

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138059.D
 Acq On : 29 May 2024 15:12
 Operator : CG\JU
 Sample : P2560-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXPE2MSD

Quant Time: May 29 15:36:06 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	7.039	152	109088	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	377163	20.000	ng	# 0.00
39) Acenaphthene-d10	10.186	164	75963	20.000	ng	# 0.10
64) Phenanthrene-d10	11.633	188	2067	20.000	ng	# 0.05
76) Chrysene-d12	14.304	240	142475	20.000	ng	# 0.08
86) Perylene-d12	15.809	264	45965	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	650426	101.280	ng	-0.01
7) Phenol-d6	6.657	99	833822	105.401	ng	0.00
23) Nitrobenzene-d5	7.598	82	505938	78.944	ng	-0.01
42) 2,4,6-Tribromophenol	10.945	330	34544	45.100	ng	0.06
45) 2-Fluorobiphenyl	9.428	172	490141	99.391	ng	0.03
79) Terphenyl-d14	13.345	244	484173	50.084	ng	0.18
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	68930	24.776	ng	100
3) Pyridine	3.628	79	152728	24.466	ng	97
6) Aniline	6.698	93	235855	33.333	ng	99
8) 2-Chlorophenol	6.822	128	295715	42.549	ng	98
9) Benzaldehyde	6.587	77	36871	8.615	ng	92
10) Phenol	6.669	94	350128	43.848	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	253593	41.363	ng	97
12) 1,3-Dichlorobenzene	6.981	146	310412	38.603	ng	99
13) 1,4-Dichlorobenzene	7.057	146	313634	38.858	ng	99
14) 1,2-Dichlorobenzene	7.210	146	299232	39.391	ng	97
15) Benzyl Alcohol	7.175	79	228412	43.239	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.298	45	312005	41.400	ng	97
17) 2-Methylphenol	7.281	107	228839	41.288	ng	98
18) Hexachloroethane	7.551	117	108469	39.713	ng	96
19) n-Nitroso-di-n-propyla...	7.439	70	187453	42.176	ng	99
20) 3+4-Methylphenols	7.428	107	298712	41.139	ng	95
22) Acetophenone	7.445	105	403092	47.708	ng	99
24) Nitrobenzene	7.622	77	277204	42.637	ng	98
25) Isophorone	7.851	82	513058	46.126	ng	# 97
26) 2-Nitrophenol	7.934	139	150180	45.971	ng	94
27) 2,4-Dimethylphenol	7.963	122	207377	49.306	ng	94
28) bis(2-Chloroethoxy)met...	8.057	93	303177	44.973	ng	95
29) 2,4-Dichlorophenol	8.175	162	221901	41.955	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	246811	41.795	ng	99
31) Naphthalene	8.345	128	794578	41.900	ng	100
32) Benzoic acid	8.063	122	76022	21.382	ng	97
33) 4-Chloroaniline	8.386	127	159413	25.643	ng	95
34) Hexachlorobutadiene	8.457	225	151955	40.654	ng	98
35) Caprolactam	8.733	113	50333	32.848	ng	# 1
36) 4-Chloro-3-methylphenol	8.886	107	250611	46.579	ng	# 74
37) 2-Methylnaphthalene	9.051	142	397756	32.630	ng	99
38) 1-Methylnaphthalene	9.133	142	451293	37.658	ng	99
40) 1,2,4,5-Tetrachloroben...	9.210	216	201885	97.758	ng	# 88
41) Hexachlorocyclopentadiene	9.204	237	105690	134.688	ng	97
43) 2,4,6-Trichlorophenol	9.375	196	242363	178.991	ng	92
44) 2,4,5-Trichlorophenol	9.375	196	242363	163.584	ng	# 1

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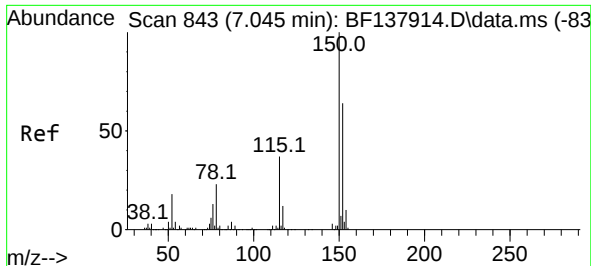
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.516	154	187229	35.141	ng	85
47) 2-Chloronaphthalene	9.545	162	148614	34.942	ng	# 41
48) 2-Nitroaniline	9.657	65	107386	98.599	ng	# 79
49) Acenaphthylene	9.969	152	157598	25.771	ng	# 1
50) Dimethylphthalate	9.839	163	570879	119.845	ng	# 42
51) 2,6-Dinitrotoluene	9.963	165	4465	4.084	ng	# 46
52) Acenaphthene	10.210	154	209815	51.909	ng	# 48
53) 3-Nitroaniline	10.175	138	2186	2.045	ng	# 31
54) 2,4-Dinitrophenol	10.210	184	26575	48.043	ng	# 1
55) Dibenzofuran	10.357	168	156679	26.635	ng	# 1
56) 4-Nitrophenol	10.239	139	97300	126.751	ng	# 1
57) 2,4-Dinitrotoluene	10.327	165	42651	30.177	ng	# 53
59) 2,3,4,6-Tetrachlorophenol	10.463	232	189189	162.547	ng	# 40
60) Diethylphthalate	10.563	149	259494	58.329	ng	# 37
62) 4-Nitroaniline	10.769	138	3798	3.747	ng	# 41
63) Azobenzene	10.916	77	62590	15.467	ng	# 47
65) 4,6-Dinitro-2-methylph...	10.769	198	49403	4139.347	ng	# 1
66) n-Nitrosodiphenylamine	10.833	169	240466	3793.527	ng	# 74
67) 4-Bromophenyl-phenylether	11.222	248	40753	1798.440	ng	# 1
68) Hexachlorobenzene	11.298	284	14532	580.160	ng	# 1
69) Atrazine	11.345	200	70512	4073.652	ng	# 1
70) Pentachlorophenol	11.339	266	47852	3261.352	ng	# 55
71) Phenanthrene	11.816	178	324443	3185.189	ng	# 1
72) Anthracene	11.816	178	324443	3210.286	ng	# 1
73) Carbazole	11.827	167	6574	71.208	ng	# 1
74) Di-n-butylphthalate	12.174	149	16012	156.281	ng	# 22
75) Fluoranthene	12.863	202	10085	97.544	ng	# 1
77) Benzidine	13.063	184	55879	30.010	ng	# 1
80) Butylbenzylphthalate	13.733	149	239086	63.608	ng	95
81) Benzo(a)anthracene	14.298	228	390643	43.338	ng	100
82) 3,3'-Dichlorobenzidine	14.239	252	143133	57.299	ng	99
83) Chrysene	14.327	228	364651	42.300	ng	99
84) Bis(2-ethylhexyl)phtha...	14.221	149	232476	49.202	ng	99
85) Di-n-octyl phthalate	14.821	149	222997	34.935	ng	98
87) Indeno(1,2,3-cd)pyrene	17.433	276	131574	44.554	ng	99
88) Benzo(b)fluoranthene	15.339	252	165361	62.133	ng	100
89) Benzo(k)fluoranthene	15.368	252	146195	55.916	ng	98
90) Benzo(a)pyrene	15.739	252	109508	48.187	ng	# 97
91) Dibenzo(a,h)anthracene	17.451	278	110846	45.430	ng	98
92) Benzo(g,h,i)perylene	17.927	276	117289	45.760	ng	99

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

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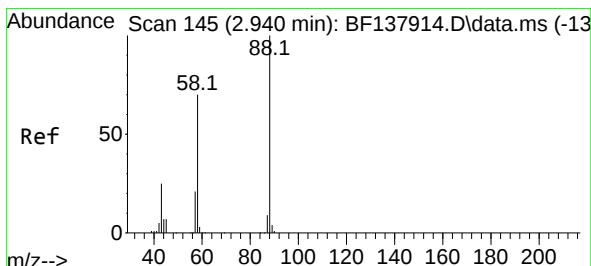
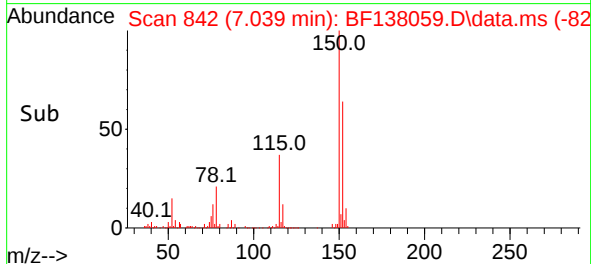
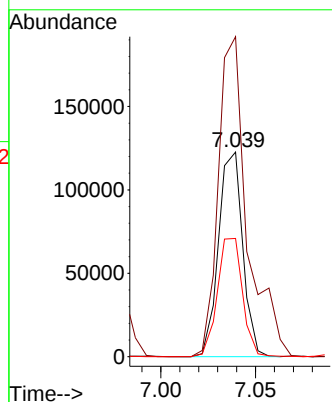
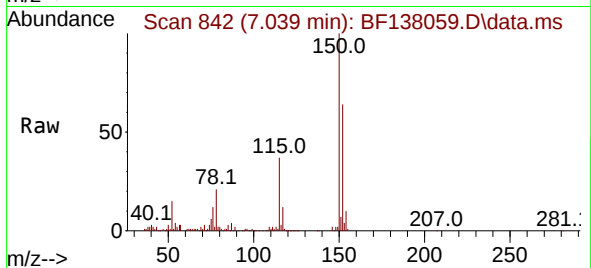




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

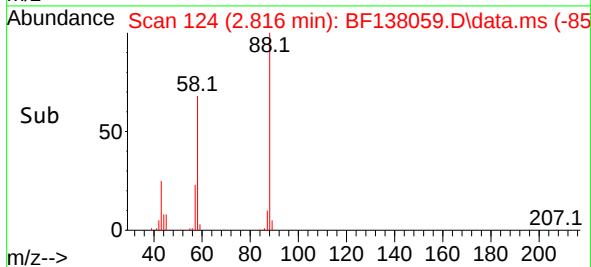
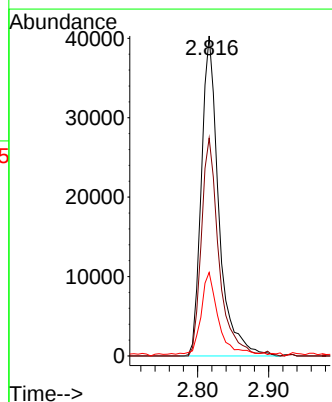
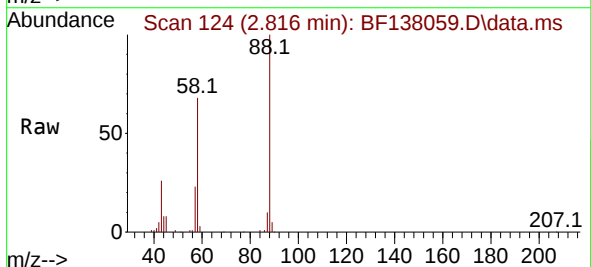
Instrument :
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EXPE2MSD

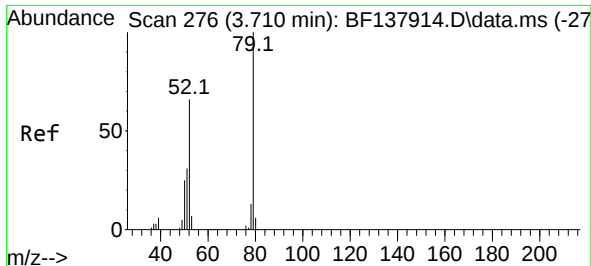
Tgt Ion:152 Resp: 109088
Ion Ratio Lower Upper
152 100
150 156.4 125.7 188.5
115 57.8 47.0 70.6



#2
1,4-Dioxane
Concen: 24.776 ng
RT: 2.816 min Scan# 124
Delta R.T. -0.123 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion: 88 Resp: 68930
Ion Ratio Lower Upper
88 100
58 68.2 54.4 81.6
43 25.1 19.6 29.4





#3

Pyridine

Concen: 24.466 ng

RT: 3.628 min Scan# 20

Delta R.T. -0.082 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

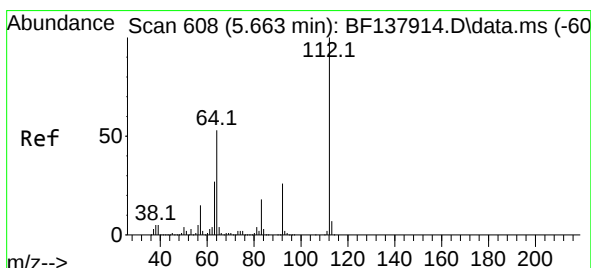
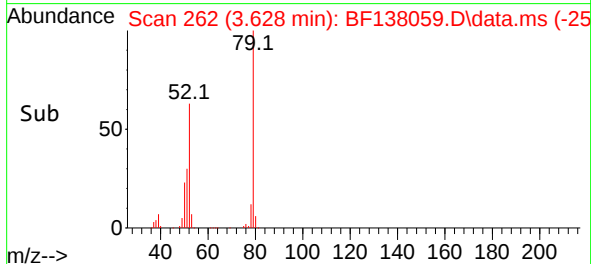
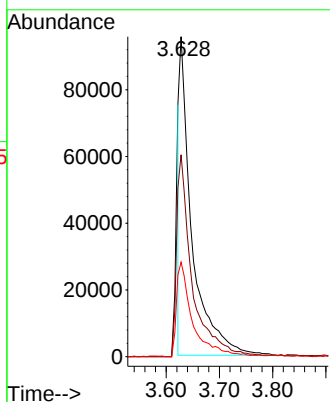
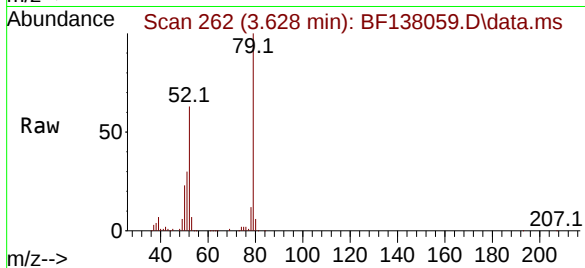
Tgt Ion: 79 Resp: 152728

Ion Ratio Lower Upper

79 100

52 63.1 52.5 78.7

51 29.6 25.1 37.7



#5

2-Fluorophenol

Concen: 101.280 ng

RT: 5.651 min Scan# 606

Delta R.T. -0.012 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

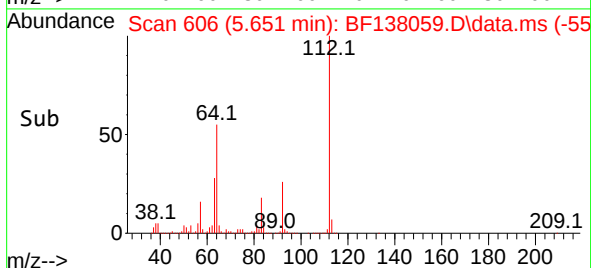
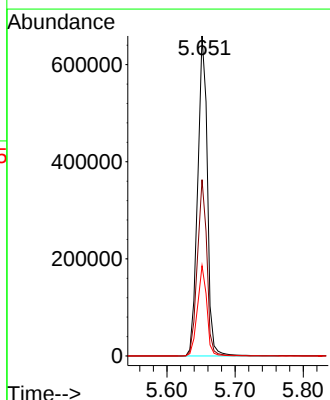
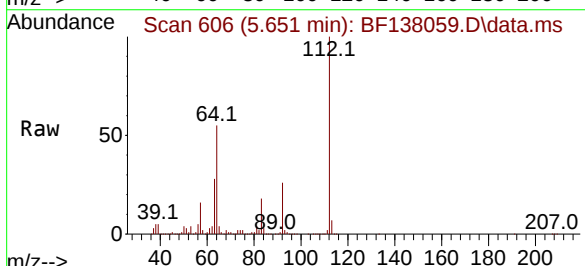
Tgt Ion: 112 Resp: 650426

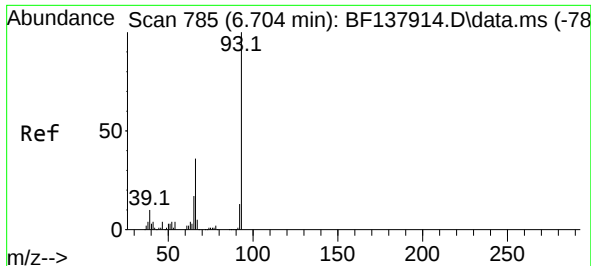
Ion Ratio Lower Upper

112 100

64 55.1 42.4 63.6

63 28.2 21.4 32.2

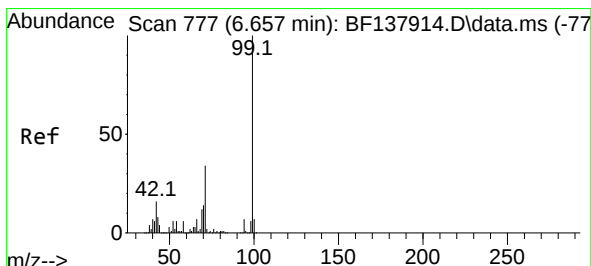
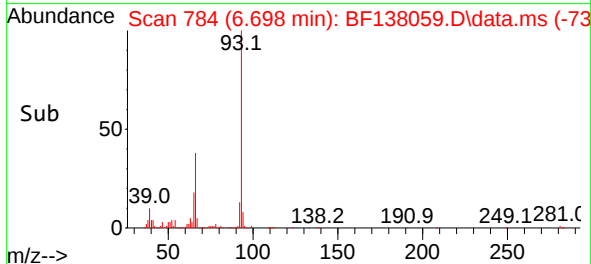
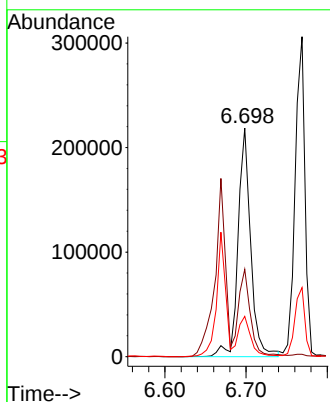
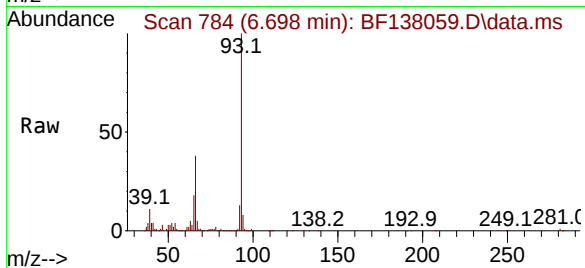




#6
Aniline
Concen: 33.333 ng
RT: 6.698 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

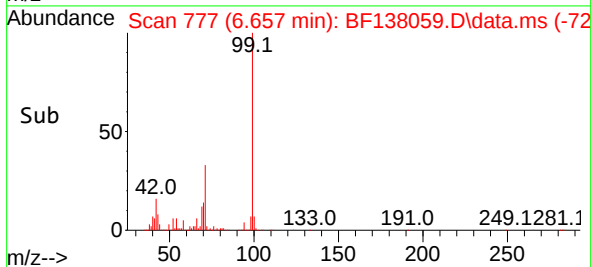
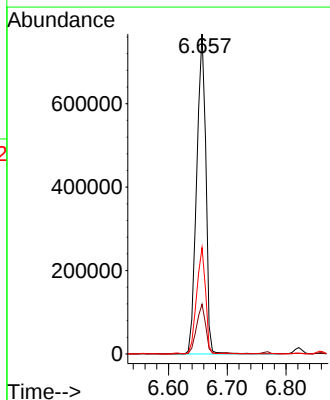
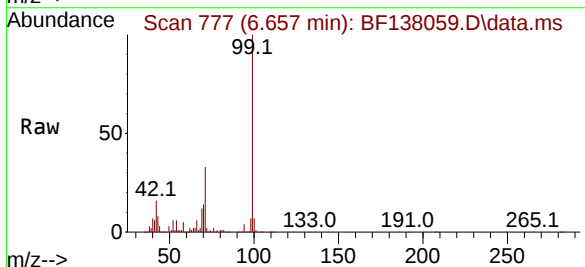
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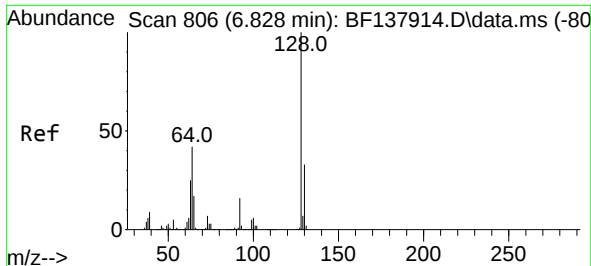
Tgt Ion: 93 Resp: 235855
Ion Ratio Lower Upper
93 100
66 38.2 30.7 46.1
65 17.7 15.0 22.4



#7
Phenol-d6
Concen: 105.401 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion: 99 Resp: 833822
Ion Ratio Lower Upper
99 100
42 15.5 12.6 18.8
71 33.2 27.1 40.7

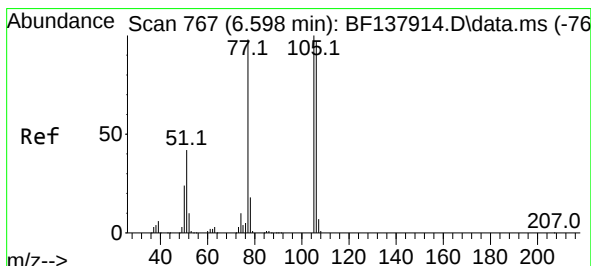
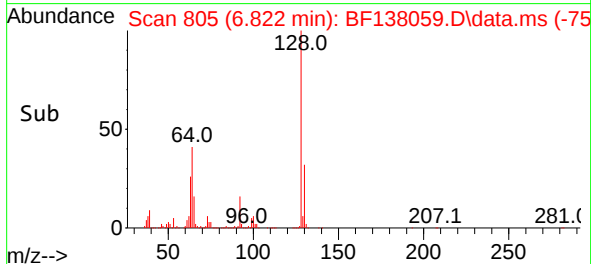
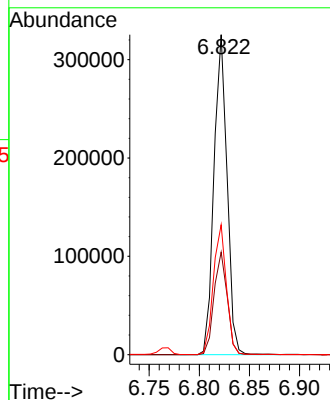
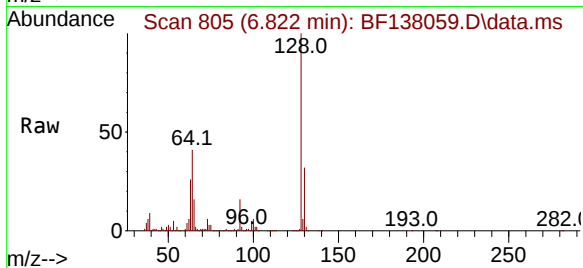




#8
2-Chlorophenol
Concen: 42.549 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

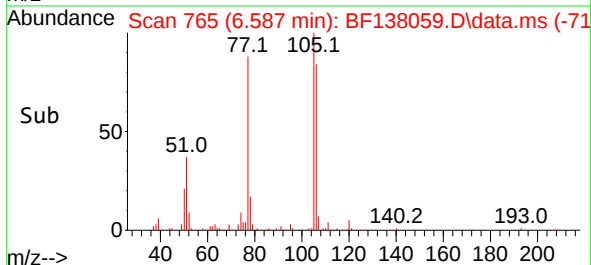
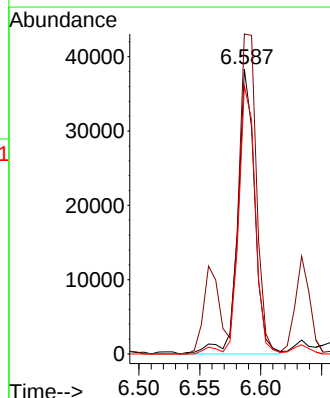
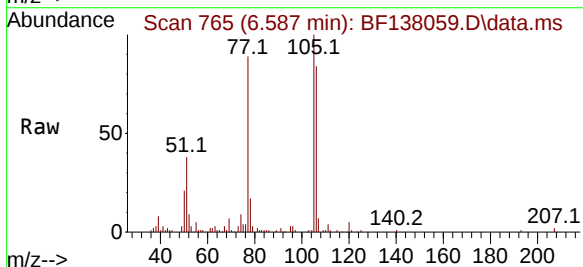
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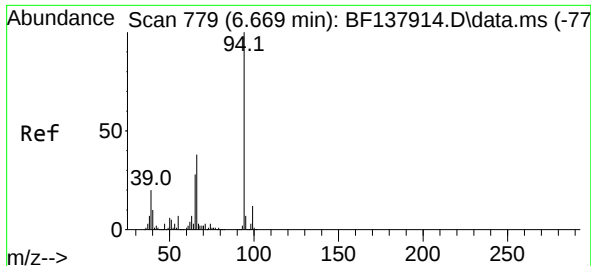
Tgt Ion:128 Resp: 295715
Ion Ratio Lower Upper
128 100
130 32.0 12.8 52.8
64 40.6 22.2 62.2



#9
Benzaldehyde
Concen: 8.615 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion: 77 Resp: 36871
Ion Ratio Lower Upper
77 100
105 112.4 82.3 122.3
106 94.1 79.2 119.2

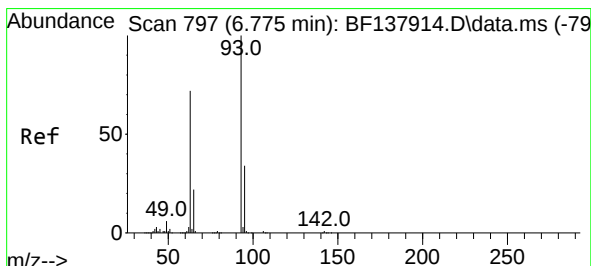
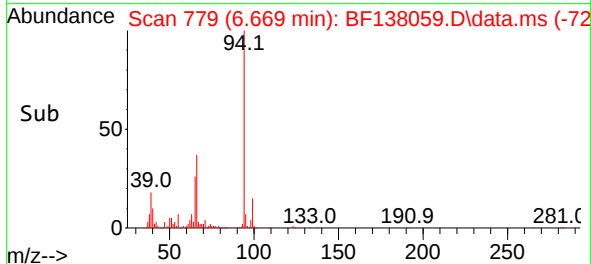
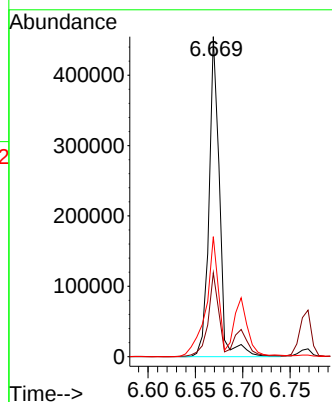
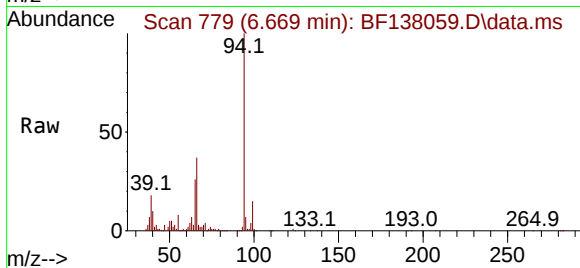




#10
Phenol
Concen: 43.848 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

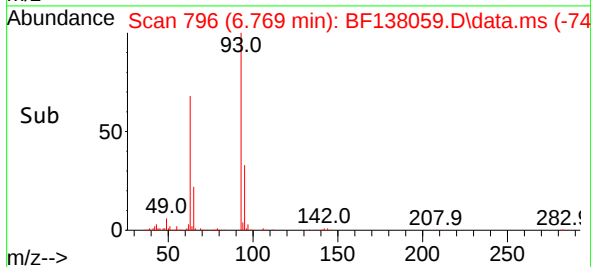
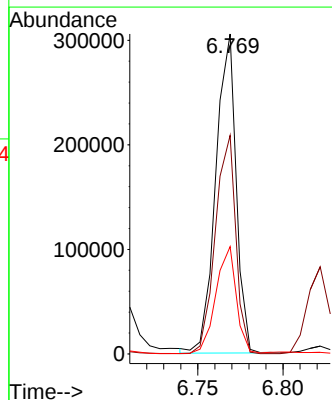
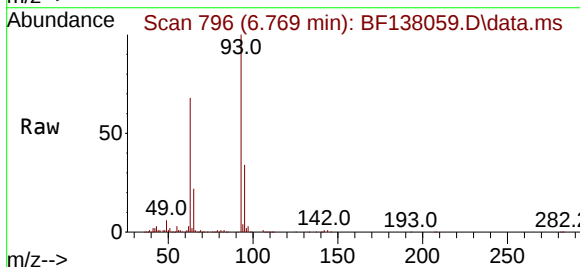
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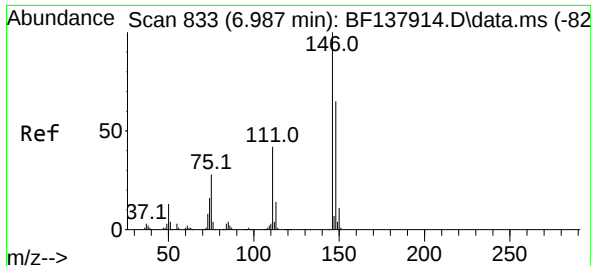
Tgt Ion: 94 Resp: 350128
Ion Ratio Lower Upper
94 100
65 26.2 7.8 47.8
66 37.5 18.6 58.6



#11
bis(2-Chloroethyl)ether
Concen: 41.363 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion: 93 Resp: 253593
Ion Ratio Lower Upper
93 100
63 68.3 51.4 91.4
95 33.5 13.5 53.5

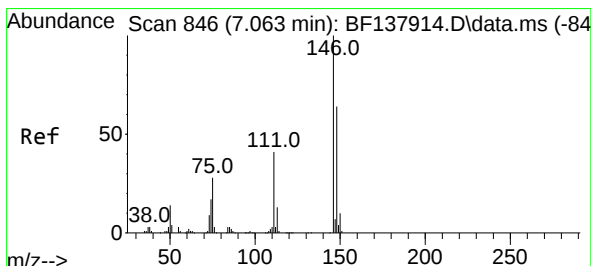
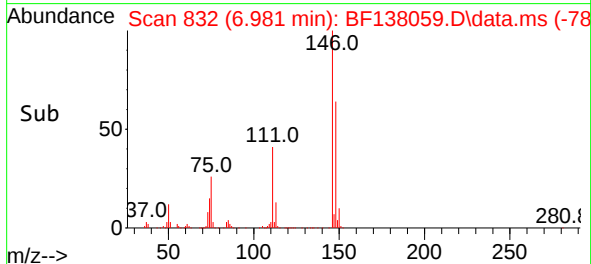
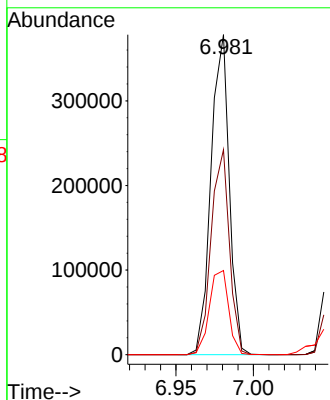
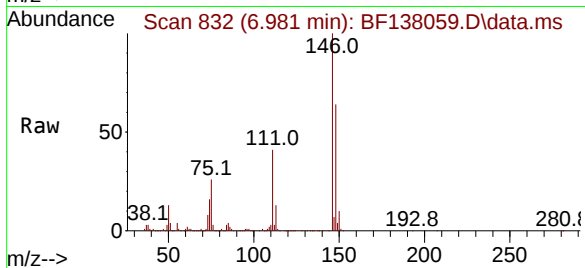




#12
1,3-Dichlorobenzene
Concen: 38.603 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

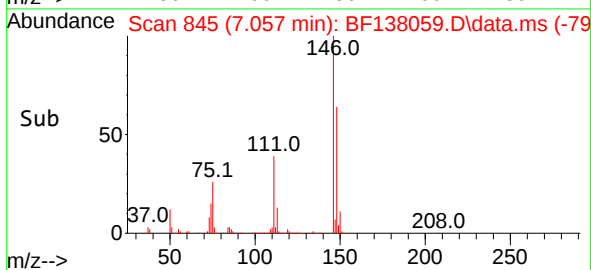
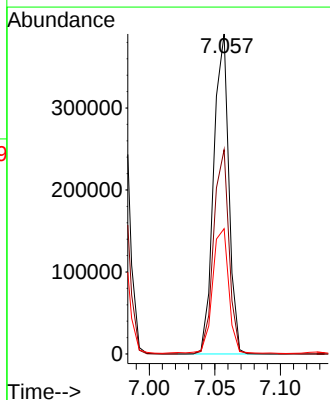
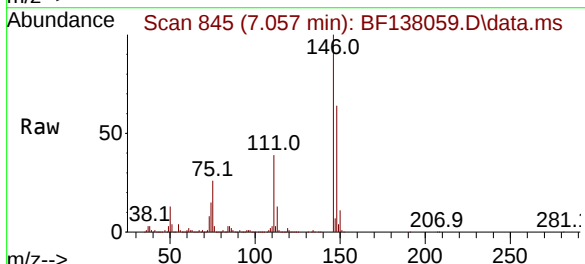
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

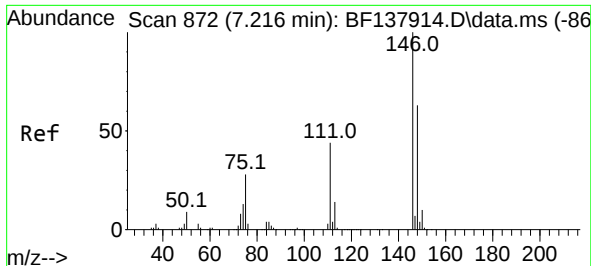
Tgt Ion:146 Resp: 310412
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
75 26.3 22.4 33.6



#13
1,4-Dichlorobenzene
Concen: 38.858 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:146 Resp: 313634
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 39.2 32.5 48.7

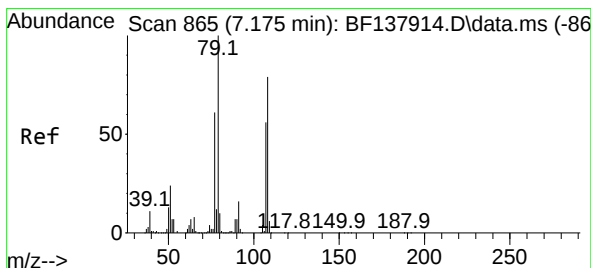
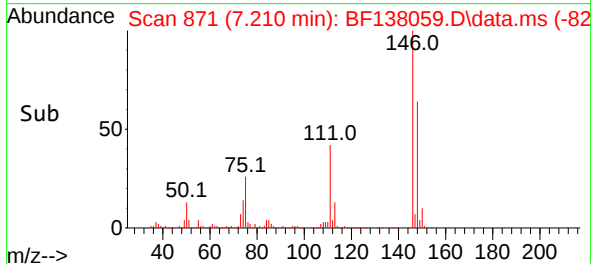
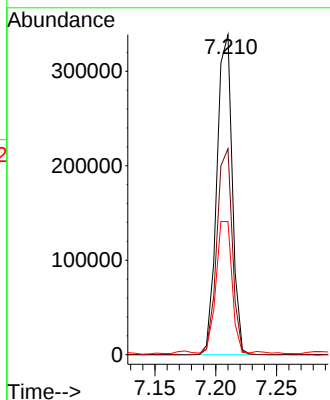
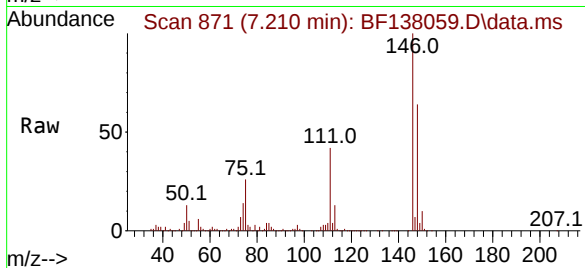




#14
1,2-Dichlorobenzene
Concen: 39.391 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

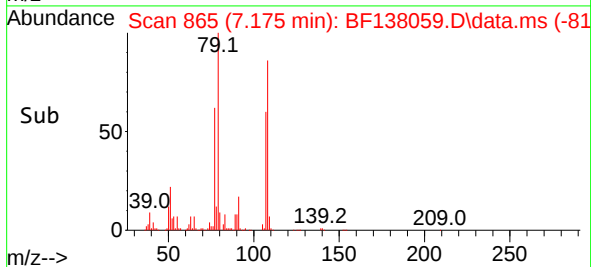
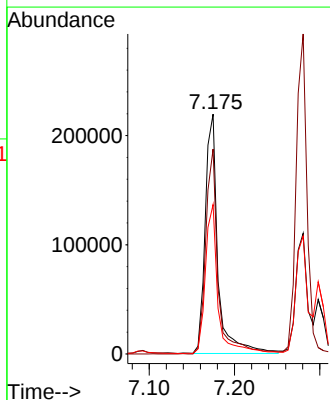
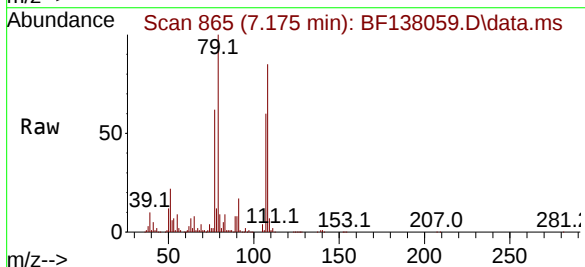
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

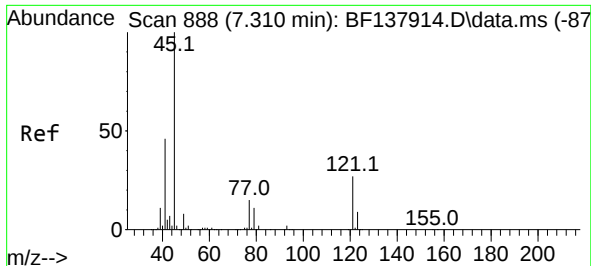
Tgt Ion:146 Resp: 299232
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.4
111 41.6 35.1 52.7



#15
Benzyl Alcohol
Concen: 43.239 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion: 79 Resp: 228412
Ion Ratio Lower Upper
79 100
108 85.5 62.8 94.2
77 62.3 48.7 73.1

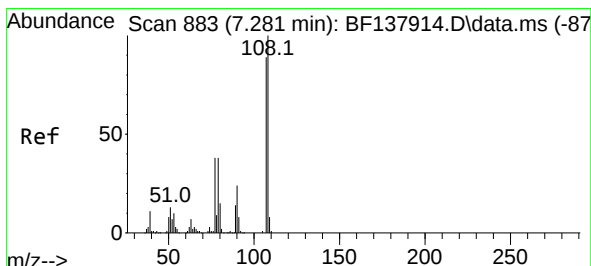
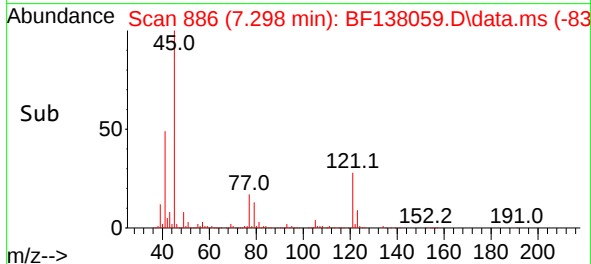
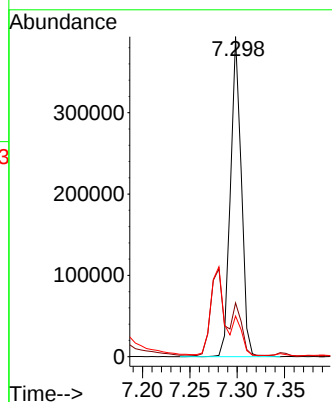
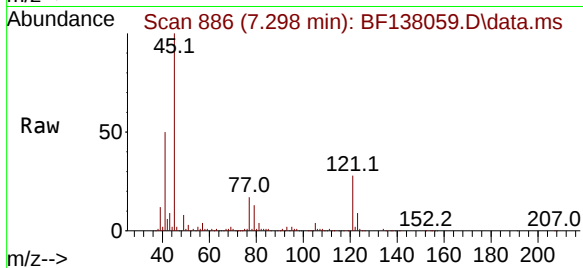




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.400 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

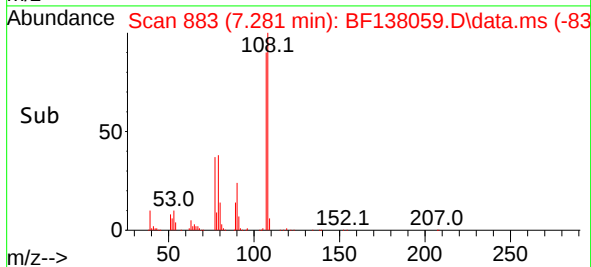
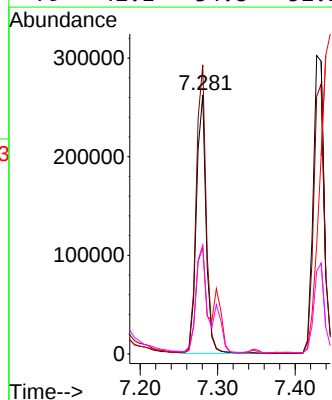
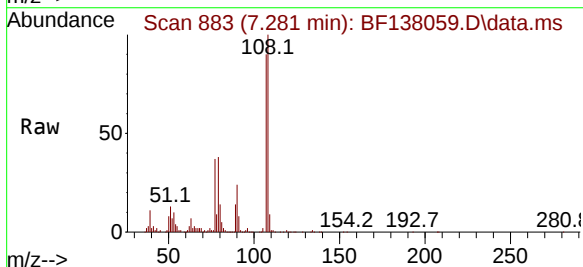
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

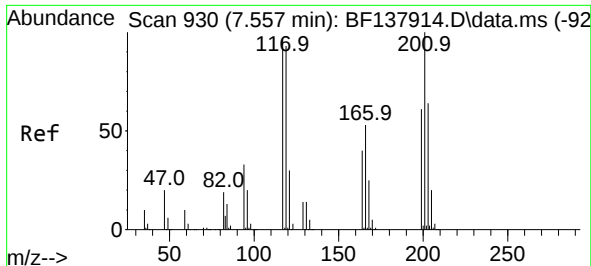
Tgt Ion: 45 Resp: 312005
Ion Ratio Lower Upper
45 100
77 16.8 0.0 35.3
79 12.7 0.0 32.1



#17
2-Methylphenol
Concen: 41.288 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

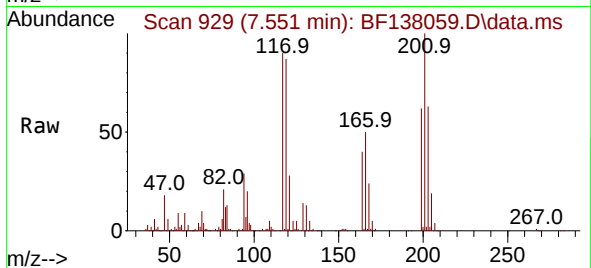
Tgt Ion:107 Resp: 228839
Ion Ratio Lower Upper
107 100
108 111.6 90.1 135.1
77 41.1 34.3 51.5
79 42.1 34.8 52.2



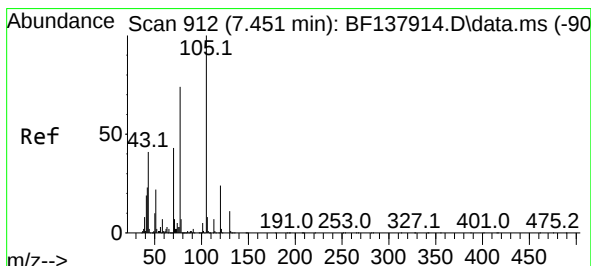
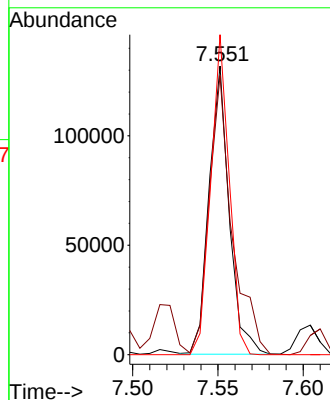
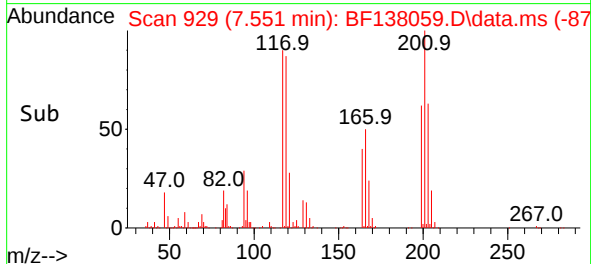


#18
Hexachloroethane
Concen: 39.713 ng
RT: 7.551 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

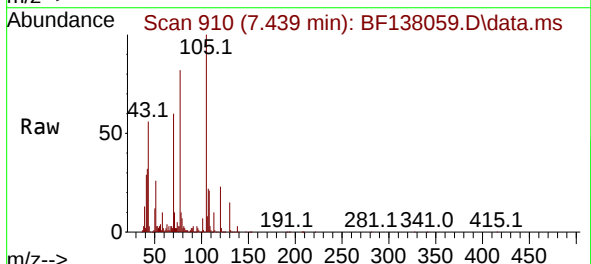
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



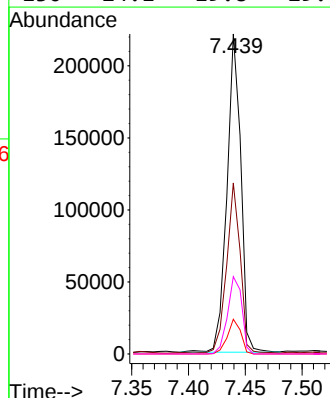
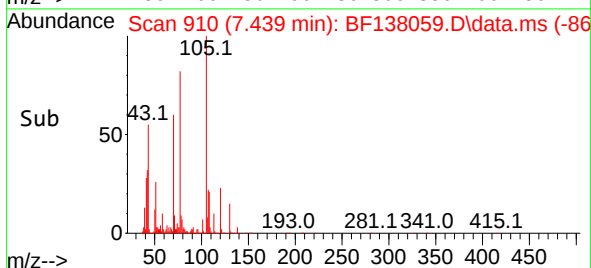
Tgt Ion:117 Resp: 108469
Ion Ratio Lower Upper
117 100
119 96.8 76.8 115.2
201 110.9 82.7 124.1

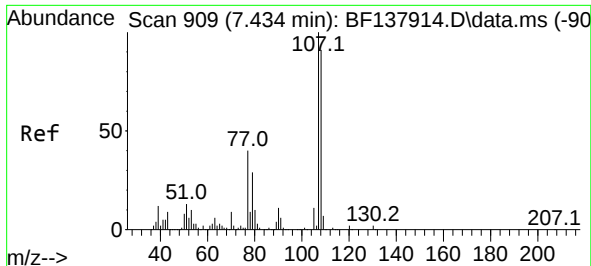


#19
n-Nitroso-di-n-propylamine
Concen: 42.176 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



Tgt Ion: 70 Resp: 187453
Ion Ratio Lower Upper
70 100
42 53.5 42.2 63.4
101 10.8 8.8 13.2
130 24.1 19.8 29.8

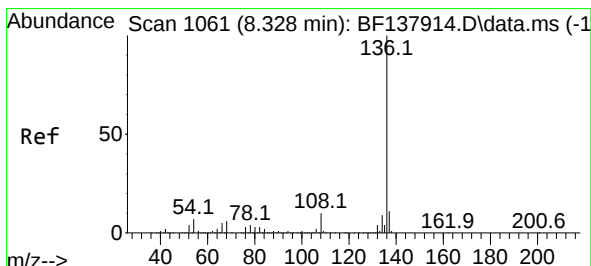
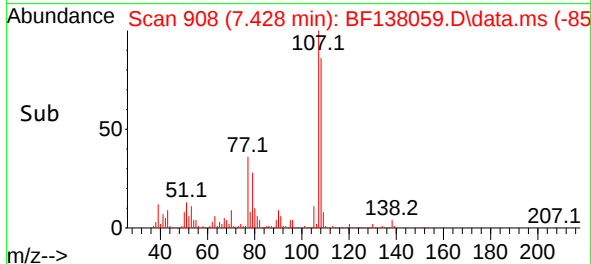
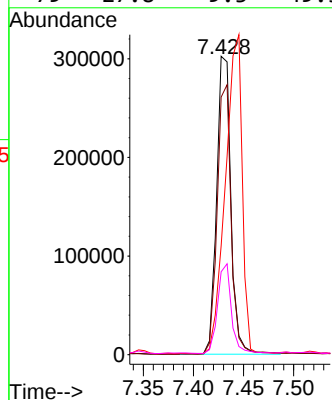
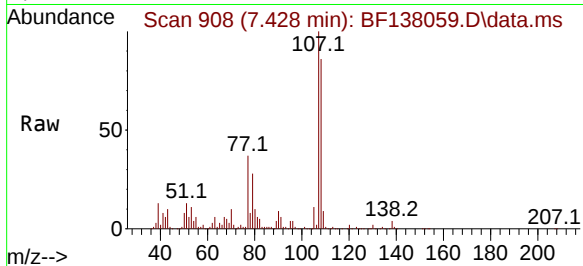




#20
3+4-Methylphenols
Concen: 41.139 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

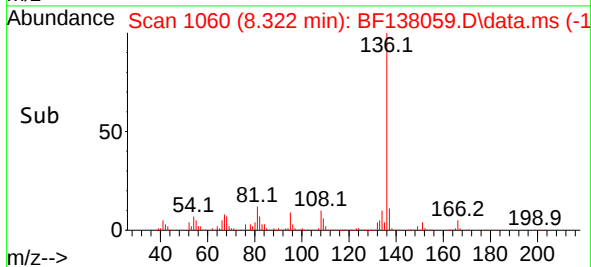
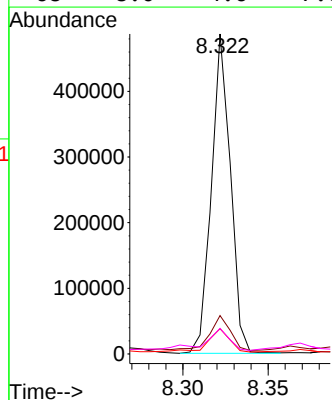
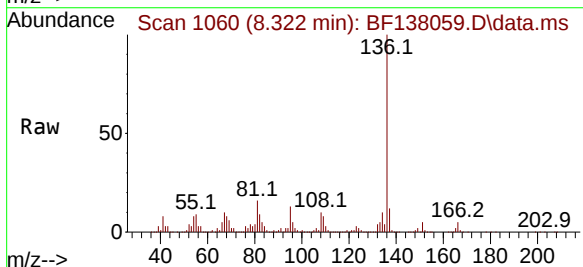
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

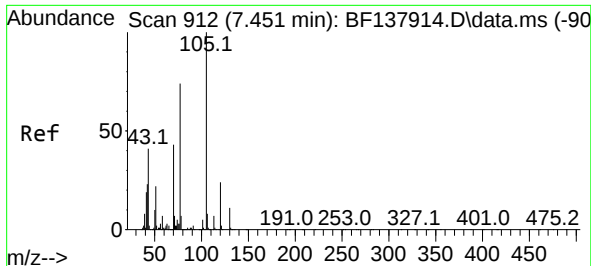
Tgt Ion:107 Resp: 298712
Ion Ratio Lower Upper
107 100
108 86.3 70.8 110.8
77 36.5 20.2 60.2
79 27.8 9.3 49.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:136 Resp: 377163
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 7.9 5.4 8.2
68 8.0 4.6 7.0#

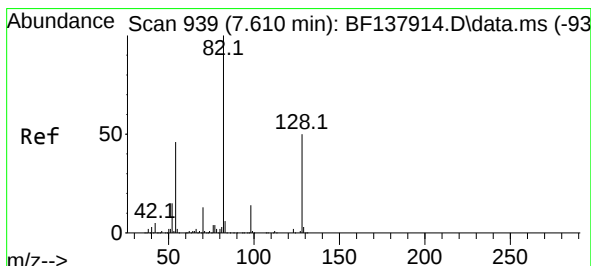
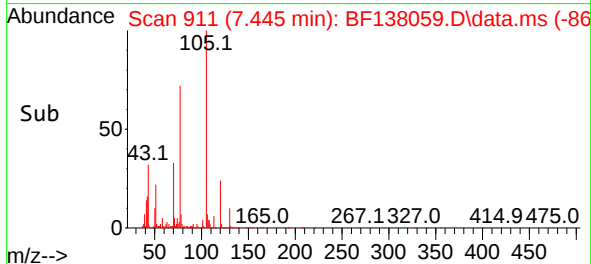
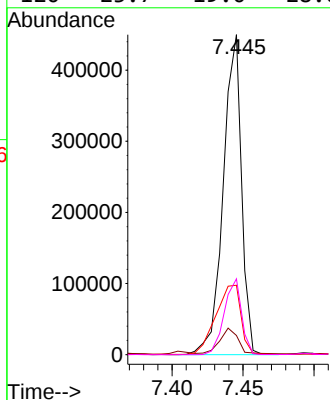
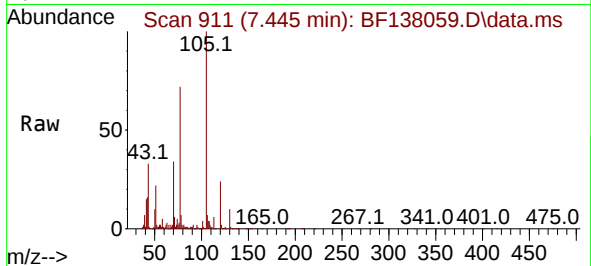




#22
Acetophenone
Concen: 47.708 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

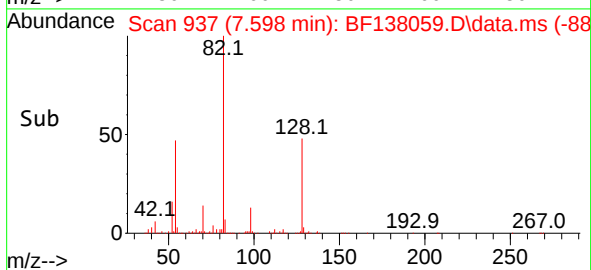
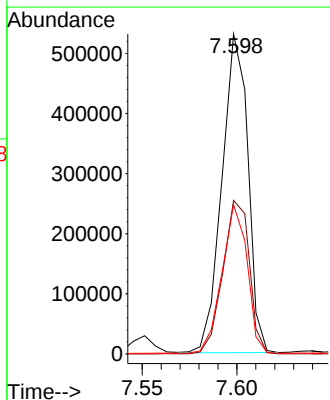
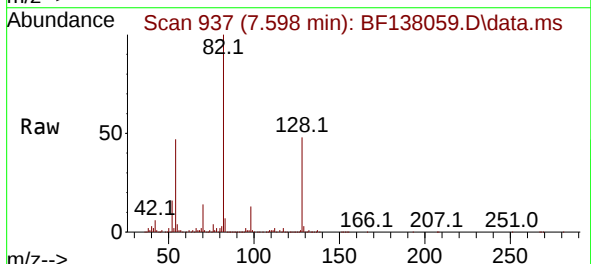
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

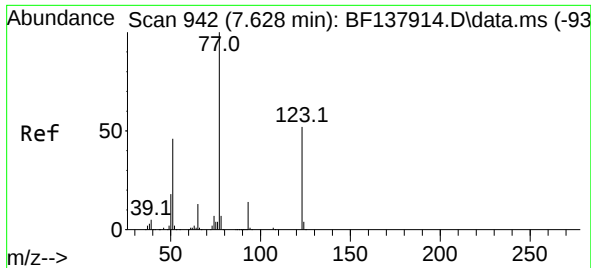
Tgt Ion:105 Resp: 403092
Ion Ratio Lower Upper
105 100
71 6.0 5.7 8.5
51 21.7 17.8 26.8
120 23.7 19.0 28.6



#23
Nitrobenzene-d5
Concen: 78.944 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion: 82 Resp: 505938
Ion Ratio Lower Upper
82 100
128 48.0 40.3 60.5
54 46.6 36.8 55.2

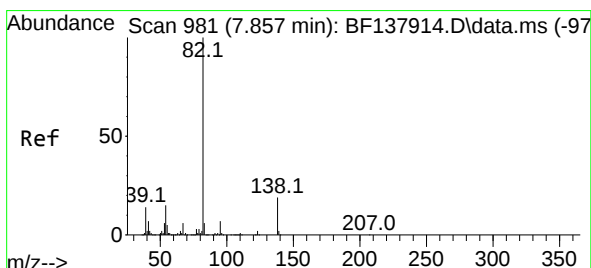
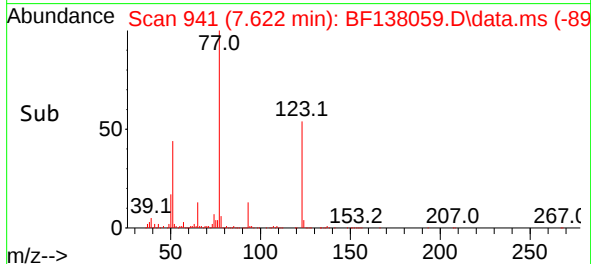
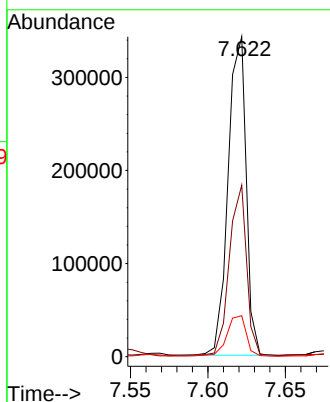
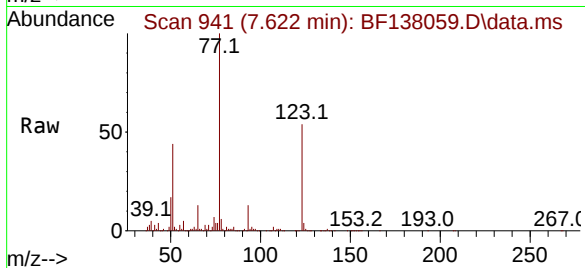




#24
Nitrobenzene
Concen: 42.637 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

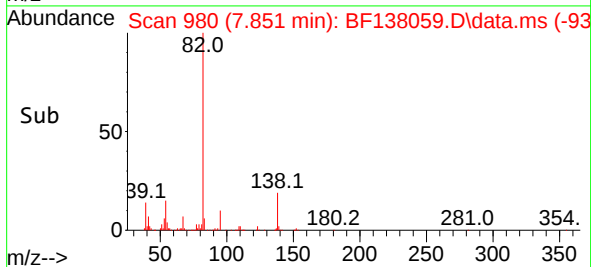
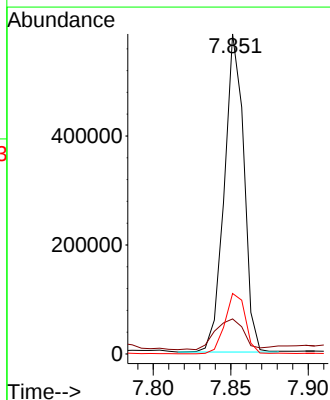
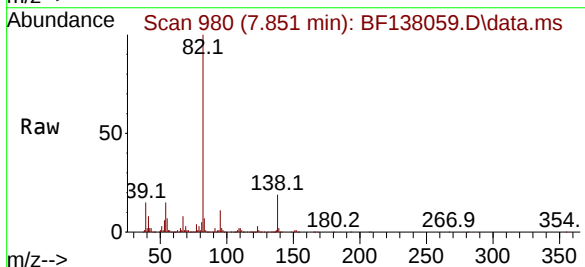
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

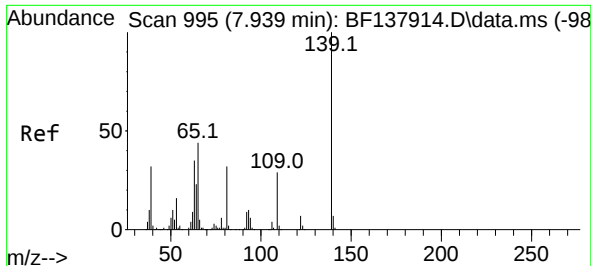
Tgt Ion: 77 Resp: 277204
Ion Ratio Lower Upper
77 100
123 53.6 41.4 62.2
65 12.8 10.5 15.7



#25
Isophorone
Concen: 46.126 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion: 82 Resp: 513058
Ion Ratio Lower Upper
82 100
95 11.0 6.0 9.0#
138 18.9 15.0 22.4

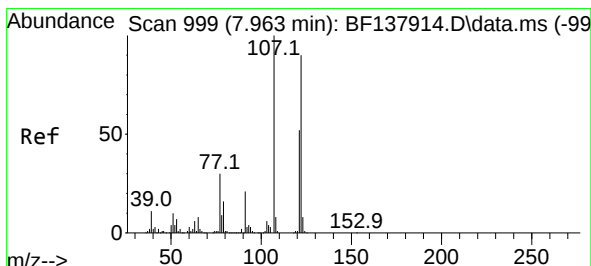
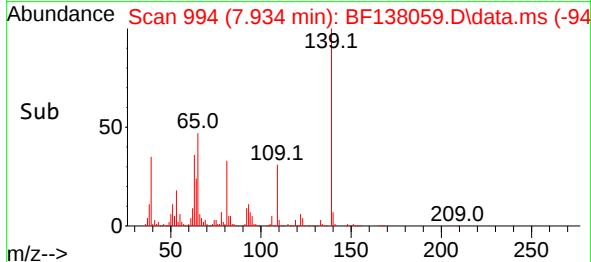
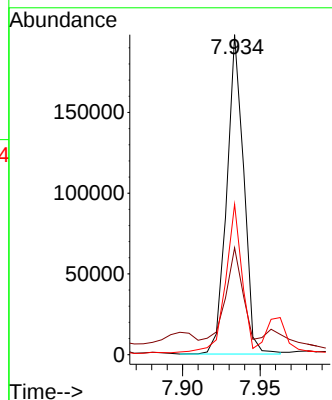
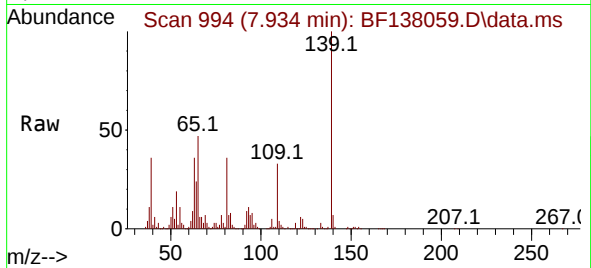




#26
2-Nitrophenol
Concen: 45.971 ng
RT: 7.934 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

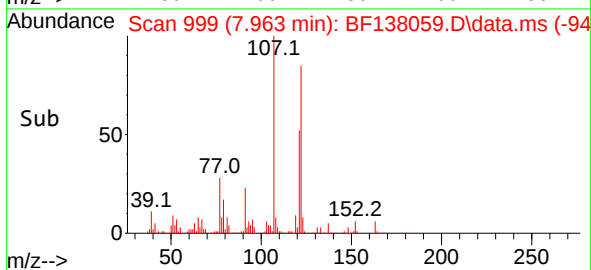
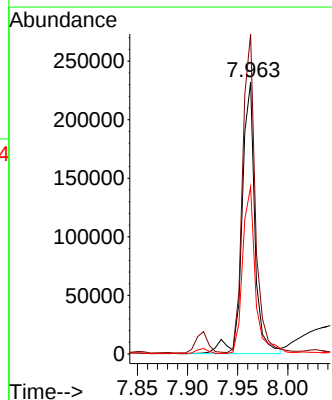
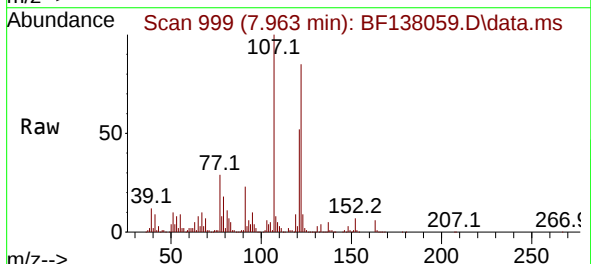
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

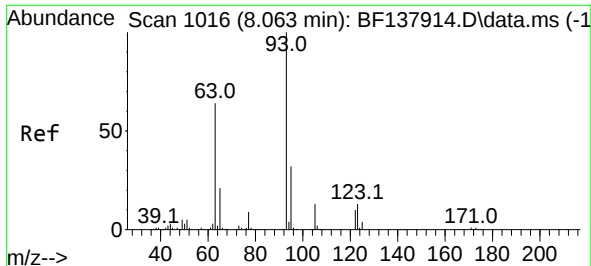
Tgt Ion:139 Resp: 150180
Ion Ratio Lower Upper
139 100
109 33.4 22.8 34.2
65 47.0 35.2 52.8



#27
2,4-Dimethylphenol
Concen: 49.306 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:122 Resp: 207377
Ion Ratio Lower Upper
122 100
107 117.8 89.0 133.4
121 61.5 46.2 69.4

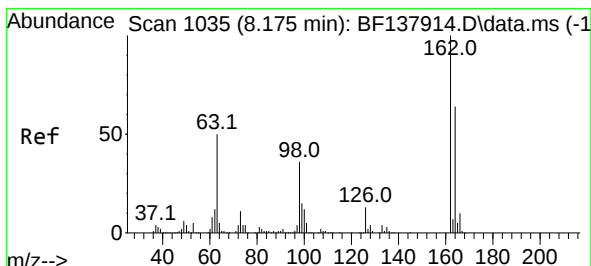
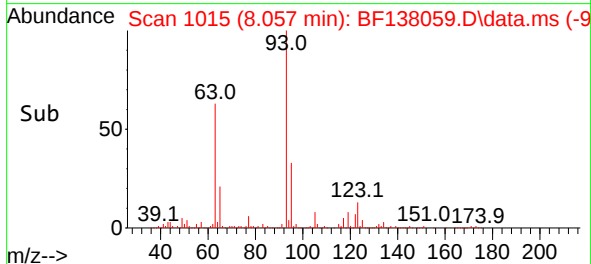
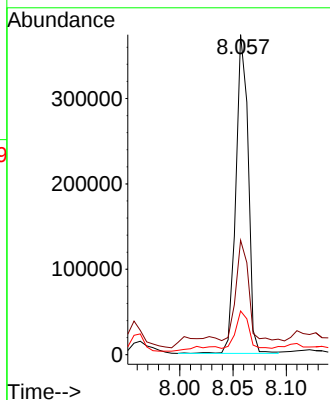
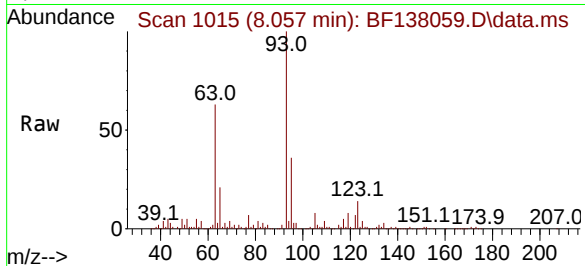




#28
bis(2-Chloroethoxy)methane
Concen: 44.973 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

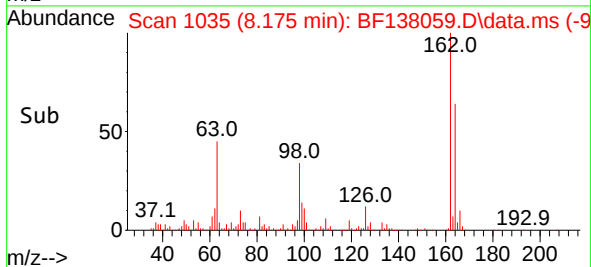
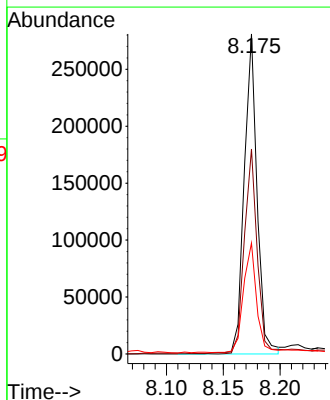
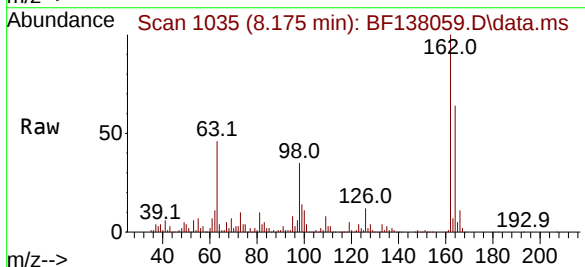
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

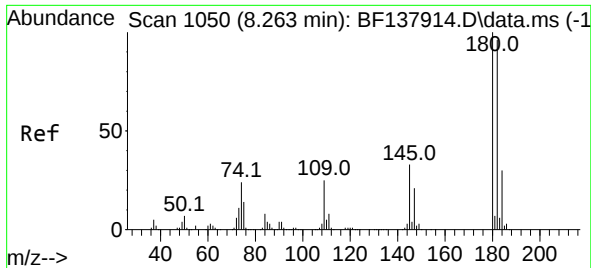
Tgt Ion: 93 Resp: 303177
Ion Ratio Lower Upper
93 100
95 35.7 25.9 38.9
123 13.7 10.4 15.6



#29
2,4-Dichlorophenol
Concen: 41.955 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion: 162 Resp: 221901
Ion Ratio Lower Upper
162 100
164 64.0 44.3 84.3
98 34.7 15.8 55.8

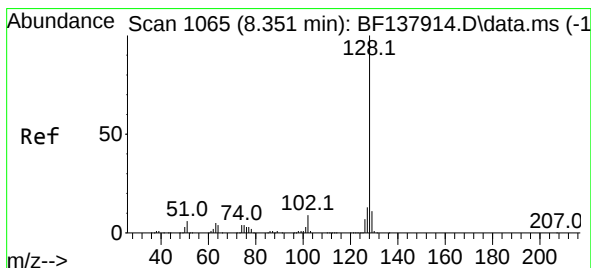
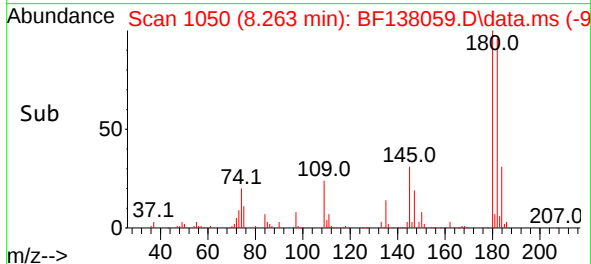
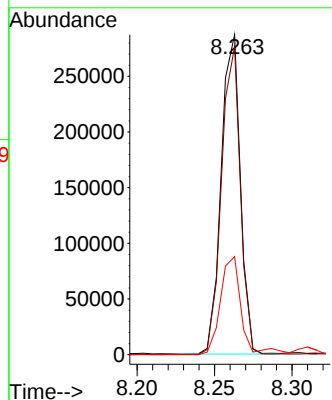
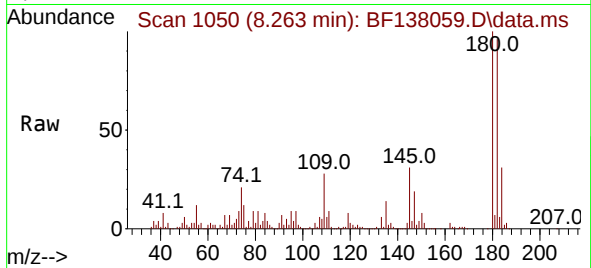




#30
1,2,4-Trichlorobenzene
Concen: 41.795 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

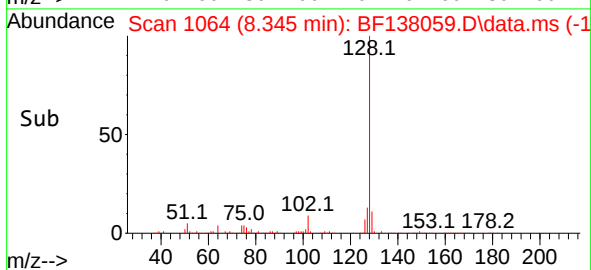
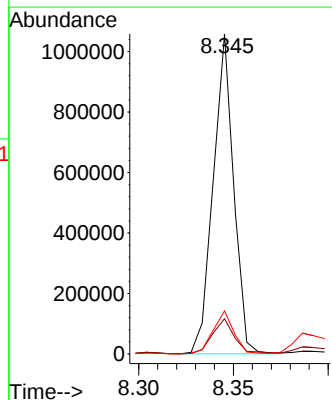
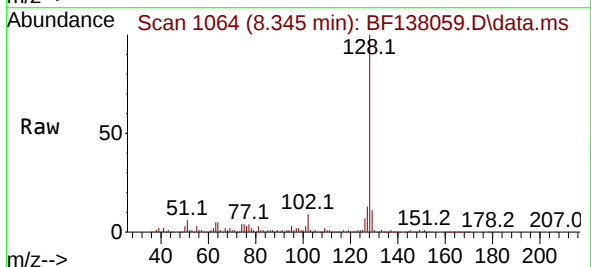
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

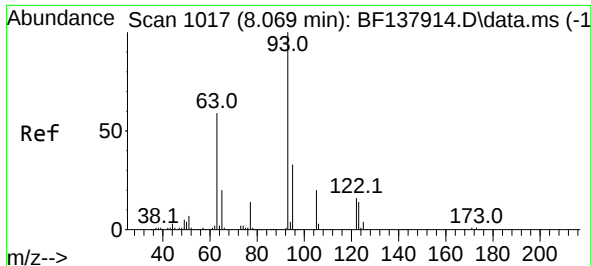
Tgt Ion:180 Resp: 246811
Ion Ratio Lower Upper
180 100
182 96.3 76.5 114.7
145 30.7 26.2 39.2



#31
Naphthalene
Concen: 41.900 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:128 Resp: 794578
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.6 16.0

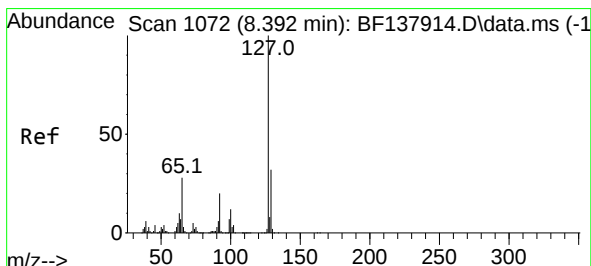
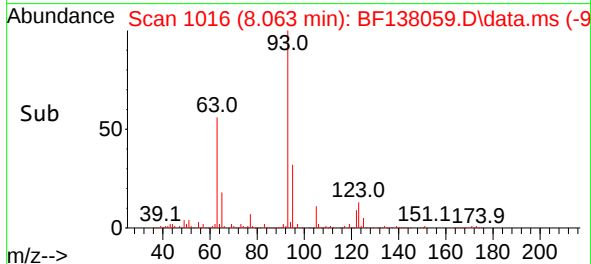
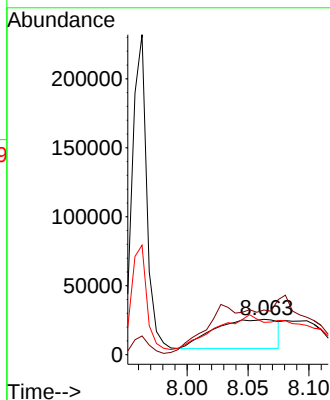
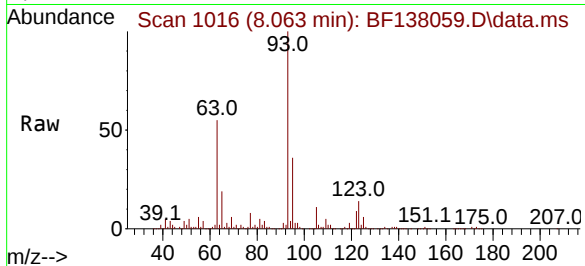




#32
Benzoic acid
Concen: 21.382 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

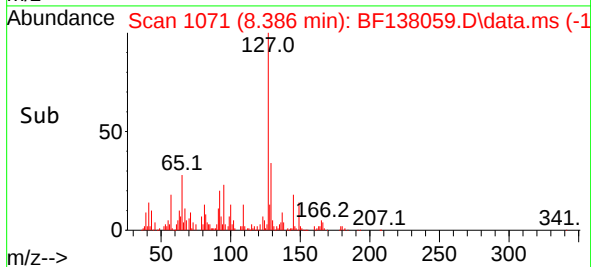
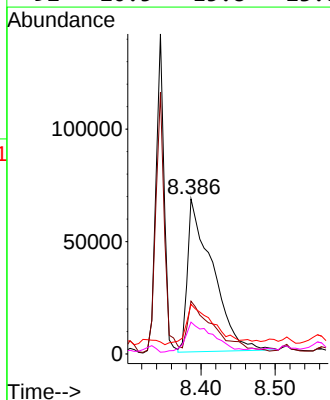
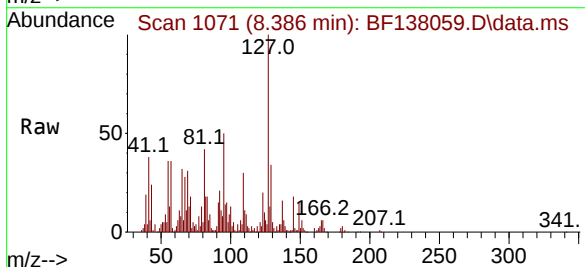
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

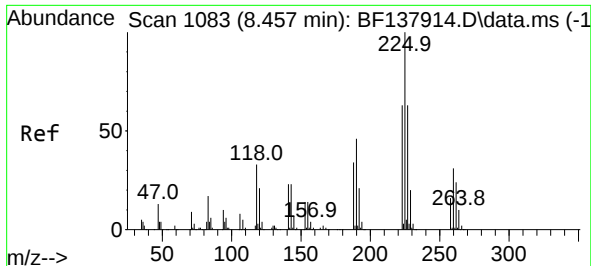
Tgt Ion:122 Resp: 76022
Ion Ratio Lower Upper
122 100
105 126.6 103.8 143.8
77 91.5 68.4 108.4



#33
4-Chloroaniline
Concen: 25.643 ng
RT: 8.386 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:127 Resp: 159413
Ion Ratio Lower Upper
127 100
129 34.1 25.4 38.2
65 32.0 22.0 33.0
92 20.5 15.8 23.8





#34

Hexachlorobutadiene

Concen: 40.654 ng

RT: 8.457 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

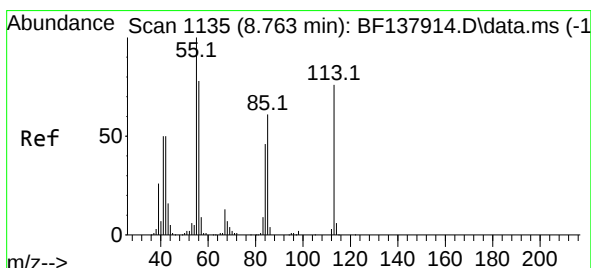
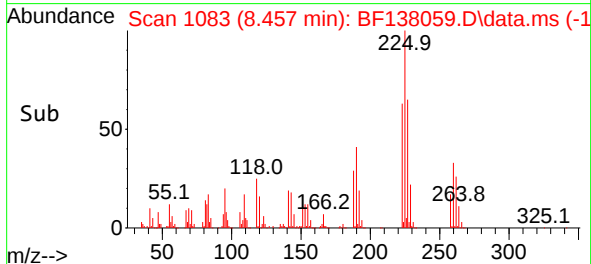
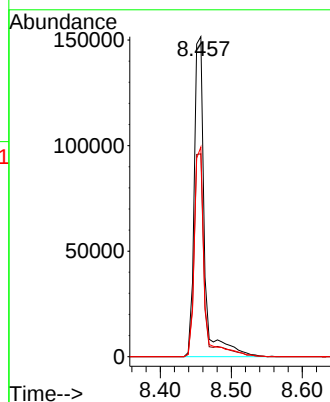
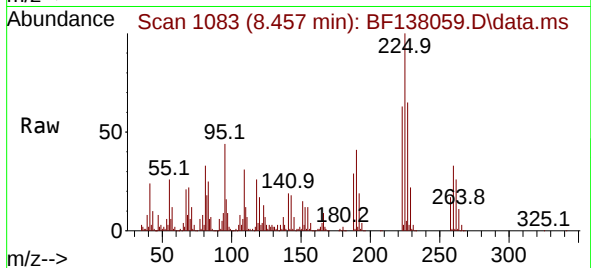
Tgt Ion:225 Resp: 151955

Ion Ratio Lower Upper

225 100

223 63.4 50.0 75.0

227 65.5 50.2 75.4



#35

Caprolactam

Concen: 32.848 ng

RT: 8.733 min Scan# 1130

Delta R.T. -0.029 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

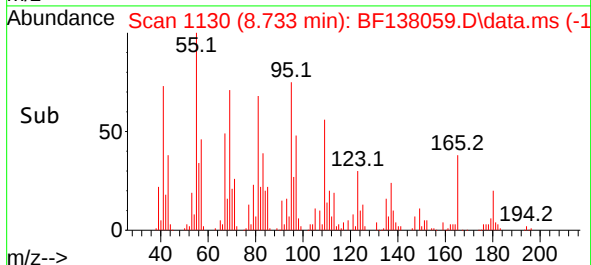
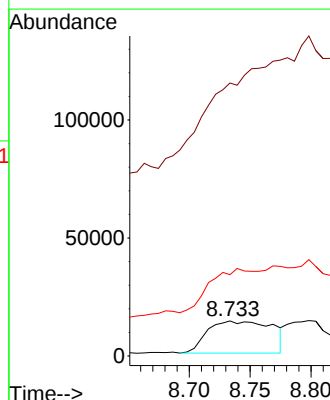
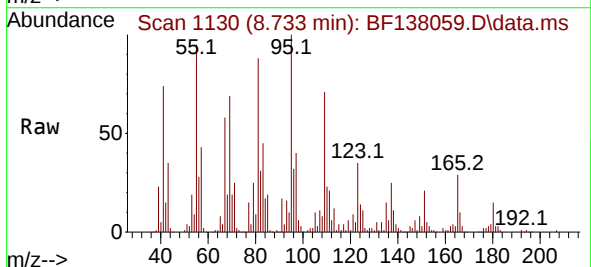
Tgt Ion:113 Resp: 50333

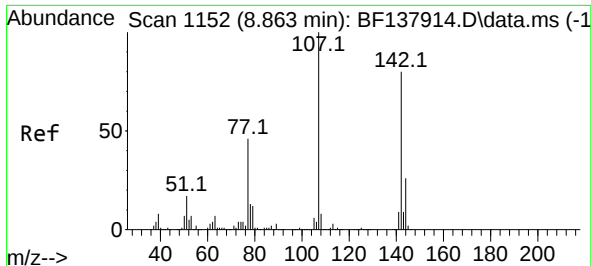
Ion Ratio Lower Upper

113 100

55 780.2 112.3 152.3#

56 232.3 82.7 122.7#





#36

4-Chloro-3-methylphenol

Concen: 46.579 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.024 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

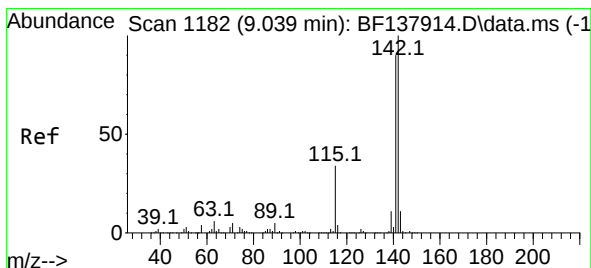
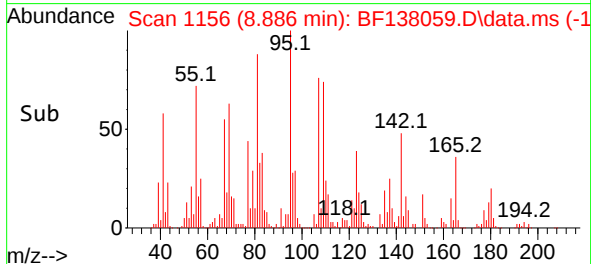
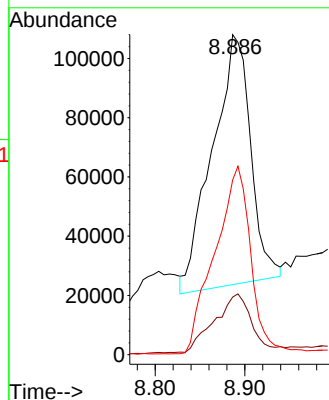
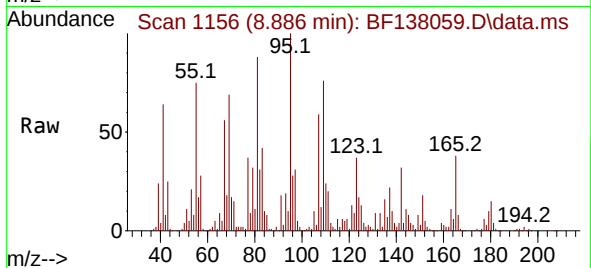
Tgt Ion:107 Resp: 250611

Ion Ratio Lower Upper

107 100

144 18.0 20.7 31.1#

142 54.6 64.0 96.0#



#37

2-Methylnaphthalene

Concen: 32.630 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.012 min

Lab File: BF138059.D

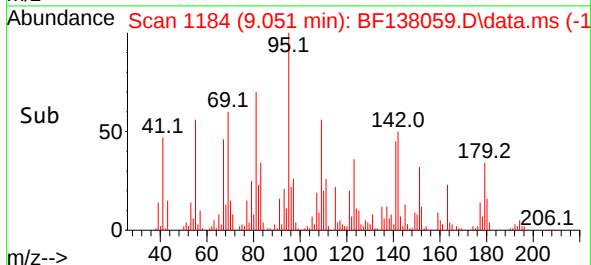
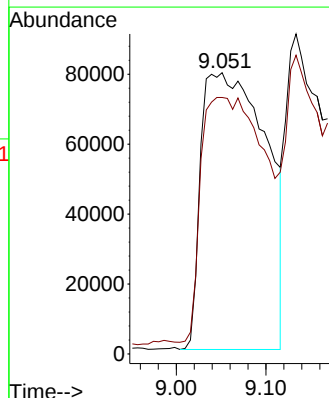
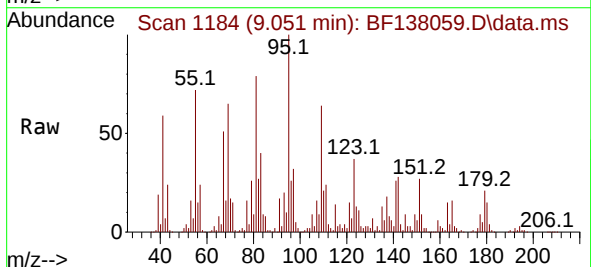
Acq: 29 May 2024 15:12

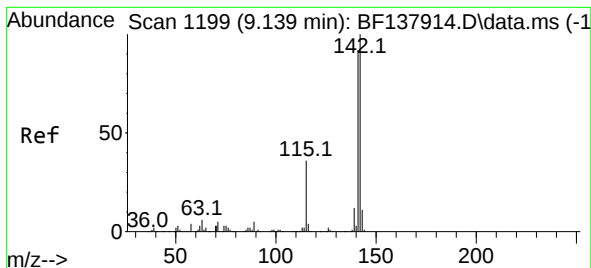
Tgt Ion:142 Resp: 397756

Ion Ratio Lower Upper

142 100

141 91.2 72.0 108.0





#38

1-Methylnaphthalene

Concen: 37.658 ng

RT: 9.133 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

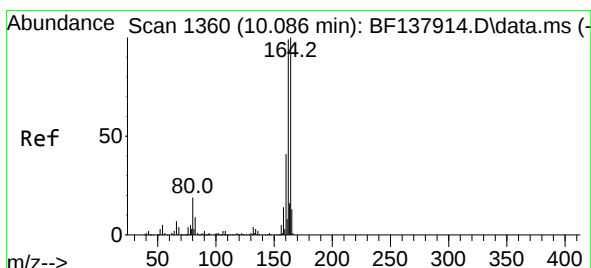
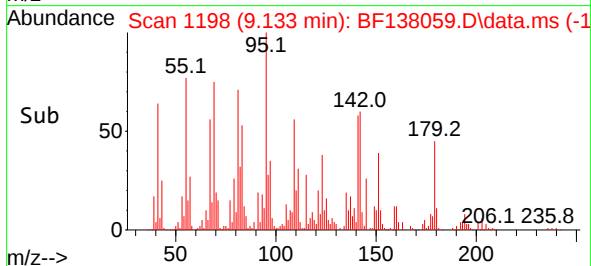
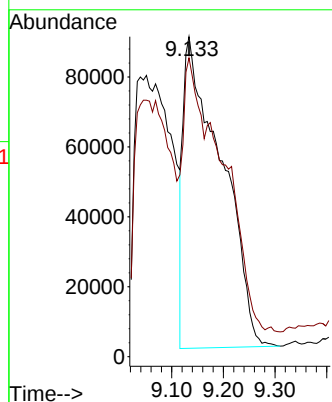
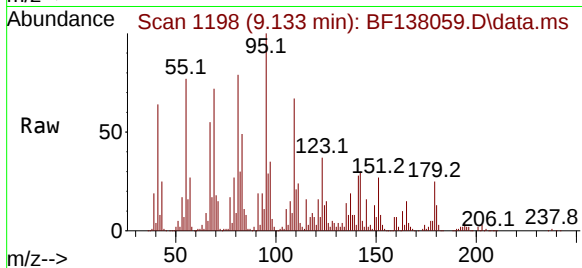
EXPE2MSD

Tgt Ion:142 Resp: 451293

Ion Ratio Lower Upper

142 100

141 93.4 73.7 110.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.186 min Scan# 1377

Delta R.T. 0.100 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

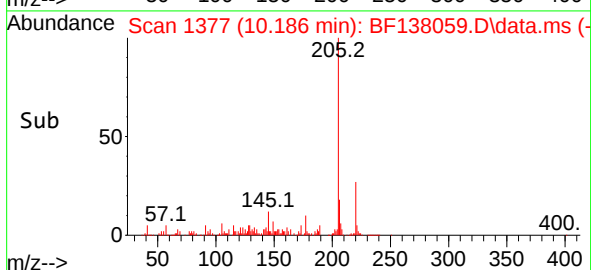
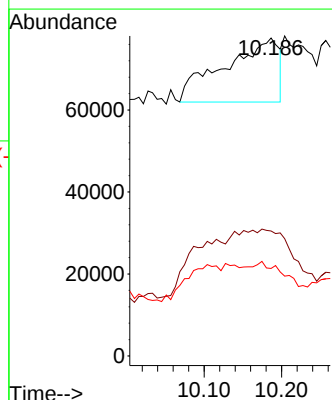
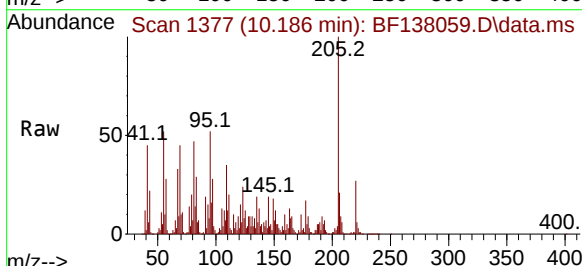
Tgt Ion:164 Resp: 75963

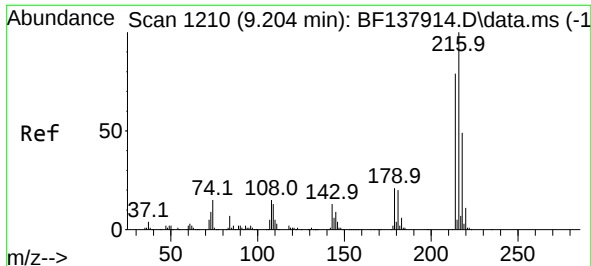
Ion Ratio Lower Upper

164 100

162 39.3 79.4 119.2#

160 27.5 33.1 49.7#

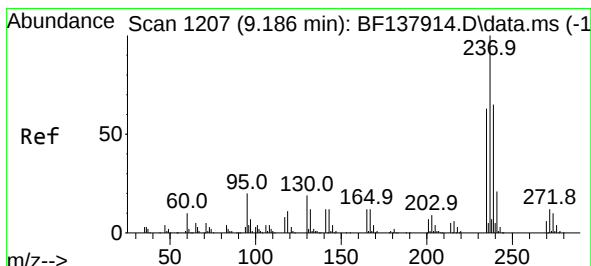
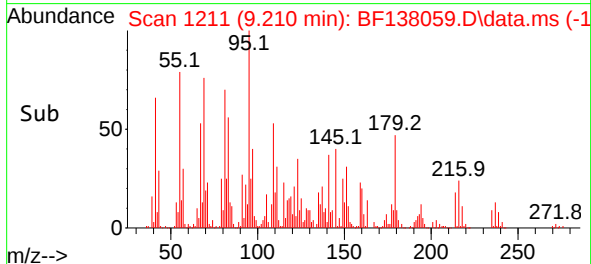
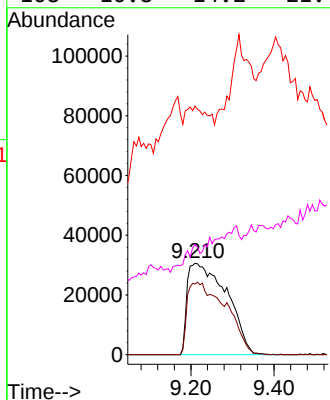
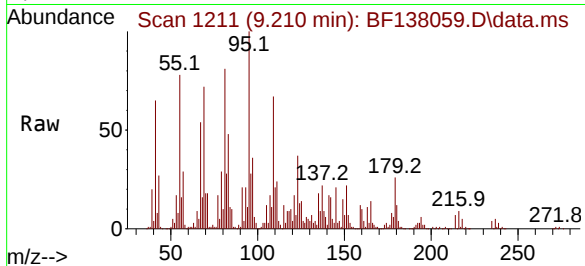




#40
1,2,4,5-Tetrachlorobenzene
Concen: 97.758 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

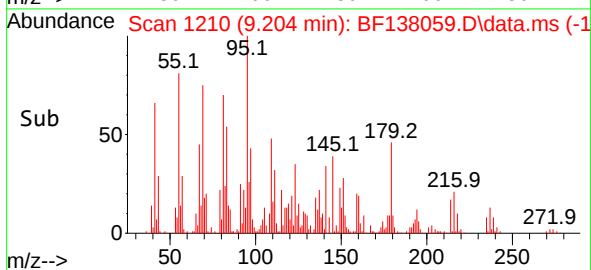
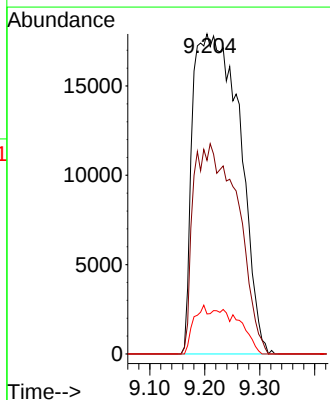
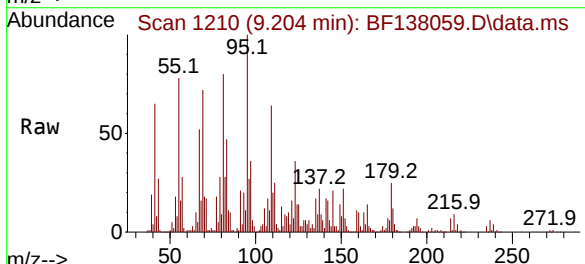
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

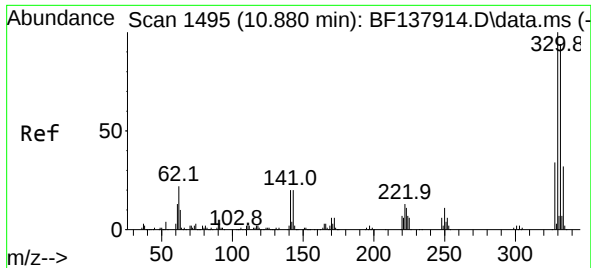
Tgt Ion:216 Resp: 201885
Ion Ratio Lower Upper
216 100
214 77.5 63.4 95.2
179 0.0 17.0 25.4#
108 10.8 14.2 21.4#



#41
Hexachlorocyclopentadiene
Concen: 134.688 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.018 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:237 Resp: 105690
Ion Ratio Lower Upper
237 100
235 60.5 42.8 82.8
272 12.5 0.0 32.0

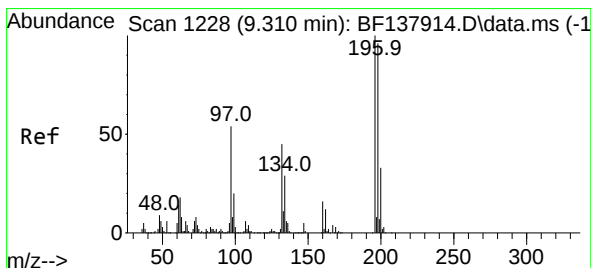
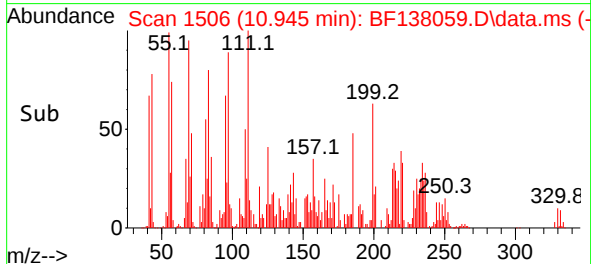
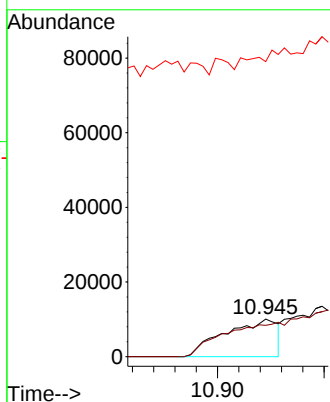
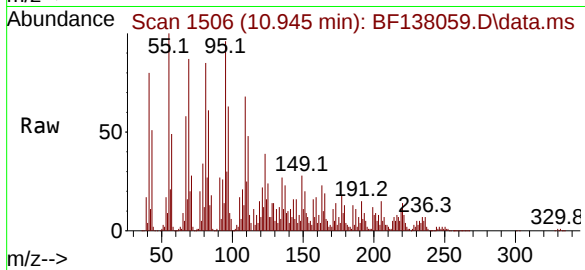




#42
2,4,6-Tribromophenol
Concen: 45.100 ng
RT: 10.945 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

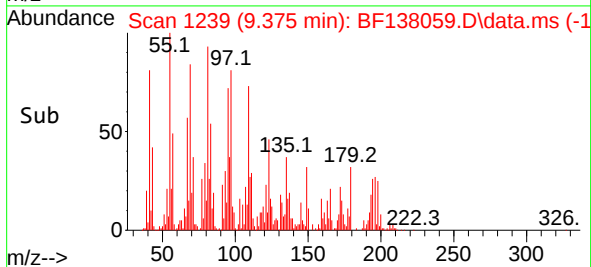
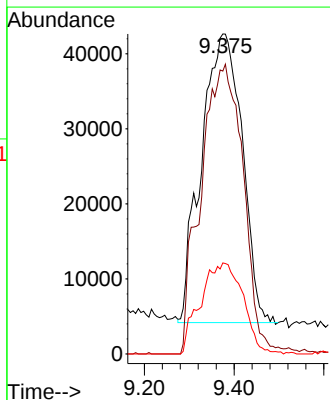
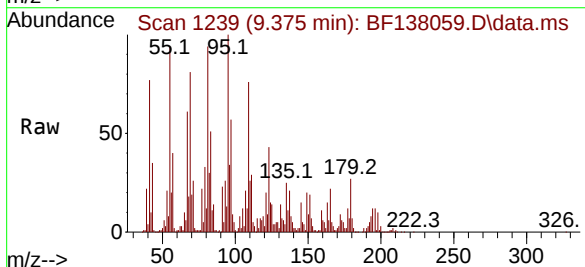
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

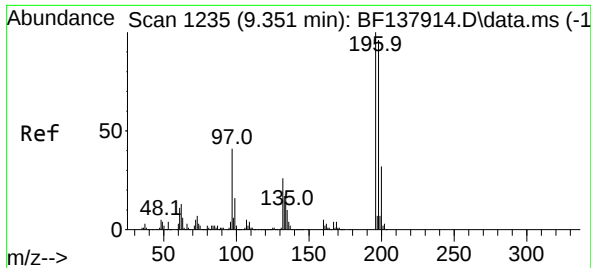
Tgt Ion:330 Resp: 34544
Ion Ratio Lower Upper
330 100
332 0.0 75.8 113.8#
141 34.4 23.8 35.6



#43
2,4,6-Trichlorophenol
Concen: 178.991 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.065 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:196 Resp: 242363
Ion Ratio Lower Upper
196 100
198 88.4 77.0 115.4
200 28.4 26.2 39.2

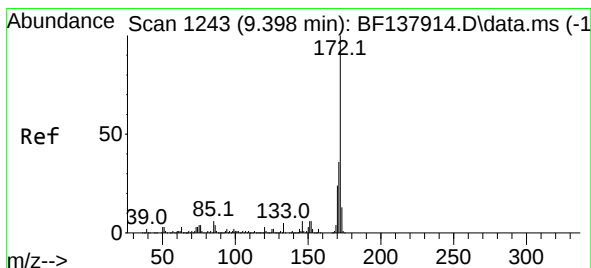
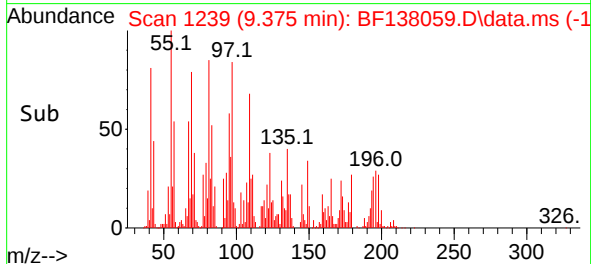
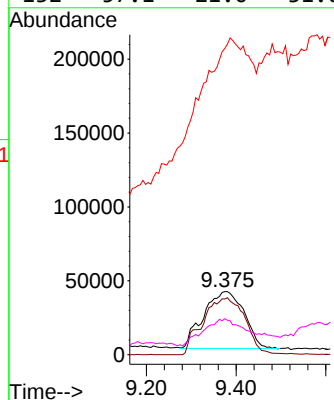
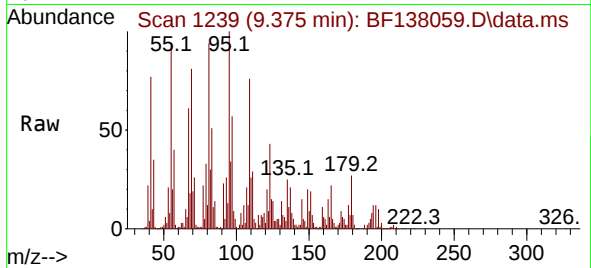




#44
2,4,5-Trichlorophenol
Concen: 163.584 ng
RT: 9.375 min Scan# 1235
Delta R.T. 0.024 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

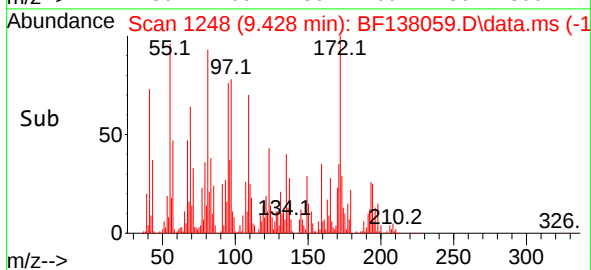
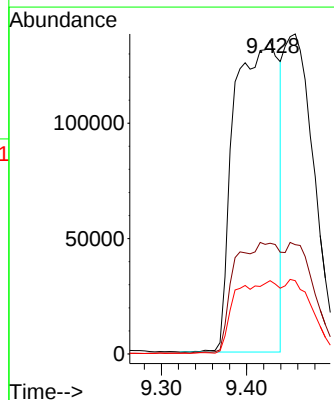
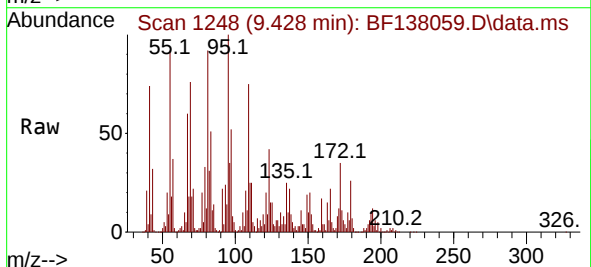
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

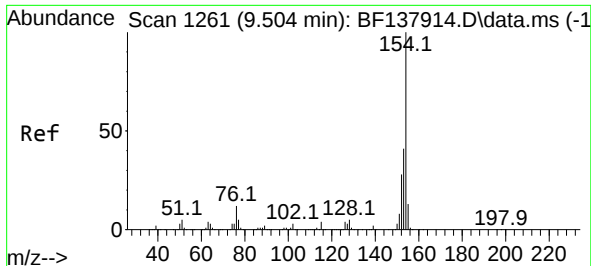
Tgt Ion:196 Resp: 242363
Ion Ratio Lower Upper
196 100
198 88.4 77.4 116.0
97 486.2 32.9 49.3#
132 57.1 21.0 31.6#



#45
2-Fluorobiphenyl
Concen: 99.391 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.029 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:172 Resp: 490141
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 23.4 18.9 28.3

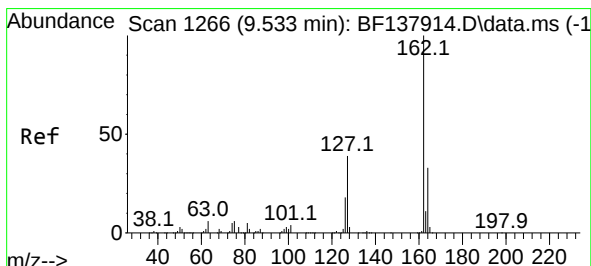
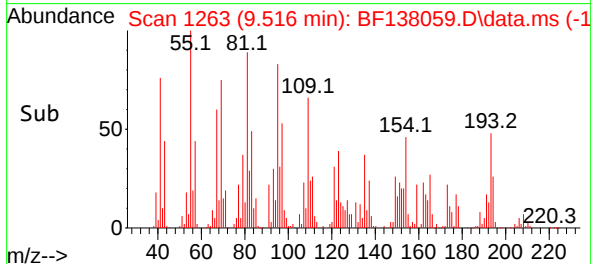
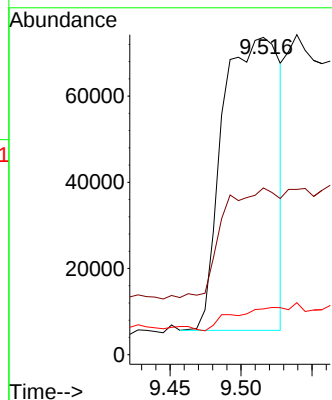
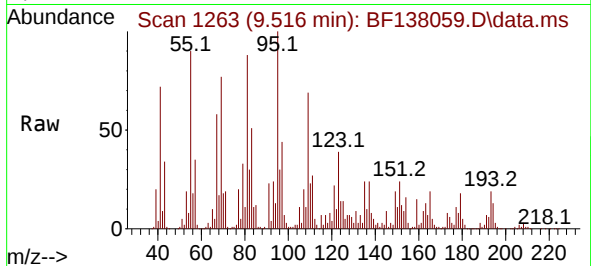




#46
1,1'-Biphenyl
Concen: 35.141 ng
RT: 9.516 min Scan# 1263
Delta R.T. 0.012 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

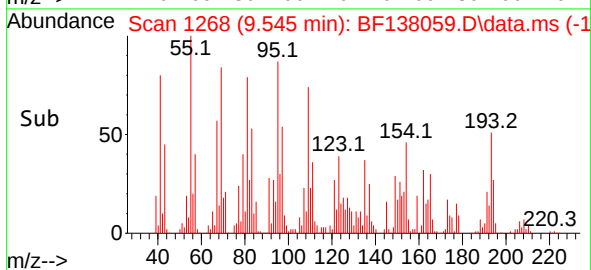
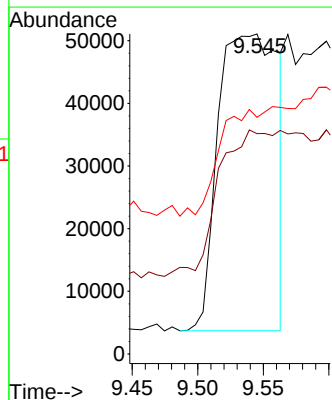
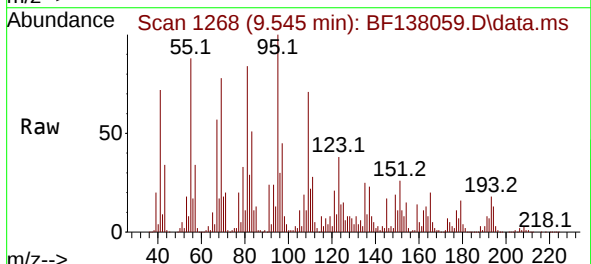
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

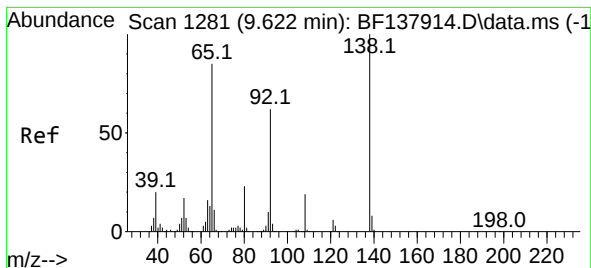
Tgt Ion:154 Resp: 187229
Ion Ratio Lower Upper
154 100
153 52.6 21.3 61.3
76 14.4 0.0 31.9



#47
2-Chloronaphthalene
Concen: 34.942 ng
RT: 9.545 min Scan# 1268
Delta R.T. 0.012 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:162 Resp: 148614
Ion Ratio Lower Upper
162 100
127 68.8 32.0 48.0#
164 74.0 26.2 39.4#





#48

2-Nitroaniline

Concen: 98.599 ng

RT: 9.657 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

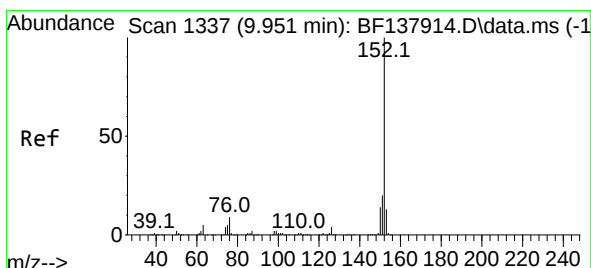
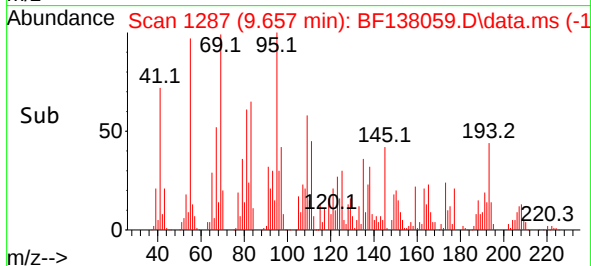
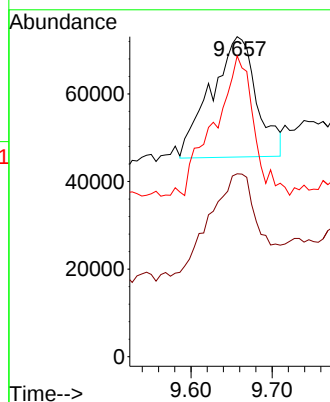
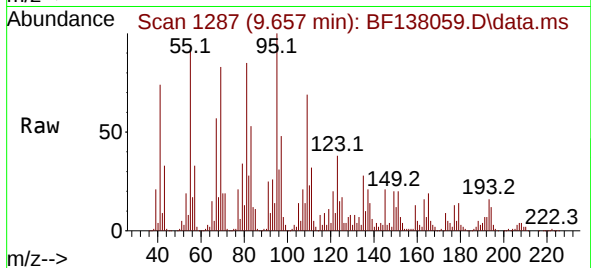
Tgt Ion: 65 Resp: 107386

Ion Ratio Lower Upper

65 100

92 57.1 58.6 88.0#

138 94.0 94.1 141.1#



#49

Acenaphthylene

Concen: 25.771 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.018 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

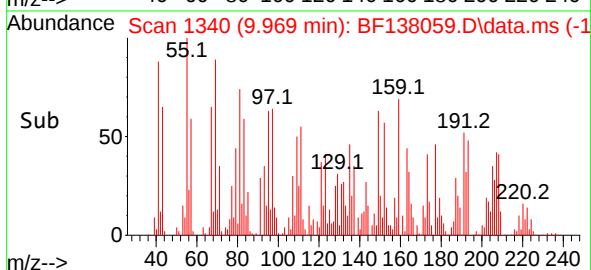
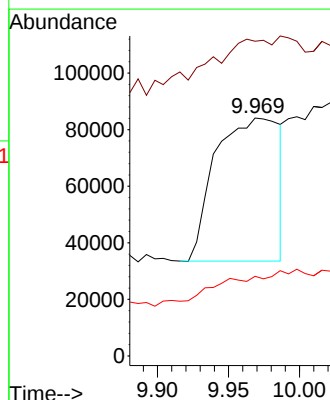
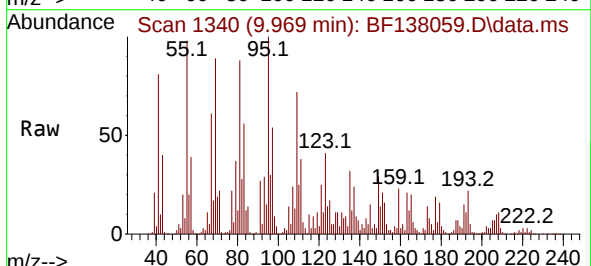
Tgt Ion: 152 Resp: 157598

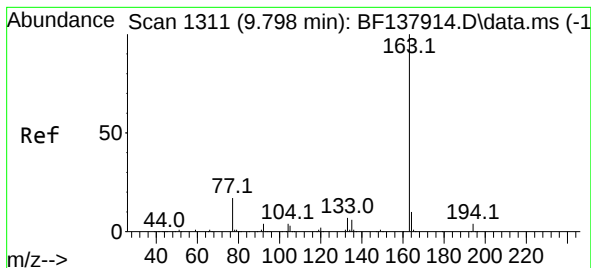
Ion Ratio Lower Upper

152 100

151 132.3 15.8 23.8#

153 33.5 10.2 15.4#





#50

Dimethylphthalate

Concen: 119.845 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.041 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

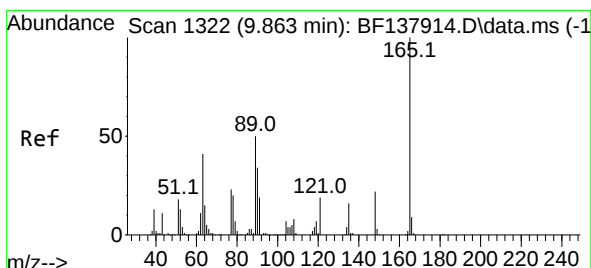
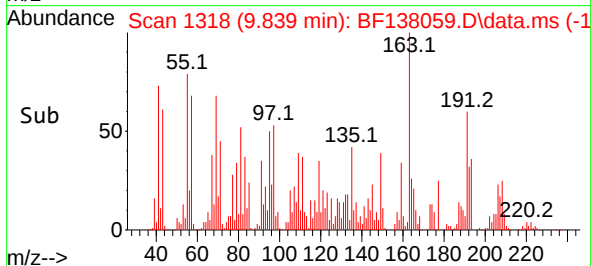
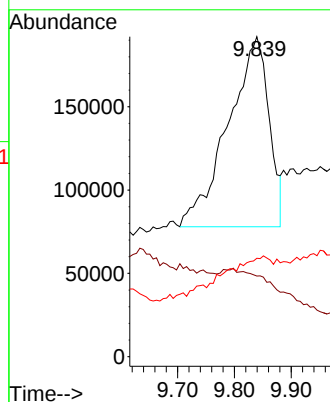
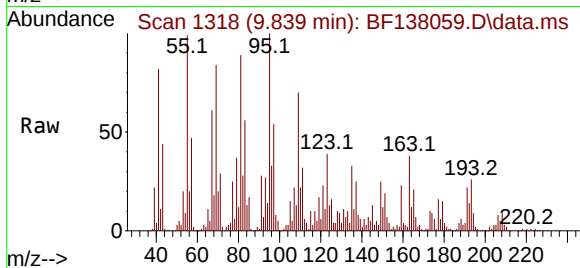
Tgt Ion:163 Resp: 570879

Ion Ratio Lower Upper

163 100

194 25.2 3.4 5.0#

164 30.7 8.0 12.0#



#51

2,6-Dinitrotoluene

Concen: 4.084 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.100 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

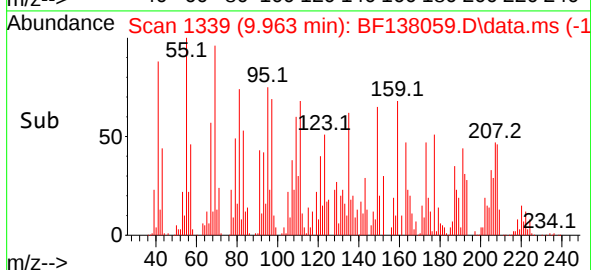
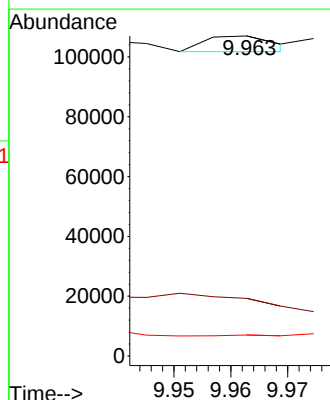
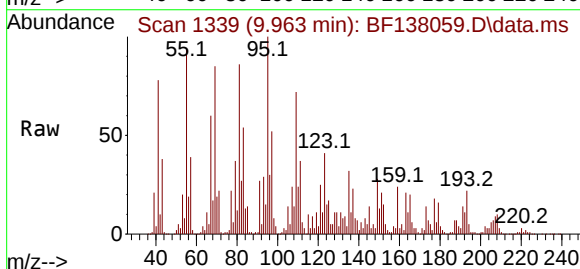
Tgt Ion:165 Resp: 4465

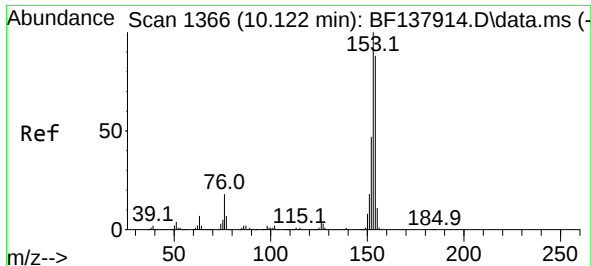
Ion Ratio Lower Upper

165 100

63 18.0 38.9 58.3#

89 6.5 40.4 60.6#

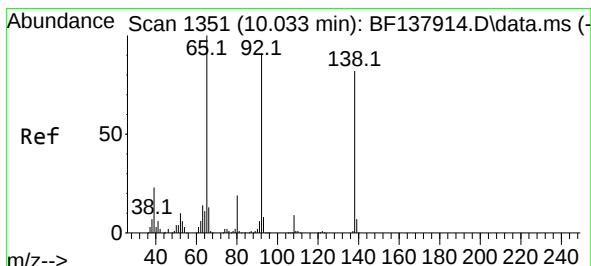
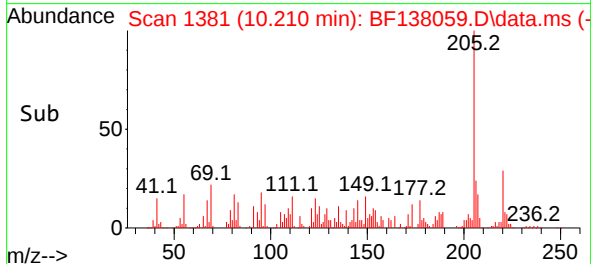
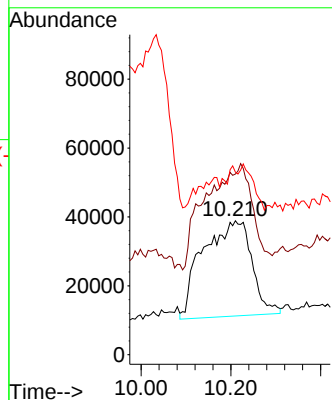
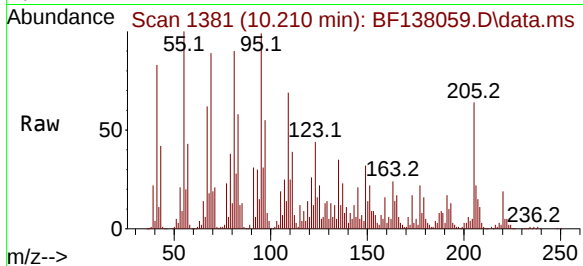




#52
Acenaphthene
Concen: 51.909 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

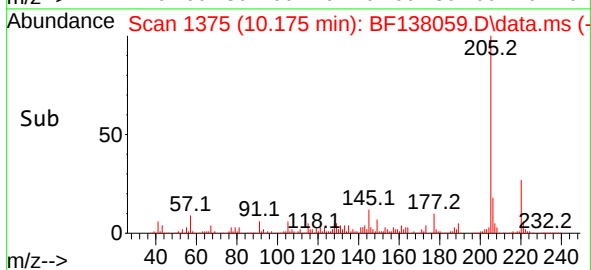
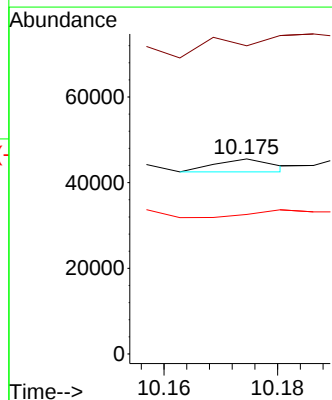
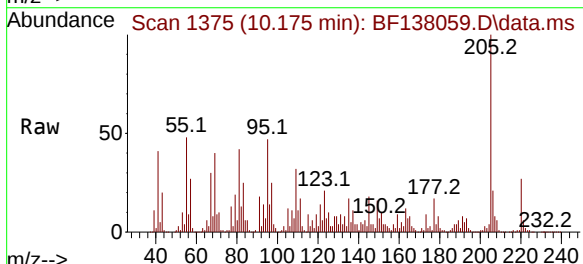
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

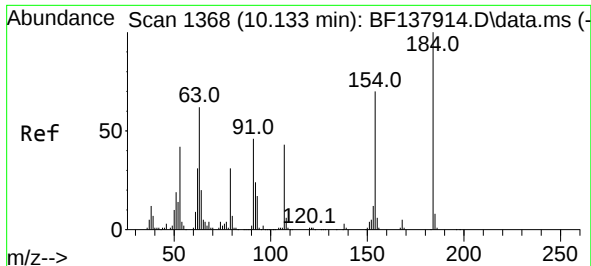
Tgt Ion:154 Resp: 209815
Ion Ratio Lower Upper
154 100
153 134.9 90.4 135.6
152 136.4 42.3 63.5#



#53
3-Nitroaniline
Concen: 2.045 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.141 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:138 Resp: 2186
Ion Ratio Lower Upper
138 100
108 158.0 8.8 13.2#
92 71.5 88.6 133.0#

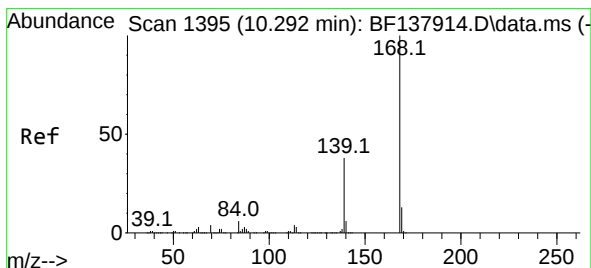
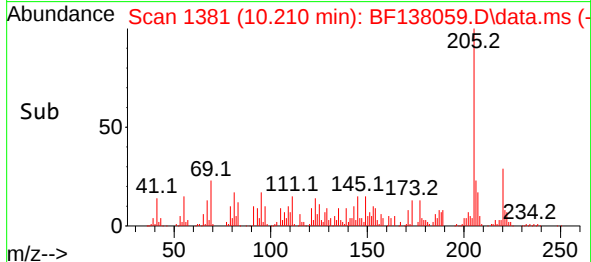
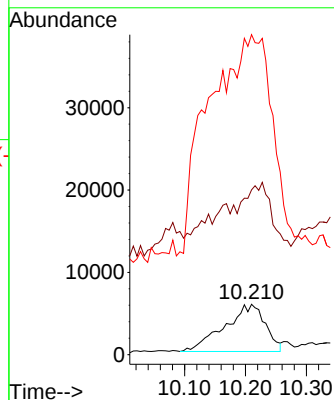
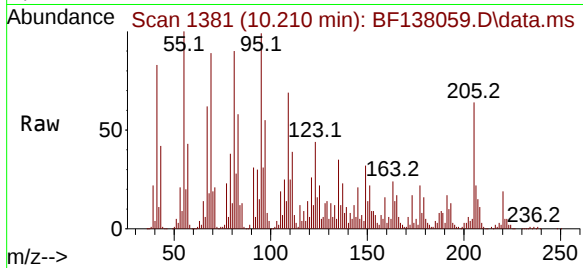




#54
2,4-Dinitrophenol
Concen: 48.043 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

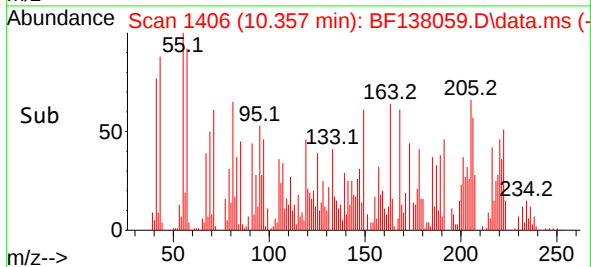
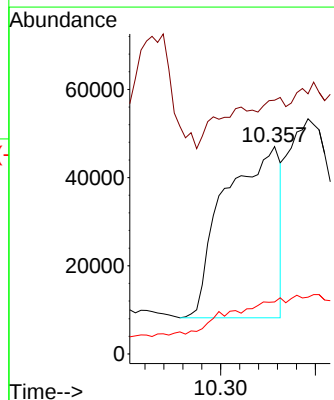
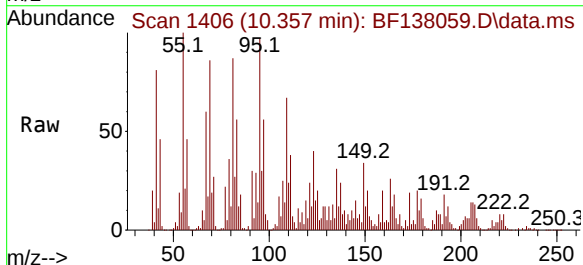
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

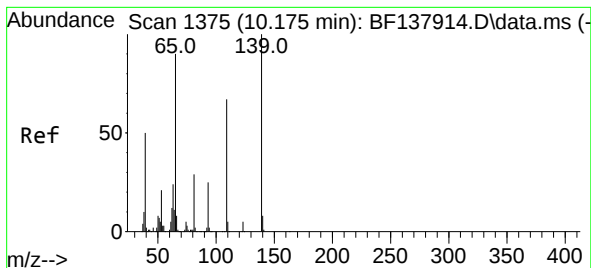
Tgt Ion:184 Resp: 26575
Ion Ratio Lower Upper
184 100
63 326.8 50.4 75.6#
154 634.3 63.7 95.5#



#55
Dibenzofuran
Concen: 26.635 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.065 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:168 Resp: 156679
Ion Ratio Lower Upper
168 100
139 122.3 30.4 45.6#
169 25.1 10.5 15.7#

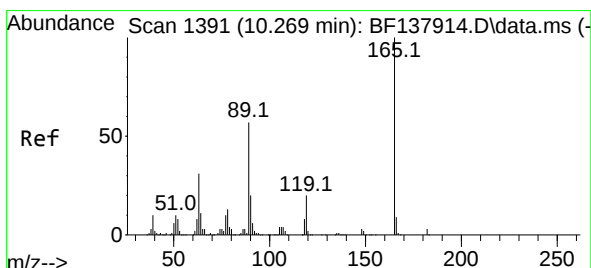
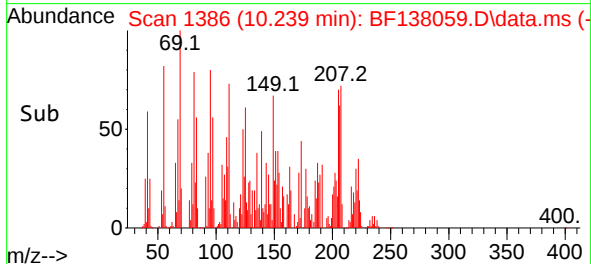
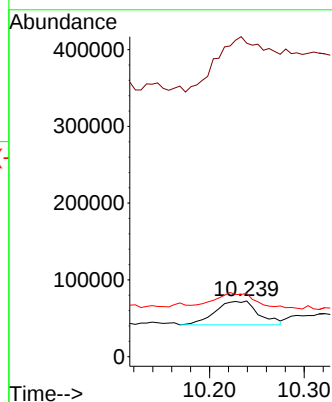
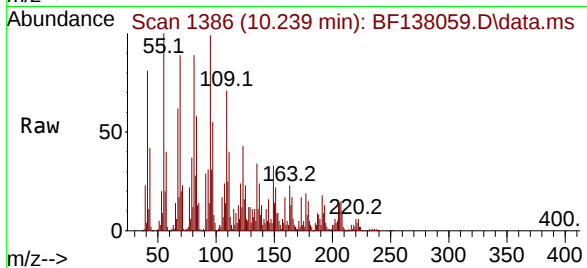




#56
4-Nitrophenol
Concen: 126.751 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

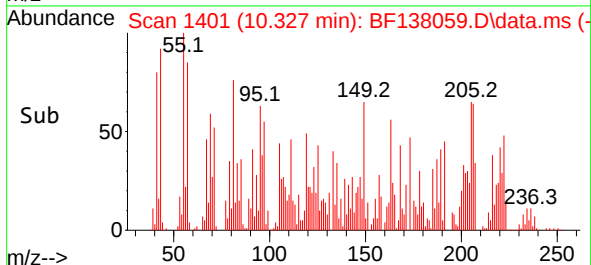
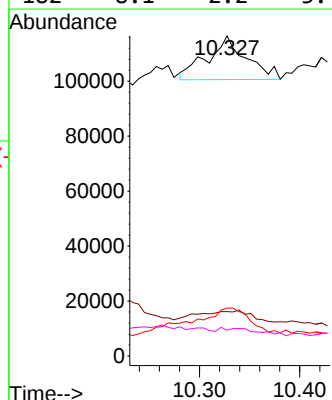
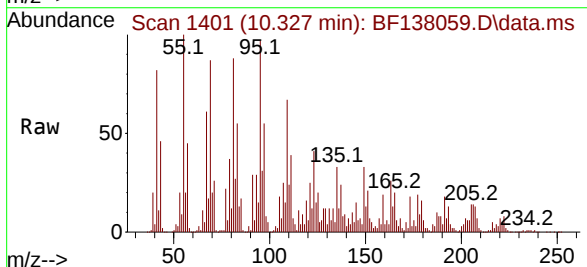
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

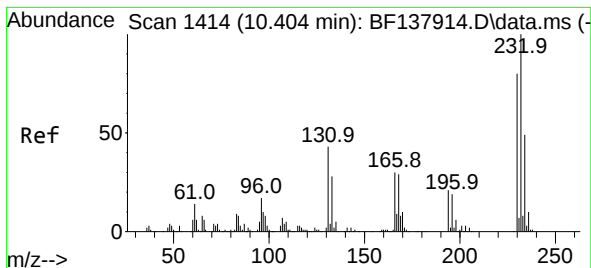
Tgt Ion:139 Resp: 97300
Ion Ratio Lower Upper
139 100
109 562.4 46.5 86.5#
65 113.4 70.4 110.4#



#57
2,4-Dinitrotoluene
Concen: 30.177 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.059 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:165 Resp: 42651
Ion Ratio Lower Upper
165 100
63 13.8 25.3 37.9#
89 14.9 45.9 68.9#
182 8.1 2.2 3.4#

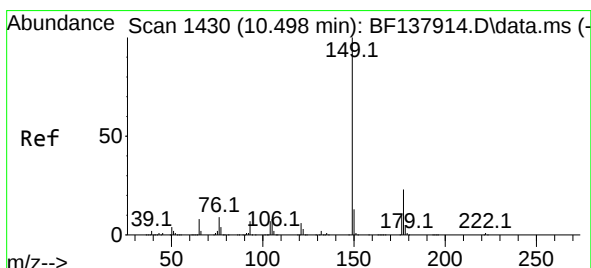
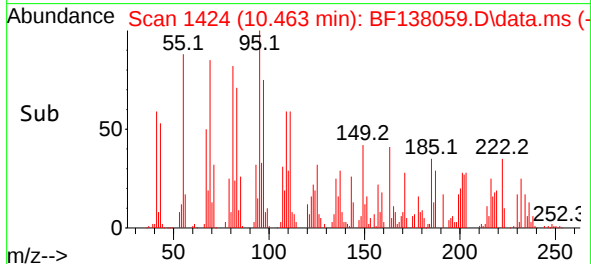
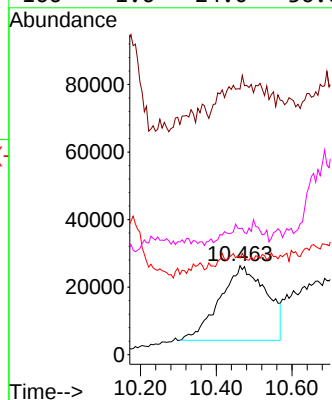
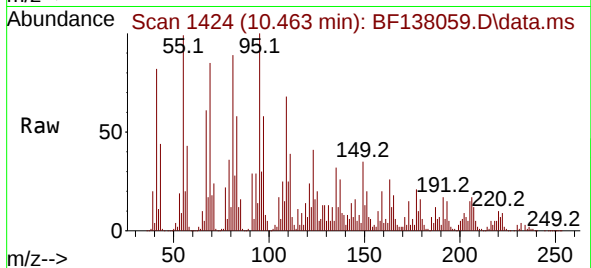




#59
2,3,4,6-Tetrachlorophenol
Concen: 162.547 ng
RT: 10.463 min Scan# 1414
Delta R.T. 0.059 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

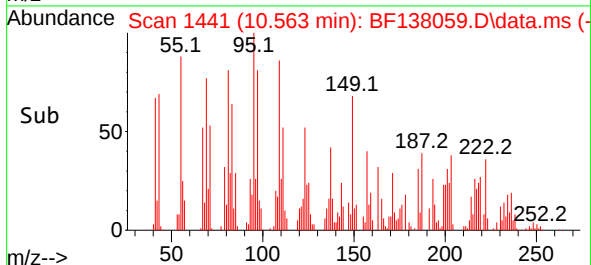
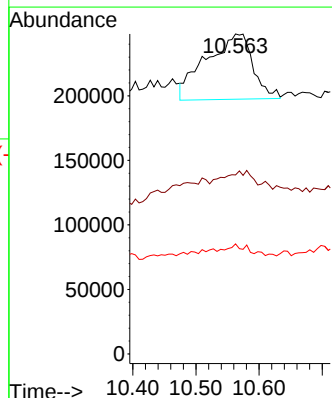
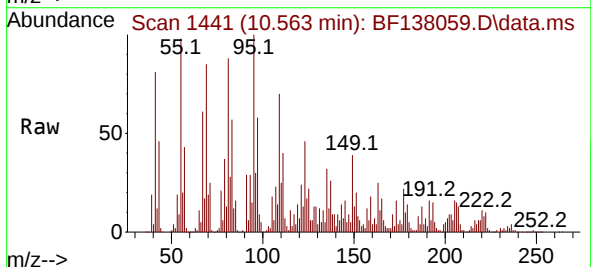
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

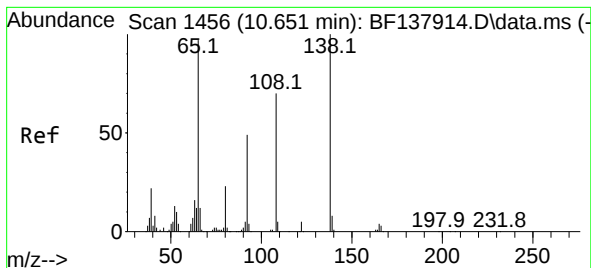
Tgt Ion:232 Resp: 189189
Ion Ratio Lower Upper
232 100
131 0.0 34.4 51.6#
130 1.6 1.7 2.5#
166 1.6 24.0 36.0#



#60
Diethylphthalate
Concen: 58.329 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.065 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:149 Resp: 259494
Ion Ratio Lower Upper
149 100
177 55.9 18.4 27.6#
150 34.4 10.1 15.1#

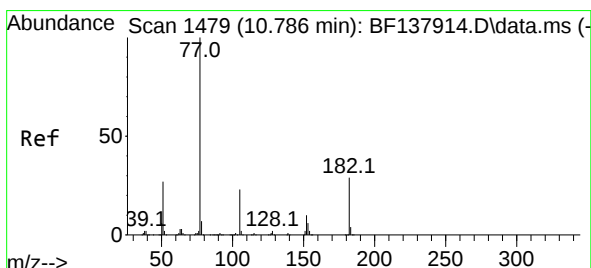
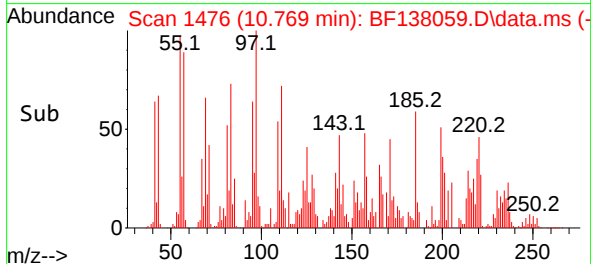
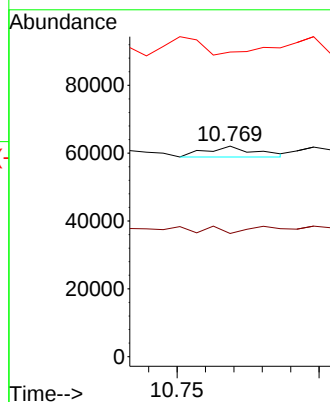
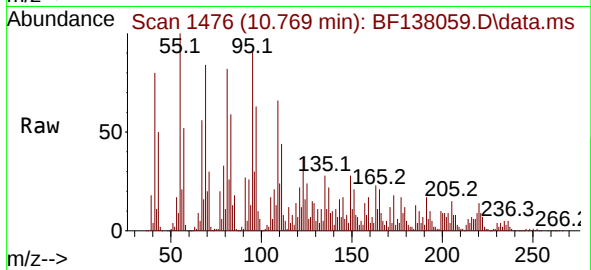




#62
4-Nitroaniline
Concen: 3.747 ng
RT: 10.769 min Scan# 1456
Delta R.T. 0.118 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

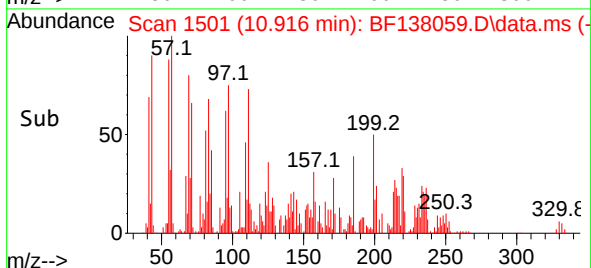
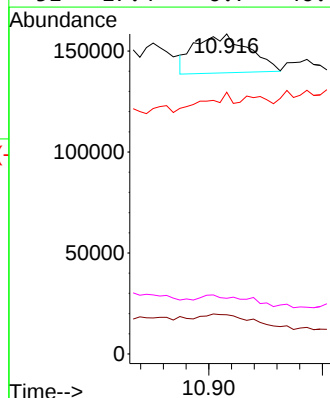
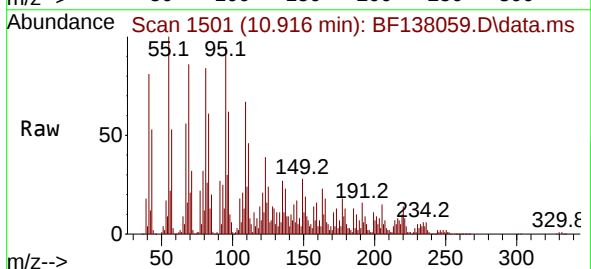
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

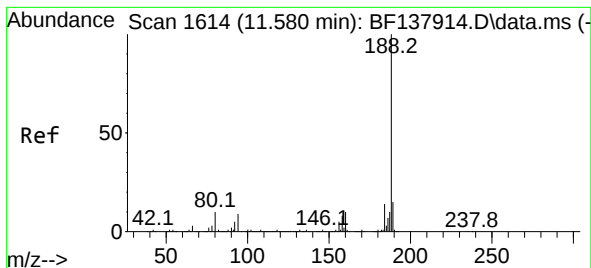
Tgt Ion:138 Resp: 3798
Ion Ratio Lower Upper
138 100
92 58.5 29.0 69.0
108 144.6 49.7 89.7#



#63
Azobenzene
Concen: 15.467 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.129 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion: 77 Resp: 62590
Ion Ratio Lower Upper
77 100
182 12.2 9.2 49.2
105 81.8 3.1 43.1#
51 17.4 6.7 46.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.053 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

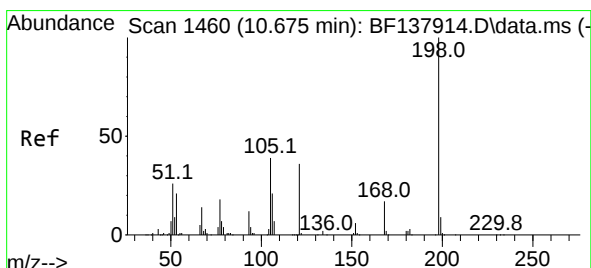
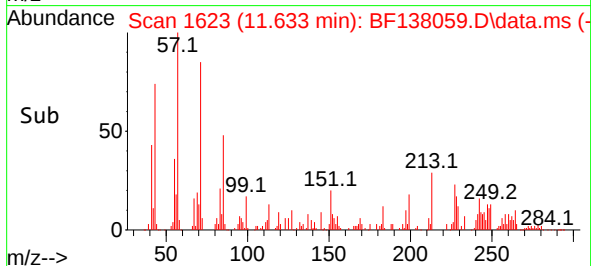
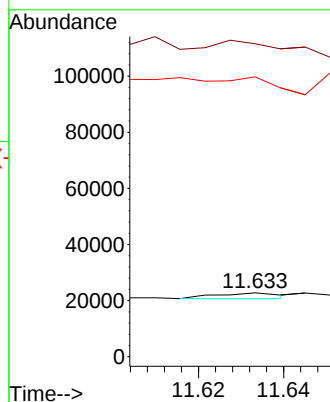
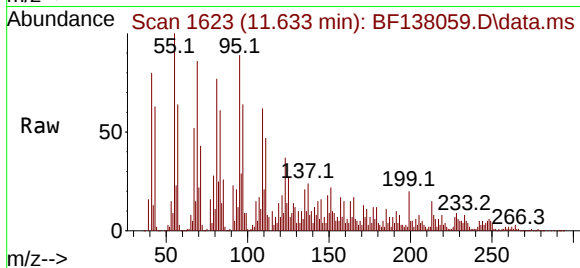
Tgt Ion:188 Resp: 2067

Ion Ratio Lower Upper

188 100

94 489.9 7.0 10.4#

80 438.1 7.7 11.5#



#65

4,6-Dinitro-2-methylphenol

Concen: 4139.347 ng

RT: 10.769 min Scan# 1476

Delta R.T. 0.094 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

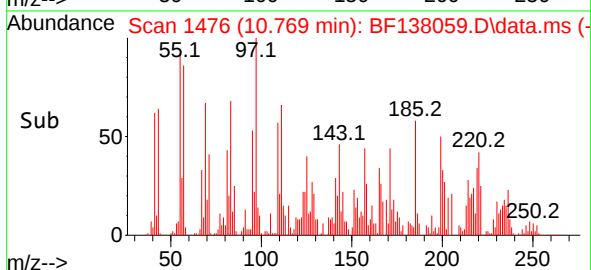
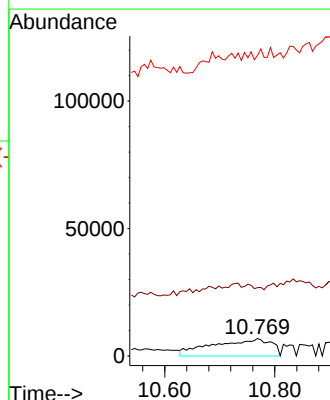
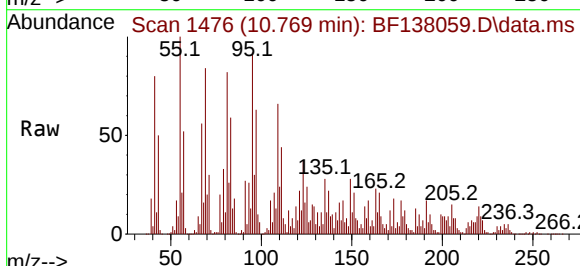
Tgt Ion:198 Resp: 49403

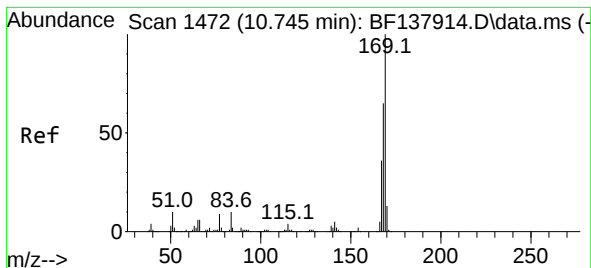
Ion Ratio Lower Upper

198 100

51 391.8 13.8 53.8#

105 1721.7 19.0 59.0#





#66

n-Nitrosodiphenylamine

Concen: 3793.527 ng

RT: 10.833 min Scan# 1472

Delta R.T. 0.088 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

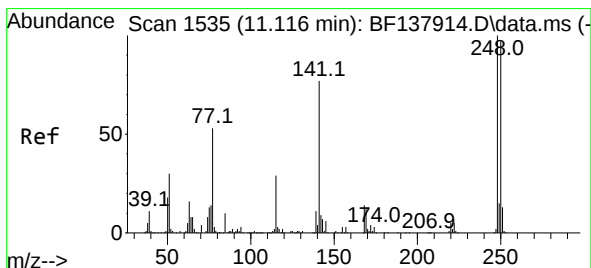
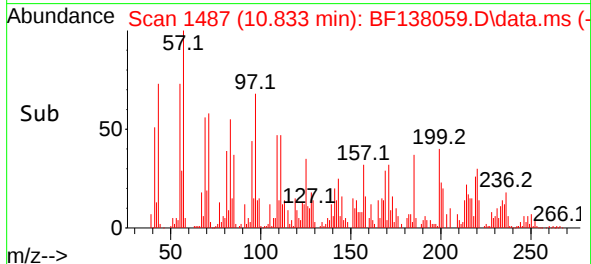
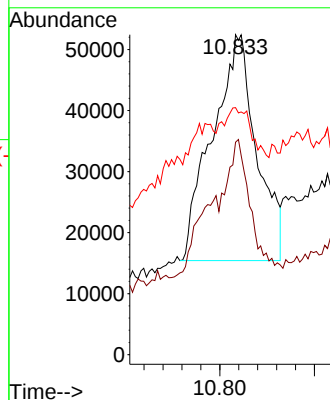
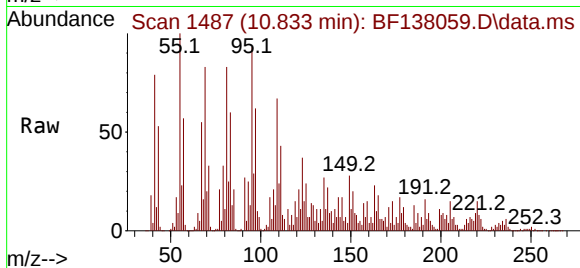
Tgt Ion:169 Resp: 240466

Ion Ratio Lower Upper

169 100

168 66.4 52.4 78.6

167 77.2 28.9 43.3#



#67

4-Bromophenyl-phenylether

Concen: 1798.440 ng

RT: 11.222 min Scan# 1553

Delta R.T. 0.106 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

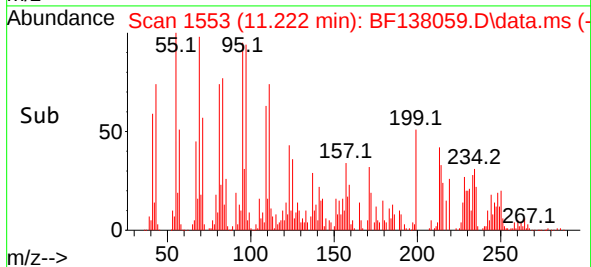
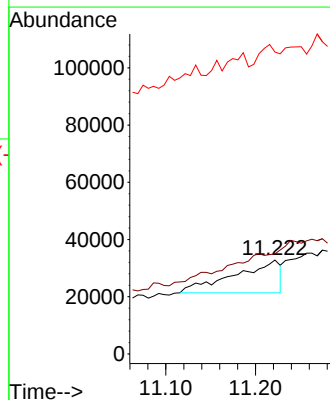
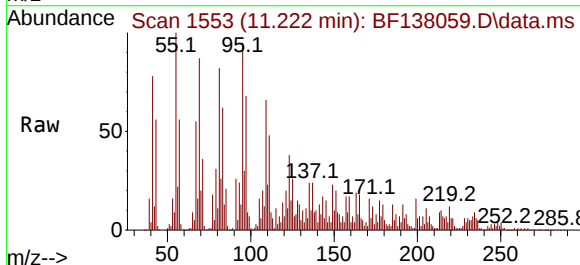
Tgt Ion:248 Resp: 40753

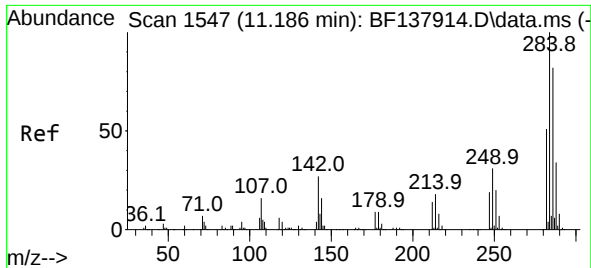
Ion Ratio Lower Upper

248 100

250 106.5 77.6 116.4

141 321.7 61.4 92.2#

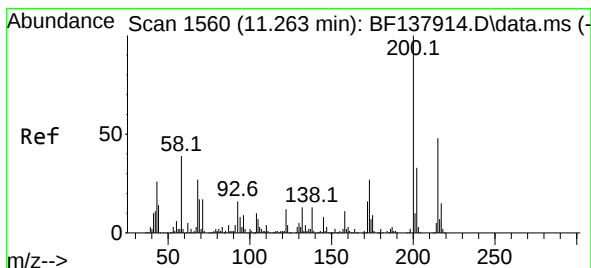
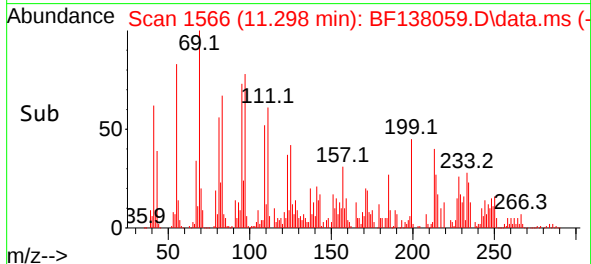
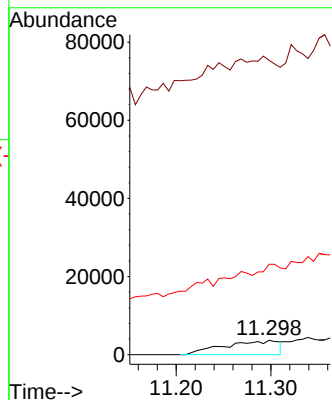
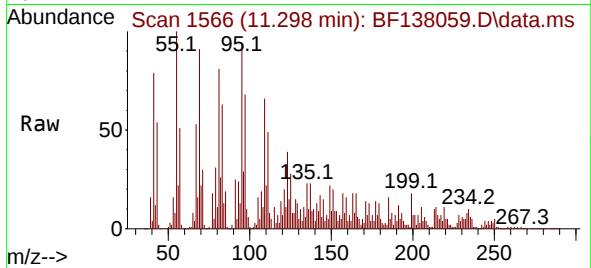




#68
Hexachlorobenzene
Concen: 580.160 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.112 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

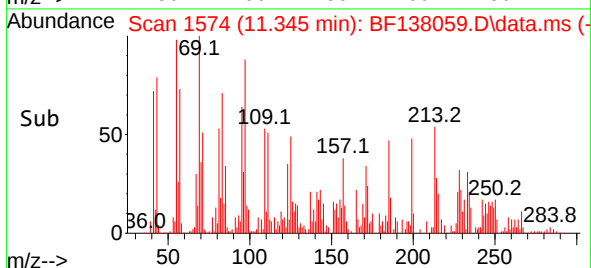
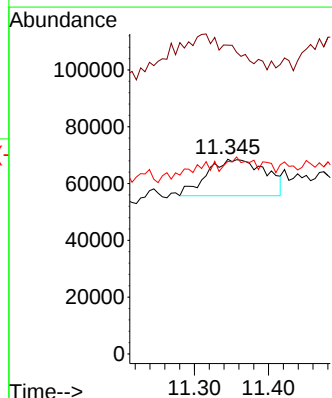
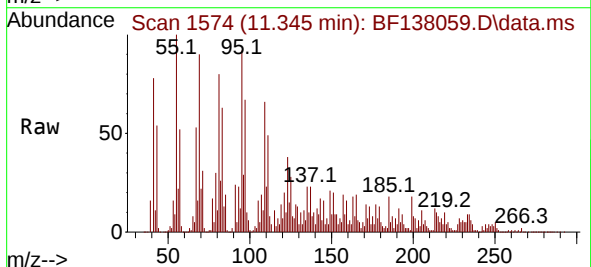
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

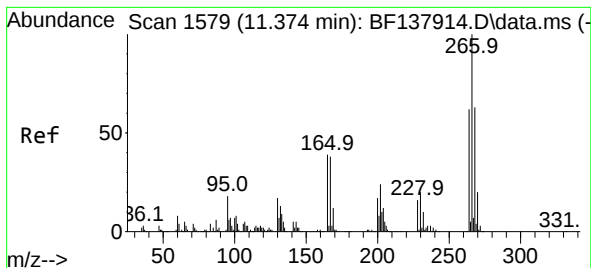
Tgt Ion:284 Resp: 14532
Ion Ratio Lower Upper
284 100
142 2042.1 21.3 31.9#
249 626.8 24.6 37.0#



#69
Atrazine
Concen: 4073.652 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.082 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:200 Resp: 70512
Ion Ratio Lower Upper
200 100
173 158.6 6.6 46.6#
215 99.0 27.5 67.5#





#70

Pentachlorophenol

Concen: 3261.352 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.035 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

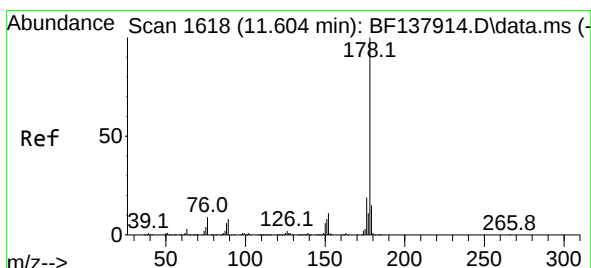
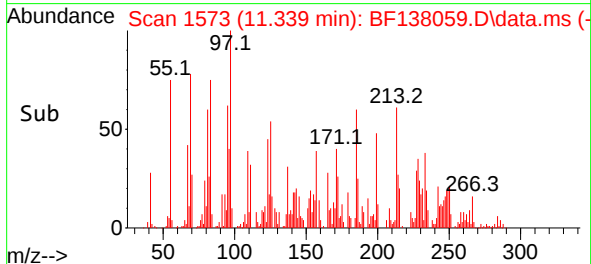
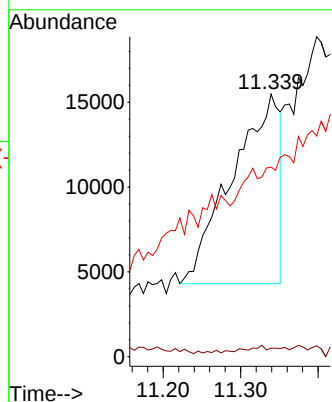
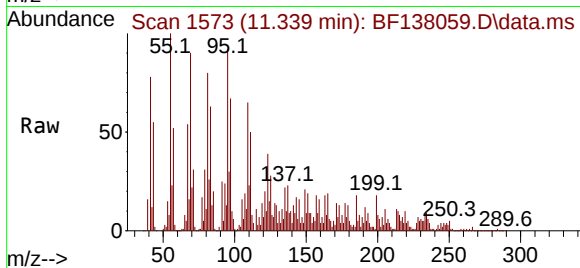
Tgt Ion:266 Resp: 47852

Ion Ratio Lower Upper

266 100

268 3.2 50.1 75.1#

264 72.2 49.4 74.2



#71

Phenanthrene

Concen: 3185.189 ng

RT: 11.816 min Scan# 1654

Delta R.T. 0.212 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

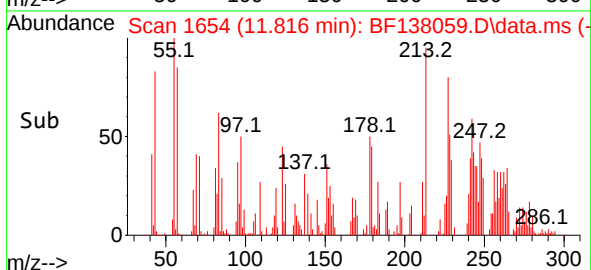
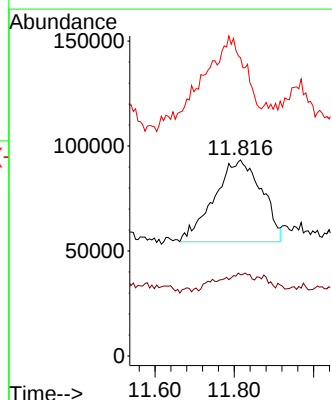
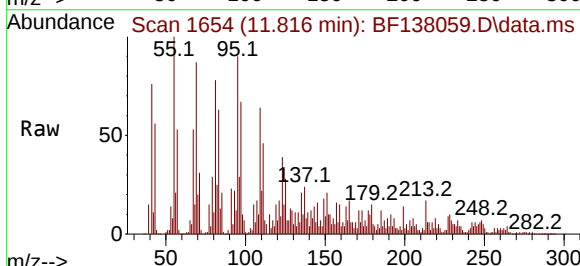
Tgt Ion:178 Resp: 324443

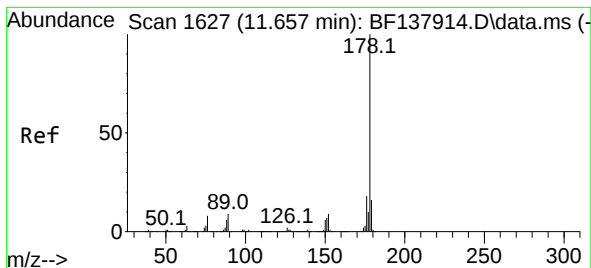
Ion Ratio Lower Upper

178 100

176 41.4 15.2 22.8#

179 152.1 12.2 18.4#





#72

Anthracene

Concen: 3210.286 ng

RT: 11.816 min Scan# 1

Delta R.T. 0.159 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

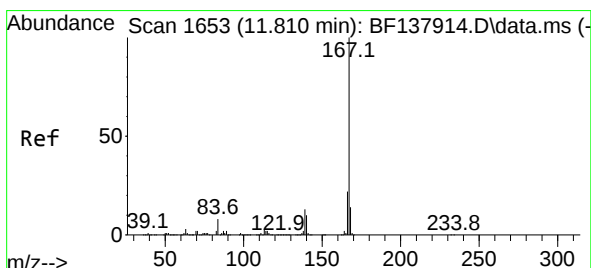
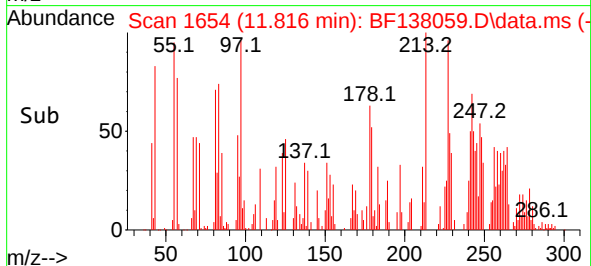
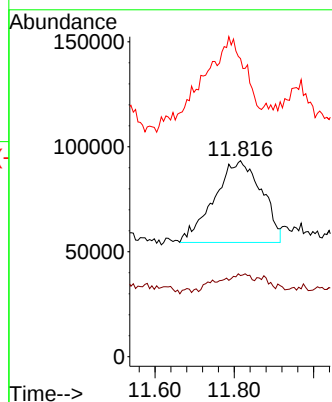
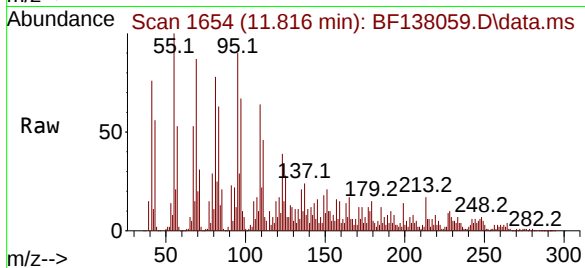
Tgt Ion:178 Resp: 324443

Ion Ratio Lower Upper

178 100

176 41.4 14.7 22.1#

179 152.1 12.4 18.6#



#73

Carbazole

Concen: 71.208 ng

RT: 11.827 min Scan# 1656

Delta R.T. 0.018 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

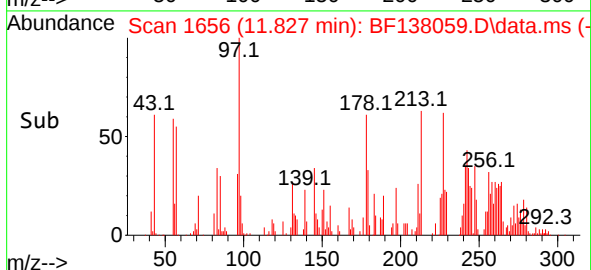
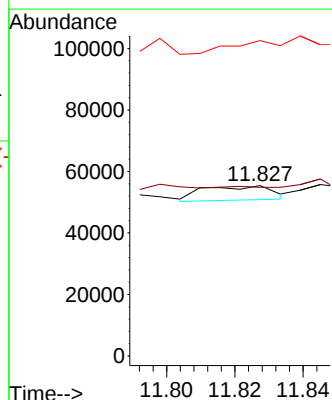
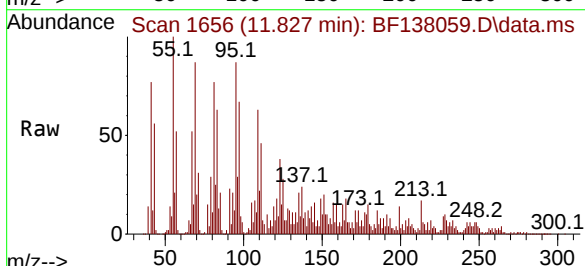
Tgt Ion:167 Resp: 6574

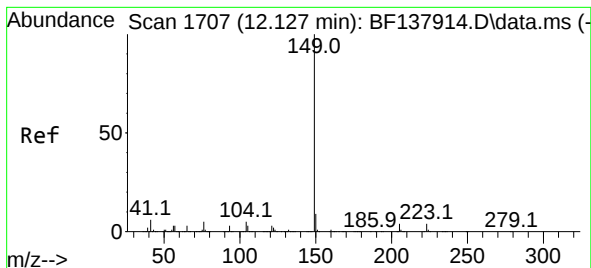
Ion Ratio Lower Upper

167 100

166 99.0 17.3 25.9#

139 185.1 10.3 15.5#





#74

Di-n-butylphthalate

Concen: 156.281 ng

RT: 12.174 min Scan# 1

Delta R.T. 0.047 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

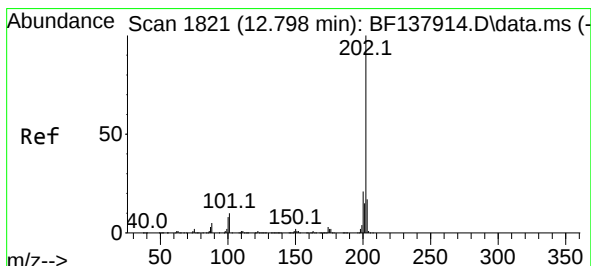
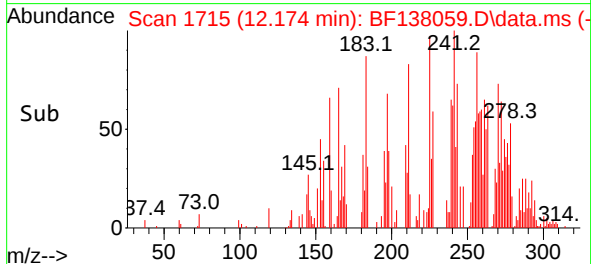
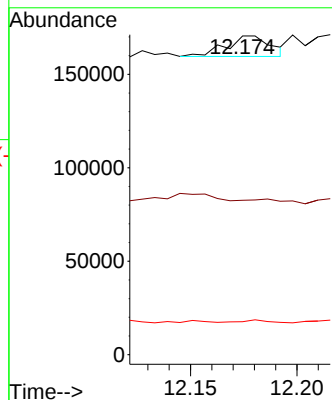
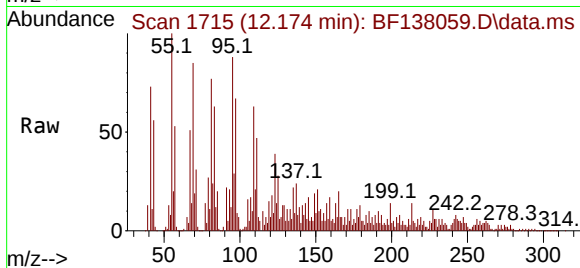
Tgt Ion:149 Resp: 16012

Ion Ratio Lower Upper

149 100

150 48.5 7.4 11.2#

104 10.4 3.6 5.4#



#75

Fluoranthene

Concen: 97.544 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.065 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

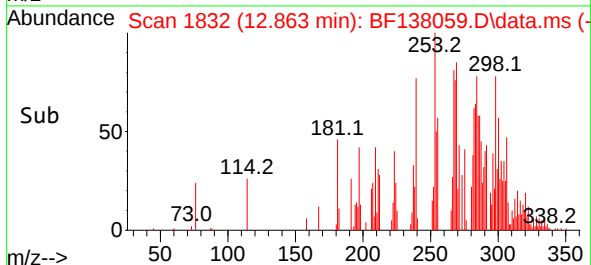
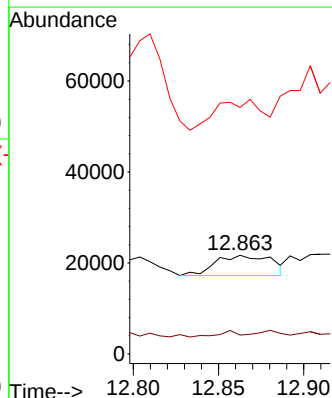
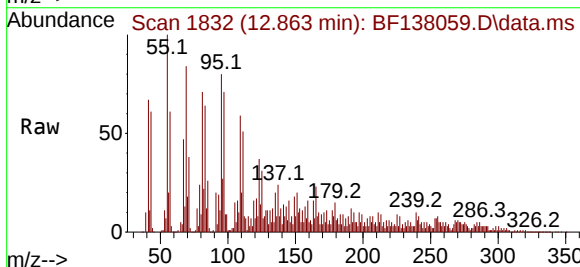
Tgt Ion:202 Resp: 10085

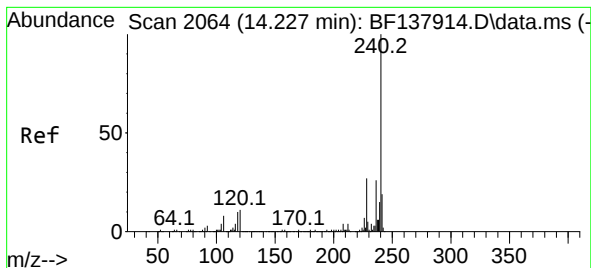
Ion Ratio Lower Upper

202 100

101 19.1 0.0 30.5

203 249.6 0.0 37.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.304 min Scan# 2064

Delta R.T. 0.076 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

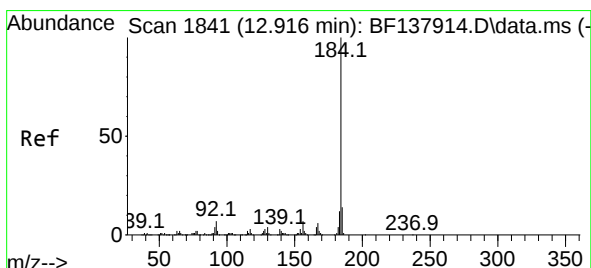
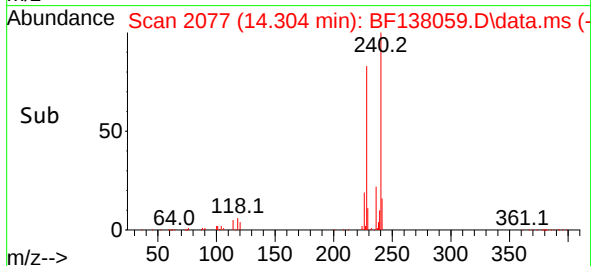
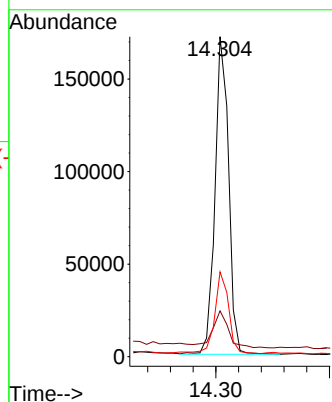
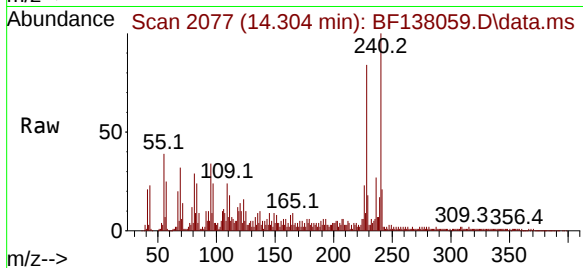
Tgt Ion:240 Resp: 142475

Ion Ratio Lower Upper

240 100

120 14.3 8.9 13.3#

236 26.5 21.0 31.4



#77

Benzidine

Concen: 30.010 ng

RT: 13.063 min Scan# 1866

Delta R.T. 0.147 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

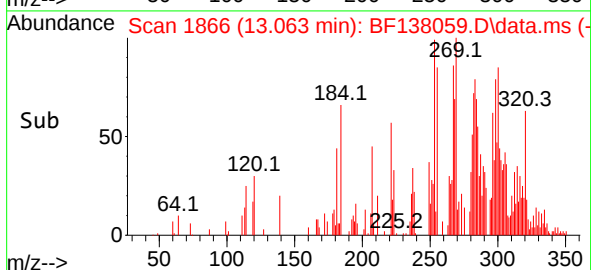
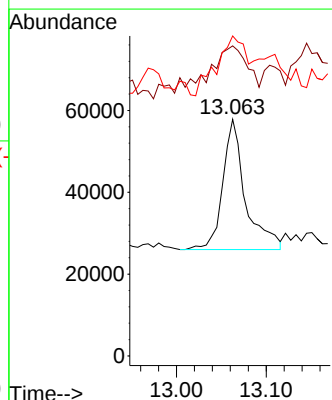
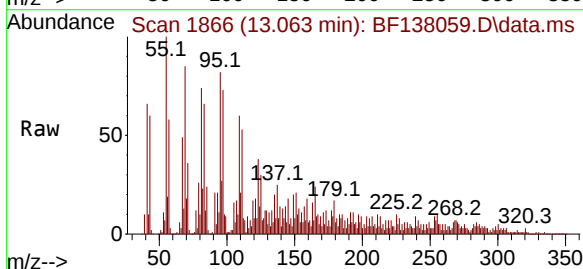
Tgt Ion:184 Resp: 55879

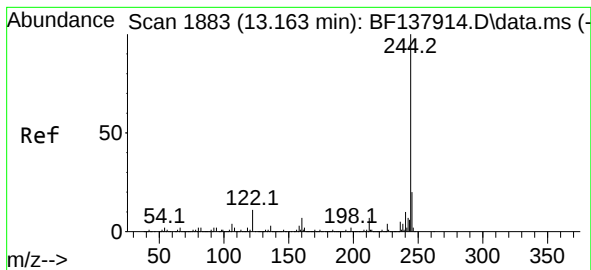
Ion Ratio Lower Upper

184 100

185 131.0 11.4 17.2#

183 135.2 9.5 14.3#





#79

Terphenyl-d14

Concen: 50.084 ng

RT: 13.345 min Scan# 1914

Delta R.T. 0.182 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

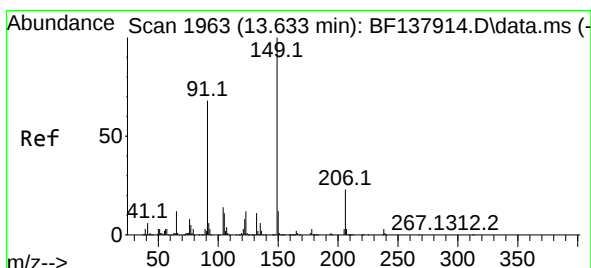
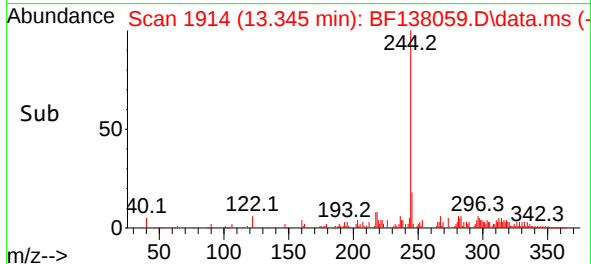
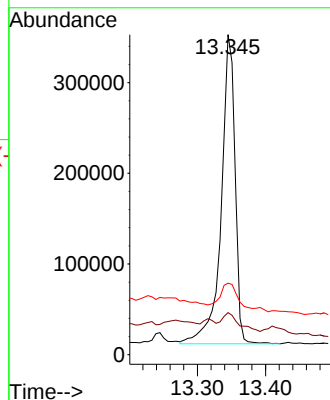
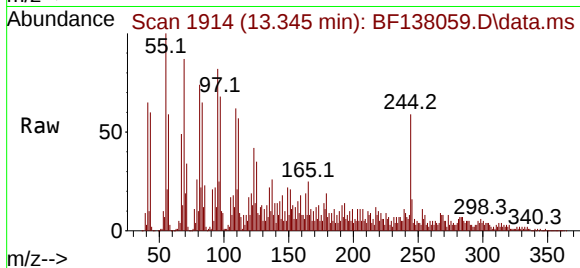
Tgt Ion:244 Resp: 484173

Ion Ratio Lower Upper

244 100

212 13.1 5.6 8.4#

122 22.4 8.8 13.2#



#80

Butylbenzylphthalate

Concen: 63.608 ng

RT: 13.733 min Scan# 1980

Delta R.T. 0.100 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

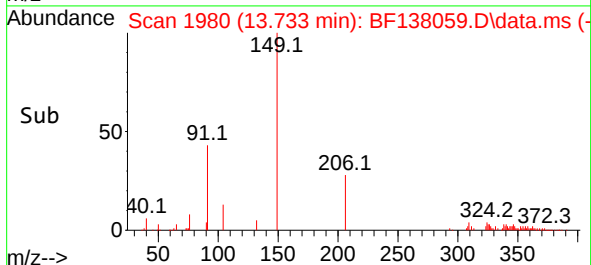
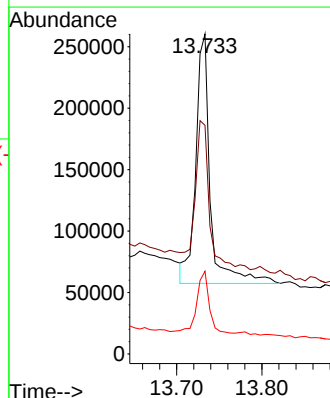
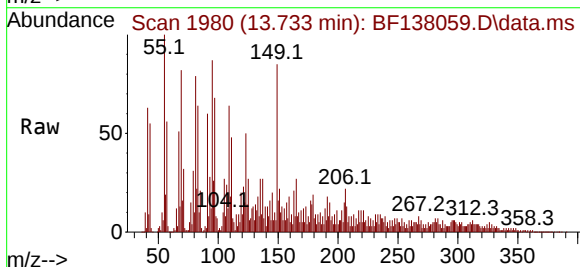
Tgt Ion:149 Resp: 239086

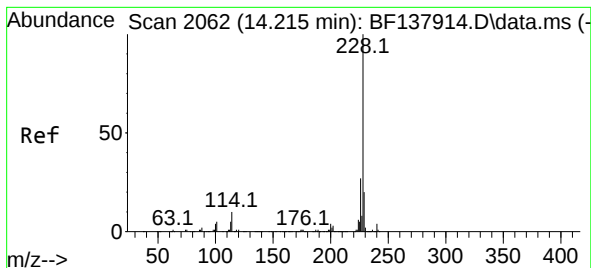
Ion Ratio Lower Upper

149 100

91 71.4 54.2 81.4

206 25.8 18.1 27.1





#81

Benzo(a)anthracene

Concen: 43.338 ng

RT: 14.298 min Scan# 2066

Delta R.T. 0.082 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

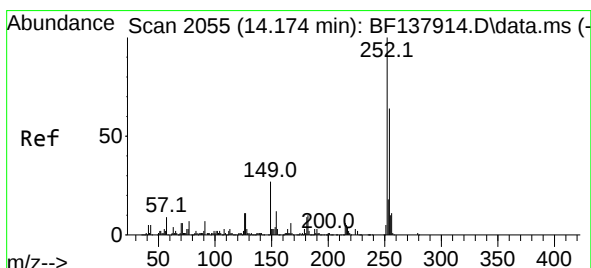
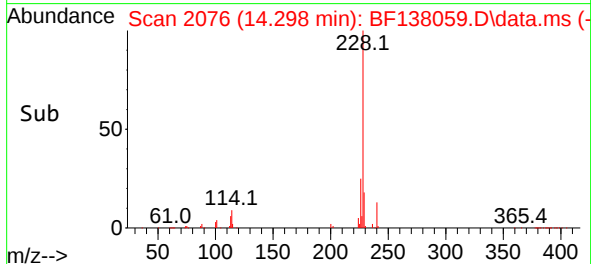
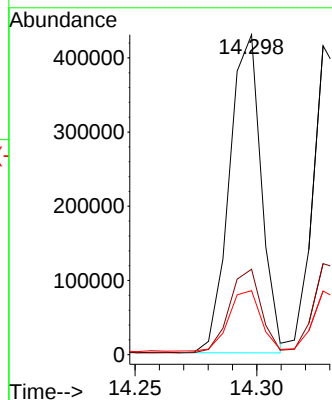
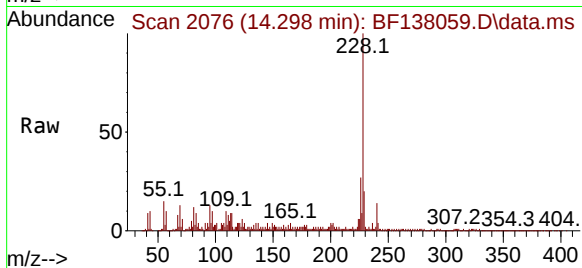
Tgt Ion:228 Resp: 390643

Ion Ratio Lower Upper

228 100

226 26.7 21.3 31.9

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 57.299 ng

RT: 14.239 min Scan# 2066

Delta R.T. 0.065 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

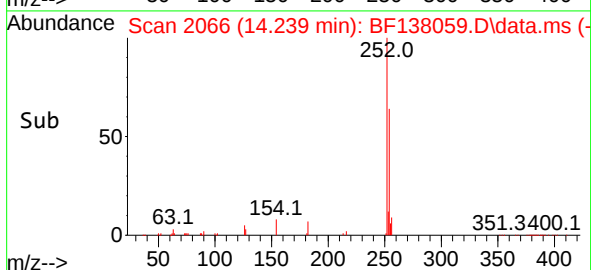
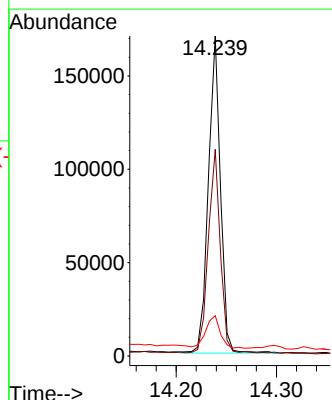
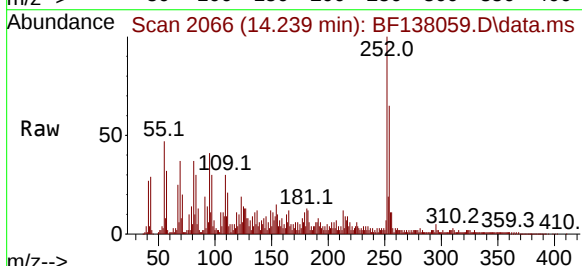
Tgt Ion:252 Resp: 143133

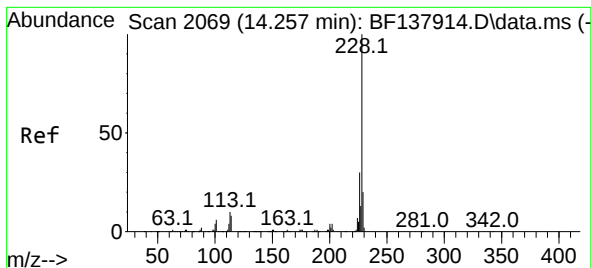
Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

126 12.6 8.7 13.1





#83

Chrysene

Concen: 42.300 ng

RT: 14.327 min Scan# 2069

Delta R.T. 0.071 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

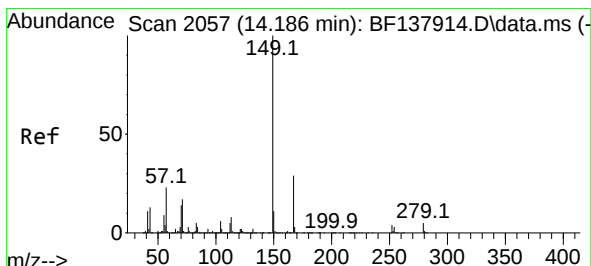
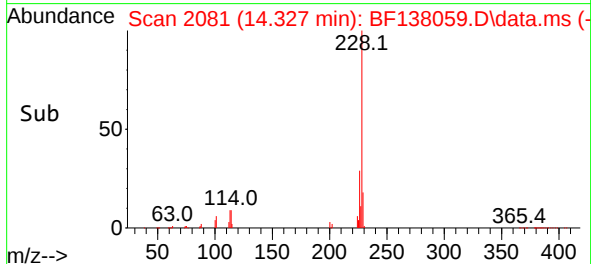
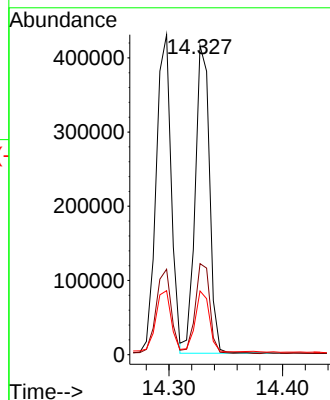
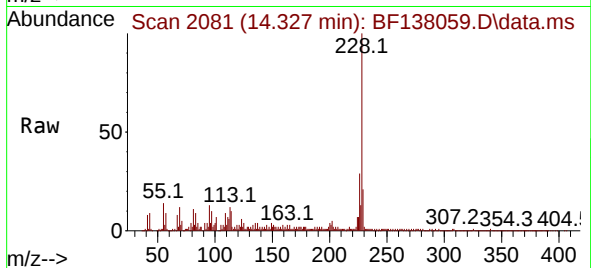
Tgt Ion:228 Resp: 364651

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

229 20.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.202 ng

RT: 14.221 min Scan# 2063

Delta R.T. 0.035 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

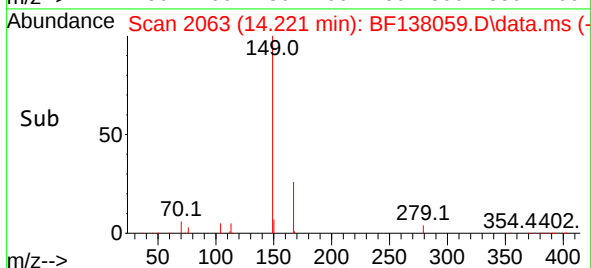
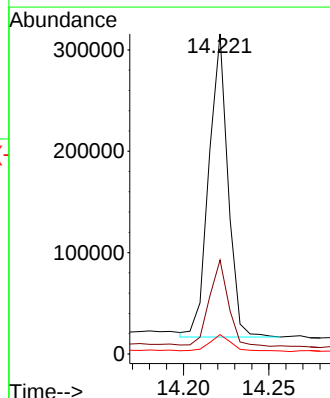
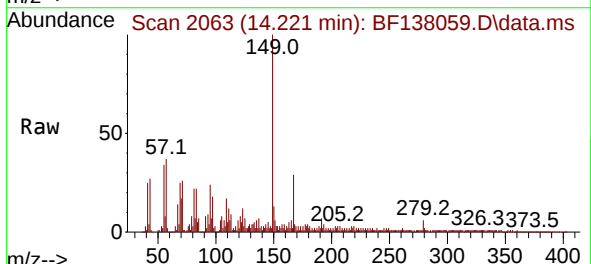
Tgt Ion:149 Resp: 232476

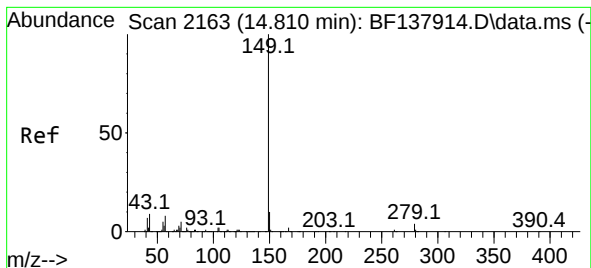
Ion Ratio Lower Upper

149 100

167 29.3 23.2 34.8

279 6.1 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 34.935 ng

RT: 14.821 min Scan# 2165

Delta R.T. 0.012 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

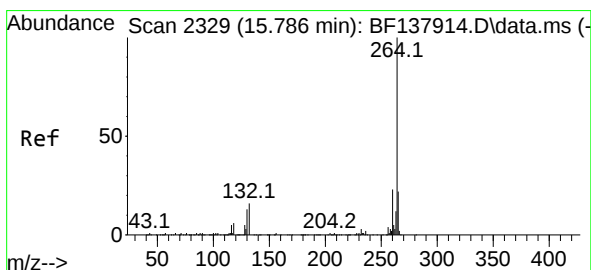
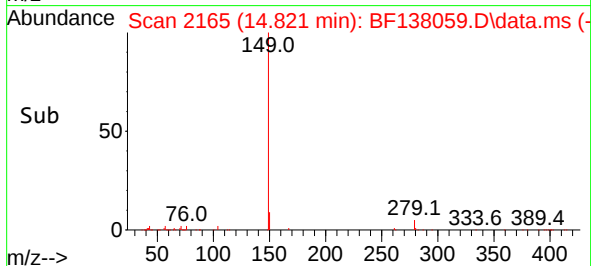
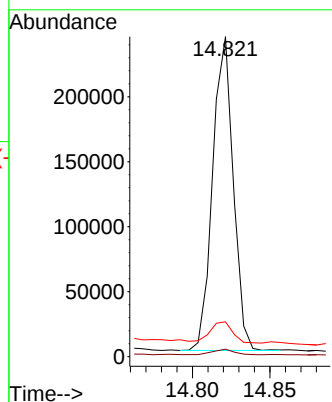
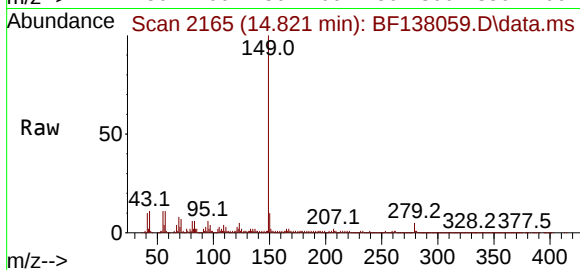
Tgt Ion:149 Resp: 222997

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 7.5 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.809 min Scan# 2333

Delta R.T. 0.024 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

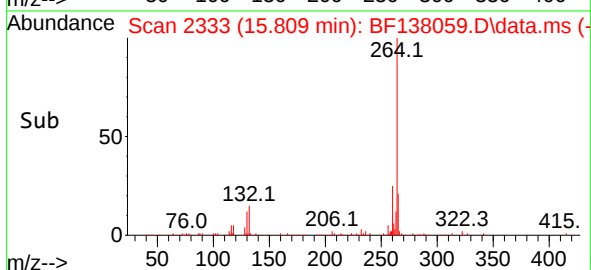
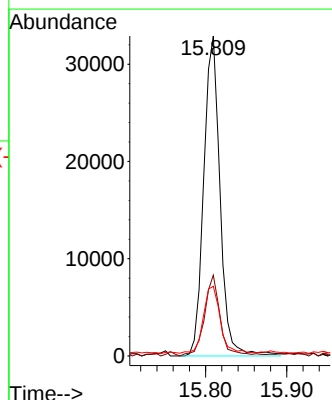
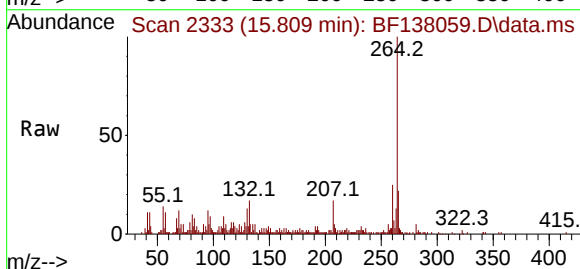
Tgt Ion:264 Resp: 45965

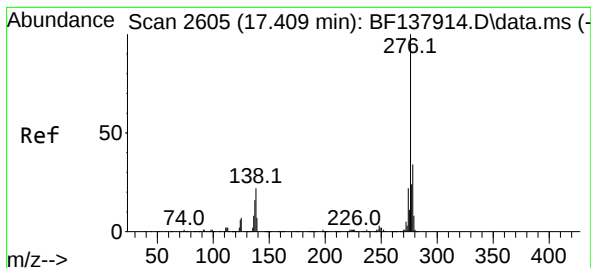
Ion Ratio Lower Upper

264 100

260 25.3 18.3 27.5

265 21.8 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.554 ng

RT: 17.433 min Scan# 2

Delta R.T. 0.024 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

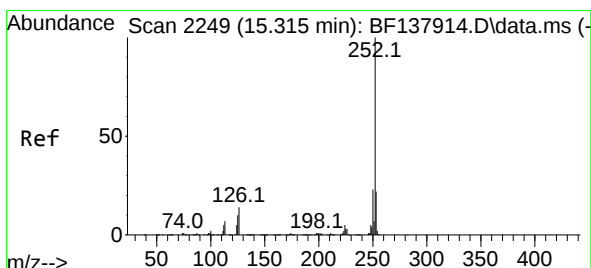
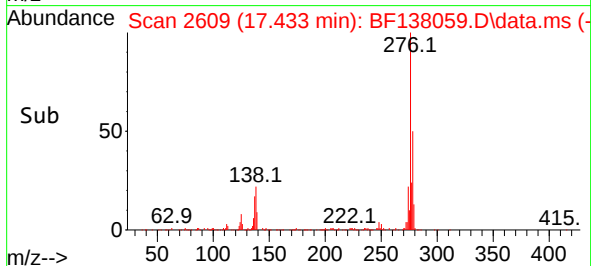
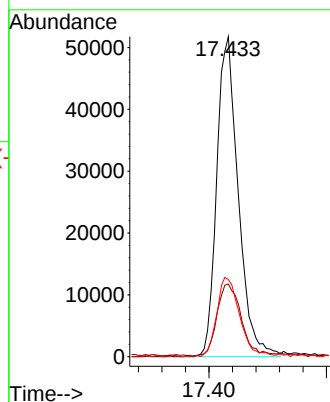
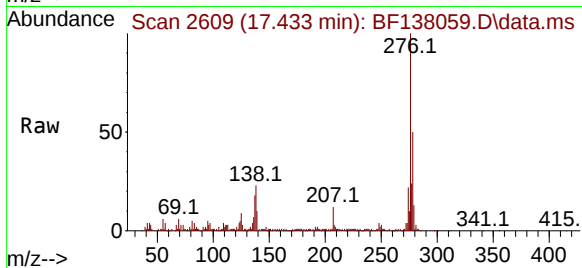
Tgt Ion:276 Resp: 131574

Ion Ratio Lower Upper

276 100

138 26.0 20.6 30.8

277 26.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 62.133 ng

RT: 15.339 min Scan# 2253

Delta R.T. 0.024 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

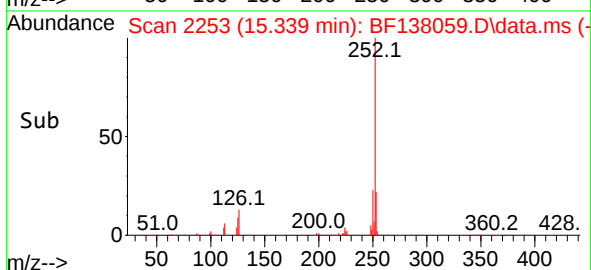
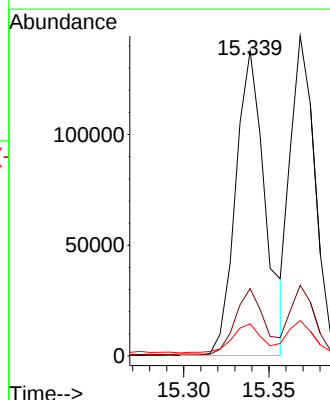
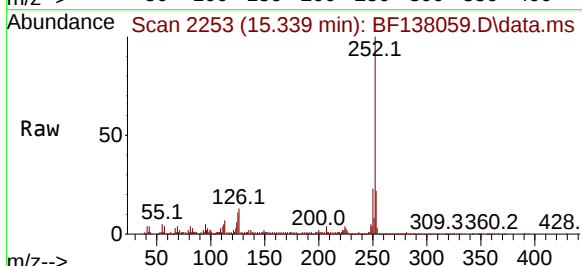
Tgt Ion:252 Resp: 165361

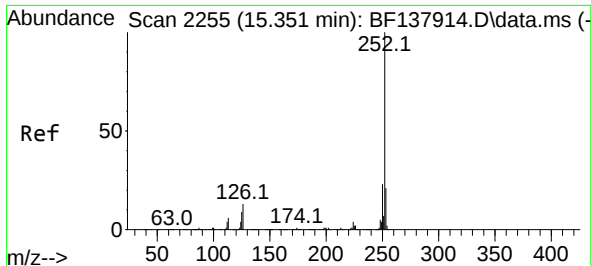
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.5 8.2 12.4

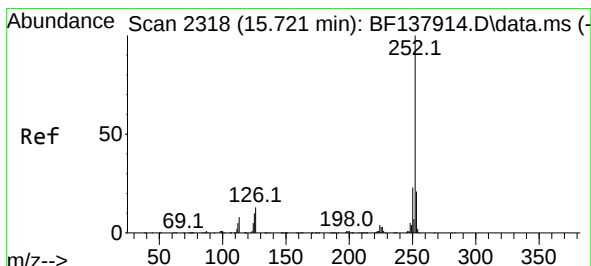
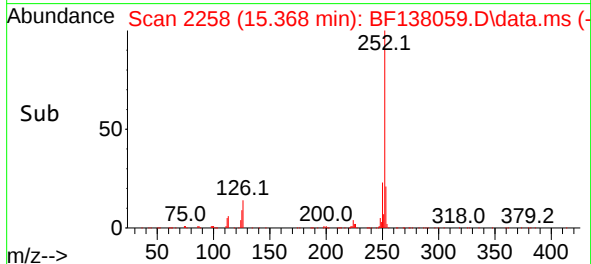
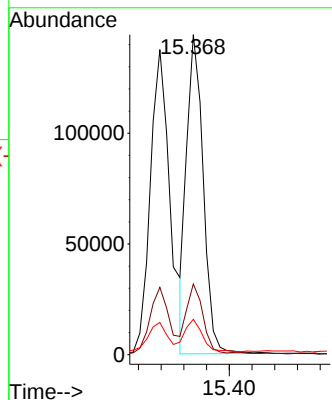
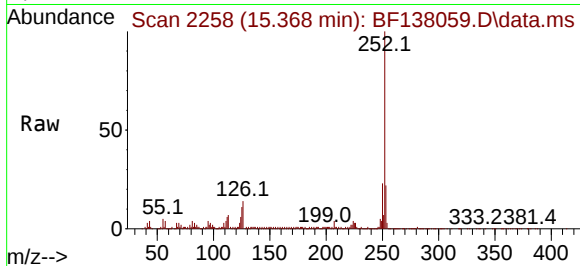




#89
Benzo(k)fluoranthene
Concen: 55.916 ng
RT: 15.368 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

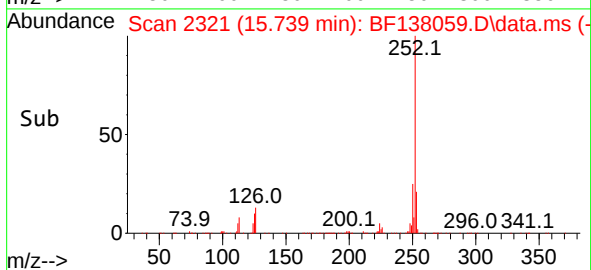
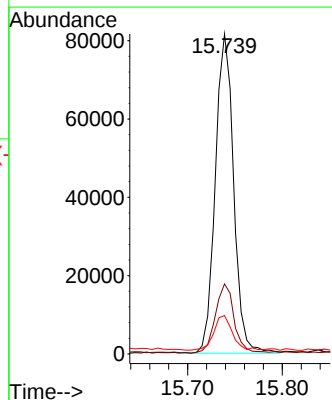
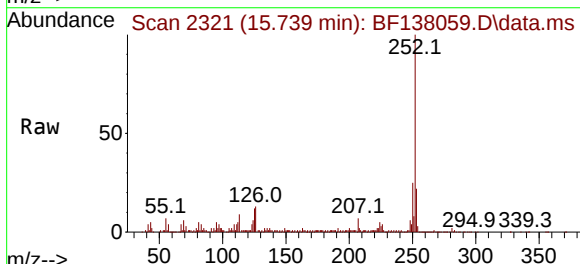
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

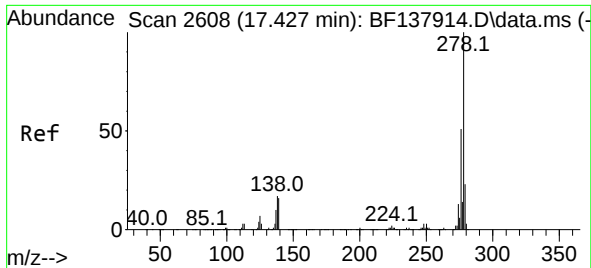
Tgt Ion:252 Resp: 146195
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 48.187 ng
RT: 15.739 min Scan# 2321
Delta R.T. 0.018 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:252 Resp: 109508
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.0 7.8 11.8#

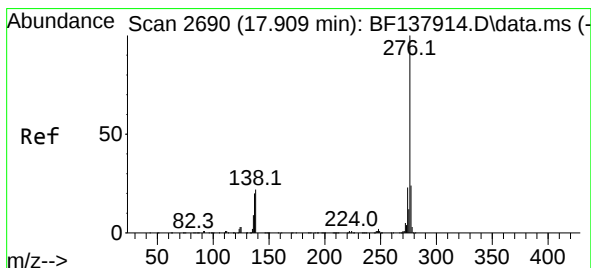
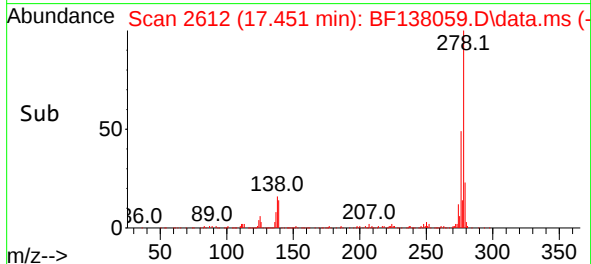
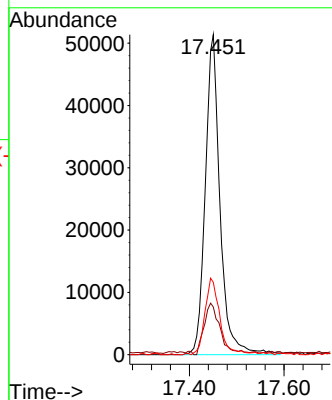
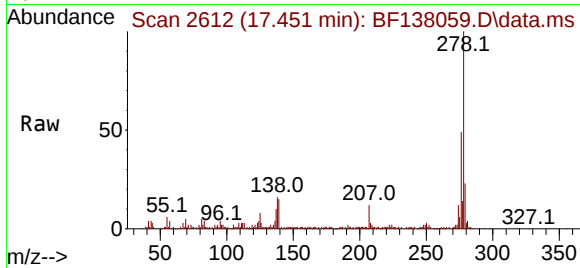




#91
Dibenzo(a,h)anthracene
Concen: 45.430 ng
RT: 17.451 min Scan# 2612
Delta R.T. 0.024 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

Tgt Ion:278 Resp: 110846
Ion Ratio Lower Upper
278 100
139 14.9 13.1 19.7
279 22.6 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 45.760 ng
RT: 17.927 min Scan# 2693
Delta R.T. 0.018 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:276 Resp: 117289
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 22.5 17.6 26.4

