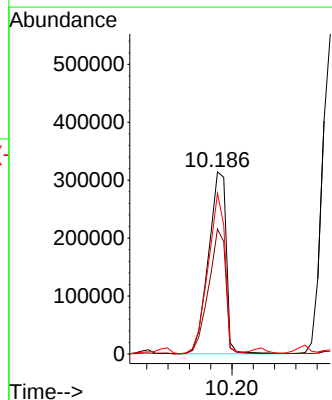
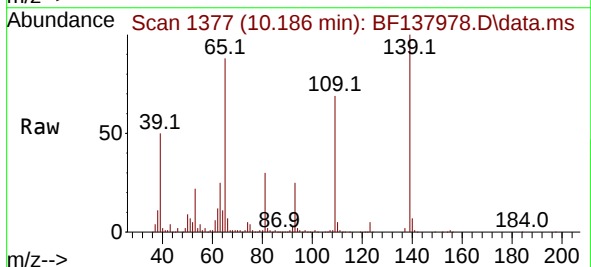
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

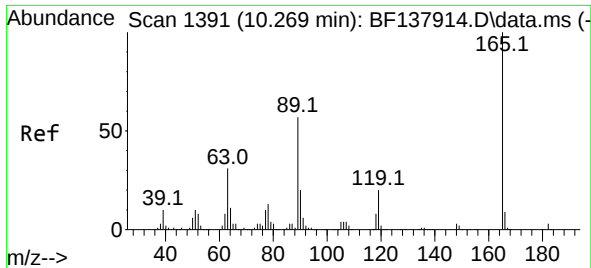
Tgt Ion:168 Resp: 1215951
Ion Ratio Lower Upper
168 100
139 37.8 30.4 45.6
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 103.152 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:139 Resp: 364133
Ion Ratio Lower Upper
139 100
109 68.5 46.5 86.5
65 88.2 70.4 110.4

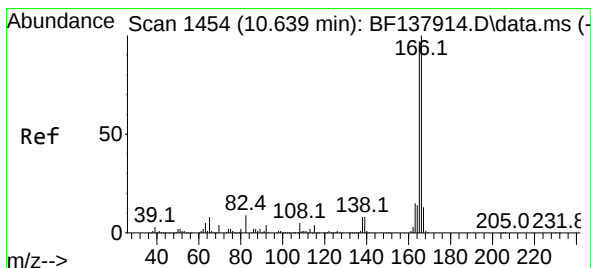
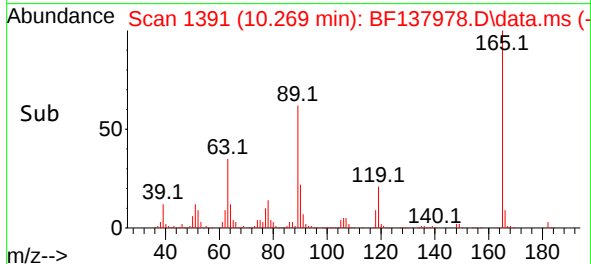
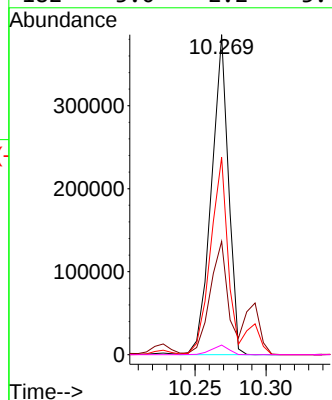
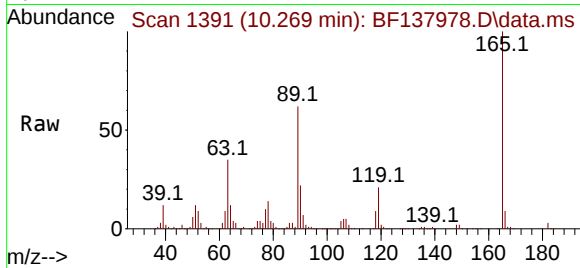




#57
2,4-Dinitrotoluene
Concen: 49.256 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

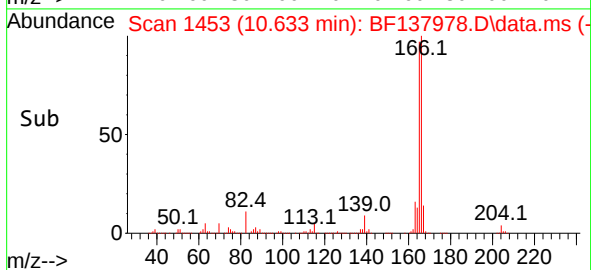
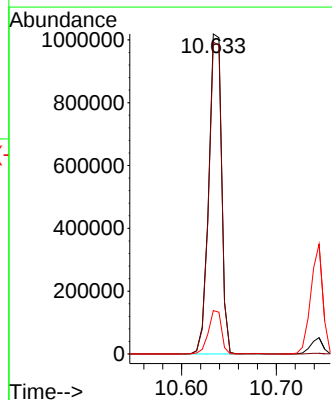
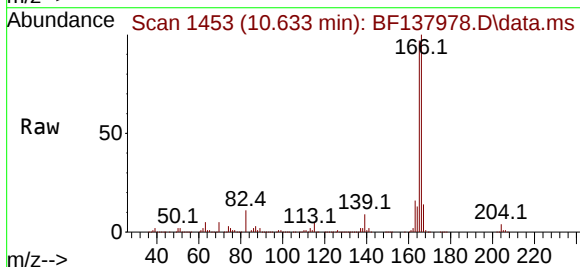
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

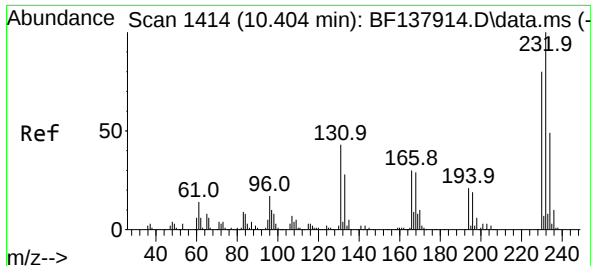
Tgt Ion:165 Resp: 320138
Ion Ratio Lower Upper
165 100
63 35.4 25.3 37.9
89 61.6 45.9 68.9
182 3.0 2.2 3.4



#58
Fluorene
Concen: 44.840 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:166 Resp: 959397
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.8
167 13.6 10.4 15.6

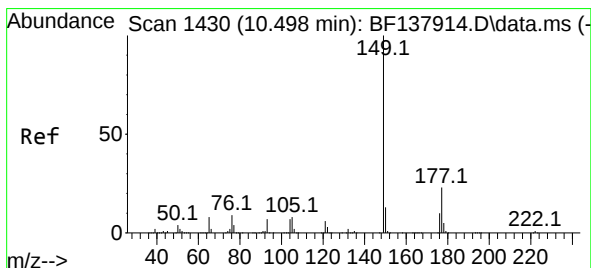
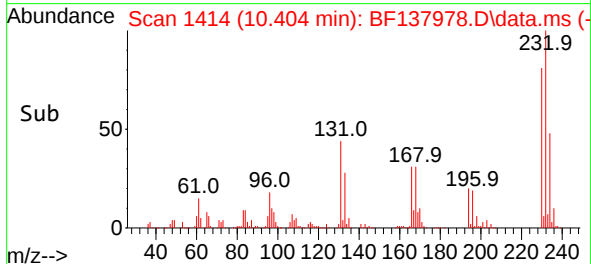
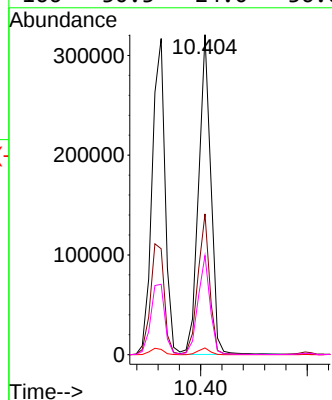
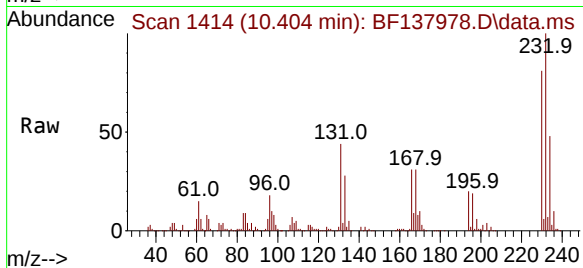




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.003 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

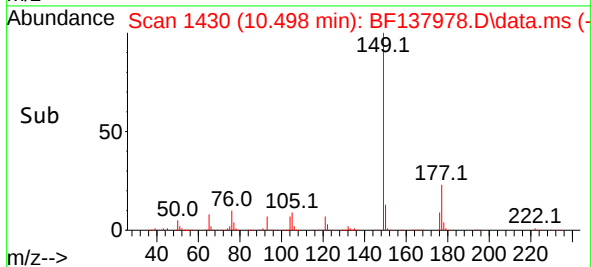
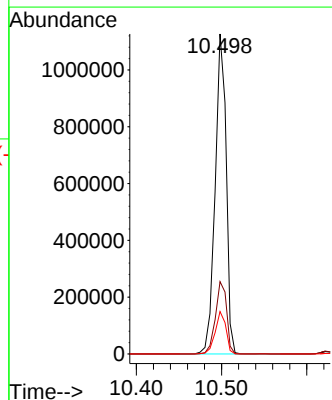
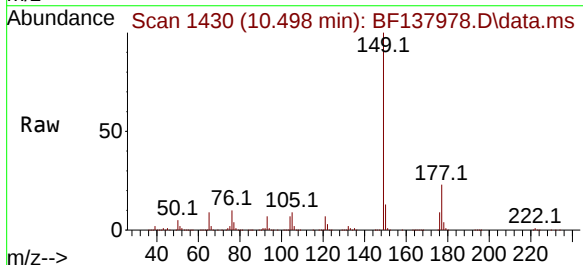
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

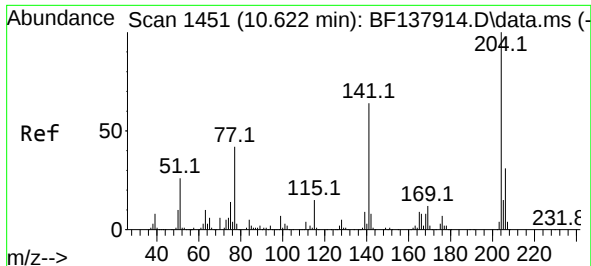
Tgt Ion:232 Resp: 256925
Ion Ratio Lower Upper
232 100
131 42.3 34.4 51.6
130 2.0 1.7 2.5
166 30.3 24.0 36.0



#60
Diethylphthalate
Concen: 49.528 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:149 Resp: 1013236
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 13.2 10.1 15.1

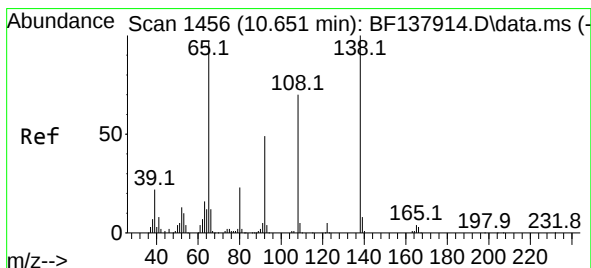
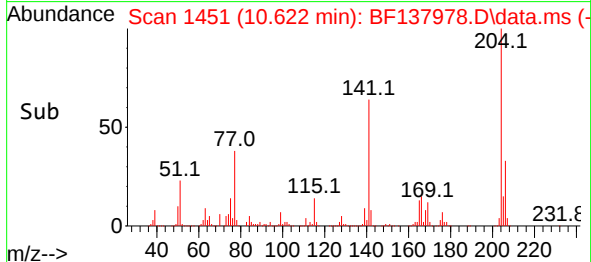
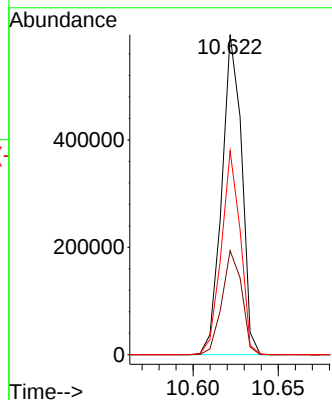
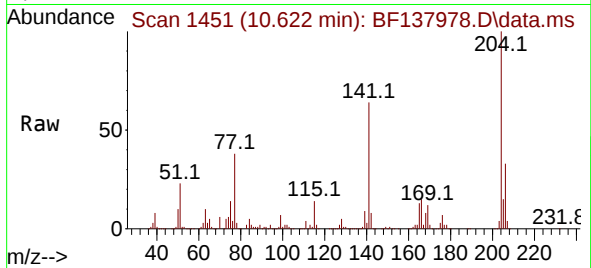




#61
4-Chlorophenyl-phenylether
Concen: 45.782 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

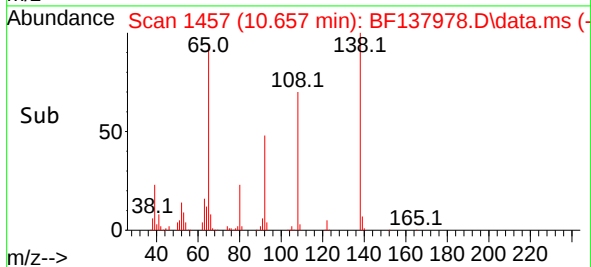
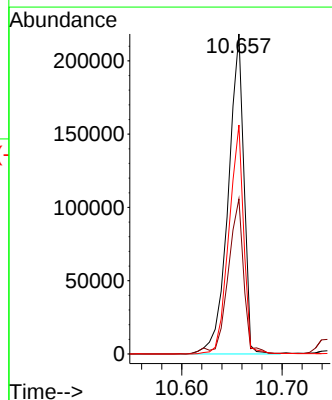
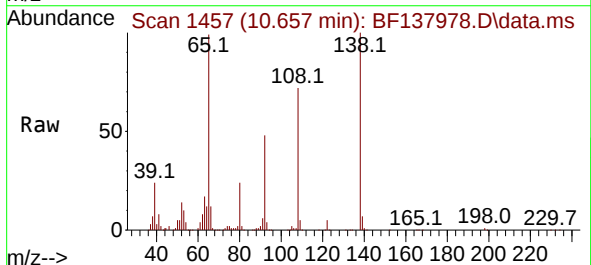
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

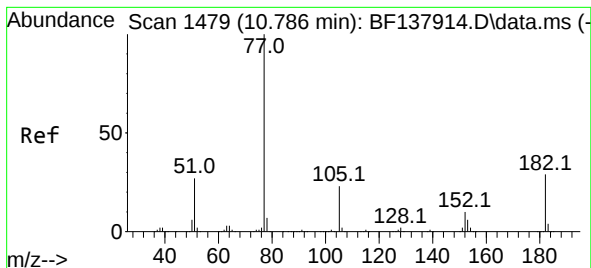
Tgt Ion:204 Resp: 483068
Ion Ratio Lower Upper
204 100
206 32.5 25.1 37.7
141 63.7 51.0 76.6



#62
4-Nitroaniline
Concen: 50.772 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:138 Resp: 236681
Ion Ratio Lower Upper
138 100
92 48.4 29.0 69.0
108 71.5 49.7 89.7





#63

Azobenzene

Concen: 47.791 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

Tgt Ion: 77 Resp: 889312

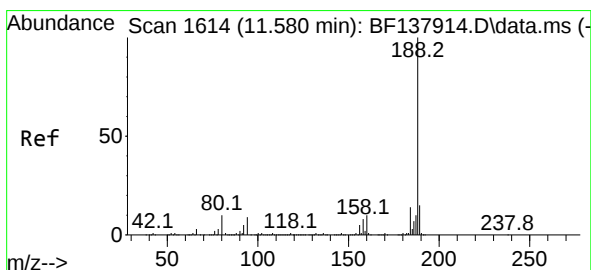
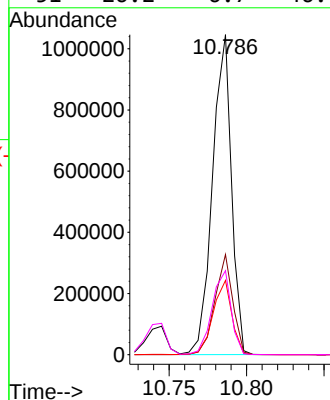
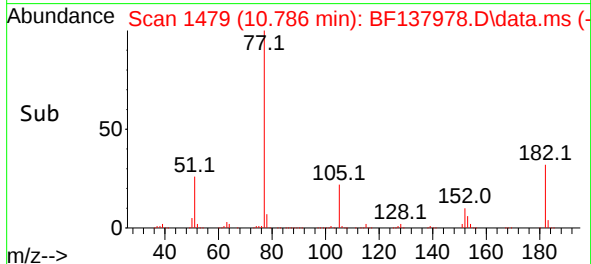
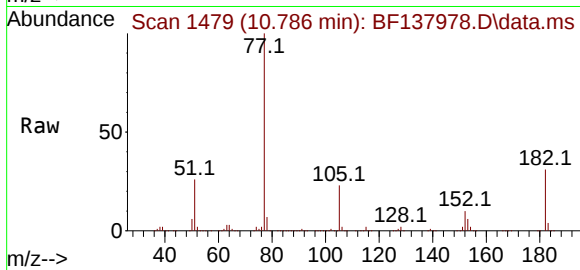
Ion Ratio Lower Upper

77 100

182 31.3 9.2 49.2

105 23.2 3.1 43.1

51 26.2 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

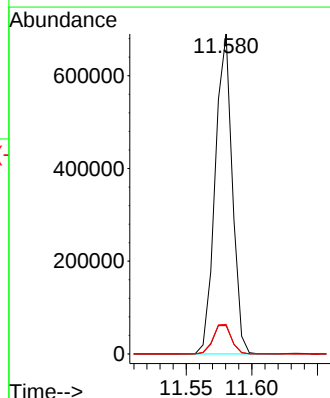
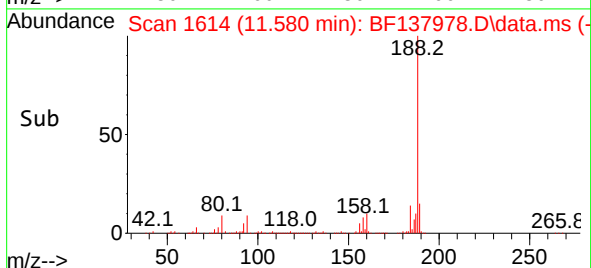
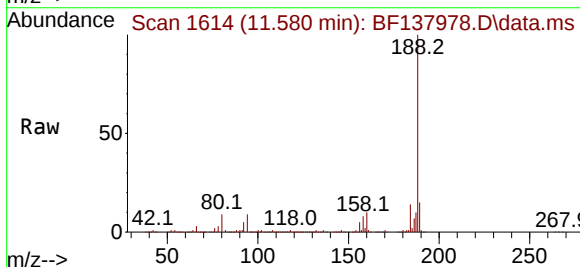
Tgt Ion: 188 Resp: 624801

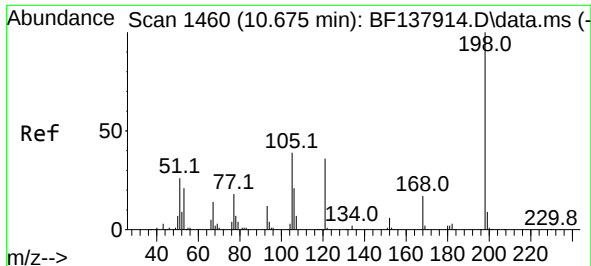
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.3 7.7 11.5

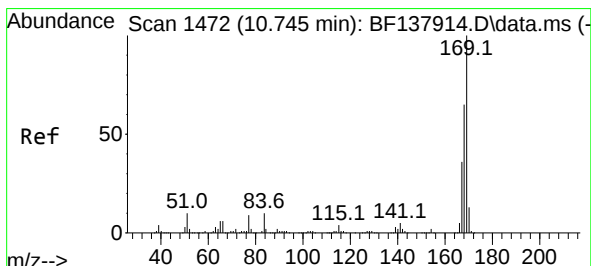
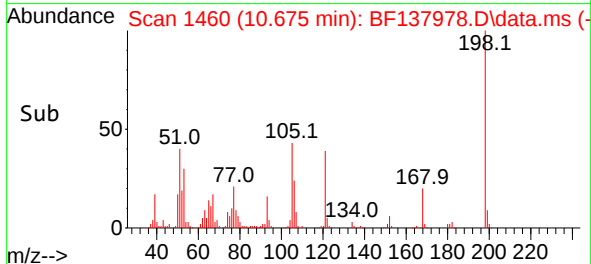
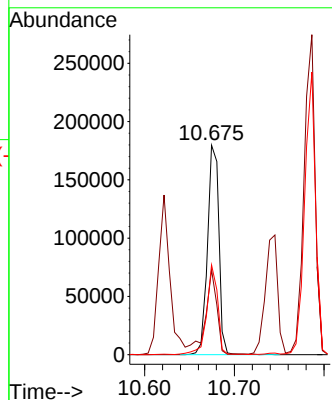
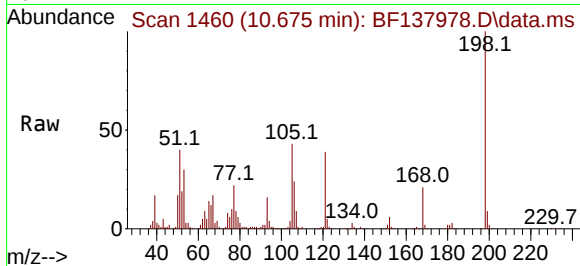




#65
4,6-Dinitro-2-methylphenol
Concen: 43.849 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

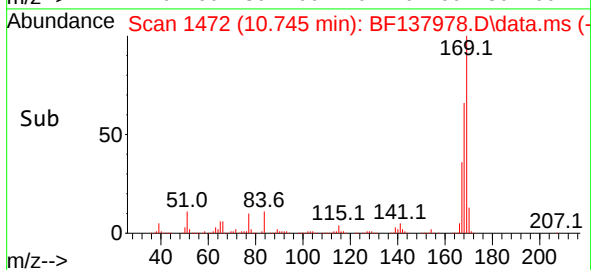
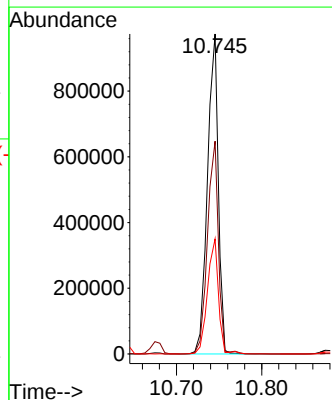
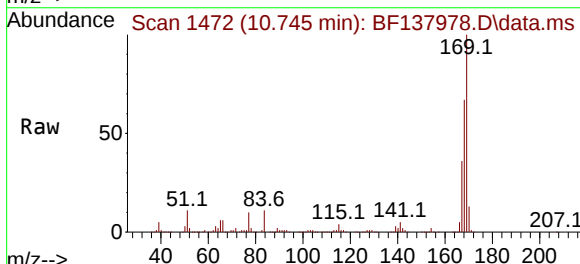
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

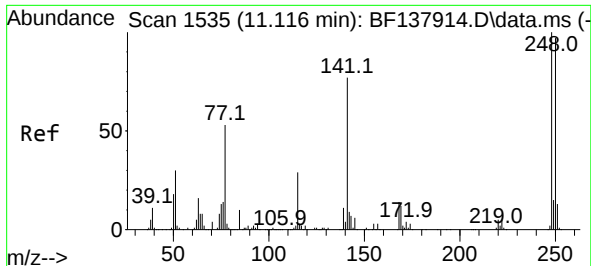
Tgt Ion:198 Resp: 158190
Ion Ratio Lower Upper
198 100
51 40.4 13.8 53.8
105 42.8 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 44.800 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:169 Resp: 858397
Ion Ratio Lower Upper
169 100
168 66.5 52.4 78.6
167 35.9 28.9 43.3

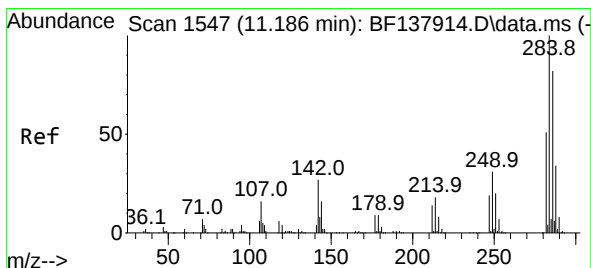
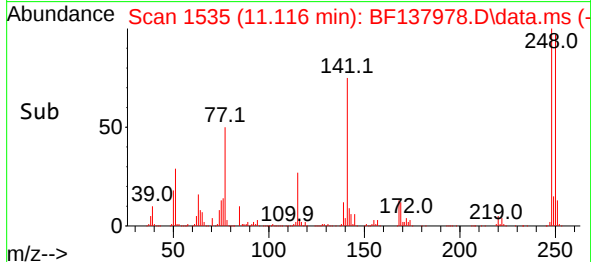
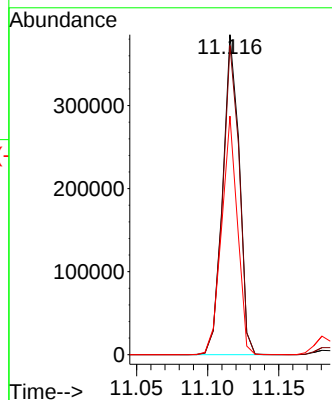
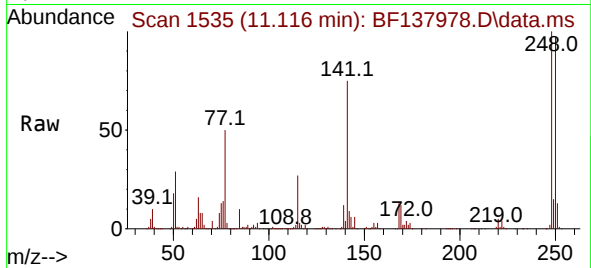




#67
4-Bromophenyl-phenylether
Concen: 45.354 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

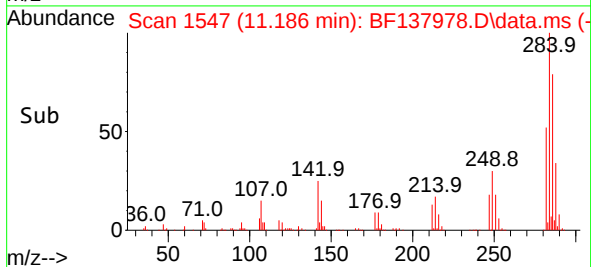
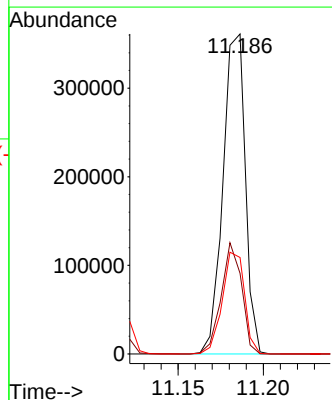
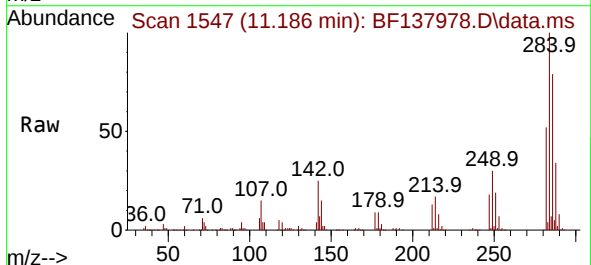
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

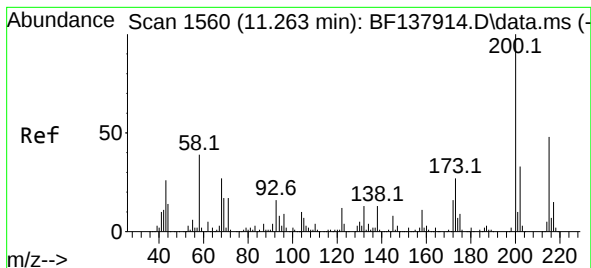
Tgt Ion:248 Resp: 310656
Ion Ratio Lower Upper
248 100
250 96.7 77.6 116.4
141 74.6 61.4 92.2



#68
Hexachlorobenzene
Concen: 43.543 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:284 Resp: 329687
Ion Ratio Lower Upper
284 100
142 25.2 21.3 31.9
249 30.1 24.6 37.0





#69

Atrazine

Concen: 58.280 ng

RT: 11.269 min Scan# 1560

Delta R.T. 0.006 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

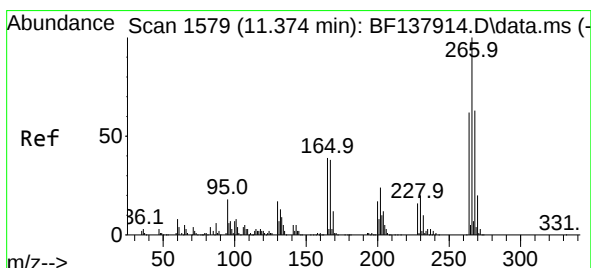
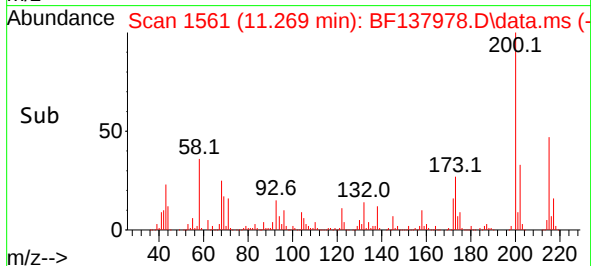
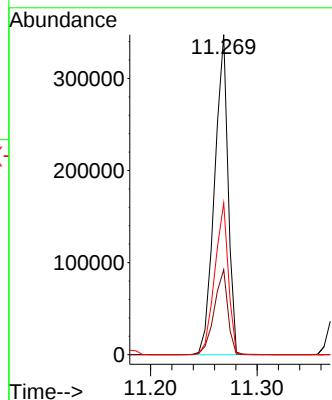
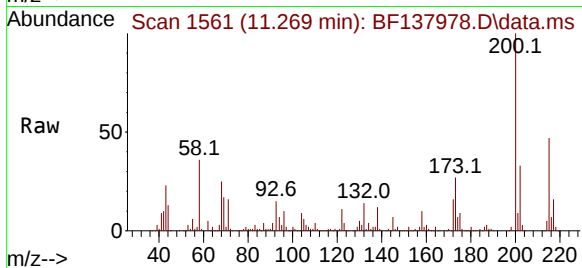
Tgt Ion:200 Resp: 304930

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 47.4 27.5 67.5



#70

Pentachlorophenol

Concen: 86.215 ng

RT: 11.375 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

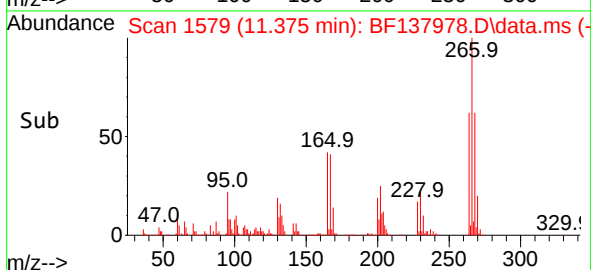
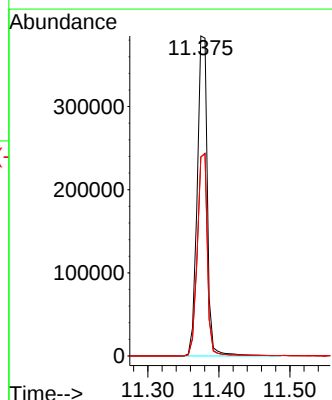
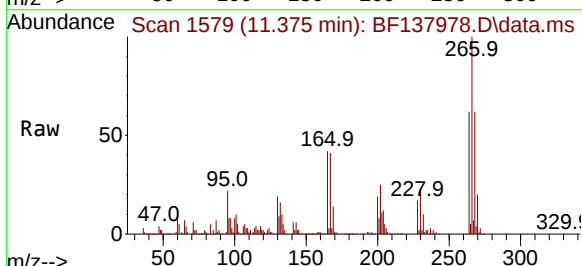
Tgt Ion:266 Resp: 382371

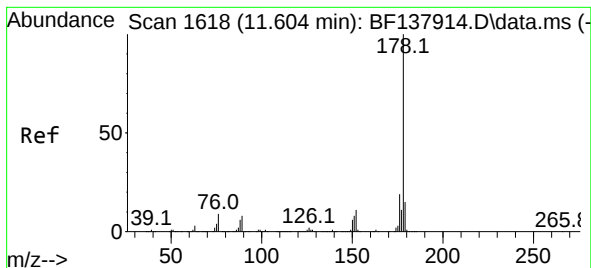
Ion Ratio Lower Upper

266 100

268 62.2 50.1 75.1

264 62.2 49.4 74.2





#71

Phenanthrene

Concen: 44.351 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

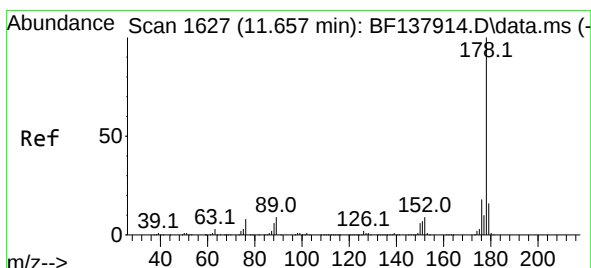
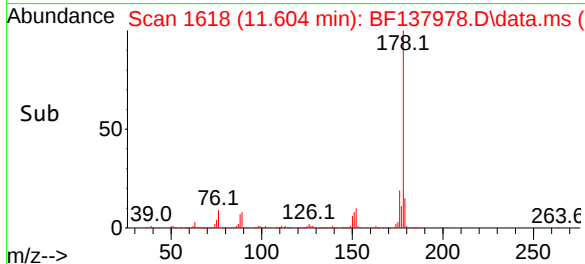
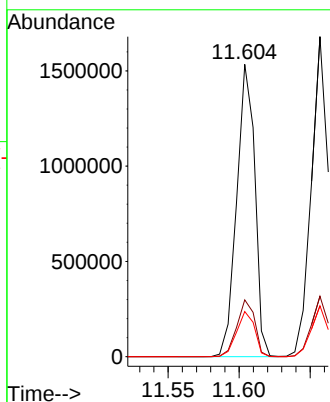
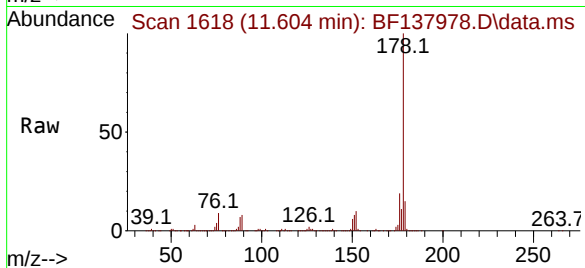
Tgt Ion:178 Resp: 1365543

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 45.227 ng

RT: 11.657 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

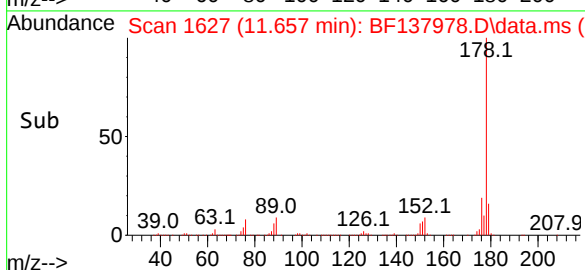
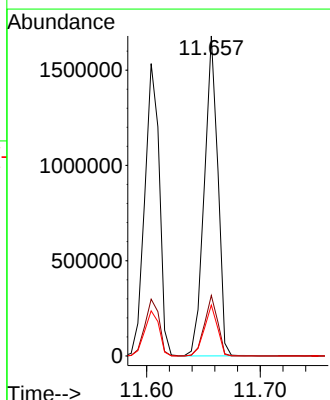
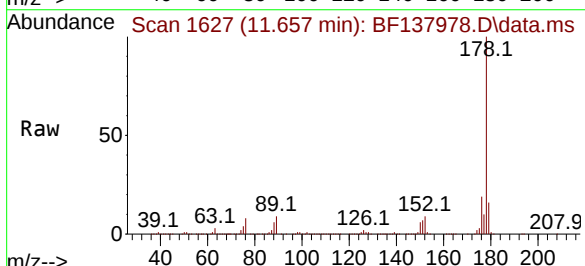
Tgt Ion:178 Resp: 1381642

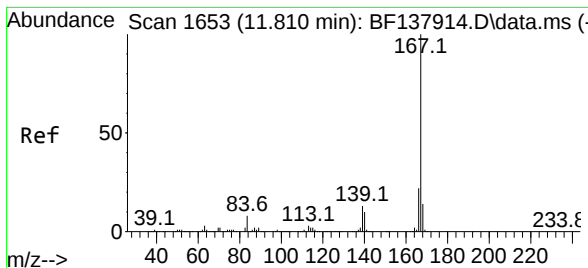
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 15.9 12.4 18.6





#73

Carbazole

Concen: 44.648 ng

RT: 11.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

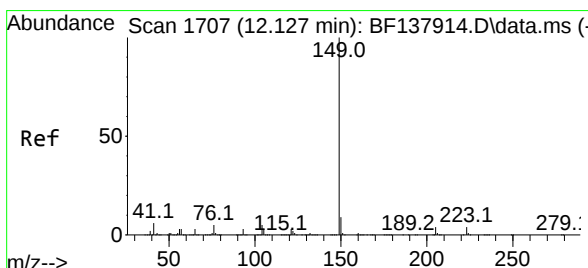
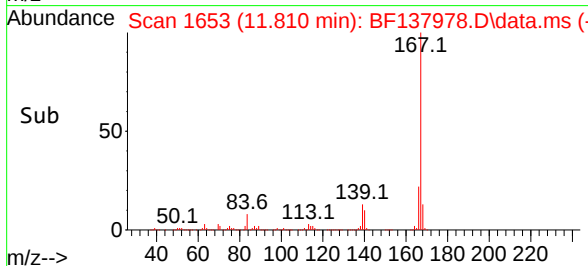
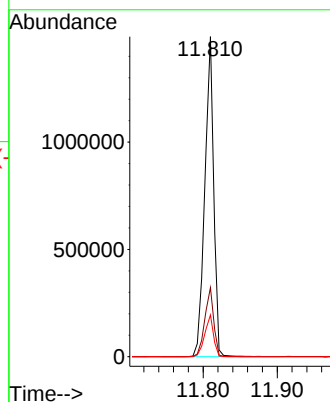
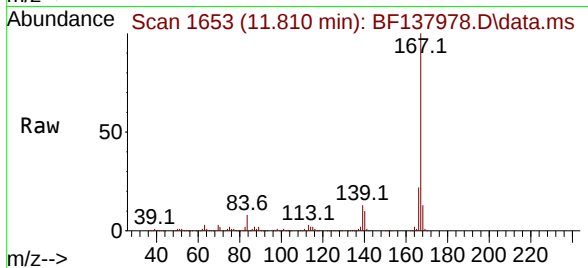
Tgt Ion:167 Resp: 1245952

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 52.228 ng

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

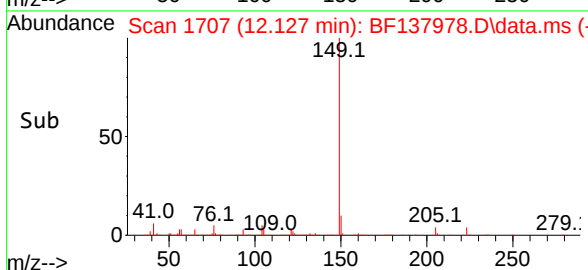
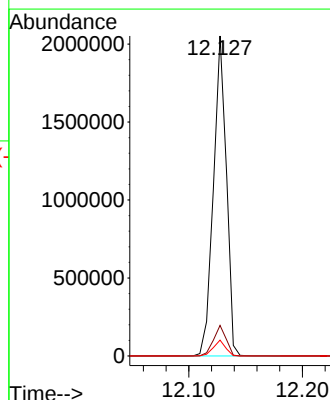
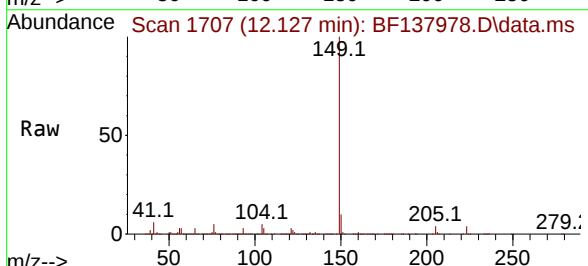
Tgt Ion:149 Resp: 1617502

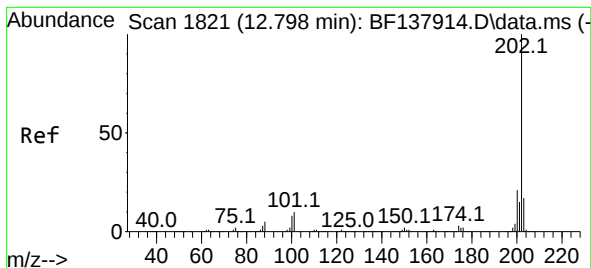
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 4.9 3.6 5.4

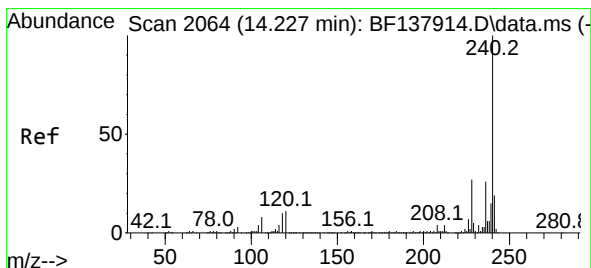
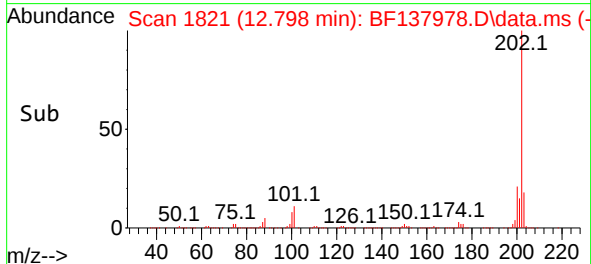
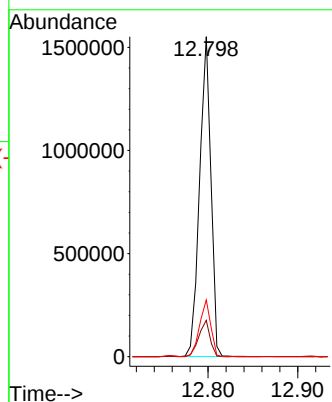
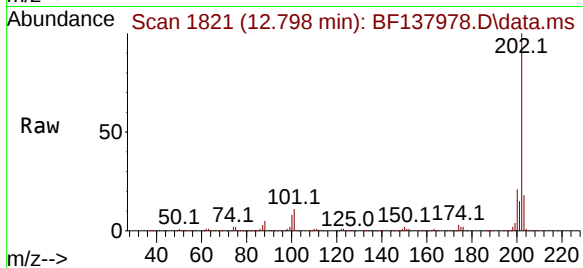




#75
Fluoranthene
Concen: 43.373 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

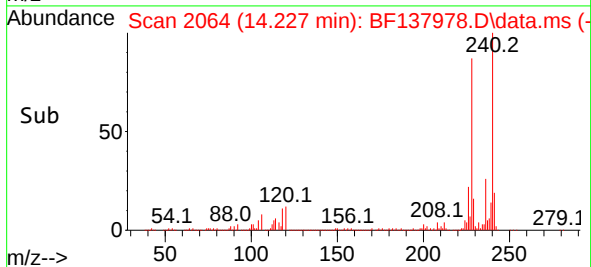
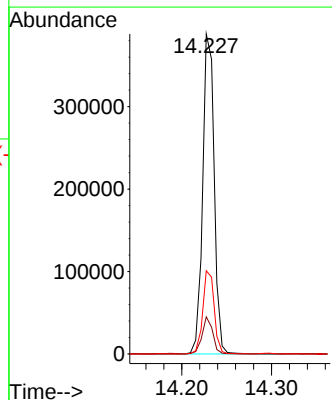
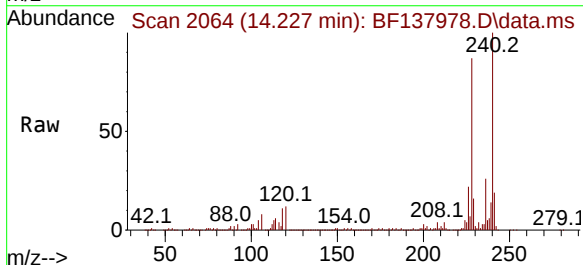
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

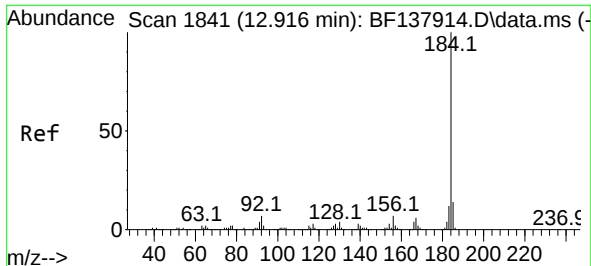
Tgt Ion:202 Resp: 1355507
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.5
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:240 Resp: 346473
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.0 21.0 31.4

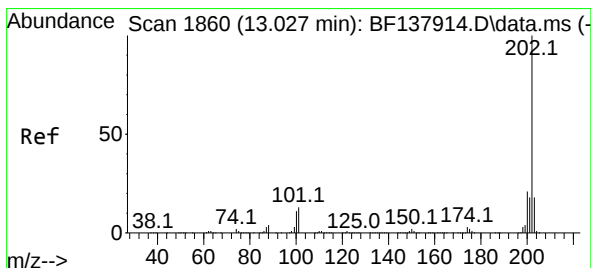
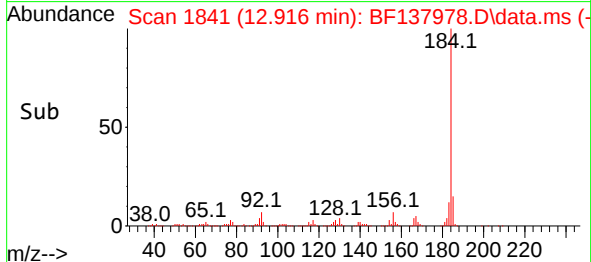
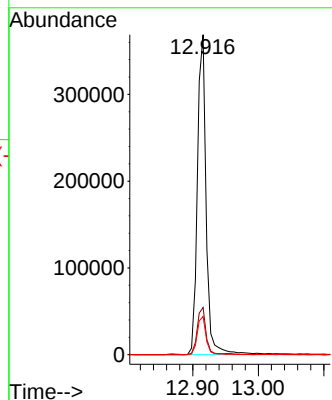
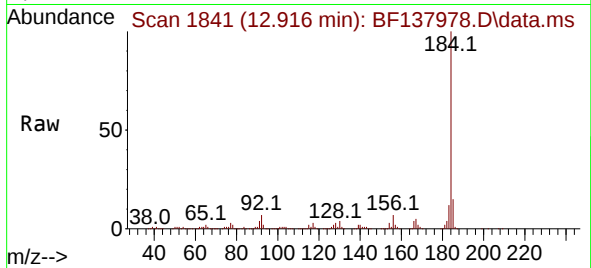




#77
Benzidine
Concen: 76.125 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

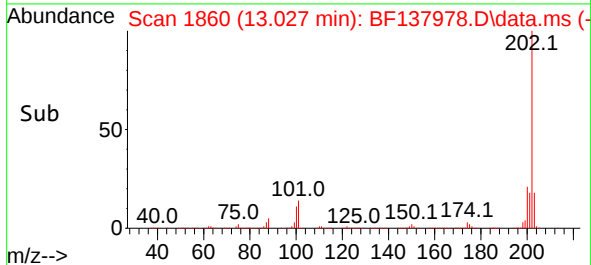
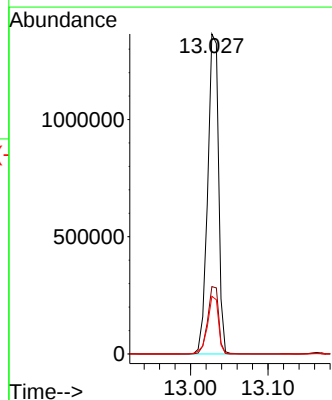
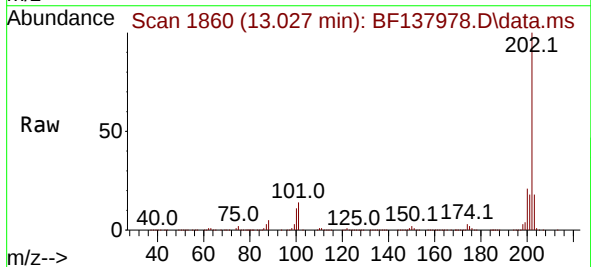
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

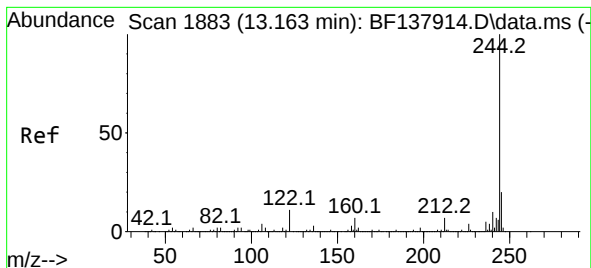
Tgt Ion:184 Resp: 344694
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.2
183 12.0 9.5 14.3



#78
Pyrene
Concen: 43.837 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:202 Resp: 1328440
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 68.474 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

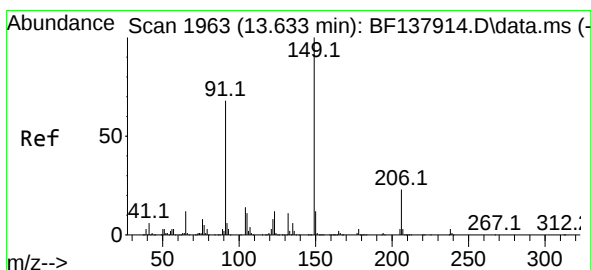
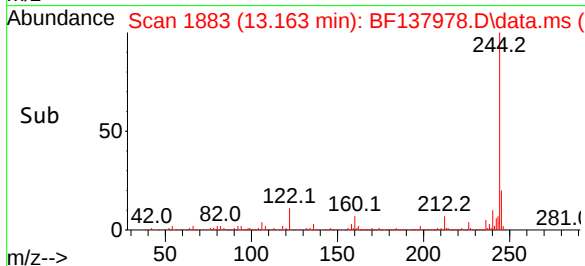
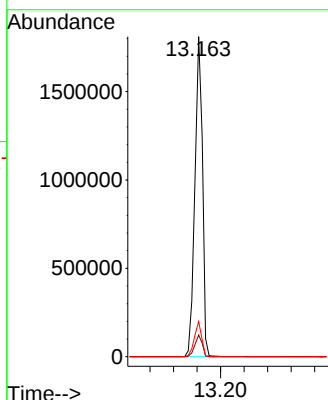
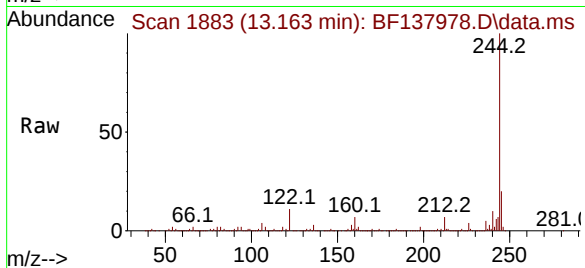
Tgt Ion:244 Resp: 1609738

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 61.941 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

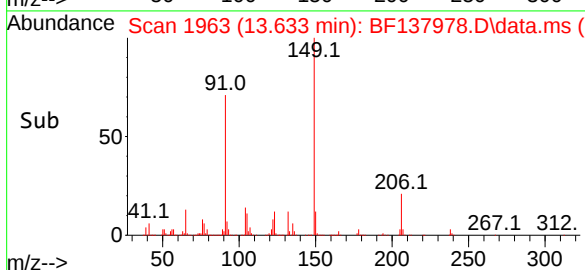
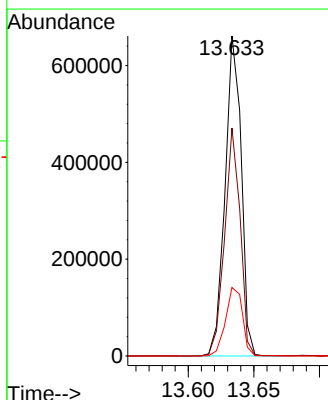
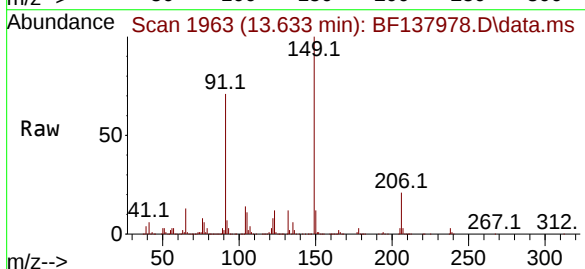
Tgt Ion:149 Resp: 566176

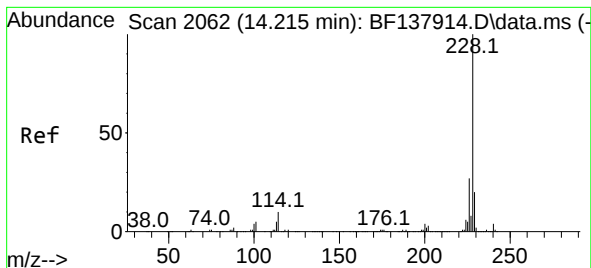
Ion Ratio Lower Upper

149 100

91 71.3 54.2 81.4

206 21.4 18.1 27.1





#81

Benzo(a)anthracene

Concen: 47.337 ng

RT: 14.221 min Scan# 2063

Delta R.T. 0.006 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

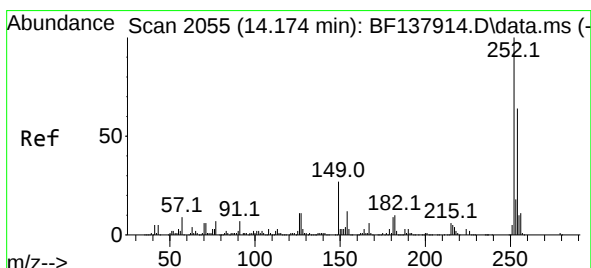
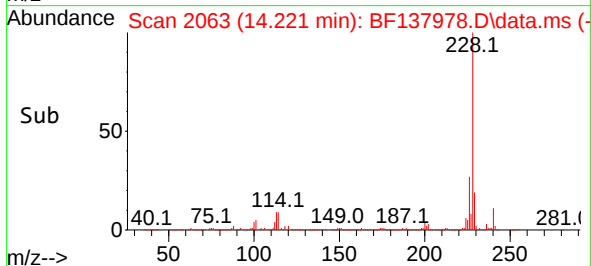
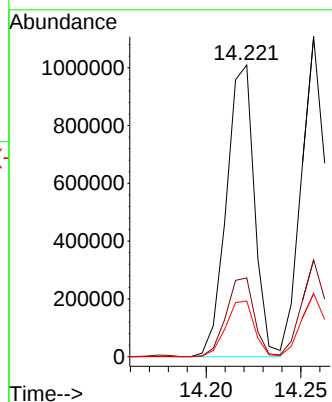
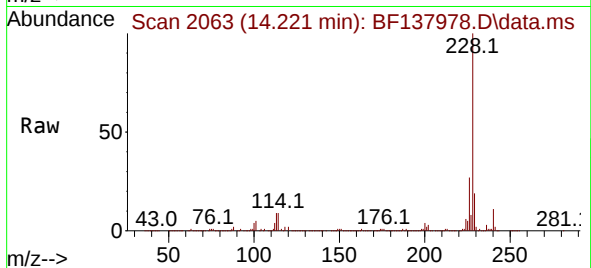
Tgt Ion:228 Resp: 1037639

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

229 19.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 44.031 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

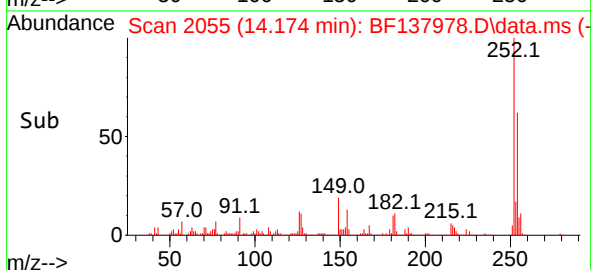
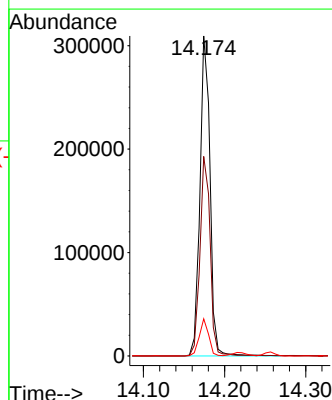
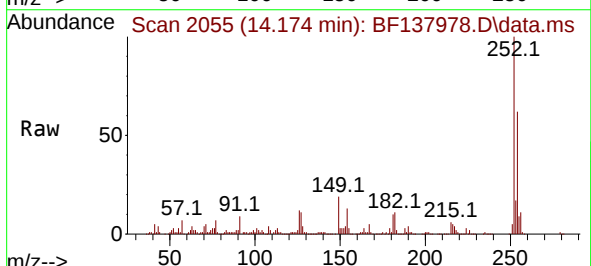
Tgt Ion:252 Resp: 267476

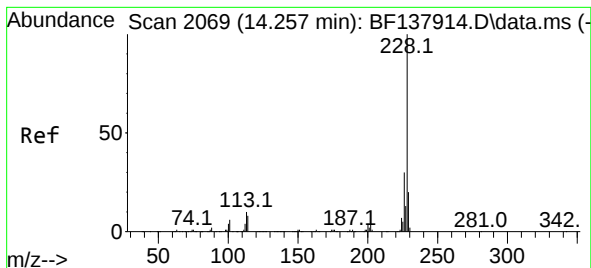
Ion Ratio Lower Upper

252 100

254 62.4 51.2 76.8

126 11.6 8.7 13.1





#83

Chrysene

Concen: 45.676 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS

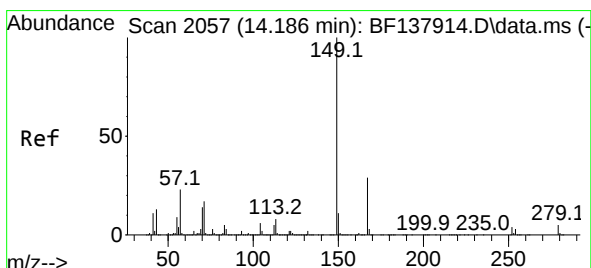
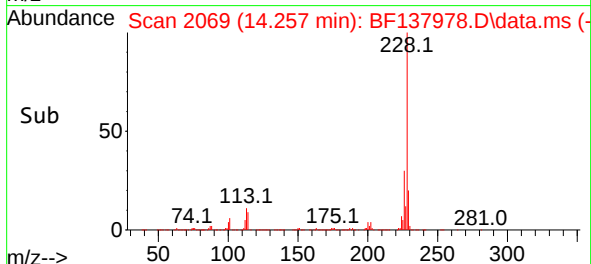
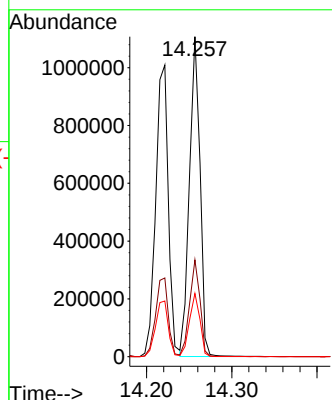
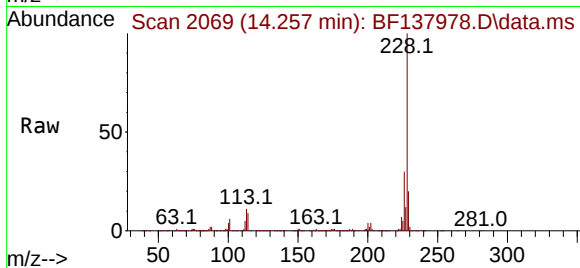
Tgt Ion:228 Resp: 957549

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 68.983 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

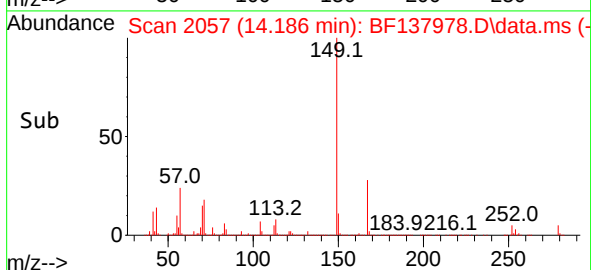
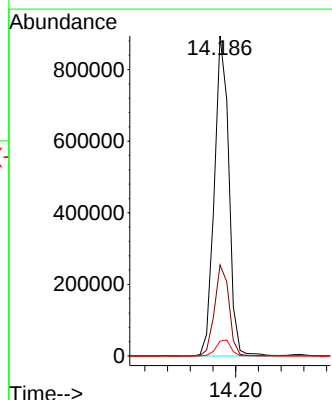
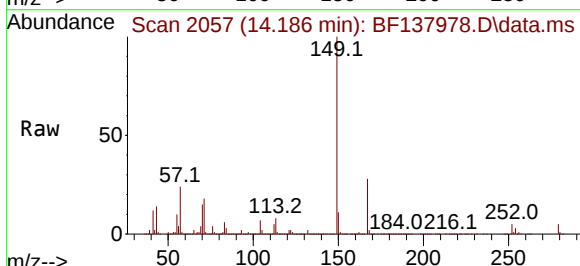
Tgt Ion:149 Resp: 792626

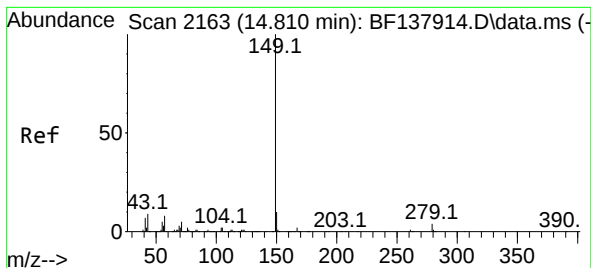
Ion Ratio Lower Upper

149 100

167 28.5 23.2 34.8

279 4.6 4.1 6.1

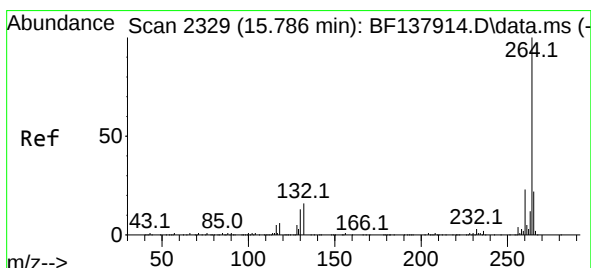
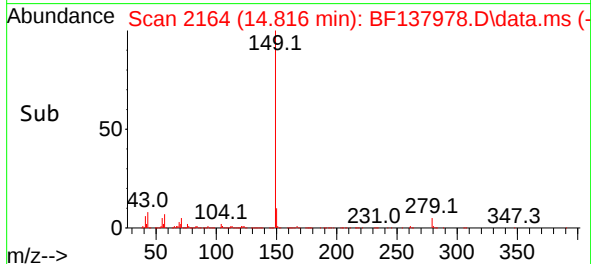
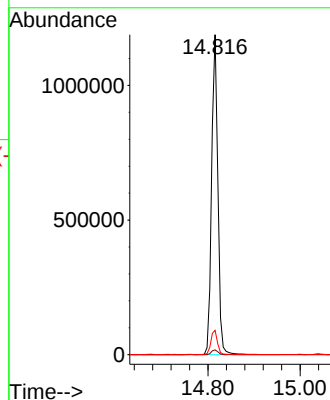
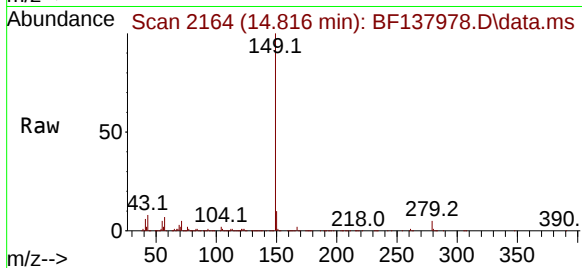




#85
Di-n-octyl phthalate
Concen: 72.367 ng
RT: 14.816 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

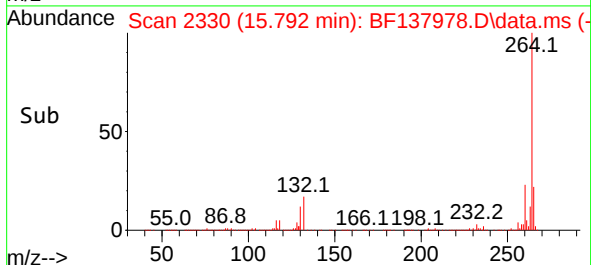
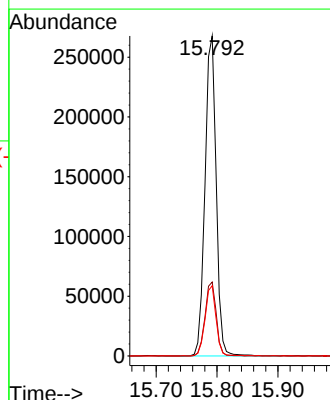
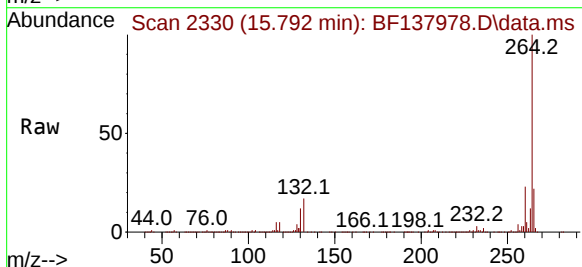
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

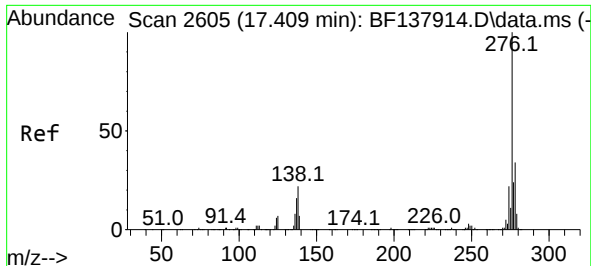
Tgt Ion:149 Resp: 1123319
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 7.9 6.6 9.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.792 min Scan# 2330
Delta R.T. 0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:264 Resp: 341300
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 22.0 17.6 26.4

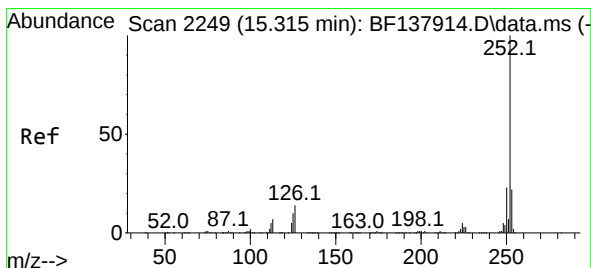
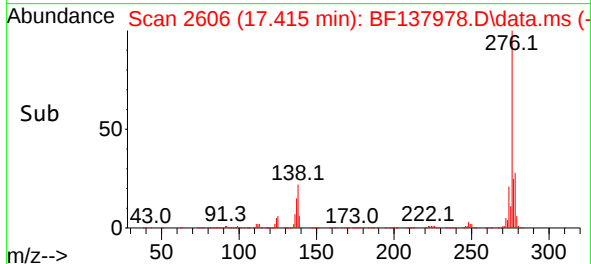
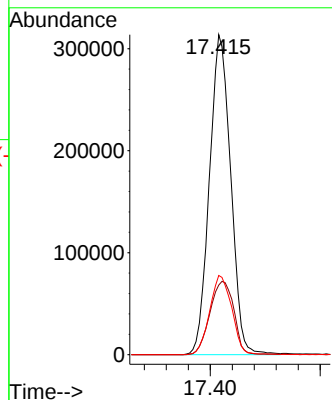
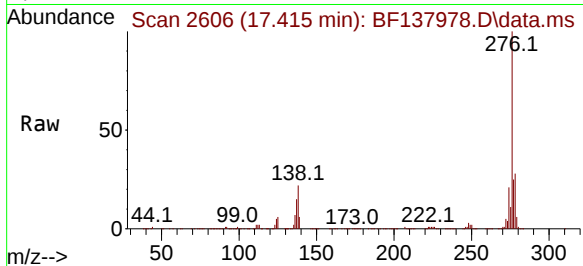




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.489 ng
 RT: 17.415 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF137978.D
 Acq: 21 May 2024 15:08

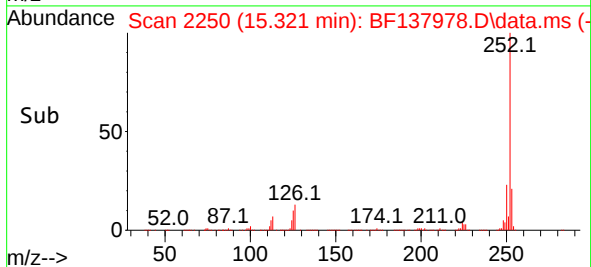
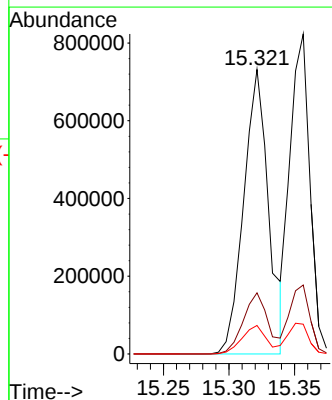
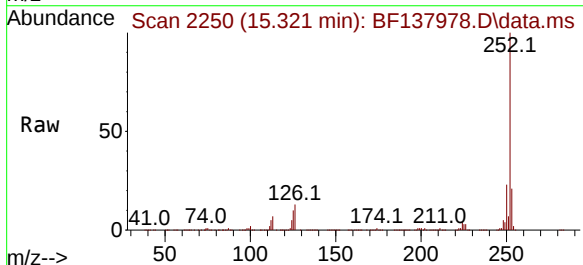
Instrument :
 BNA_F
 ClientSampleId :
 B-112-SB02MS

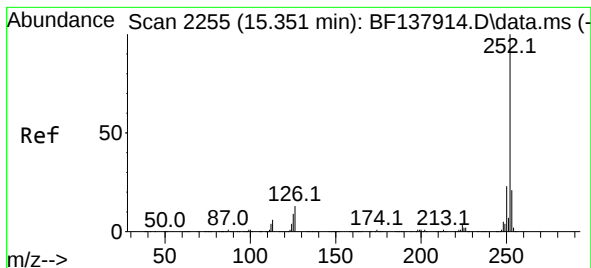
Tgt Ion:276 Resp: 843973
 Ion Ratio Lower Upper
 276 100
 138 25.8 20.6 30.8
 277 25.8 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 48.939 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.006 min
 Lab File: BF137978.D
 Acq: 21 May 2024 15:08

Tgt Ion:252 Resp: 967113
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.6 26.4
 125 10.0 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 44.794 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137978.D

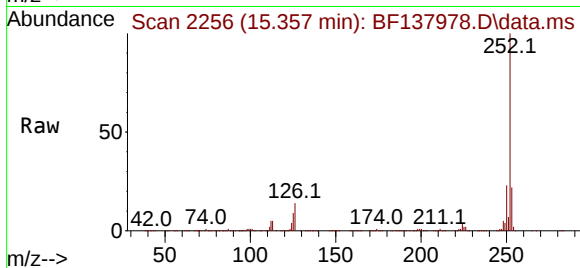
Acq: 21 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MS



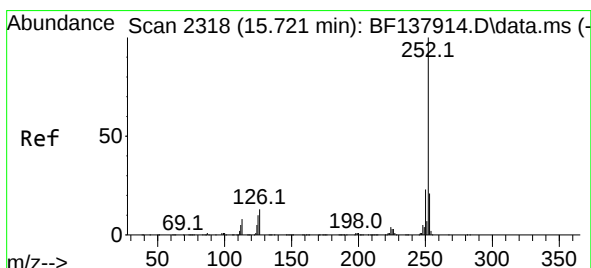
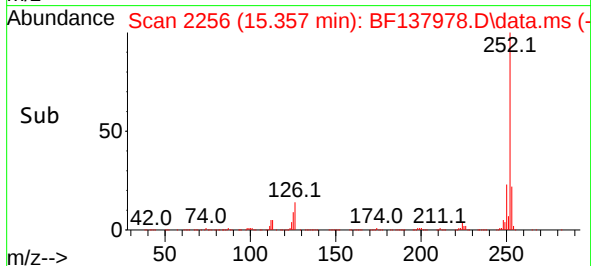
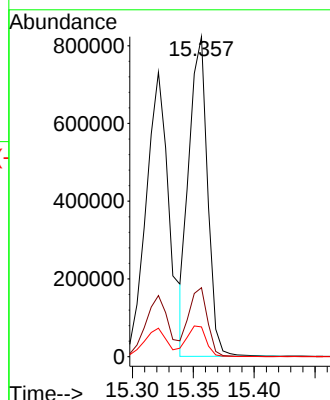
Tgt Ion:252 Resp: 869616

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.3 7.7 11.5



#90

Benzo(a)pyrene

Concen: 49.335 ng

RT: 15.727 min Scan# 2319

Delta R.T. 0.006 min

Lab File: BF137978.D

Acq: 21 May 2024 15:08

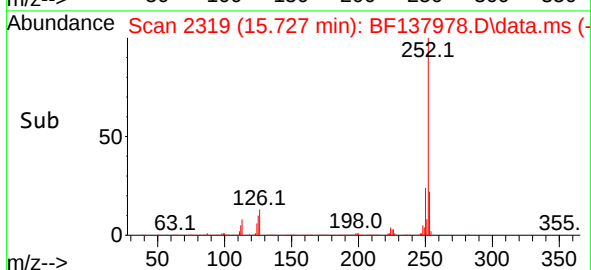
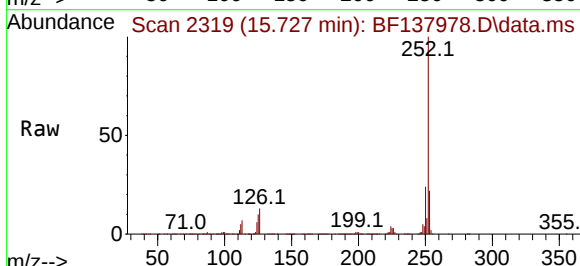
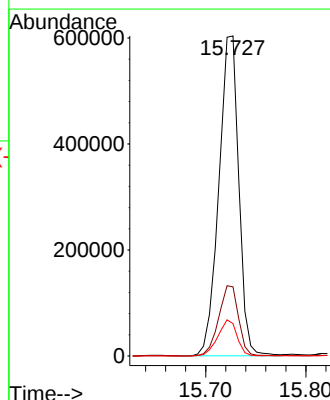
Tgt Ion:252 Resp: 832502

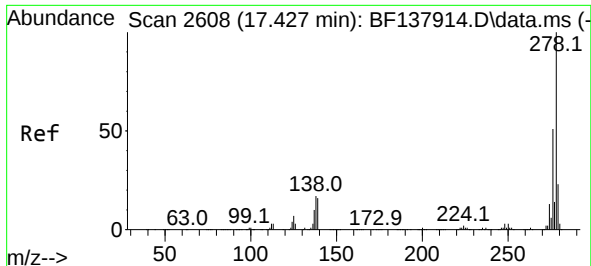
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 10.1 7.8 11.8

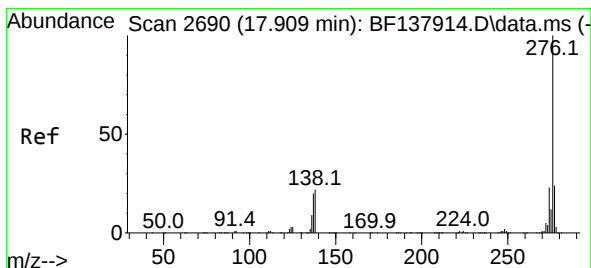
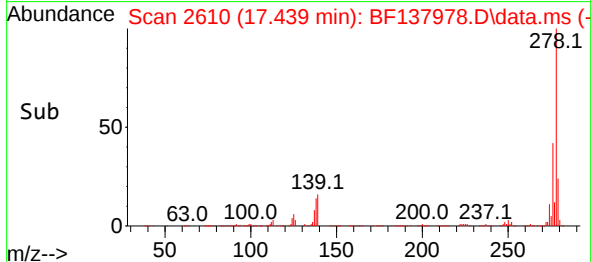
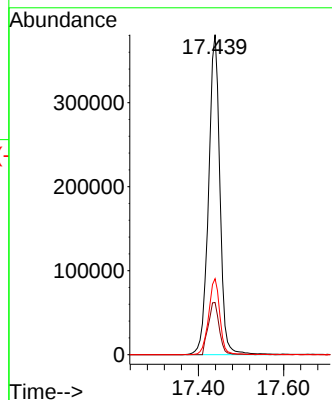
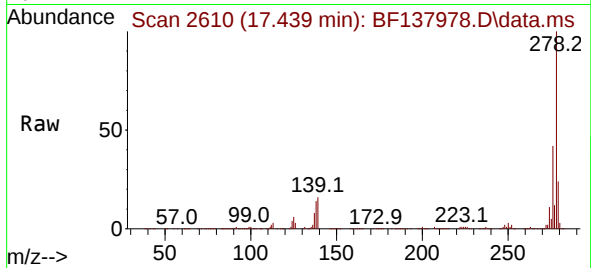




#91
Dibenzo(a,h)anthracene
Concen: 38.867 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

Tgt Ion:278 Resp: 704143
Ion Ratio Lower Upper
278 100
139 16.3 13.1 19.7
279 23.8 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 30.985 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF137978.D
Acq: 21 May 2024 15:08

Tgt Ion:276 Resp: 589698
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 21.3 17.6 26.4

