

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138025.D
 Acq On : 23 May 2024 13:51
 Operator : CG\JU
 Sample : PB161081BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161081BS

Quant Time: May 23 14:32:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	155441	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	624369	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	353384	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	614989	20.000	ng	0.00
76) Chrysene-d12	14.233	240	354575	20.000	ng	0.00
86) Perylene-d12	15.792	264	314705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1073491	117.310	ng	0.00
7) Phenol-d6	6.657	99	1317172	116.849	ng	0.00
23) Nitrobenzene-d5	7.598	82	805341	75.908	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	467310	131.150	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1735914	75.668	ng	0.00
79) Terphenyl-d14	13.169	244	1933559	80.369	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.016	88	121774	30.718	ng	99
3) Pyridine	3.769	79	295892	33.265	ng	99
4) n-Nitrosodimethylamine	3.734	42	161546	41.169	ng	99
6) Aniline	6.698	93	318268m	31.567	ng	
8) 2-Chlorophenol	6.822	128	433967	43.821	ng	98
9) Benzaldehyde	6.592	77	355195	58.241	ng	98
10) Phenol	6.669	94	481782	42.344	ng	100
11) bis(2-Chloroethyl)ether	6.769	93	380719	43.580	ng	97
12) 1,3-Dichlorobenzene	6.975	146	450198	39.292	ng	97
13) 1,4-Dichlorobenzene	7.051	146	460942	40.078	ng	99
14) 1,2-Dichlorobenzene	7.204	146	440190	40.667	ng	99
15) Benzyl Alcohol	7.175	79	341051	45.309	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.298	45	466469	43.438	ng	98
17) 2-Methylphenol	7.275	107	342037	43.309	ng	99
18) Hexachloroethane	7.545	117	158575	40.745	ng	94
19) n-Nitroso-di-n-propyla...	7.445	70	274309	43.314	ng	98
20) 3+4-Methylphenols	7.428	107	437377	42.273	ng	94
22) Acetophenone	7.445	105	570409	40.782	ng	# 99
24) Nitrobenzene	7.622	77	418338	38.869	ng	97
25) Isophorone	7.851	82	772689	41.964	ng	99
26) 2-Nitrophenol	7.934	139	234882	43.432	ng	98
27) 2,4-Dimethylphenol	7.957	122	310500	44.595	ng	99
28) bis(2-Chloroethoxy)met...	8.057	93	472131	42.306	ng	99
29) 2,4-Dichlorophenol	8.169	162	376820	43.038	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	386373	39.523	ng	98
31) Naphthalene	8.345	128	1244216	39.633	ng	100
32) Benzoic acid	8.087	122	274297	46.604	ng	100
33) 4-Chloroaniline	8.381	127	199158	19.352	ng	99
34) Hexachlorobutadiene	8.451	225	236135	38.162	ng	99
35) Caprolactam	8.763	113	120051m	47.327	ng	
36) 4-Chloro-3-methylphenol	8.863	107	384835	43.207	ng	100
37) 2-Methylnaphthalene	9.034	142	823107	40.789	ng	99
38) 1-Methylnaphthalene	9.133	142	765471	38.585	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	396838	41.306	ng	99
41) Hexachlorocyclopentadiene	9.186	237	397176	108.801	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	274401	43.562	ng	99

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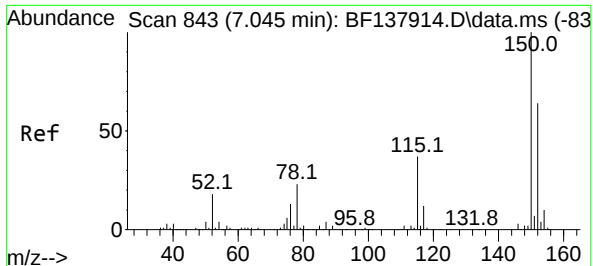
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 QLast Update : Wed May 15 04:12:16 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	294834	42.777	ng	96
46) 1,1'-Biphenyl	9.498	154	1029529	41.537	ng	99
47) 2-Chloronaphthalene	9.528	162	788040	39.829	ng	98
48) 2-Nitroaniline	9.622	65	218836	43.192	ng	99
49) Acenaphthylene	9.945	152	1270226	44.649	ng	98
50) Dimethylphthalate	9.798	163	967180	43.645	ng	100
51) 2,6-Dinitrotoluene	9.863	165	217223	42.710	ng	100
52) Acenaphthene	10.122	154	847552	45.075	ng	99
53) 3-Nitroaniline	10.033	138	158828	31.944	ng	99
54) 2,4-Dinitrophenol	10.145	184	230568	83.573	ng #	76
55) Dibenzofuran	10.292	168	1151899	42.093	ng	99
56) 4-Nitrophenol	10.192	139	329546	92.280	ng	92
57) 2,4-Dinitrotoluene	10.269	165	293166	44.588	ng #	89
58) Fluorene	10.639	166	899905	41.576	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	249269	46.037	ng	97
60) Diethylphthalate	10.498	149	918515	44.381	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	453449	42.481	ng	98
62) 4-Nitroaniline	10.657	138	196032	41.568	ng	98
63) Azobenzene	10.786	77	809055	42.978	ng	99
65) 4,6-Dinitro-2-methylph...	10.680	198	166566	46.907	ng	98
66) n-Nitrosodiphenylamine	10.745	169	794213	42.111	ng	100
67) 4-Bromophenyl-phenylether	11.116	248	283497	42.049	ng	98
68) Hexachlorobenzene	11.186	284	309487	41.528	ng	99
69) Atrazine	11.269	200	268350	52.107	ng	100
70) Pentachlorophenol	11.380	266	366528	83.961	ng	99
71) Phenanthrene	11.604	178	1273627	42.025	ng	99
72) Anthracene	11.657	178	1276066	42.438	ng	99
73) Carbazole	11.810	167	1140496	41.521	ng	100
74) Di-n-butylphthalate	12.127	149	1385252	45.443	ng	100
75) Fluoranthene	12.798	202	1272293	41.360	ng	98
77) Benzidine	12.916	184	90799	19.594	ng	98
78) Pyrene	13.033	202	1285266	41.443	ng	100
80) Butylbenzylphthalate	13.633	149	474122	50.685	ng	99
81) Benzo(a)anthracene	14.221	228	995147	44.362	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	221799	35.678	ng	99
83) Chrysene	14.257	228	921366	42.946	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	602339	51.224	ng	100
85) Di-n-octyl phthalate	14.815	149	864963	54.450	ng	99
87) Indeno(1,2,3-cd)pyrene	17.427	276	889856	44.011	ng	99
88) Benzo(b)fluoranthene	15.321	252	857537	47.062	ng	99
89) Benzo(k)fluoranthene	15.357	252	796191	44.478	ng	100
90) Benzo(a)pyrene	15.727	252	747362	48.033	ng	98
91) Dibenzo(a,h)anthracene	17.445	278	732527	43.850	ng	99
92) Benzo(g,h,i)perylene	17.921	276	689194	39.273	ng	99

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

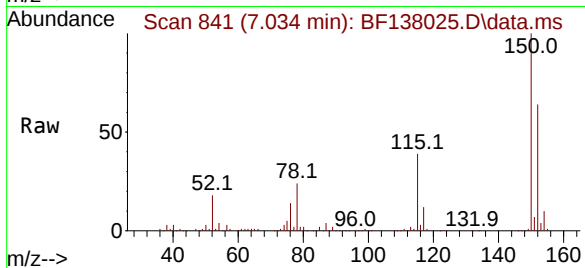
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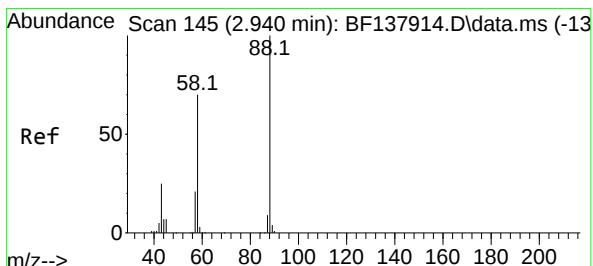
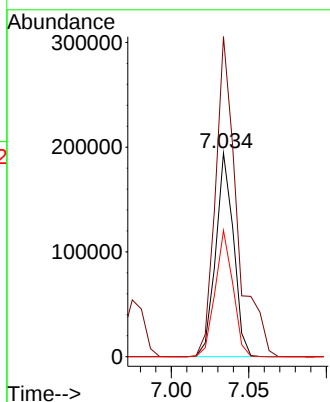
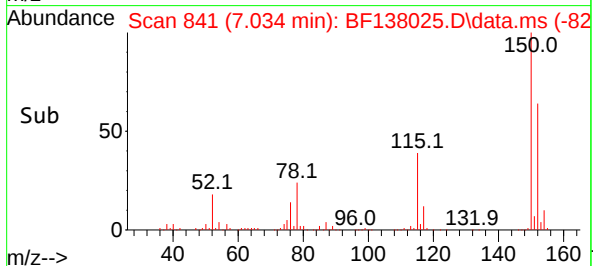


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

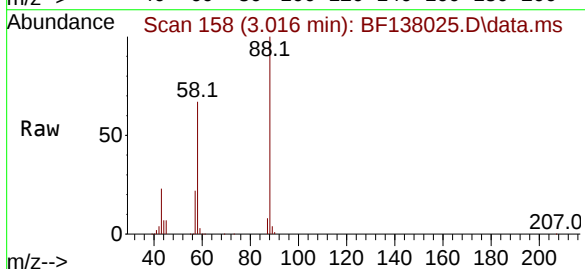
Instrument :
BNA_F
ClientSampleId :
PB161081BS



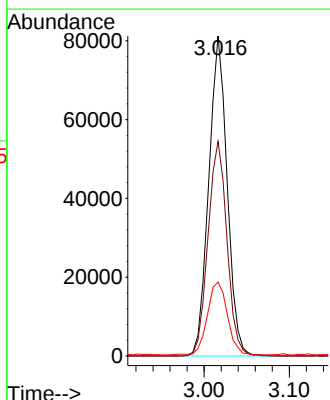
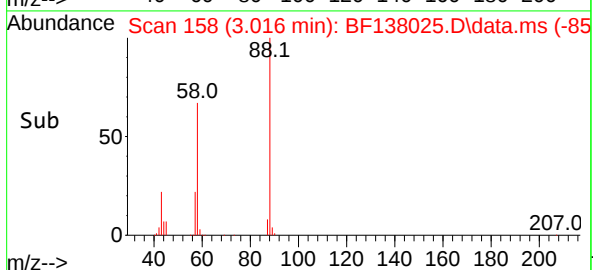
Tgt Ion:152 Resp: 155441
Ion Ratio Lower Upper
152 100
150 157.1 125.7 188.5
115 62.0 47.0 70.6

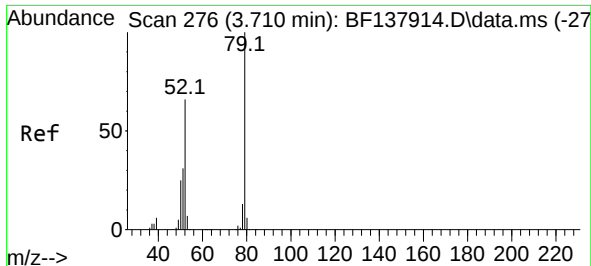


#2
1,4-Dioxane
Concen: 30.718 ng
RT: 3.016 min Scan# 158
Delta R.T. 0.077 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51



Tgt Ion: 88 Resp: 121774
Ion Ratio Lower Upper
88 100
58 69.0 54.4 81.6
43 24.8 19.6 29.4

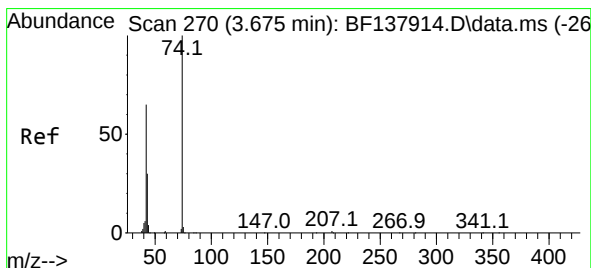
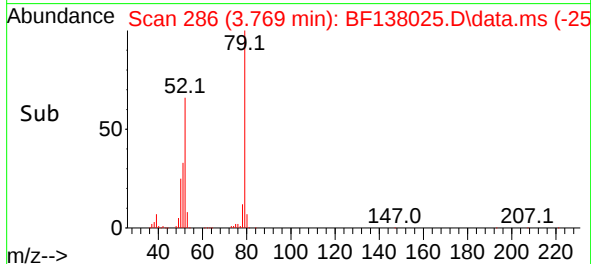
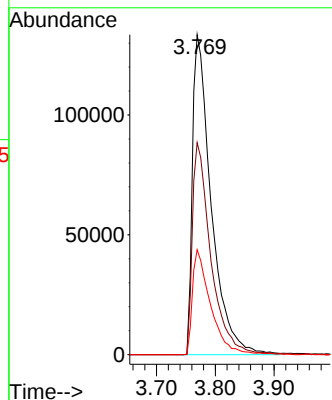
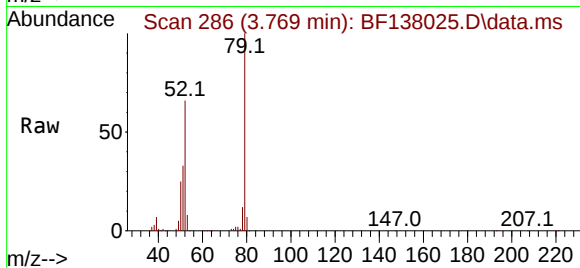




#3
Pyridine
Concen: 33.265 ng
RT: 3.769 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

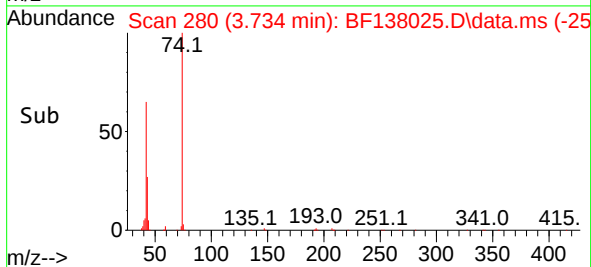
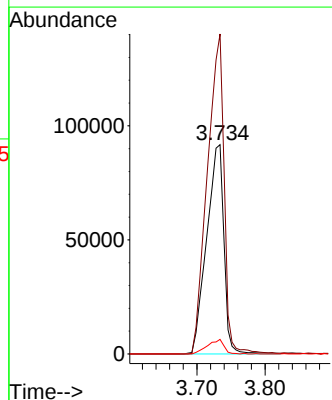
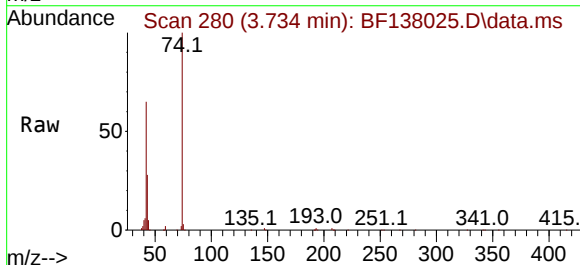
Instrument :
BNA_F
ClientSampleId :
PB161081BS

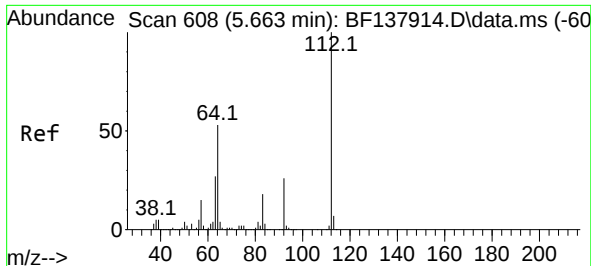
Tgt Ion: 79 Resp: 295892
Ion Ratio Lower Upper
79 100
52 66.2 52.5 78.7
51 32.8 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 41.169 ng
RT: 3.734 min Scan# 280
Delta R.T. 0.059 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion: 42 Resp: 161546
Ion Ratio Lower Upper
42 100
74 152.8 123.1 184.7
44 7.0 5.0 7.6

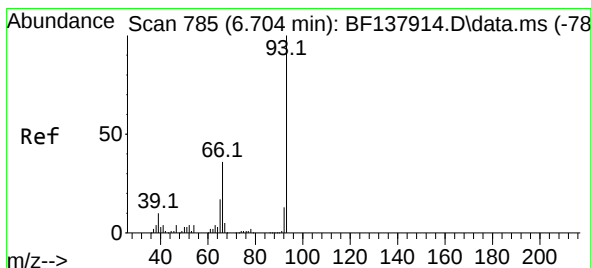
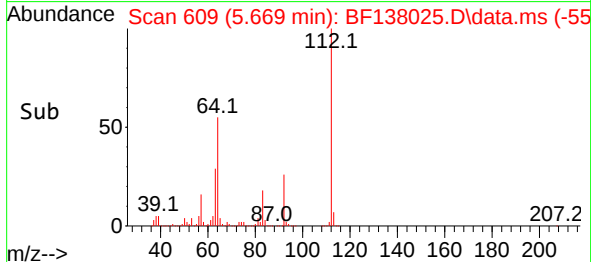
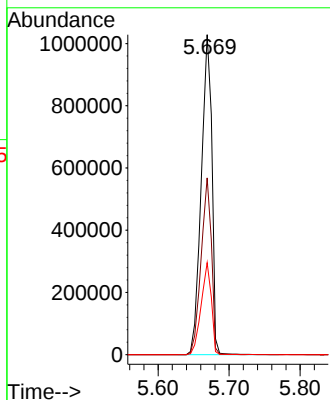
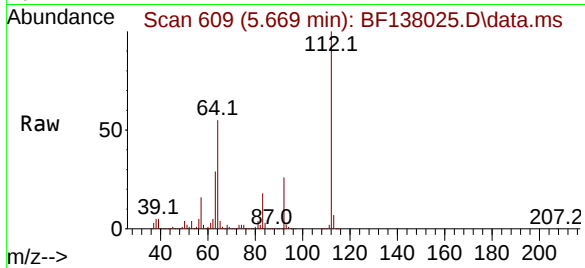




#5
2-Fluorophenol
Concen: 117.310 ng
RT: 5.669 min Scan# 608
Delta R.T. 0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

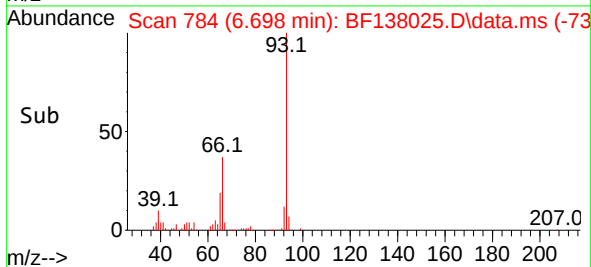
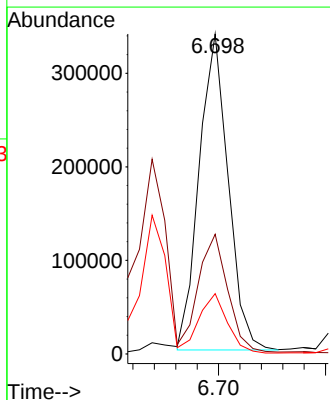
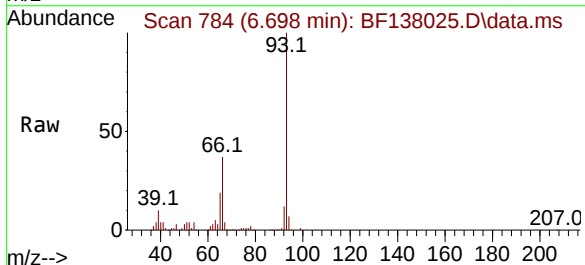
Instrument :
BNA_F
ClientSampleId :
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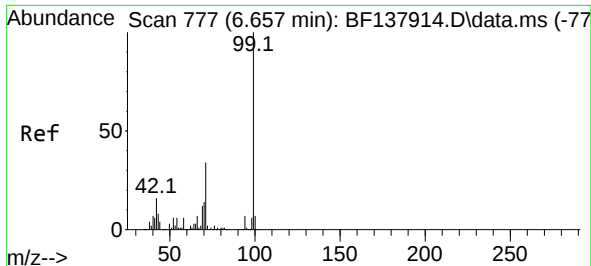
Tgt Ion:112 Resp: 1073491
Ion Ratio Lower Upper
112 100
64 55.3 42.4 63.6
63 28.8 21.4 32.2



#6
Aniline
Concen: 31.567 ng m
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion: 93 Resp: 318268
Ion Ratio Lower Upper
93 100
66 37.4 30.7 46.1
65 18.9 15.0 22.4





#7

Phenol-d6

Concen: 116.849 ng

RT: 6.657 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

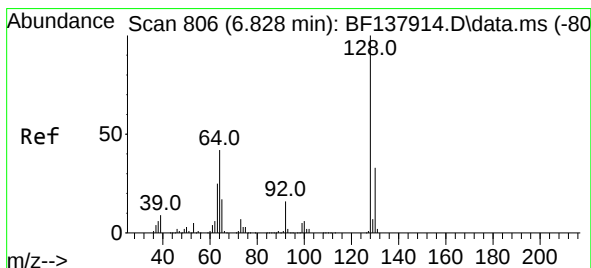
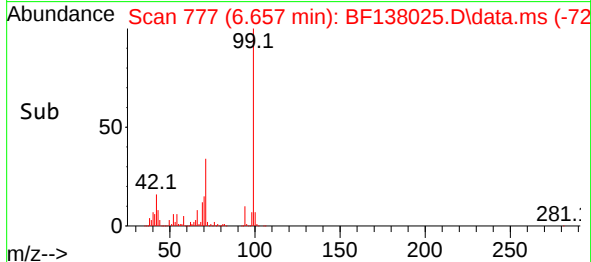
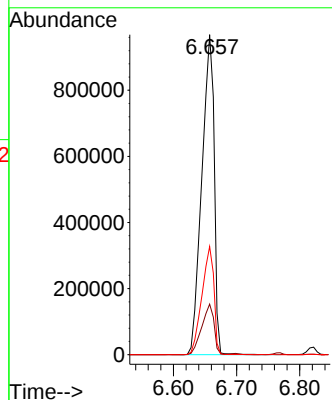
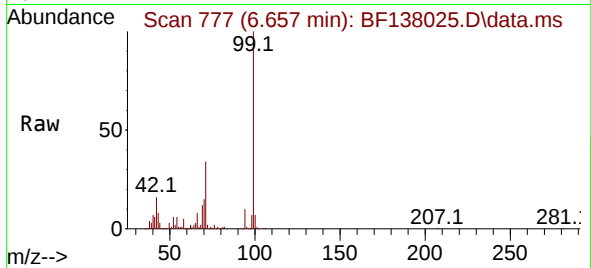
BNA_F

ClientSampleId :

PB161081BS

Tgt Ion: 99 Resp: 1317172

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.6	18.8
71	33.8	27.1	40.7



#8

2-Chlorophenol

Concen: 43.821 ng

RT: 6.822 min Scan# 805

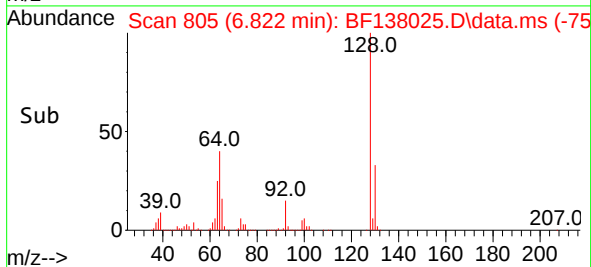
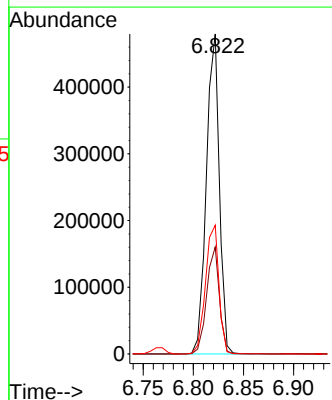
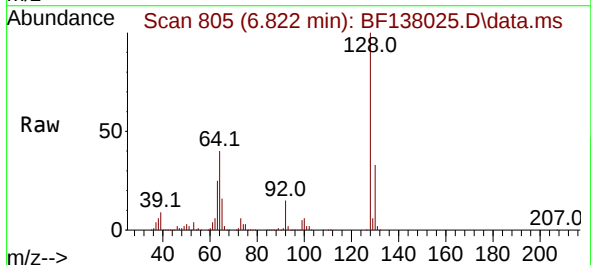
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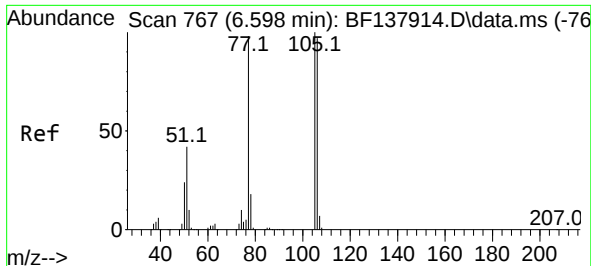
Lab File: BF138025.D

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Tgt Ion: 128 Resp: 433967

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.8	52.8
64	40.2	22.2	62.2

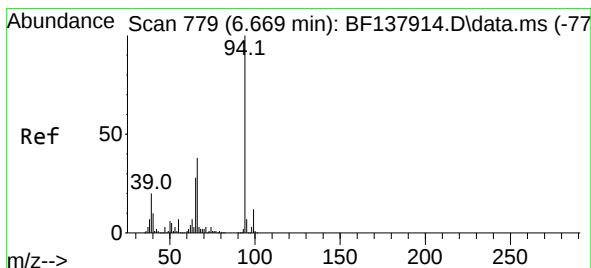
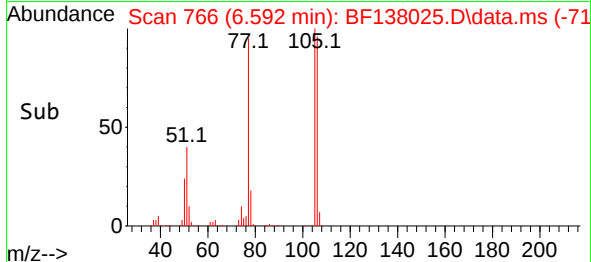
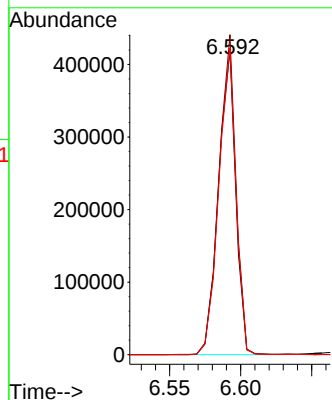
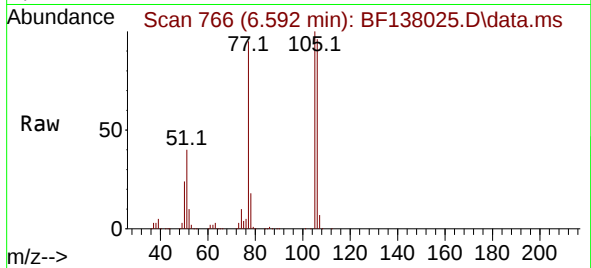




#9
Benzaldehyde
Concen: 58.241 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

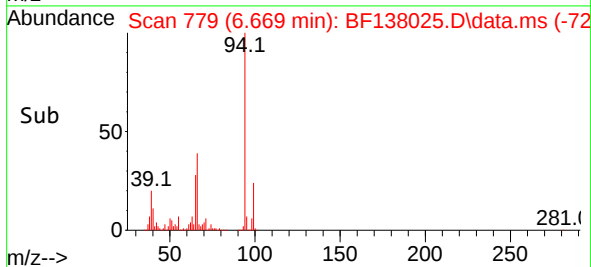
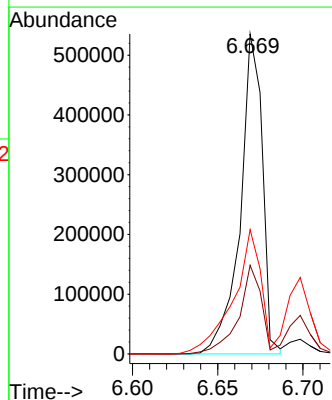
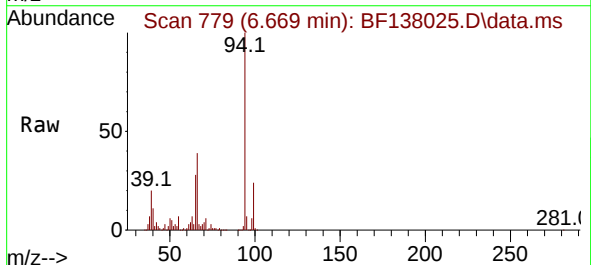
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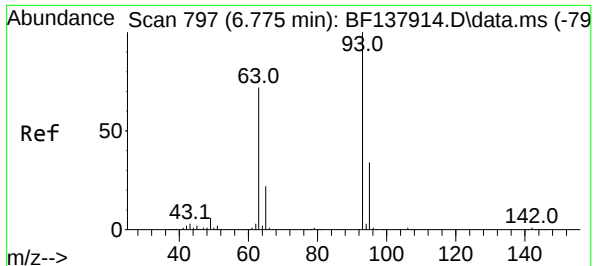
Tgt Ion: 77 Resp: 355195
Ion Ratio Lower Upper
77 100
105 105.1 82.3 122.3
106 100.8 79.2 119.2



#10
Phenol
Concen: 42.344 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion: 94 Resp: 481782
Ion Ratio Lower Upper
94 100
65 27.7 7.8 47.8
66 38.9 18.6 58.6

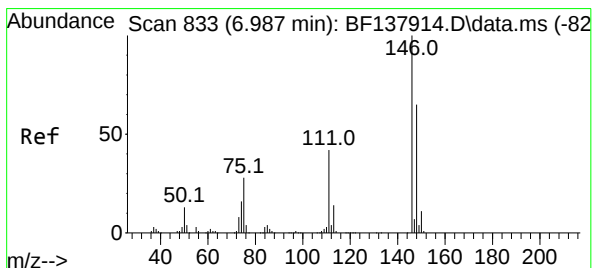
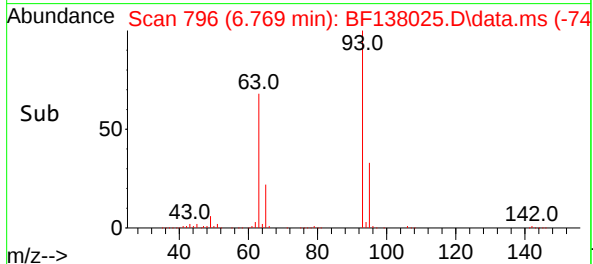
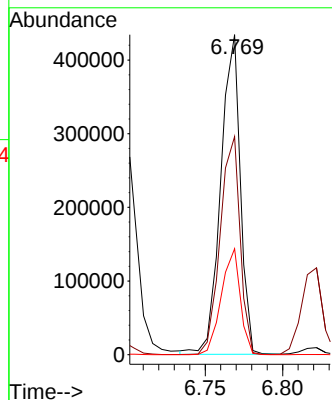
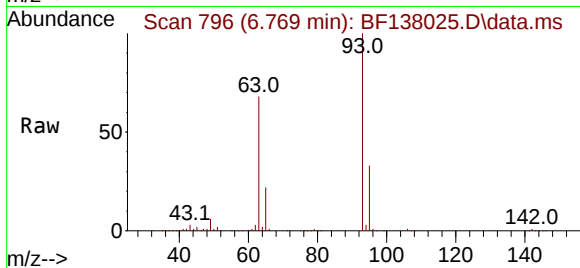




#11
bis(2-Chloroethyl)ether
Concen: 43.580 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

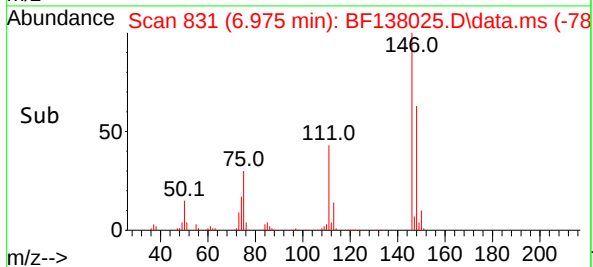
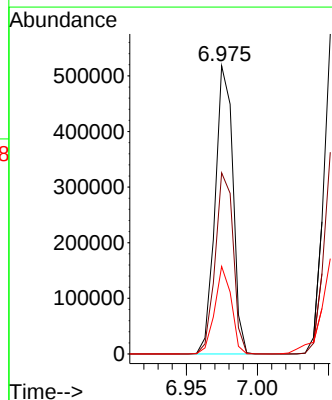
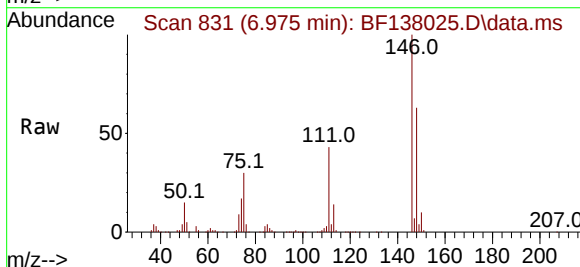
Instrument :
BNA_F
ClientSampleId :
PB161081BS

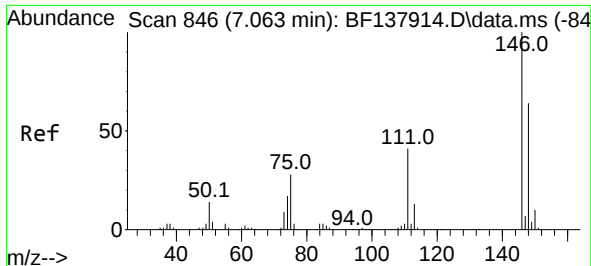
Tgt Ion: 93 Resp: 380719
Ion Ratio Lower Upper
93 100
63 68.1 51.4 91.4
95 33.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.292 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:146 Resp: 450198
Ion Ratio Lower Upper
146 100
148 62.9 51.7 77.5
75 30.4 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 40.078 ng

RT: 7.051 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

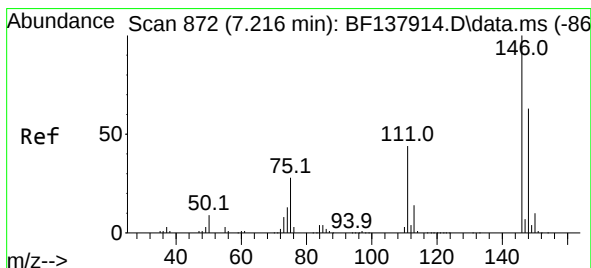
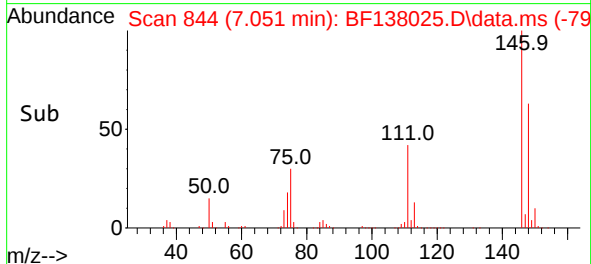
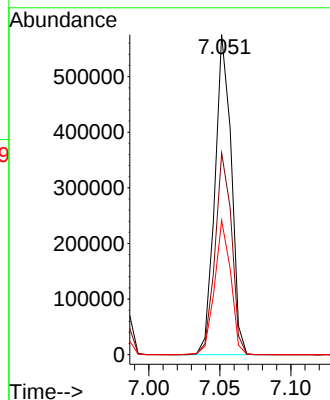
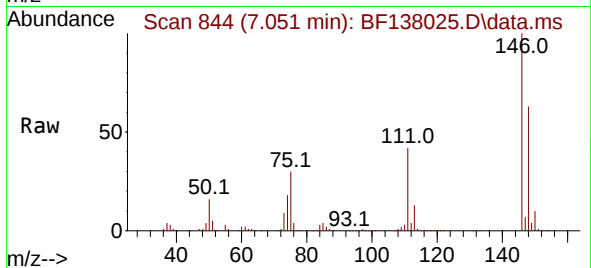
Tgt Ion:146 Resp: 460942

Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.6

111 42.0 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 40.667 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

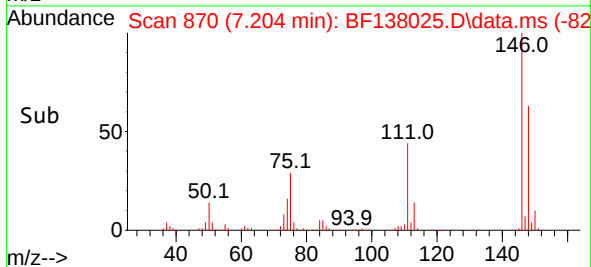
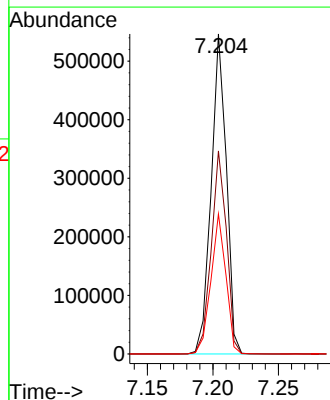
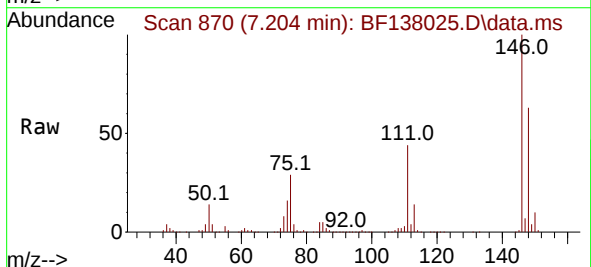
Tgt Ion:146 Resp: 440190

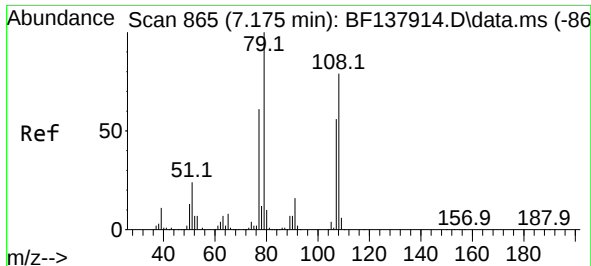
Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.4

111 43.8 35.1 52.7

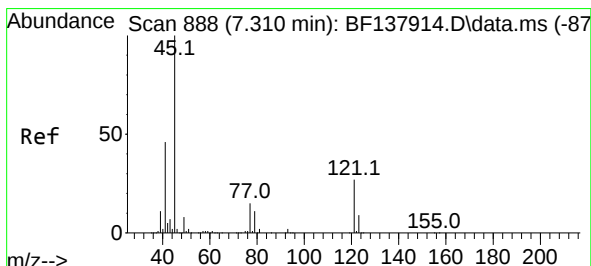
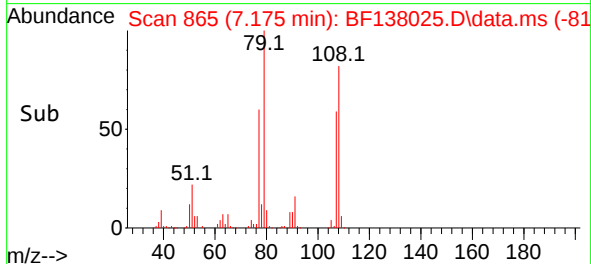
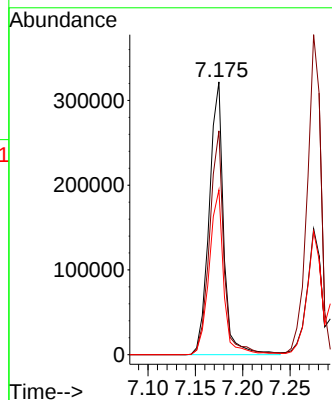
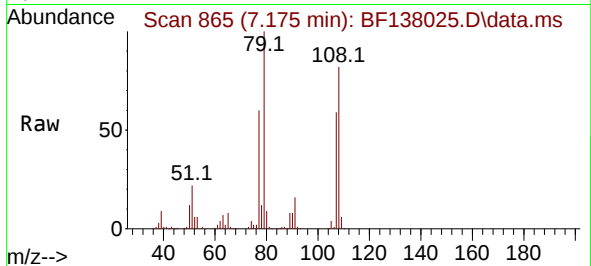




#15
Benzyl Alcohol
Concen: 45.309 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

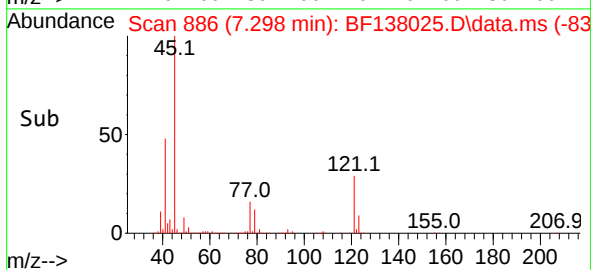
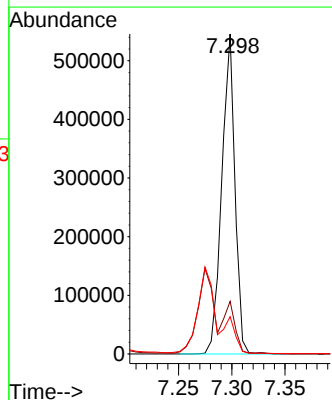
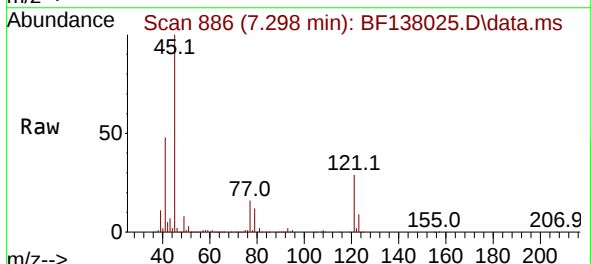
Instrument :
BNA_F
ClientSampleId :
PB161081BS

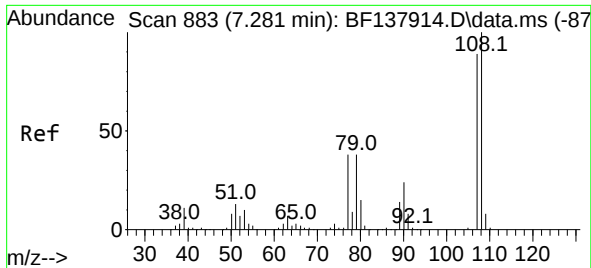
Tgt Ion: 79 Resp: 341051
Ion Ratio Lower Upper
79 100
108 82.0 62.8 94.2
77 60.4 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.438 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion: 45 Resp: 466469
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.3
79 11.7 0.0 32.1

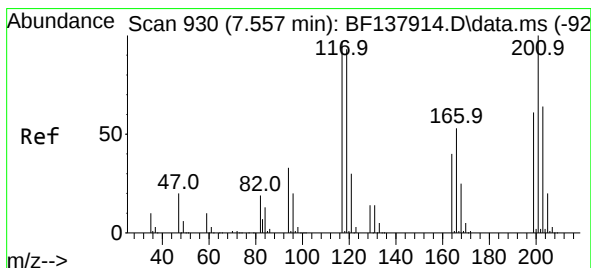
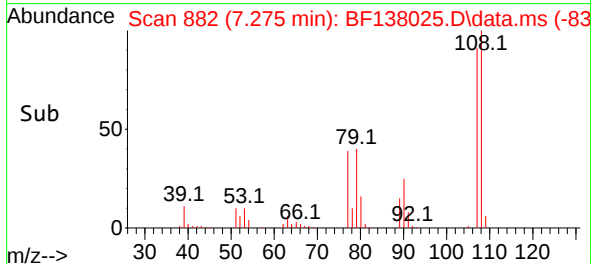
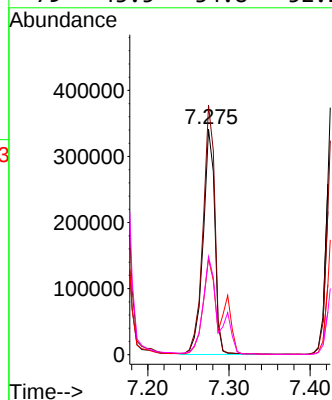
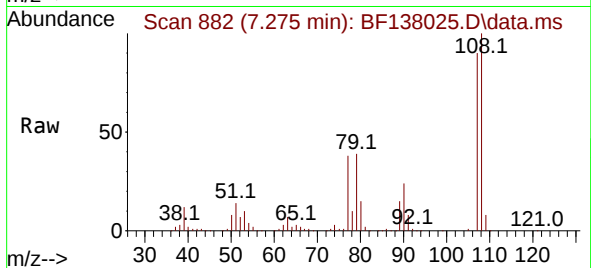




#17
2-Methylphenol
Concen: 43.309 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

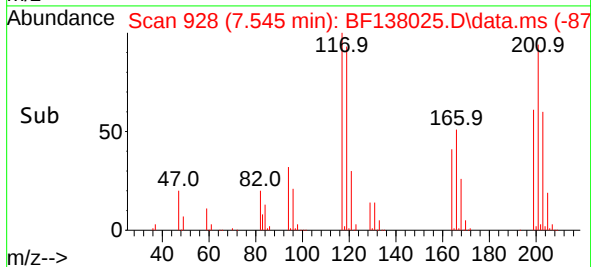
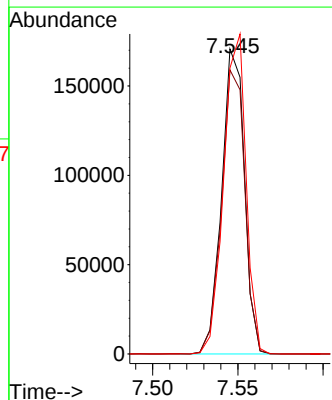
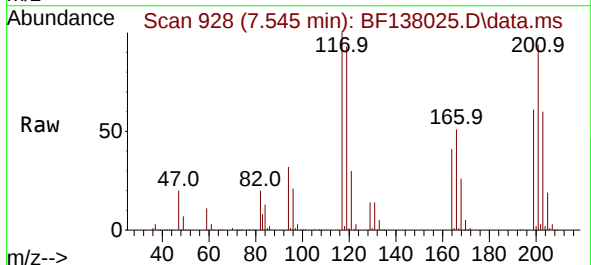
Instrument :
BNA_F
ClientSampleId :
PB161081BS

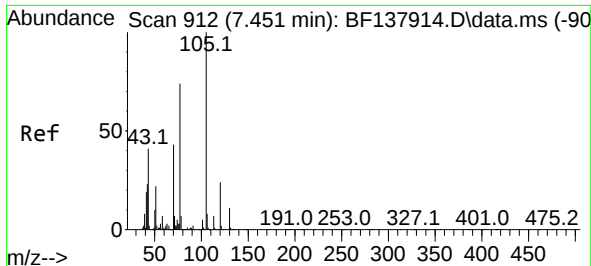
Tgt Ion:107 Resp: 342037
Ion Ratio Lower Upper
107 100
108 110.7 90.1 135.1
77 42.6 34.3 51.5
79 43.5 34.8 52.2



#18
Hexachloroethane
Concen: 40.745 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:117 Resp: 158575
Ion Ratio Lower Upper
117 100
119 93.1 76.8 115.2
201 93.7 82.7 124.1



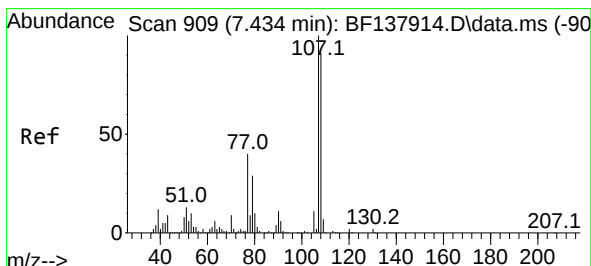
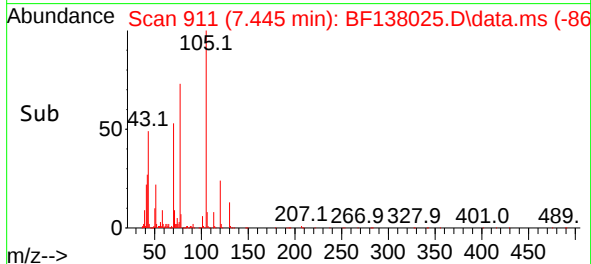
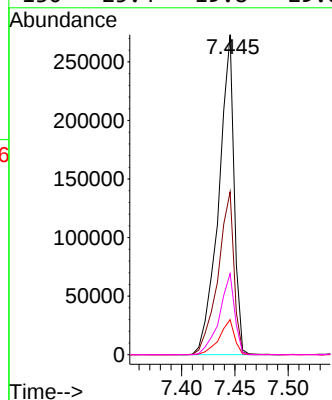
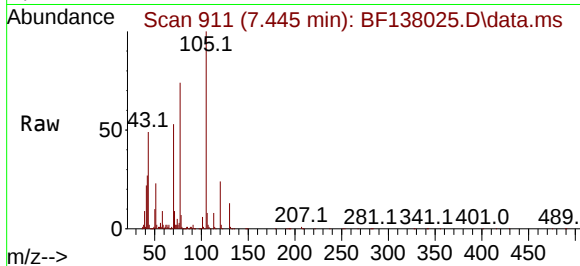


#19
n-Nitroso-di-n-propylamine
Concen: 43.314 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Instrument :
BNA_F
ClientSampleId :
PB161081BS

Tgt Ion: 70 Resp: 274309

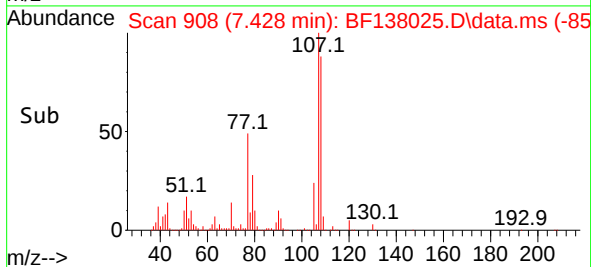
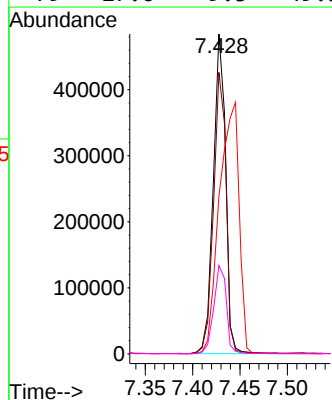
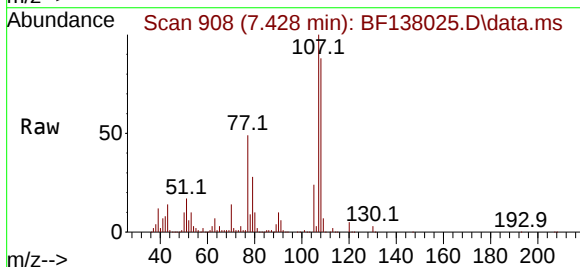
Ion	Ratio	Lower	Upper
70	100		
42	50.9	42.2	63.4
101	11.0	8.8	13.2
130	25.4	19.8	29.8

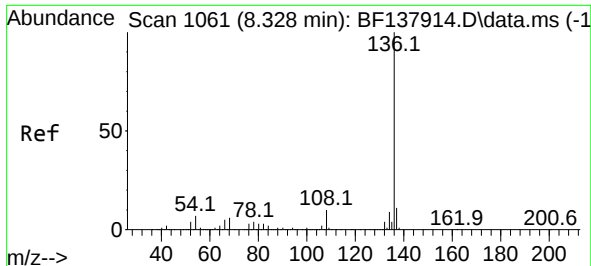


#20
3+4-Methylphenols
Concen: 42.273 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion: 107 Resp: 437377

Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.8	110.8
77	49.3	20.2	60.2
79	27.6	9.3	49.3

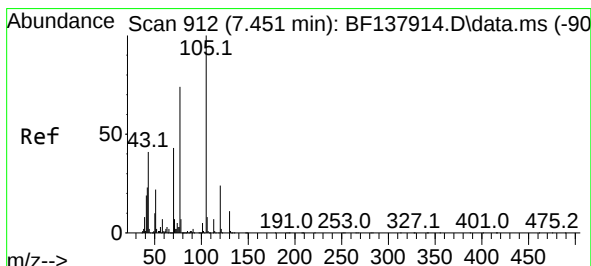
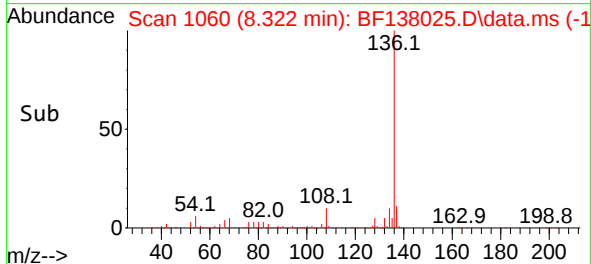
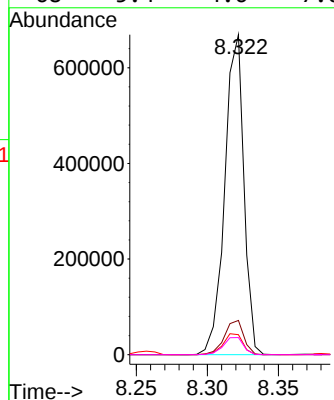
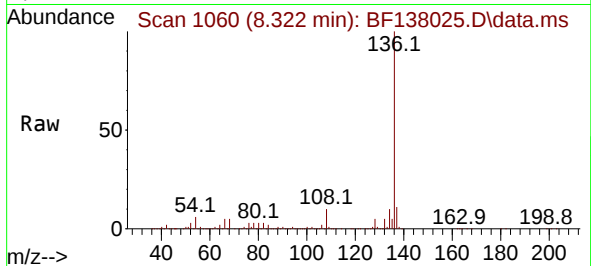




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

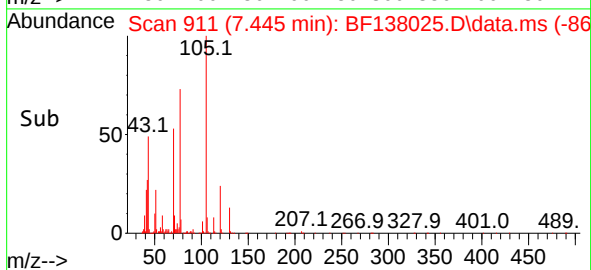
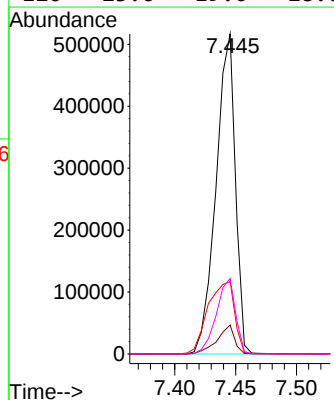
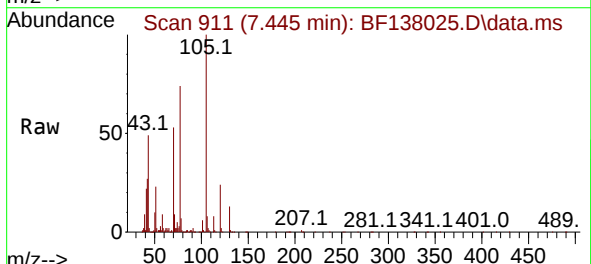
Instrument :
BNA_F
ClientSampleId :
PB161081BS

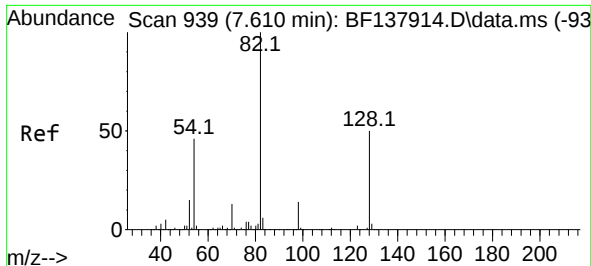
Tgt Ion:136	Resp: 624369
Ion Ratio	Lower Upper
136 100	
137 10.7	8.7 13.1
54 6.3	5.4 8.2
68 5.4	4.6 7.0



#22
Acetophenone
Concen: 40.782 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt	Ion:105	Resp:	570409
Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.7	8.5#
51	22.6	17.8	26.8
120	23.6	19.0	28.6

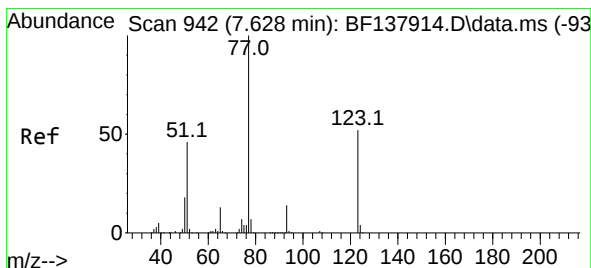
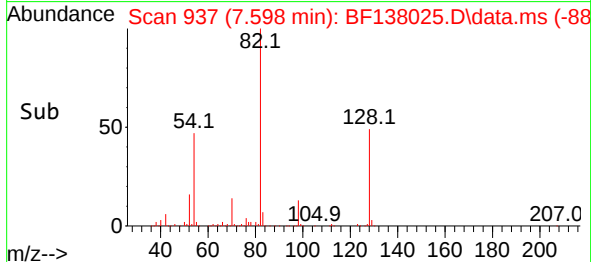
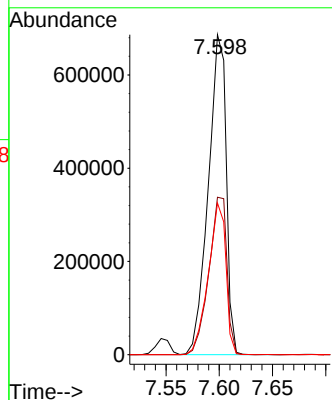
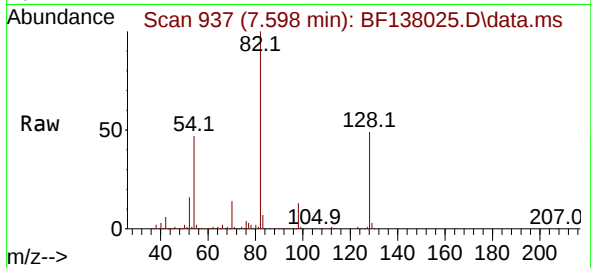




#23
Nitrobenzene-d5
Concen: 75.908 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

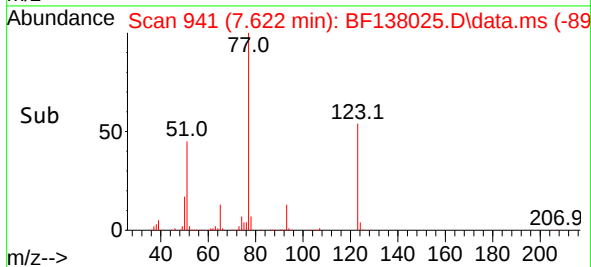
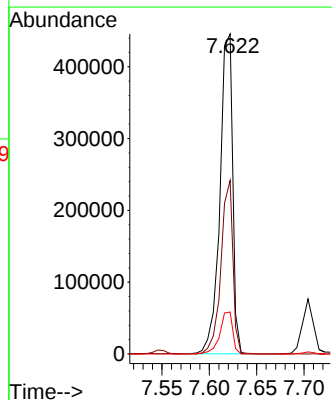
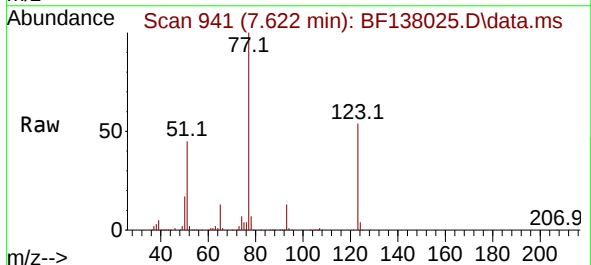
Instrument :
BNA_F
ClientSampleId :
PB161081BS

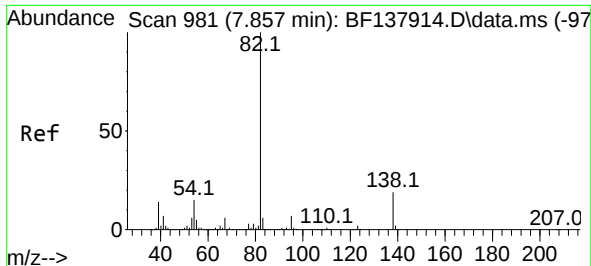
Tgt Ion: 82 Resp: 805341
Ion Ratio Lower Upper
82 100
128 49.2 40.3 60.5
54 47.4 36.8 55.2



#24
Nitrobenzene
Concen: 38.869 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion: 77 Resp: 418338
Ion Ratio Lower Upper
77 100
123 54.2 41.4 62.2
65 13.1 10.5 15.7

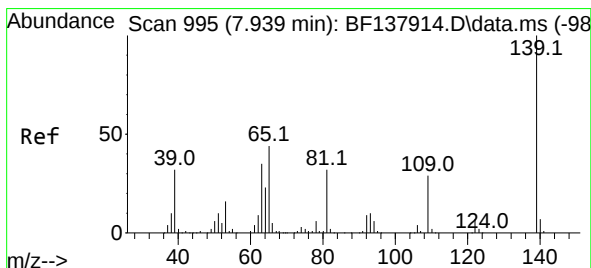
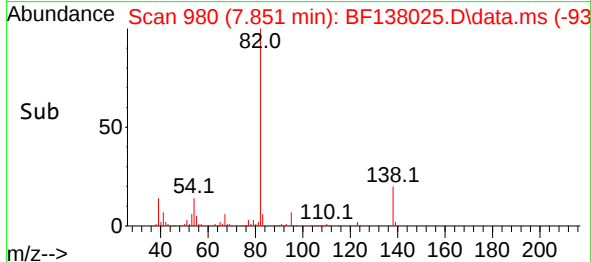
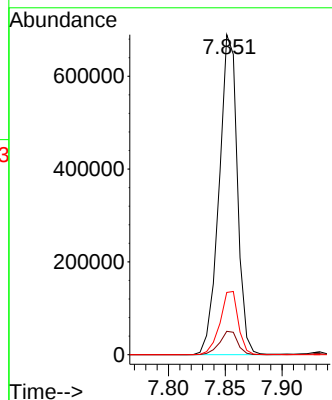
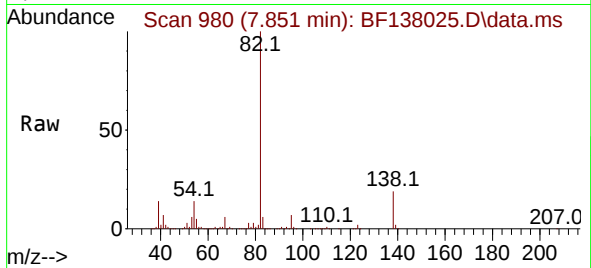




#25
Isophorone
Concen: 41.964 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

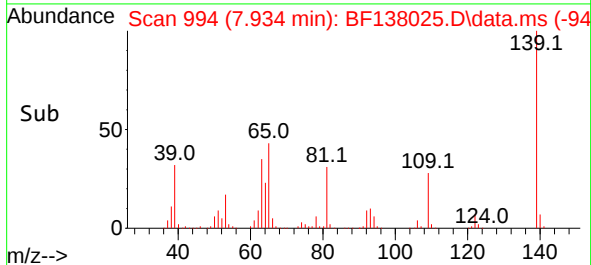
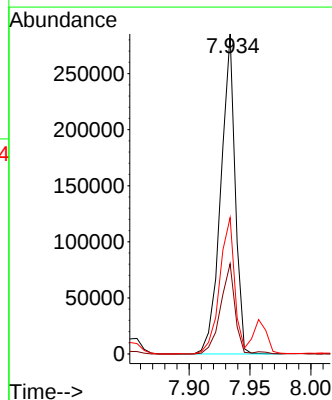
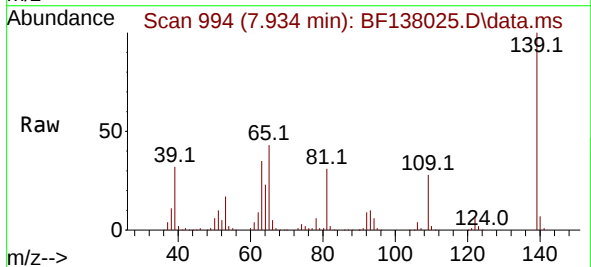
Instrument :
BNA_F
ClientSampleId :
PB161081BS

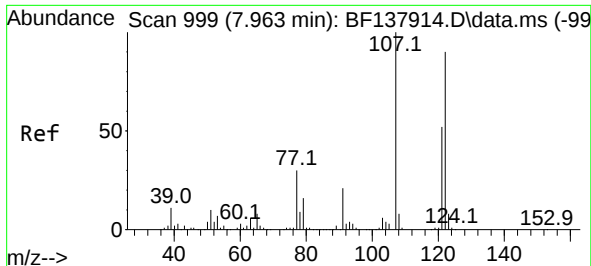
Tgt Ion: 82 Resp: 772689
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 19.5 15.0 22.4



#26
2-Nitrophenol
Concen: 43.432 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:139 Resp: 234882
Ion Ratio Lower Upper
139 100
109 28.2 22.8 34.2
65 42.6 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 44.595 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

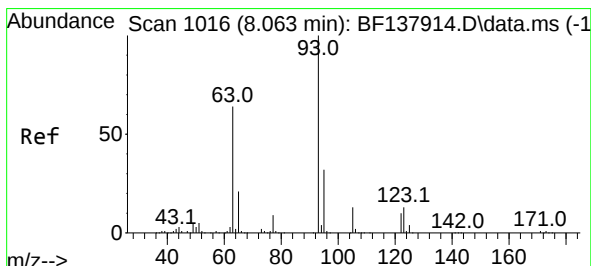
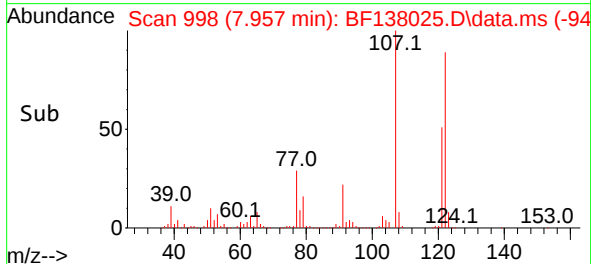
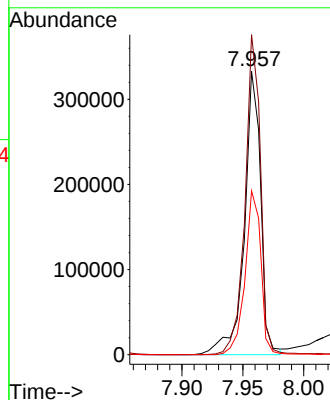
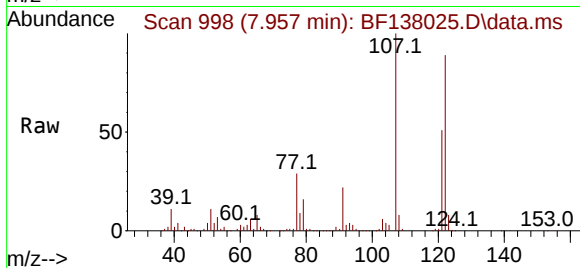
Tgt Ion:122 Resp: 310500

Ion Ratio Lower Upper

122 100

107 112.9 89.0 133.4

121 57.8 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.306 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

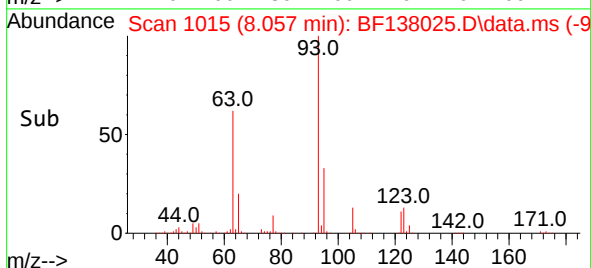
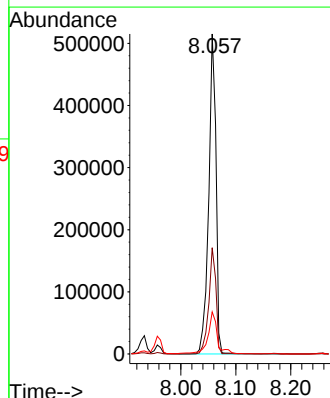
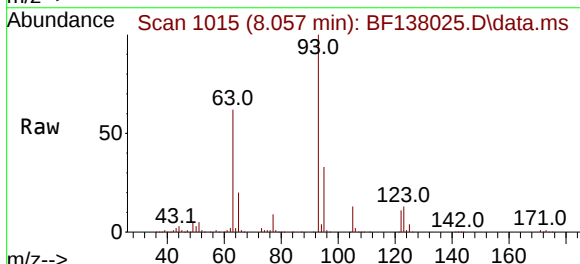
Tgt Ion: 93 Resp: 472131

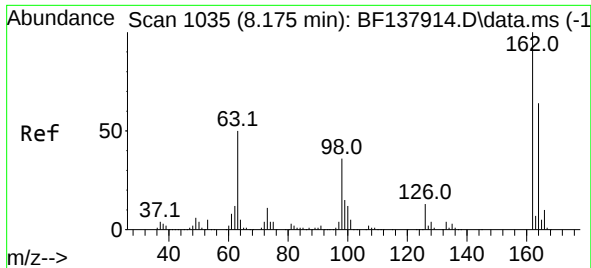
Ion Ratio Lower Upper

93 100

95 33.2 25.9 38.9

123 13.2 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 43.038 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

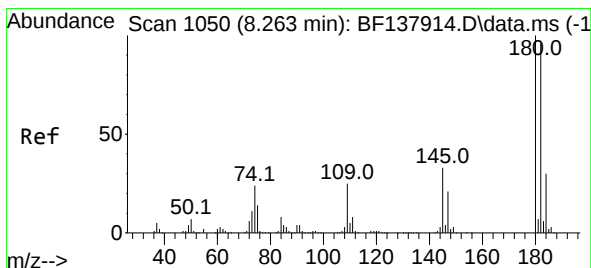
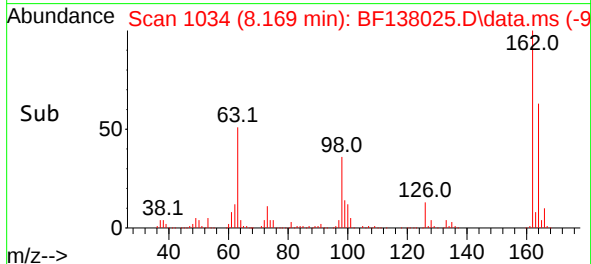
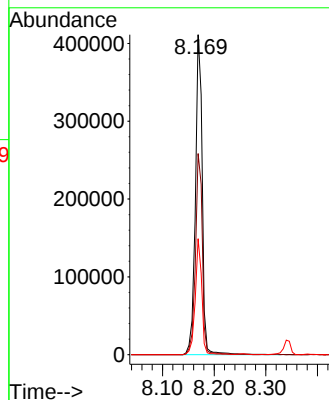
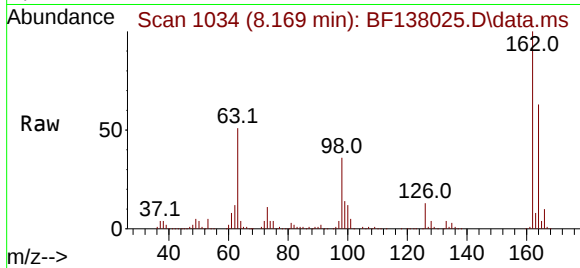
Tgt Ion:162 Resp: 376820

Ion Ratio Lower Upper

162 100

164 62.8 44.3 84.3

98 36.2 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 39.523 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

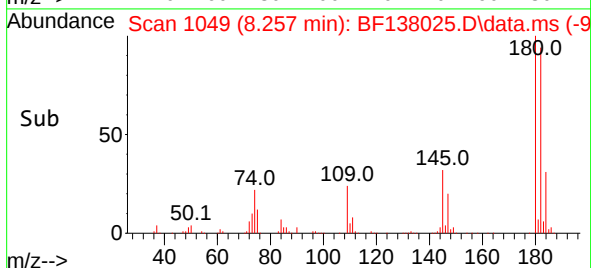
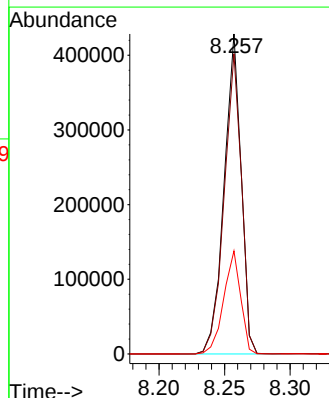
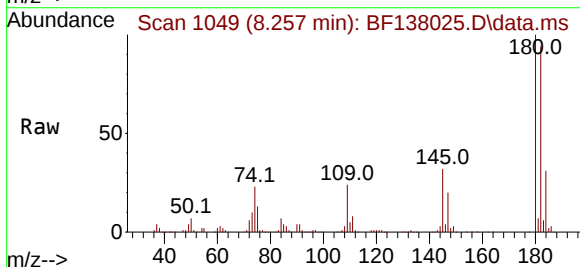
Tgt Ion:180 Resp: 386373

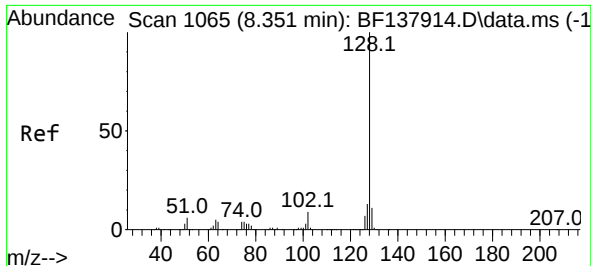
Ion Ratio Lower Upper

180 100

182 93.8 76.5 114.7

145 32.2 26.2 39.2

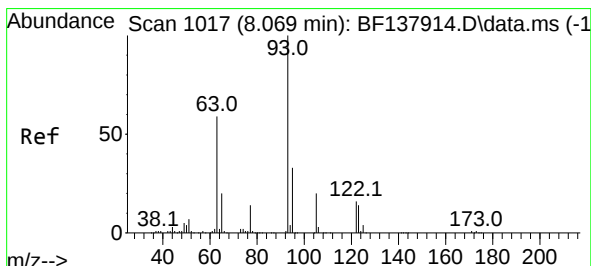
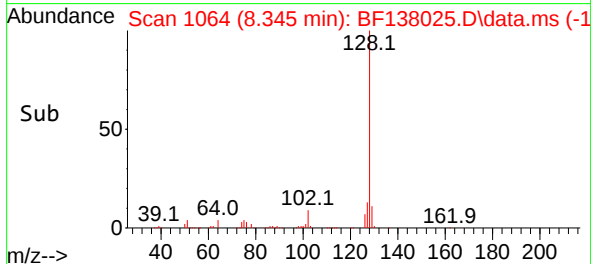
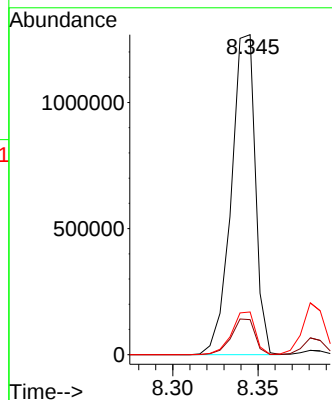
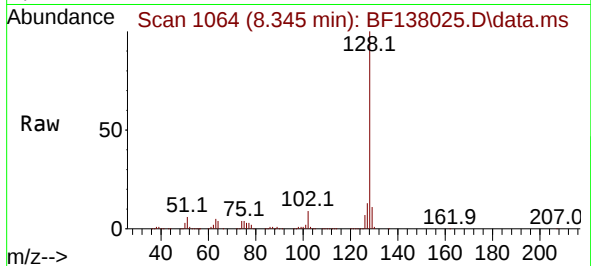




#31
Naphthalene
Concen: 39.633 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

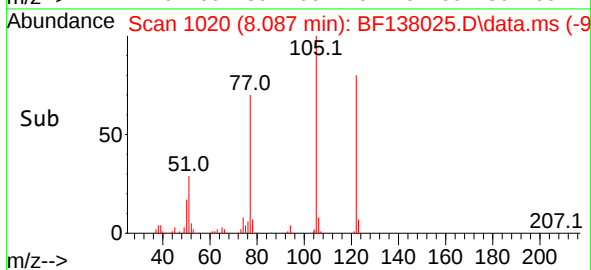
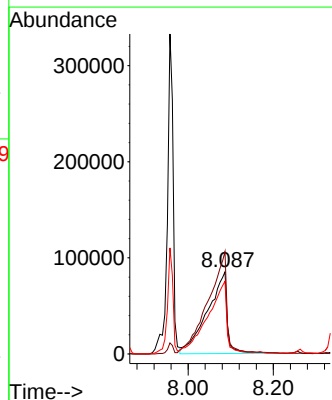
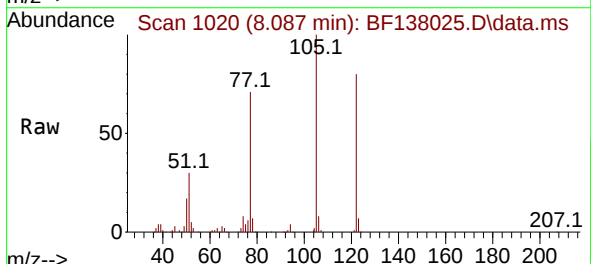
Instrument :
BNA_F
ClientSampleId :
PB161081BS

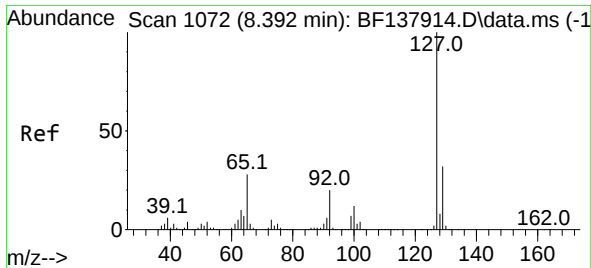
Tgt Ion:128 Resp: 1244216
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 46.604 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.018 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:122 Resp: 274297
Ion Ratio Lower Upper
122 100
105 124.6 103.8 143.8
77 88.4 68.4 108.4

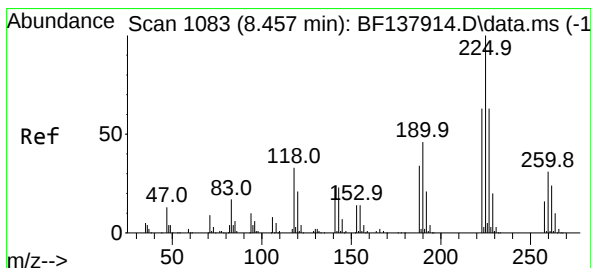
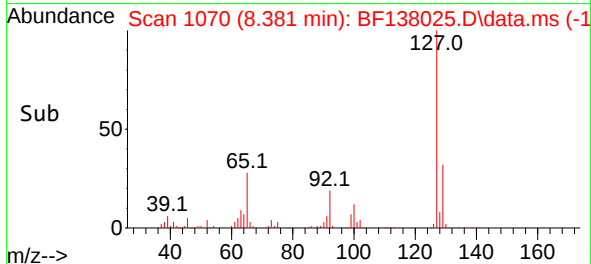
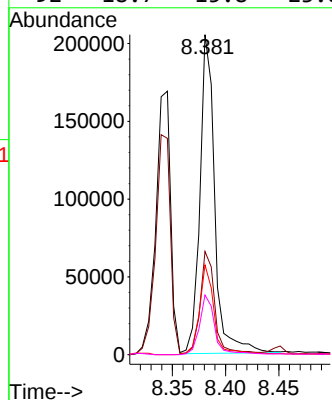
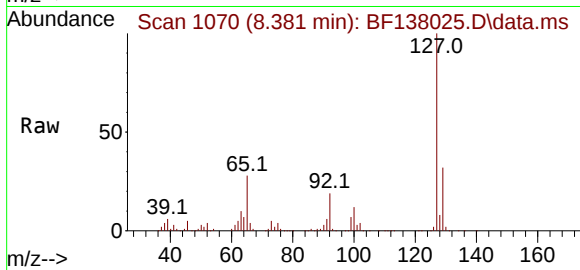




#33
4-Chloroaniline
Concen: 19.352 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

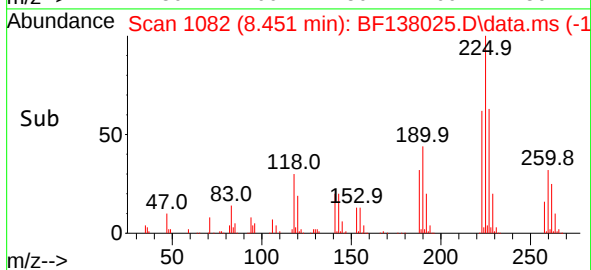
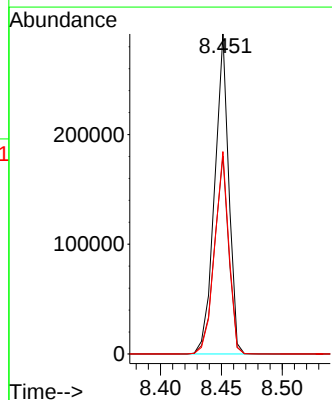
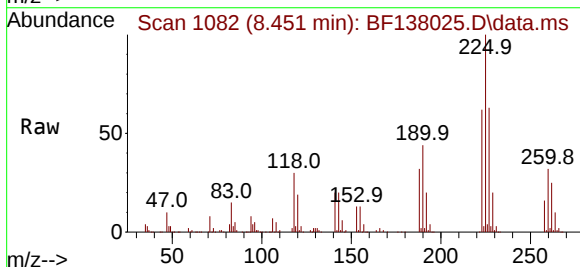
Instrument :
BNA_F
ClientSampleId :
PB161081BS

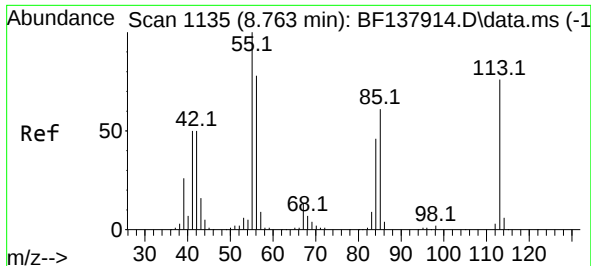
Tgt Ion:	127	Resp:	199158
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	28.0	22.0	33.0
92	18.7	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.162 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:	225	Resp:	236135
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.0	75.0
227	63.2	50.2	75.4

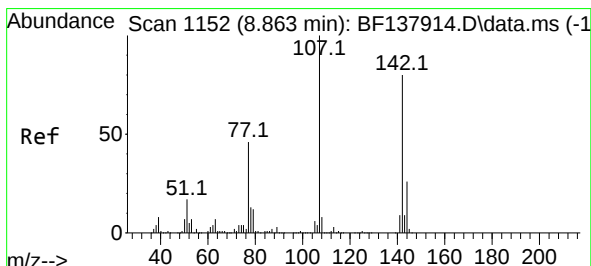
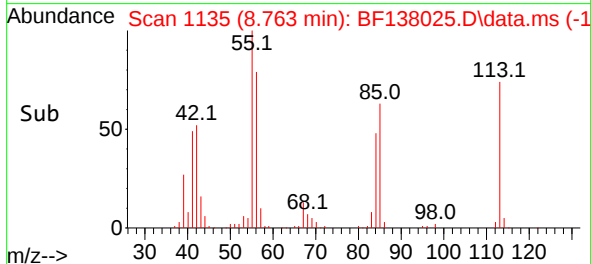
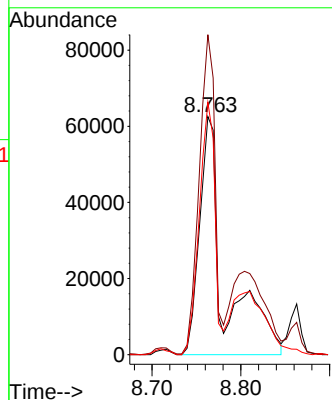
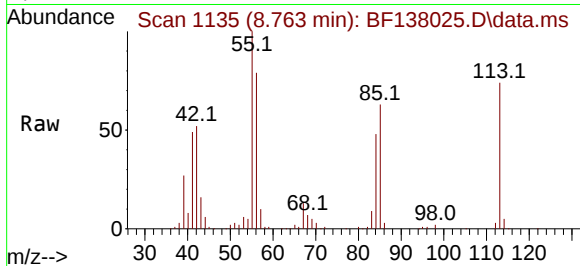




#35
 Caprolactam
 Concen: 47.327 ng m
 RT: 8.763 min Scan# 1135
 Delta R.T. 0.000 min
 Lab File: BF138025.D
 Acq: 23 May 2024 13:51

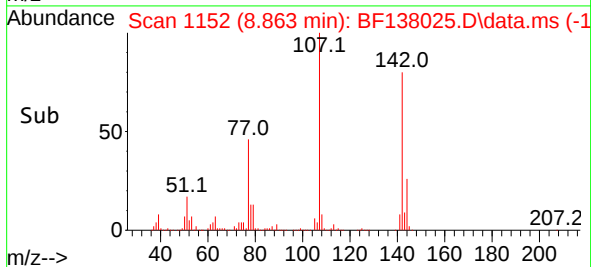
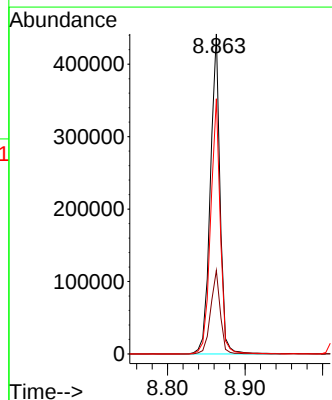
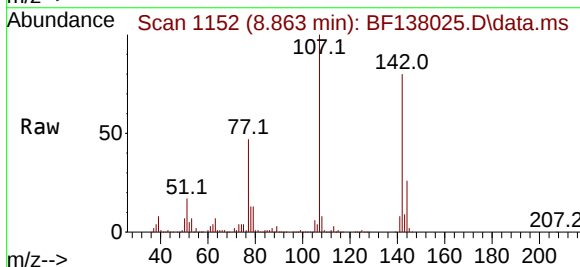
Instrument :
 BNA_F
 ClientSampleId :
 PB161081BS

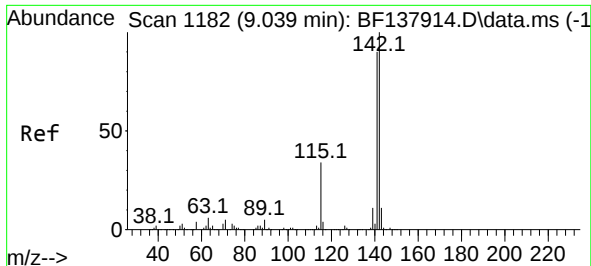
Tgt Ion:113 Resp: 120051
 Ion Ratio Lower Upper
 113 100
 55 134.4 112.3 152.3
 56 106.0 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.207 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF138025.D
 Acq: 23 May 2024 13:51

Tgt Ion:107 Resp: 384835
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.7 31.1
 142 79.7 64.0 96.0





#37

2-Methylnaphthalene

Concen: 40.789 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

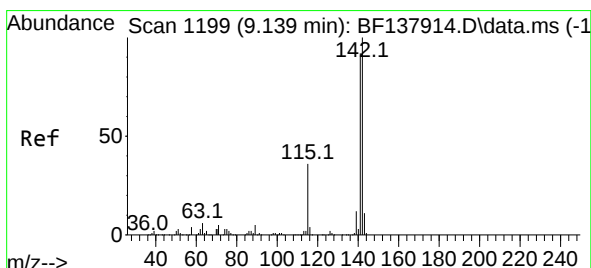
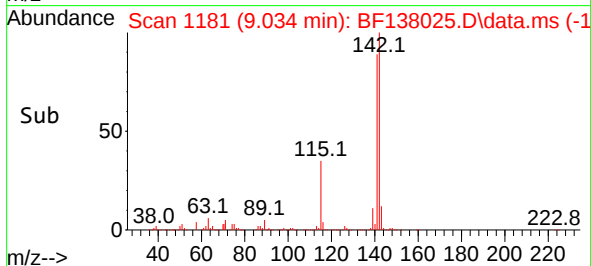
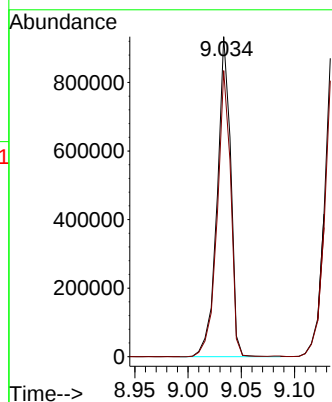
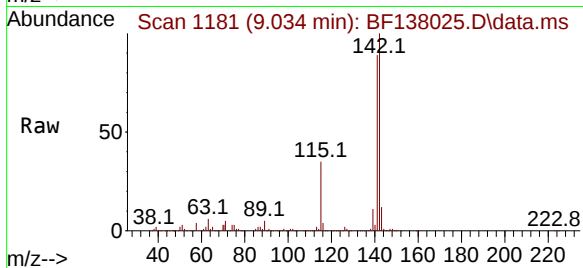
PB161081BS

Tgt Ion:142 Resp: 823107

Ion Ratio Lower Upper

142 100

141 89.4 72.0 108.0



#38

1-Methylnaphthalene

Concen: 38.585 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF138025.D

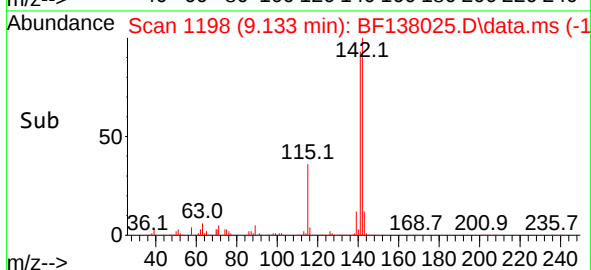
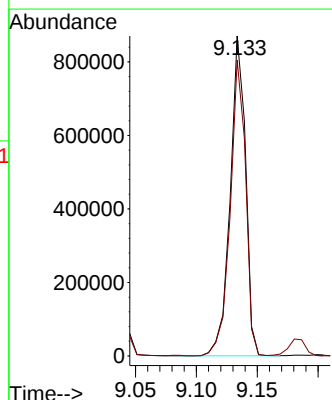
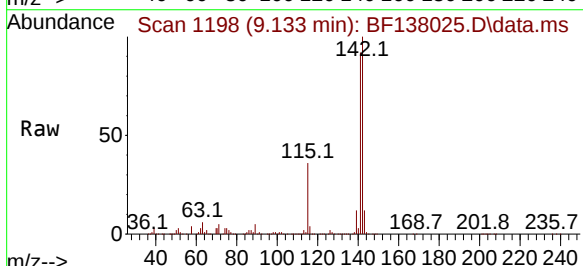
Acq: 23 May 2024 13:51

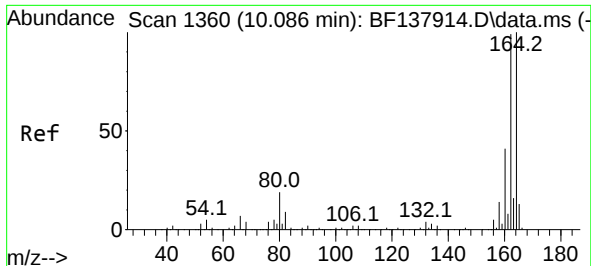
Tgt Ion:142 Resp: 765471

Ion Ratio Lower Upper

142 100

141 92.5 73.7 110.5

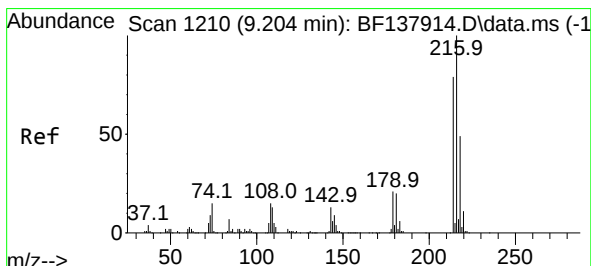
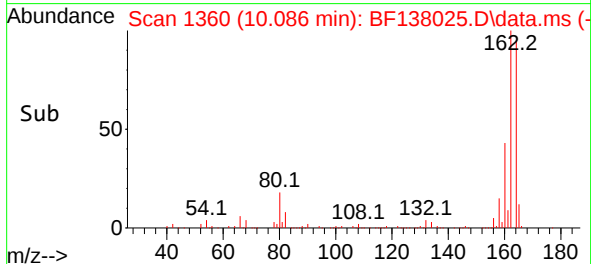
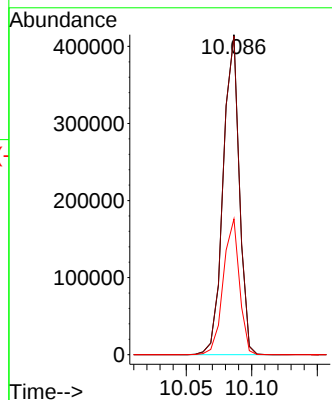
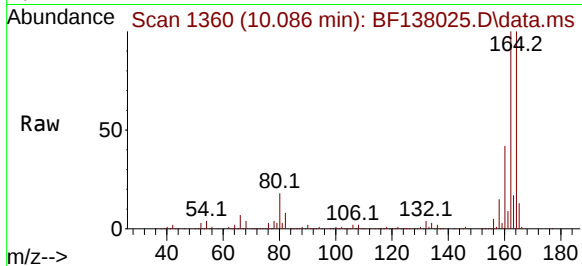




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

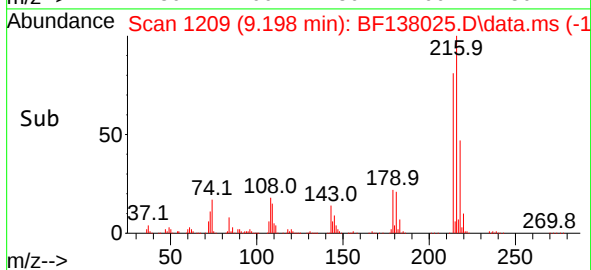
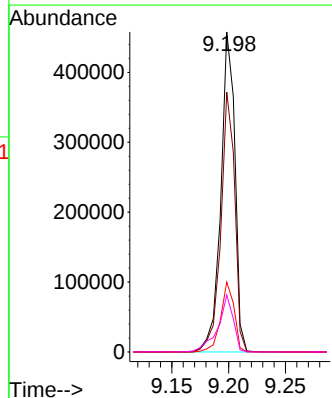
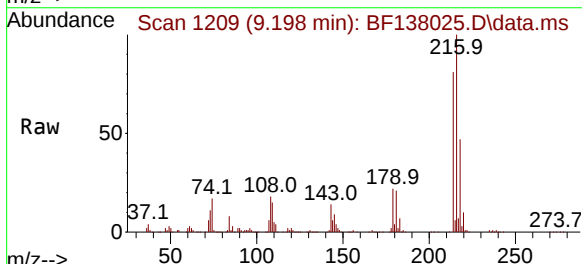
Instrument :
BNA_F
ClientSampleId :
PB161081BS

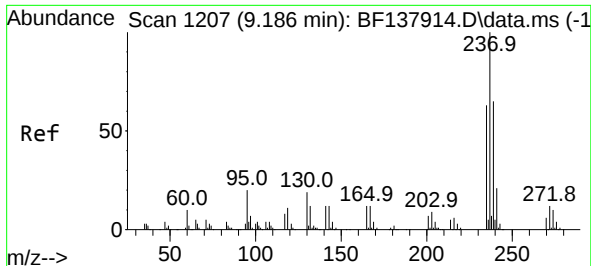
Tgt Ion:164 Resp: 353384
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.2
160 42.4 33.1 49.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.306 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

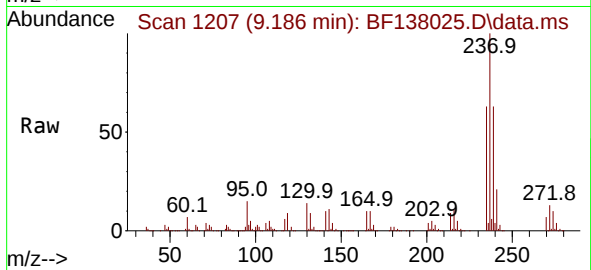
Tgt Ion:216 Resp: 396838
Ion Ratio Lower Upper
216 100
214 79.7 63.4 95.2
179 20.9 17.0 25.4
108 19.3 14.2 21.4



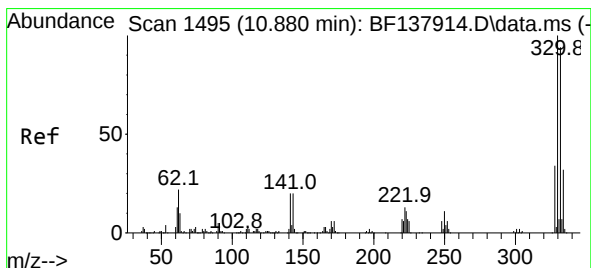
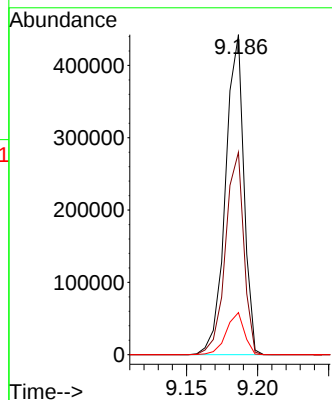
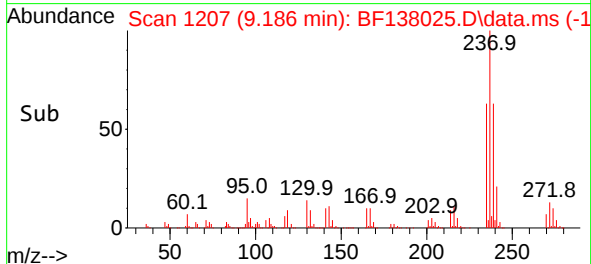


#41
Hexachlorocyclopentadiene
Concen: 108.801 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

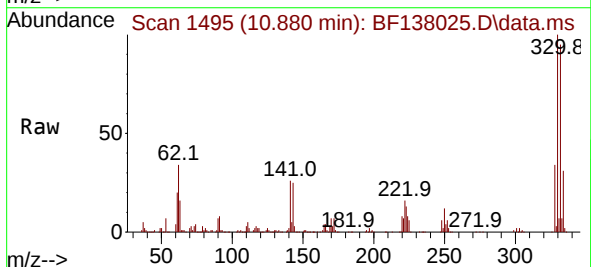
Instrument :
BNA_F
ClientSampleId :
PB161081BS



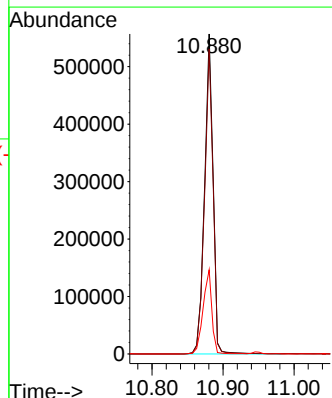
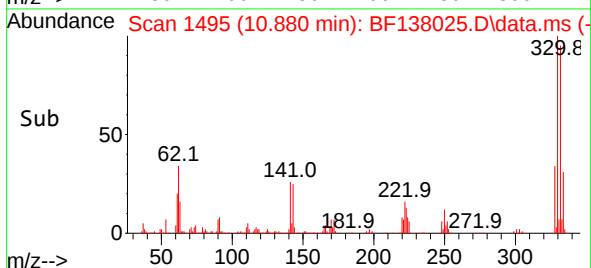
Tgt Ion:237 Resp: 397176
Ion Ratio Lower Upper
237 100
235 63.2 42.8 82.8
272 13.2 0.0 32.0

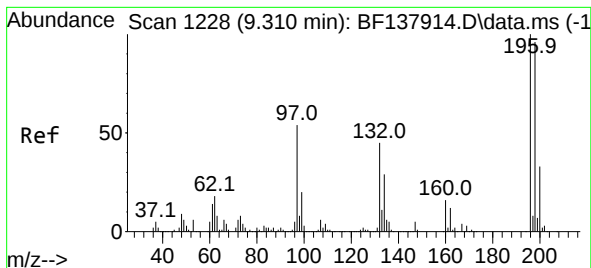


#42
2,4,6-Tribromophenol
Concen: 131.150 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51



Tgt Ion:330 Resp: 467310
Ion Ratio Lower Upper
330 100
332 95.4 75.8 113.8
141 27.1 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 43.562 ng

RT: 9.310 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

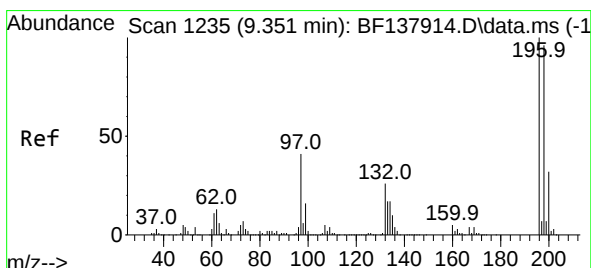
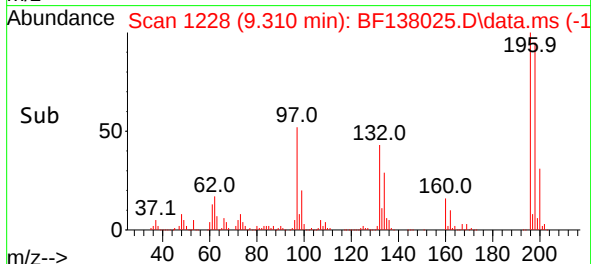
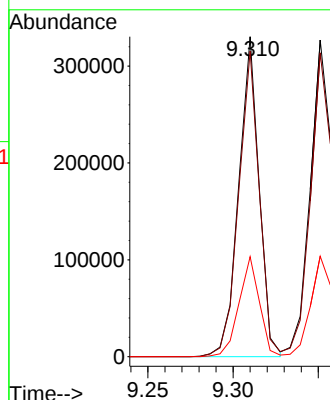
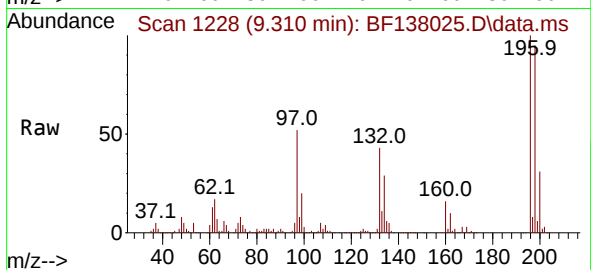
Tgt Ion:196 Resp: 274401

Ion Ratio Lower Upper

196 100

198 95.5 77.0 115.4

200 31.2 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 42.777 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Tgt Ion:196 Resp: 294834

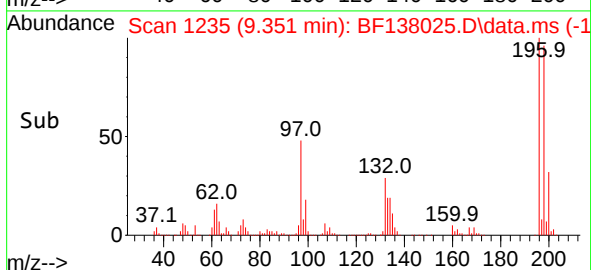
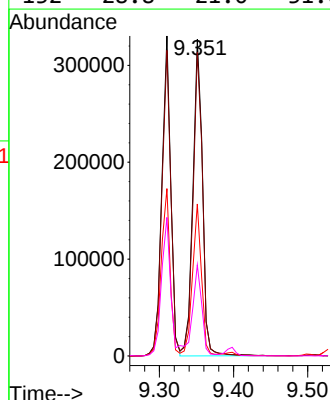
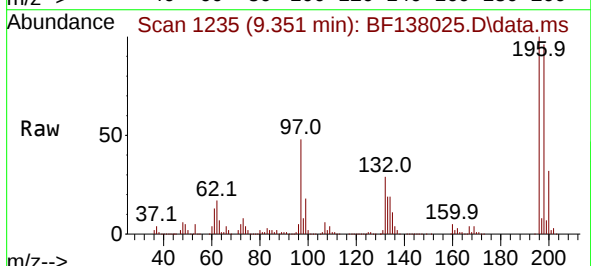
Ion Ratio Lower Upper

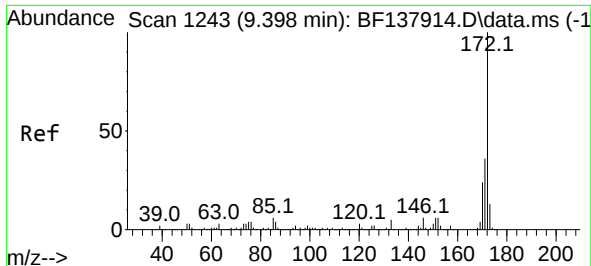
196 100

198 95.9 77.4 116.0

97 48.0 32.9 49.3

132 28.8 21.0 31.6

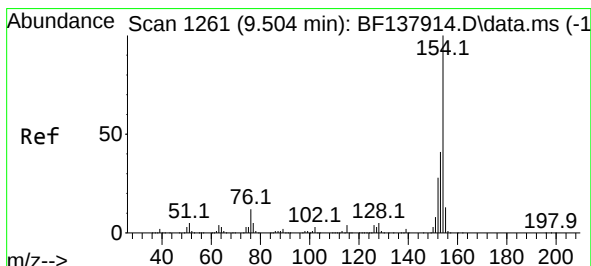
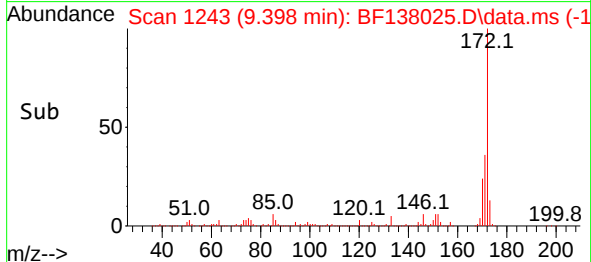
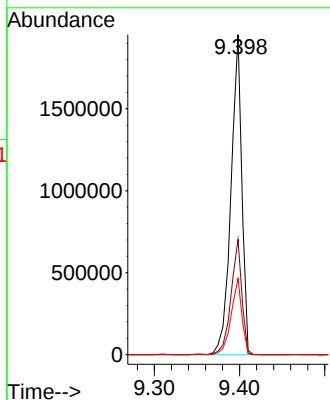
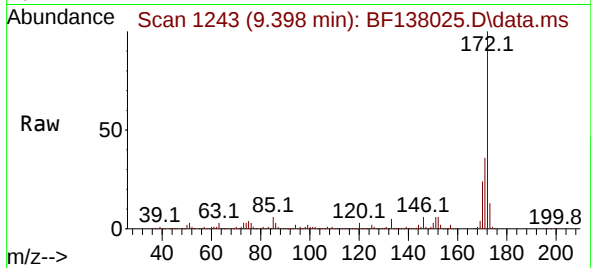




#45
2-Fluorobiphenyl
Concen: 75.668 ng
RT: 9.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

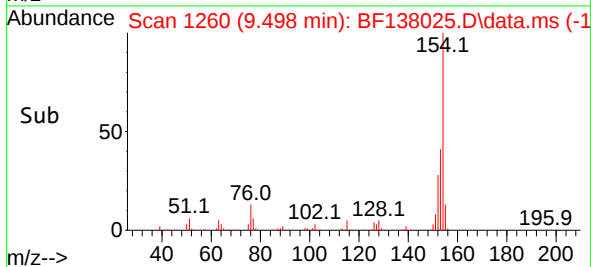
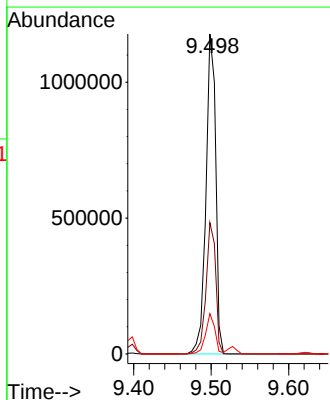
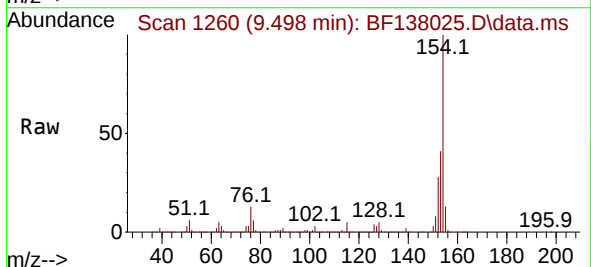
Instrument :
BNA_F
ClientSampleId :
PB161081BS

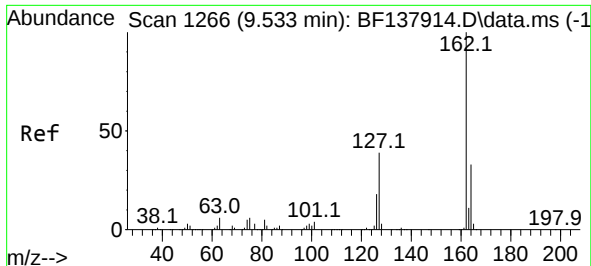
Tgt Ion:172 Resp: 1735914
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.537 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:154 Resp: 1029529
Ion Ratio Lower Upper
154 100
153 41.1 21.3 61.3
76 12.6 0.0 31.9

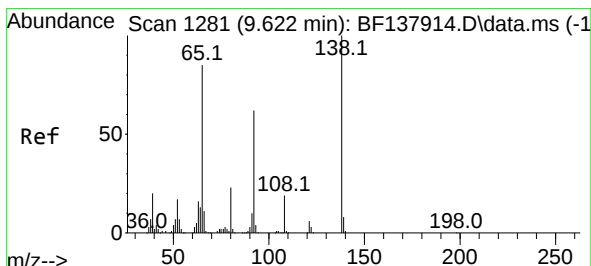
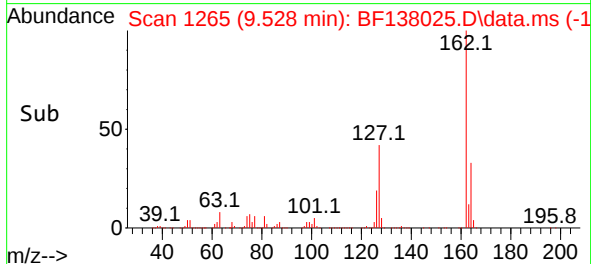
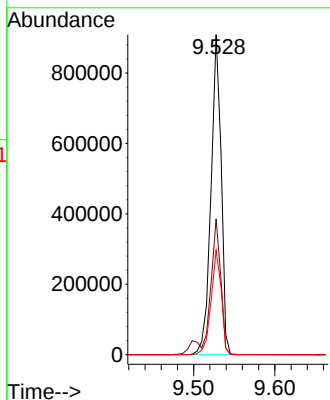
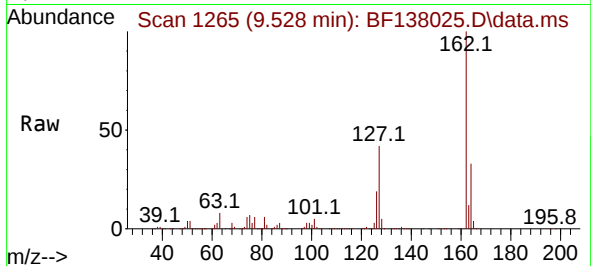




#47
2-Chloronaphthalene
Concen: 39.829 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

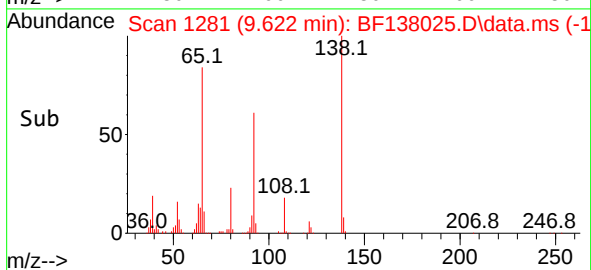
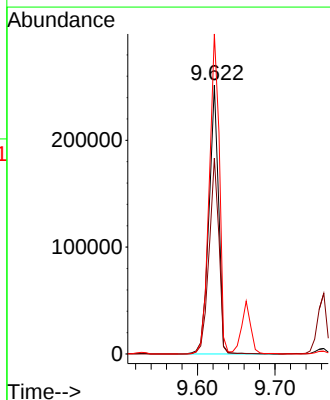
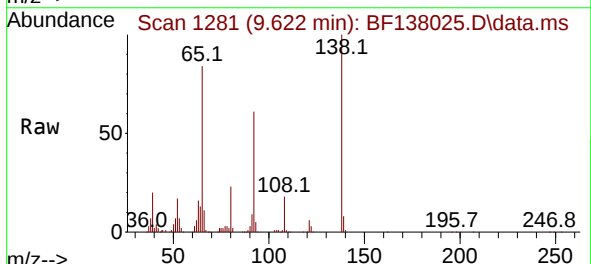
Instrument :
BNA_F
ClientSampleId :
PB161081BS

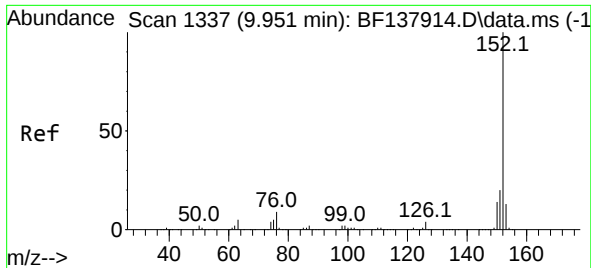
Tgt Ion:162 Resp: 788040
Ion Ratio Lower Upper
162 100
127 42.5 32.0 48.0
164 32.7 26.2 39.4



#48
2-Nitroaniline
Concen: 43.192 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion: 65 Resp: 218836
Ion Ratio Lower Upper
65 100
92 72.9 58.6 88.0
138 119.1 94.1 141.1





#49

Acenaphthylene

Concen: 44.649 ng

RT: 9.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

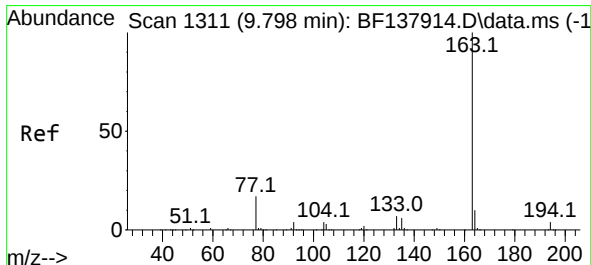
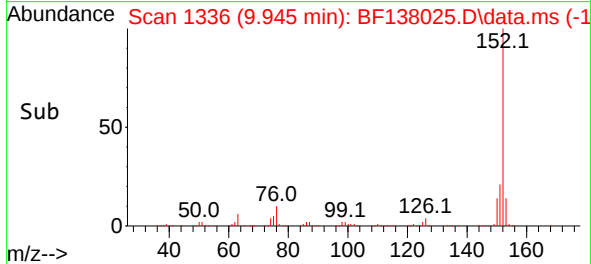
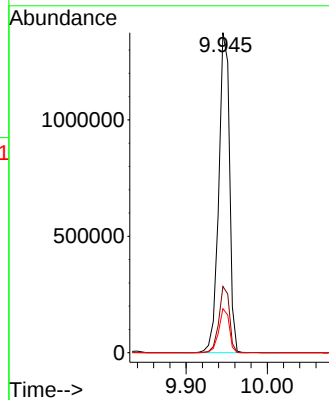
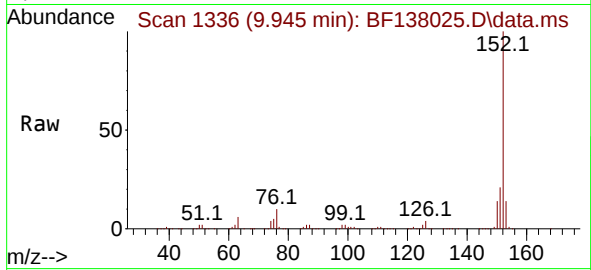
Tgt Ion:152 Resp: 1270226

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

153 13.7 10.2 15.4



#50

Dimethylphthalate

Concen: 43.645 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

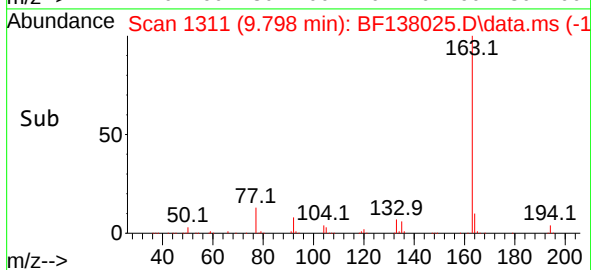
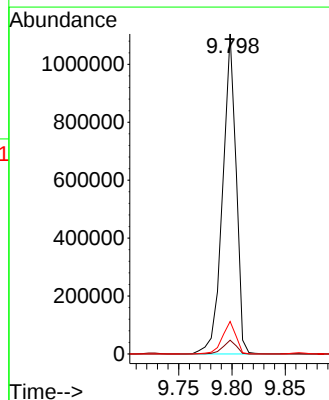
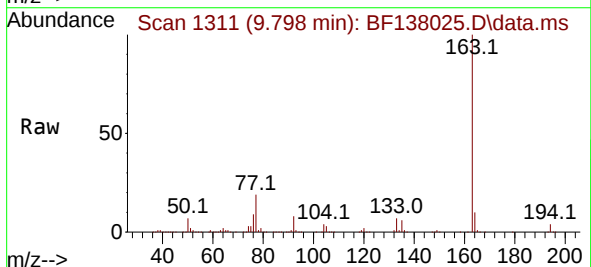
Tgt Ion:163 Resp: 967180

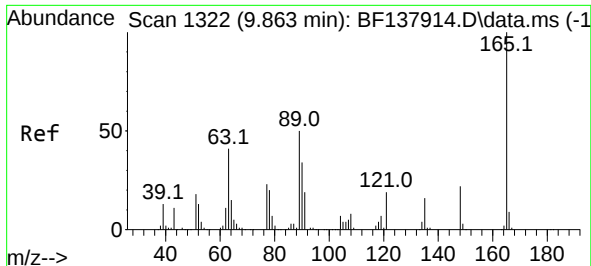
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 42.710 ng

RT: 9.863 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

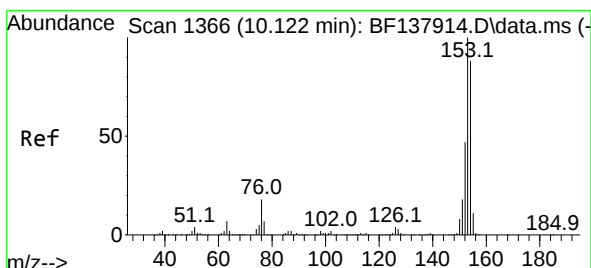
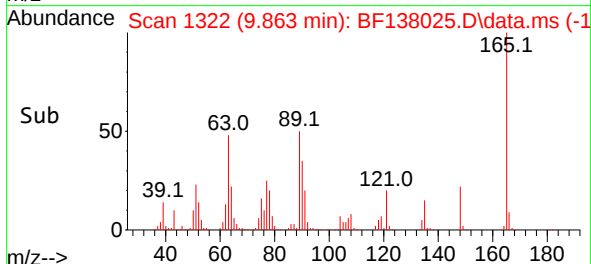
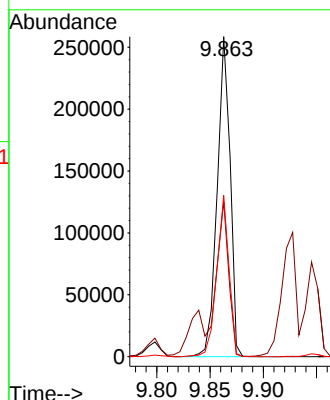
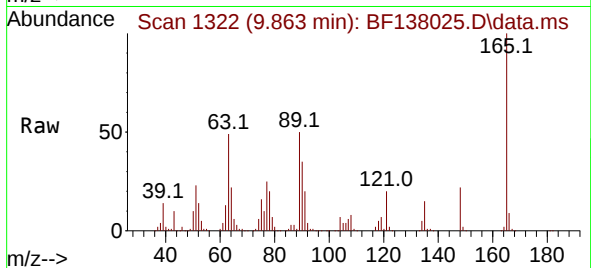
Tgt Ion:165 Resp: 217223

Ion Ratio Lower Upper

165 100

63 48.5 38.9 58.3

89 50.4 40.4 60.6



#52

Acenaphthene

Concen: 45.075 ng

RT: 10.122 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

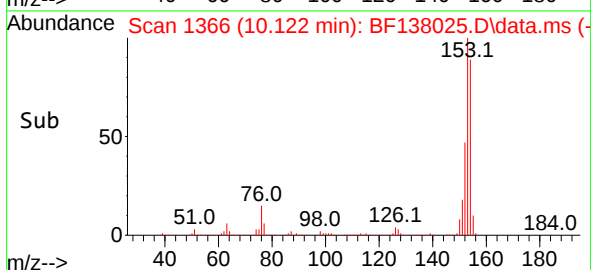
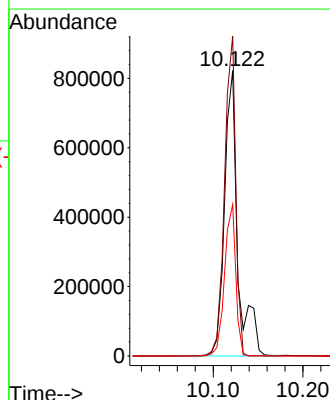
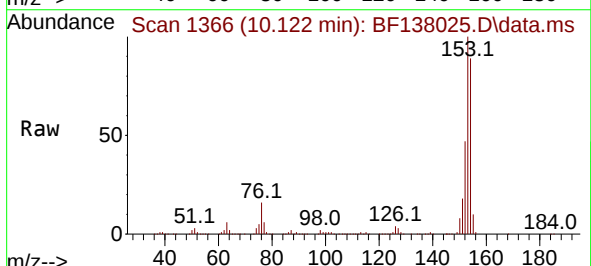
Tgt Ion:154 Resp: 847552

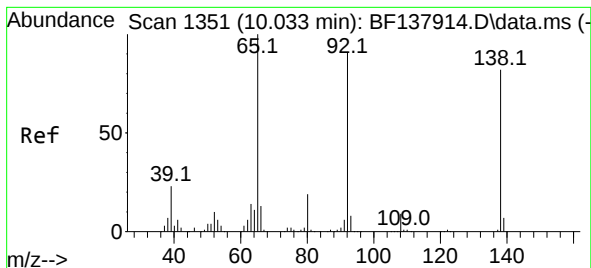
Ion Ratio Lower Upper

154 100

153 112.2 90.4 135.6

152 53.0 42.3 63.5

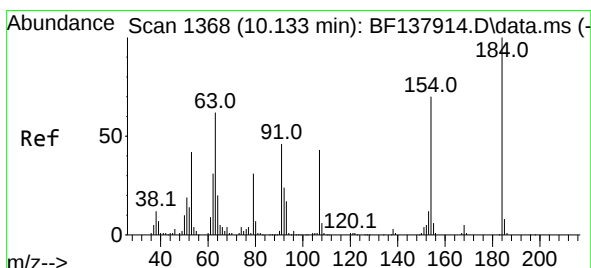
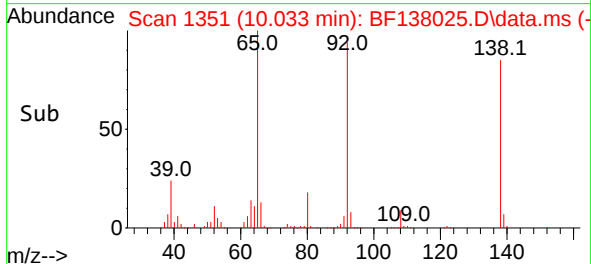
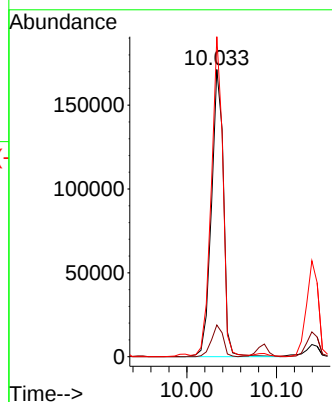
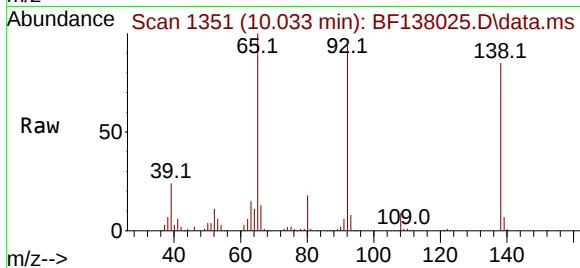




#53
3-Nitroaniline
Concen: 31.944 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

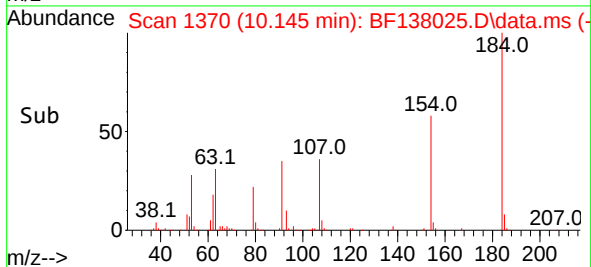
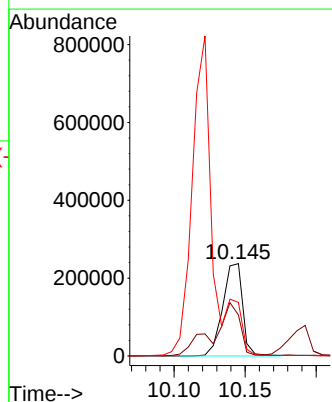
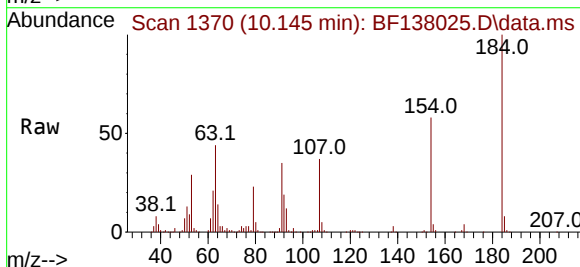
Instrument :
BNA_F
ClientSampleId :
PB161081BS

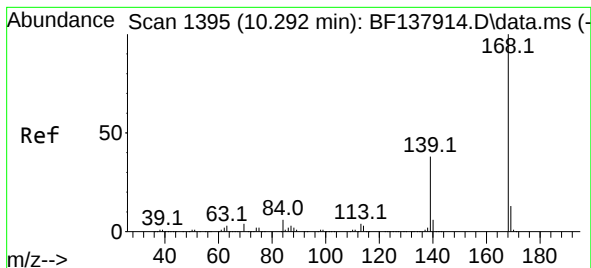
Tgt Ion:138 Resp: 158828
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 111.4 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 83.573 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.012 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:184 Resp: 230568
Ion Ratio Lower Upper
184 100
63 44.4 50.4 75.6#
154 58.0 63.7 95.5#





#55

Dibenzenofuran

Concen: 42.093 ng

RT: 10.292 min Scan# 1395

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

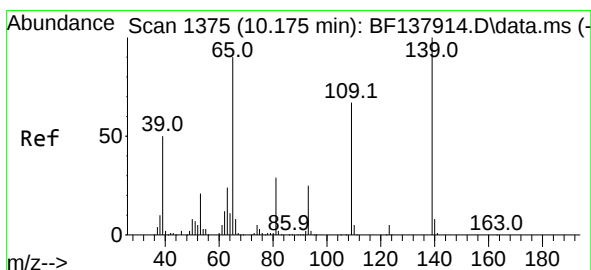
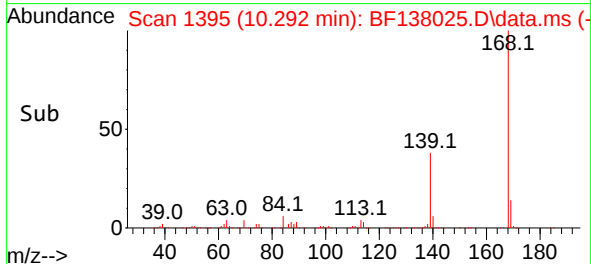
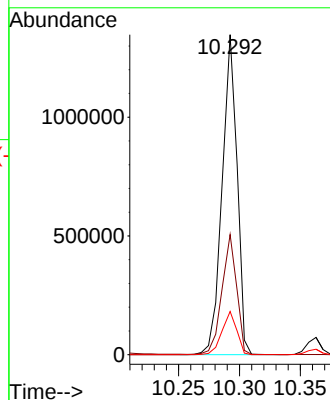
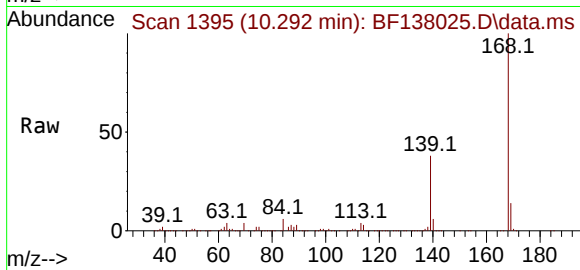
Tgt Ion:168 Resp: 1151899

Ion Ratio Lower Upper

168 100

139 37.5 30.4 45.6

169 13.5 10.5 15.7



#56

4-Nitrophenol

Concen: 92.280 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.018 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

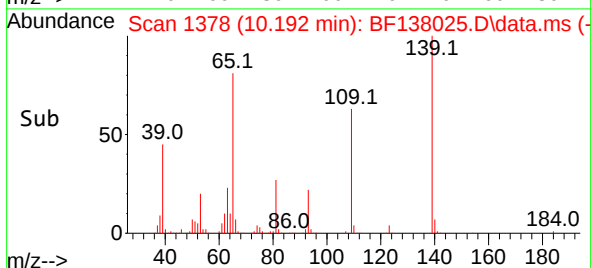
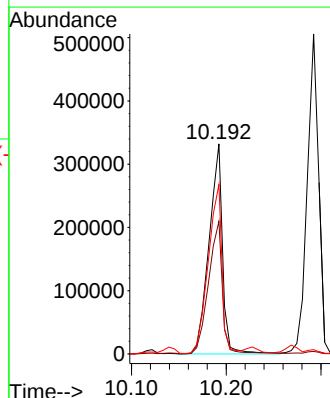
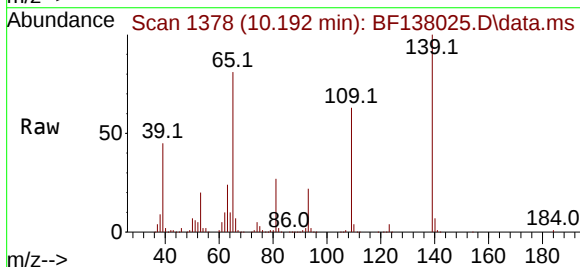
Tgt Ion:139 Resp: 329546

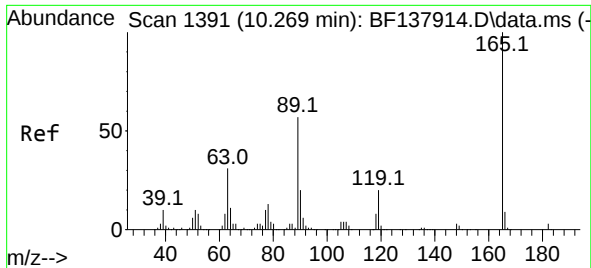
Ion Ratio Lower Upper

139 100

109 63.1 46.5 86.5

65 80.7 70.4 110.4

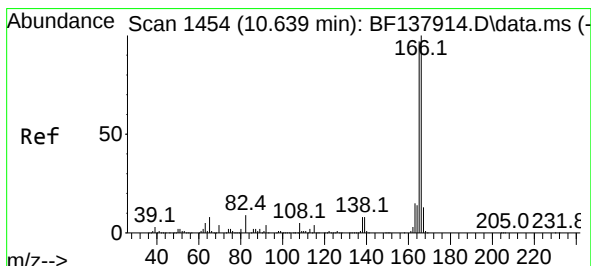
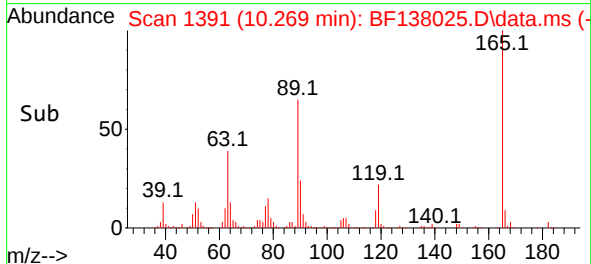
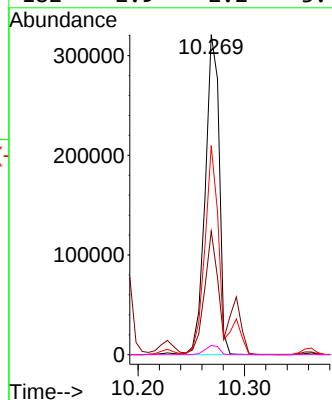
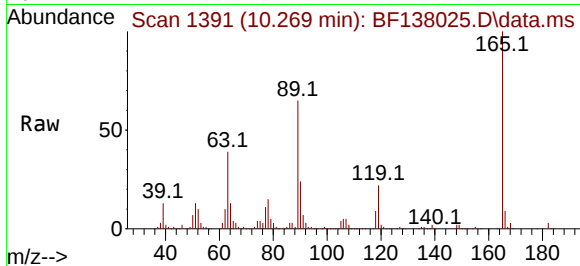




#57
2,4-Dinitrotoluene
Concen: 44.588 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

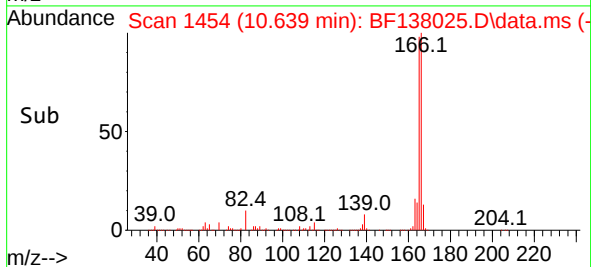
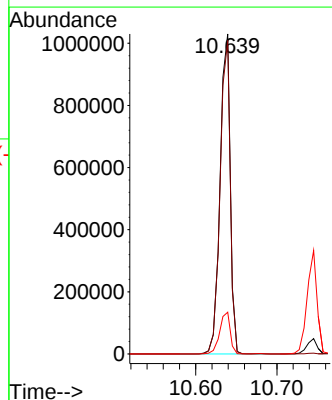
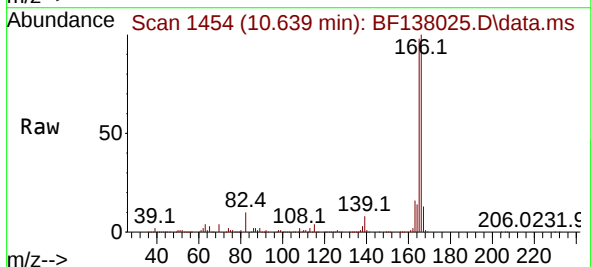
Instrument :
BNA_F
ClientSampleId :
PB161081BS

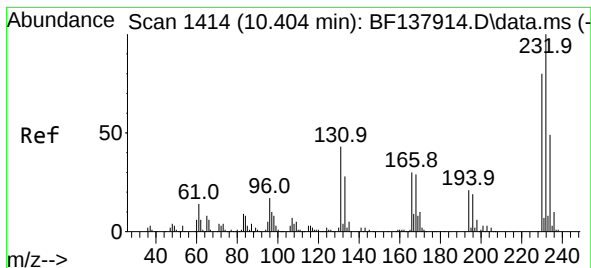
Tgt Ion:165 Resp: 293166
Ion Ratio Lower Upper
165 100
63 38.6 25.3 37.9#
89 65.3 45.9 68.9
182 2.9 2.2 3.4



#58
Fluorene
Concen: 41.576 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:166 Resp: 899905
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.8
167 13.1 10.4 15.6

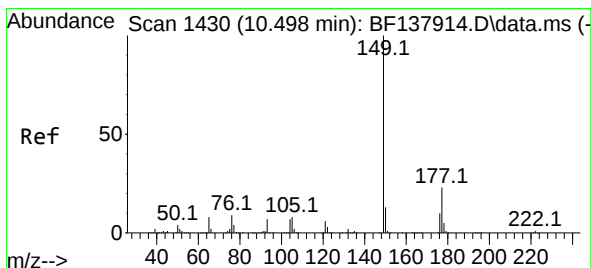
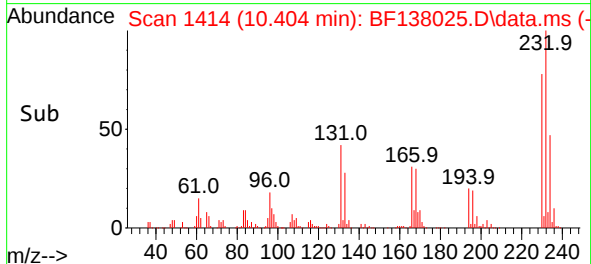
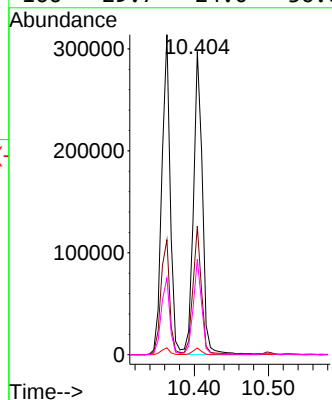
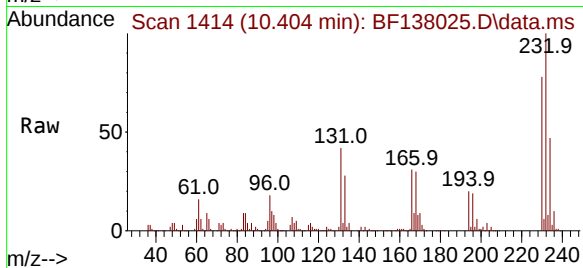




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.037 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

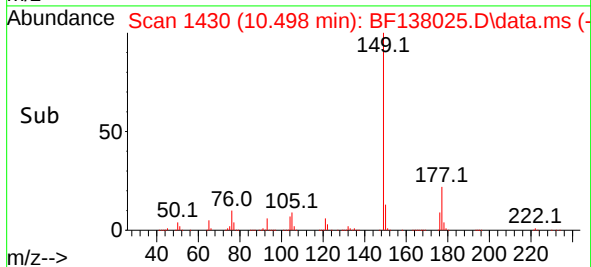
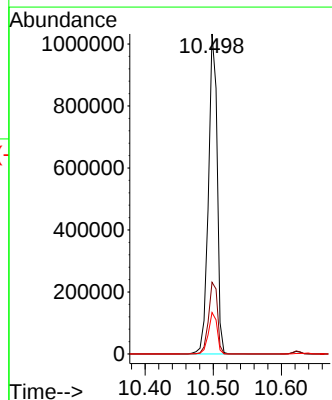
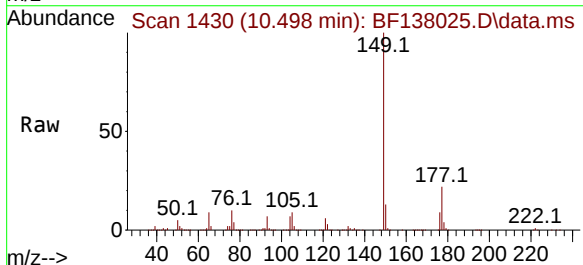
Instrument :
BNA_F
ClientSampleId :
PB161081BS

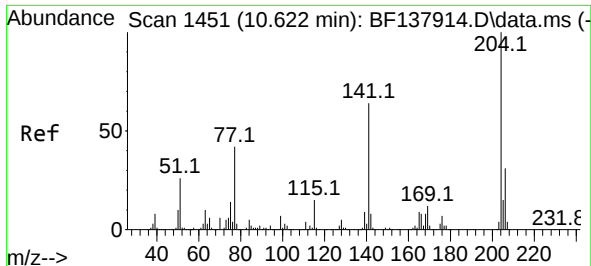
Tgt Ion:232 Resp: 249269
Ion Ratio Lower Upper
232 100
131 40.2 34.4 51.6
130 2.0 1.7 2.5
166 29.7 24.0 36.0



#60
Diethylphthalate
Concen: 44.381 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:149 Resp: 918515
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 13.0 10.1 15.1

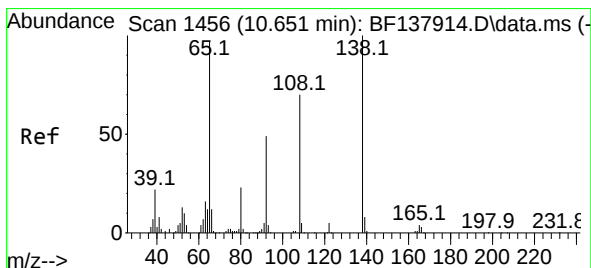
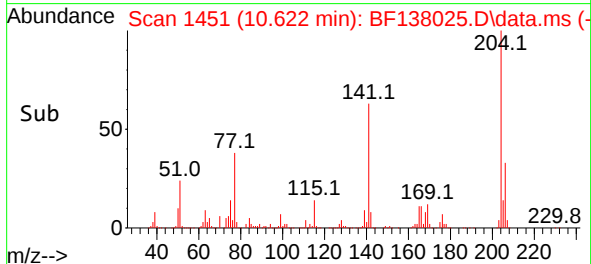
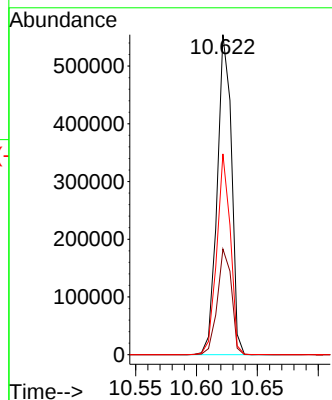
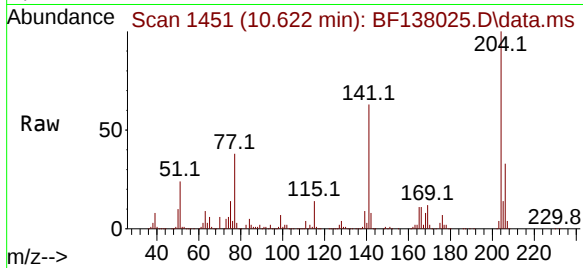




#61
4-Chlorophenyl-phenylether
Concen: 42.481 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

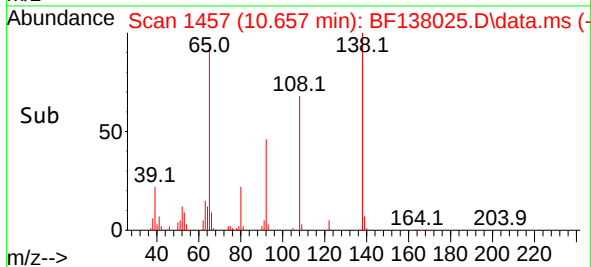
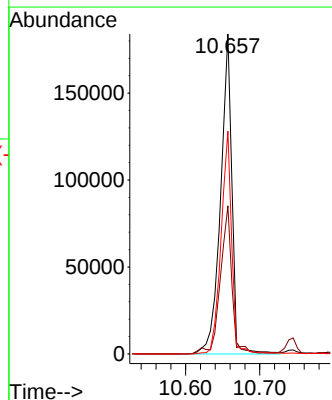
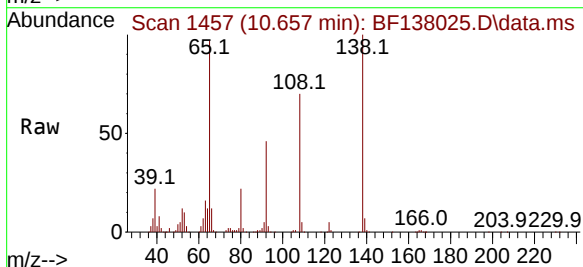
Instrument :
BNA_F
ClientSampleId :
PB161081BS

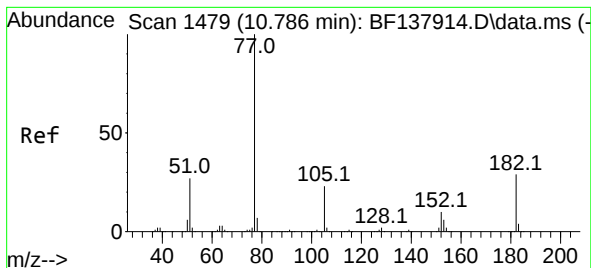
Tgt Ion:204 Resp: 453449
Ion Ratio Lower Upper
204 100
206 33.0 25.1 37.7
141 62.8 51.0 76.6



#62
4-Nitroaniline
Concen: 41.568 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:138 Resp: 196032
Ion Ratio Lower Upper
138 100
92 46.3 29.0 69.0
108 69.6 49.7 89.7





#63

Azobenzene

Concen: 42.978 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

Tgt Ion: 77 Resp: 809055

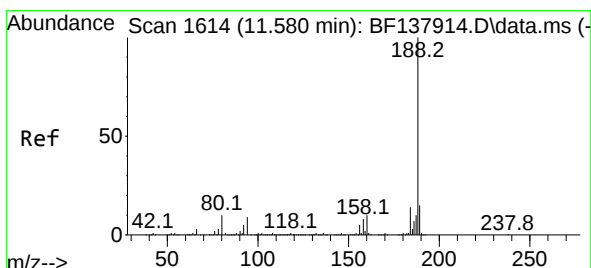
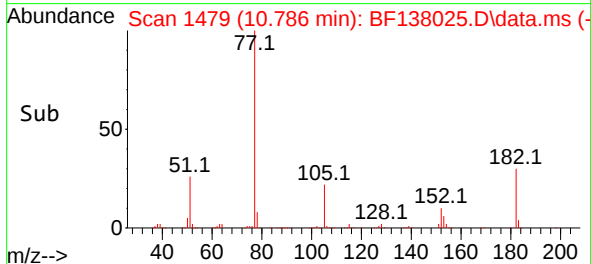
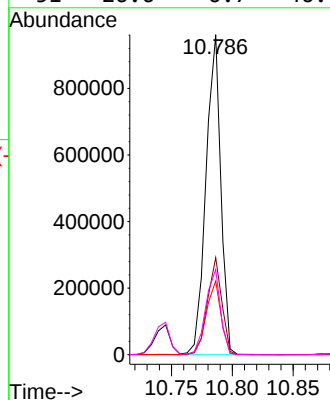
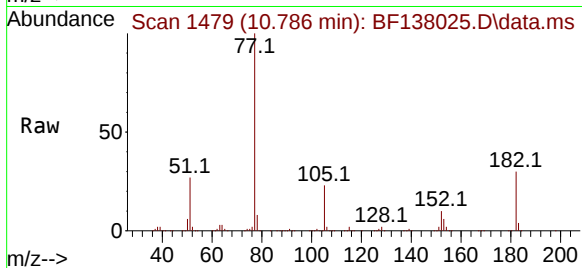
Ion Ratio Lower Upper

77 100

182 30.3 9.2 49.2

105 23.0 3.1 43.1

51 26.6 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

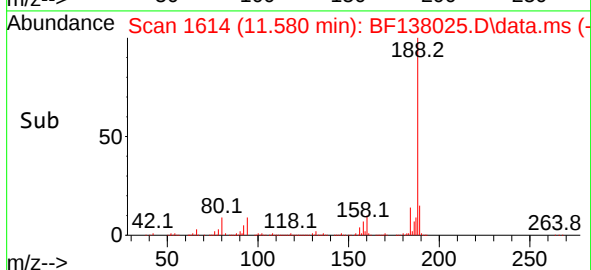
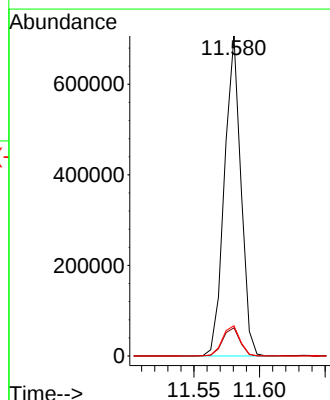
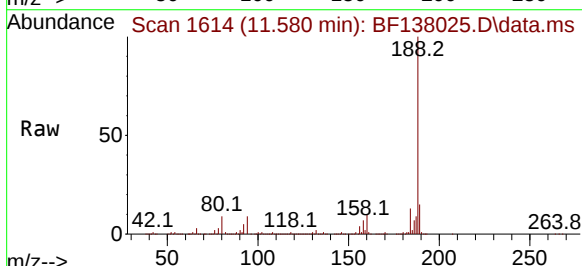
Tgt Ion: 188 Resp: 614989

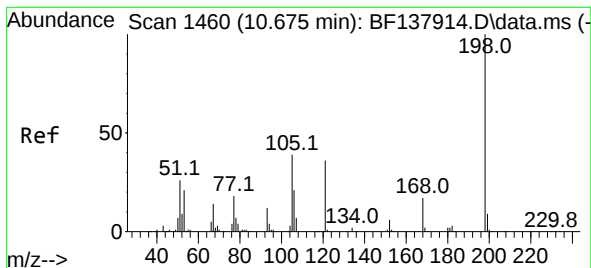
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

80 9.4 7.7 11.5

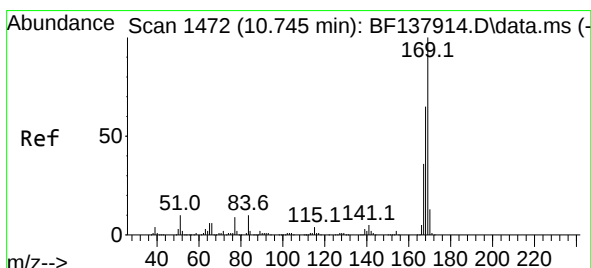
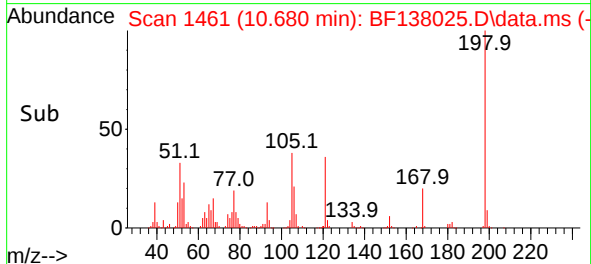
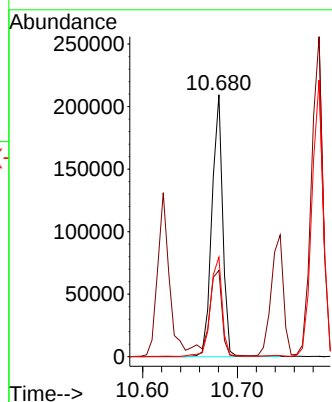
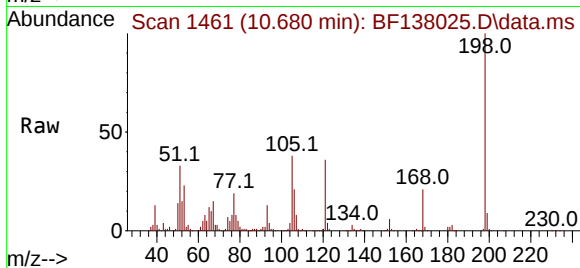




#65
4,6-Dinitro-2-methylphenol
Concen: 46.907 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.005 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

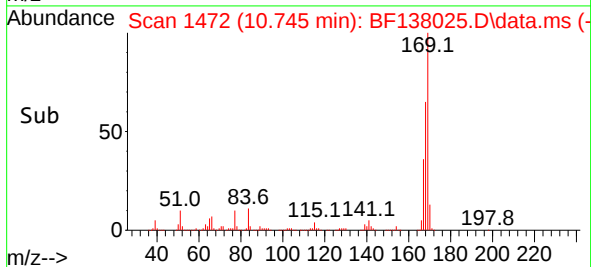
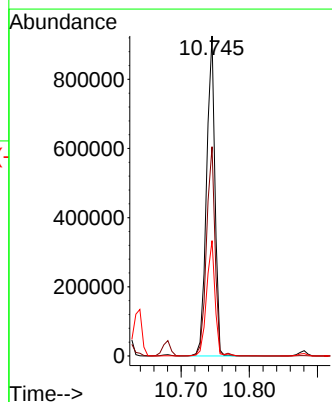
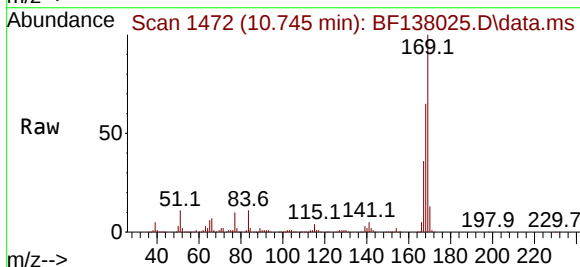
Instrument :
BNA_F
ClientSampleId :
PB161081BS

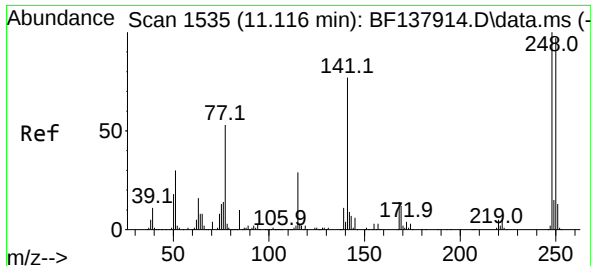
Tgt Ion:198 Resp: 166566
Ion Ratio Lower Upper
198 100
51 32.9 13.8 53.8
105 38.0 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 42.111 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:169 Resp: 794213
Ion Ratio Lower Upper
169 100
168 65.4 52.4 78.6
167 36.0 28.9 43.3

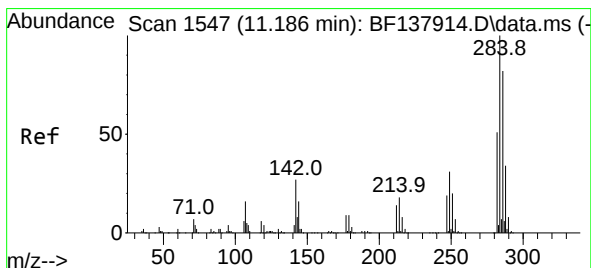
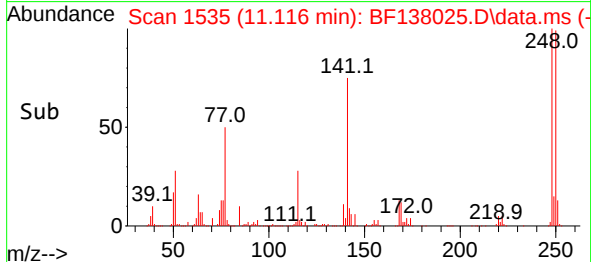
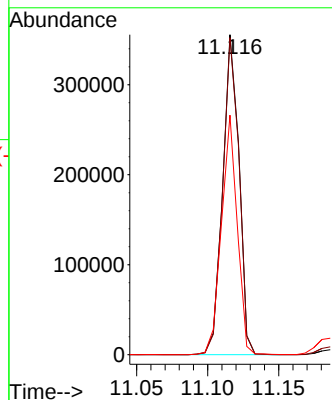
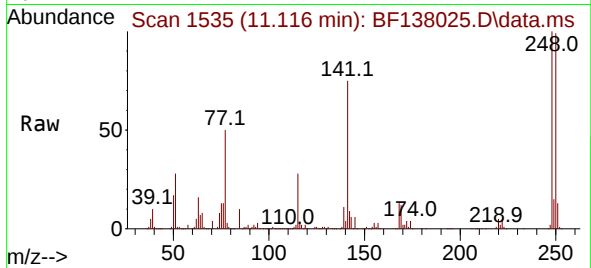




#67
4-Bromophenyl-phenylether
Concen: 42.049 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

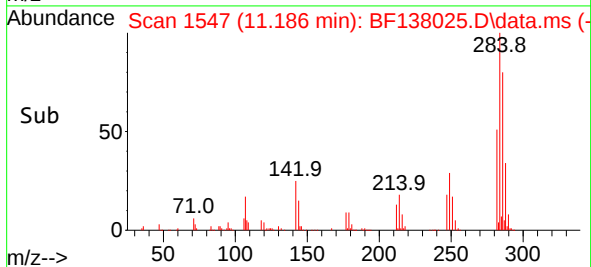
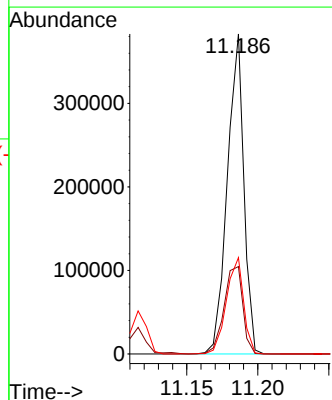
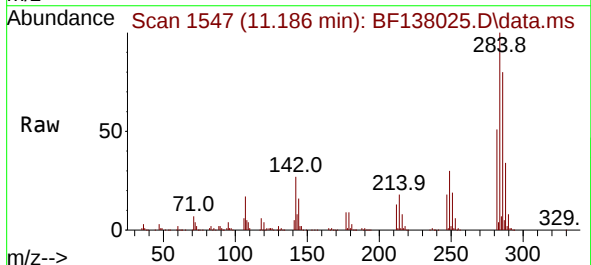
Instrument :
BNA_F
ClientSampleId :
PB161081BS

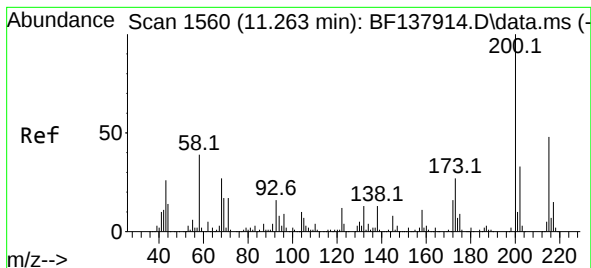
Tgt Ion:248 Resp: 283497
Ion Ratio Lower Upper
248 100
250 99.1 77.6 116.4
141 74.8 61.4 92.2



#68
Hexachlorobenzene
Concen: 41.528 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:284 Resp: 309487
Ion Ratio Lower Upper
284 100
142 27.3 21.3 31.9
249 30.1 24.6 37.0





#69

Atrazine

Concen: 52.107 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

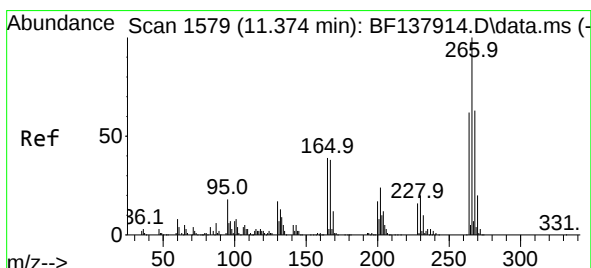
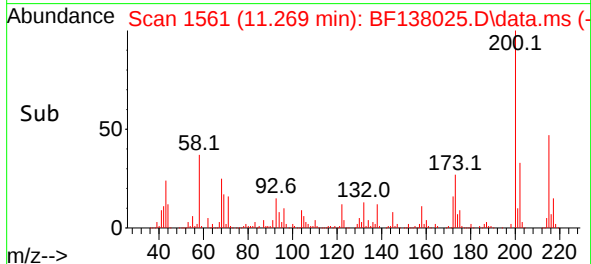
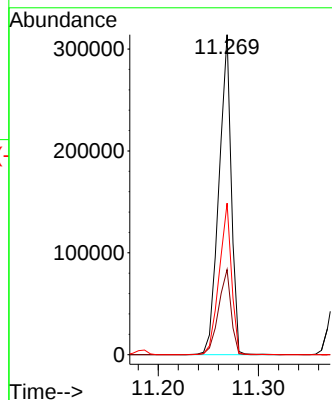
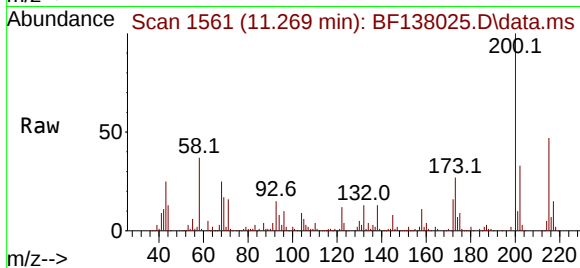
Tgt Ion:200 Resp: 268350

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 47.3 27.5 67.5



#70

Pentachlorophenol

Concen: 83.961 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

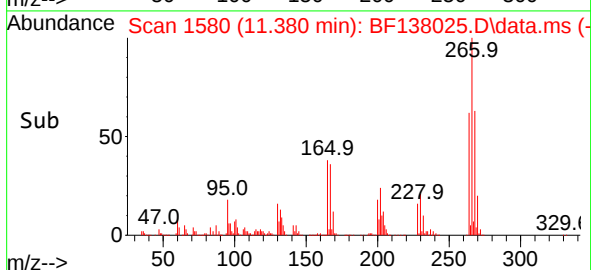
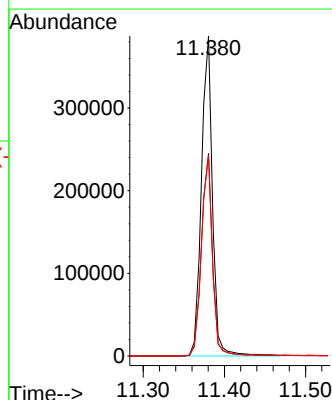
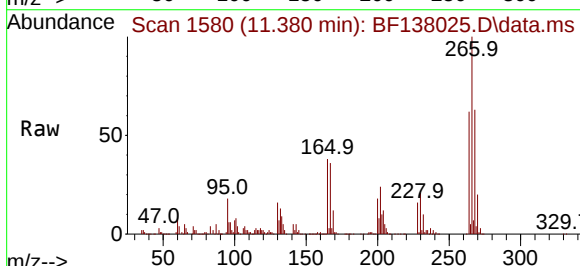
Tgt Ion:266 Resp: 366528

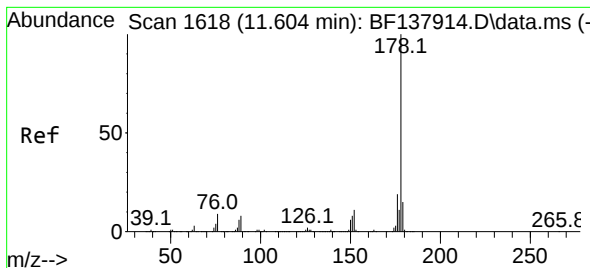
Ion Ratio Lower Upper

266 100

268 63.4 50.1 75.1

264 62.4 49.4 74.2





#71

Phenanthrene

Concen: 42.025 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

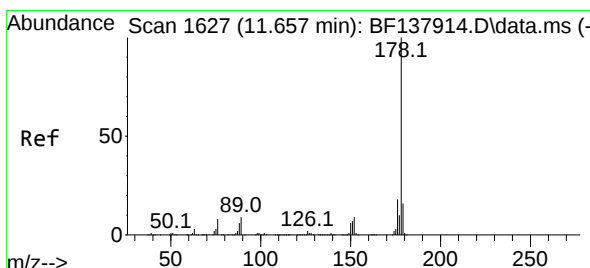
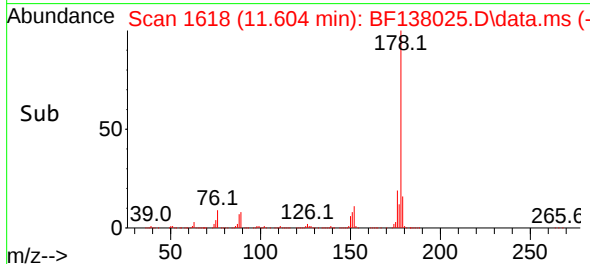
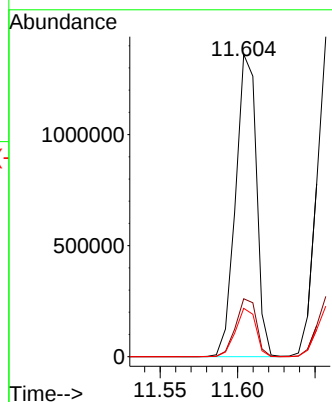
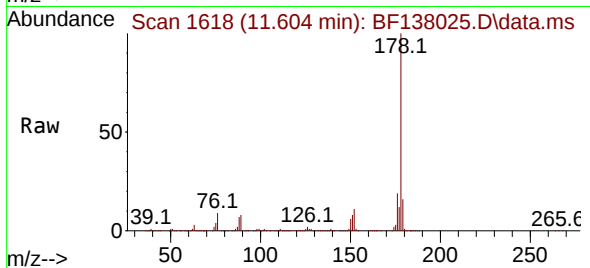
Tgt Ion:178 Resp: 1273627

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 16.0 12.2 18.4



#72

Anthracene

Concen: 42.438 ng

RT: 11.657 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

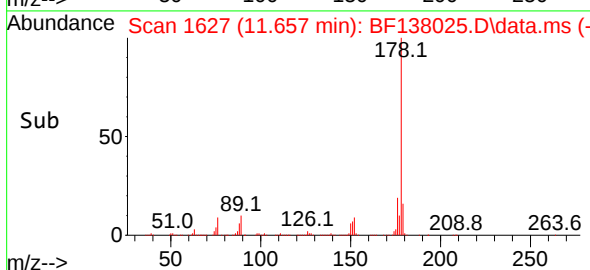
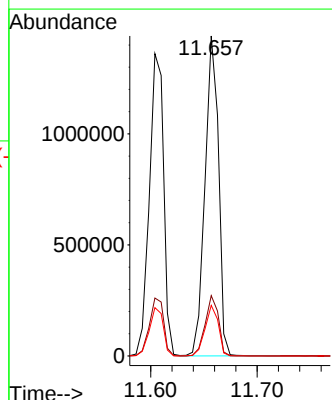
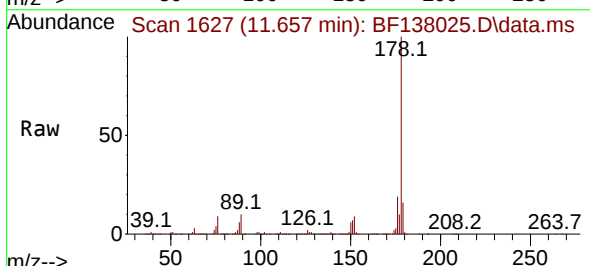
Tgt Ion:178 Resp: 1276066

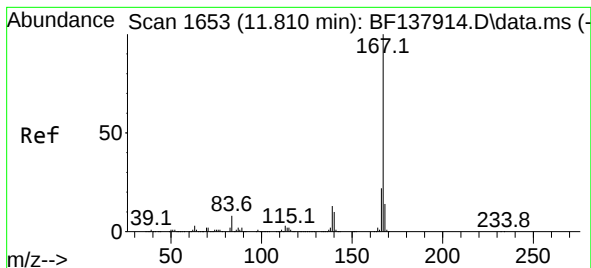
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.8 12.4 18.6





#73

Carbazole

Concen: 41.521 ng

RT: 11.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

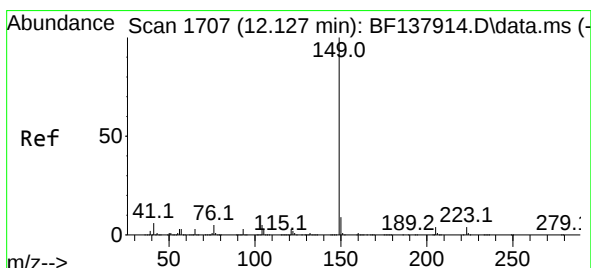
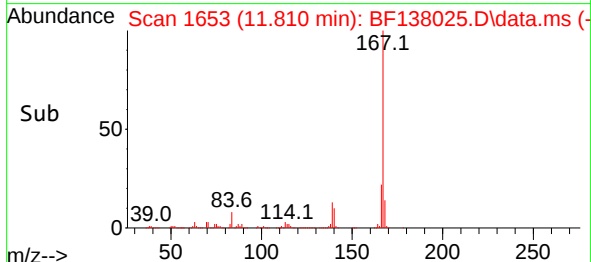
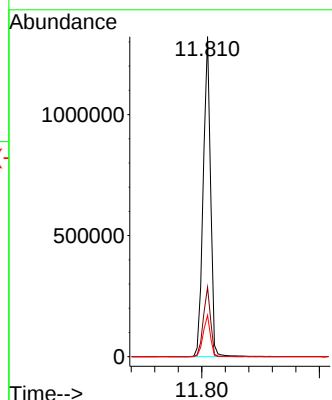
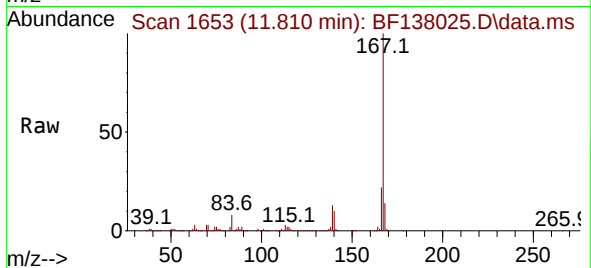
Tgt Ion:167 Resp: 1140496

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 45.443 ng

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

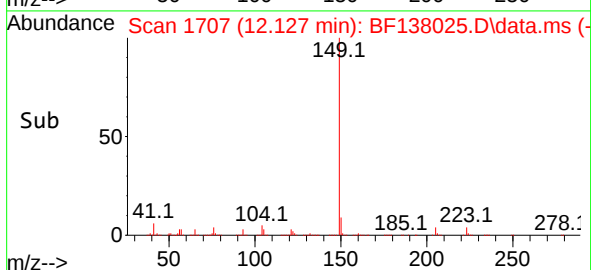
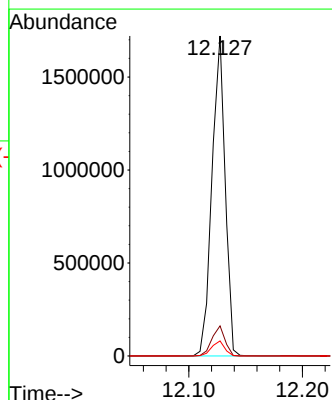
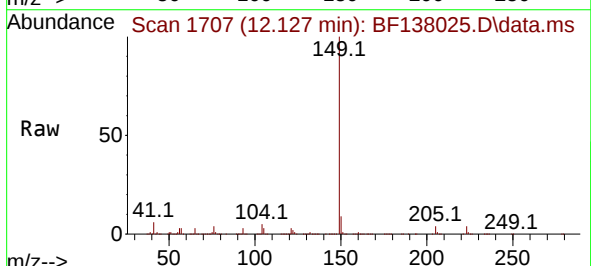
Tgt Ion:149 Resp: 1385252

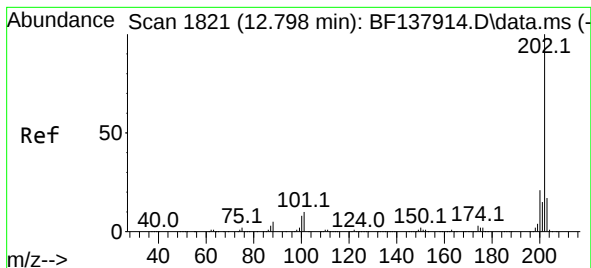
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 41.360 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

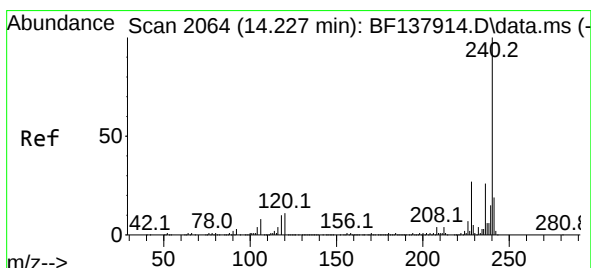
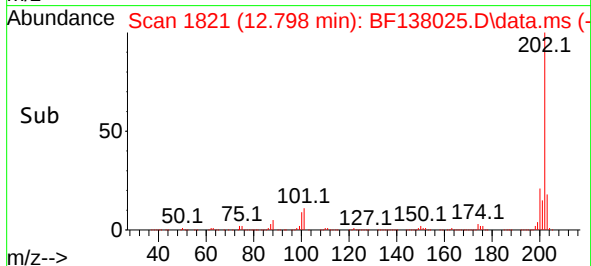
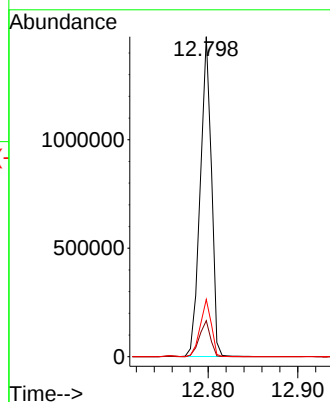
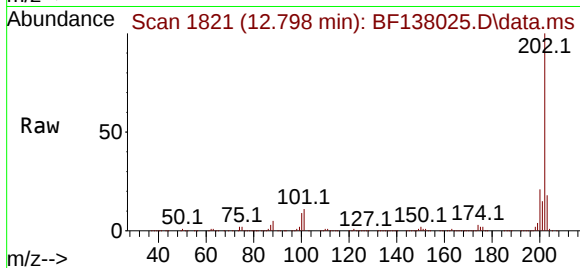
Tgt Ion:202 Resp: 1272293

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.5

203 17.9 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

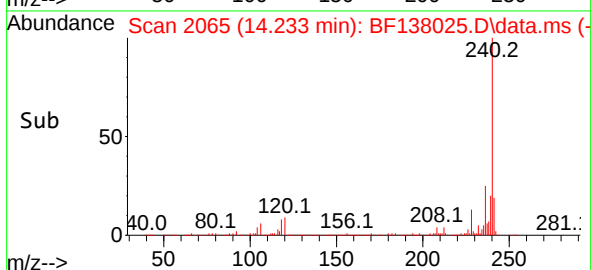
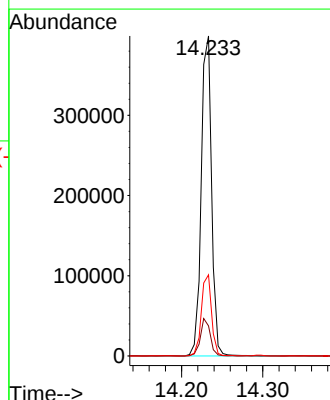
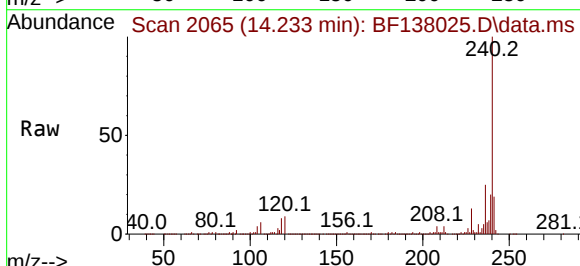
Tgt Ion:240 Resp: 354575

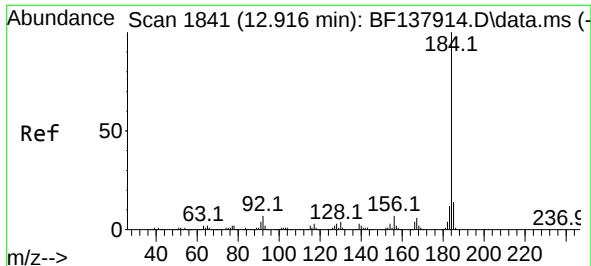
Ion Ratio Lower Upper

240 100

120 9.4 8.9 13.3

236 25.4 21.0 31.4

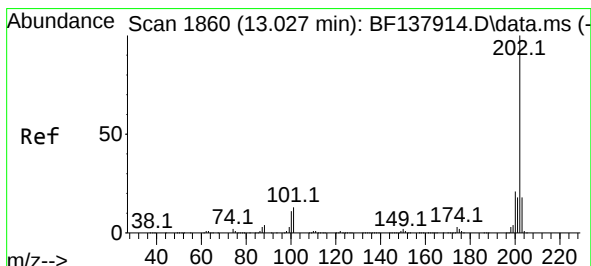
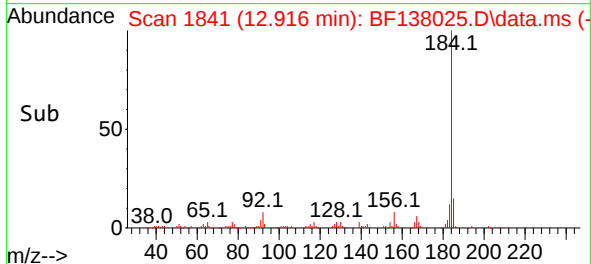
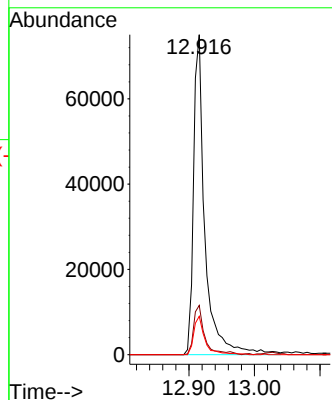
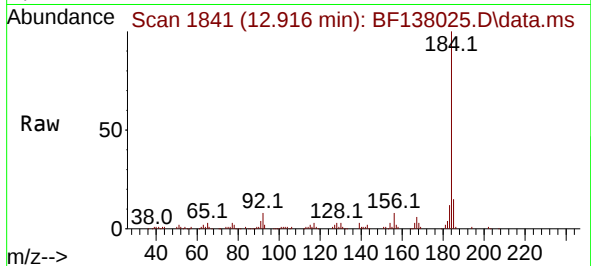




#77
Benzidine
Concen: 19.594 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

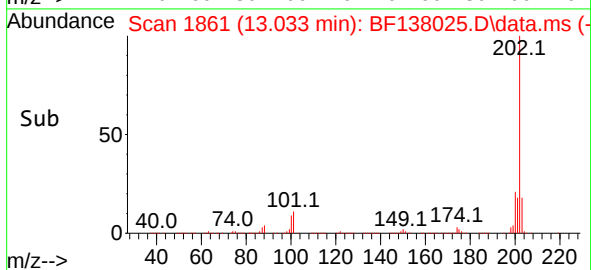
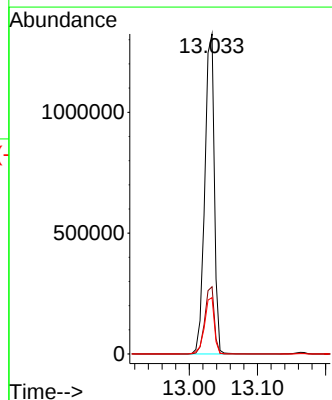
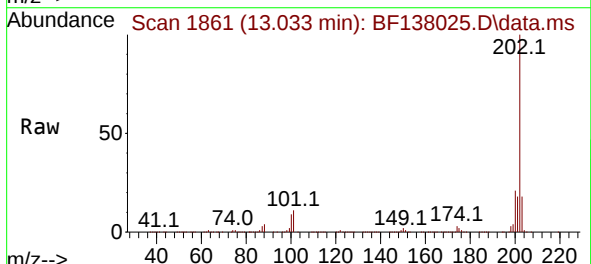
Instrument :
BNA_F
ClientSampleId :
PB161081BS

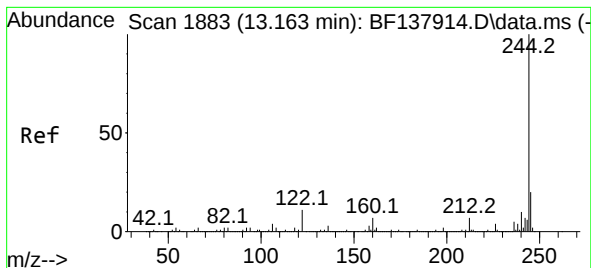
Tgt Ion:184 Resp: 90799
Ion Ratio Lower Upper
184 100
185 15.4 11.4 17.2
183 12.0 9.5 14.3



#78
Pyrene
Concen: 41.443 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:202 Resp: 1285266
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 80.369 ng

RT: 13.169 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

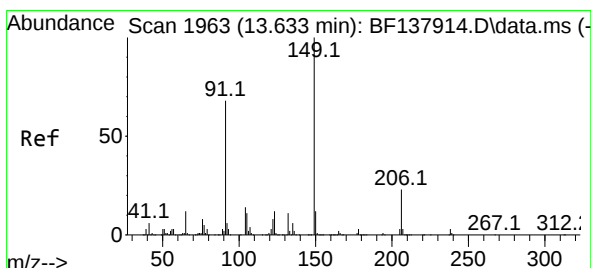
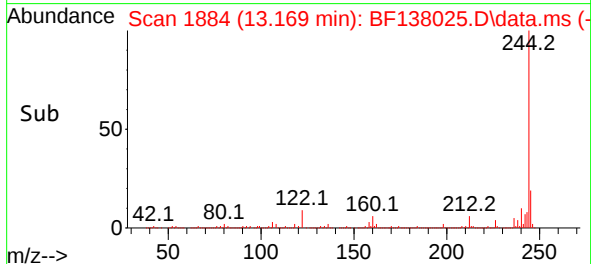
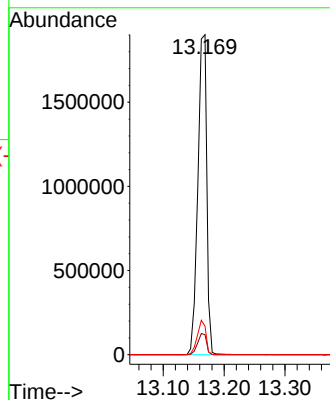
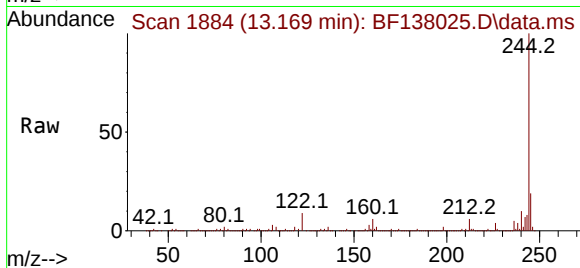
Tgt Ion:244 Resp: 1933559

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 8.9 8.8 13.2



#80

Butylbenzylphthalate

Concen: 50.685 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

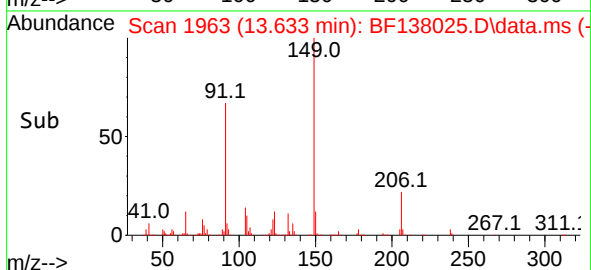
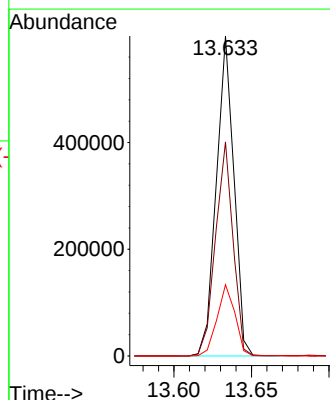
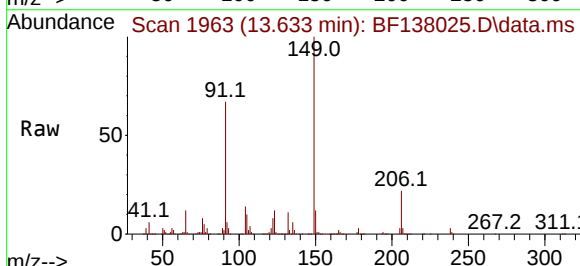
Tgt Ion:149 Resp: 474122

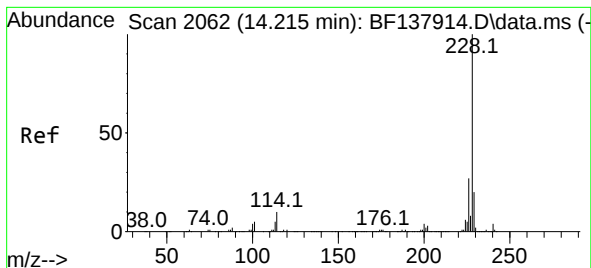
Ion Ratio Lower Upper

149 100

91 66.9 54.2 81.4

206 22.2 18.1 27.1





#81

Benzo(a)anthracene

Concen: 44.362 ng

RT: 14.221 min Scan# 2062

Delta R.T. 0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

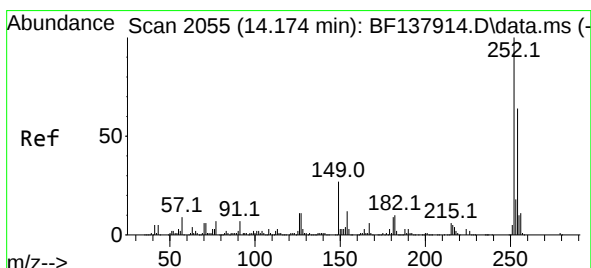
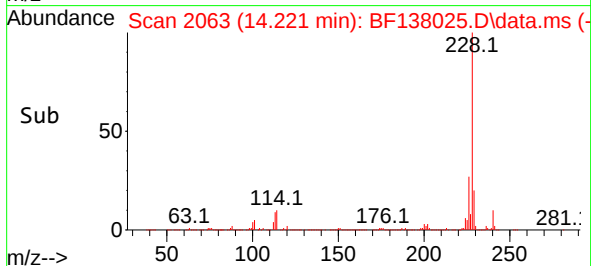
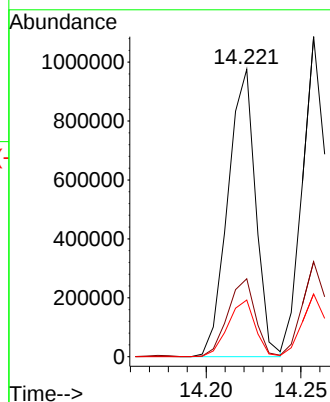
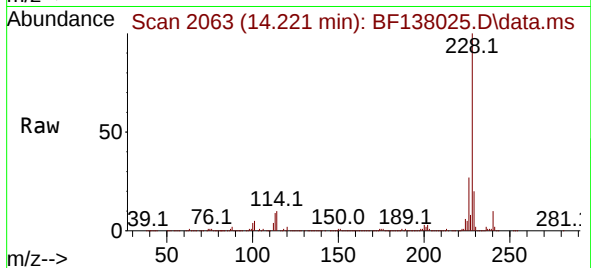
Tgt Ion:228 Resp: 995147

Ion Ratio Lower Upper

228 100

226 27.1 21.3 31.9

229 19.7 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 35.678 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

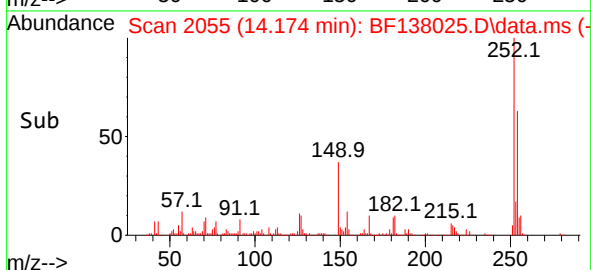
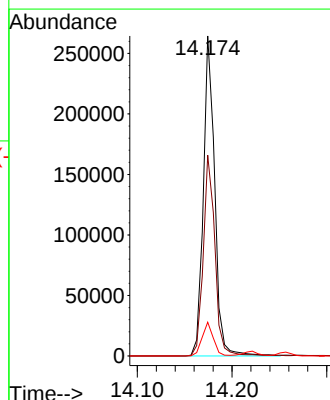
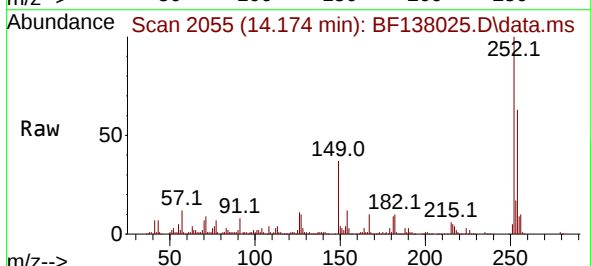
Tgt Ion:252 Resp: 221799

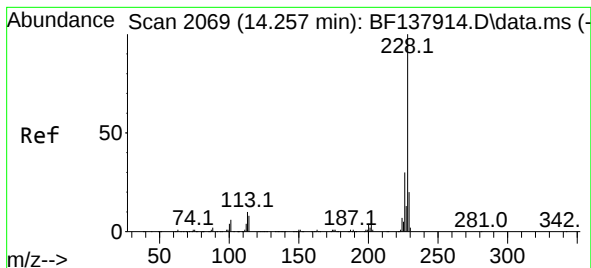
Ion Ratio Lower Upper

252 100

254 62.8 51.2 76.8

126 10.5 8.7 13.1





#83

Chrysene

Concen: 42.946 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

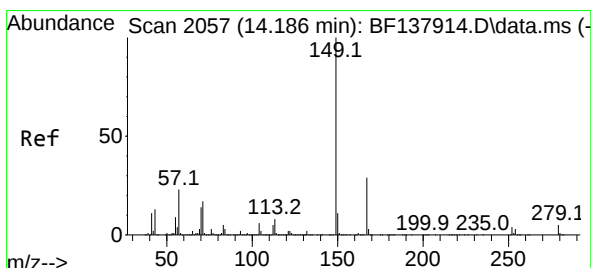
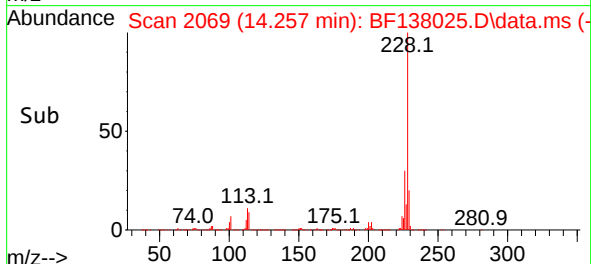
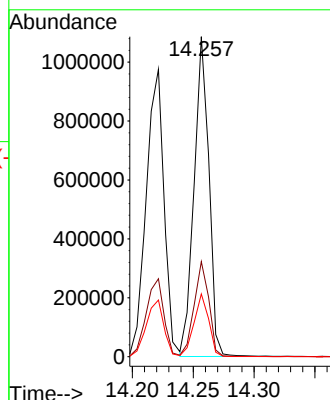
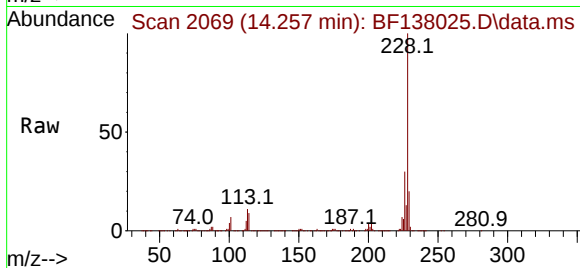
Tgt Ion:228 Resp: 921366

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.224 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

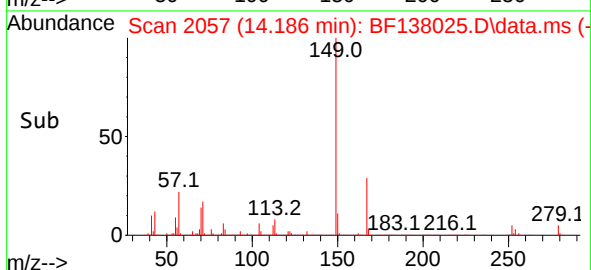
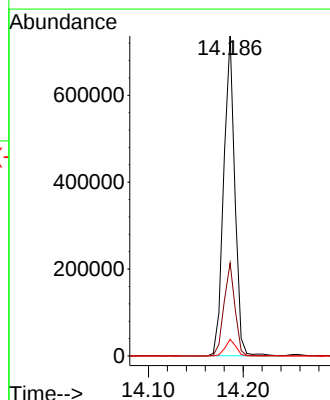
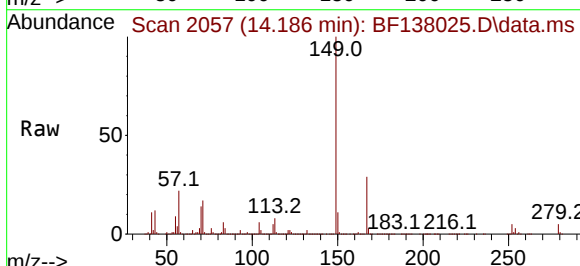
Tgt Ion:149 Resp: 602339

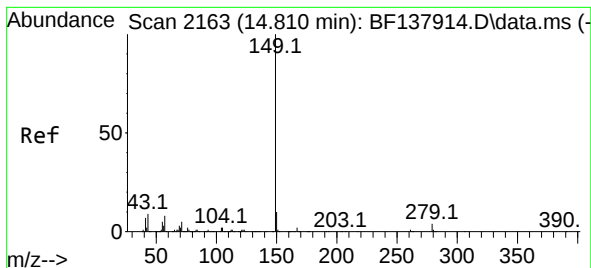
Ion Ratio Lower Upper

149 100

167 29.0 23.2 34.8

279 5.2 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 54.450 ng

RT: 14.815 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

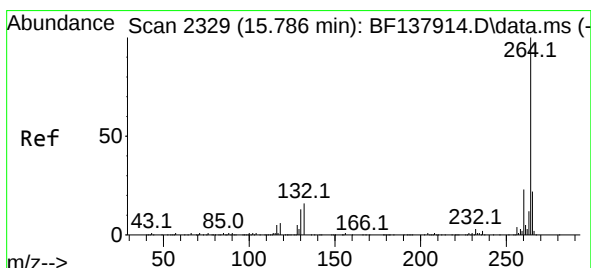
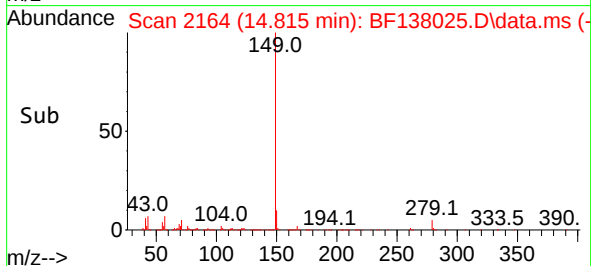
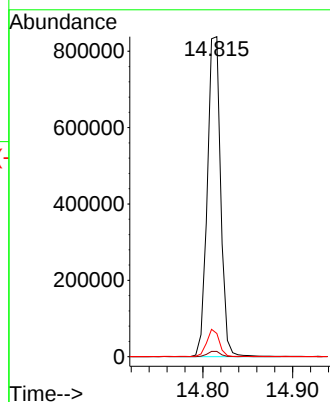
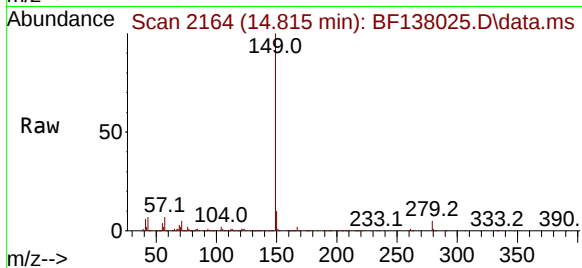
Tgt Ion:149 Resp: 864963

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 8.0 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

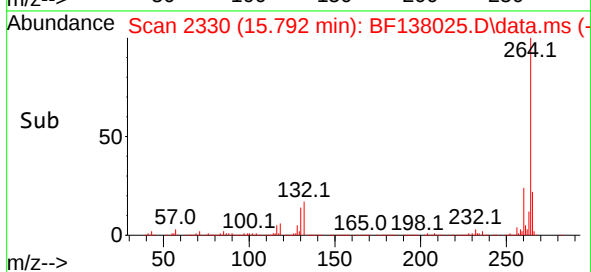
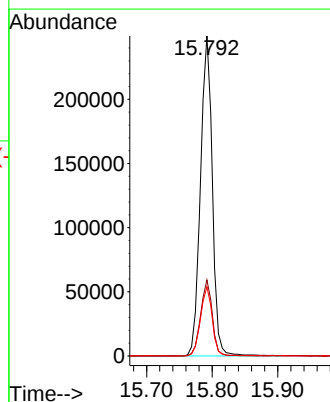
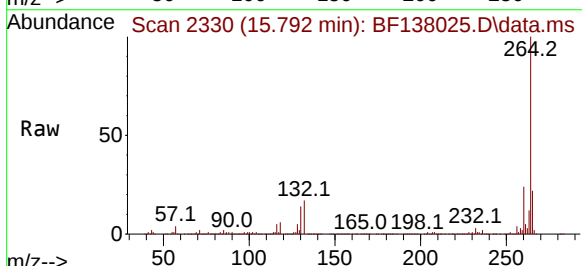
Tgt Ion:264 Resp: 314705

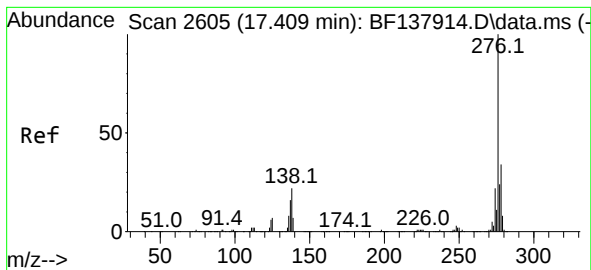
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.7 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.011 ng

RT: 17.427 min Scan# 2

Delta R.T. 0.018 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

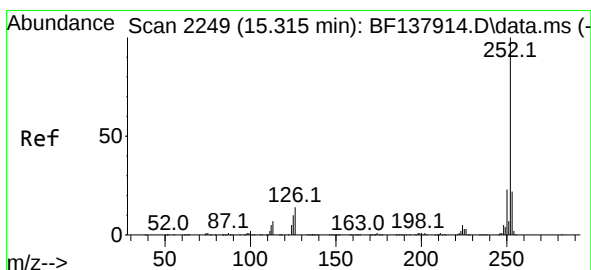
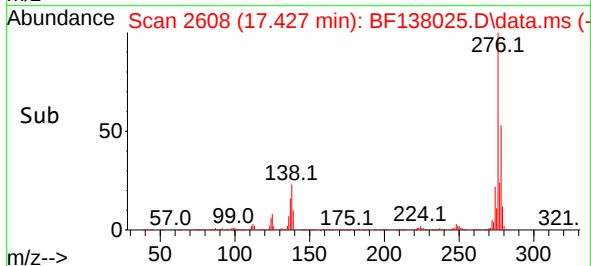
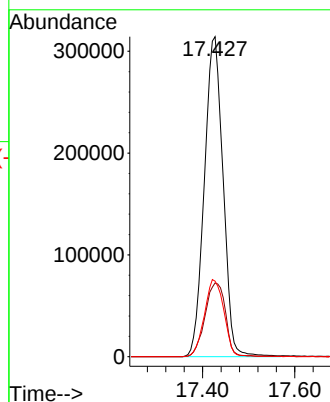
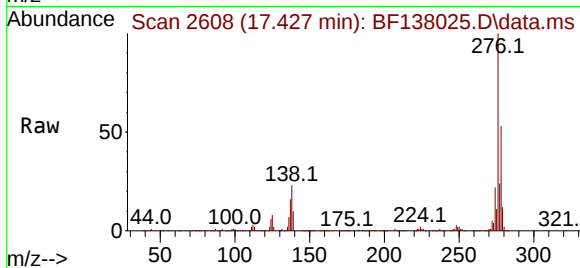
Tgt Ion:276 Resp: 889856

Ion Ratio Lower Upper

276 100

138 25.2 20.6 30.8

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.062 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

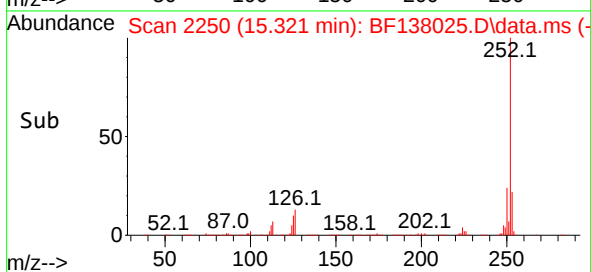
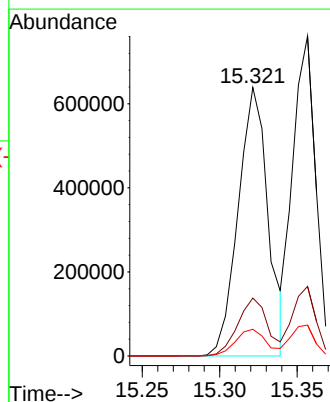
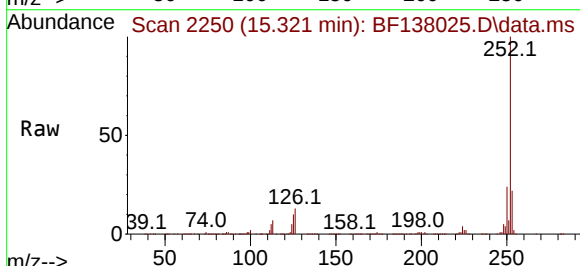
Tgt Ion:252 Resp: 857537

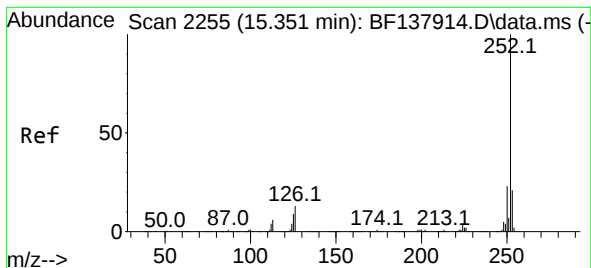
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 9.9 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 44.478 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

Instrument :

BNA_F

ClientSampleId :

PB161081BS

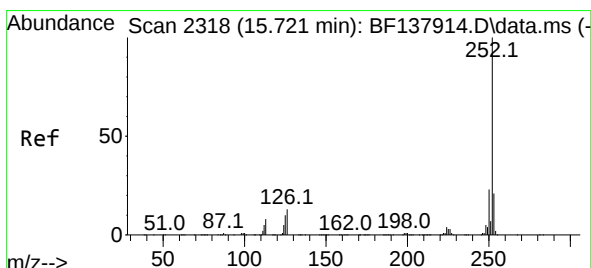
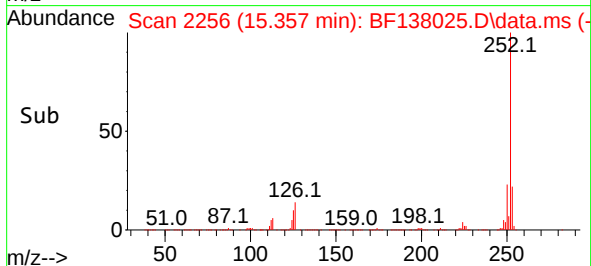
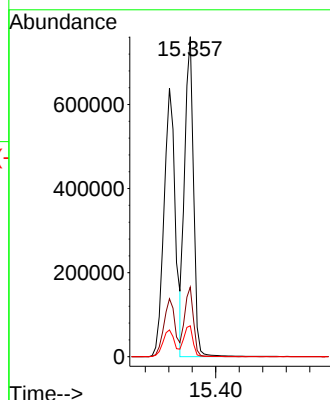
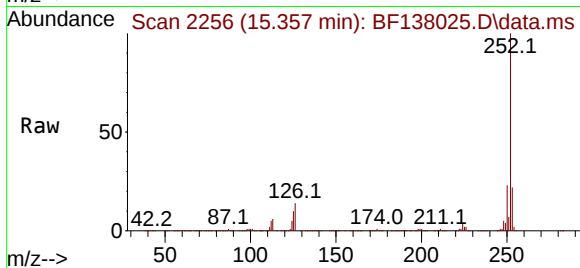
Tgt Ion:252 Resp: 796191

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.7 7.7 11.5



#90

Benzo(a)pyrene

Concen: 48.033 ng

RT: 15.727 min Scan# 2319

Delta R.T. 0.006 min

Lab File: BF138025.D

Acq: 23 May 2024 13:51

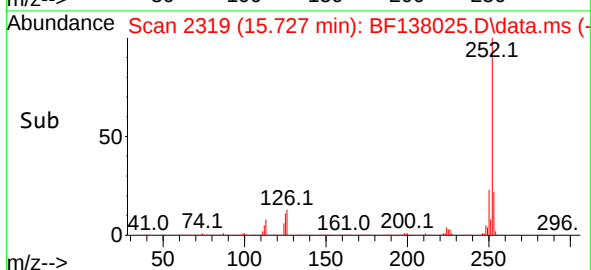
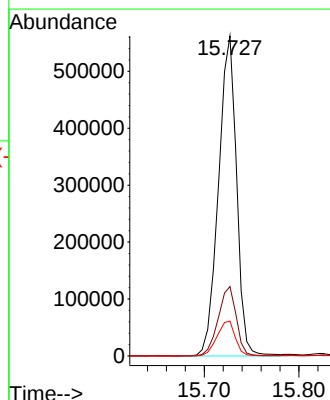
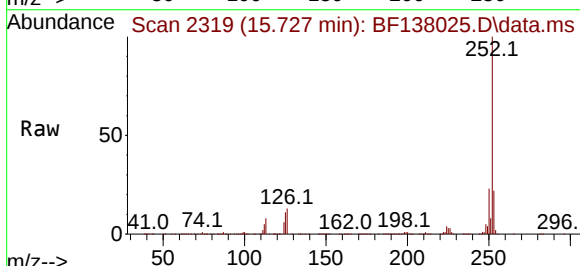
Tgt Ion:252 Resp: 747362

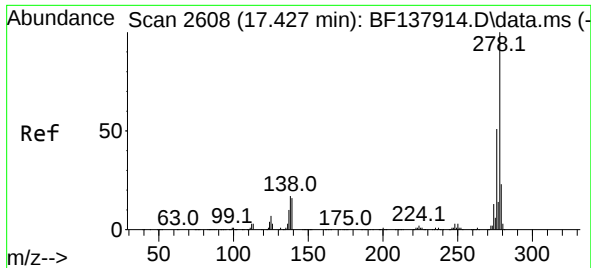
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 10.9 7.8 11.8

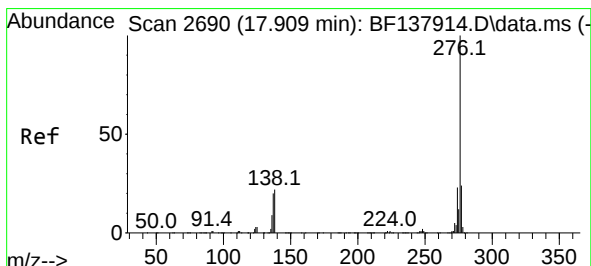
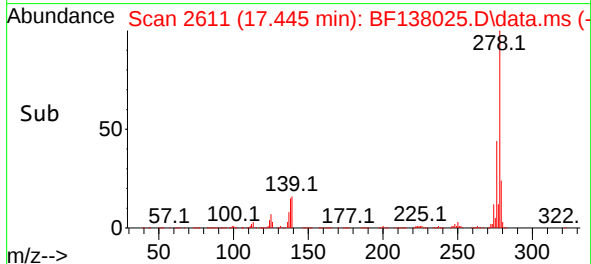
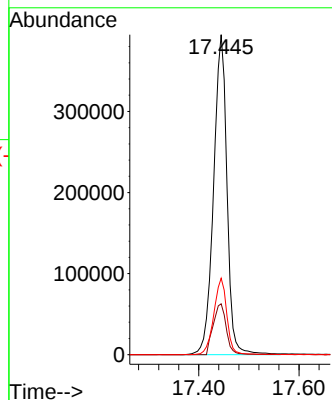
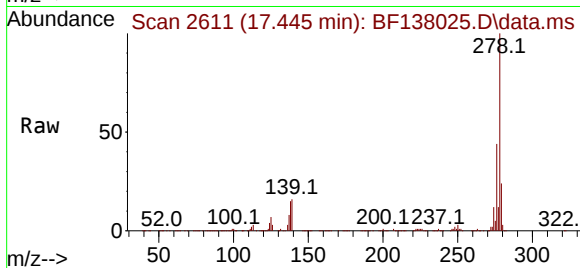




#91
Dibenzo(a,h)anthracene
Concen: 43.850 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.018 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Instrument :
BNA_F
ClientSampleId :
PB161081BS

Tgt Ion:278 Resp: 732527
Ion Ratio Lower Upper
278 100
139 15.9 13.1 19.7
279 23.9 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 39.273 ng
RT: 17.921 min Scan# 2692
Delta R.T. 0.012 min
Lab File: BF138025.D
Acq: 23 May 2024 13:51

Tgt Ion:276 Resp: 689194
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 21.8 17.6 26.4

