

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138058.D
 Acq On : 29 May 2024 14:43
 Operator : CG\JU
 Sample : P2560-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXPE2MS

Quant Time: May 29 15:04:22 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	7.040	152	95059	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	330207	20.000	ng	# 0.00
39) Acenaphthene-d10	10.104	164	18847	20.000	ng	# 0.02
64) Phenanthrene-d10	11.622	188	1516	20.000	ng	# 0.04
76) Chrysene-d12	14.304	240	153629	20.000	ng	0.08
86) Perylene-d12	15.804	264	49654	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	610523	109.097	ng	-0.01
7) Phenol-d6	6.657	99	767886	111.391	ng	0.00
23) Nitrobenzene-d5	7.598	82	449314	80.078	ng	-0.01
42) 2,4,6-Tribromophenol	10.945	330	31900	167.865	ng	0.06
45) 2-Fluorobiphenyl	9.410	172	779273	636.909	ng	0.01
79) Terphenyl-d14	13.263	244	41496	3.981	ng	0.10
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	65051	26.833	ng	99
3) Pyridine	3.628	79	165350	30.397	ng	98
6) Aniline	6.698	93	197616	32.050	ng	99
8) 2-Chlorophenol	6.822	128	266290	43.970	ng	98
9) Benzaldehyde	6.587	77	31336	8.402	ng	92
10) Phenol	6.669	94	301919	43.391	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	227634	42.608	ng	96
12) 1,3-Dichlorobenzene	6.981	146	282066	40.255	ng	99
13) 1,4-Dichlorobenzene	7.057	146	288300	40.990	ng	99
14) 1,2-Dichlorobenzene	7.210	146	271944	41.082	ng	97
15) Benzyl Alcohol	7.169	79	205015	44.537	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	281540	42.871	ng	97
17) 2-Methylphenol	7.275	107	209520	43.381	ng	98
18) Hexachloroethane	7.551	117	97353	40.904	ng	96
19) n-Nitroso-di-n-propyla...	7.440	70	170359	43.987	ng	98
20) 3+4-Methylphenols	7.428	107	272412	43.054	ng	97
22) Acetophenone	7.440	105	365560	49.419	ng	# 95
24) Nitrobenzene	7.616	77	250176	43.952	ng	96
25) Isophorone	7.851	82	465202	47.771	ng	# 97
26) 2-Nitrophenol	7.934	139	136880	47.858	ng	97
27) 2,4-Dimethylphenol	7.957	122	188597	51.217	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	271388	45.982	ng	96
29) 2,4-Dichlorophenol	8.175	162	201831	43.587	ng	96
30) 1,2,4-Trichlorobenzene	8.263	180	222006	42.941	ng	99
31) Naphthalene	8.345	128	722685	43.528	ng	99
32) Benzoic acid	8.075	122	148631	47.749	ng	# 82
33) 4-Chloroaniline	8.387	127	144037	26.464	ng	97
34) Hexachlorobutadiene	8.451	225	127555	38.979	ng	97
35) Caprolactam	8.745	113	30115	22.448	ng	# 1
36) 4-Chloro-3-methylphenol	8.892	107	243059	51.600	ng	# 74
37) 2-Methylnaphthalene	9.051	142	143927	13.486	ng	97
38) 1-Methylnaphthalene	9.134	142	426246	40.626	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	189403	369.653	ng	# 87
41) Hexachlorocyclopentadiene	9.210	237	49337	253.412	ng	98
43) 2,4,6-Trichlorophenol	9.345	196	117968	351.147	ng	91
44) 2,4,5-Trichlorophenol	9.345	196	115208	313.414	ng	# 1

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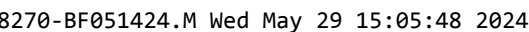
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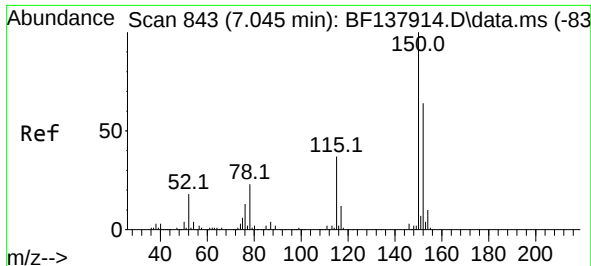
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.516	154	443180	335.258	ng	85
47) 2-Chloronaphthalene	9.545	162	139480	132.180	ng	# 41
48) 2-Nitroaniline	9.663	65	103647	383.568	ng	# 76
49) Acenaphthylene	9.975	152	140079	92.322	ng	# 1
50) Dimethylphthalate	9.834	163	576505	487.796	ng	# 35
51) 2,6-Dinitrotoluene	9.898	165	77807	286.844	ng	# 48
52) Acenaphthene	10.181	154	124624	124.271	ng	# 45
53) 3-Nitroaniline	10.063	138	62323	235.023	ng	# 35
54) 2,4-Dinitrophenol	10.216	184	32909	211.980	ng	# 1
55) Dibenzofuran	10.334	168	170342	116.715	ng	# 1
56) 4-Nitrophenol	10.222	139	85740	450.175	ng	# 1
57) 2,4-Dinitrotoluene	10.304	165	8085	23.056	ng	# 50
58) Fluorene	10.716	166	144571	125.236	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.475	232	196693	681.134	ng	# 41
60) Diethylphthalate	10.575	149	215427	195.172	ng	# 34
61) 4-Chlorophenyl-phenyle...	10.669	204	27562	48.415	ng	# 1
62) 4-Nitroaniline	10.669	138	11723	46.610	ng	# 50
63) Azobenzene	10.816	77	17208	17.140	ng	# 48
65) 4,6-Dinitro-2-methylph...	10.692	198	4992	570.288	ng	# 1
66) n-Nitrosodiphenylamine	10.851	169	259597	5583.807	ng	# 72
67) 4-Bromophenyl-phenylether	11.086	248	1983	119.316	ng	# 1
68) Hexachlorobenzene	11.281	284	10136	551.734	ng	# 1
69) Atrazine	11.328	200	8929	703.339	ng	# 1
70) Pentachlorophenol	11.345	266	53539	4975.184	ng	# 51
71) Phenanthrene	11.828	178	354934	4751.007	ng	# 1
72) Anthracene	11.828	178	366298	4941.754	ng	# 1
73) Carbazole	11.798	167	6727	99.349	ng	# 1
74) Di-n-butylphthalate	12.163	149	19738	262.667	ng	# 15
75) Fluoranthene	12.869	202	12570	165.767	ng	# 1
77) Benzidine	12.992	184	9514	4.739	ng	# 1
78) Pyrene	13.027	202	171021	12.728	ng	# 30
80) Butylbenzylphthalate	13.727	149	305518	75.381	ng	93
81) Benzo(a)anthracene	14.292	228	450282	46.327	ng	99
82) 3,3'-Dichlorobenzidine	14.233	252	151163	56.120	ng	# 98
83) Chrysene	14.327	228	409778	44.083	ng	99
84) Bis(2-ethylhexyl)phtha...	14.222	149	256279	50.302	ng	# 98
85) Di-n-octyl phthalate	14.816	149	249655	36.272	ng	99
87) Indeno(1,2,3-cd)pyrene	17.427	276	168616	52.856	ng	99
88) Benzo(b)fluoranthene	15.339	252	180902	62.923	ng	99
89) Benzo(k)fluoranthene	15.368	252	176868	62.621	ng	99
90) Benzo(a)pyrene	15.733	252	128228	52.232	ng	# 98
91) Dibenzo(a,h)anthracene	17.445	278	143313	54.373	ng	99
92) Benzo(g,h,i)perylene	17.927	276	151062	54.558	ng	96

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

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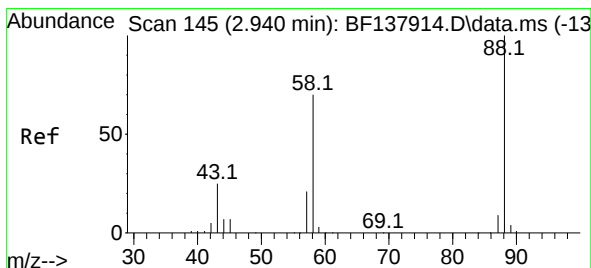
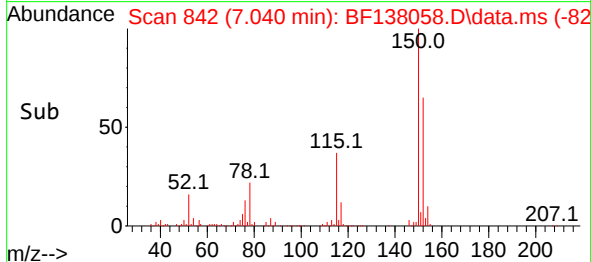
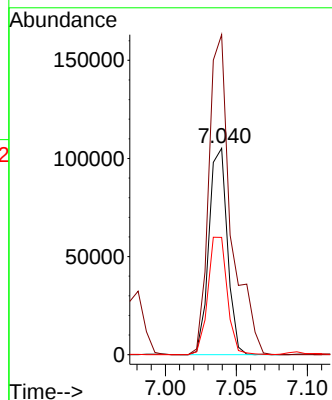
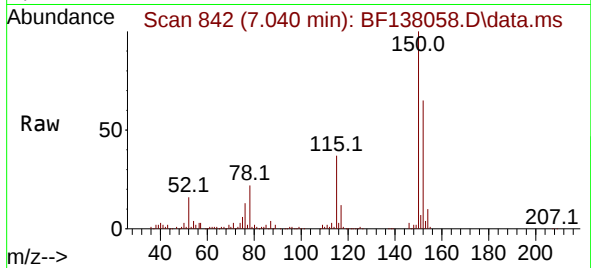




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF138058.D
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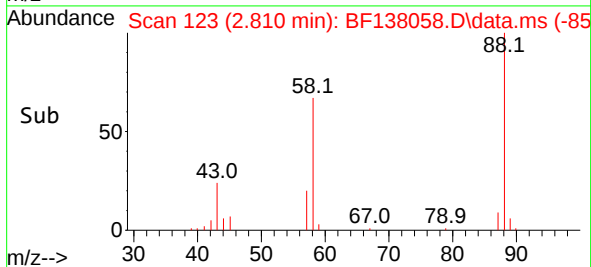
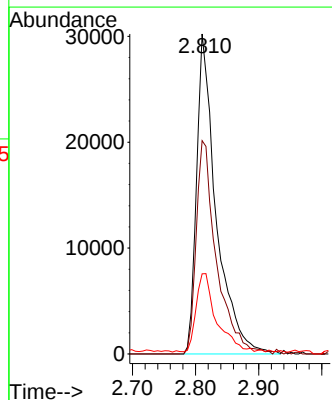
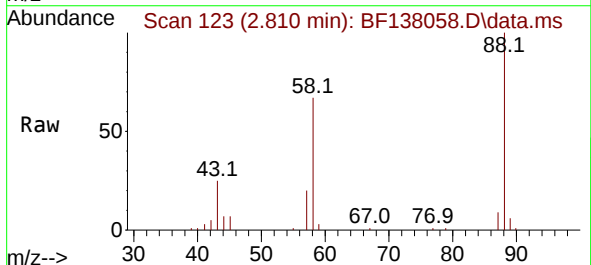
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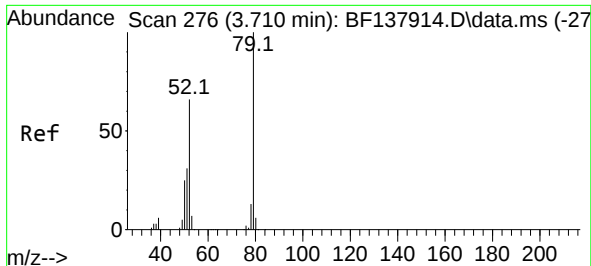
Tgt Ion:152 Resp: 95059
Ion Ratio Lower Upper
152 100
150 155.0 125.7 188.5
115 56.8 47.0 70.6



#2
1,4-Dioxane
Concen: 26.833 ng
RT: 2.810 min Scan# 123
Delta R.T. -0.129 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion: 88 Resp: 65051
Ion Ratio Lower Upper
88 100
58 69.0 54.4 81.6
43 25.2 19.6 29.4

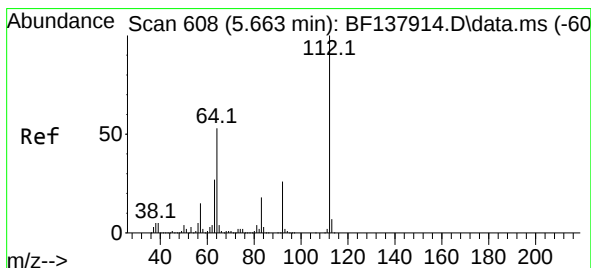
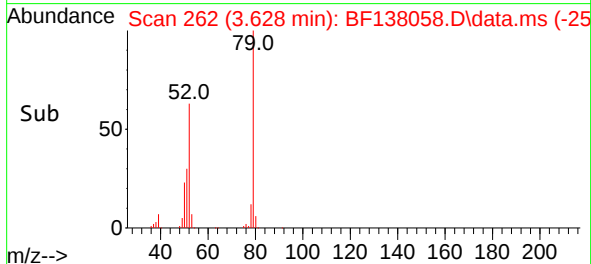
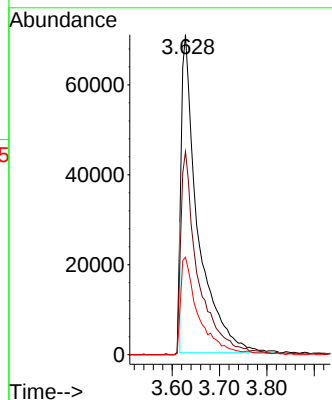
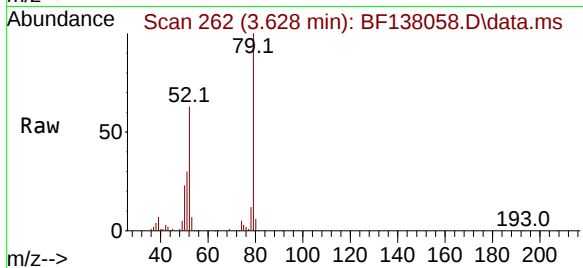




#3
Pyridine
Concen: 30.397 ng
RT: 3.628 min Scan# 210
Delta R.T. -0.082 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

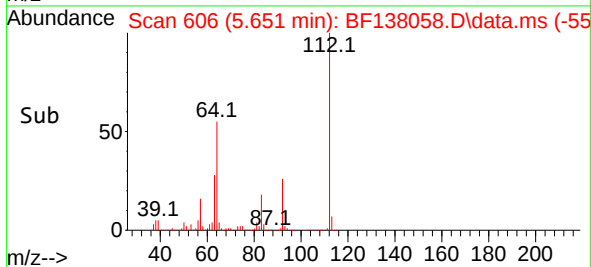
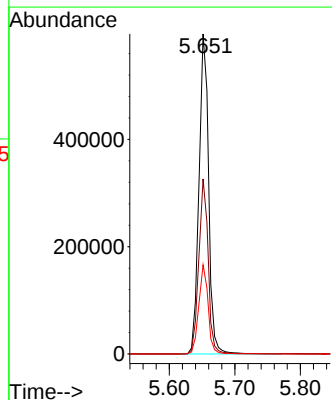
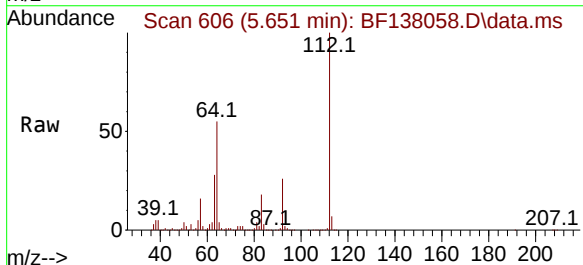
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

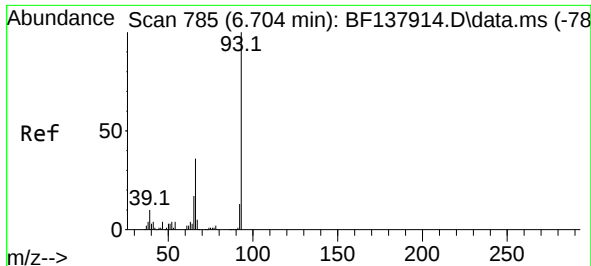
Tgt Ion: 79 Resp: 165350
Ion Ratio Lower Upper
79 100
52 63.4 52.5 78.7
51 30.4 25.1 37.7



#5
2-Fluorophenol
Concen: 109.097 ng
RT: 5.651 min Scan# 606
Delta R.T. -0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:112 Resp: 610523
Ion Ratio Lower Upper
112 100
64 54.7 42.4 63.6
63 27.9 21.4 32.2





#6

Aniline

Concen: 32.050 ng

RT: 6.698 min Scan# 784

Delta R.T. -0.006 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

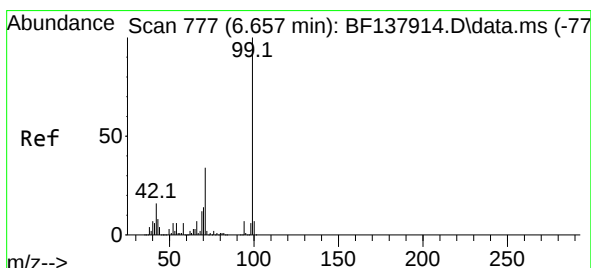
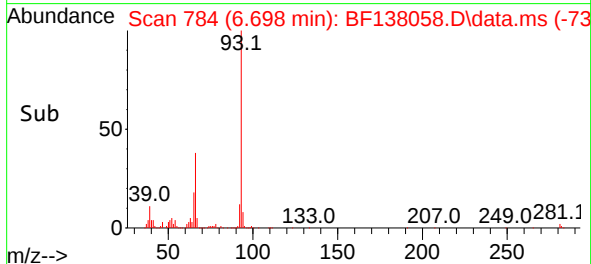
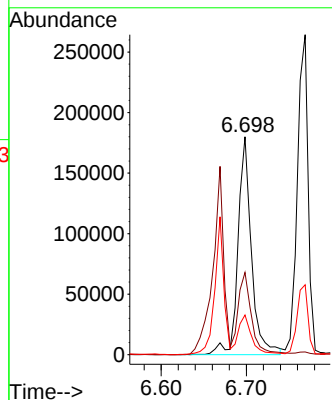
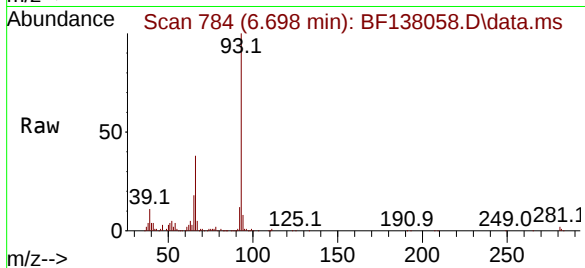
Tgt Ion: 93 Resp: 197616

Ion Ratio Lower Upper

93 100

66 37.8 30.7 46.1

65 18.2 15.0 22.4



#7

Phenol-d6

Concen: 111.391 ng

RT: 6.657 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

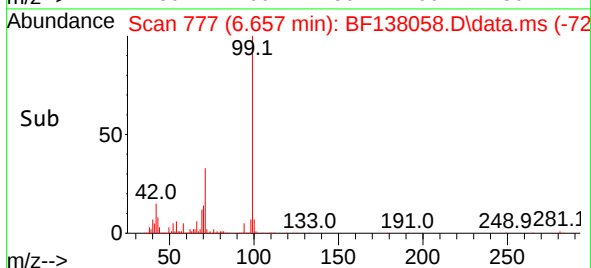
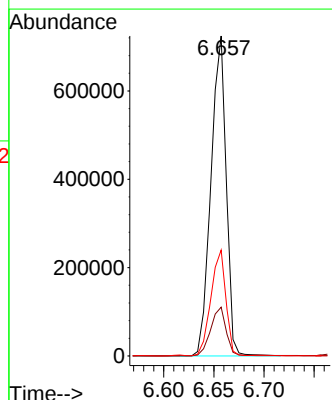
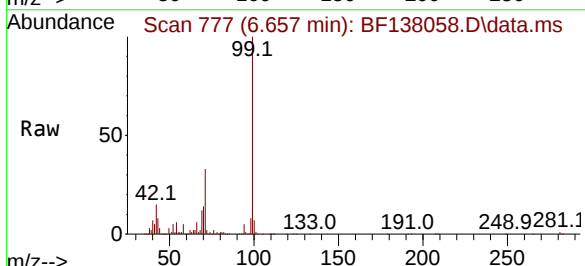
Tgt Ion: 99 Resp: 767886

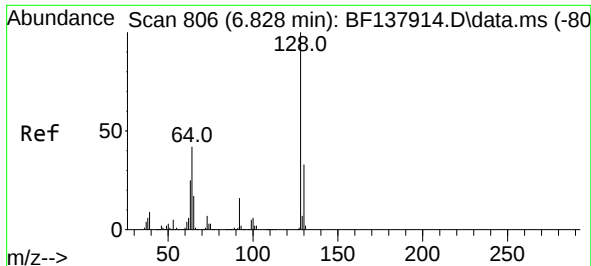
Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

71 33.1 27.1 40.7

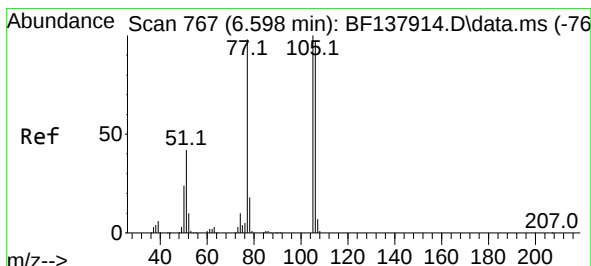
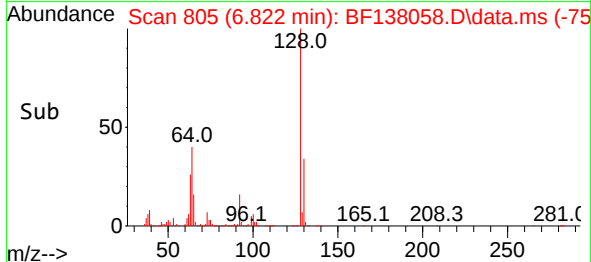
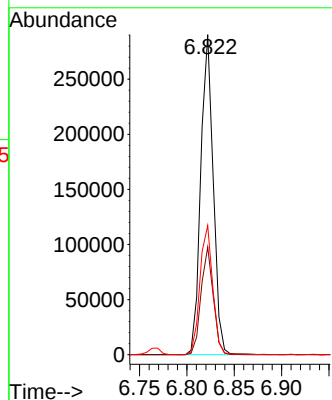
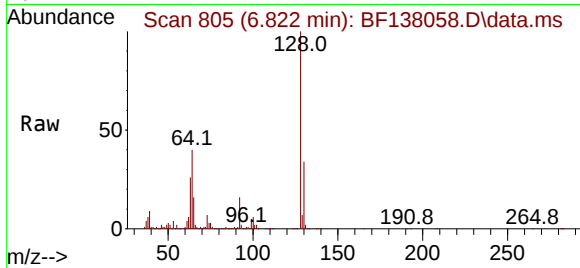




#8
2-Chlorophenol
Concen: 43.970 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

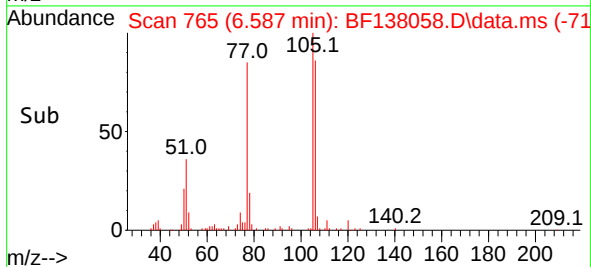
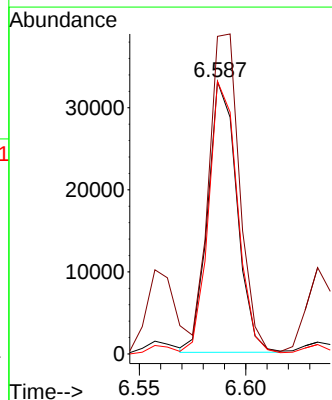
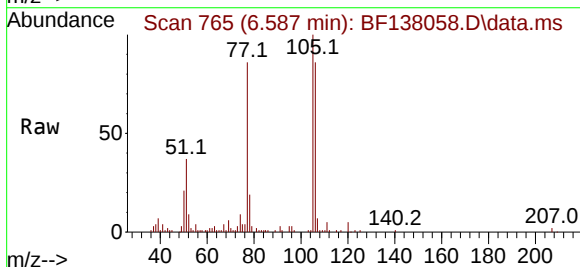
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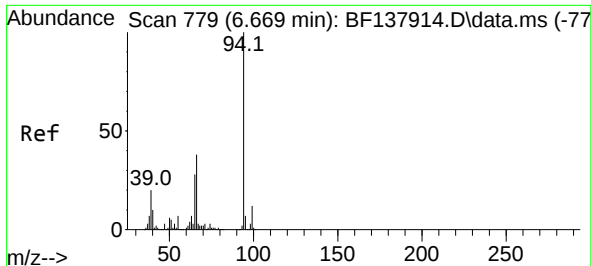
Tgt Ion:128 Resp: 266290
Ion Ratio Lower Upper
128 100
130 33.7 12.8 52.8
64 40.4 22.2 62.2



#9
Benzaldehyde
Concen: 8.402 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion: 77 Resp: 31336
Ion Ratio Lower Upper
77 100
105 116.6 82.3 122.3
106 100.1 79.2 119.2

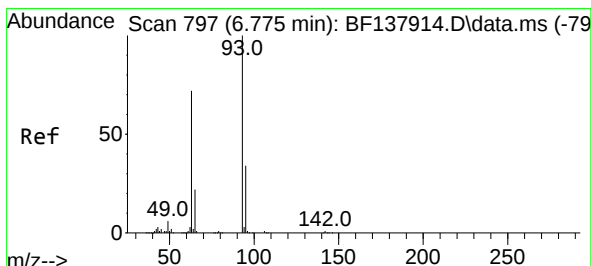
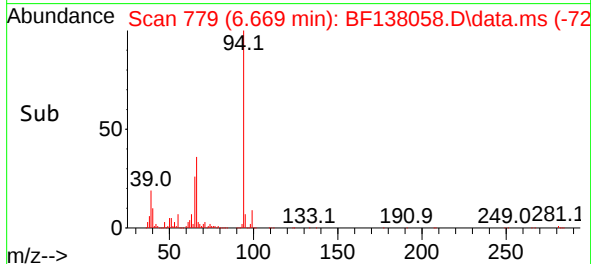
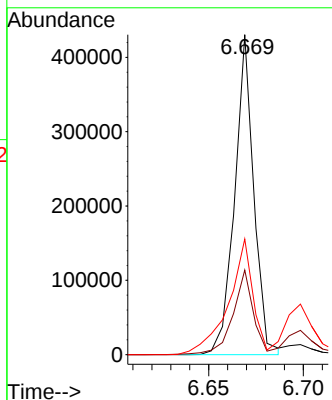
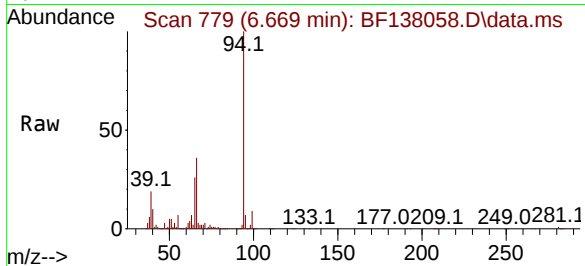




#10
Phenol
Concen: 43.391 ng
RT: 6.669 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138058.D
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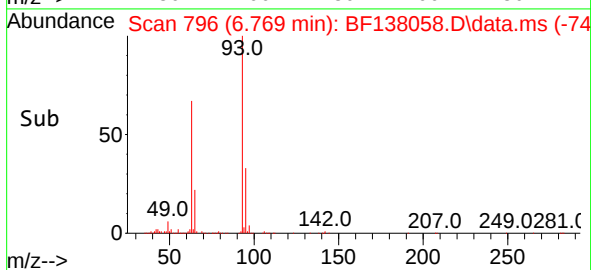
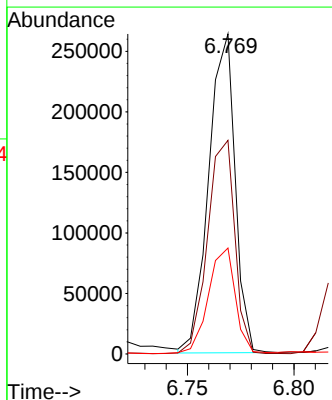
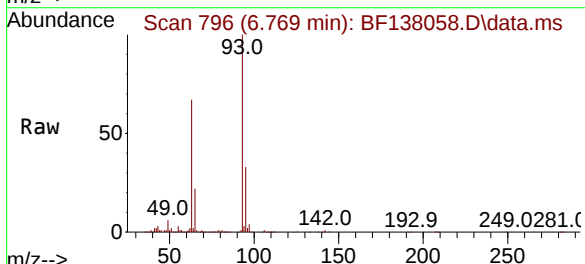
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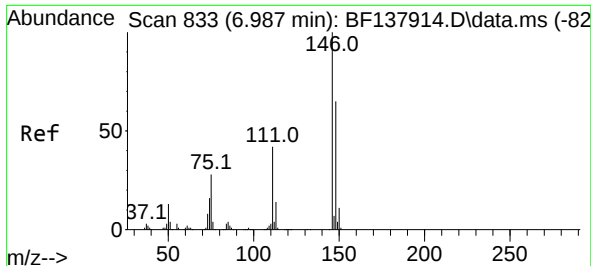
Tgt Ion: 94 Resp: 301919
Ion Ratio Lower Upper
94 100
65 26.5 7.8 47.8
66 36.2 18.6 58.6



#11
bis(2-Chloroethyl)ether
Concen: 42.608 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion: 93 Resp: 227634
Ion Ratio Lower Upper
93 100
63 66.7 51.4 91.4
95 33.1 13.5 53.5

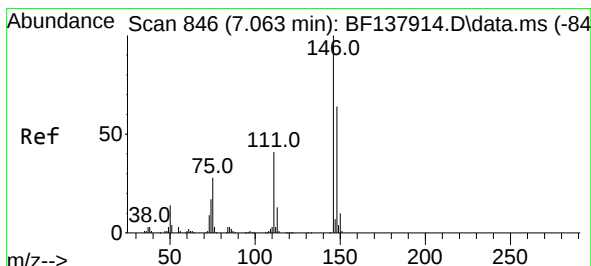
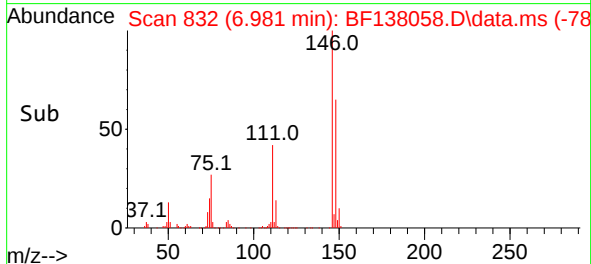
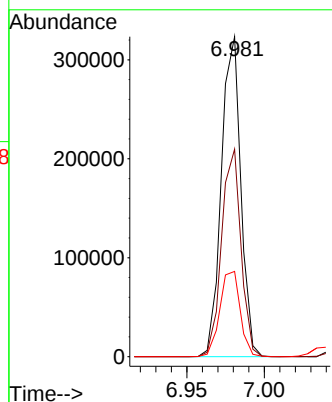
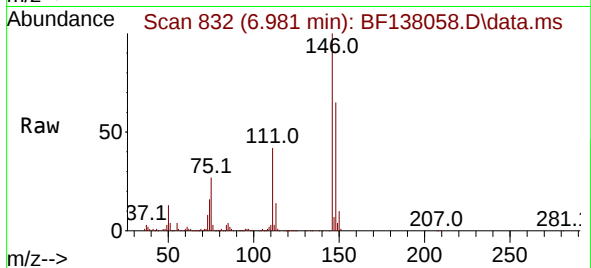




#12
1,3-Dichlorobenzene
Concen: 40.255 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

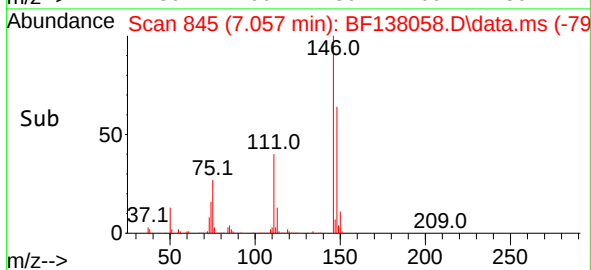
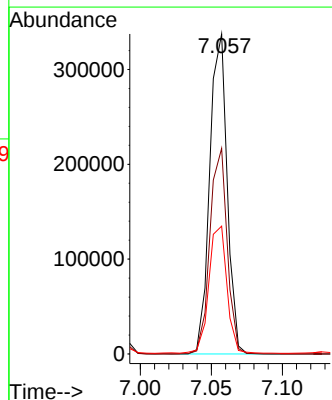
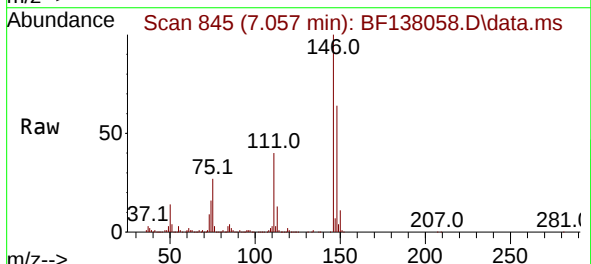
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

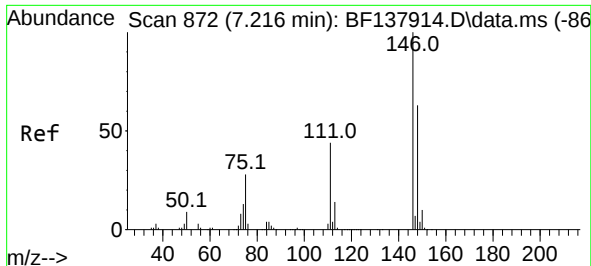
Tgt Ion:146 Resp: 282066
Ion Ratio Lower Upper
146 100
148 64.9 51.7 77.5
75 26.6 22.4 33.6



#13
1,4-Dichlorobenzene
Concen: 40.990 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:146 Resp: 288300
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 40.0 32.5 48.7

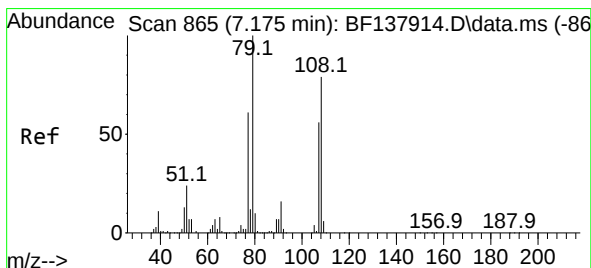
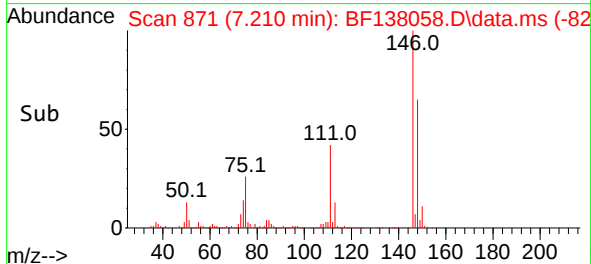
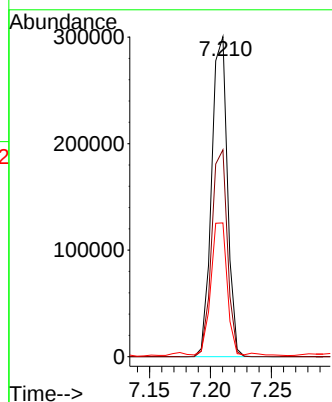
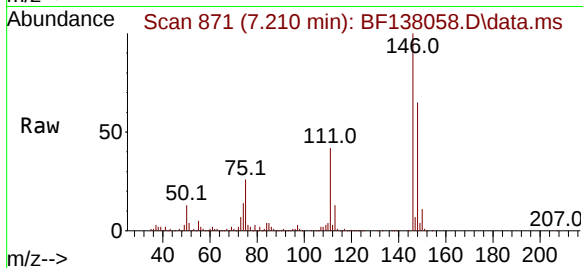




#14
1,2-Dichlorobenzene
Concen: 41.082 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

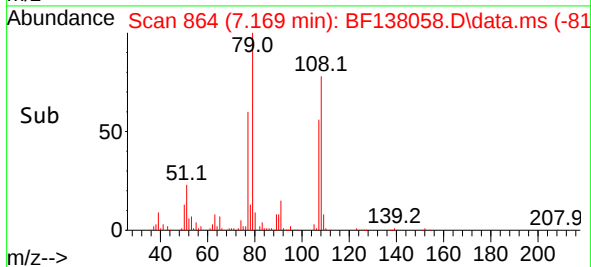
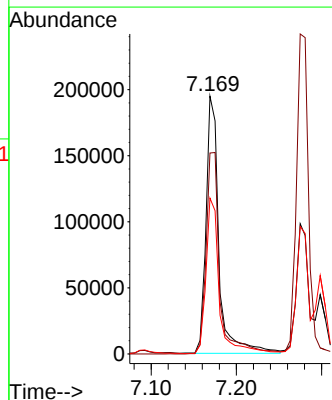
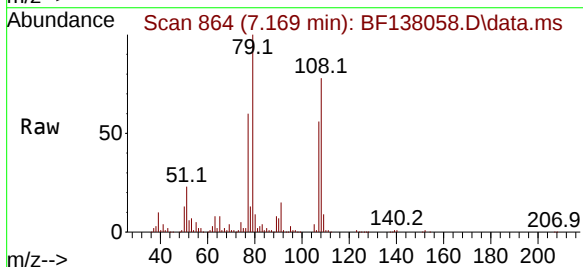
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

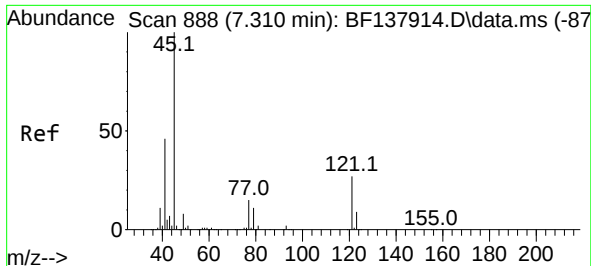
Tgt Ion:146 Resp: 271944
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.4
111 41.8 35.1 52.7



#15
Benzyl Alcohol
Concen: 44.537 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion: 79 Resp: 205015
Ion Ratio Lower Upper
79 100
108 77.9 62.8 94.2
77 60.5 48.7 73.1

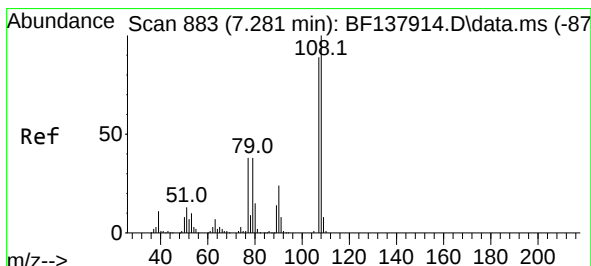
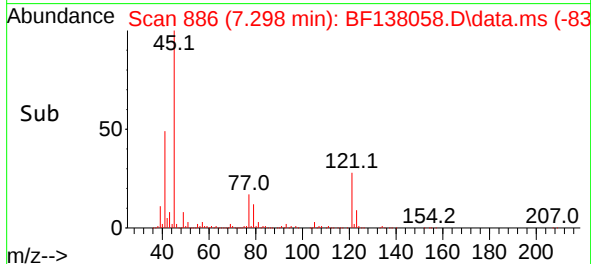
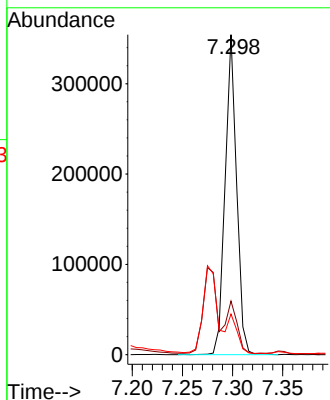
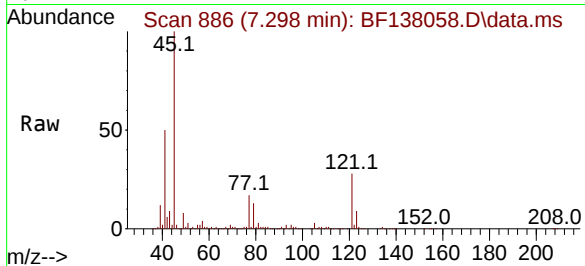




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.871 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

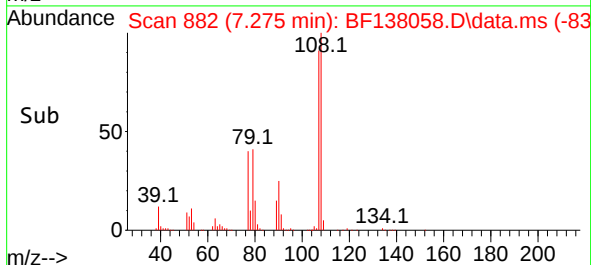
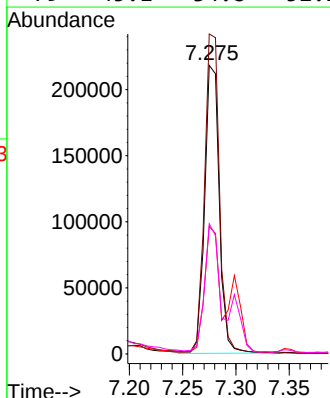
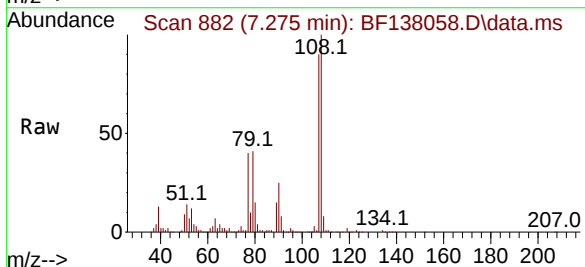
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

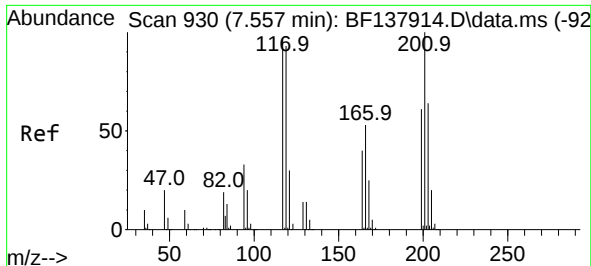
Tgt Ion: 45 Resp: 281540
Ion Ratio Lower Upper
45 100
77 16.7 0.0 35.3
79 12.7 0.0 32.1



#17
2-Methylphenol
Concen: 43.381 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:107 Resp: 209520
Ion Ratio Lower Upper
107 100
108 110.8 90.1 135.1
77 44.1 34.3 51.5
79 45.1 34.8 52.2

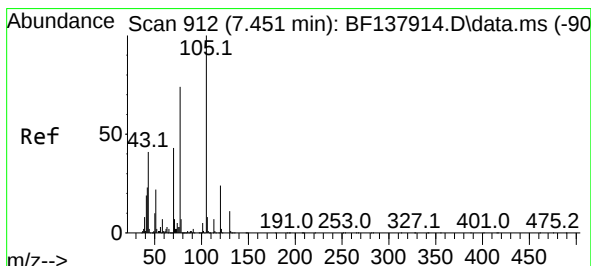
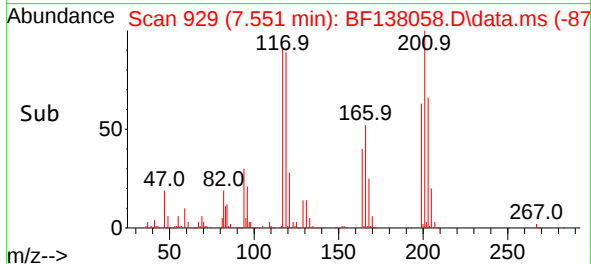
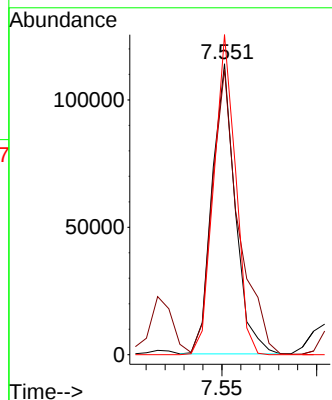
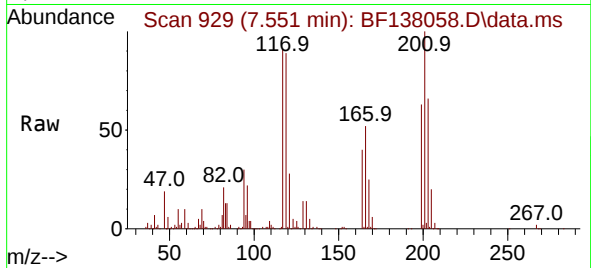




#18
Hexachloroethane
Concen: 40.904 ng
RT: 7.551 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

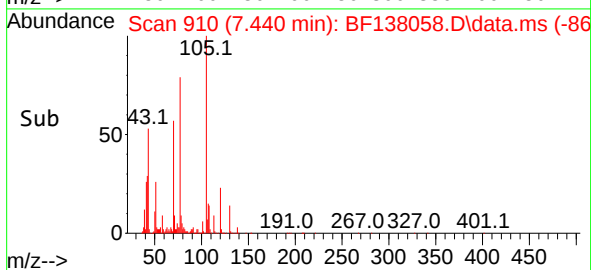
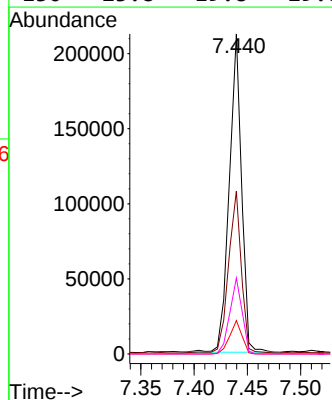
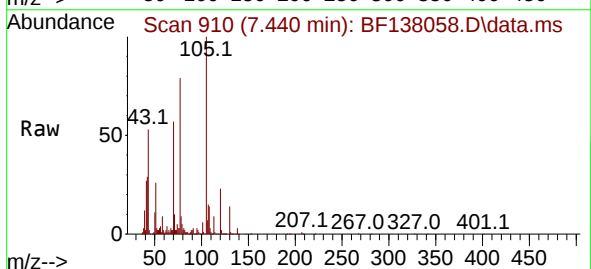
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

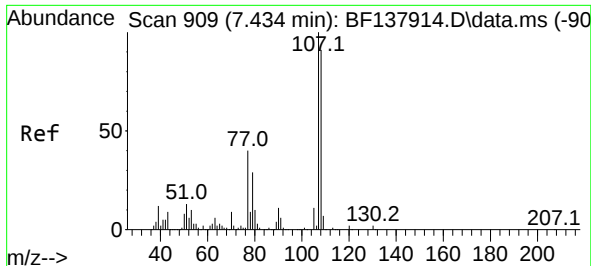
Tgt Ion:117 Resp: 97353
Ion Ratio Lower Upper
117 100
119 98.2 76.8 115.2
201 110.0 82.7 124.1



#19
n-Nitroso-di-n-propylamine
Concen: 43.987 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion: 70 Resp: 170359
Ion Ratio Lower Upper
70 100
42 50.9 42.2 63.4
101 10.5 8.8 13.2
130 23.8 19.8 29.8





#20

3+4-Methylphenols

Concen: 43.054 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

Tgt Ion:107 Resp: 272412

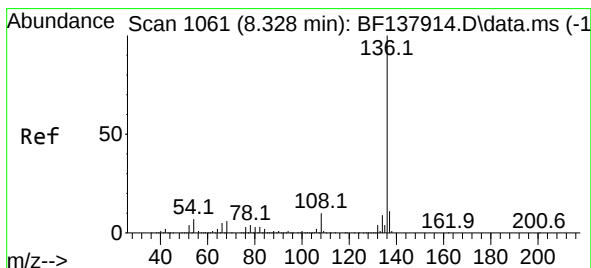
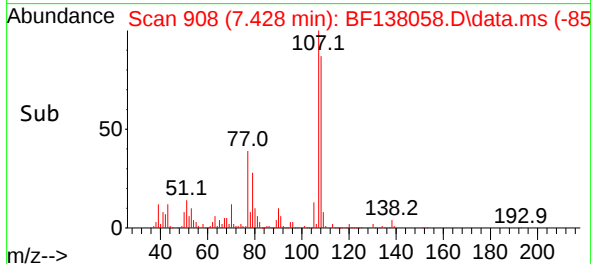
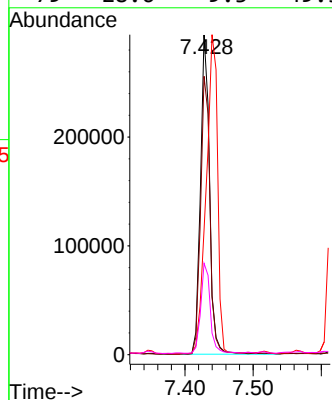
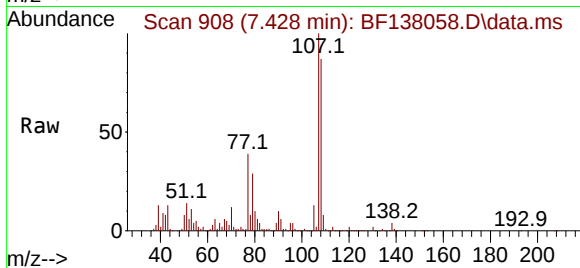
Ion Ratio Lower Upper

107 100

108 87.1 70.8 110.8

77 38.9 20.2 60.2

79 28.6 9.3 49.3



#21

Napthalene-d8

Concen: 20.000 ng

RT: 8.322 min Scan# 1060

Delta R.T. -0.006 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Tgt Ion:136 Resp: 330207

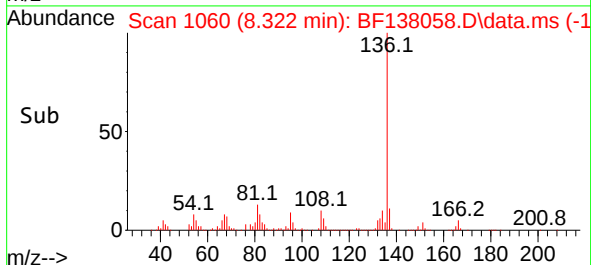
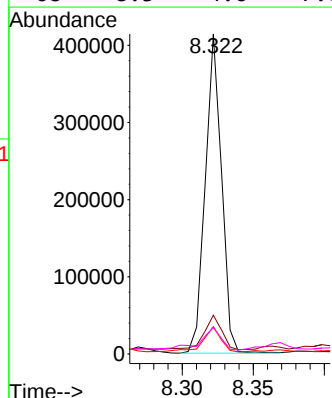
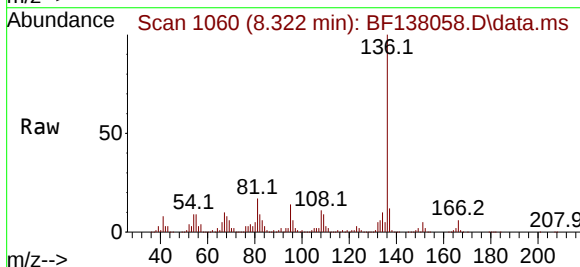
Ion Ratio Lower Upper

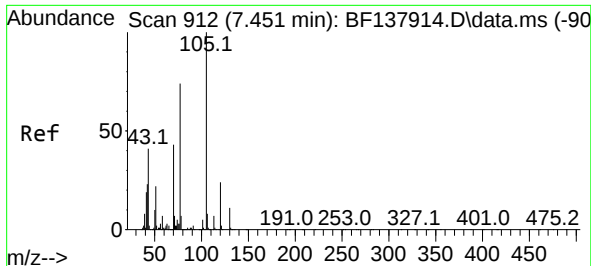
136 100

137 12.1 8.7 13.1

54 8.6 5.4 8.2#

68 8.3 4.6 7.0#

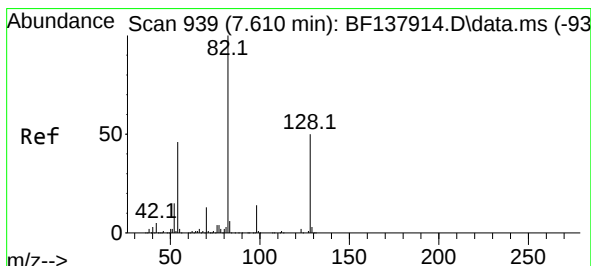
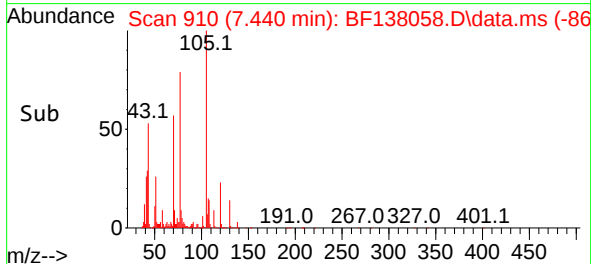
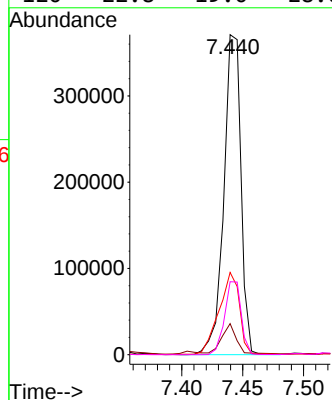
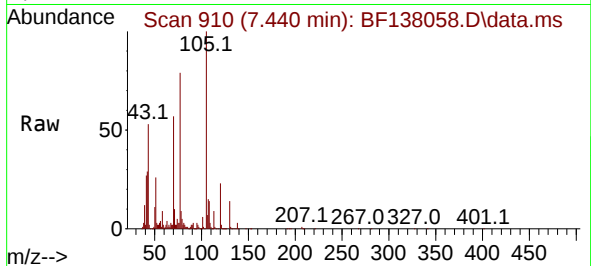




#22
Acetophenone
Concen: 49.419 ng
RT: 7.440 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

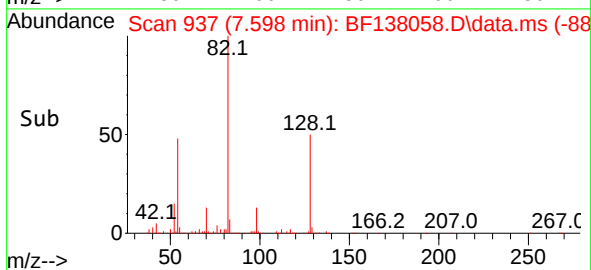
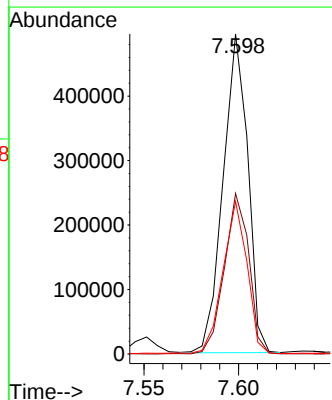
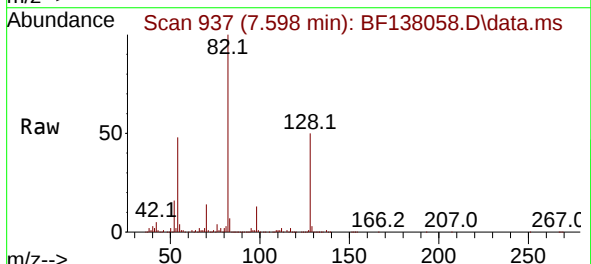
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

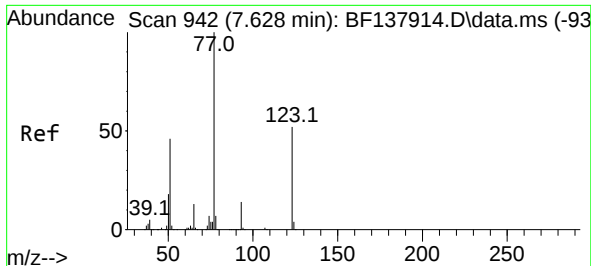
Tgt Ion:105 Resp: 365560
Ion Ratio Lower Upper
105 100
71 9.7 5.7 8.5#
51 25.7 17.8 26.8
120 22.8 19.0 28.6



#23
Nitrobenzene-d5
Concen: 80.078 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion: 82 Resp: 449314
Ion Ratio Lower Upper
82 100
128 50.1 40.3 60.5
54 47.7 36.8 55.2

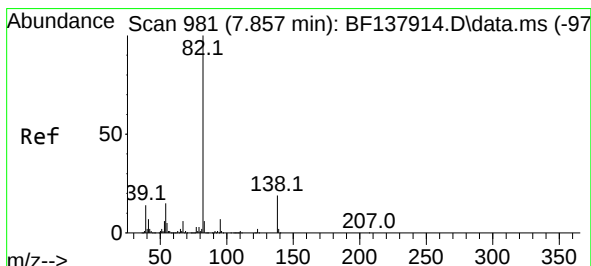
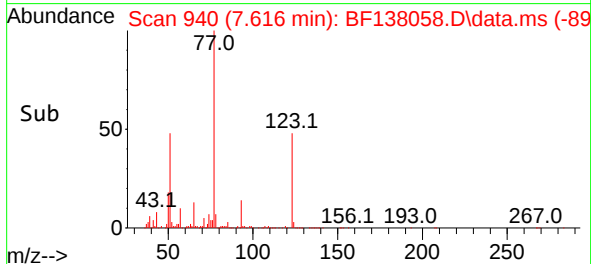
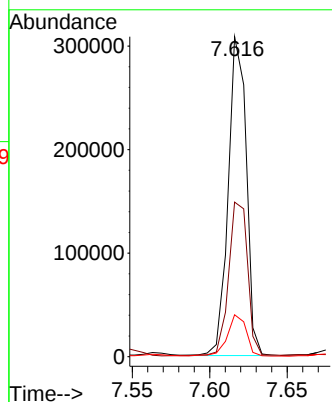
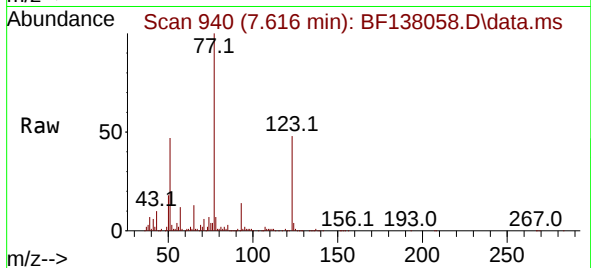




#24
Nitrobenzene
Concen: 43.952 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

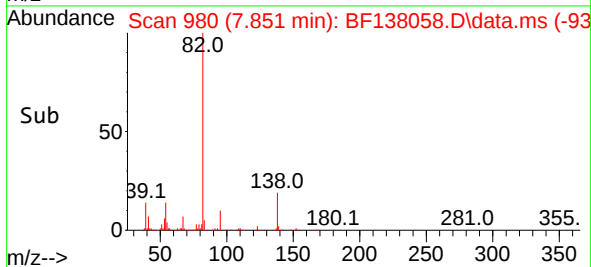
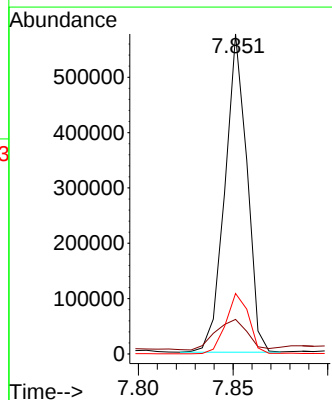
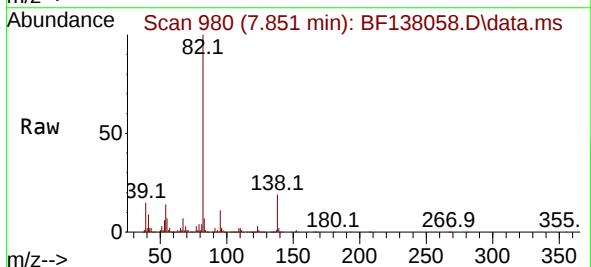
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

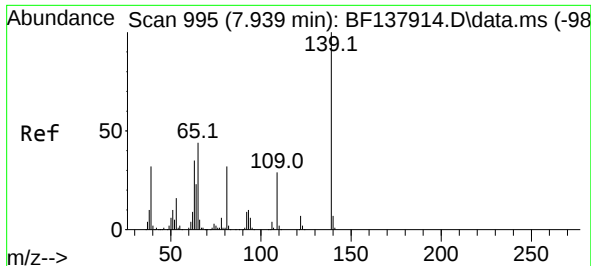
Tgt Ion: 77 Resp: 250176
Ion Ratio Lower Upper
77 100
123 48.3 41.4 62.2
65 13.1 10.5 15.7



#25
Isophorone
Concen: 47.771 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion: 82 Resp: 465202
Ion Ratio Lower Upper
82 100
95 10.8 6.0 9.0#
138 18.9 15.0 22.4

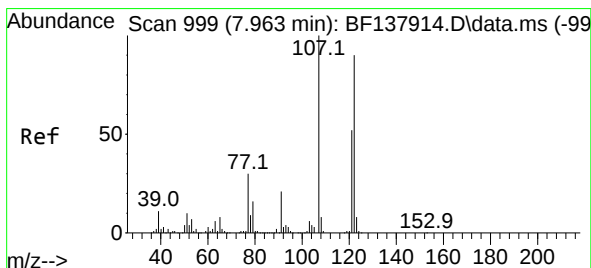
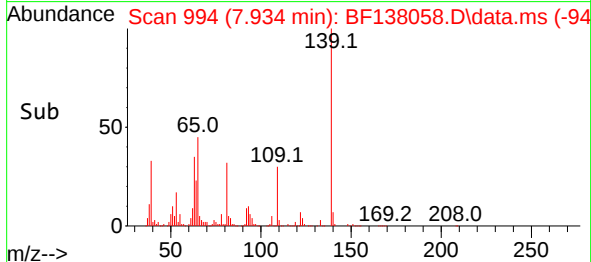
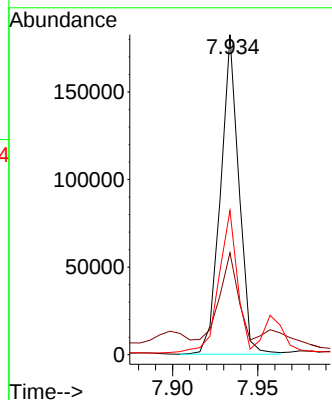
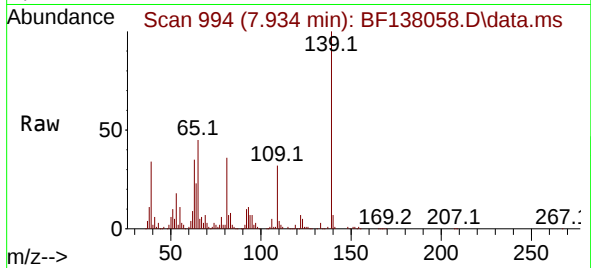




#26
2-Nitrophenol
Concen: 47.858 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

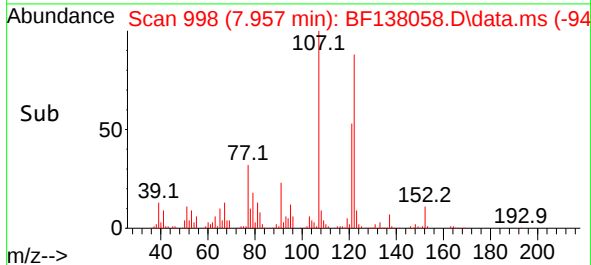
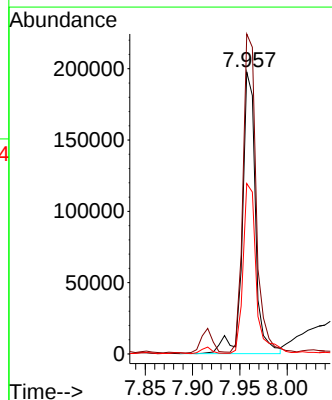
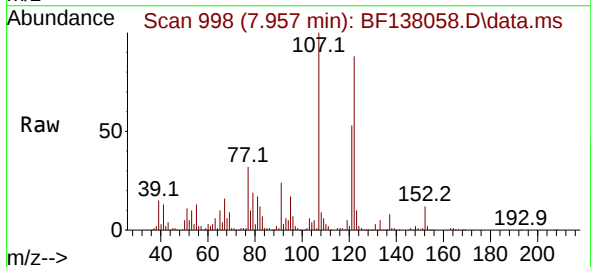
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

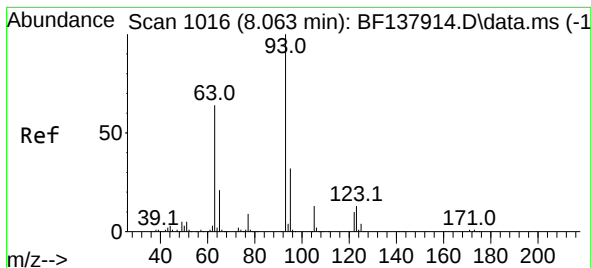
Tgt Ion:139 Resp: 136880
Ion Ratio Lower Upper
139 100
109 31.8 22.8 34.2
65 45.1 35.2 52.8



#27
2,4-Dimethylphenol
Concen: 51.217 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:122 Resp: 188597
Ion Ratio Lower Upper
122 100
107 113.5 89.0 133.4
121 60.4 46.2 69.4





#28

bis(2-Chloroethoxy)methane

Concen: 45.982 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

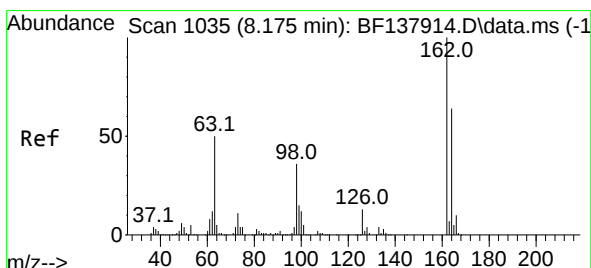
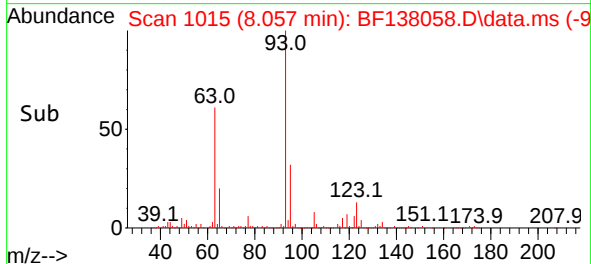
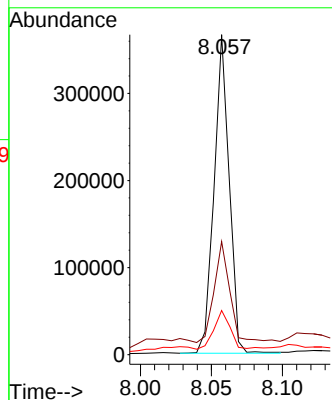
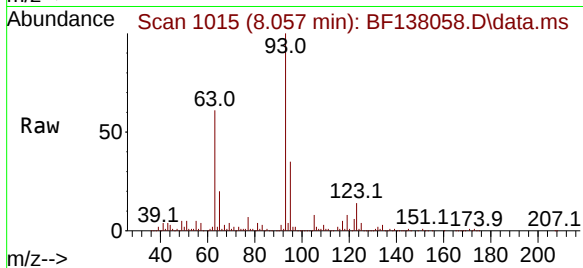
Tgt Ion: 93 Resp: 271388

Ion Ratio Lower Upper

93 100

95 35.4 25.9 38.9

123 13.8 10.4 15.6



#29

2,4-Dichlorophenol

Concen: 43.587 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

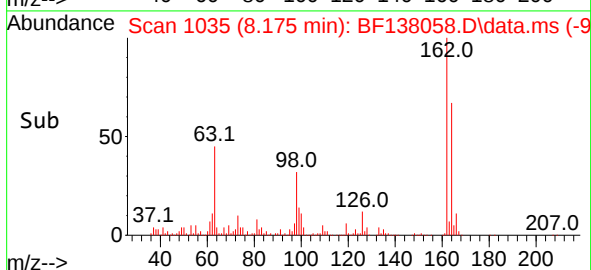
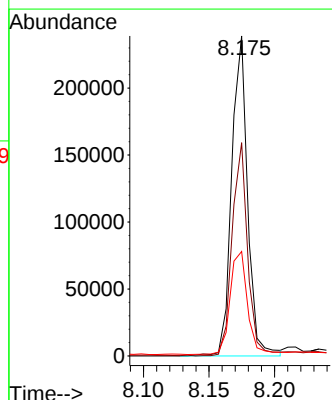
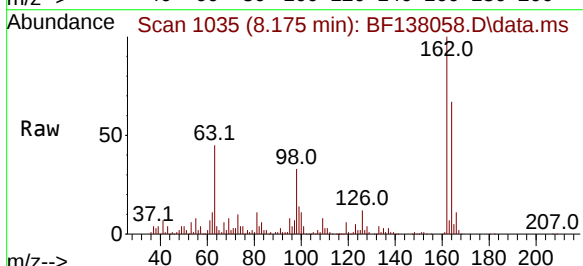
Tgt Ion:162 Resp: 201831

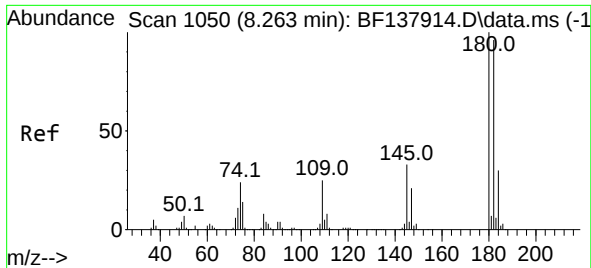
Ion Ratio Lower Upper

162 100

164 66.7 44.3 84.3

98 32.7 15.8 55.8

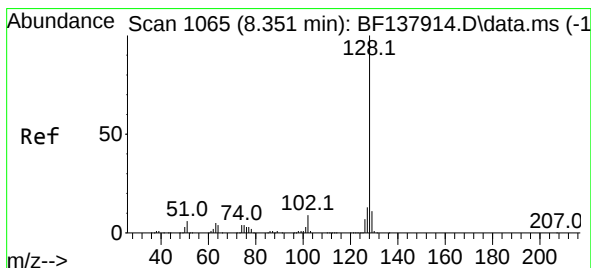
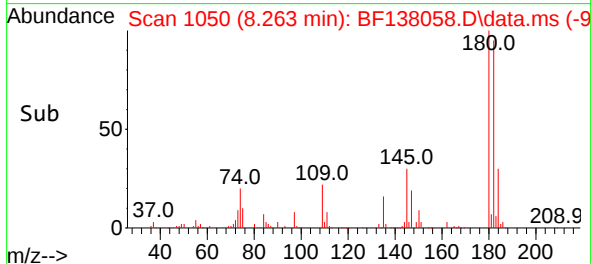
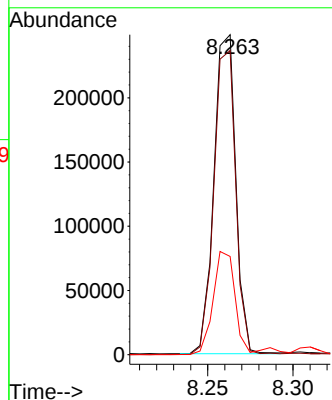
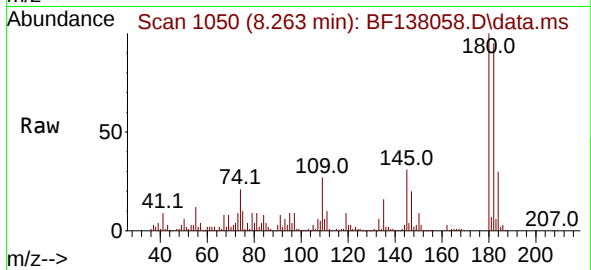




#30
 1,2,4-Trichlorobenzene
 Concen: 42.941 ng
 RT: 8.263 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: BF138058.D
 Acq: 29 May 2024 14:43

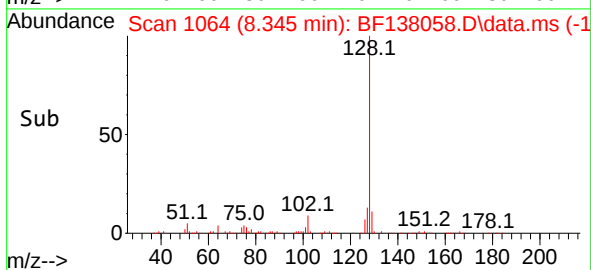
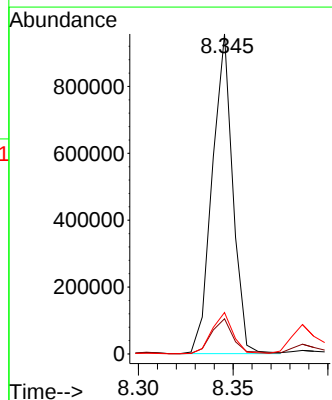
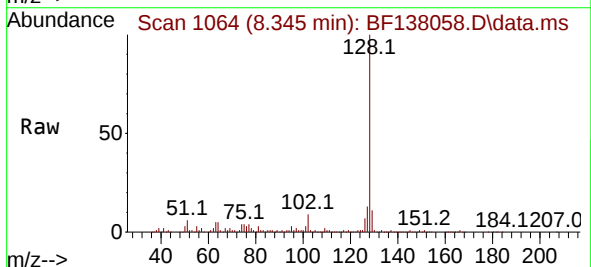
Instrument :
 BNA_F
 ClientSampleId :
 EXPE2MS

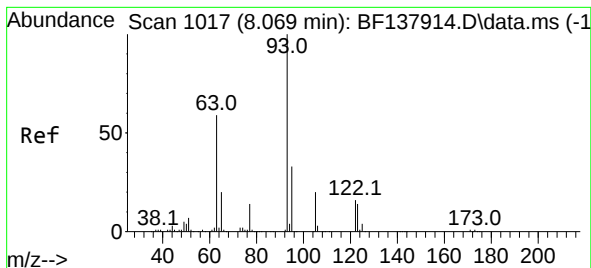
Tgt Ion:180 Resp: 222006
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.5 114.7
 145 30.7 26.2 39.2



#31
 Naphthalene
 Concen: 43.528 ng
 RT: 8.345 min Scan# 1064
 Delta R.T. -0.006 min
 Lab File: BF138058.D
 Acq: 29 May 2024 14:43

Tgt Ion:128 Resp: 722685
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.7 13.1
 127 12.9 10.6 16.0





#32

Benzoic acid

Concen: 47.749 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

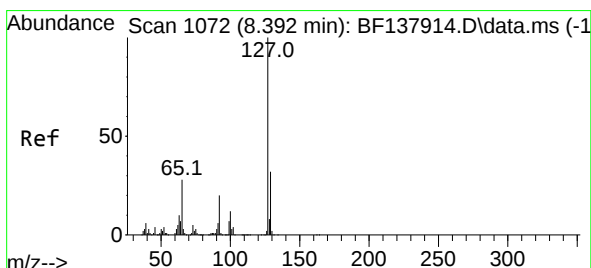
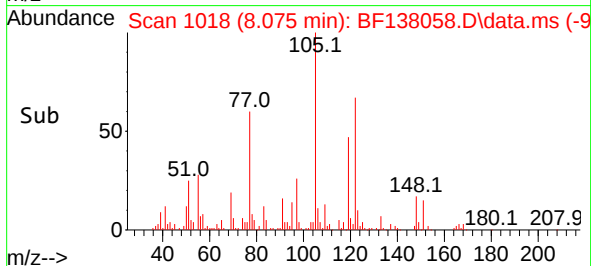
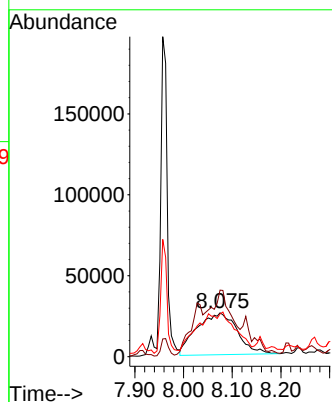
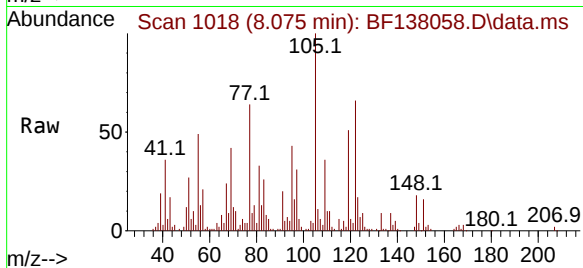
Tgt Ion:122 Resp: 148631

Ion Ratio Lower Upper

122 100

105 151.5 103.8 143.8#

77 97.4 68.4 108.4



#33

4-Chloroaniline

Concen: 26.464 ng

RT: 8.387 min Scan# 1071

Delta R.T. -0.006 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Tgt Ion:127 Resp: 144037

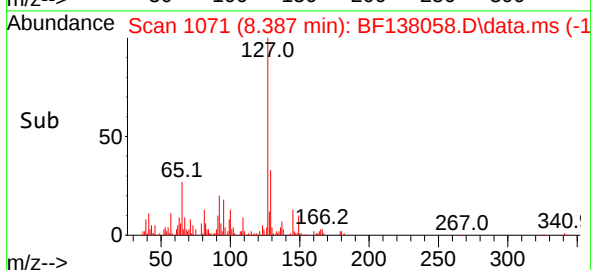
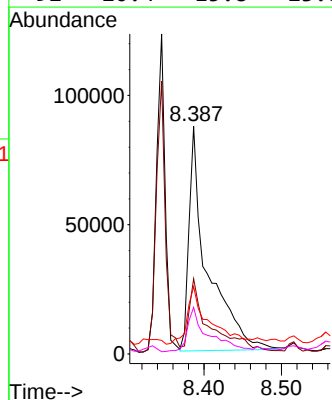
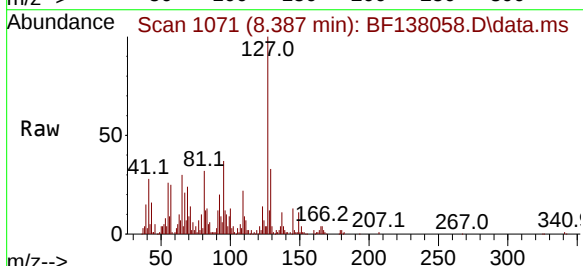
Ion Ratio Lower Upper

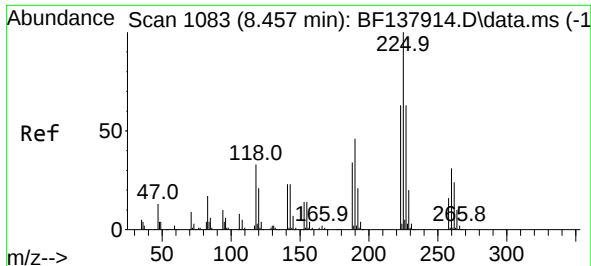
127 100

129 33.1 25.4 38.2

65 29.6 22.0 33.0

92 20.4 15.8 23.8

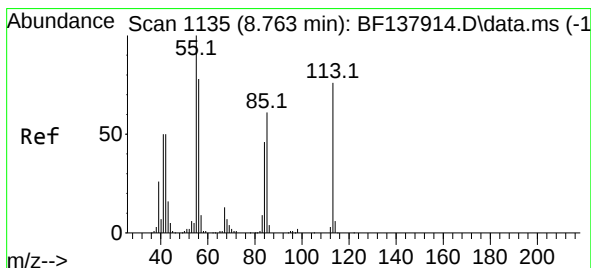
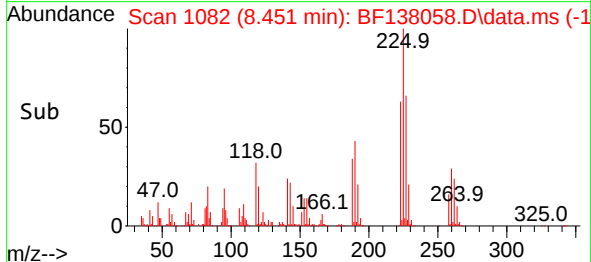
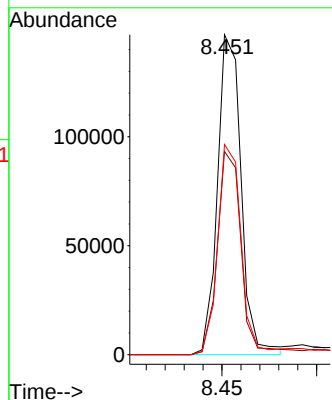
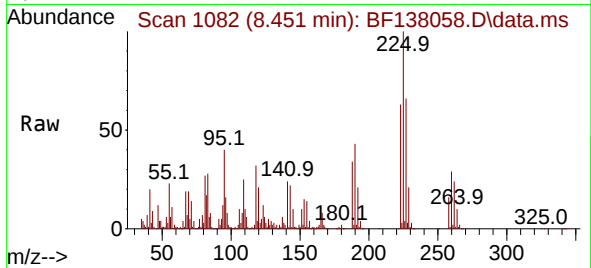




#34
Hexachlorobutadiene
Concen: 38.979 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

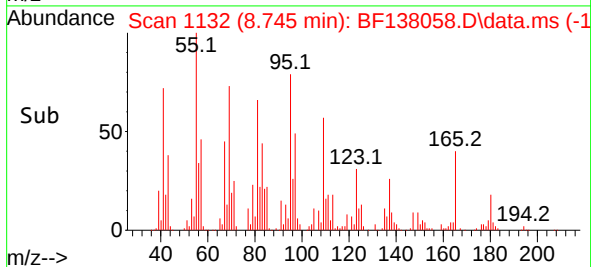
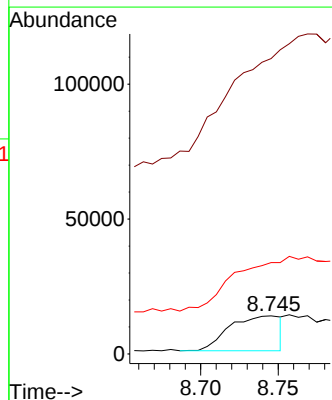
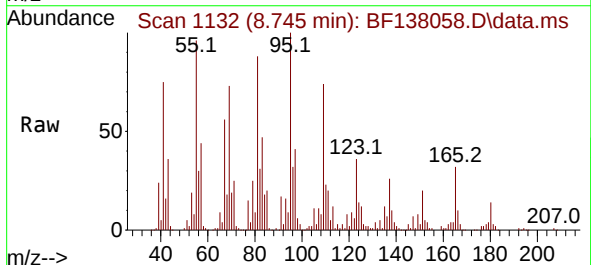
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

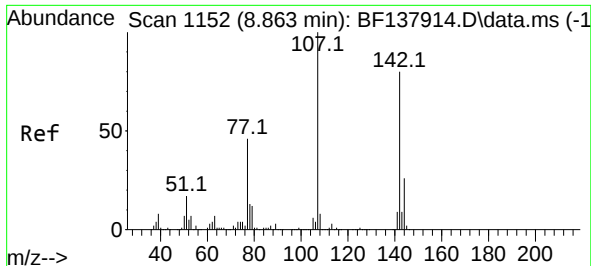
Tgt Ion:225 Resp: 127555
Ion Ratio Lower Upper
225 100
223 63.5 50.0 75.0
227 65.7 50.2 75.4



#35
Caprolactam
Concen: 22.448 ng
RT: 8.745 min Scan# 1132
Delta R.T. -0.017 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:113 Resp: 30115
Ion Ratio Lower Upper
113 100
55 776.0 112.3 152.3#
56 240.0 82.7 122.7#





#36

4-Chloro-3-methylphenol

Concen: 51.600 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.030 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

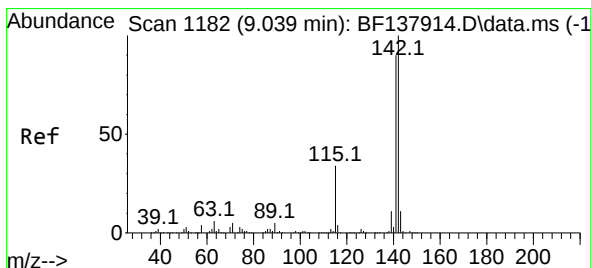
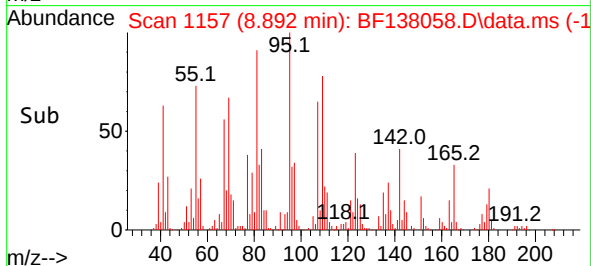
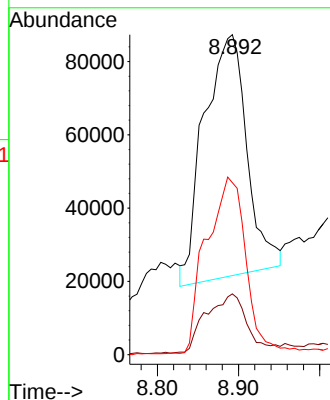
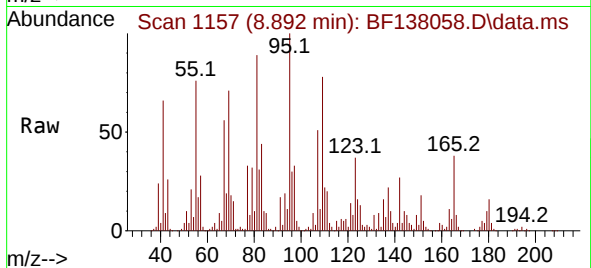
Tgt Ion:107 Resp: 243059

Ion Ratio Lower Upper

107 100

144 19.0 20.7 31.1#

142 53.8 64.0 96.0#



#37

2-Methylnaphthalene

Concen: 13.486 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.012 min

Lab File: BF138058.D

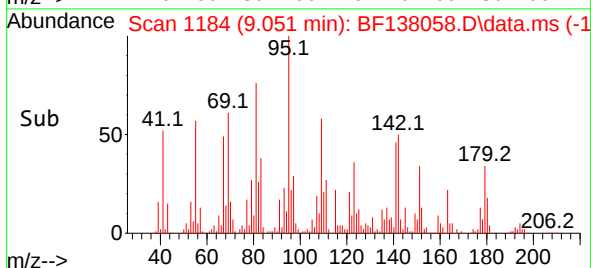
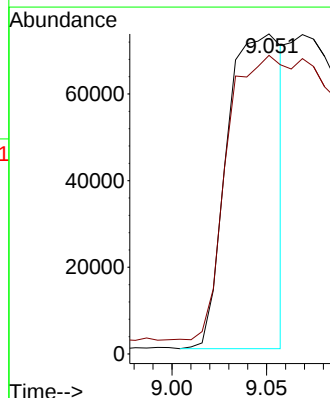
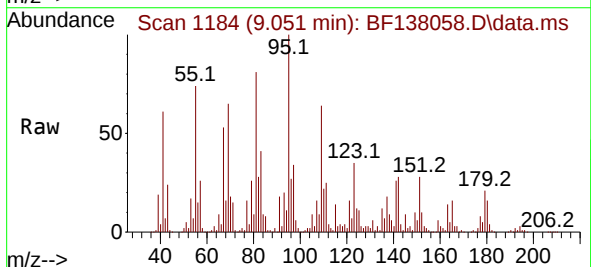
Acq: 29 May 2024 14:43

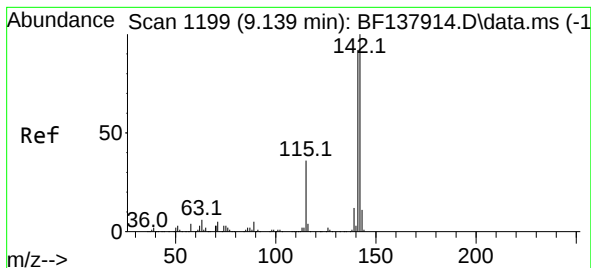
Tgt Ion:142 Resp: 143927

Ion Ratio Lower Upper

142 100

141 93.3 72.0 108.0





#38

1-Methylnaphthalene

Concen: 40.626 ng

RT: 9.134 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

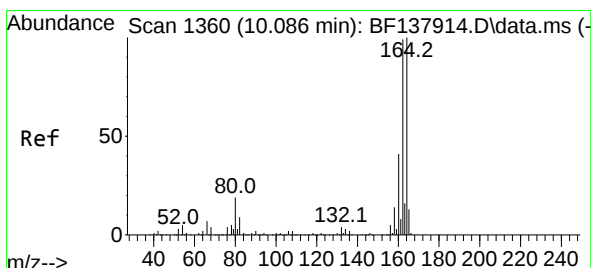
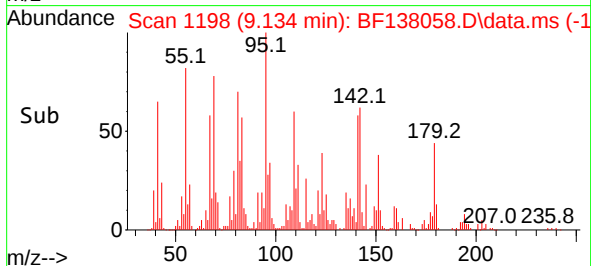
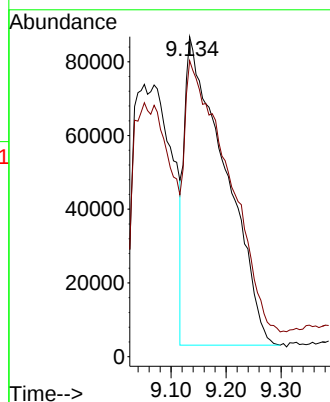
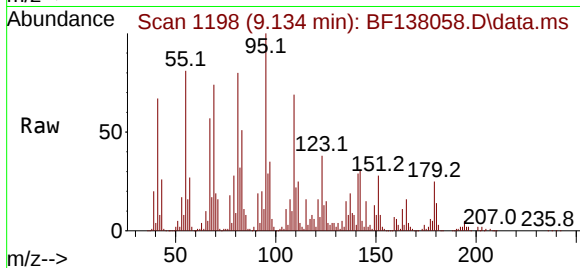
EXPE2MS

Tgt Ion:142 Resp: 426246

Ion Ratio Lower Upper

142 100

141 92.5 73.7 110.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. 0.018 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

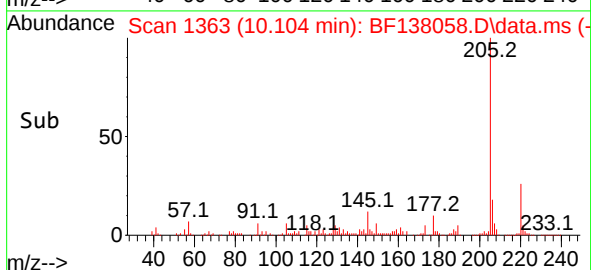
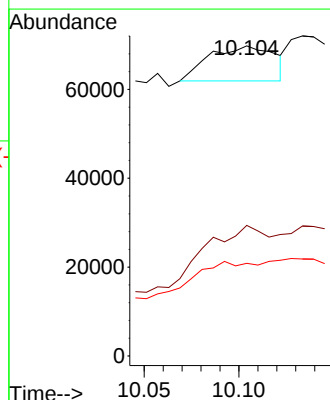
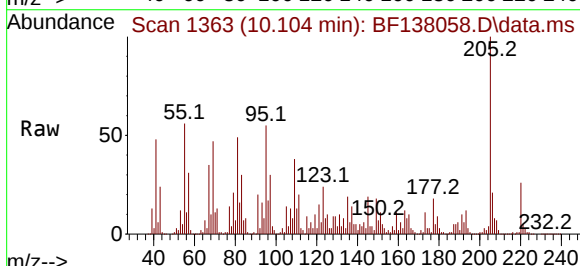
Tgt Ion:164 Resp: 18847

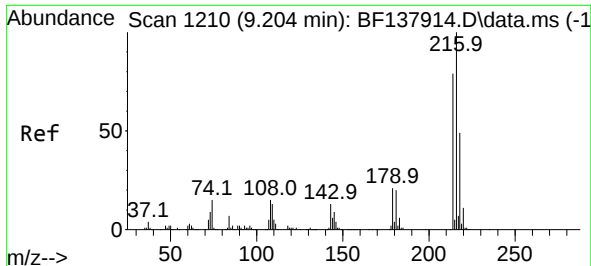
Ion Ratio Lower Upper

164 100

162 42.1 79.4 119.2#

160 29.9 33.1 49.7#

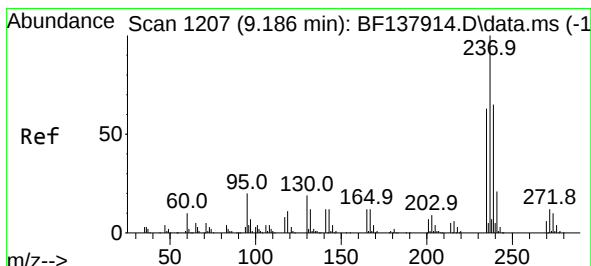
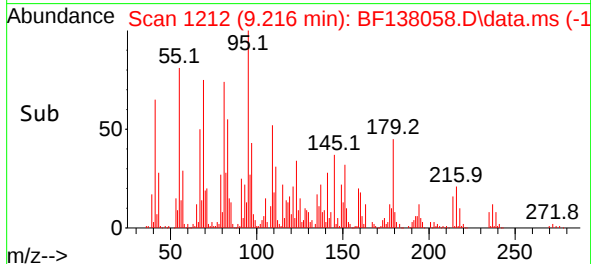
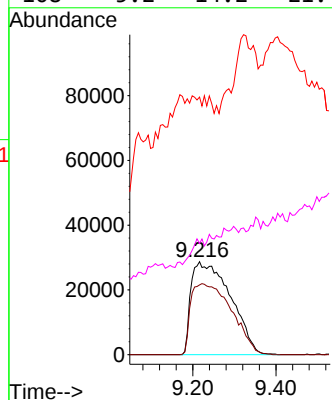
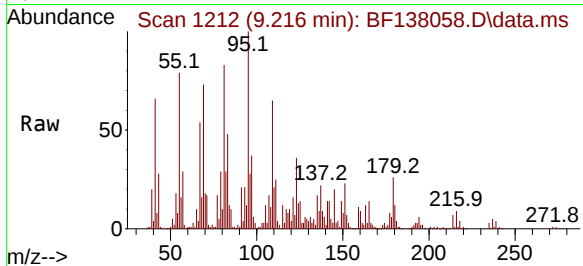




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 369.653 ng
 RT: 9.216 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF138058.D
 Acq: 29 May 2024 14:43

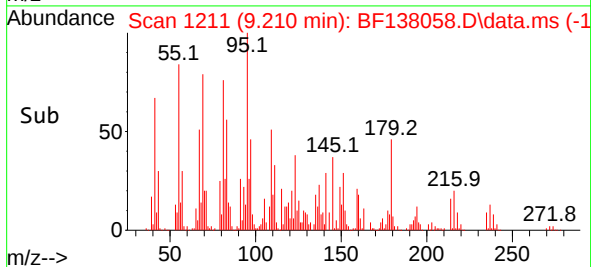
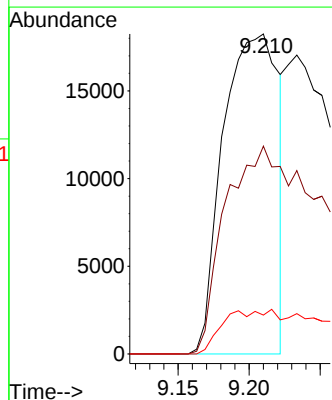
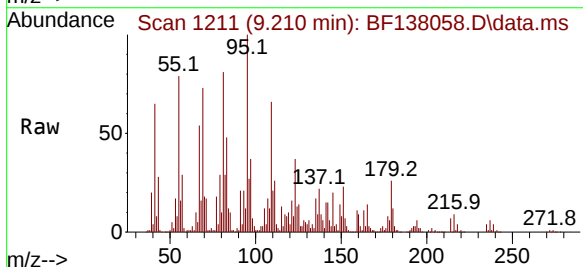
Instrument :
 BNA_F
 ClientSampleId :
 EXPE2MS

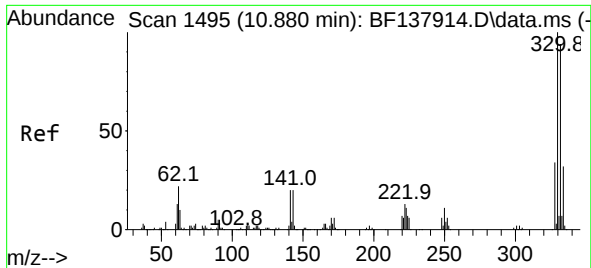
Tgt Ion:216 Resp: 189403
 Ion Ratio Lower Upper
 216 100
 214 78.8 63.4 95.2
 179 0.0 17.0 25.4#
 108 5.2 14.2 21.4#



#41
 Hexachlorocyclopentadiene
 Concen: 253.412 ng
 RT: 9.210 min Scan# 1211
 Delta R.T. 0.024 min
 Lab File: BF138058.D
 Acq: 29 May 2024 14:43

Tgt Ion:237 Resp: 49337
 Ion Ratio Lower Upper
 237 100
 235 65.0 42.8 82.8
 272 12.2 0.0 32.0





#42

2,4,6-Tribromophenol

Concen: 167.865 ng

RT: 10.945 min Scan# 11

Delta R.T. 0.065 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

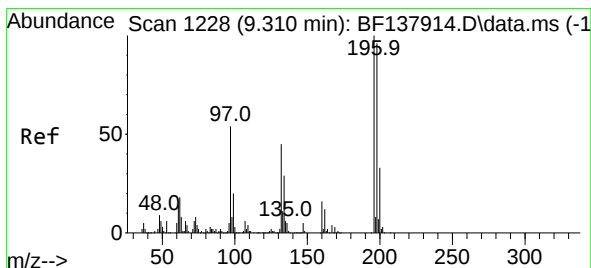
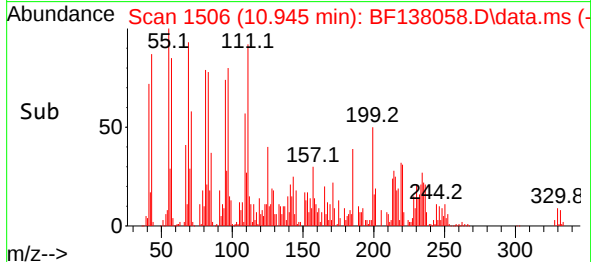
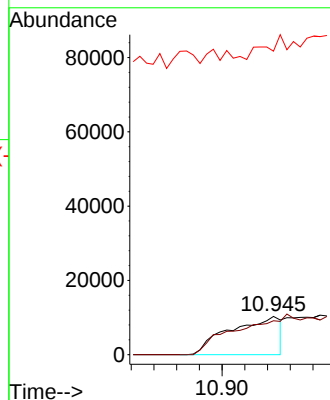
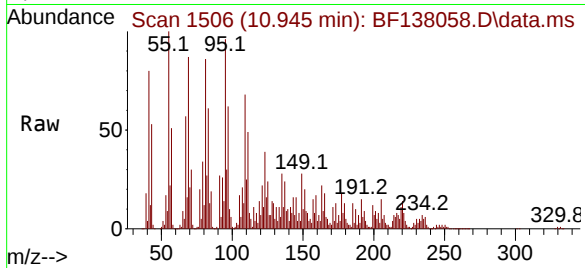
Tgt Ion:330 Resp: 31900

Ion Ratio Lower Upper

330 100

332 126.6 75.8 113.8#

141 0.0 23.8 35.6#



#43

2,4,6-Trichlorophenol

Concen: 351.147 ng

RT: 9.345 min Scan# 1234

Delta R.T. 0.035 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

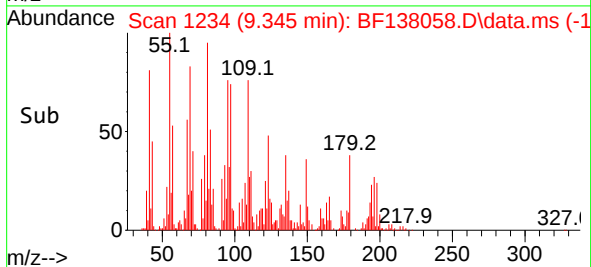
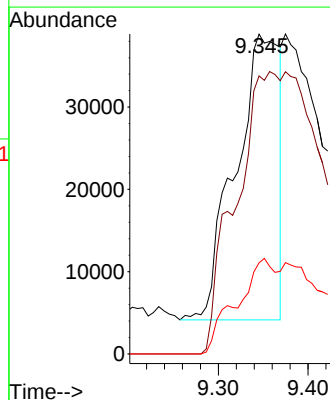
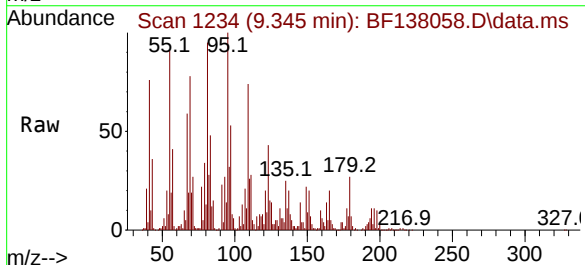
Tgt Ion:196 Resp: 117968

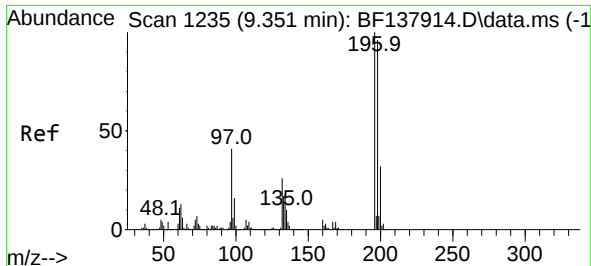
Ion Ratio Lower Upper

196 100

198 86.9 77.0 115.4

200 28.5 26.2 39.2

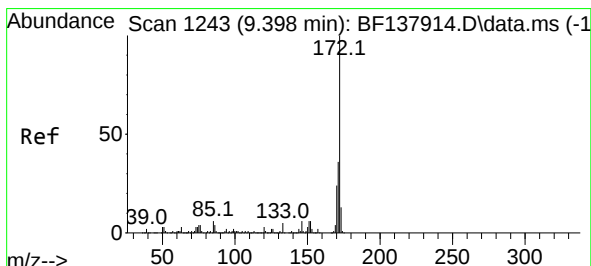
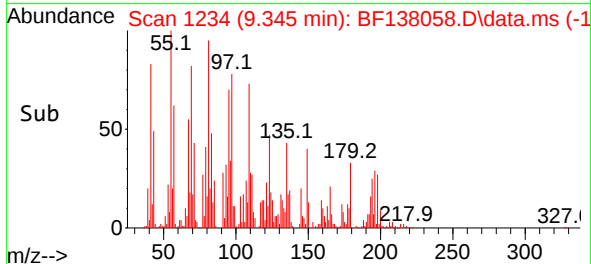
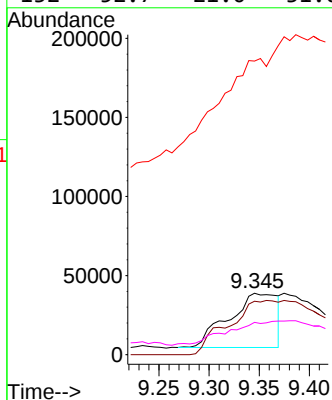
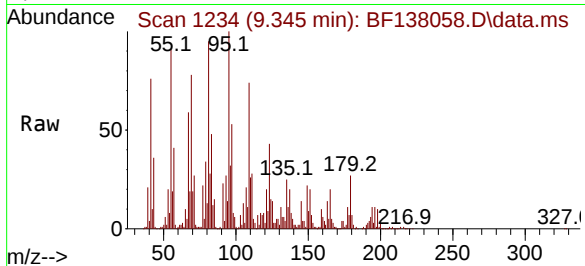




#44
2,4,5-Trichlorophenol
Concen: 313.414 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

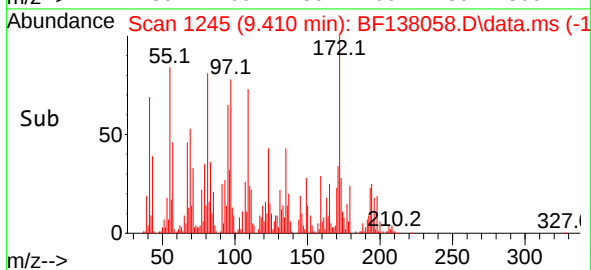
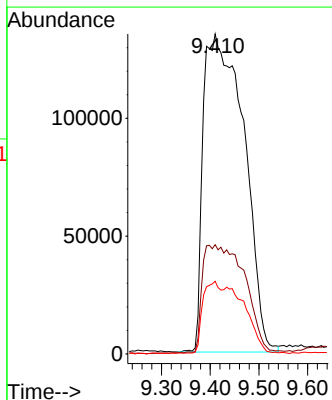
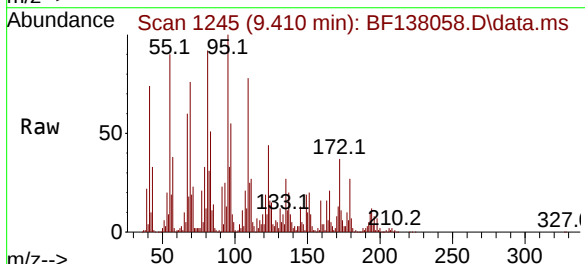
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

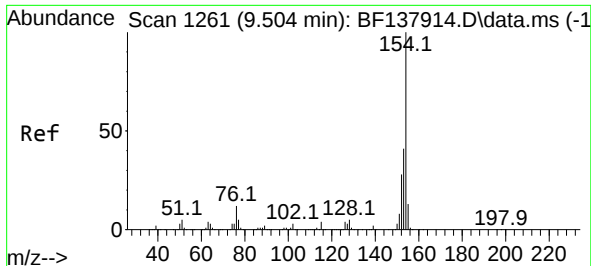
Tgt Ion:196 Resp: 115208
Ion Ratio Lower Upper
196 100
198 86.9 77.4 116.0
97 477.7 32.9 49.3#
132 52.7 21.0 31.6#



#45
2-Fluorobiphenyl
Concen: 636.909 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:172 Resp: 779273
Ion Ratio Lower Upper
172 100
171 34.2 28.9 43.3
170 22.7 18.9 28.3

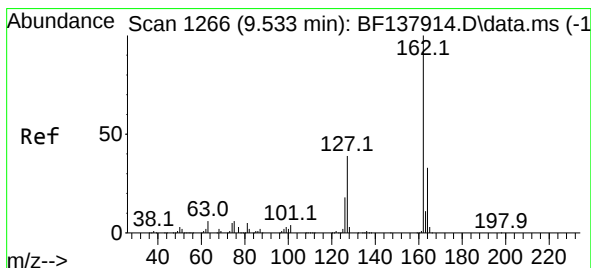
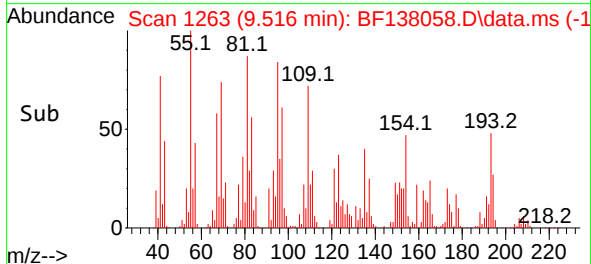
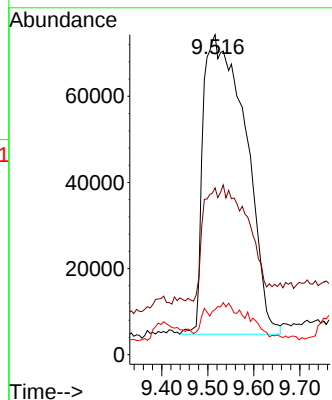
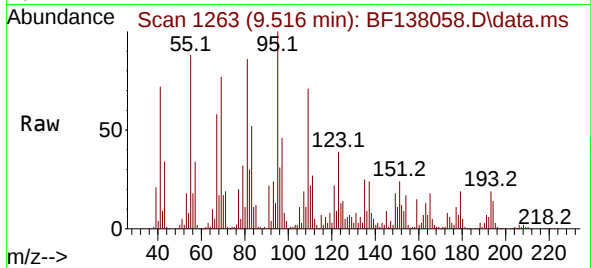




#46
1,1'-Biphenyl
Concen: 335.258 ng
RT: 9.516 min Scan# 1263
Delta R.T. 0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

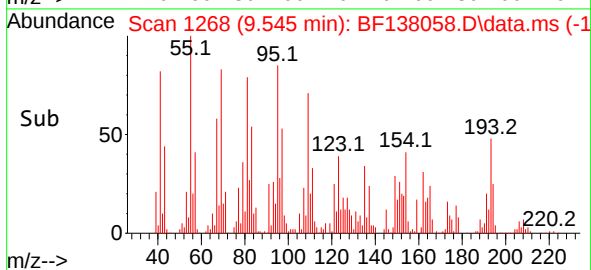
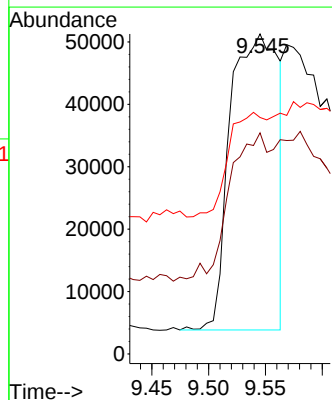
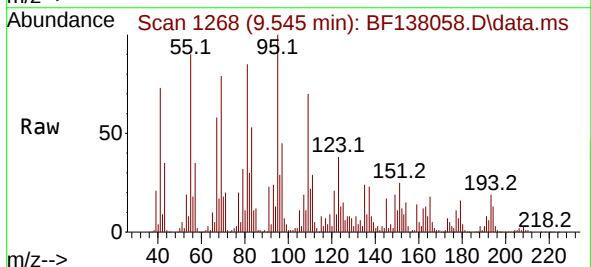
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

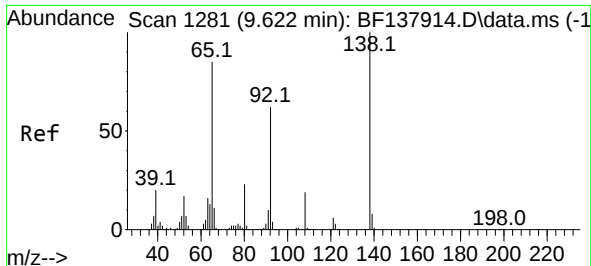
Tgt Ion:154 Resp: 443180
Ion Ratio Lower Upper
154 100
153 52.1 21.3 61.3
76 14.1 0.0 31.9



#47
2-Chloronaphthalene
Concen: 132.180 ng
RT: 9.545 min Scan# 1268
Delta R.T. 0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:162 Resp: 139480
Ion Ratio Lower Upper
162 100
127 69.1 32.0 48.0#
164 73.9 26.2 39.4#

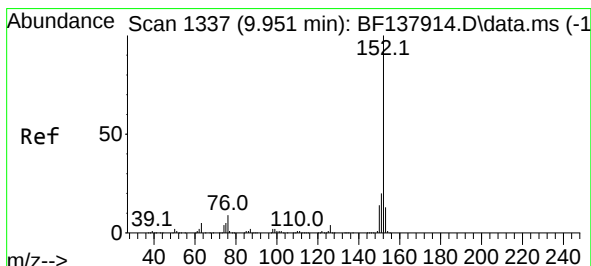
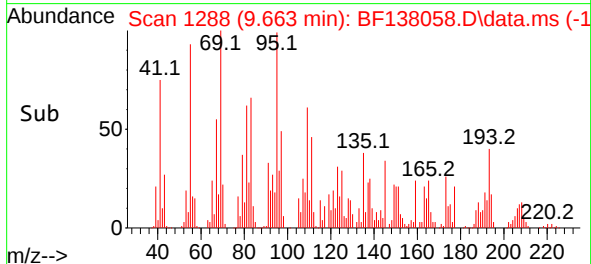
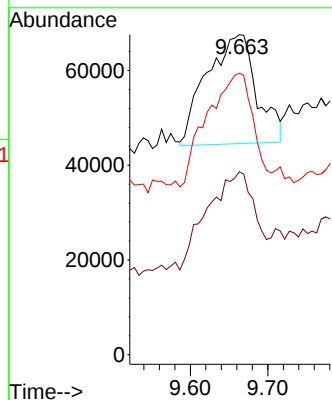
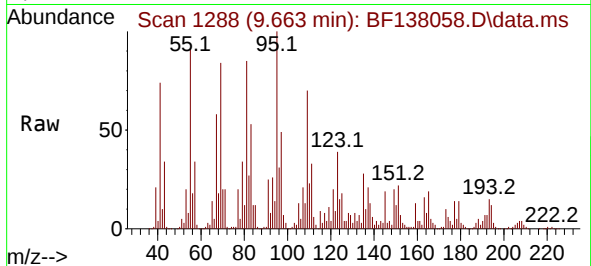




#48
2-Nitroaniline
Concen: 383.568 ng
RT: 9.663 min Scan# 1341
Delta R.T. 0.041 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

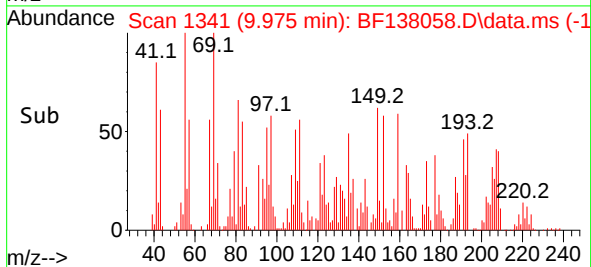
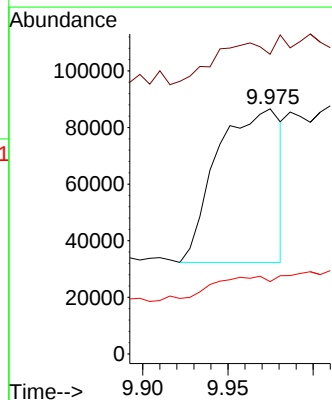
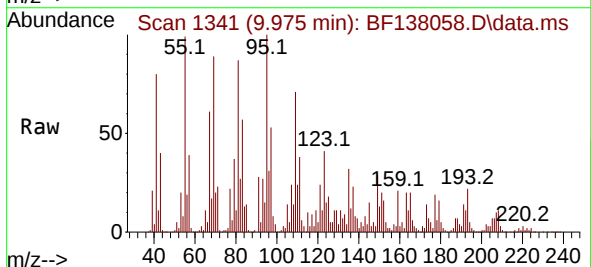
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

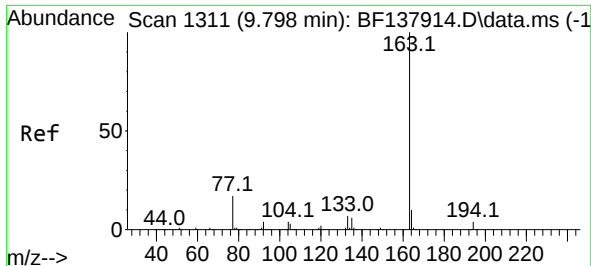
Tgt Ion: 65 Resp: 103647
Ion Ratio Lower Upper
65 100
92 57.2 58.6 88.0#
138 88.0 94.1 141.1#



#49
Acenaphthylene
Concen: 92.322 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.024 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion: 152 Resp: 140079
Ion Ratio Lower Upper
152 100
151 122.2 15.8 23.8#
153 29.5 10.2 15.4#

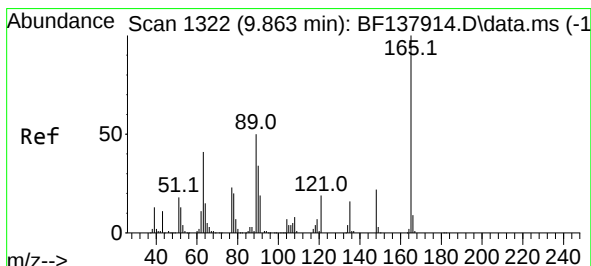
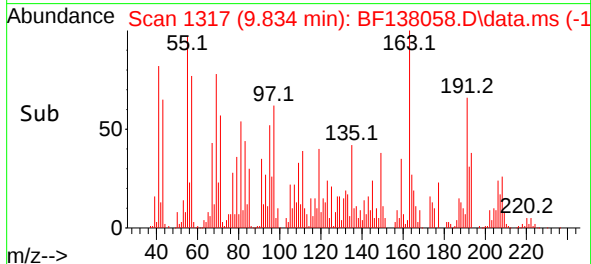
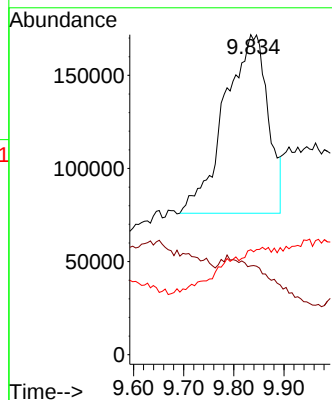
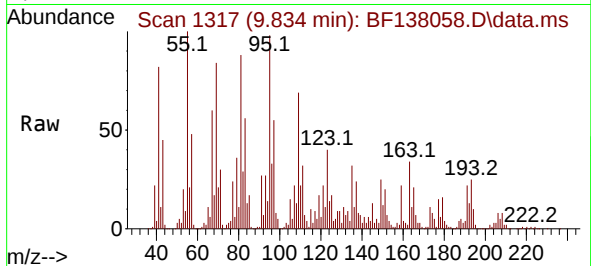




#50
Dimethylphthalate
Concen: 487.796 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.035 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

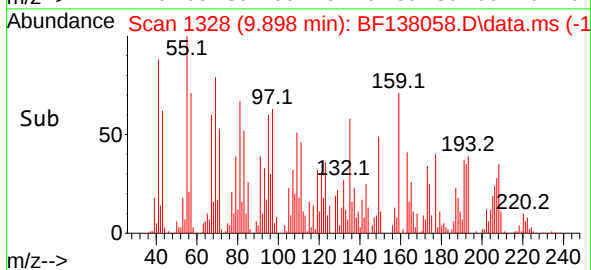
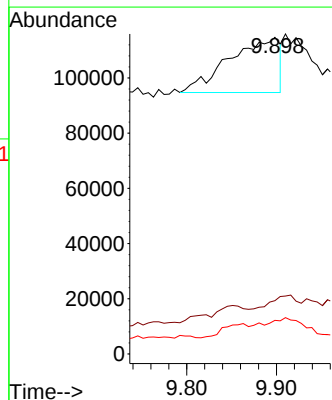
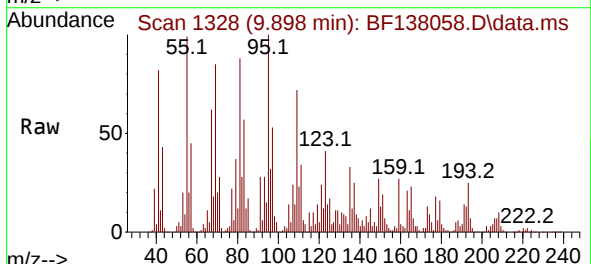
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

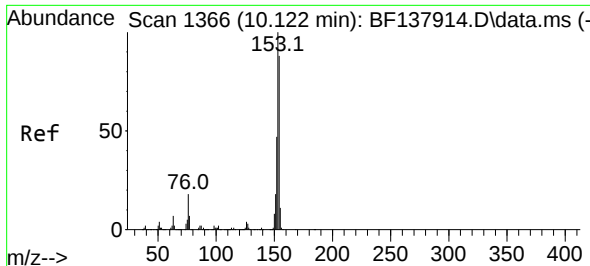
Tgt Ion:163 Resp: 576505
Ion Ratio Lower Upper
163 100
194 27.7 3.4 5.0#
164 32.8 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 286.844 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.035 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:165 Resp: 77807
Ion Ratio Lower Upper
165 100
63 16.8 38.9 58.3#
89 10.6 40.4 60.6#

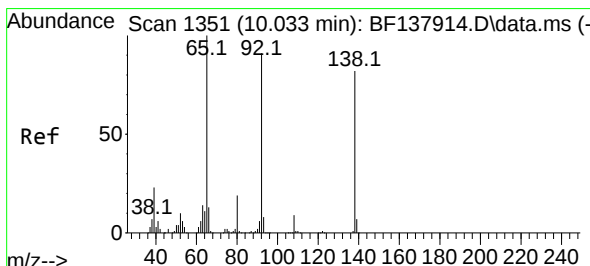
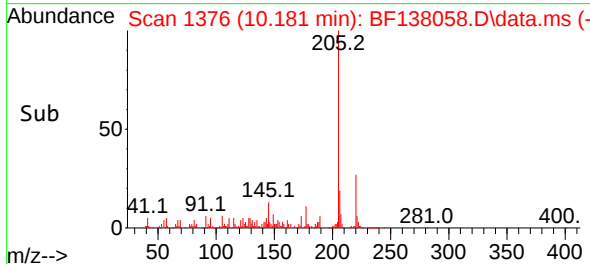
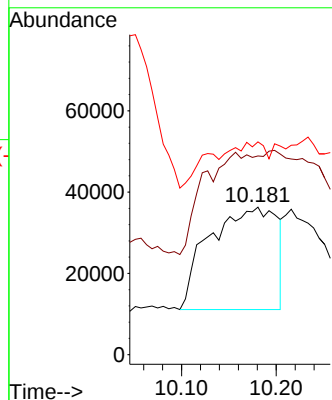
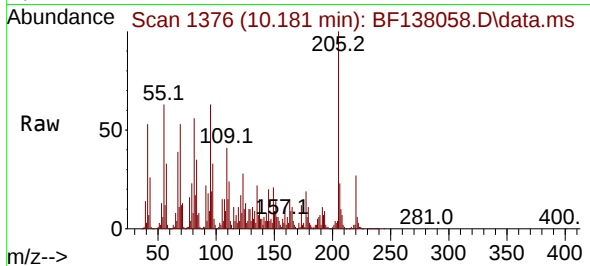




#52
Acenaphthene
Concen: 124.271 ng
RT: 10.181 min Scan# 1376
Delta R.T. 0.059 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

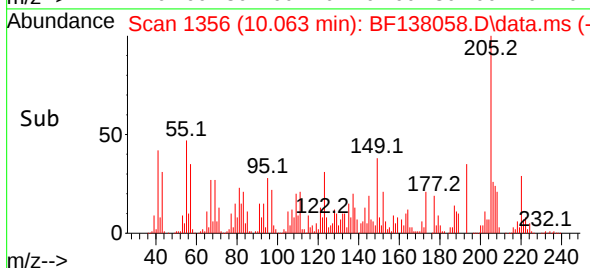
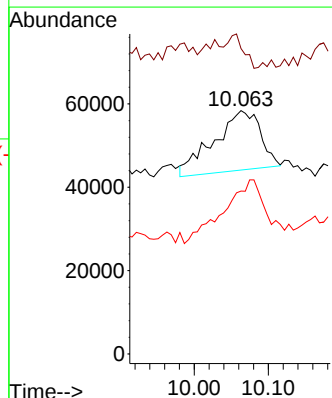
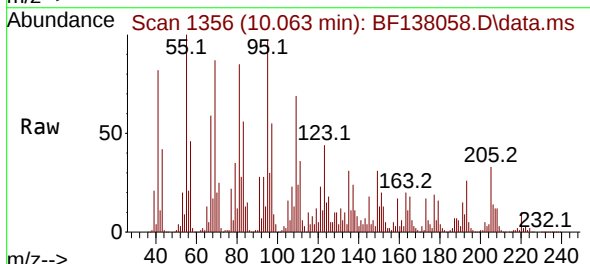
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

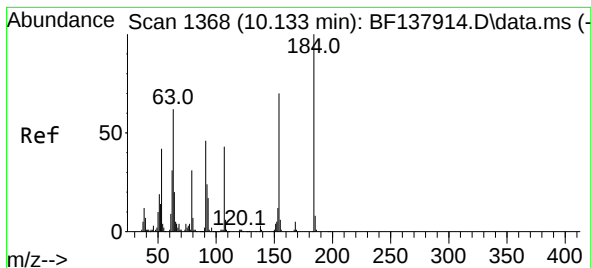
Tgt Ion:154 Resp: 124624
Ion Ratio Lower Upper
154 100
153 134.7 90.4 135.6
152 144.2 42.3 63.5#



#53
3-Nitroaniline
Concen: 235.023 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.030 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:138 Resp: 62323
Ion Ratio Lower Upper
138 100
108 125.5 8.8 13.2#
92 66.9 88.6 133.0#

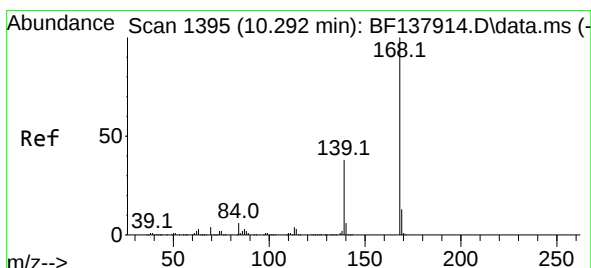
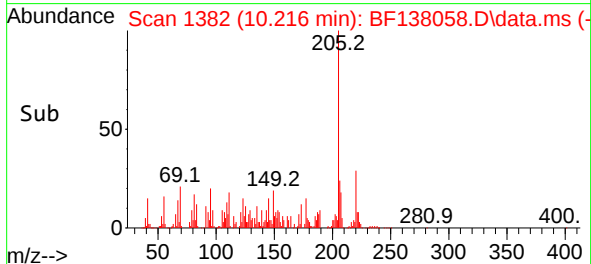
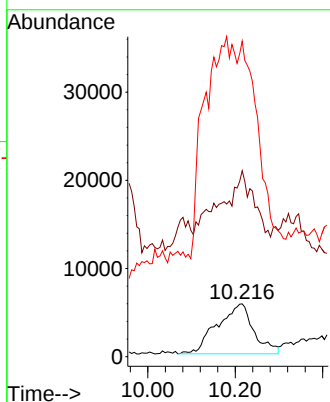
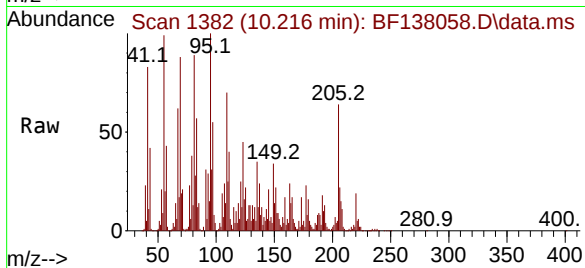




#54
2,4-Dinitrophenol
Concen: 211.980 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.083 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

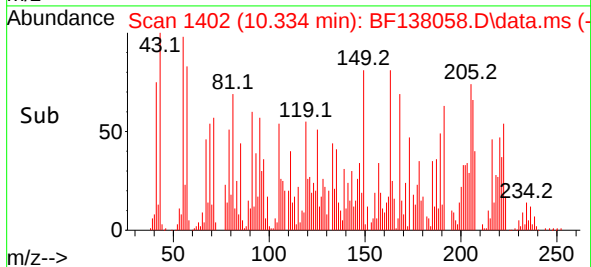
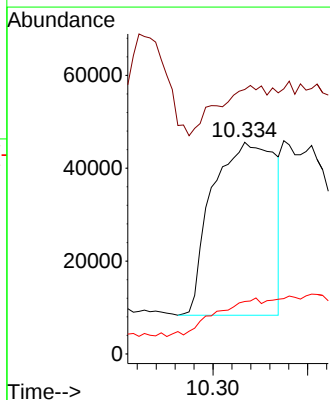
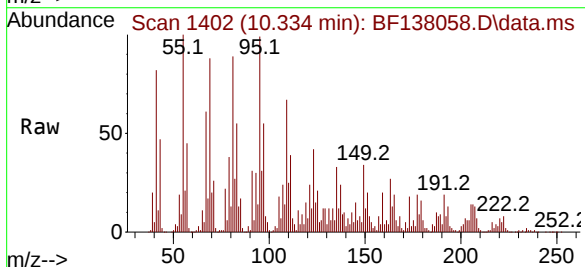
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

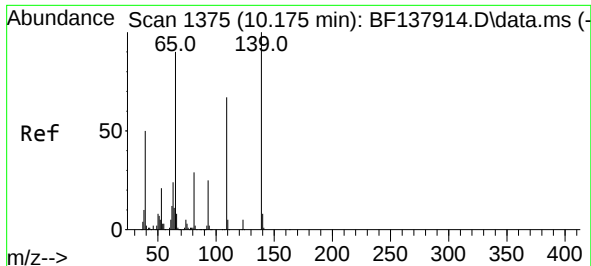
Tgt Ion:184 Resp: 32909
Ion Ratio Lower Upper
184 100
63 351.6 50.4 75.6#
154 597.0 63.7 95.5#



#55
Dibenzofuran
Concen: 116.715 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.041 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:168 Resp: 170342
Ion Ratio Lower Upper
168 100
139 124.9 30.4 45.6#
169 24.8 10.5 15.7#

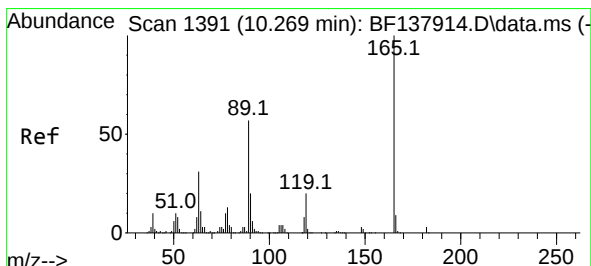
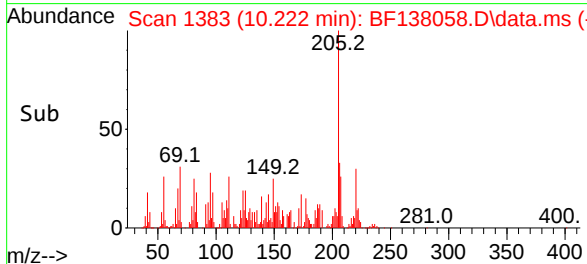
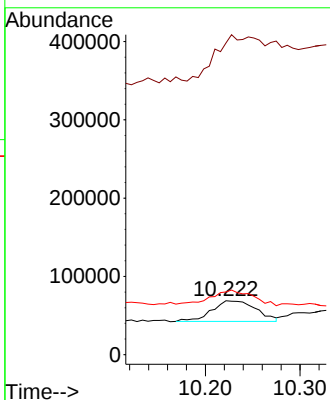
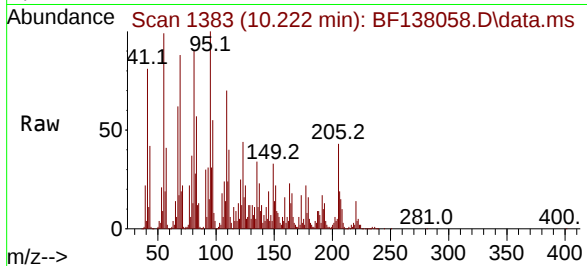




#56
4-Nitrophenol
Concen: 450.175 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.047 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

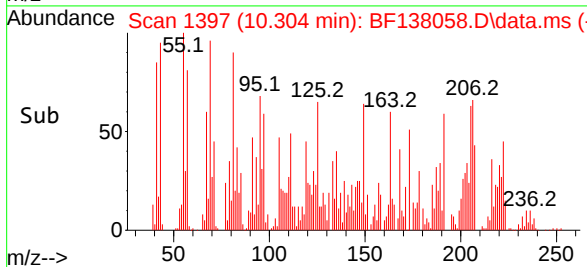
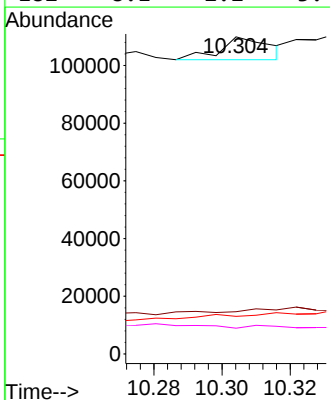
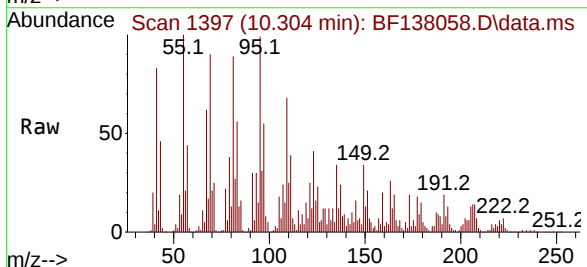
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

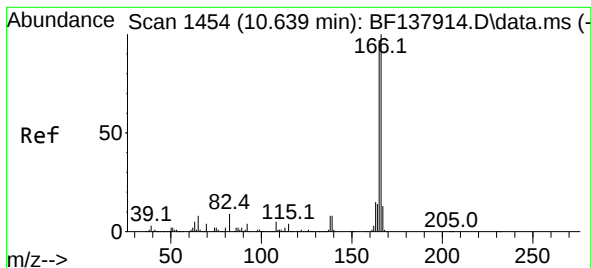
Tgt Ion:139 Resp: 85740
Ion Ratio Lower Upper
139 100
109 577.8 46.5 86.5#
65 116.2 70.4 110.4#



#57
2,4-Dinitrotoluene
Concen: 23.056 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.035 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:165 Resp: 8085
Ion Ratio Lower Upper
165 100
63 13.3 25.3 37.9#
89 11.9 45.9 68.9#
182 8.1 2.2 3.4#





#58

Fluorene

Concen: 125.236 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.077 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

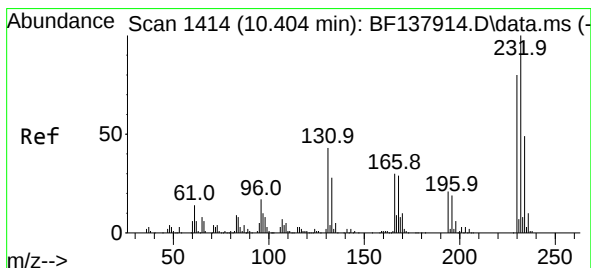
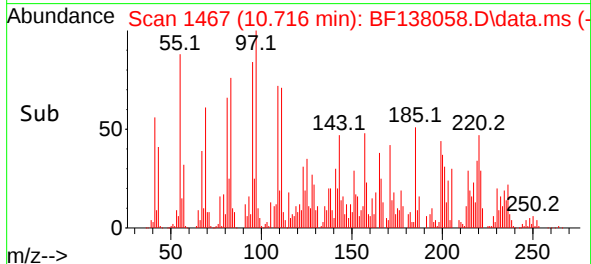
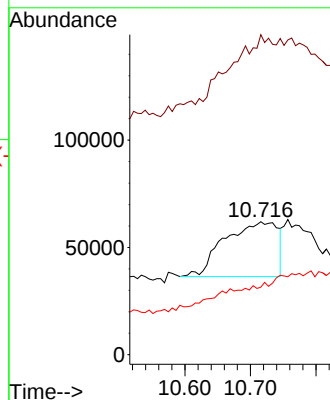
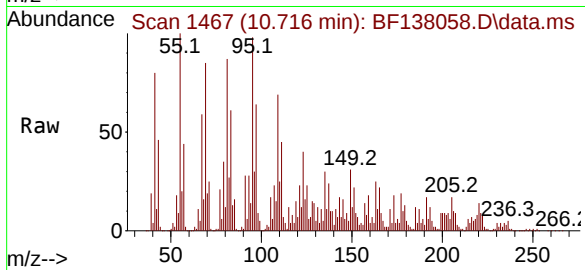
Tgt Ion:166 Resp: 144571

Ion Ratio Lower Upper

166 100

165 240.6 77.8 116.8#

167 50.8 10.4 15.6#



#59

2,3,4,6-Tetrachlorophenol

Concen: 681.134 ng

RT: 10.475 min Scan# 1426

Delta R.T. 0.071 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Tgt Ion:232 Resp: 196693

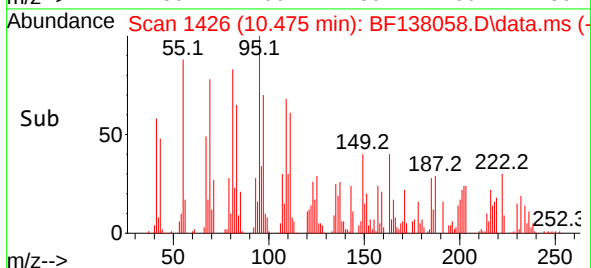
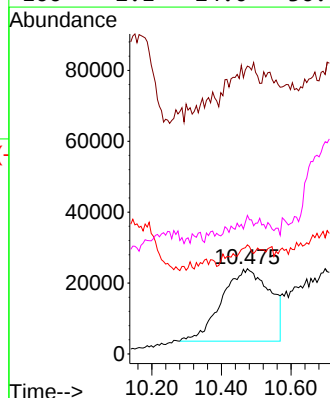
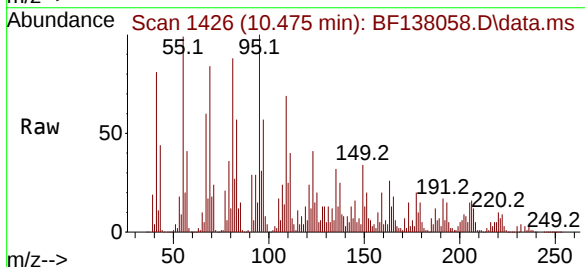
Ion Ratio Lower Upper

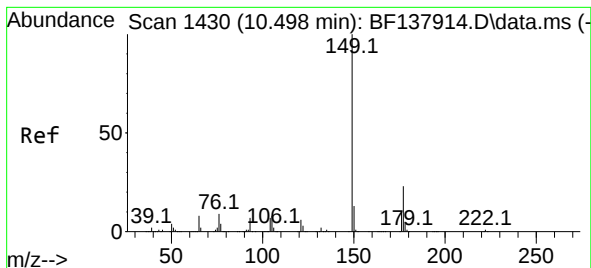
232 100

131 0.0 34.4 51.6#

130 3.0 1.7 2.5#

166 2.1 24.0 36.0#





#60

Diethylphthalate

Concen: 195.172 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.077 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

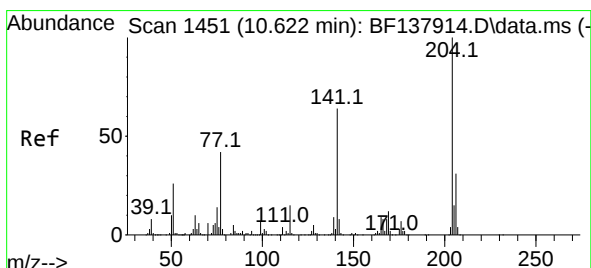
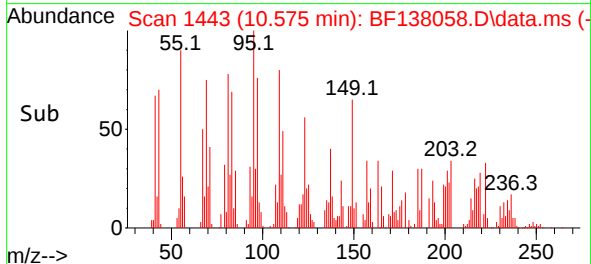
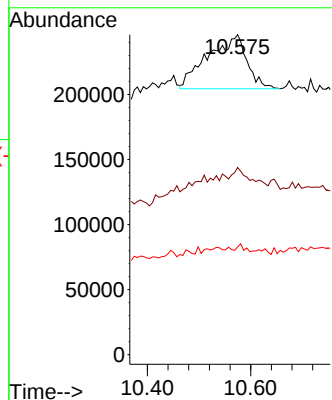
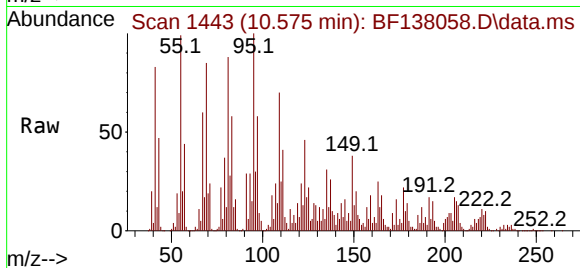
Tgt Ion:149 Resp: 215427

Ion Ratio Lower Upper

149 100

177 58.5 18.4 27.6#

150 33.7 10.1 15.1#



#61

4-Chlorophenyl-phenylether

Concen: 48.415 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.047 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

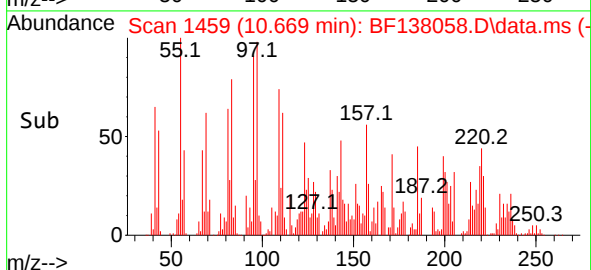
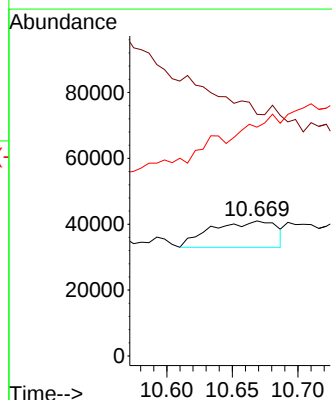
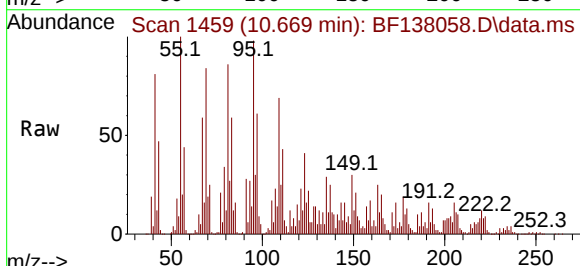
Tgt Ion:204 Resp: 27562

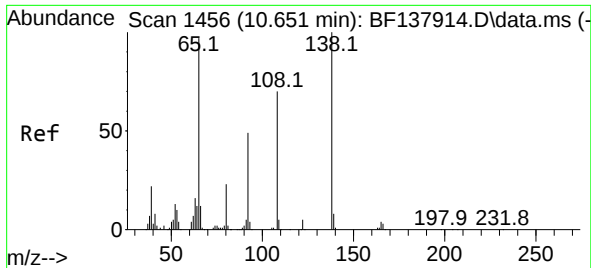
Ion Ratio Lower Upper

204 100

206 178.8 25.1 37.7#

141 169.3 51.0 76.6#

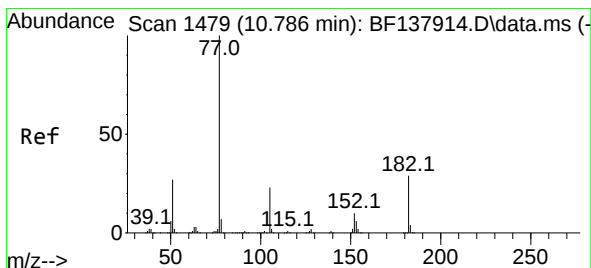
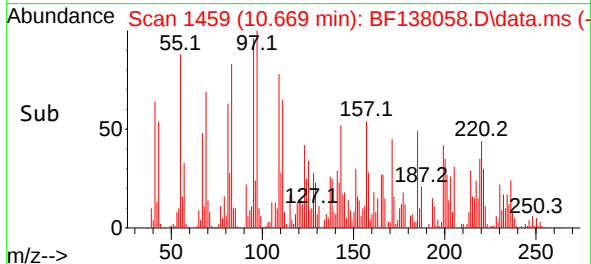
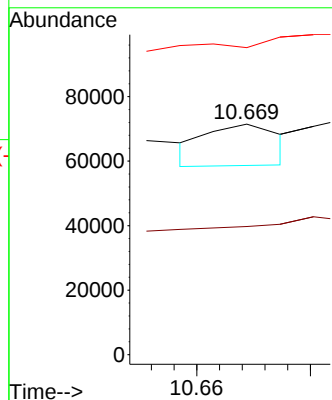
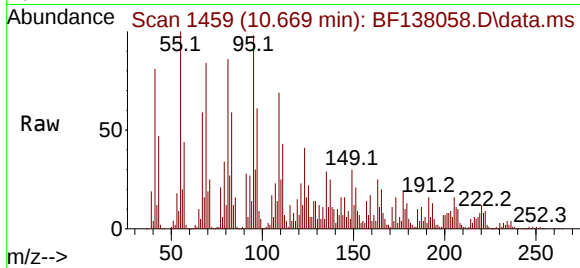




#62
4-Nitroaniline
Concen: 46.610 ng
RT: 10.669 min Scan# 1456
Delta R.T. 0.018 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

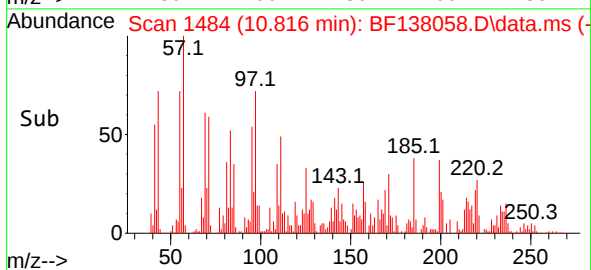
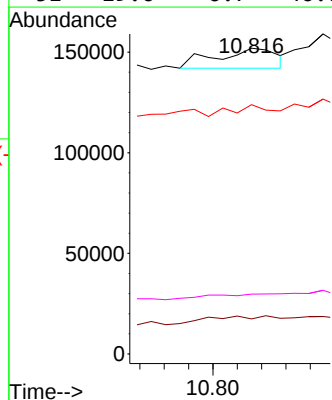
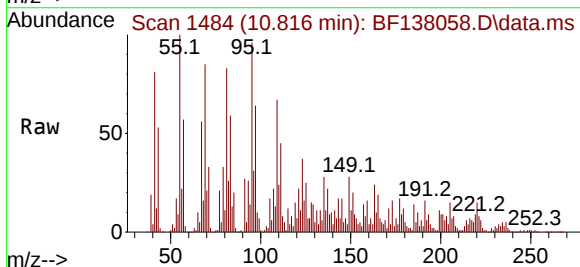
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

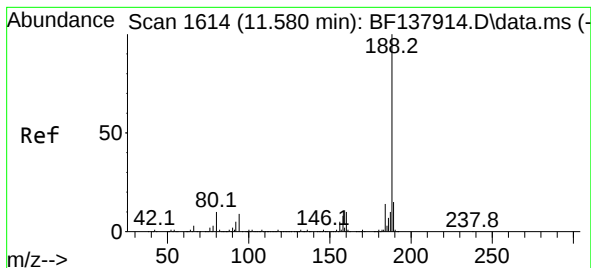
Tgt Ion:138 Resp: 11723
Ion Ratio Lower Upper
138 100
92 55.6 29.0 69.0
108 133.2 49.7 89.7#



#63
Azobenzene
Concen: 17.140 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.030 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion: 77 Resp: 17208
Ion Ratio Lower Upper
77 100
182 11.5 9.2 49.2
105 81.5 3.1 43.1#
51 19.6 6.7 46.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.622 min Scan# 1

Delta R.T. 0.041 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

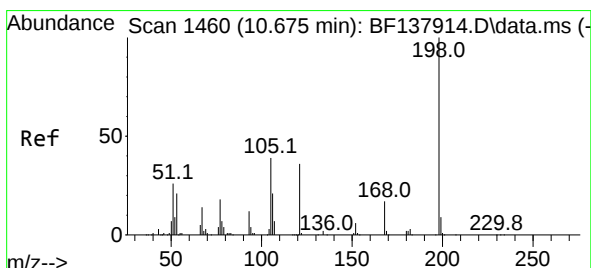
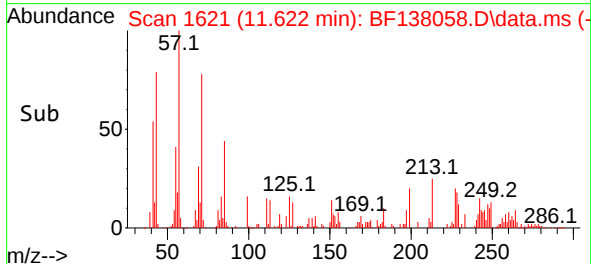
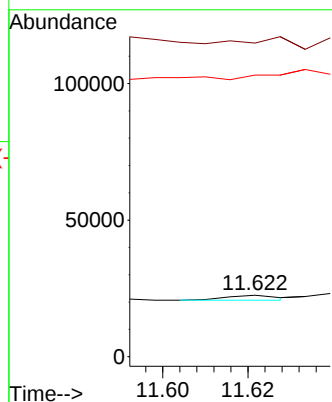
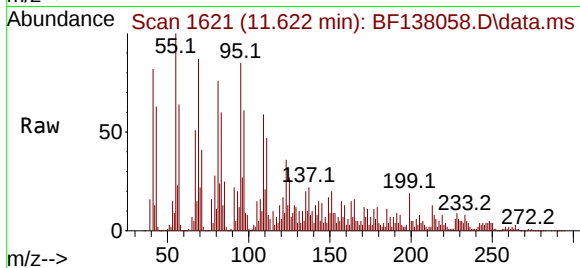
Tgt Ion:188 Resp: 1516

Ion Ratio Lower Upper

188 100

94 510.5 7.0 10.4#

80 458.3 7.7 11.5#



#65

4,6-Dinitro-2-methylphenol

Concen: 570.288 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.017 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

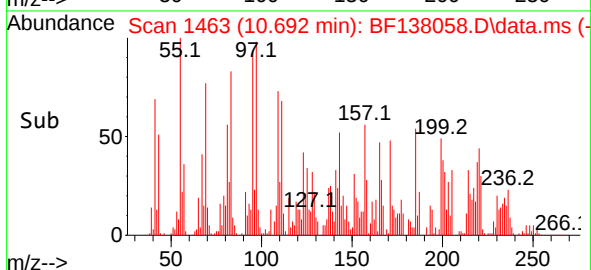
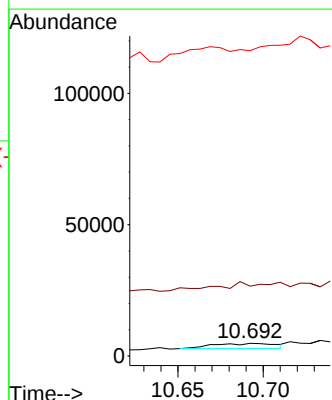
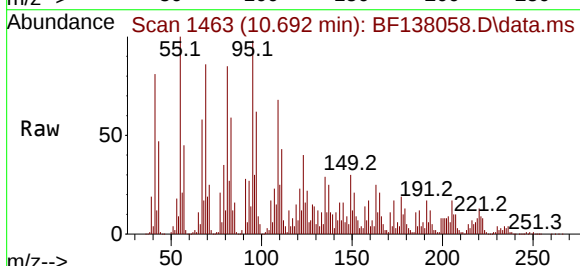
Tgt Ion:198 Resp: 4992

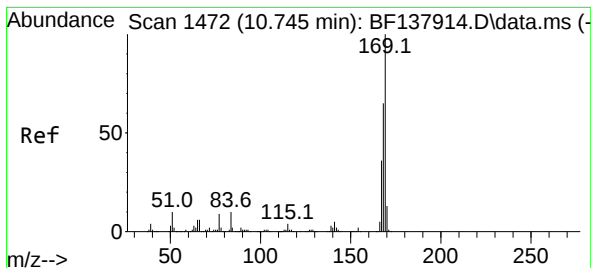
Ion Ratio Lower Upper

198 100

51 551.2 13.8 53.8#

105 2412.5 19.0 59.0#





#66

n-Nitrosodiphenylamine

Concen: 5583.807 ng

RT: 10.851 min Scan# 1472

Delta R.T. 0.106 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

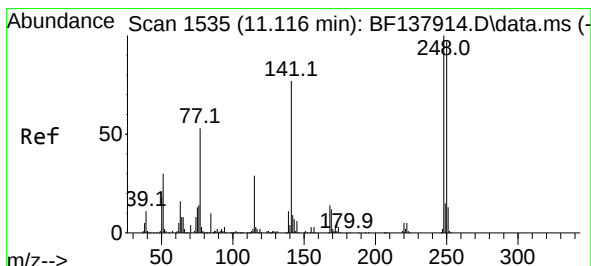
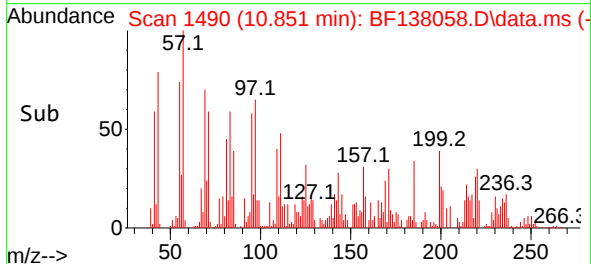
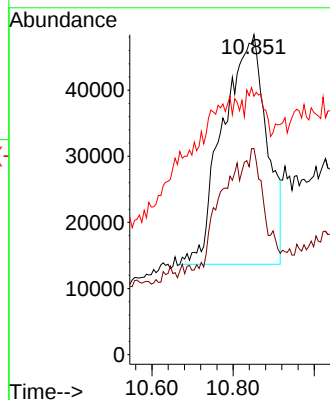
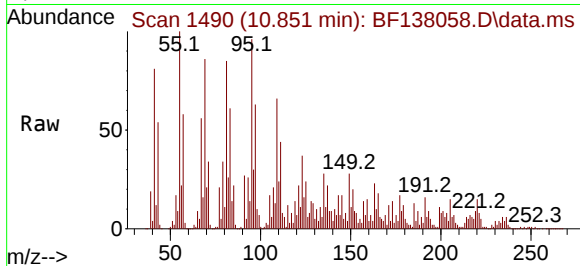
Tgt Ion:169 Resp: 259597

Ion Ratio Lower Upper

169 100

168 64.4 52.4 78.6

167 80.7 28.9 43.3#



#67

4-Bromophenyl-phenylether

Concen: 119.316 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.029 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

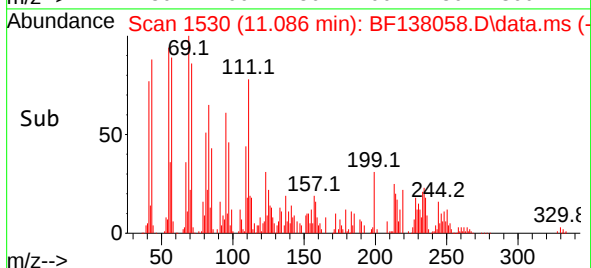
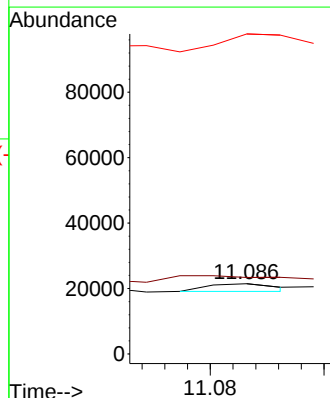
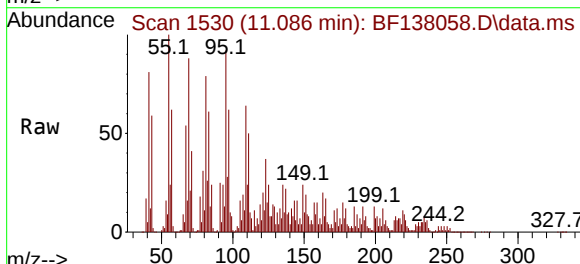
Tgt Ion:248 Resp: 1983

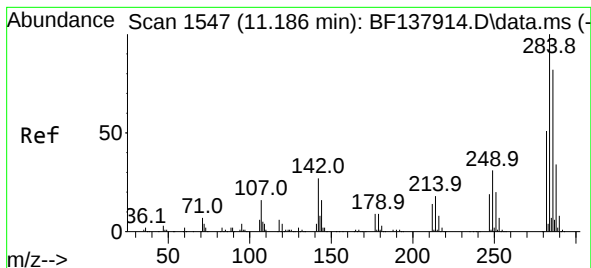
Ion Ratio Lower Upper

248 100

250 108.9 77.6 116.4

141 455.9 61.4 92.2#





#68

Hexachlorobenzene

Concen: 551.734 ng

RT: 11.281 min Scan# 1563

Delta R.T. 0.094 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

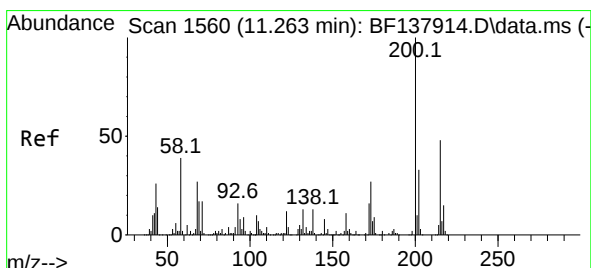
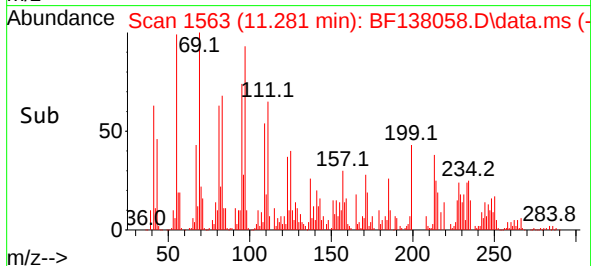
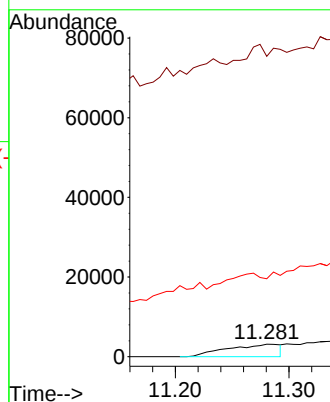
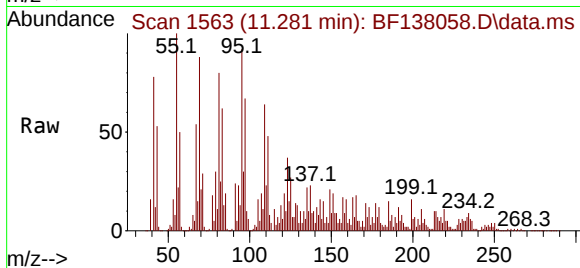
Tgt Ion:284 Resp: 10136

Ion Ratio Lower Upper

284 100

142 2400.0 21.3 31.9#

249 623.3 24.6 37.0#



#69

Atrazine

Concen: 703.339 ng

RT: 11.328 min Scan# 1571

Delta R.T. 0.065 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

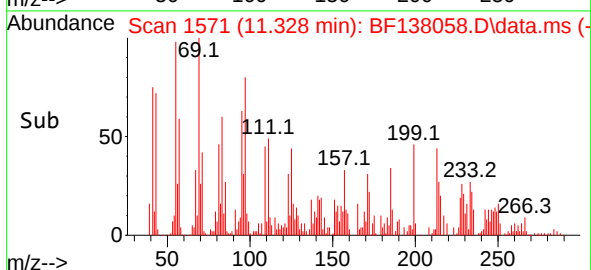
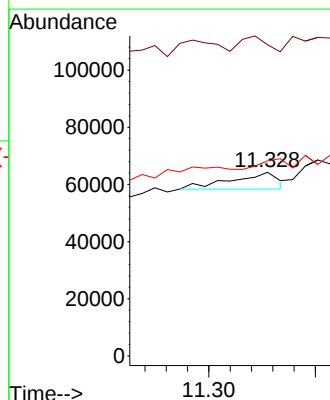
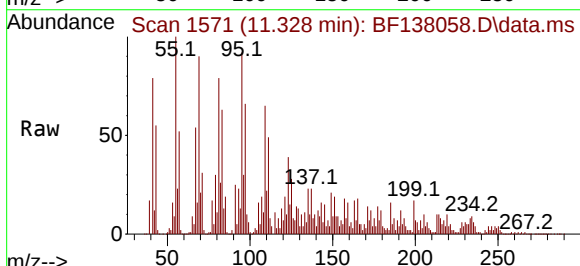
Tgt Ion:200 Resp: 8929

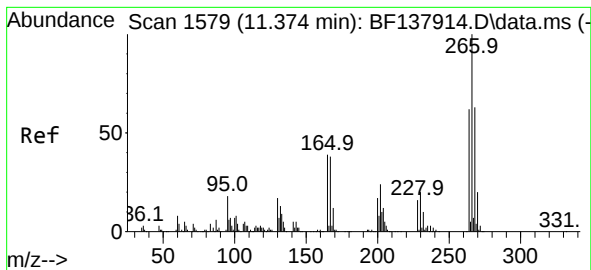
Ion Ratio Lower Upper

200 100

173 169.4 6.6 46.6#

215 106.2 27.5 67.5#





#70

Pentachlorophenol

Concen: 4975.184 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.029 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

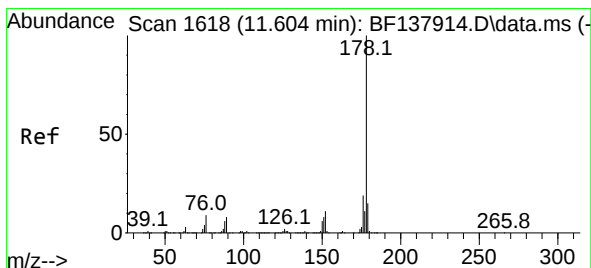
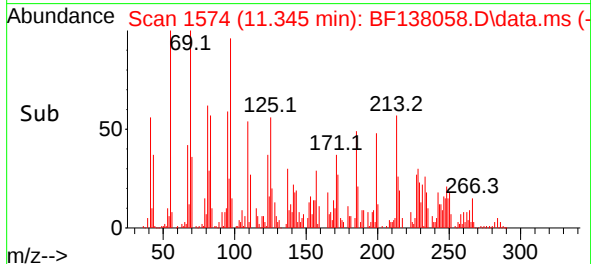
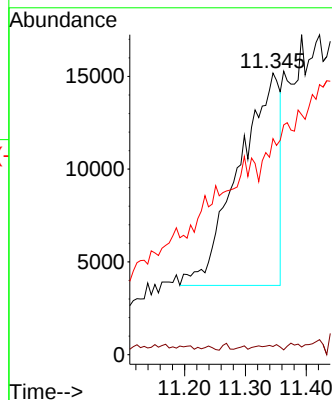
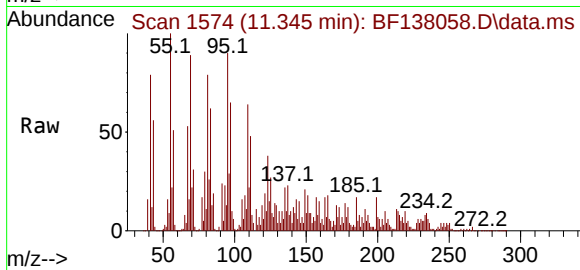
Tgt Ion:266 Resp: 53539

Ion Ratio Lower Upper

266 100

268 2.9 50.1 75.1#

264 76.7 49.4 74.2#



#71

Phenanthrene

Concen: 4751.007 ng

RT: 11.828 min Scan# 1656

Delta R.T. 0.224 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

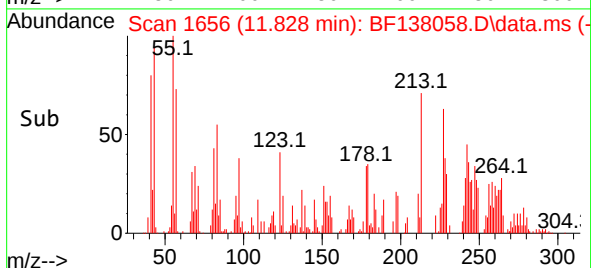
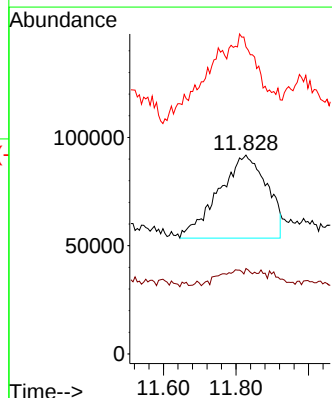
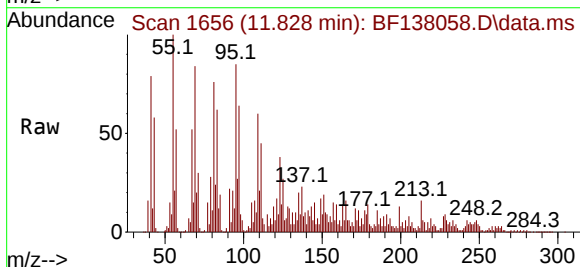
Tgt Ion:178 Resp: 354934

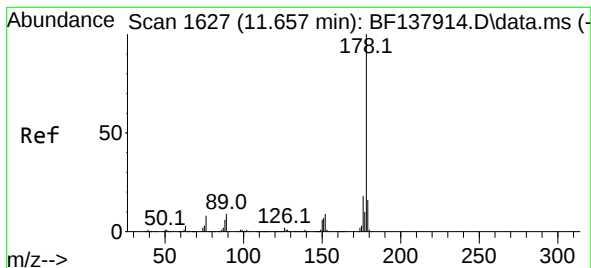
Ion Ratio Lower Upper

178 100

176 43.0 15.2 22.8#

179 154.4 12.2 18.4#





#72

Anthracene

Concen: 4941.754 ng

RT: 11.828 min Scan# 1

Delta R.T. 0.171 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

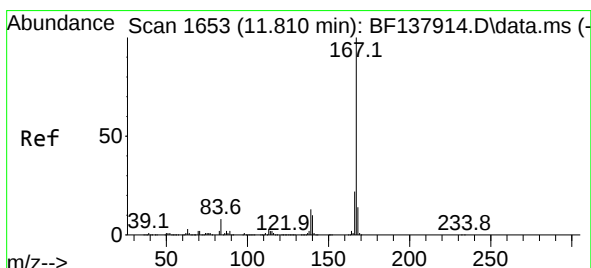
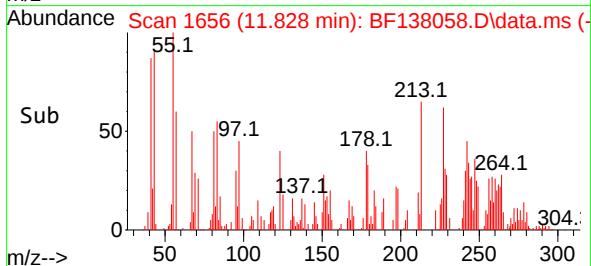
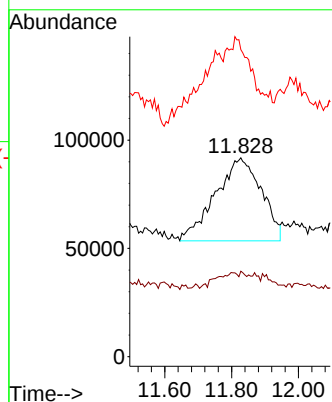
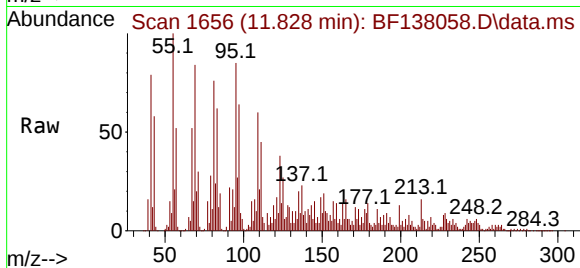
Tgt Ion:178 Resp: 366298

Ion Ratio Lower Upper

178 100

176 43.0 14.7 22.1#

179 154.4 12.4 18.6#



#73

Carbazole

Concen: 99.349 ng

RT: 11.798 min Scan# 1651

Delta R.T. -0.012 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

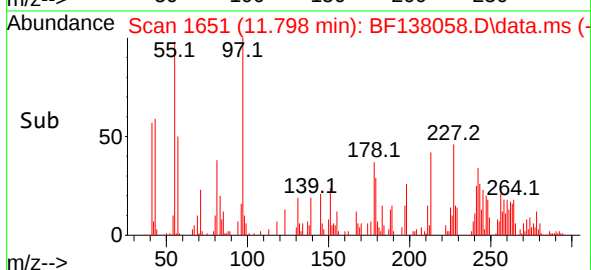
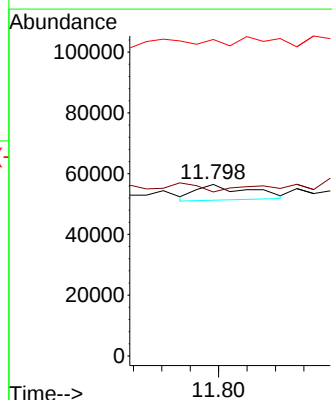
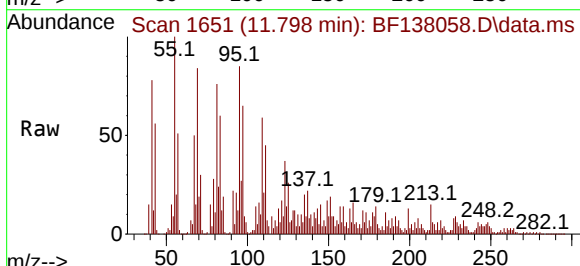
Tgt Ion:167 Resp: 6727

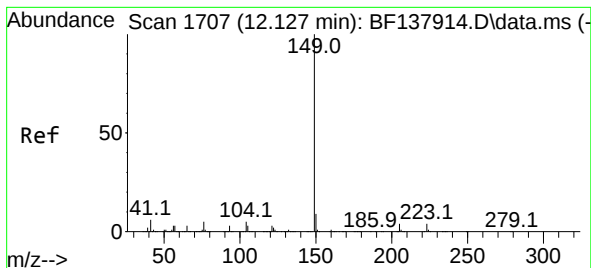
Ion Ratio Lower Upper

167 100

166 95.6 17.3 25.9#

139 184.5 10.3 15.5#





#74

Di-n-butylphthalate

Concen: 262.667 ng

RT: 12.163 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

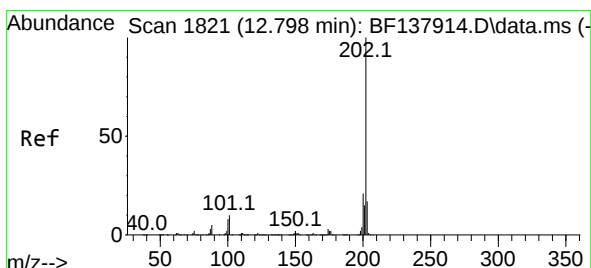
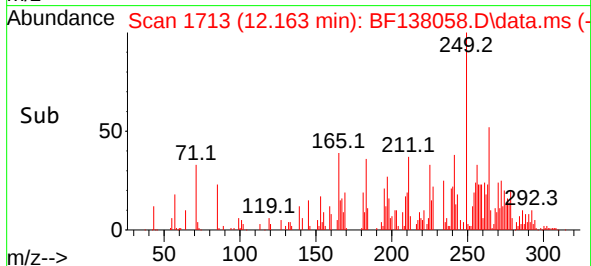
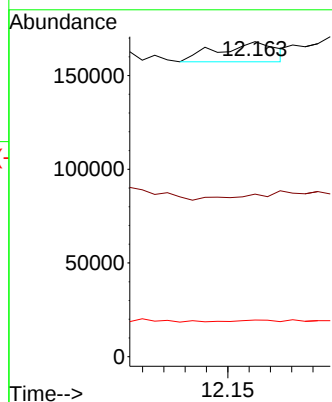
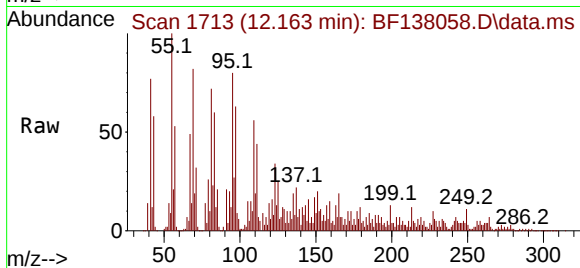
Tgt Ion:149 Resp: 19738

Ion Ratio Lower Upper

149 100

150 51.6 7.4 11.2#

104 11.6 3.6 5.4#



#75

Fluoranthene

Concen: 165.767 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.071 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

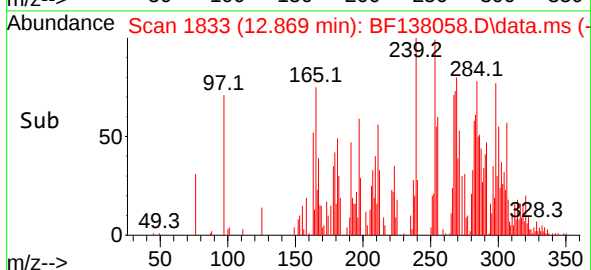
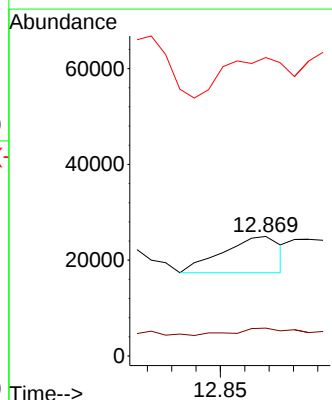
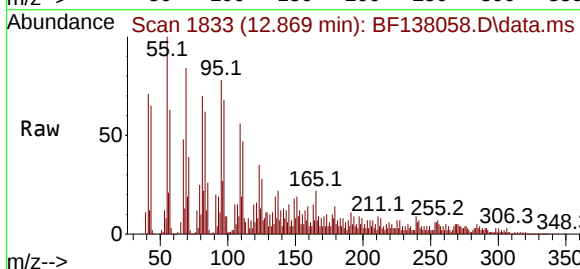
Tgt Ion:202 Resp: 12570

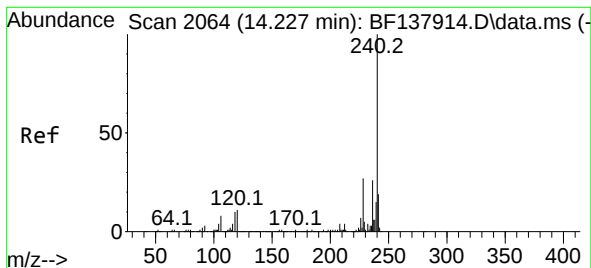
Ion Ratio Lower Upper

202 100

101 23.3 0.0 30.5

203 249.7 0.0 37.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.304 min Scan# 2064

Delta R.T. 0.077 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

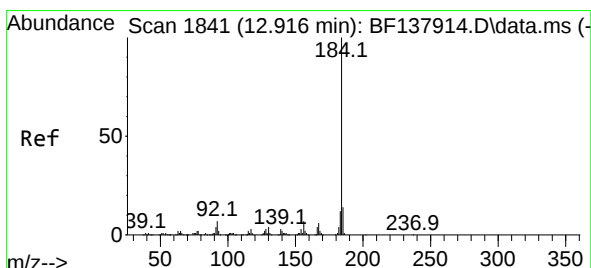
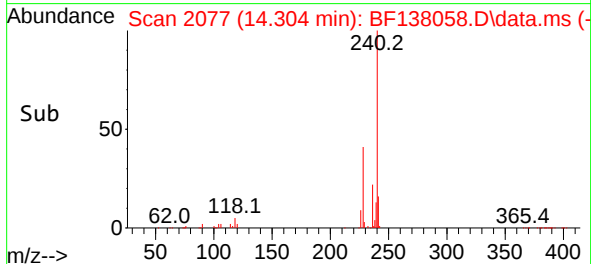
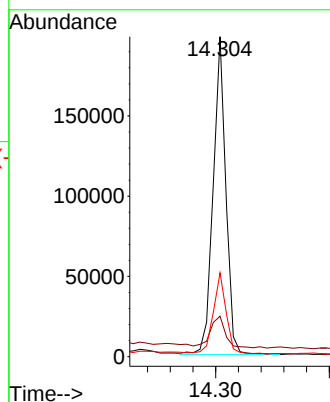
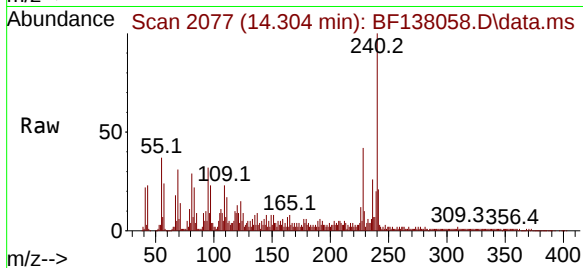
Tgt Ion:240 Resp: 153629

Ion Ratio Lower Upper

240 100

120 12.6 8.9 13.3

236 26.2 21.0 31.4



#77

Benzidine

Concen: 4.739 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.076 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

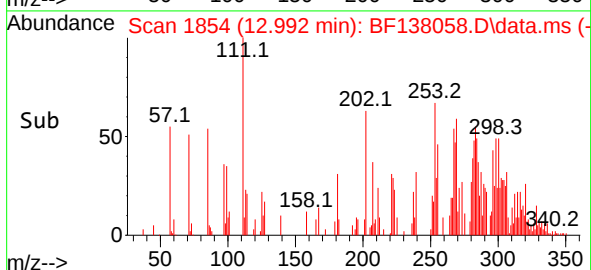
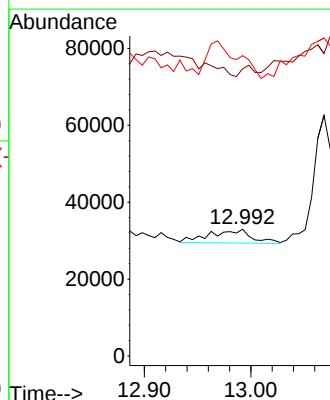
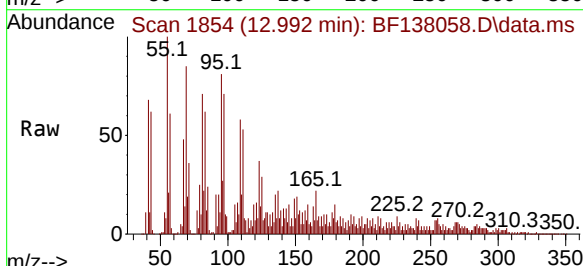
Tgt Ion:184 Resp: 9514

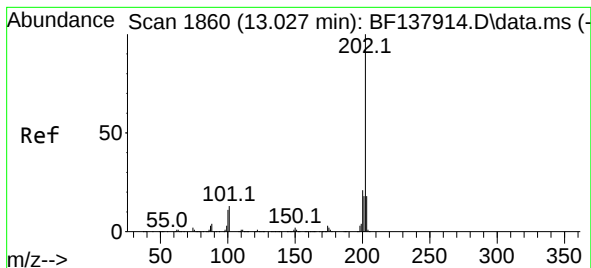
Ion Ratio Lower Upper

184 100

185 226.7 11.4 17.2#

183 237.0 9.5 14.3#





#78

Pyrene

Concen: 12.728 ng

RT: 13.027 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

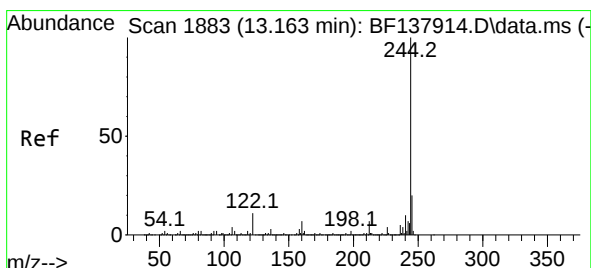
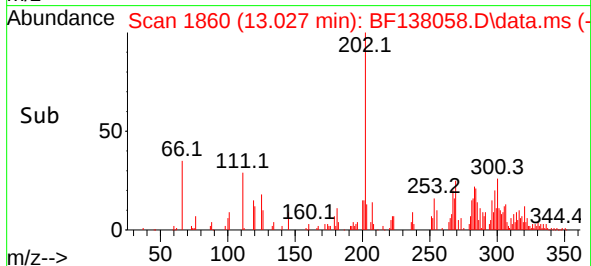
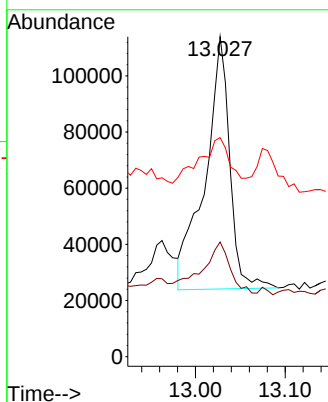
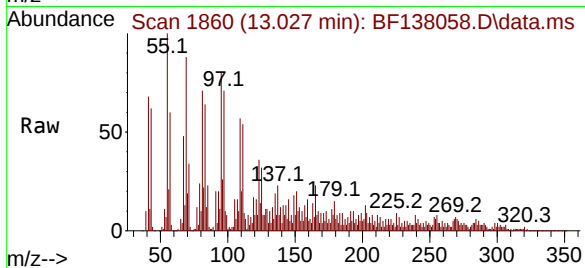
Tgt Ion:202 Resp: 171021

Ion Ratio Lower Upper

202 100

200 35.9 17.0 25.4#

203 68.5 14.1 21.1#



#79

Terphenyl-d14

Concen: 3.981 ng

RT: 13.263 min Scan# 1900

Delta R.T. 0.100 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

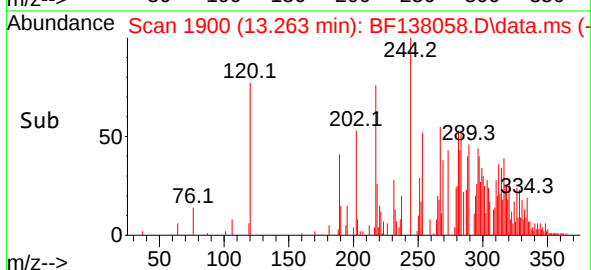
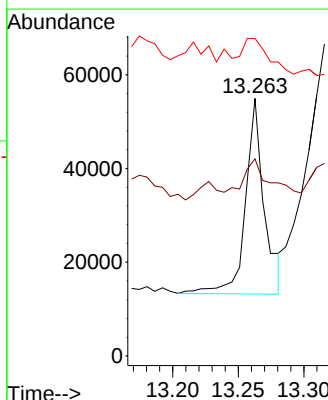
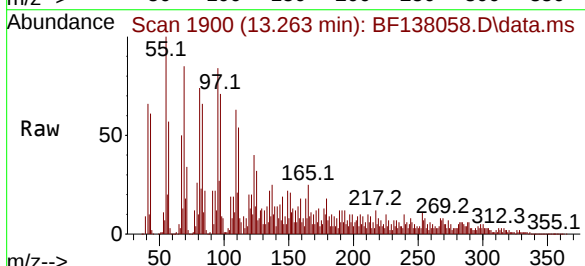
Tgt Ion:244 Resp: 41496

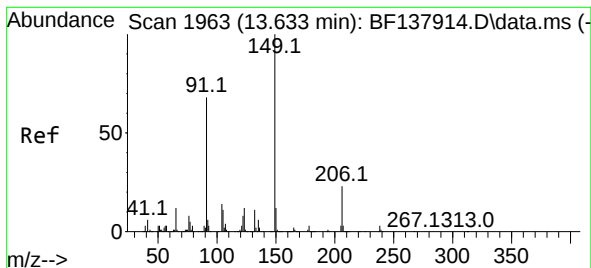
Ion Ratio Lower Upper

244 100

212 76.5 5.6 8.4#

122 123.2 8.8 13.2#





#80

Butylbenzylphthalate

Concen: 75.381 ng

RT: 13.727 min Scan# 1963

Delta R.T. 0.094 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

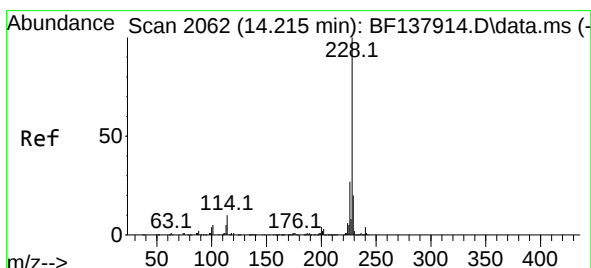
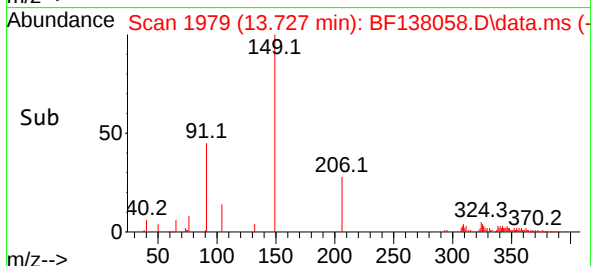
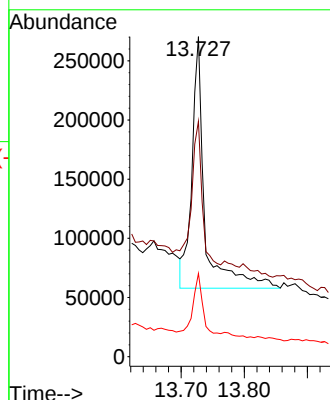
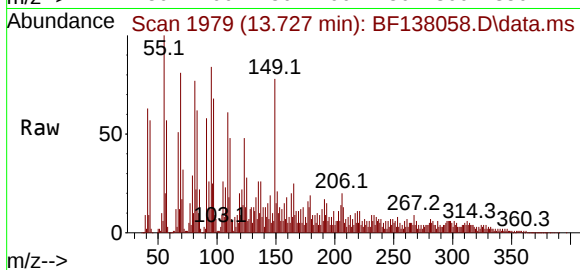
Tgt Ion:149 Resp: 305518

Ion Ratio Lower Upper

149 100

91 73.5 54.2 81.4

206 26.0 18.1 27.1



#81

Benzo(a)anthracene

Concen: 46.327 ng

RT: 14.292 min Scan# 2075

Delta R.T. 0.077 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

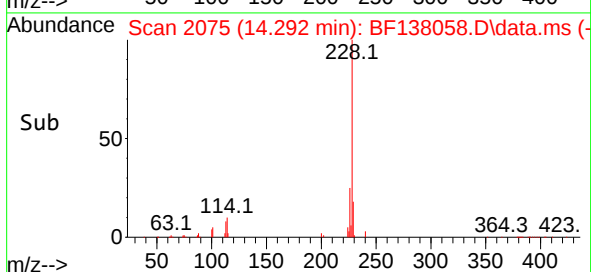
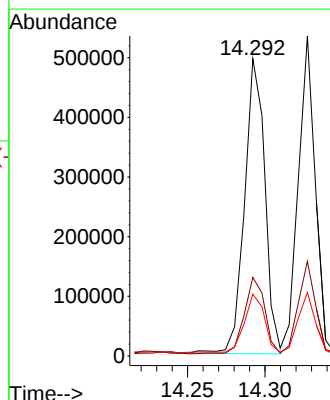
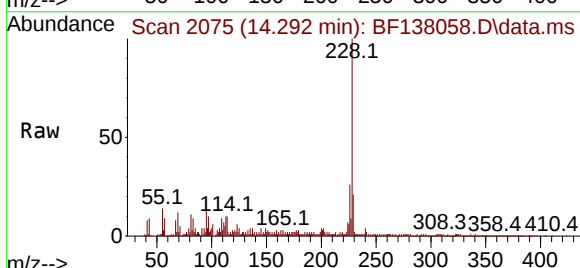
Tgt Ion:228 Resp: 450282

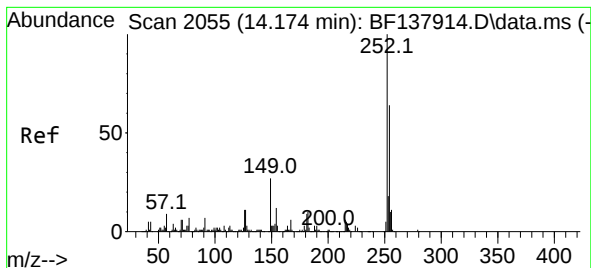
Ion Ratio Lower Upper

228 100

226 26.4 21.3 31.9

229 20.8 15.7 23.5

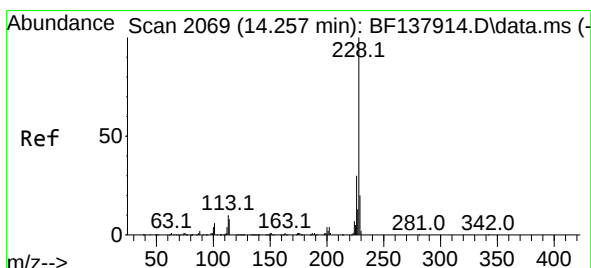
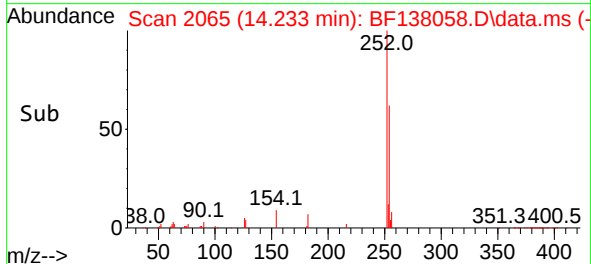
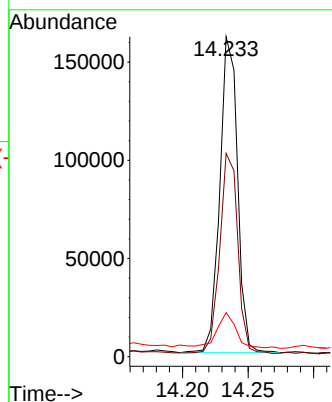
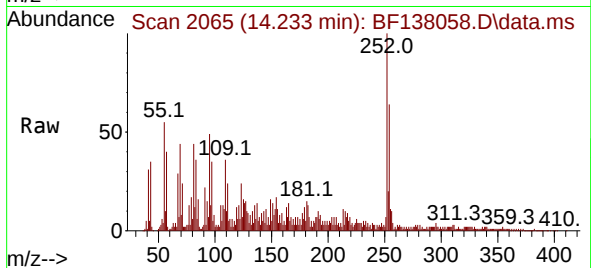




#82
3,3'-Dichlorobenzidine
Concen: 56.120 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.059 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

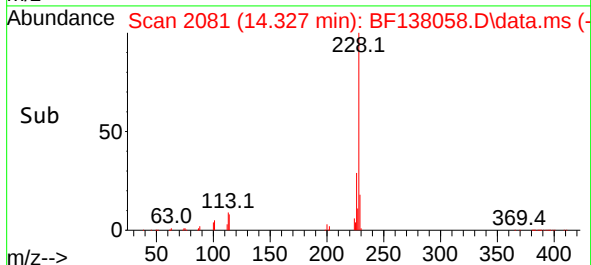
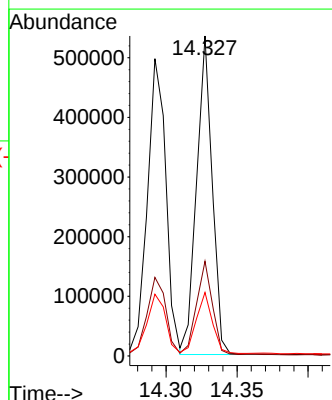
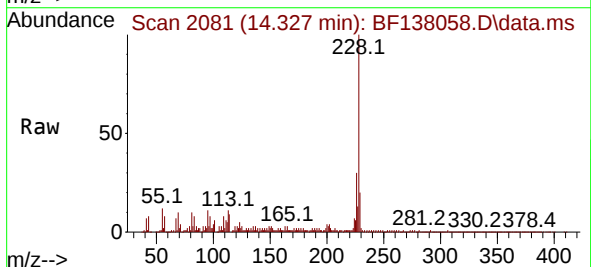
Instrument :
BNA_F
ClientSampleId :
EXPE2MS

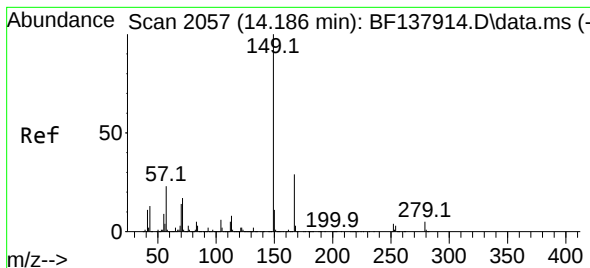
Tgt Ion:252 Resp: 151163
Ion Ratio Lower Upper
252 100
254 63.5 51.2 76.8
126 13.7 8.7 13.1#



#83
Chrysene
Concen: 44.083 ng
RT: 14.327 min Scan# 2081
Delta R.T. 0.071 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:228 Resp: 409778
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 19.9 15.6 23.4

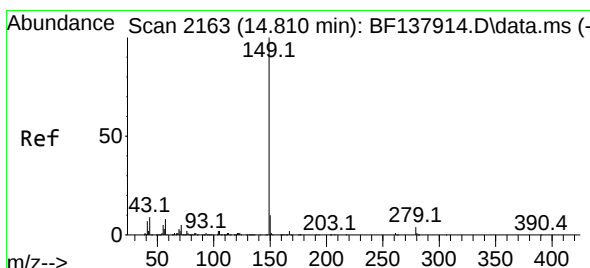
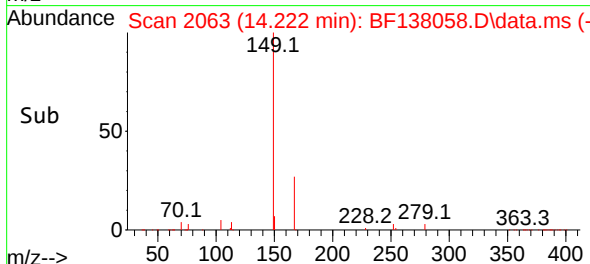
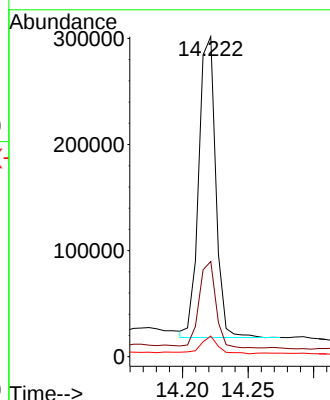
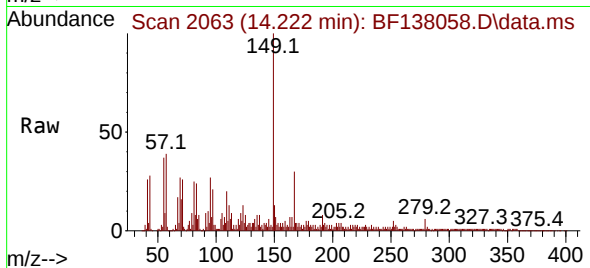




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.302 ng
 RT: 14.222 min Scan# 2057
 Delta R.T. 0.035 min
 Lab File: BF138058.D
 Acq: 29 May 2024 14:43

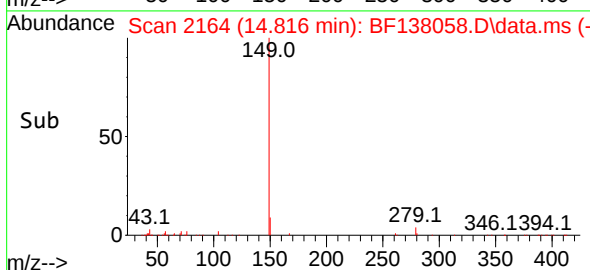
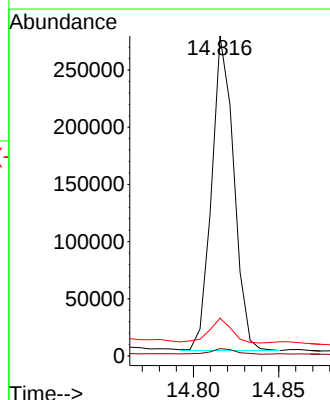
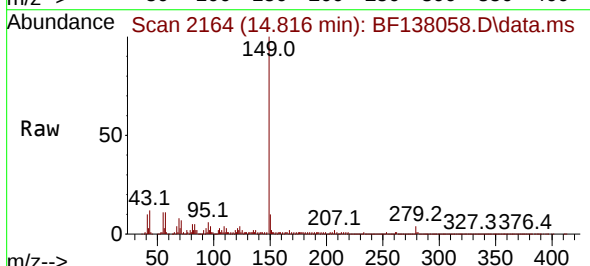
Instrument :
 BNA_F
 ClientSampleId :
 EXPE2MS

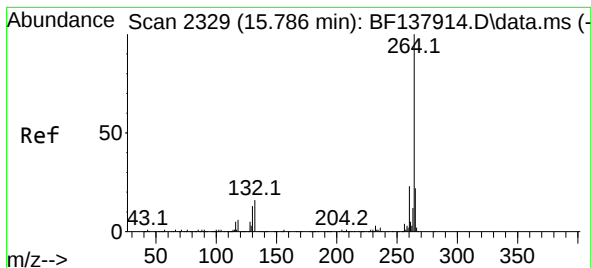
Tgt Ion:149 Resp: 256279
 Ion Ratio Lower Upper
 149 100
 167 29.7 23.2 34.8
 279 6.4 4.1 6.1#



#85
 Di-n-octyl phthalate
 Concen: 36.272 ng
 RT: 14.816 min Scan# 2164
 Delta R.T. 0.006 min
 Lab File: BF138058.D
 Acq: 29 May 2024 14:43

Tgt Ion:149 Resp: 249655
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 7.8 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

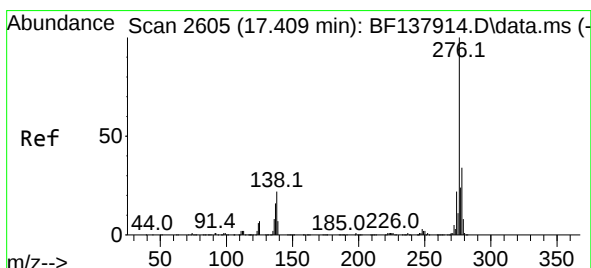
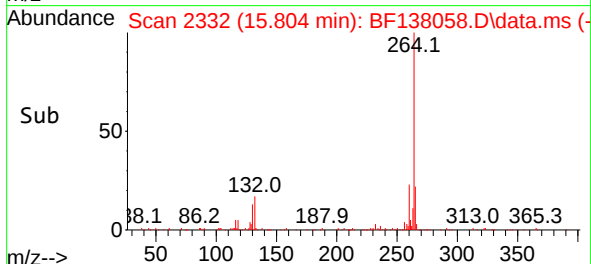
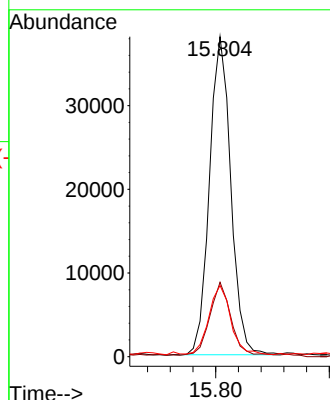
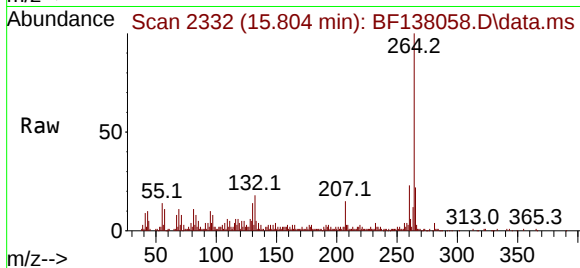
Tgt Ion:264 Resp: 49654

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 22.3 17.6 26.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 52.856 ng

RT: 17.427 min Scan# 2608

Delta R.T. 0.018 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

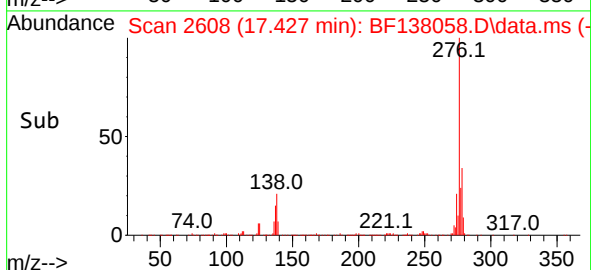
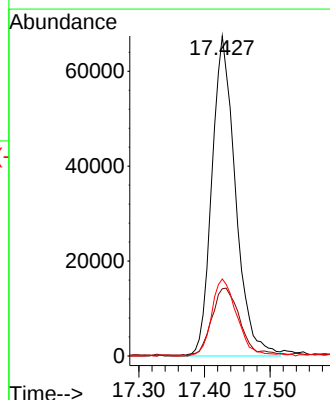
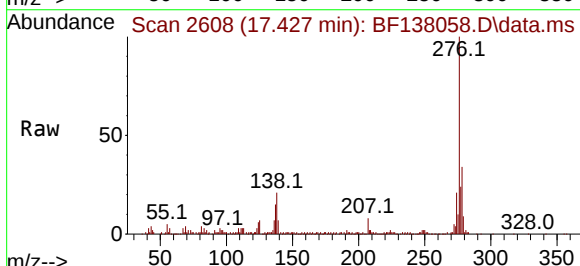
Tgt Ion:276 Resp: 168616

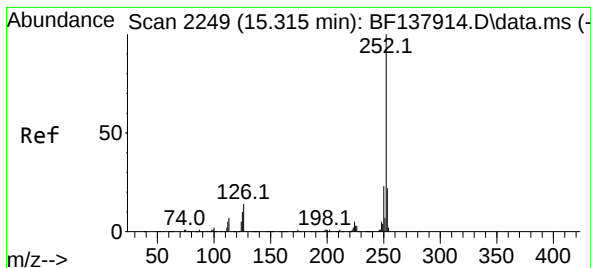
Ion Ratio Lower Upper

276 100

138 25.7 20.6 30.8

277 25.9 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 62.923 ng

RT: 15.339 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

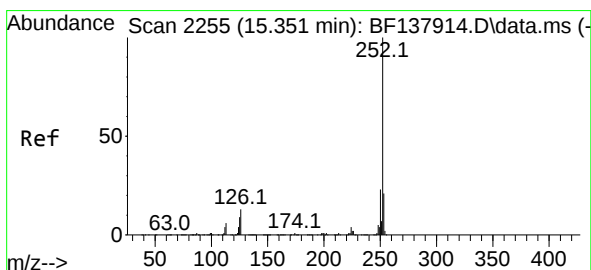
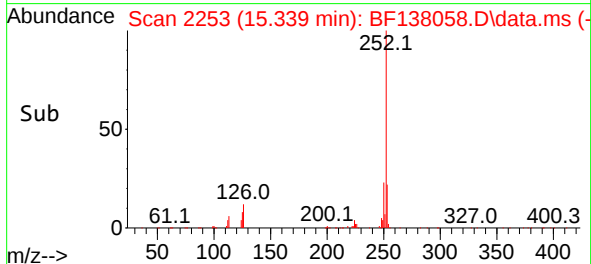
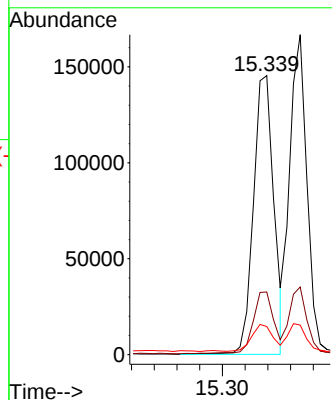
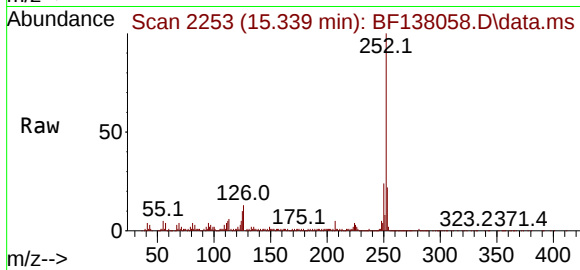
Tgt Ion:252 Resp: 180902

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.1 8.2 12.4



#89

Benzo(k)fluoranthene

Concen: 62.621 ng

RT: 15.368 min Scan# 2258

Delta R.T. 0.018 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

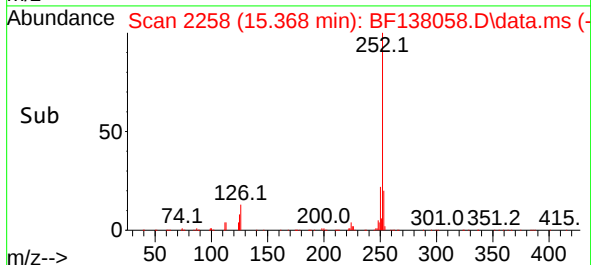
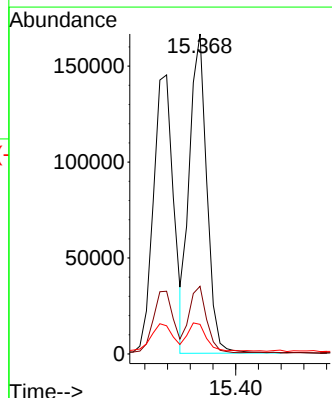
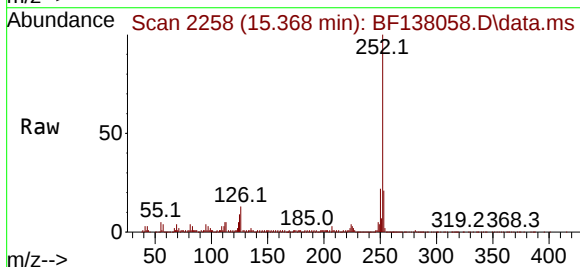
Tgt Ion:252 Resp: 176868

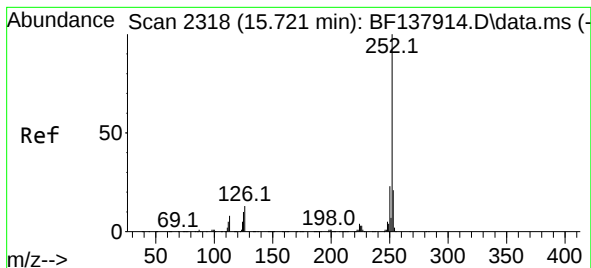
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 9.3 7.7 11.5





#90

Benzo(a)pyrene

Concen: 52.232 ng

RT: 15.733 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

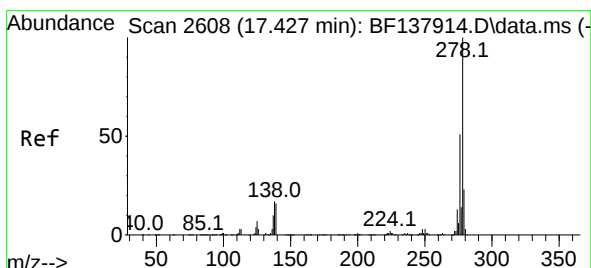
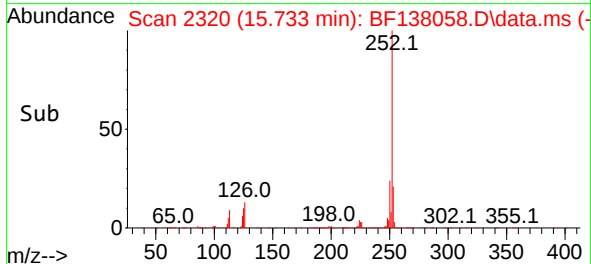
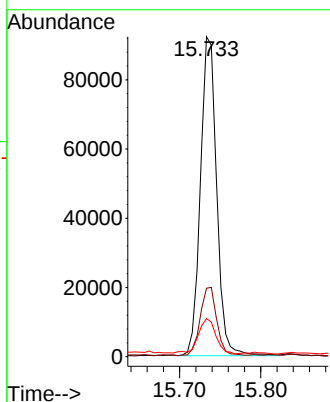
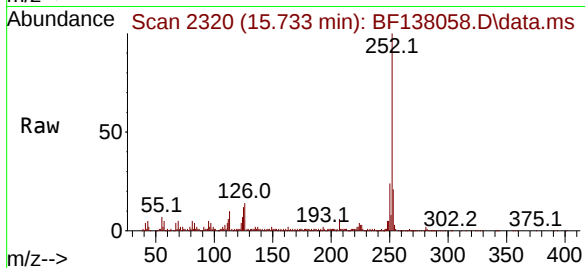
Tgt Ion:252 Resp: 128228

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 11.9 7.8 11.8#



#91

Dibenzo(a,h)anthracene

Concen: 54.373 ng

RT: 17.445 min Scan# 2611

Delta R.T. 0.018 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

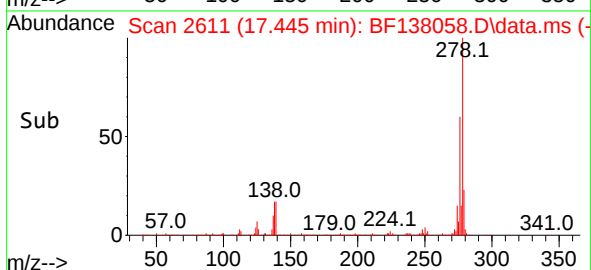
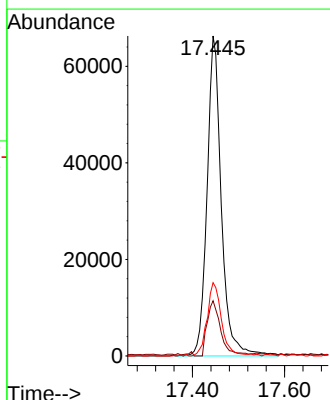
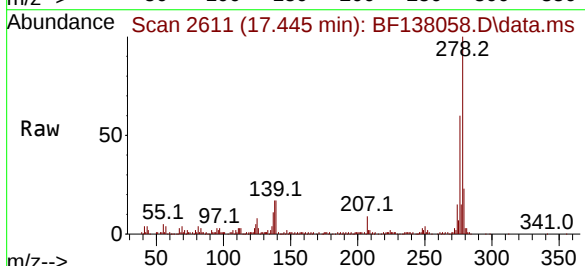
Tgt Ion:278 Resp: 143313

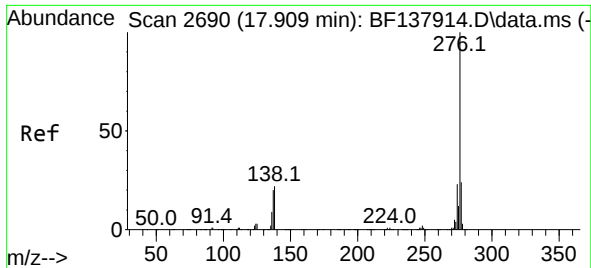
Ion Ratio Lower Upper

278 100

139 17.3 13.1 19.7

279 22.9 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 54.558 ng
 RT: 17.927 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF138058.D
 Acq: 29 May 2024 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EXPE2MS

Tgt Ion:276 Resp: 151062
 Ion Ratio Lower Upper
 276 100
 277 24.6 18.9 28.3
 138 19.1 17.6 26.4

