

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138937.D
 Acq On : 12 Aug 2024 16:46
 Operator : RC/JU
 Sample : P3394-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-105-SB02MS

Quant Time: Aug 12 17:09:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	38304	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	136036	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	57011	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	86117	20.000	ng	0.00
76) Chrysene-d12	14.004	240	74992	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	51648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	266335	107.333	ng	0.01
7) Phenol-d6	6.492	99	346548	104.021	ng	0.00
23) Nitrobenzene-d5	7.410	82	226293	81.330	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	48735	104.358	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	343647	90.567	ng	-0.01
79) Terphenyl-d14	12.939	244	308690	68.918	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	44438	40.905	ng	97
3) Pyridine	3.399	79	110000	41.799	ng	96
4) n-Nitrosodimethylamine	3.369	42	93765	59.824	ng	85
6) Aniline	6.510	93	87505	29.452	ng	# 15
8) 2-Chlorophenol	6.634	128	136733	52.374	ng	98
9) Benzaldehyde	6.398	77	6669	3.339	ng	86
10) Phenol	6.504	94	173900	49.577	ng	88
11) bis(2-Chloroethyl)ether	6.575	93	134679	49.894	ng	98
12) 1,3-Dichlorobenzene	6.781	146	147817	50.581	ng	97
13) 1,4-Dichlorobenzene	6.857	146	150820	51.139	ng	99
14) 1,2-Dichlorobenzene	7.010	146	139772	50.711	ng	98
15) Benzyl Alcohol	6.992	79	129880	54.090	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	231122	49.753	ng	53
17) 2-Methylphenol	7.110	107	106735	49.511	ng	# 83
18) Hexachloroethane	7.345	117	62521	56.318	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	106867	53.110	ng	96
20) 3+4-Methylphenols	7.263	107	139403	50.400	ng	# 76
22) Acetophenone	7.251	105	191774	57.575	ng	98
24) Nitrobenzene	7.428	77	154275	54.489	ng	99
25) Isophorone	7.663	82	267258	56.252	ng	97
26) 2-Nitrophenol	7.745	139	67876	55.722	ng	93
27) 2,4-Dimethylphenol	7.787	122	86558	59.391	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	160392	55.436	ng	98
29) 2,4-Dichlorophenol	7.992	162	98089	52.376	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	116963	54.118	ng	98
31) Naphthalene	8.145	128	389451	54.389	ng	100
32) Benzoic acid	7.928	122	38052	33.214	ng	# 84
33) 4-Chloroaniline	8.204	127	48782	20.295	ng	98
34) Hexachlorobutadiene	8.251	225	74008	56.535	ng	99
35) Caprolactam	8.569	113	25688	45.969	ng	96
36) 4-Chloro-3-methylphenol	8.692	107	97591	45.596	ng	100
37) 2-Methylnaphthalene	8.834	142	229288	50.702	ng	99
38) 1-Methylnaphthalene	8.934	142	205509	46.376	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	94618	59.745	ng	99
41) Hexachlorocyclopentadiene	8.981	237	22872	56.778	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	53968	55.891	ng	97

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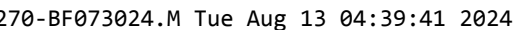
Instrument :
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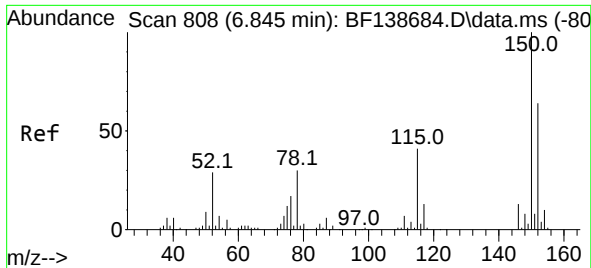
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	53394	50.582	ng	97
46) 1,1'-Biphenyl	9.298	154	255300	57.178	ng	98
47) 2-Chloronaphthalene	9.322	162	193457	58.257	ng	99
48) 2-Nitroaniline	9.428	65	66698	59.246	ng	96
49) Acenaphthylene	9.733	152	276905	58.793	ng	100
50) Dimethylphthalate	9.598	163	231356	63.466	ng	100
51) 2,6-Dinitrotoluene	9.669	165	45413	55.201	ng	92
52) Acenaphthene	9.910	154	166881	52.710	ng	99
53) 3-Nitroaniline	9.839	138	34354	40.394	ng	97
54) 2,4-Dinitrophenol	9.957	184	23992	63.352	ng #	82
55) Dibenzofuran	10.080	168	240383	53.787	ng	98
56) 4-Nitrophenol	10.022	139	39351	76.942	ng	88
57) 2,4-Dinitrotoluene	10.075	165	54280	51.714	ng #	78
58) Fluorene	10.422	166	184683	51.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	37161	46.047	ng	90
60) Diethylphthalate	10.292	149	204563	59.183	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	95421	54.515	ng	96
62) 4-Nitroaniline	10.451	138	36820	45.557	ng #	84
63) Azobenzene	10.575	77	199374	52.008	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	22814	43.423	ng	95
66) n-Nitrosodiphenylamine	10.533	169	152472	56.642	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	51221	54.936	ng	99
68) Hexachlorobenzene	10.969	284	51176	53.159	ng	99
69) Atrazine	11.057	200	46577	67.066	ng	98
70) Pentachlorophenol	11.175	266	38552	88.845	ng	99
71) Phenanthrene	11.386	178	252914	57.035	ng	100
72) Anthracene	11.439	178	264044	60.444	ng	99
73) Carbazole	11.598	167	229481	60.889	ng	98
74) Di-n-butylphthalate	11.916	149	294002	69.392	ng	99
75) Fluoranthene	12.574	202	293133	70.810	ng	98
77) Benzidine	12.698	184	29235	16.299	ng	97
78) Pyrene	12.804	202	304343	43.104	ng	100
80) Butylbenzylphthalate	13.410	149	138421	61.220	ng	99
81) Benzo(a)anthracene	13.992	228	281260	54.464	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	58819	44.509	ng	98
83) Chrysene	14.027	228	254994	54.731	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	205585	62.093	ng	99
85) Di-n-octyl phthalate	14.574	149	314969	51.417	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	168152	45.431	ng	96
88) Benzo(b)fluoranthene	15.039	252	189109	59.066	ng	99
89) Benzo(k)fluoranthene	15.068	252	189389	68.321	ng	98
90) Benzo(a)pyrene	15.404	252	161723	60.052	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	138544	45.599	ng	97
92) Benzo(g,h,i)perylene	17.386	276	124732	39.562	ng	97

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

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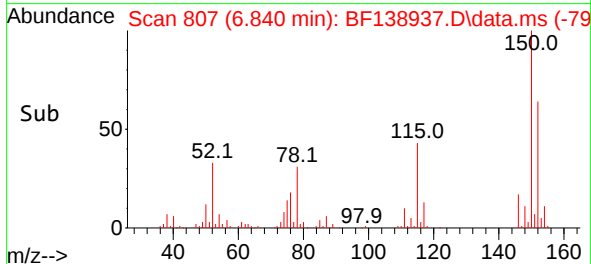
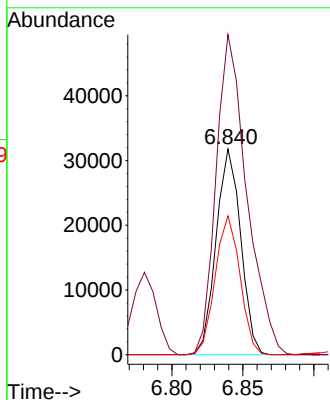
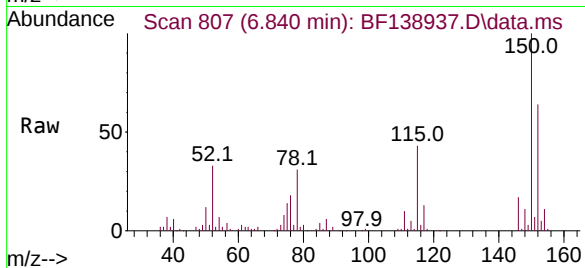




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138937.D
 Acq: 12 Aug 2024 16:46

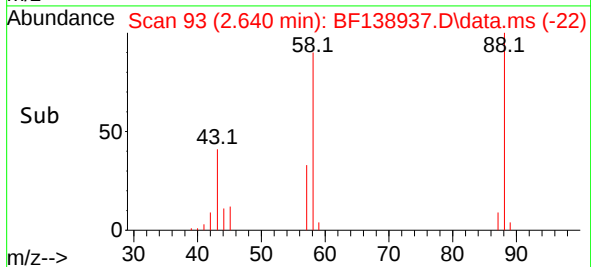
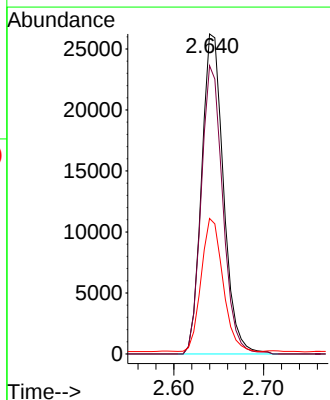
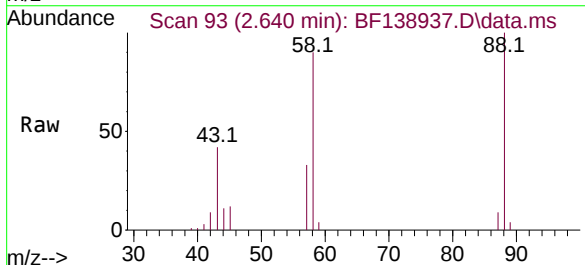
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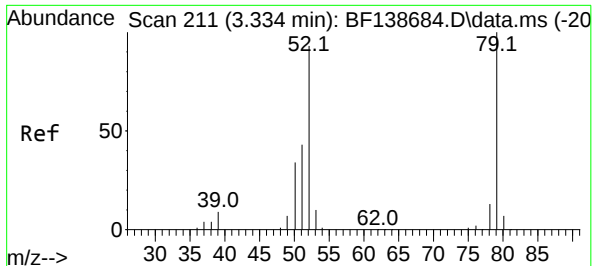
Tgt Ion:152 Resp: 38304
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.0 189.0
 115 67.5 51.7 77.5



#2
 1,4-Dioxane
 Concen: 40.905 ng
 RT: 2.640 min Scan# 93
 Delta R.T. 0.065 min
 Lab File: BF138937.D
 Acq: 12 Aug 2024 16:46

Tgt Ion: 88 Resp: 44438
 Ion Ratio Lower Upper
 88 100
 58 88.5 71.6 107.4
 43 41.1 28.7 43.1

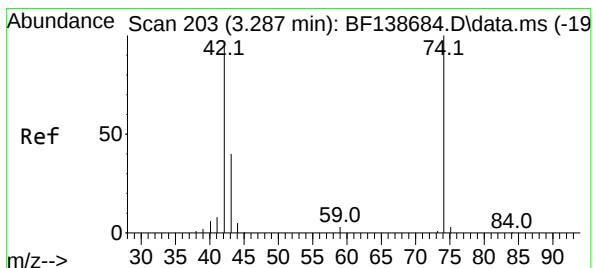
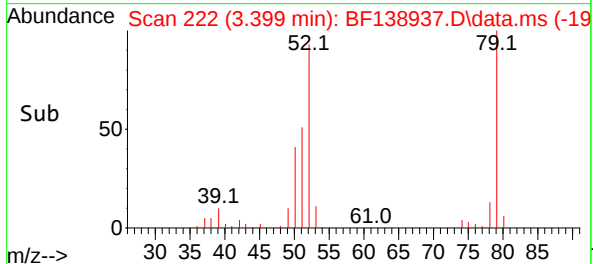
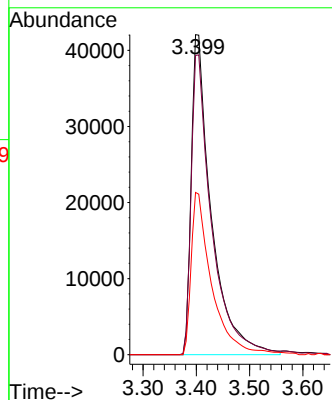
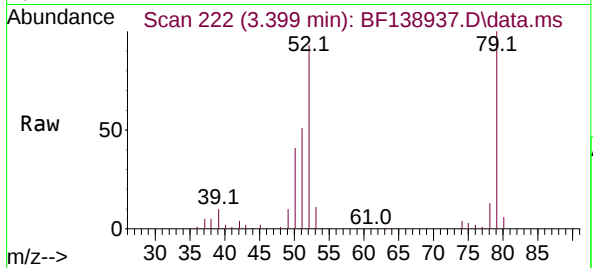




#3
Pyridine
Concen: 41.799 ng
RT: 3.399 min Scan# 217
Delta R.T. 0.065 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

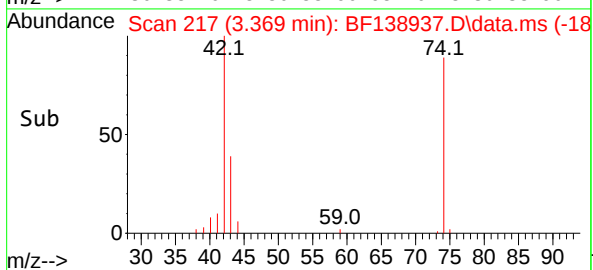
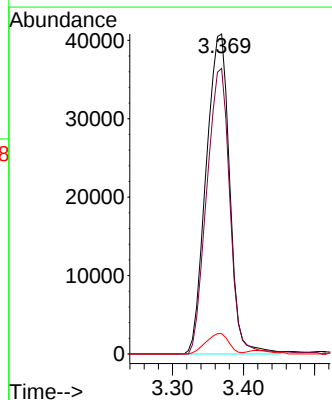
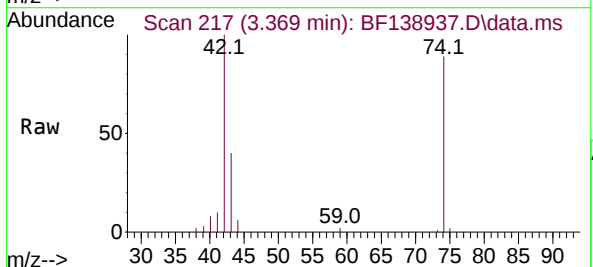
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

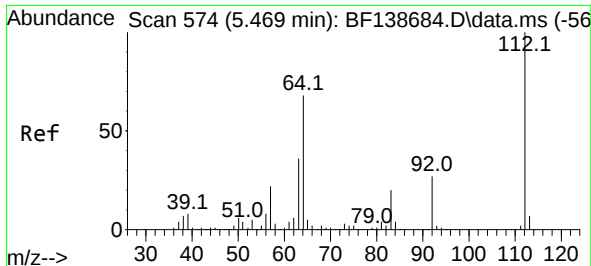
Tgt Ion: 79 Resp: 110000
Ion Ratio Lower Upper
79 100
52 93.5 74.7 112.1
51 50.7 34.6 51.8



#4
n-Nitrosodimethylamine
Concen: 59.824 ng
RT: 3.369 min Scan# 217
Delta R.T. 0.082 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion: 42 Resp: 93765
Ion Ratio Lower Upper
42 100
74 89.2 84.2 126.4
44 6.3 4.9 7.3

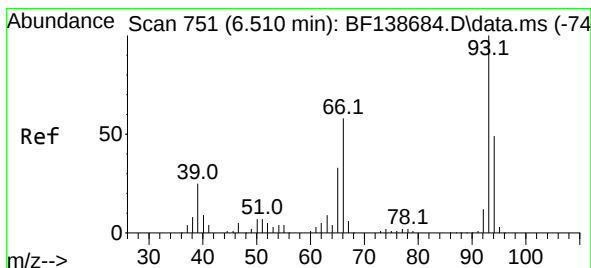
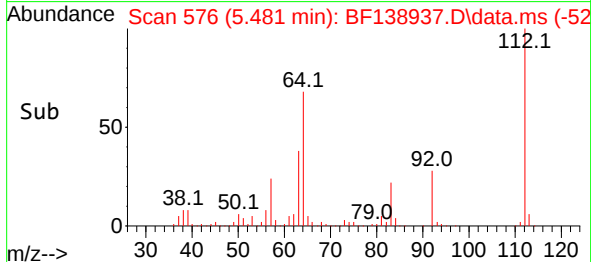
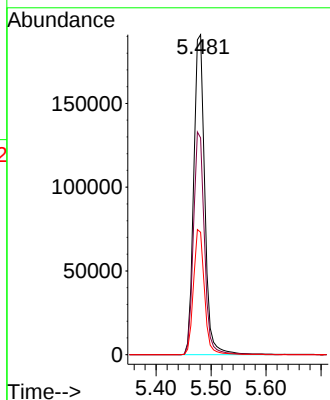
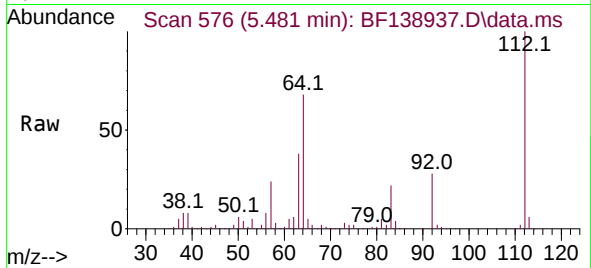




#5
2-Fluorophenol
Concen: 107.333 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

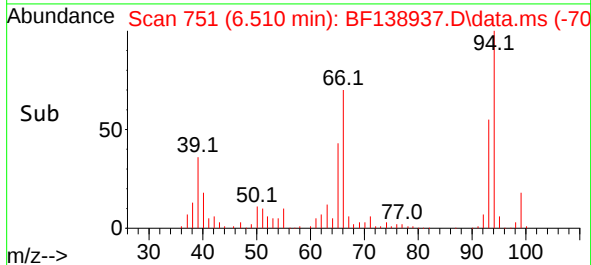
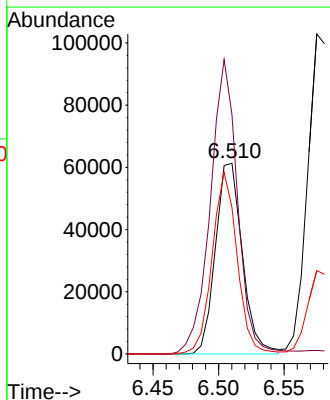
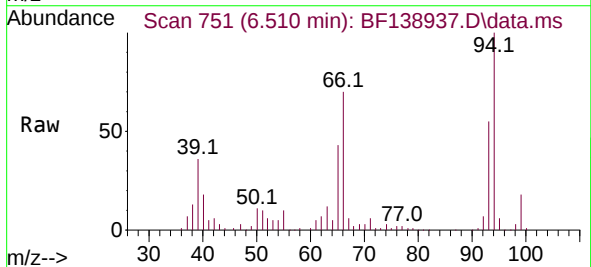
Instrument :
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Tgt Ion:112 Resp: 266335
Ion Ratio Lower Upper
112 100
64 67.8 54.2 81.4
63 38.3 28.7 43.1



#6
Aniline
Concen: 29.452 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion: 93 Resp: 87505
Ion Ratio Lower Upper
93 100
66 125.5 46.9 70.3#
65 76.9 26.5 39.7#

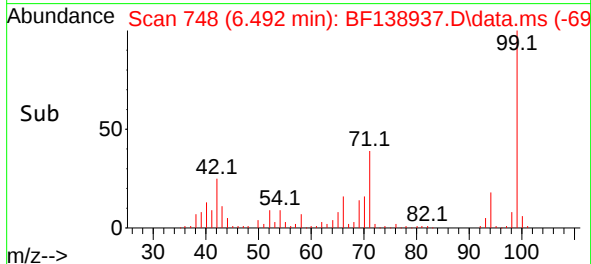
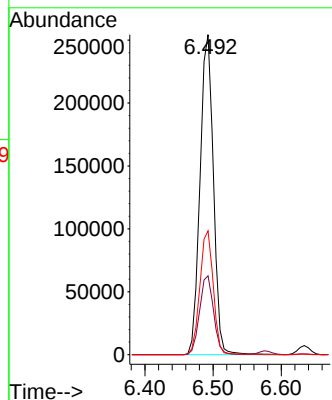
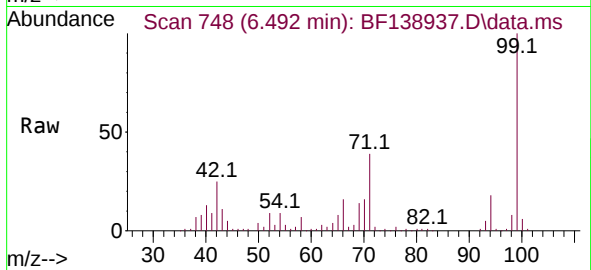




#7
Phenol-d6
Concen: 104.021 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

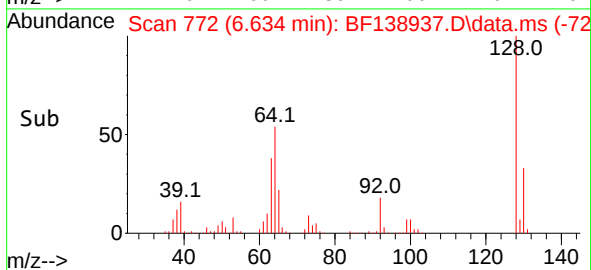
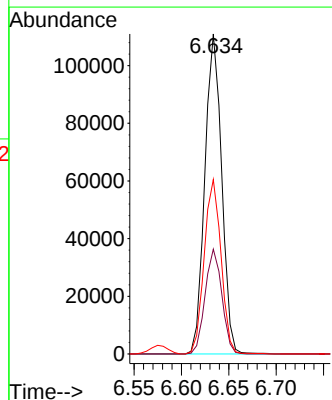
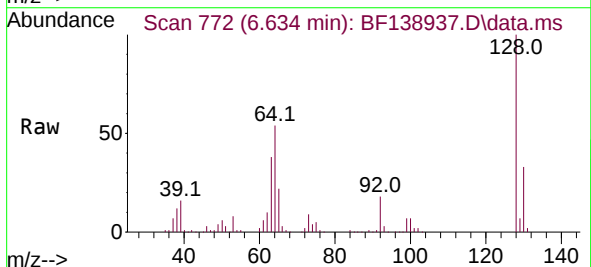
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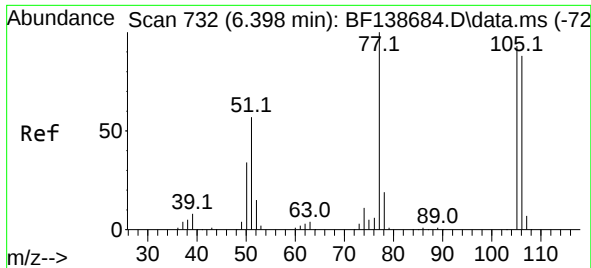
Tgt Ion: 99 Resp: 346548
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 38.7 28.1 42.1



#8
2-Chlorophenol
Concen: 52.374 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:128 Resp: 136733
Ion Ratio Lower Upper
128 100
130 32.7 12.0 52.0
64 54.5 36.3 76.3





#9

Benzaldehyde

Concen: 3.339 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

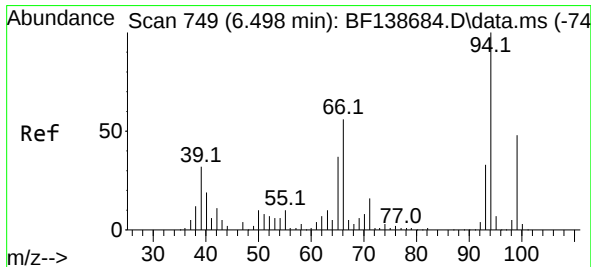
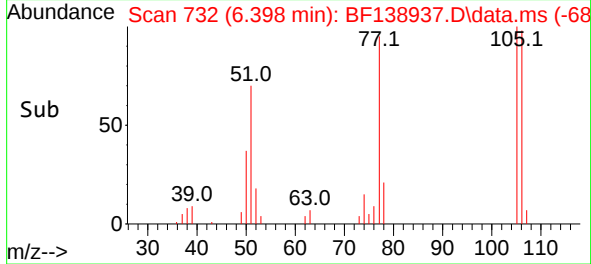
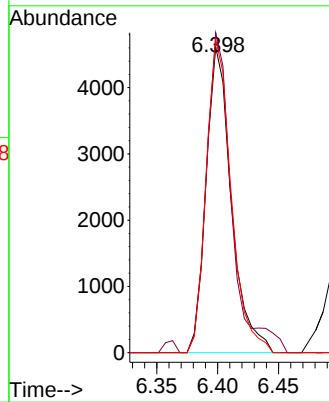
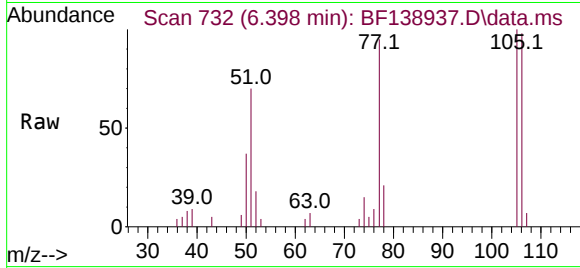
Tgt Ion: 77 Resp: 6669

Ion Ratio Lower Upper

77 100

105 104.7 72.9 112.9

106 102.5 68.4 108.4



#10

Phenol

Concen: 49.577 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

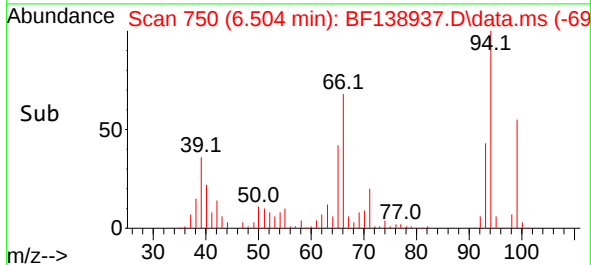
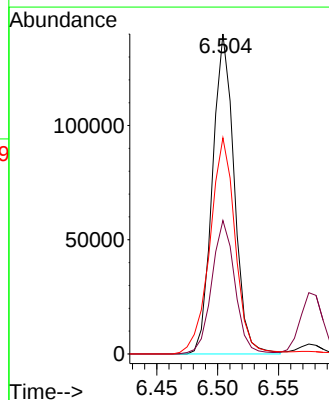
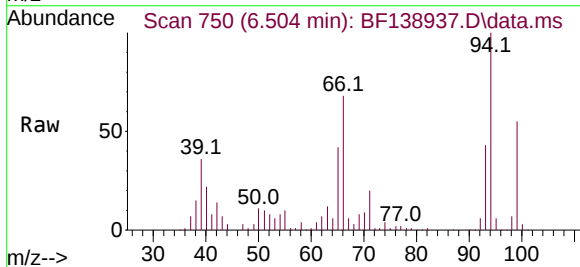
Tgt Ion: 94 Resp: 173900

Ion Ratio Lower Upper

94 100

65 41.7 16.9 56.9

66 67.6 36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 49.894 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.012 min

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Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

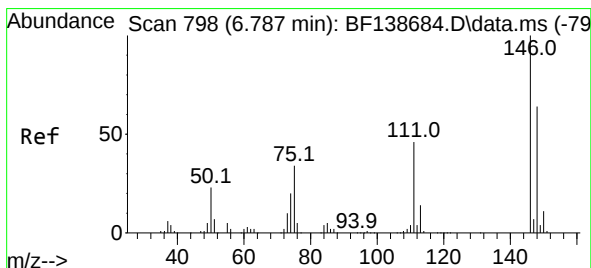
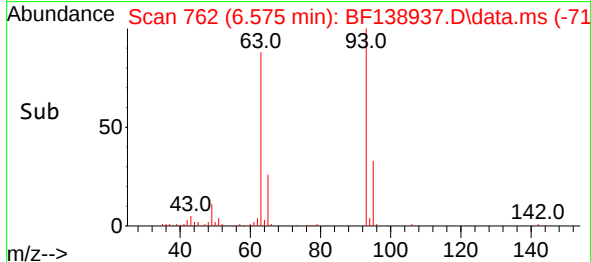
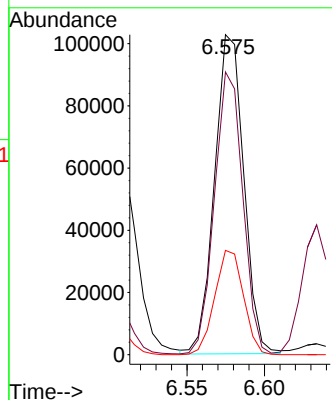
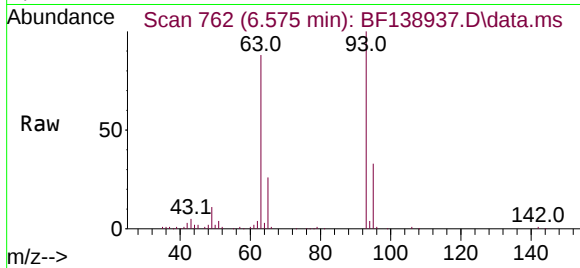
Tgt Ion: 93 Resp: 134679

Ion Ratio Lower Upper

93 100

63 88.3 65.3 105.3

95 32.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 50.581 ng

RT: 6.781 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

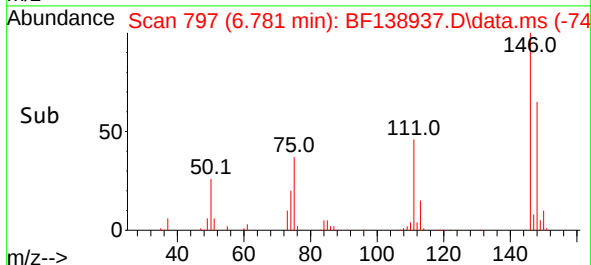
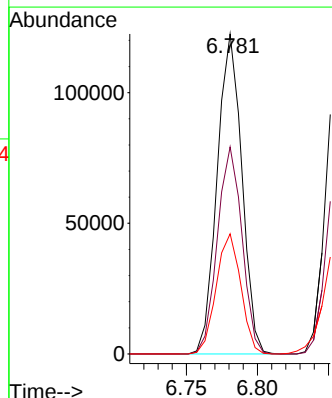
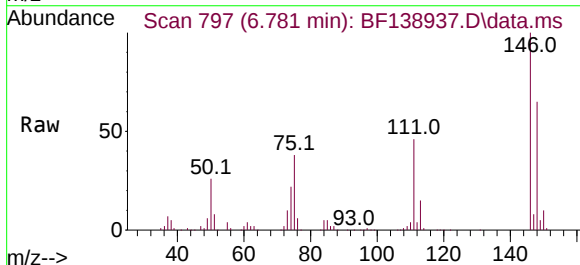
Tgt Ion:146 Resp: 147817

Ion Ratio Lower Upper

146 100

148 64.7 51.2 76.8

75 37.6 27.4 41.2

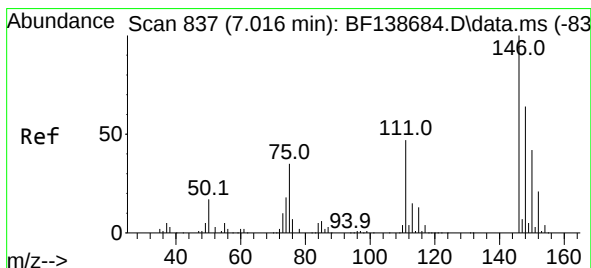
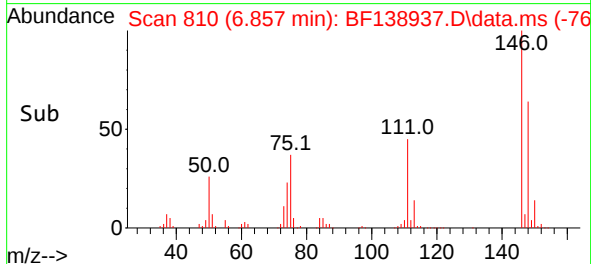
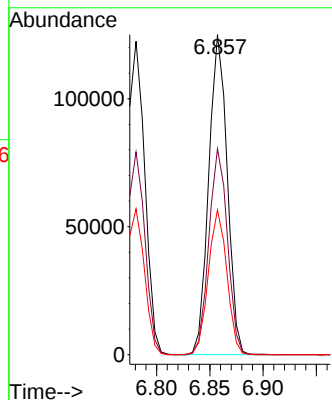
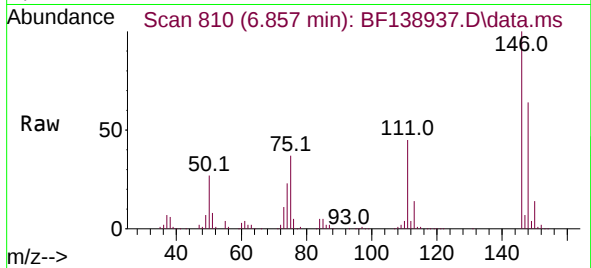




#13
1,4-Dichlorobenzene
Concen: 51.139 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

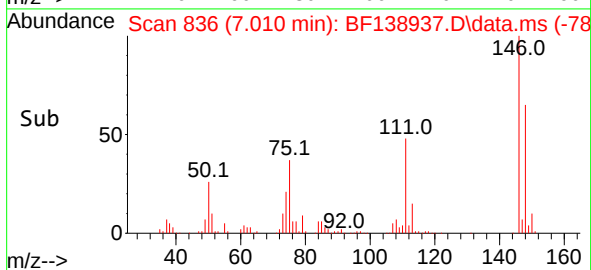
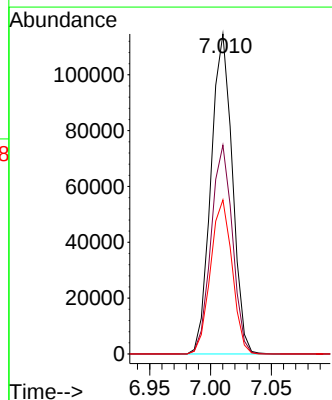
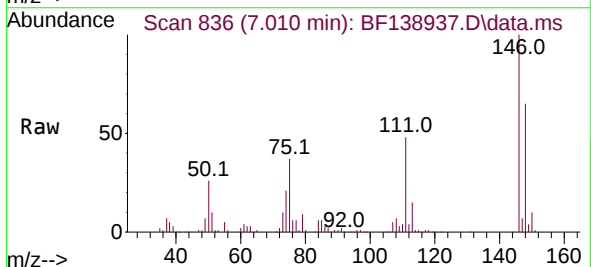
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion:146 Resp: 150820
Ion Ratio Lower Upper
146 100
148 64.4 50.2 75.2
111 45.3 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 50.711 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:146 Resp: 139772
Ion Ratio Lower Upper
146 100
148 65.3 50.8 76.2
111 48.2 37.4 56.2

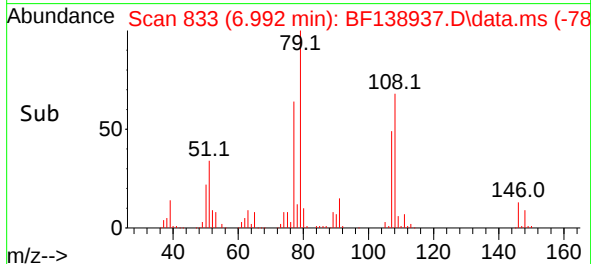
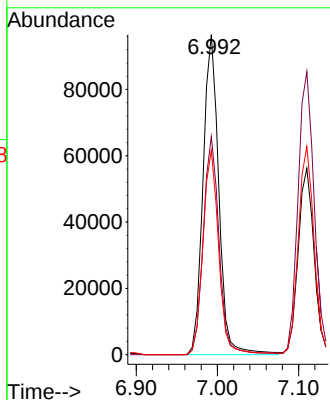
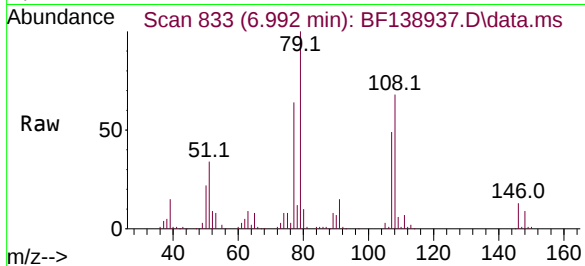




#15
Benzyl Alcohol
Concen: 54.090 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

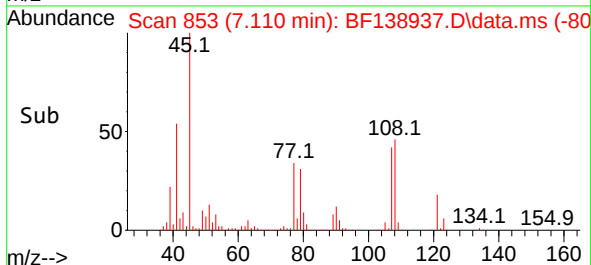
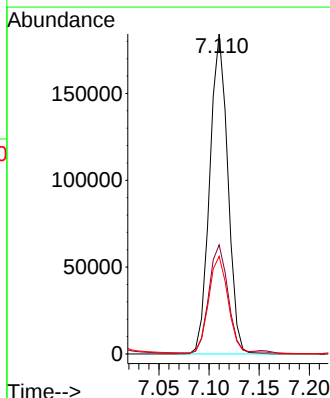
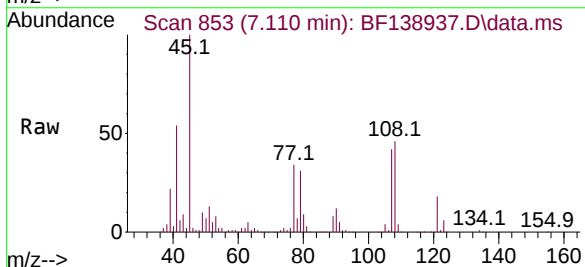
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

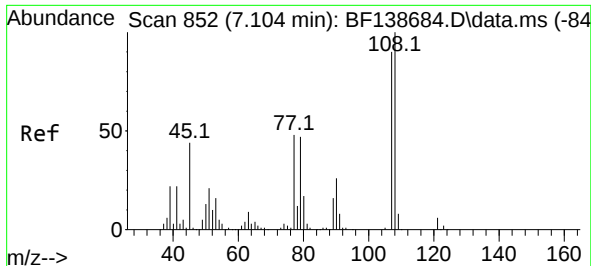
Tgt Ion: 79 Resp: 129880
Ion Ratio Lower Upper
79 100
108 68.2 56.6 85.0
77 63.8 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.753 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion: 45 Resp: 231122
Ion Ratio Lower Upper
45 100
77 34.1 0.0 34.9
79 30.5 0.0 32.2

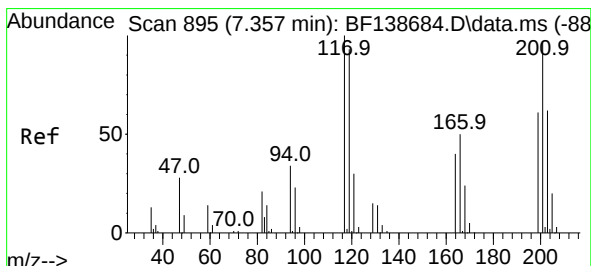
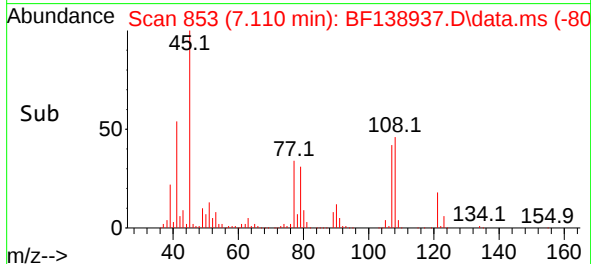
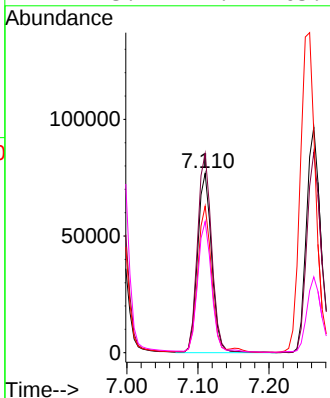
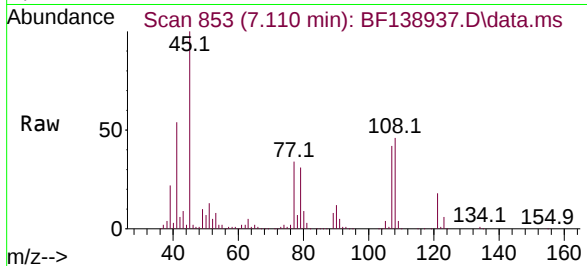




#17
2-Methylphenol
Concen: 49.511 ng
RT: 7.110 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

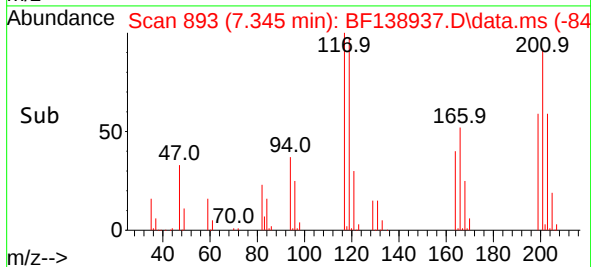
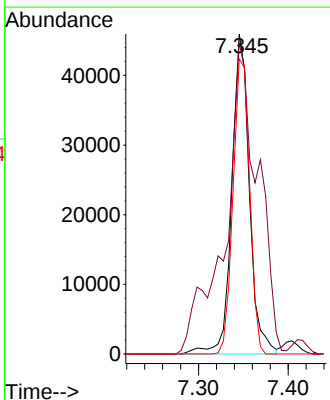
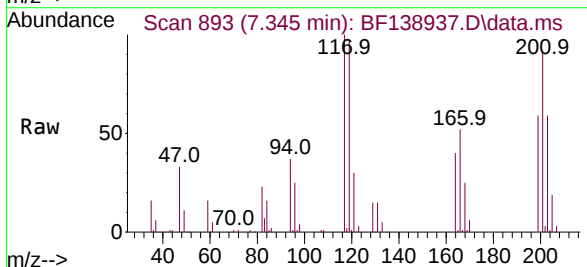
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion:107 Resp: 106735
Ion Ratio Lower Upper
107 100
108 111.0 89.2 133.8
77 81.7 43.0 64.4#
79 73.1 42.2 63.2#



#18
Hexachloroethane
Concen: 56.318 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:117 Resp: 62521
Ion Ratio Lower Upper
117 100
119 97.2 74.6 111.8
201 92.2 77.2 115.8

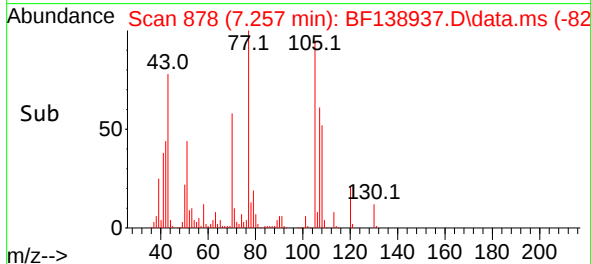
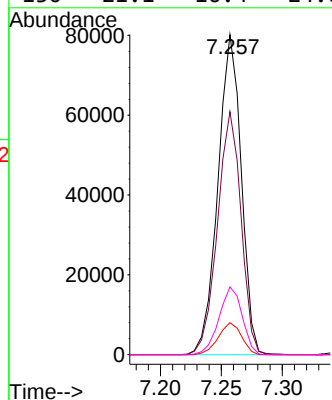
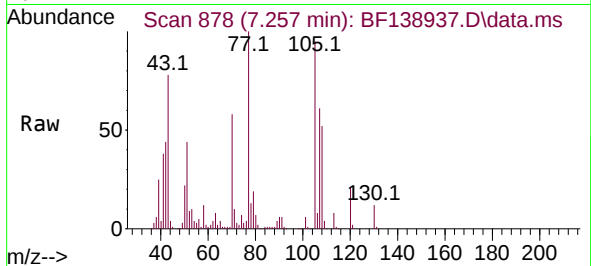




#19
n-Nitroso-di-n-propylamine
Concen: 53.110 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

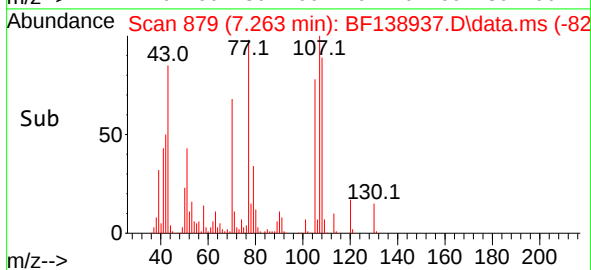
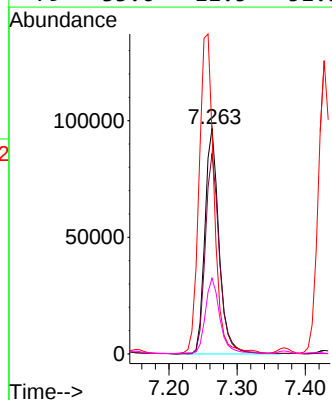
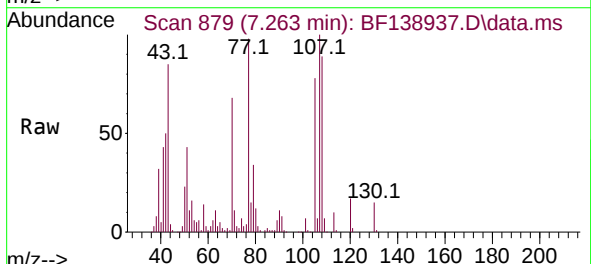
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

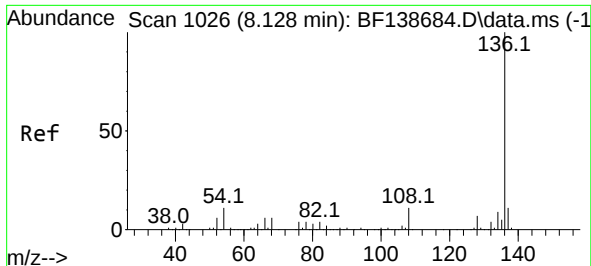
Tgt Ion: 70 Resp: 106867
Ion Ratio Lower Upper
70 100
42 76.0 57.4 86.0
101 10.0 7.5 11.3
130 21.1 16.4 24.6



#20
3+4-Methylphenols
Concen: 50.400 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:107 Resp: 139403
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 97.7 132.1 172.1#
79 33.6 11.5 51.5



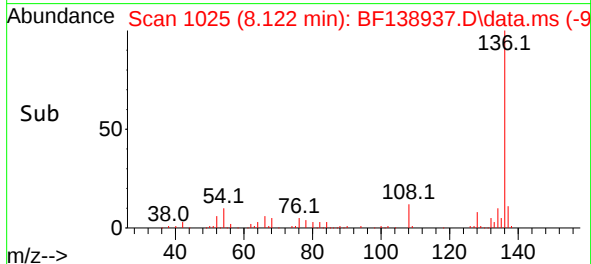
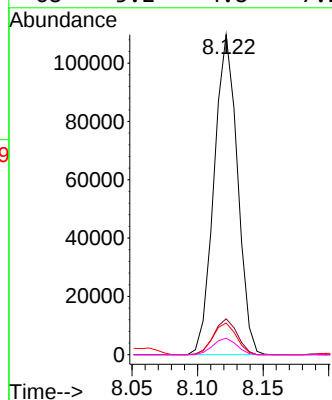
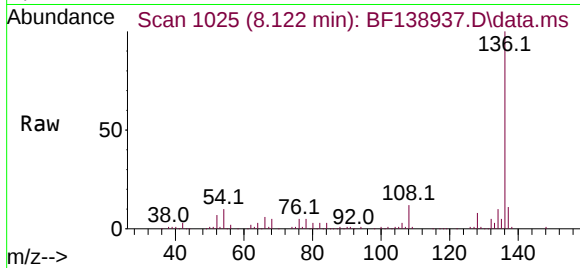


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion:136 Resp: 136036

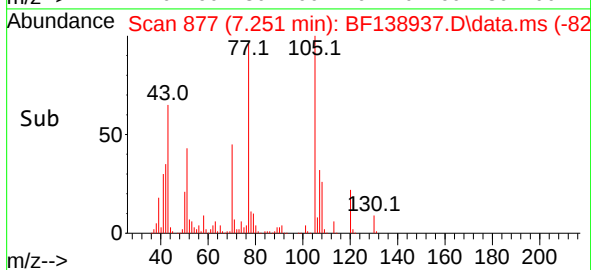
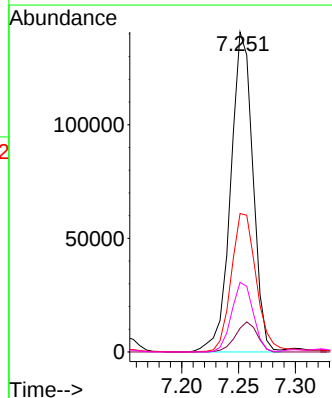
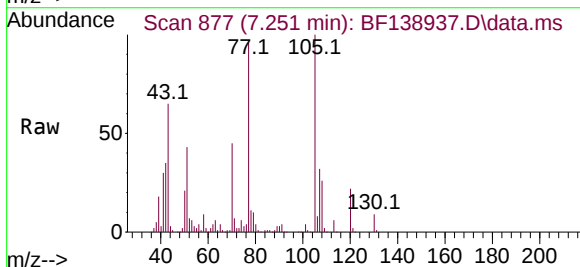
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	8.6	12.8
68	5.2	4.8	7.2

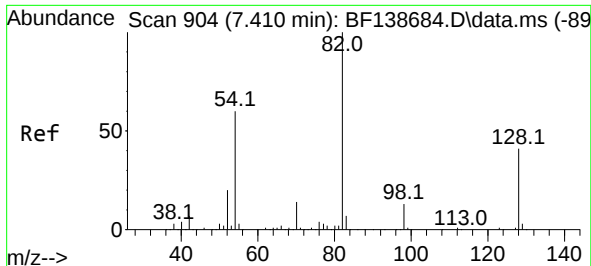


#22
Acetophenone
Concen: 57.575 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:105 Resp: 191774

Ion	Ratio	Lower	Upper
105	100		
71	7.4	7.2	10.8
51	43.2	35.9	53.9
120	21.7	17.6	26.4





#23

Nitrobenzene-d5

Concen: 81.330 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

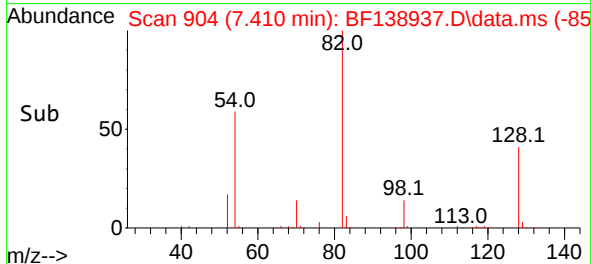
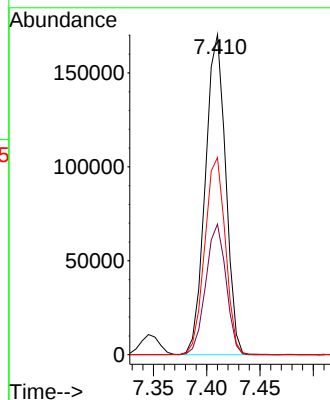
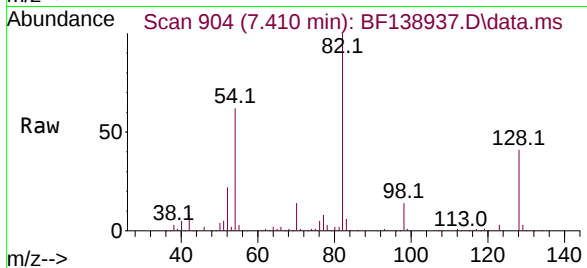
Tgt Ion: 82 Resp: 226293

Ion Ratio Lower Upper

82 100

128 40.8 32.8 49.2

54 61.6 48.3 72.5



#24

Nitrobenzene

Concen: 54.489 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

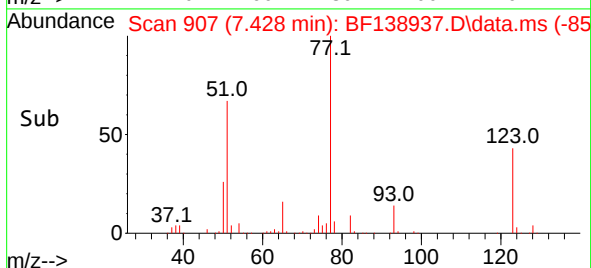
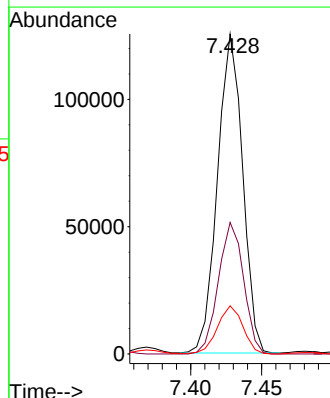
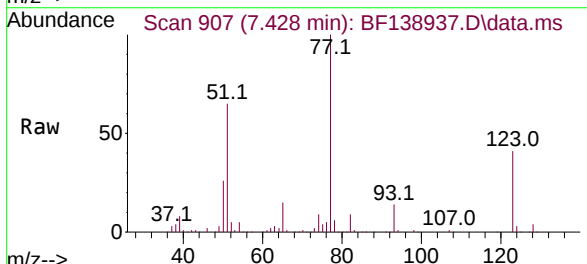
Tgt Ion: 77 Resp: 154275

Ion Ratio Lower Upper

77 100

123 41.1 33.3 49.9

65 15.0 11.9 17.9

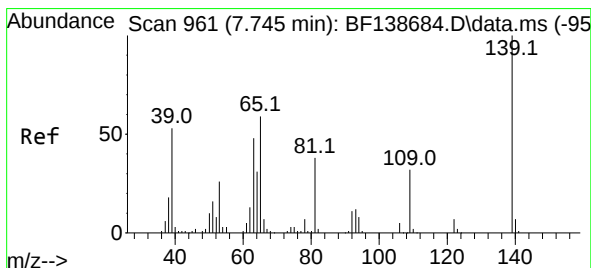
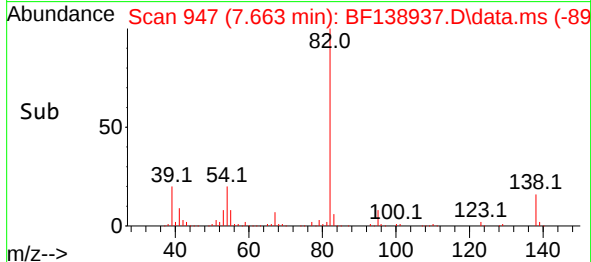
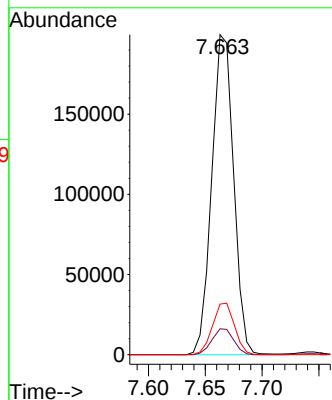
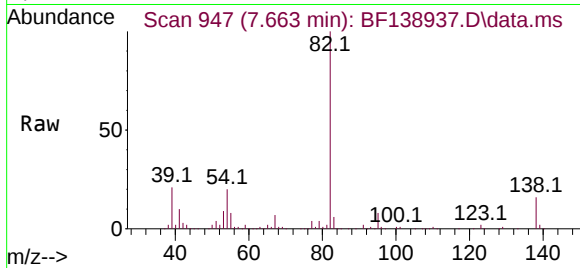




#25
Isophorone
Concen: 56.252 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

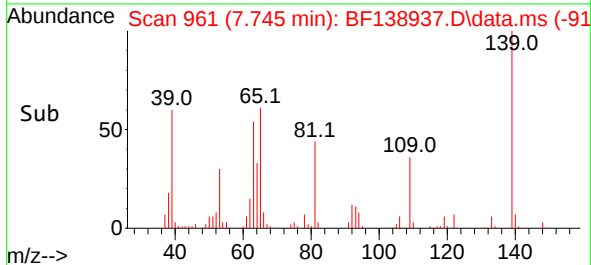
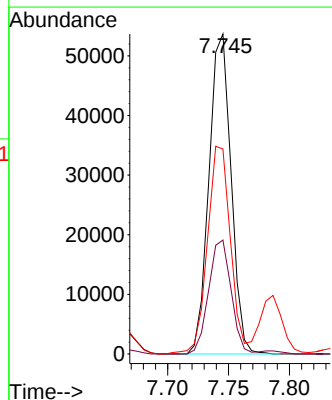
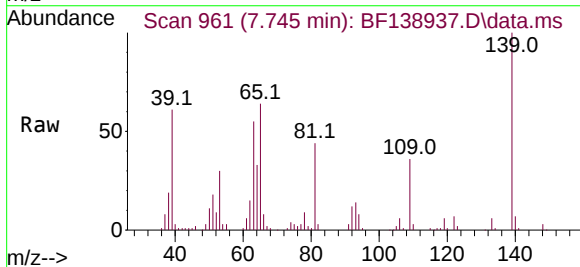
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

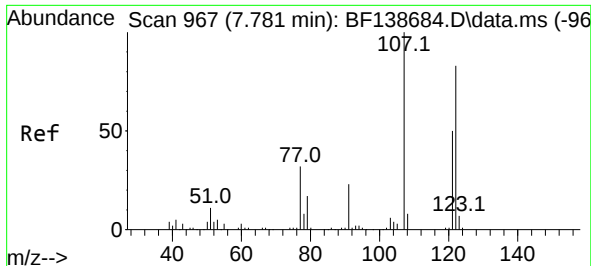
Tgt Ion: 82 Resp: 267258
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 15.8 13.7 20.5



#26
2-Nitrophenol
Concen: 55.722 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion: 139 Resp: 67876
Ion Ratio Lower Upper
139 100
109 35.6 25.9 38.9
65 64.1 47.0 70.6

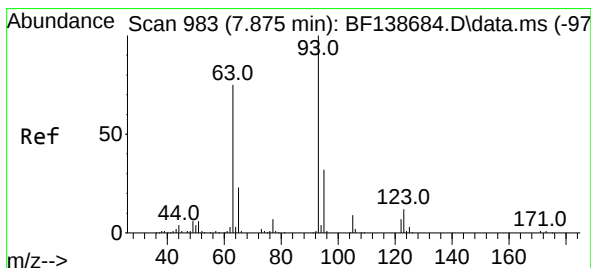
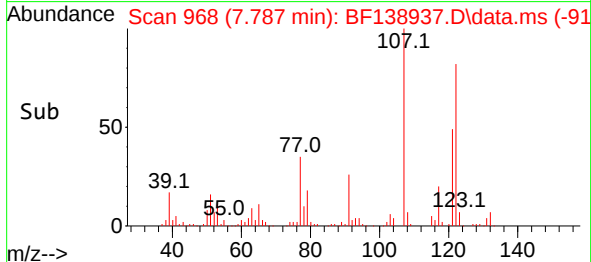
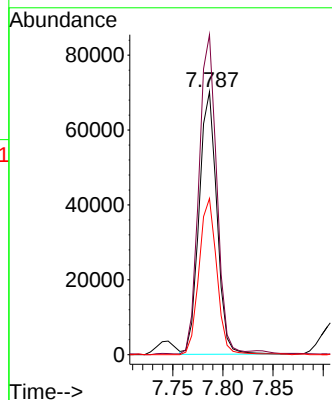
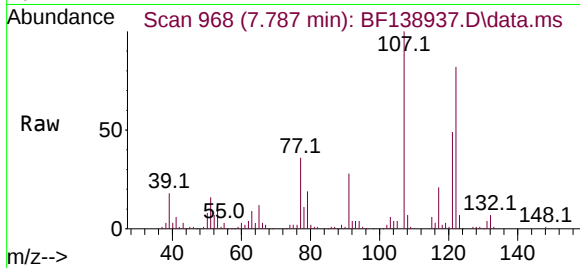




#27
2,4-Dimethylphenol
Concen: 59.391 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

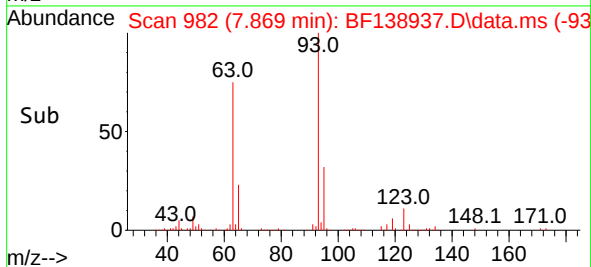
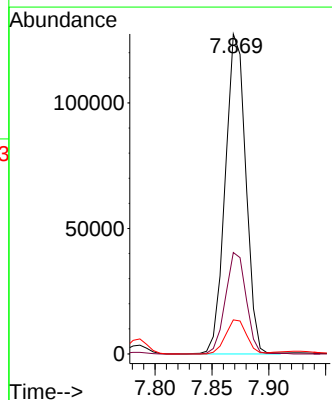
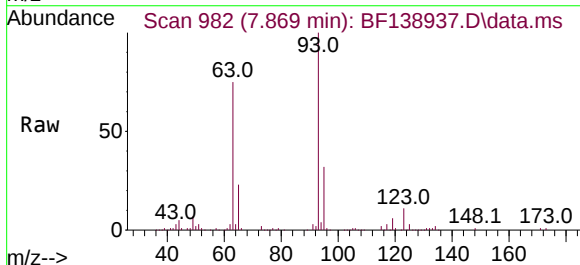
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion:122 Resp: 86558
Ion Ratio Lower Upper
122 100
107 121.7 95.0 142.6
121 59.4 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 55.436 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion: 93 Resp: 160392
Ion Ratio Lower Upper
93 100
95 31.7 25.8 38.8
123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 52.376 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

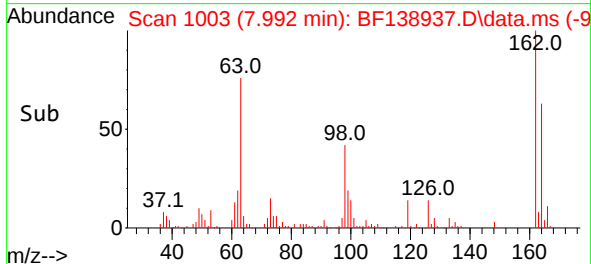
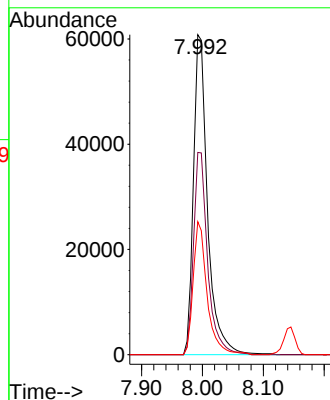
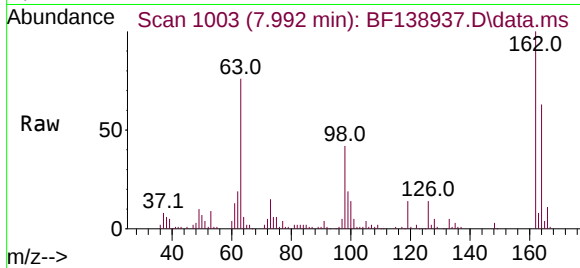
Tgt Ion:162 Resp: 98089

Ion Ratio Lower Upper

162 100

164 63.2 44.7 84.7

98 41.6 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 54.118 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

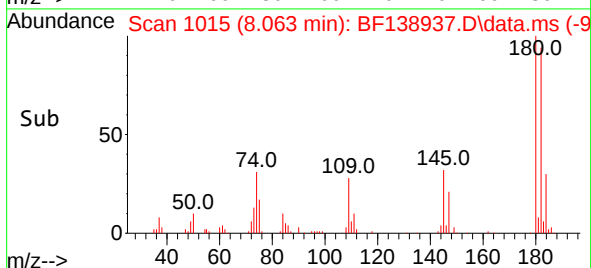
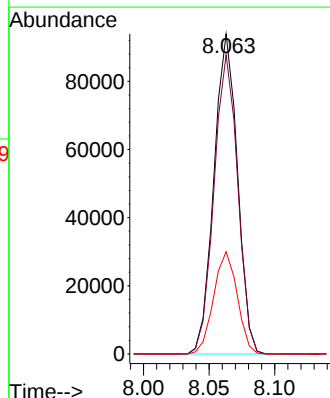
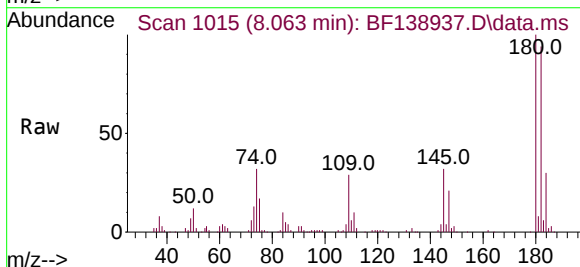
Tgt Ion:180 Resp: 116963

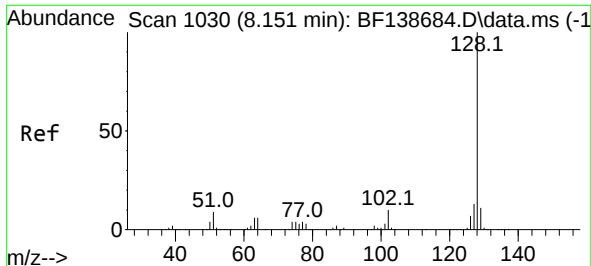
Ion Ratio Lower Upper

180 100

182 93.5 76.9 115.3

145 31.9 25.0 37.4

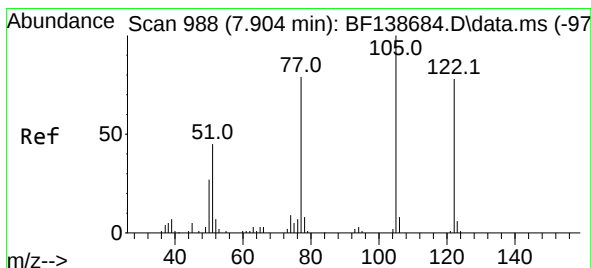
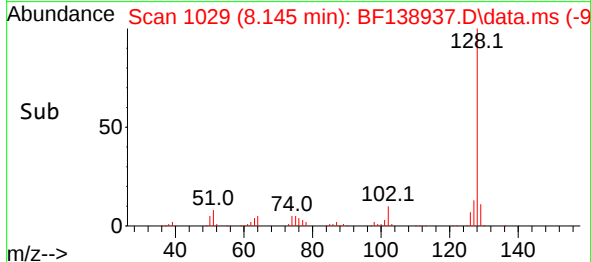
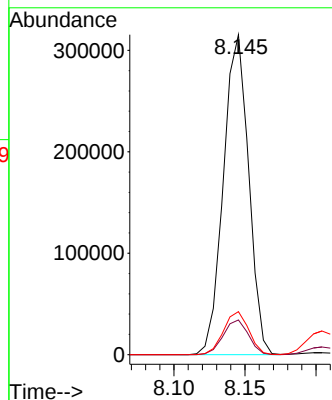
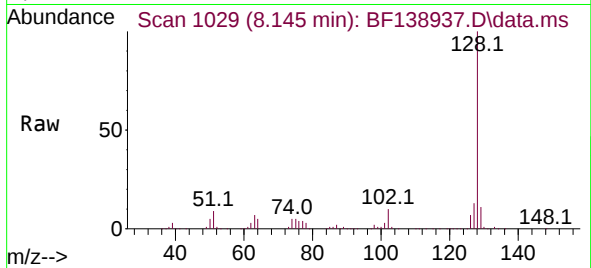




#31
Naphthalene
Concen: 54.389 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

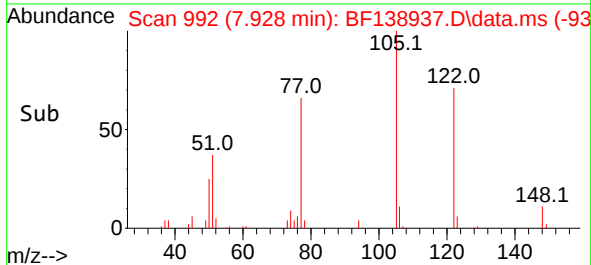
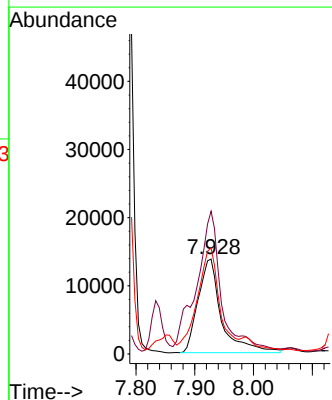
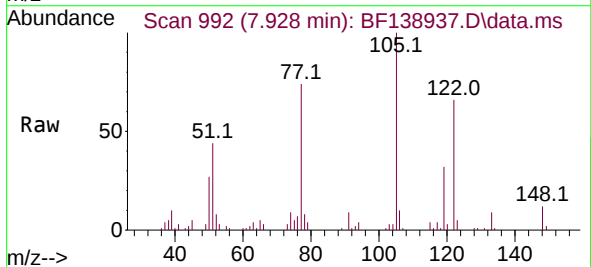
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

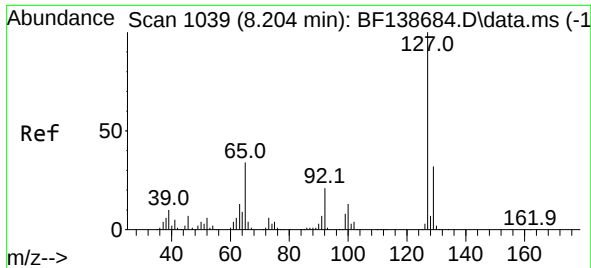
Tgt Ion:128 Resp: 389451
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 33.214 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:122 Resp: 38052
Ion Ratio Lower Upper
122 100
105 150.5 106.7 146.7#
77 111.7 81.1 121.1

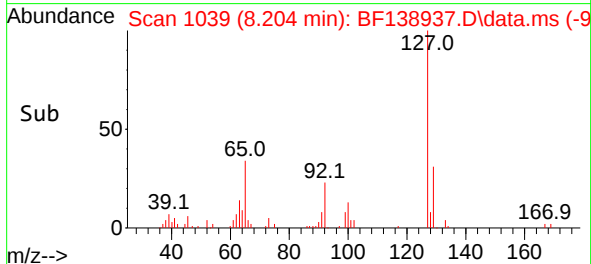
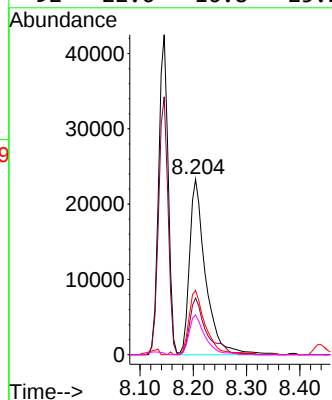
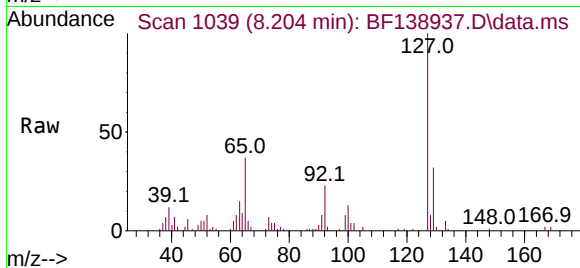




#33
4-Chloroaniline
Concen: 20.295 ng
RT: 8.204 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

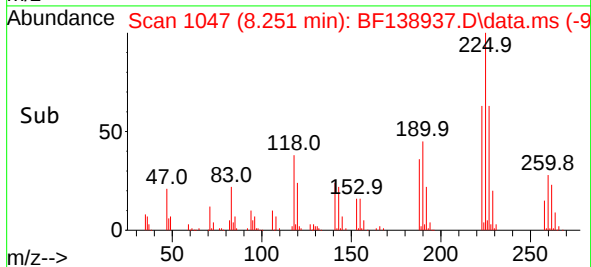
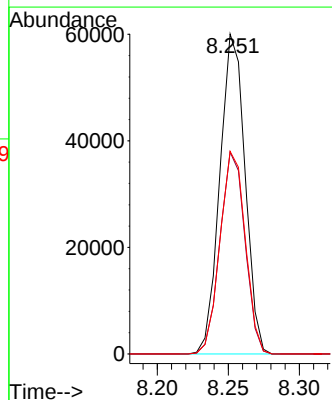
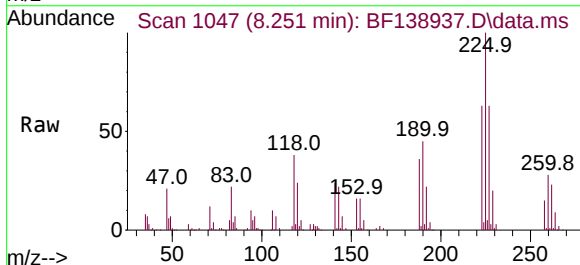
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

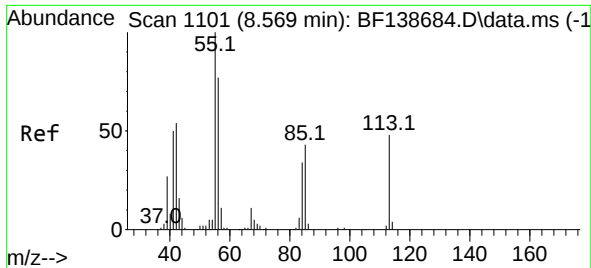
Tgt Ion:	127	Resp:	48782
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	36.6	27.6	41.4
92	22.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 56.535 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:	225	Resp:	74008
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.2	76.8
227	63.3	51.1	76.7

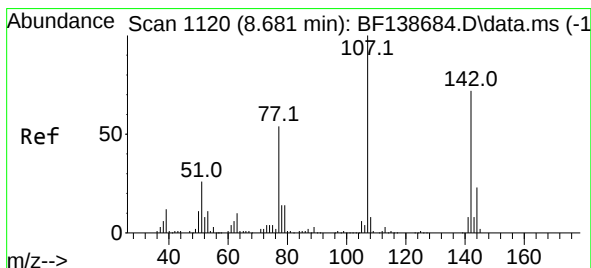
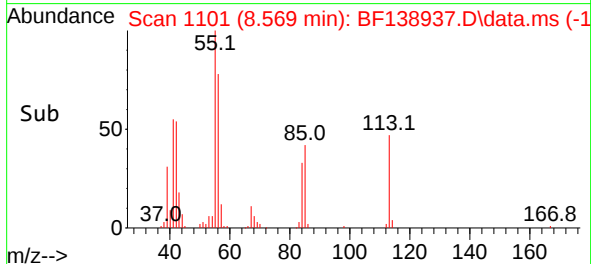
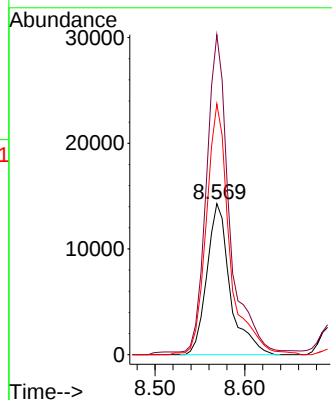
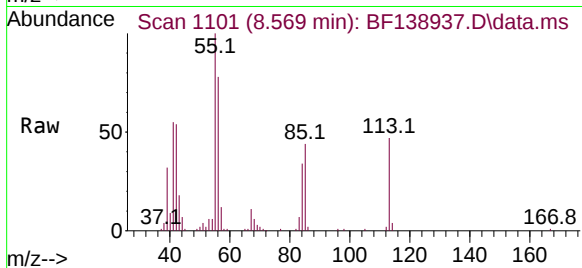




#35
Caprolactam
Concen: 45.969 ng
RT: 8.569 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

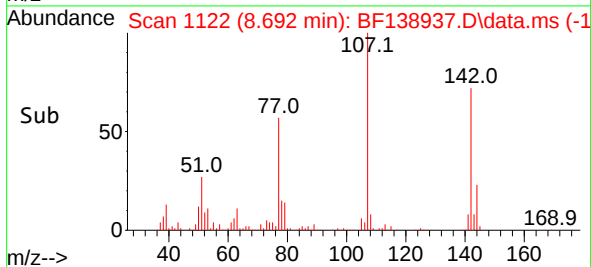
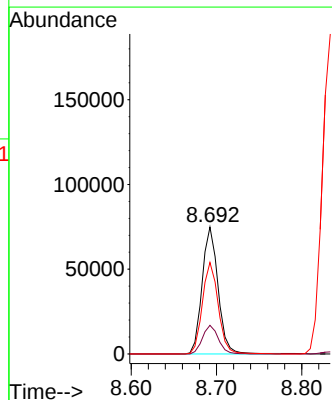
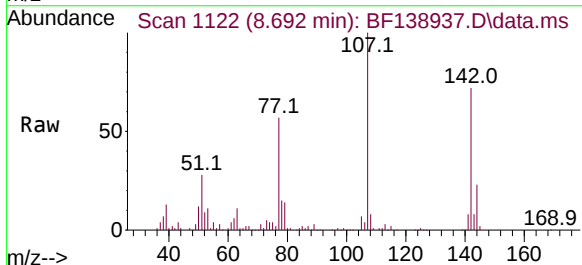
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

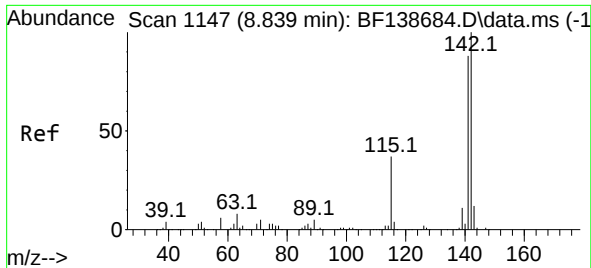
Tgt Ion:113 Resp: 25688
Ion Ratio Lower Upper
113 100
55 211.9 186.7 226.7
56 166.1 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 45.596 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:107 Resp: 97591
Ion Ratio Lower Upper
107 100
144 22.6 18.2 27.2
142 72.1 57.4 86.2

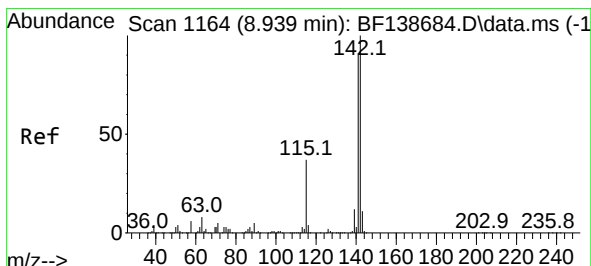
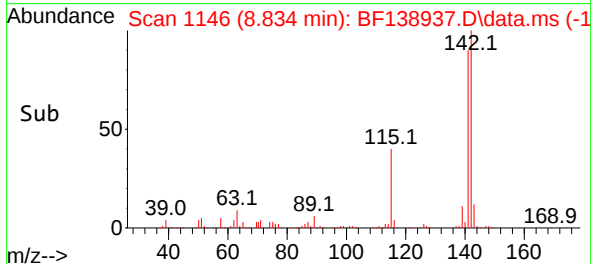
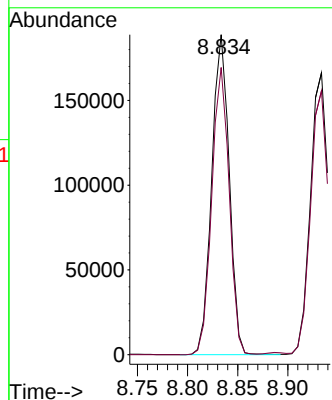
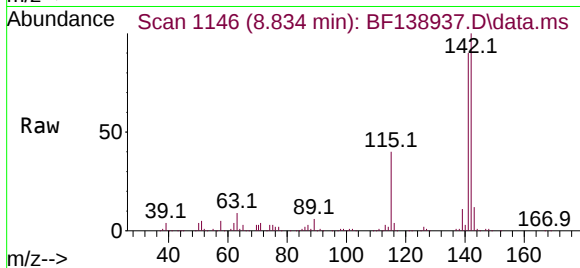




#37
2-Methylnaphthalene
Concen: 50.702 ng
RT: 8.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

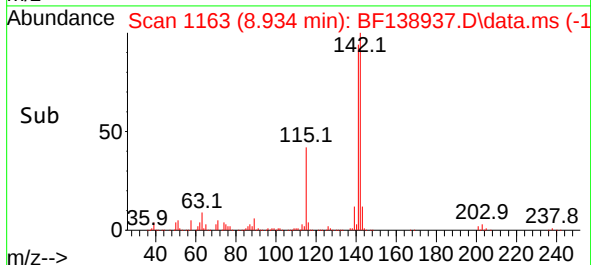
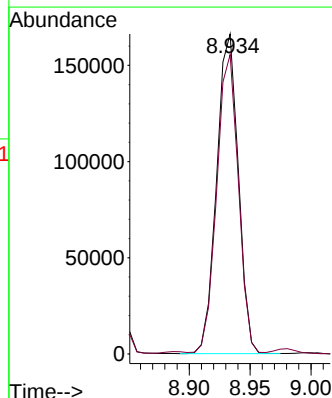
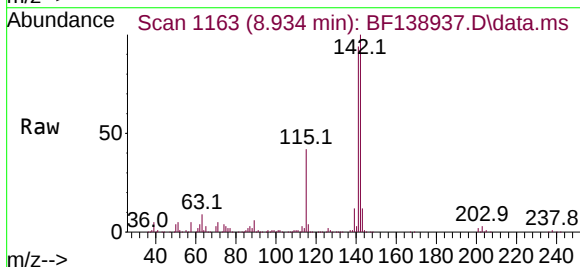
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion:142 Resp: 229288
Ion Ratio Lower Upper
142 100
141 89.7 70.8 106.2



#38
1-Methylnaphthalene
Concen: 46.376 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:142 Resp: 205509
Ion Ratio Lower Upper
142 100
141 93.6 73.1 109.7

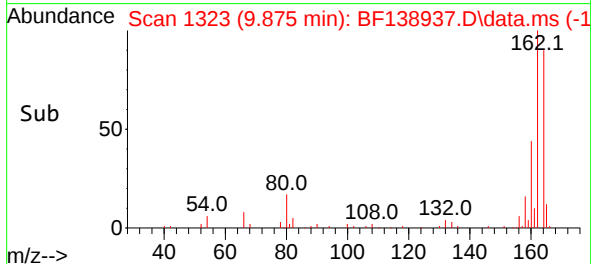
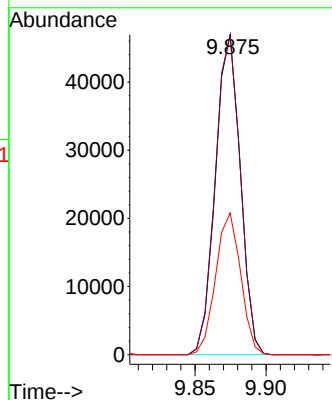
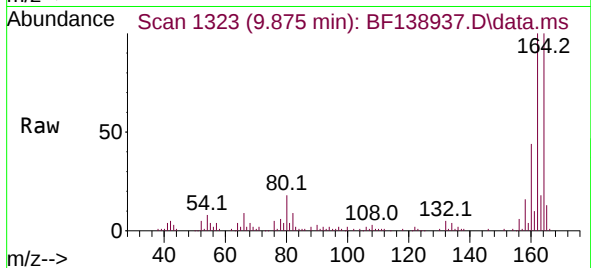




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. -0.005 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

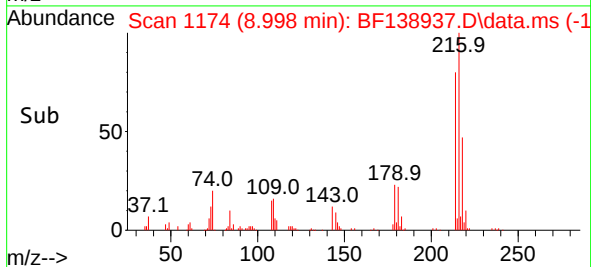
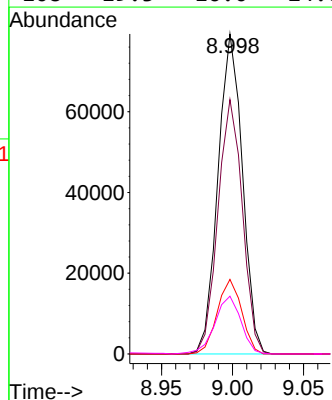
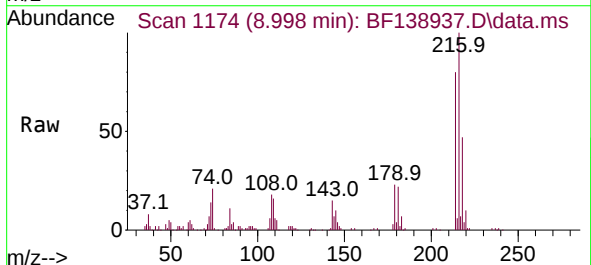
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion:164 Resp: 57011
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 44.4 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.745 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:216 Resp: 94618
Ion Ratio Lower Upper
216 100
214 79.5 63.9 95.9
179 23.3 17.8 26.6
108 19.3 16.0 24.0

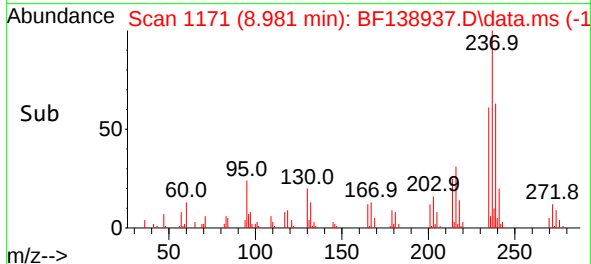
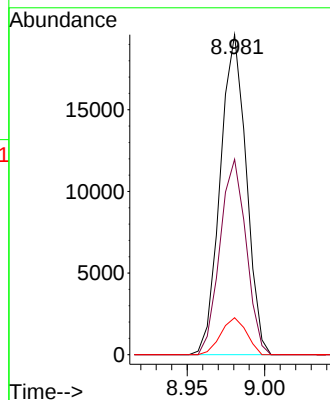
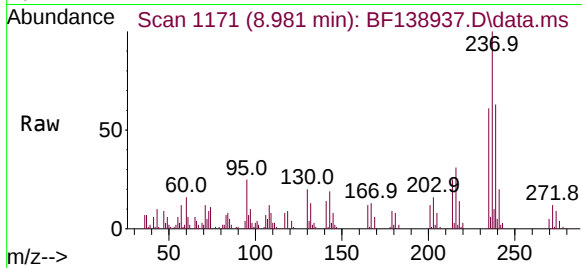




#41
Hexachlorocyclopentadiene
Concen: 56.778 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

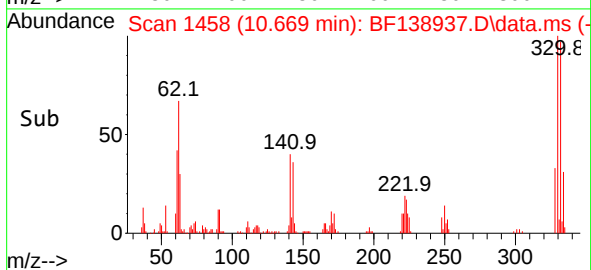
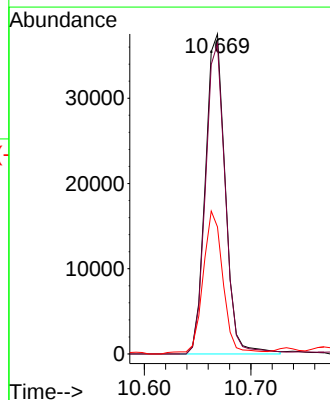
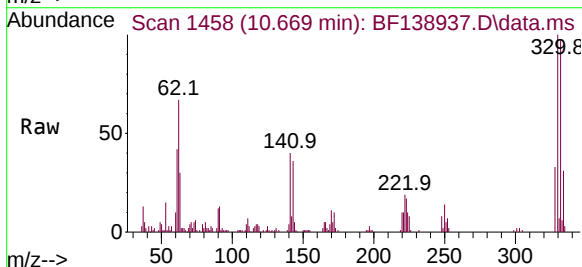
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion: 237 Resp: 22872
Ion Ratio Lower Upper
237 100
235 61.0 41.8 81.8
272 11.6 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 104.358 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion: 330 Resp: 48735
Ion Ratio Lower Upper
330 100
332 96.6 76.4 114.6
141 45.2 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 55.891 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

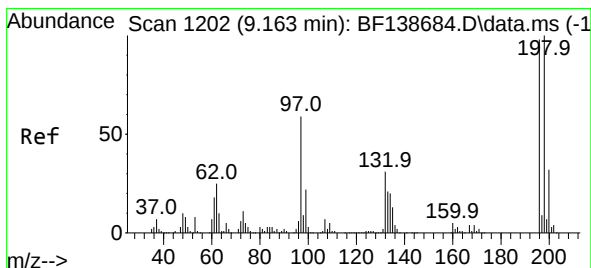
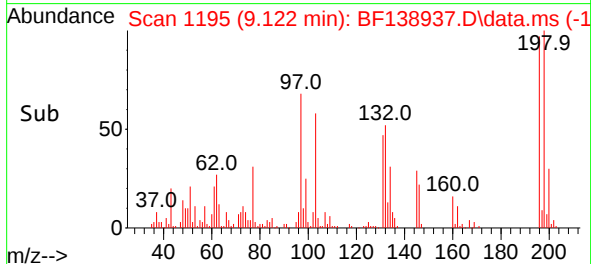
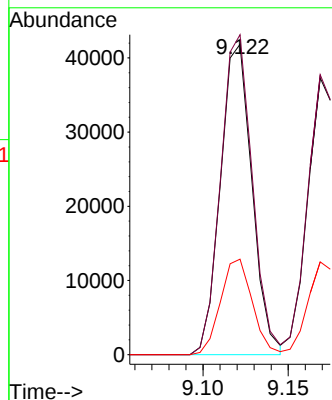
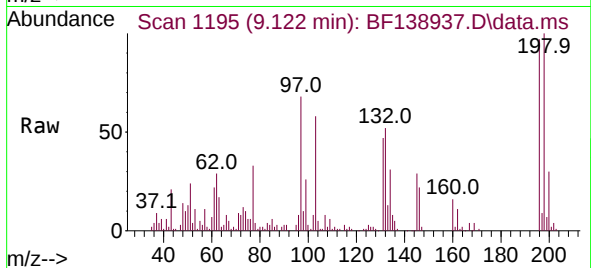
Tgt Ion:196 Resp: 53968

Ion Ratio Lower Upper

196 100

198 103.1 80.5 120.7

200 30.8 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 50.582 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Tgt Ion:196 Resp: 53394

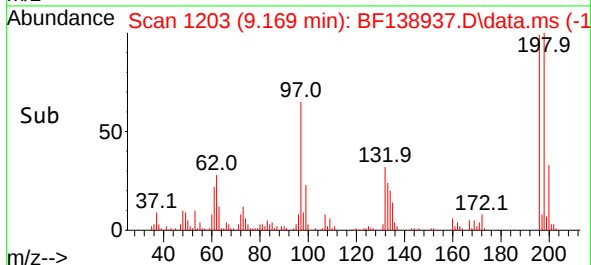
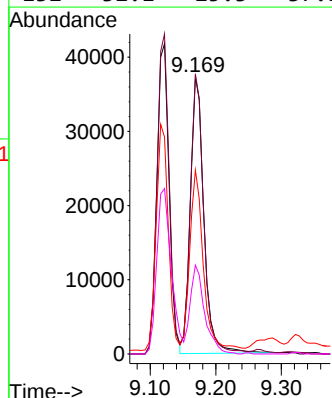
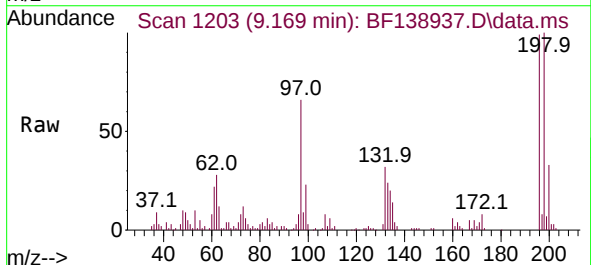
Ion Ratio Lower Upper

196 100

198 101.2 81.2 121.8

97 66.4 47.8 71.6

132 32.1 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 90.567 ng

RT: 9.192 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

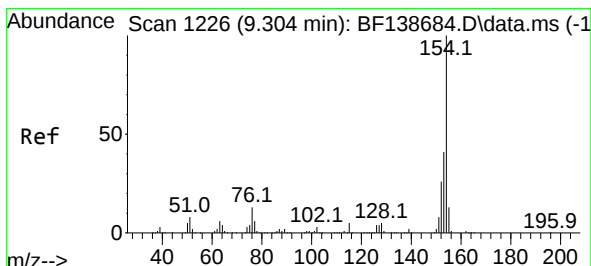
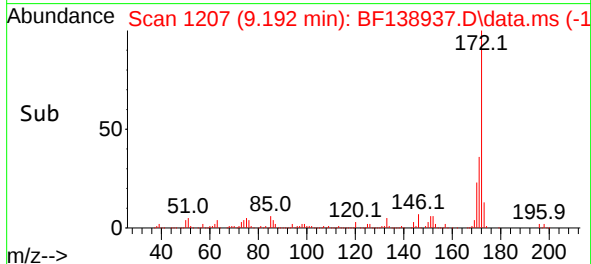
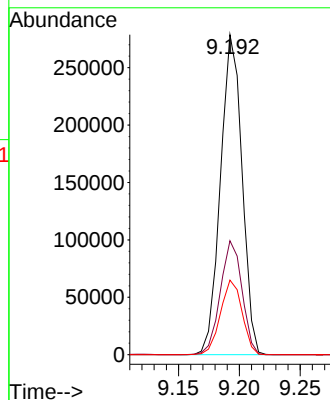
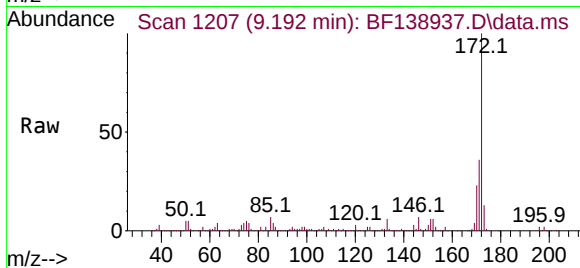
Tgt Ion:172 Resp: 343647

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 57.178 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

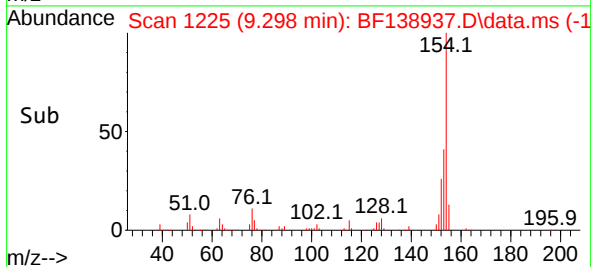
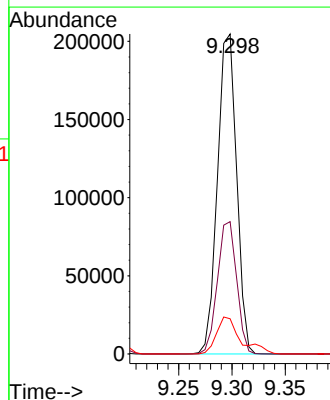
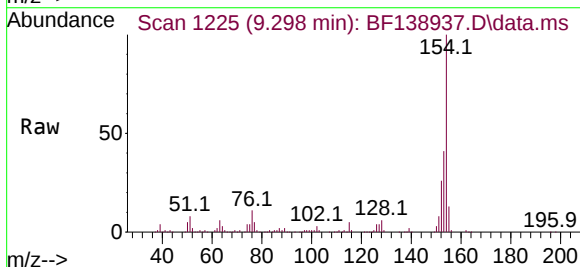
Tgt Ion:154 Resp: 255300

Ion Ratio Lower Upper

154 100

153 41.3 20.8 60.8

76 11.0 0.0 32.8

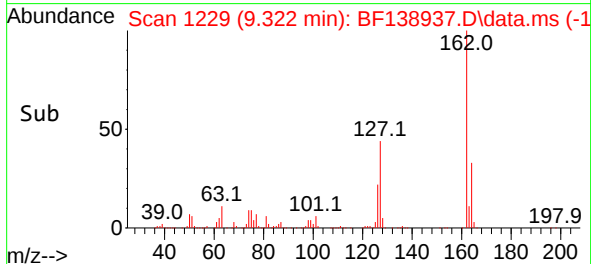
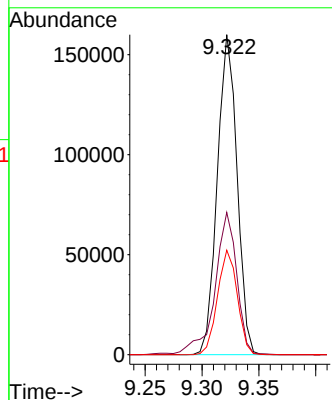
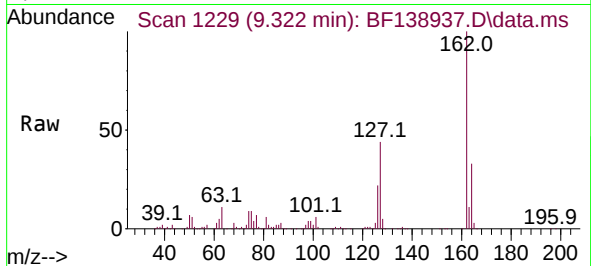




#47
2-Chloronaphthalene
Concen: 58.257 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

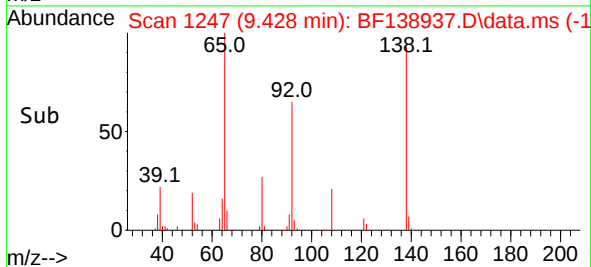
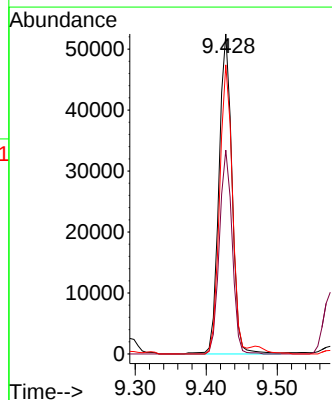
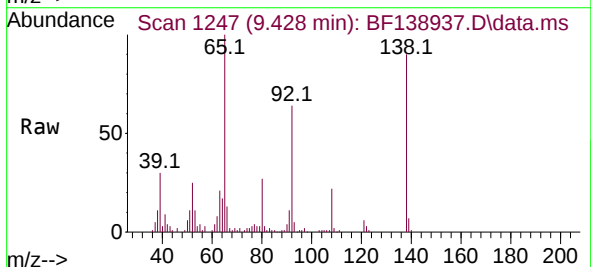
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion:162 Resp: 193457
Ion Ratio Lower Upper
162 100
127 44.5 35.4 53.2
164 32.7 25.6 38.4



#48
2-Nitroaniline
Concen: 59.246 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion: 65 Resp: 66698
Ion Ratio Lower Upper
65 100
92 63.7 52.0 78.0
138 90.4 76.2 114.4

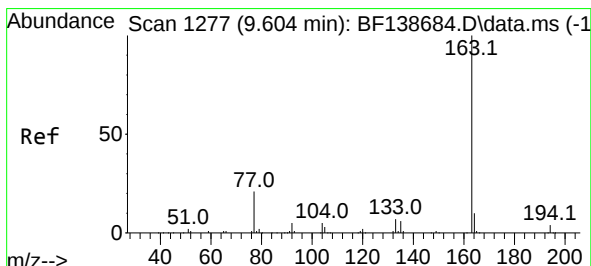
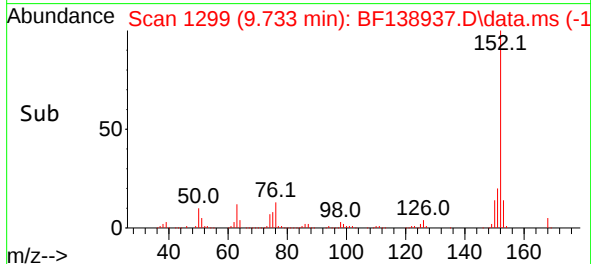
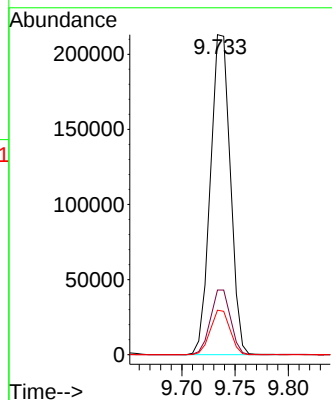
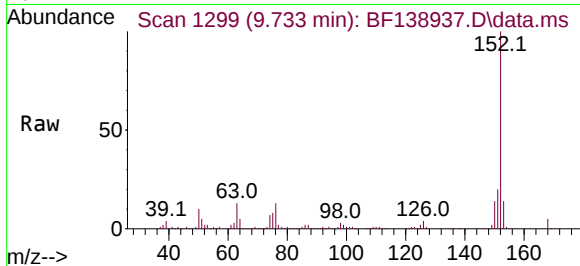




#49
Acenaphthylene
Concen: 58.793 ng
RT: 9.733 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

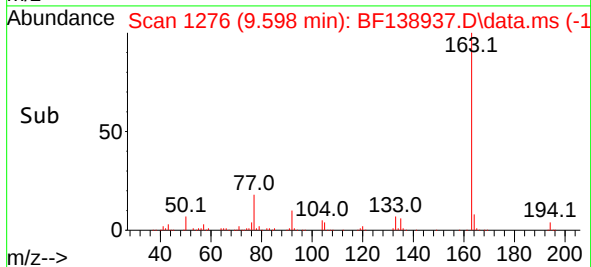
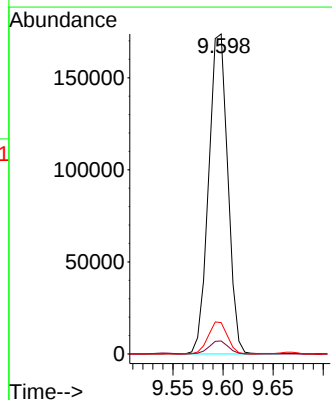
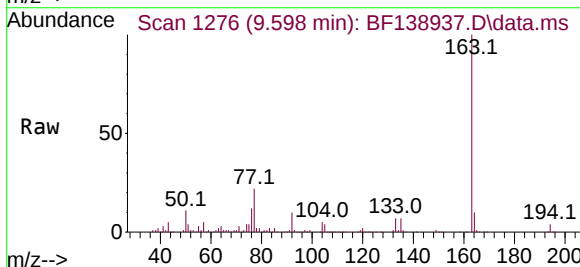
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

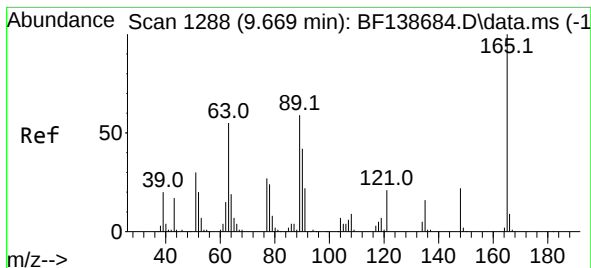
Tgt Ion:152 Resp: 276905
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.9 11.0 16.4



#50
Dimethylphthalate
Concen: 63.466 ng
RT: 9.598 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:163 Resp: 231356
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.8 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 55.201 ng

RT: 9.669 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

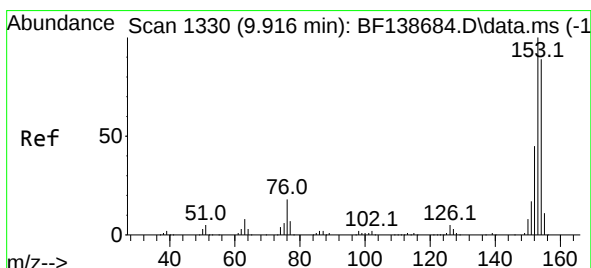
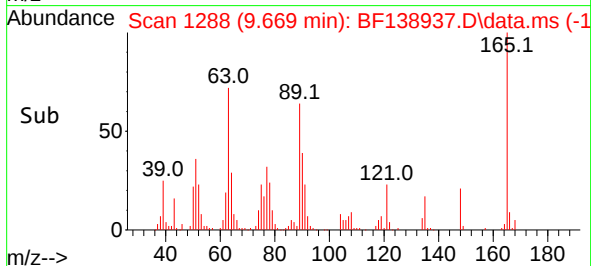
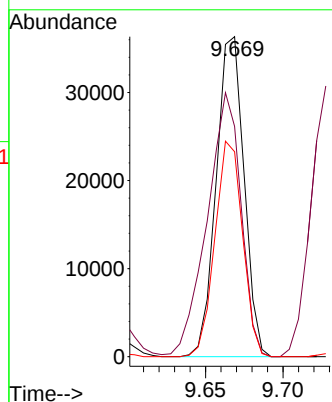
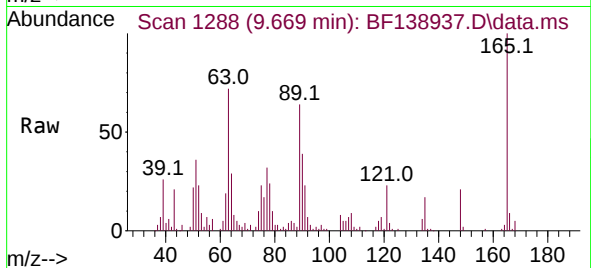
Tgt Ion:165 Resp: 45413

Ion Ratio Lower Upper

165 100

63 72.0 52.0 78.0

89 64.0 47.0 70.6



#52

Acenaphthene

Concen: 52.710 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

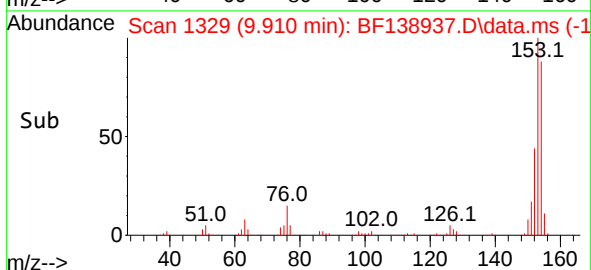
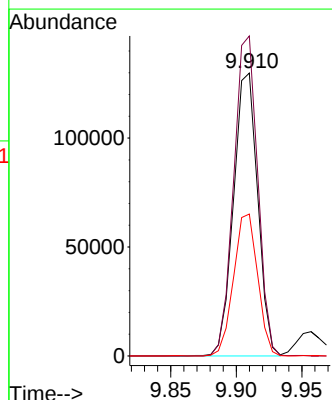
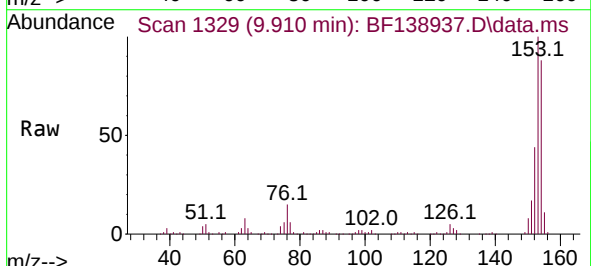
Tgt Ion:154 Resp: 166881

Ion Ratio Lower Upper

154 100

153 113.1 89.9 134.9

152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 40.394 ng

RT: 9.839 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

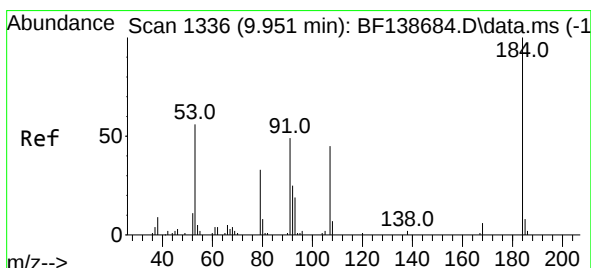
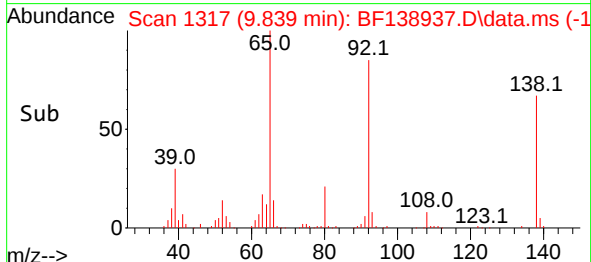
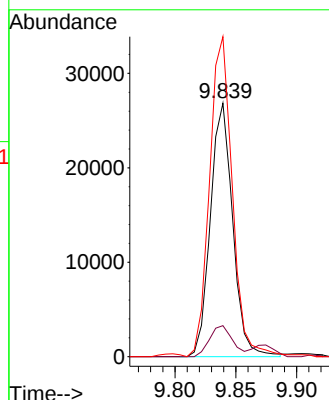
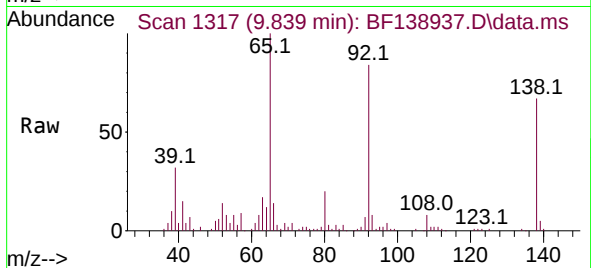
Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

Tgt Ion:138	Resp:	34354
Ion	Ratio	Lower Upper
138	100	
108	12.3	9.1 13.7
92	126.3	98.7 148.1



#54

2,4-Dinitrophenol

Concen: 63.352 ng

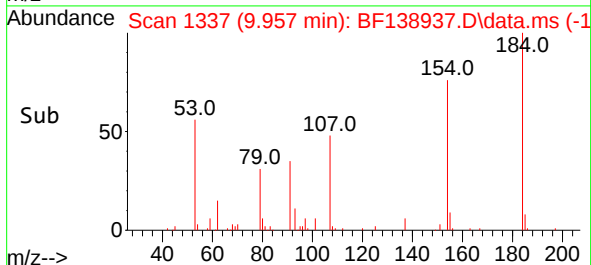
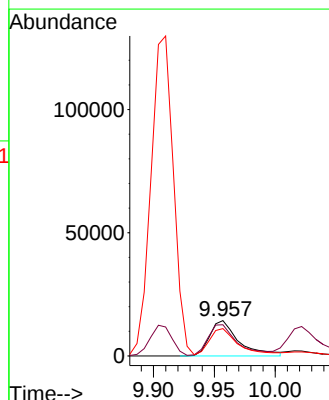
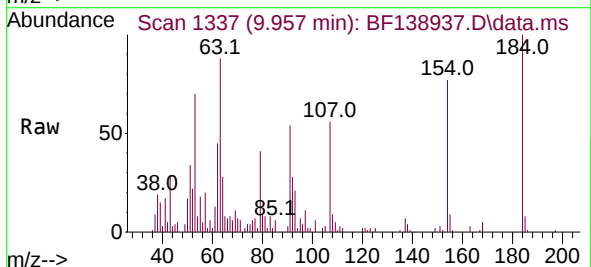
RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Tgt Ion:184	Resp:	23992
Ion	Ratio	Lower Upper
184	100	
63	88.1	57.5 86.3#
154	77.5	51.7 77.5

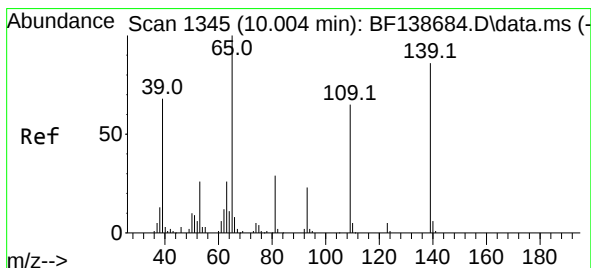
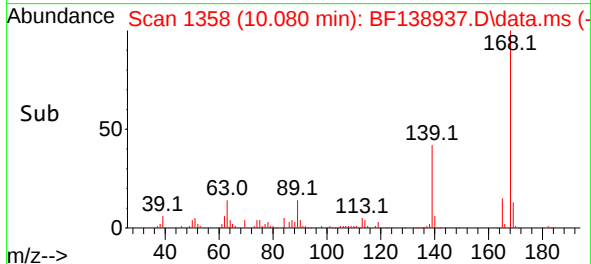
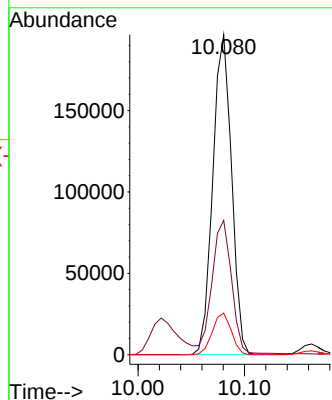
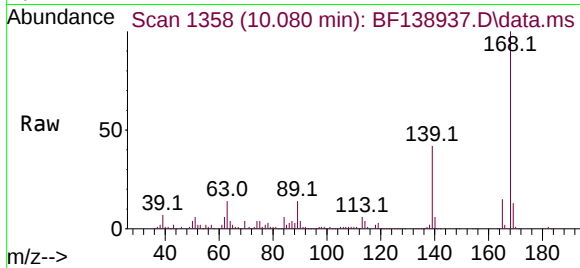




#55
Dibenzenofuran
Concen: 53.787 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

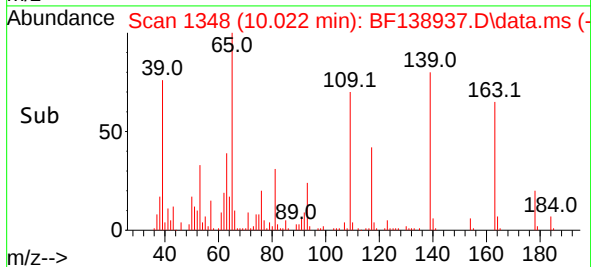
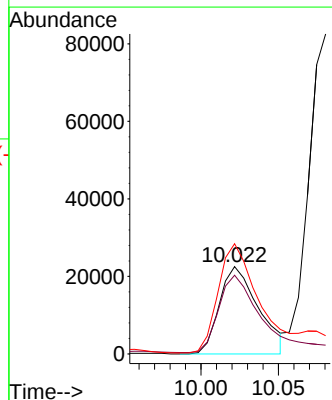
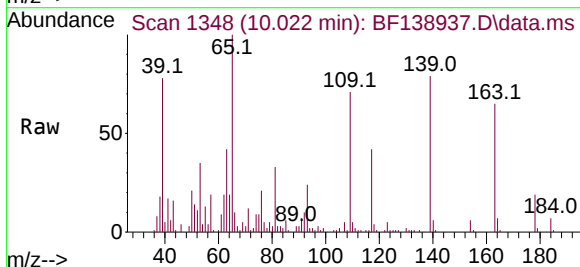
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion:168 Resp: 240383
Ion Ratio Lower Upper
168 100
139 42.0 32.6 49.0
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 76.942 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:139 Resp: 39351
Ion Ratio Lower Upper
139 100
109 90.1 55.5 95.5
65 126.1 96.7 136.7

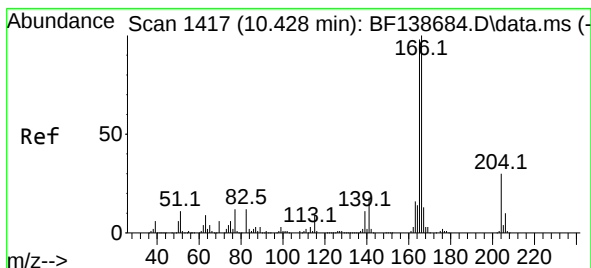
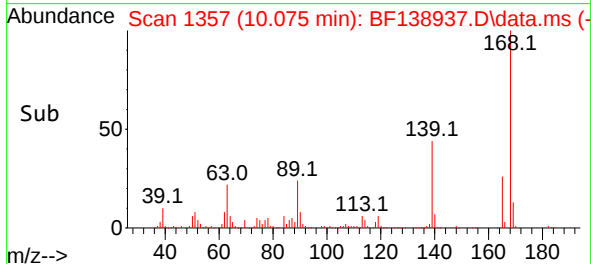
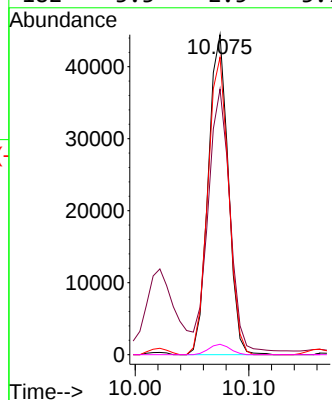
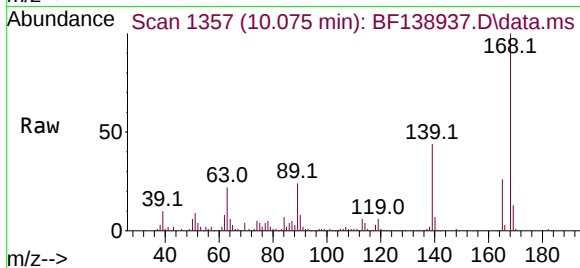




#57
2,4-Dinitrotoluene
Concen: 51.714 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

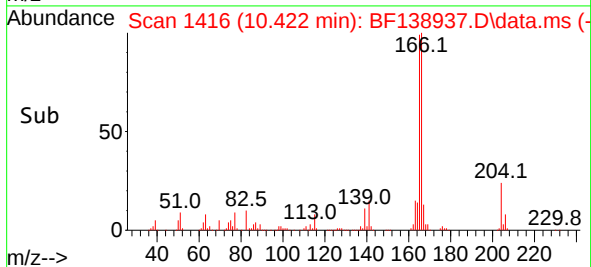
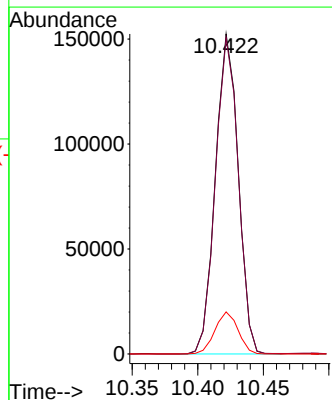
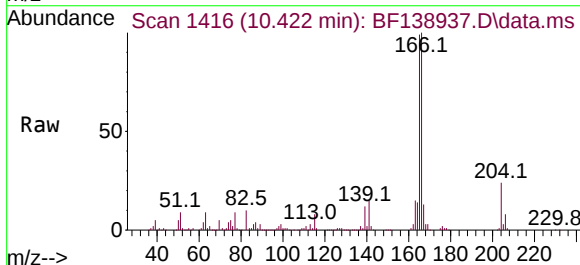
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion:165 Resp: 54280
Ion Ratio Lower Upper
165 100
63 83.0 46.3 69.5#
89 92.9 64.2 96.4
182 3.3 2.5 3.7



#58
Fluorene
Concen: 51.892 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:166 Resp: 184683
Ion Ratio Lower Upper
166 100
165 98.9 78.4 117.6
167 13.1 10.6 16.0

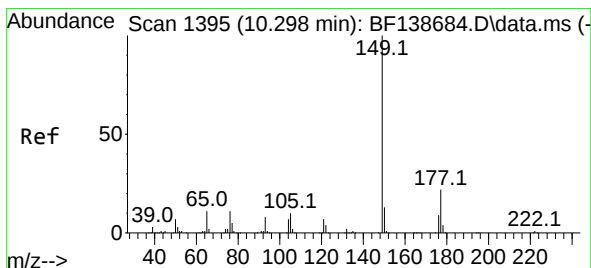
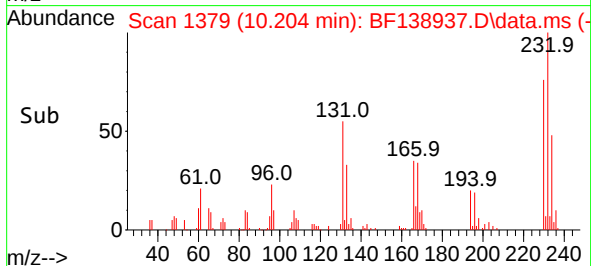
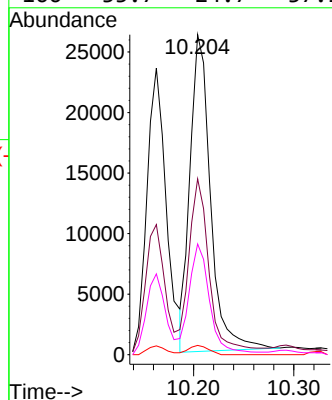
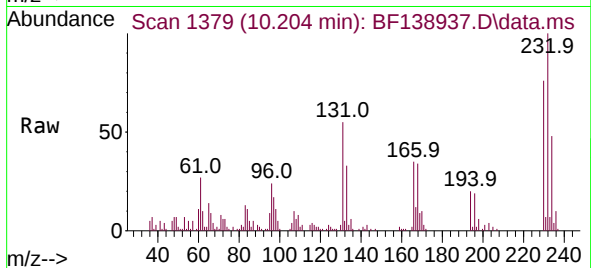




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.047 ng
RT: 10.204 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

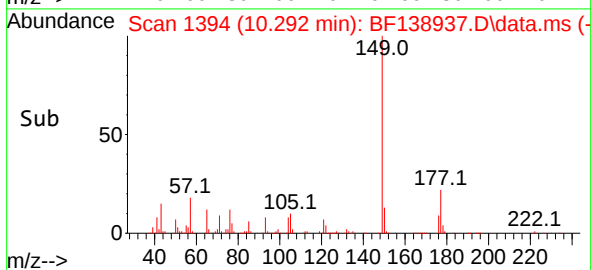
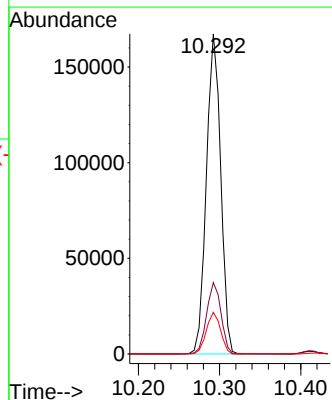
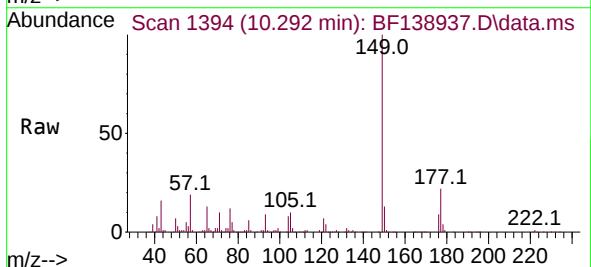
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

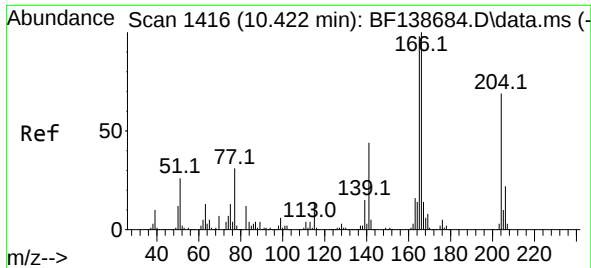
Tgt Ion:232	Resp:	37161
Ion Ratio	Lower	Upper
232	100	
131	54.8	37.0 55.4
130	3.0	2.0 3.0
166	33.7	24.7 37.1



#60
Diethylphthalate
Concen: 59.183 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:149	Resp:	204563
Ion Ratio	Lower	Upper
149	100	
177	22.3	17.8 26.8
150	13.0	10.1 15.1

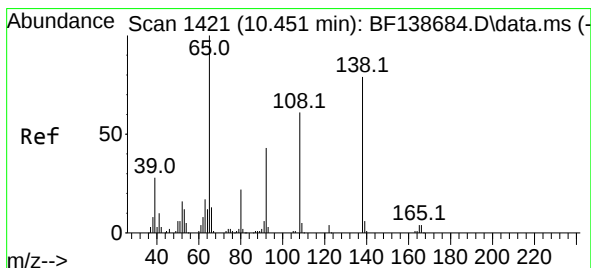
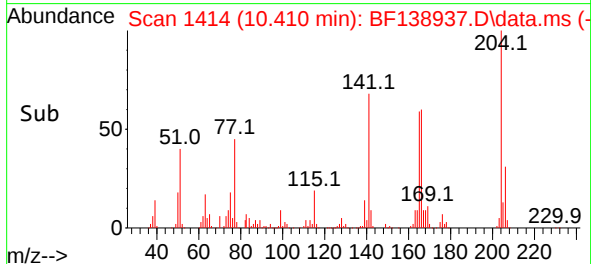
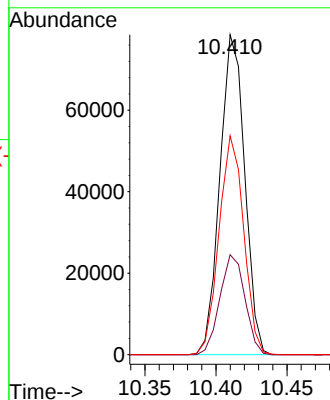
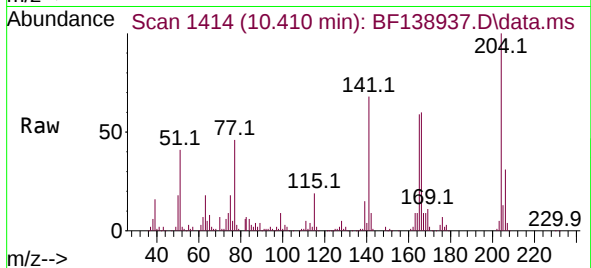




#61
4-Chlorophenyl-phenylether
Concen: 54.515 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

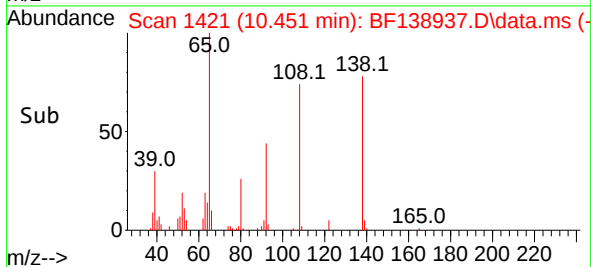
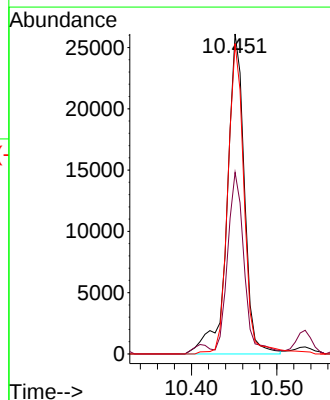
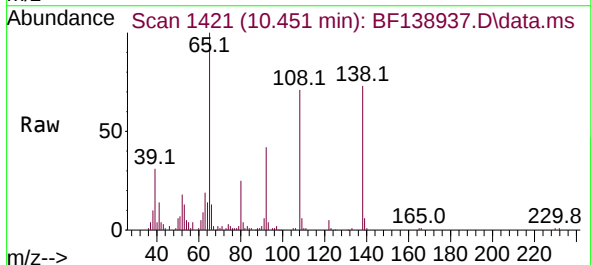
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

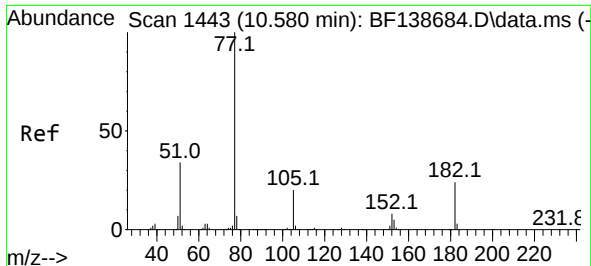
Tgt Ion:204 Resp: 95421
Ion Ratio Lower Upper
204 100
206 31.3 26.1 39.1
141 68.4 51.4 77.0



#62
4-Nitroaniline
Concen: 45.557 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:138 Resp: 36820
Ion Ratio Lower Upper
138 100
92 56.8 34.2 74.2
108 97.0 56.2 96.2#

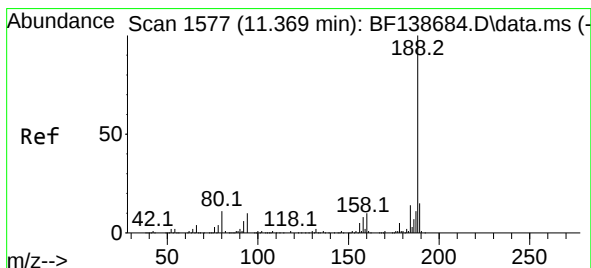
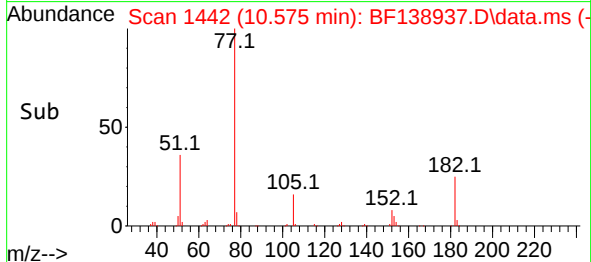
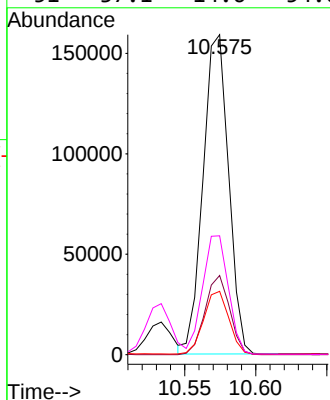
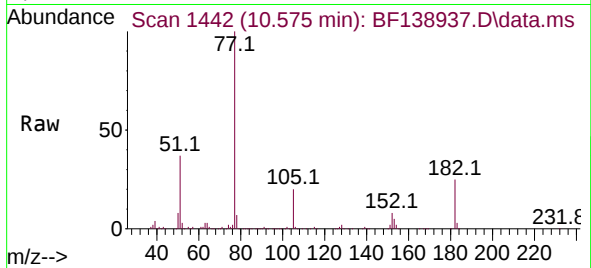




#63
Azobenzene
Concen: 52.008 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

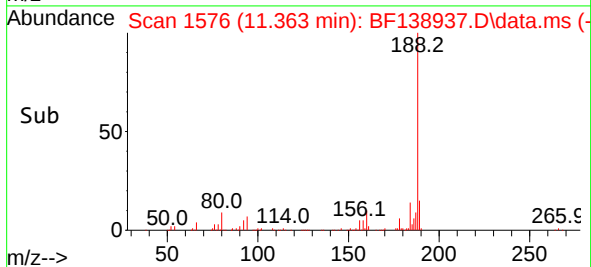
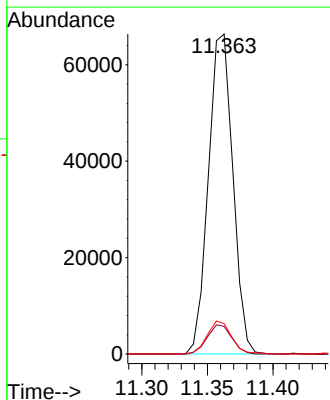
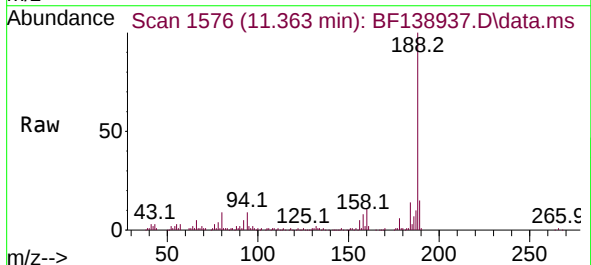
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

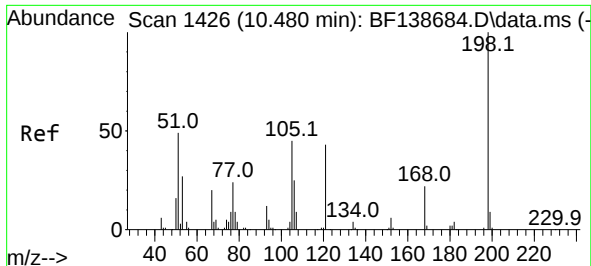
Tgt Ion: 77	Resp: 199374
Ion Ratio	Lower Upper
77 100	
182 24.7	3.4 43.4
105 19.8	0.2 40.2
51 37.1	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:188	Resp:	86117	
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.6	11.4
80	9.5	8.6	12.8

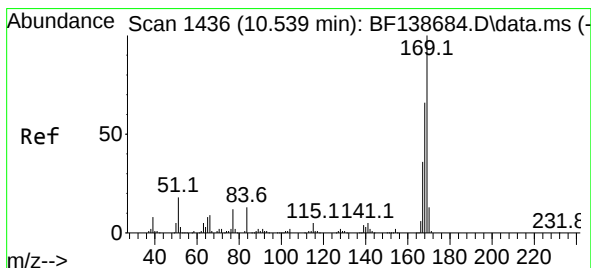
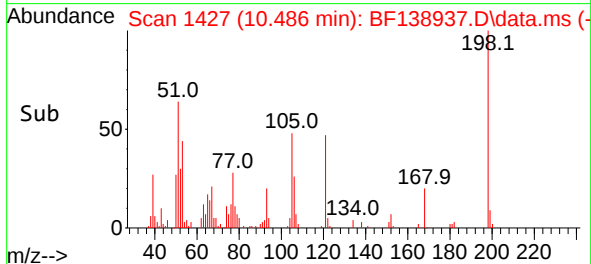
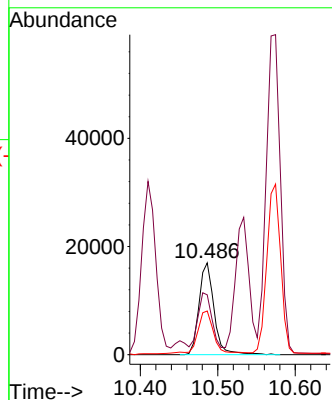
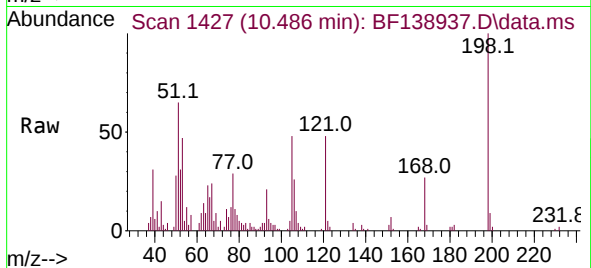




#65
4,6-Dinitro-2-methylphenol
Concen: 43.423 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

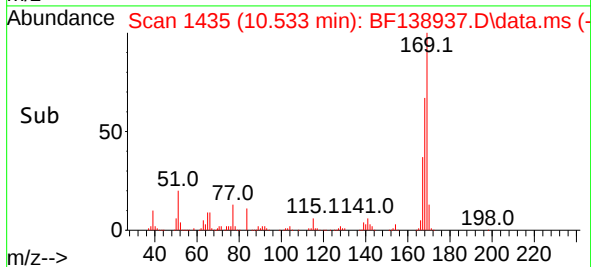
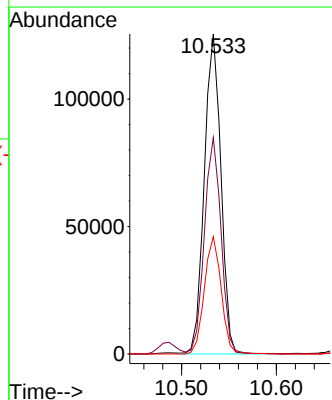
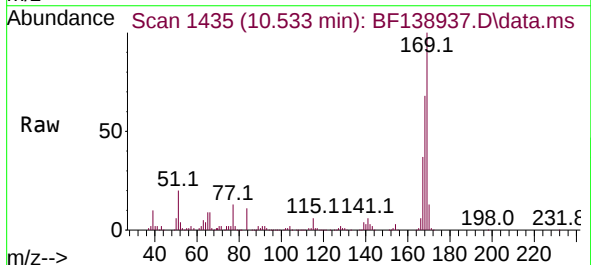
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion:198 Resp: 22814
Ion Ratio Lower Upper
198 100
51 65.2 39.9 79.9
105 47.6 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 56.642 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:169 Resp: 152472
Ion Ratio Lower Upper
169 100
168 67.6 53.0 79.6
167 36.7 29.0 43.6

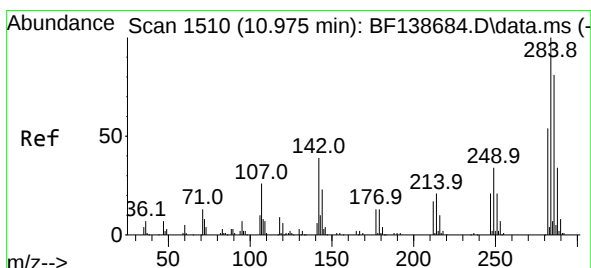
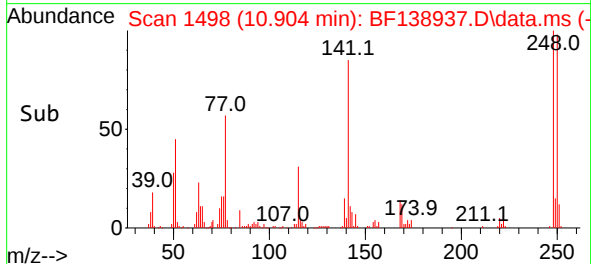
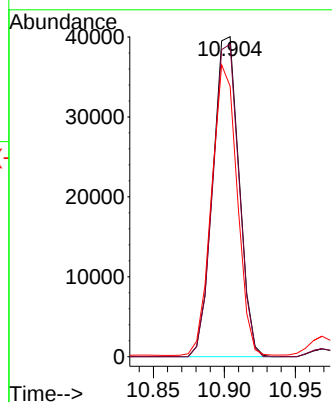
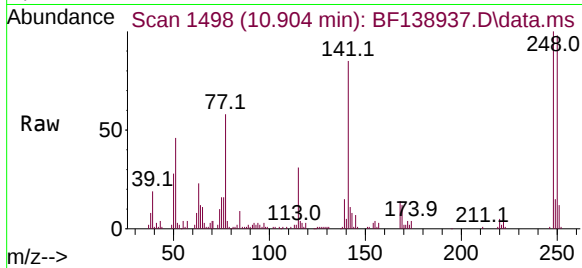




#67
4-Bromophenyl-phenylether
Concen: 54.936 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

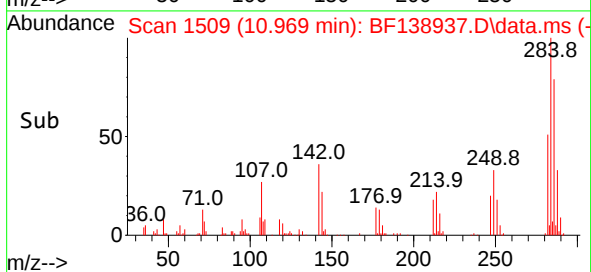
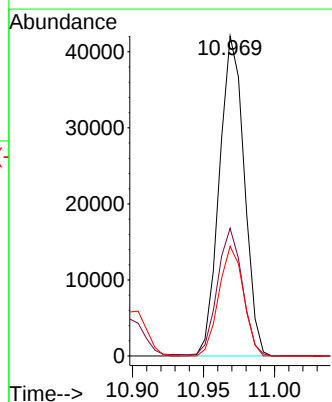
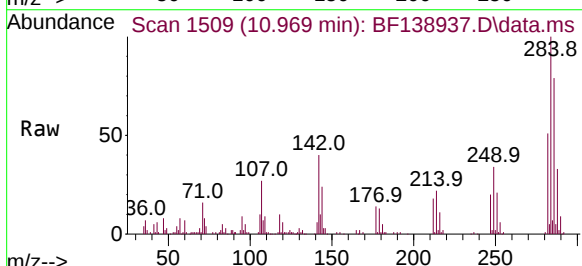
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion:248 Resp: 51221
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 84.5 68.0 102.0



#68
Hexachlorobenzene
Concen: 53.159 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:284 Resp: 51176
Ion Ratio Lower Upper
284 100
142 39.9 31.3 46.9
249 34.3 27.2 40.8





#69

Atrazine

Concen: 67.066 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

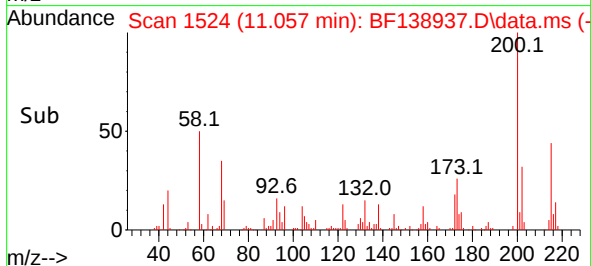
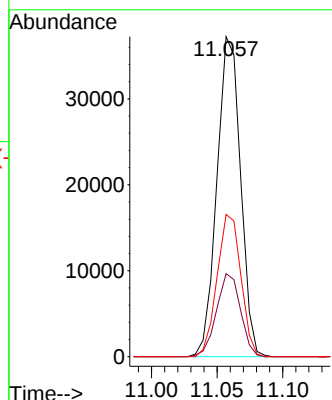
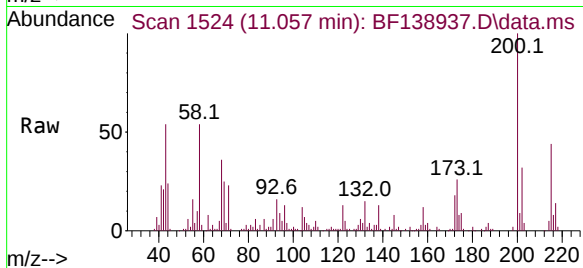
Tgt Ion:200 Resp: 46577

Ion Ratio Lower Upper

200 100

173 25.9 6.0 46.0

215 44.5 26.1 66.1



#70

Pentachlorophenol

Concen: 88.845 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

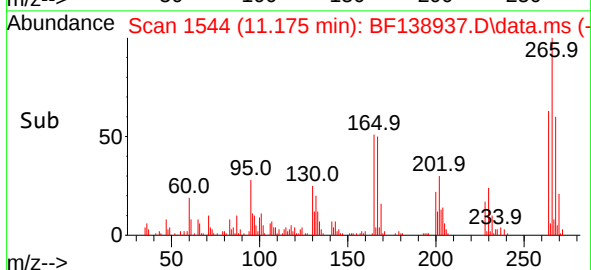
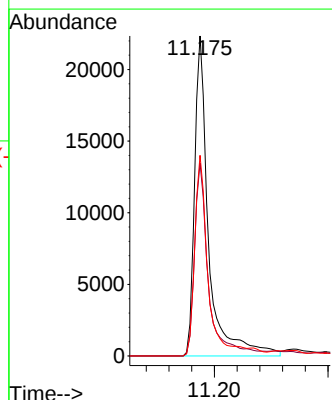
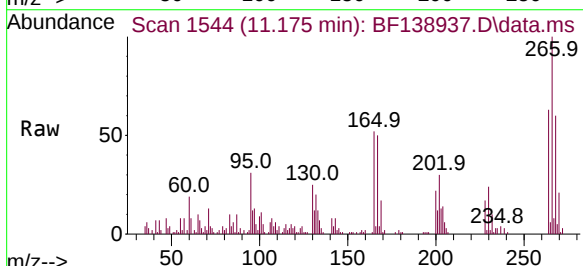
Tgt Ion:266 Resp: 38552

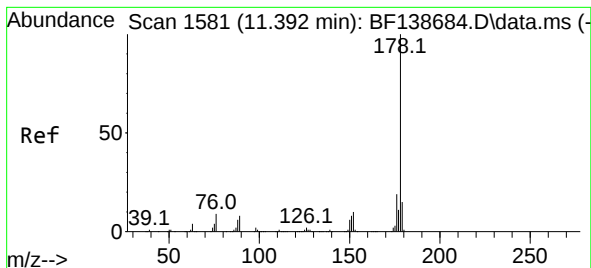
Ion Ratio Lower Upper

266 100

268 60.3 49.2 73.8

264 62.7 49.8 74.6





#71

Phenanthrene

Concen: 57.035 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

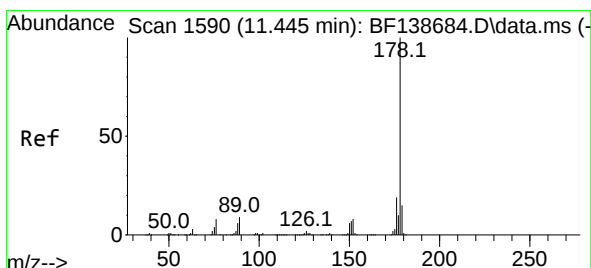
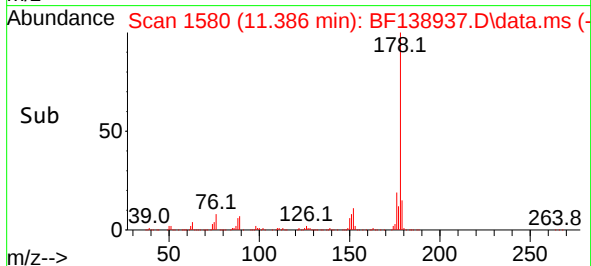
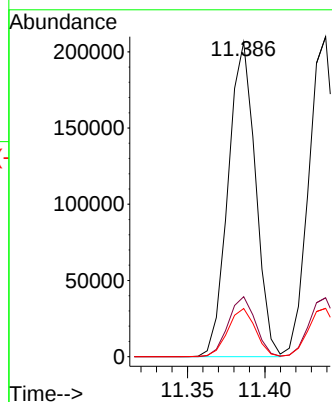
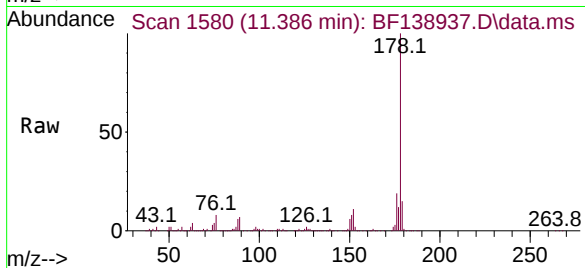
Tgt Ion:178 Resp: 252914

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.3 12.2 18.2



#72

Anthracene

Concen: 60.444 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

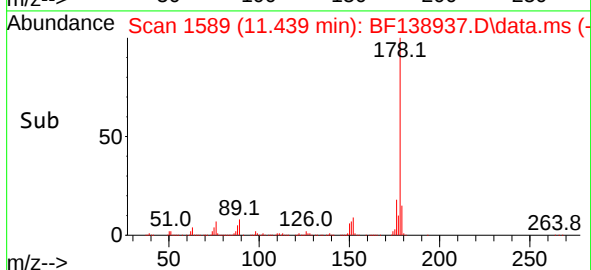
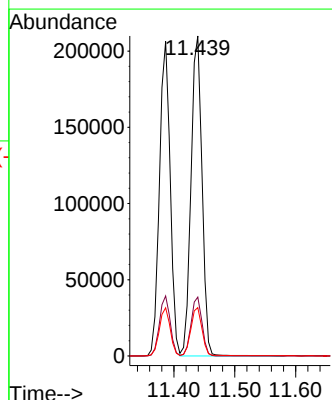
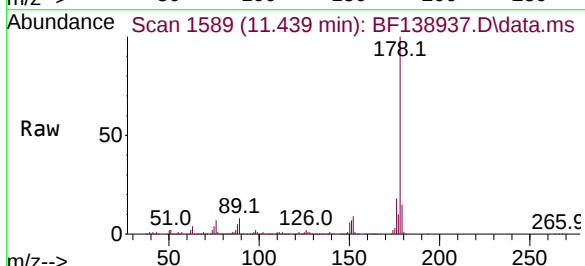
Tgt Ion:178 Resp: 264044

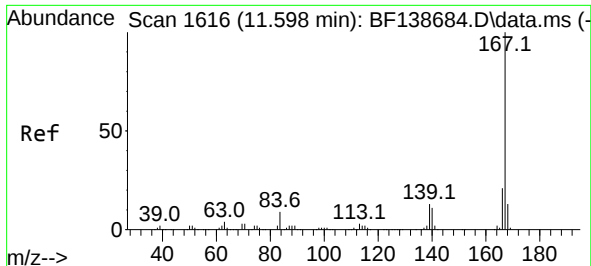
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.1 12.4 18.6

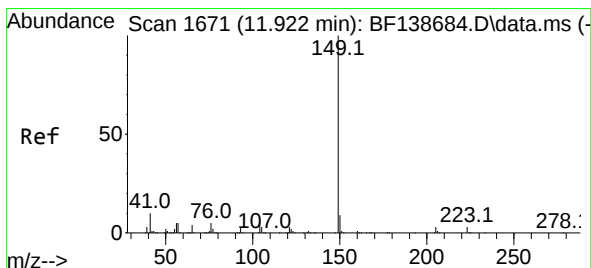
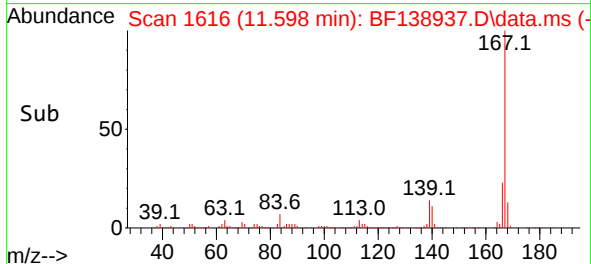
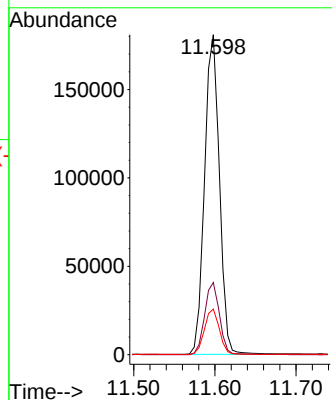
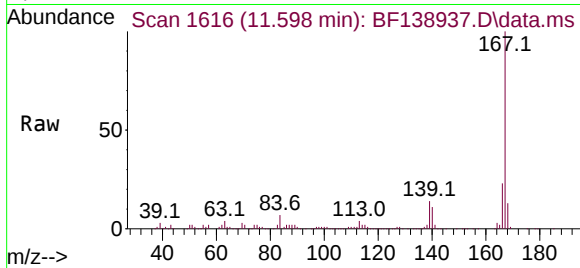




#73
 Carbazole
 Concen: 60.889 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138937.D
 Acq: 12 Aug 2024 16:46

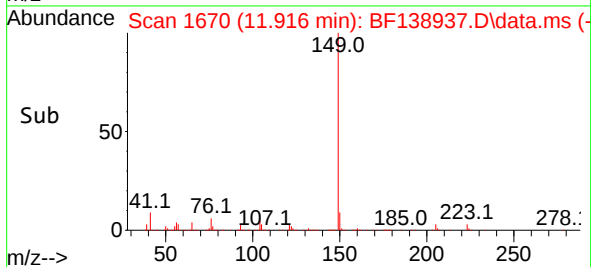
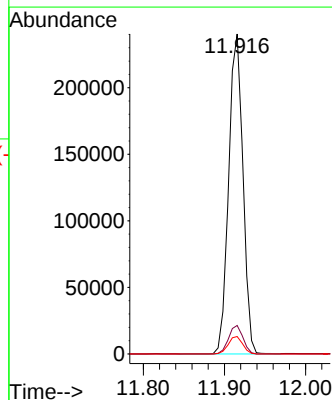
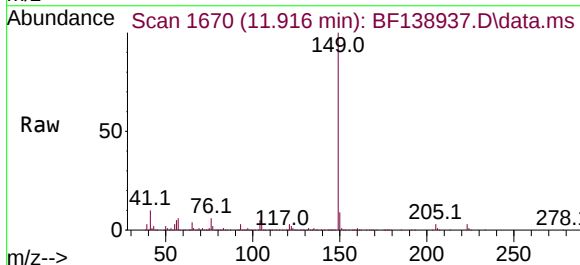
Instrument :
 BNA_F
 ClientSampleId :
 B-105-SB02MS

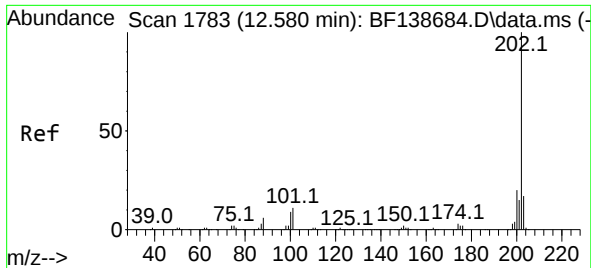
Tgt Ion:	167	Resp:	229481
Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.2	25.8
139	14.3	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 69.392 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138937.D
 Acq: 12 Aug 2024 16:46

Tgt Ion:	149	Resp:	294002
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	5.5	4.1	6.1

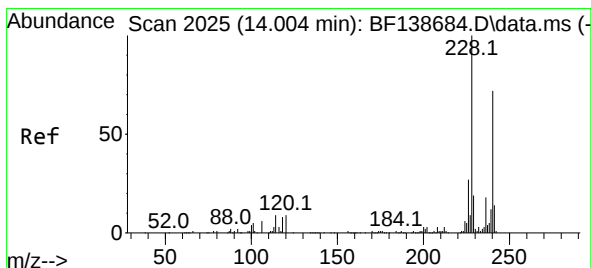
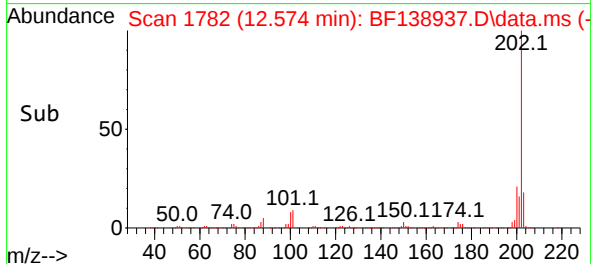
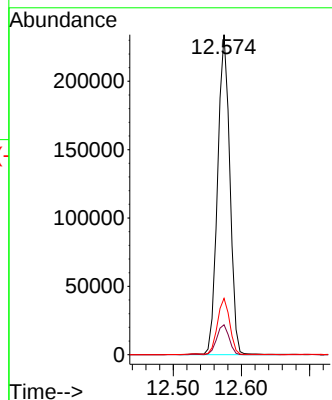
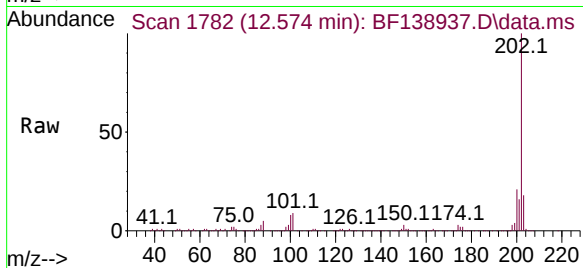




#75
Fluoranthene
Concen: 70.810 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

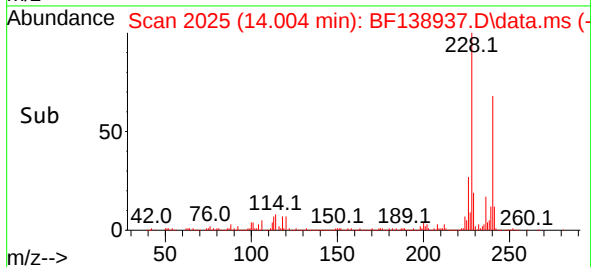
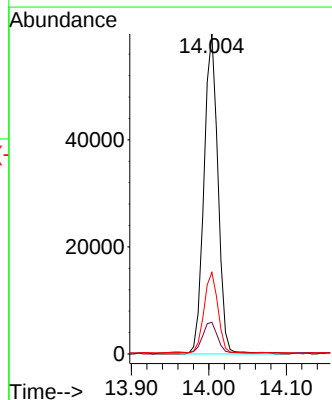
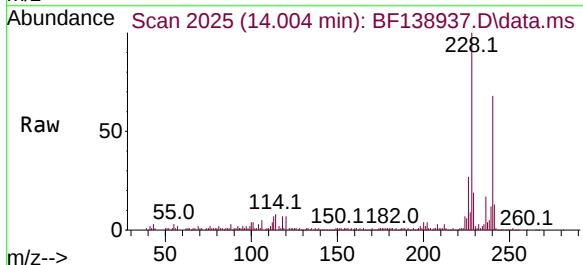
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

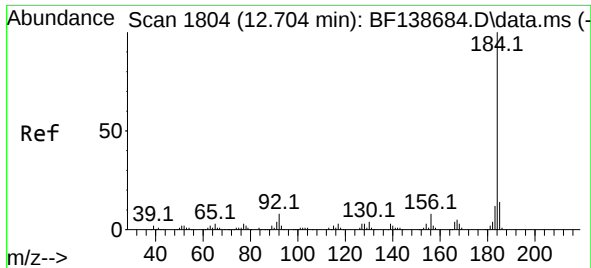
Tgt Ion:202 Resp: 293133
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.2
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:240 Resp: 74992
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.4#
236 25.5 19.8 29.8

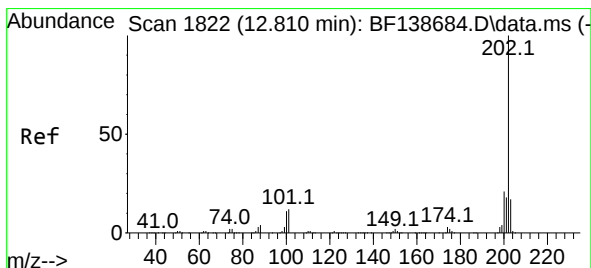
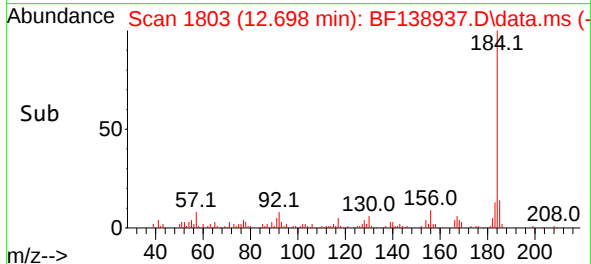
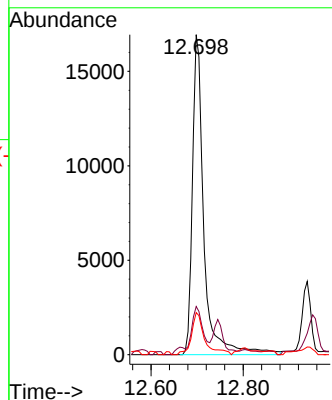
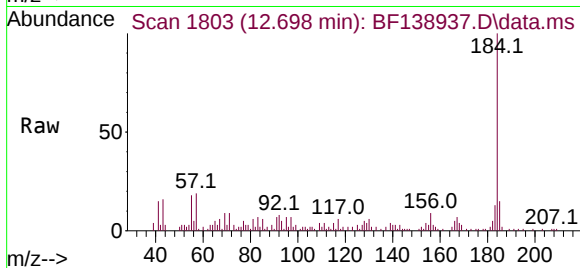




#77
Benzidine
Concen: 16.299 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

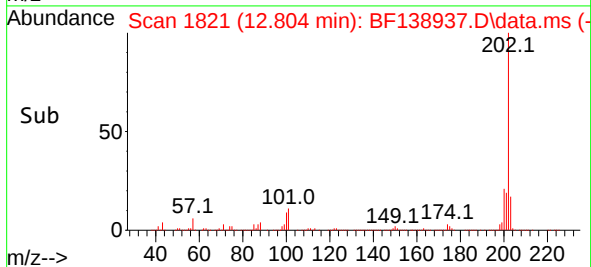
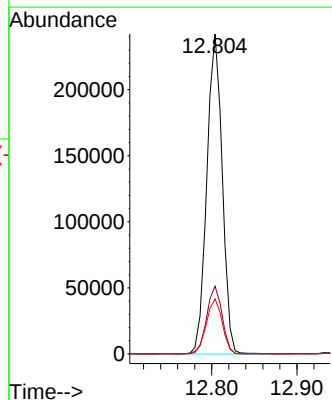
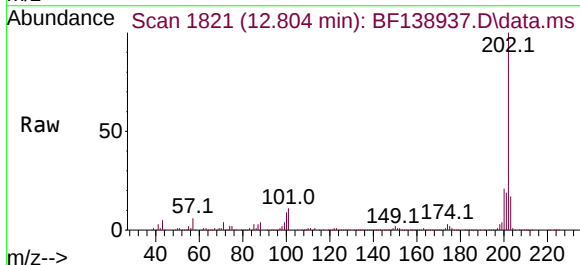
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Tgt Ion:184 Resp: 29235
Ion Ratio Lower Upper
184 100
185 15.1 11.1 16.7
183 13.1 9.6 14.4



#78
Pyrene
Concen: 43.104 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138937.D
Acq: 12 Aug 2024 16:46

Tgt Ion:202 Resp: 304343
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 68.918 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

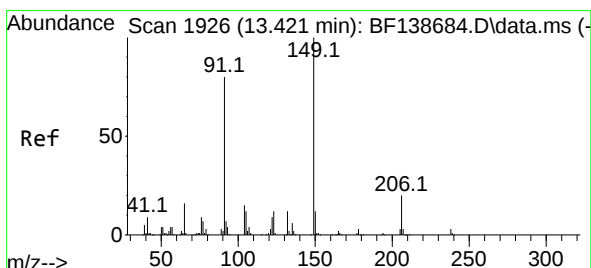
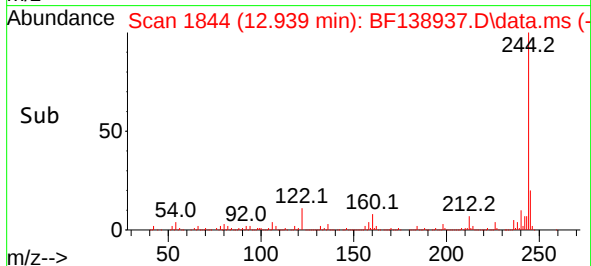
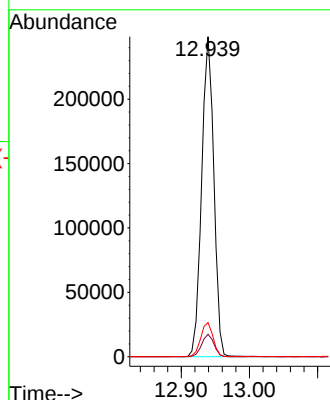
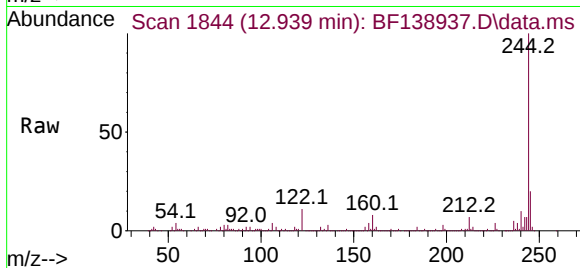
Tgt Ion:244 Resp: 308690

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.7 9.6 14.4



#80

Butylbenzylphthalate

Concen: 61.220 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

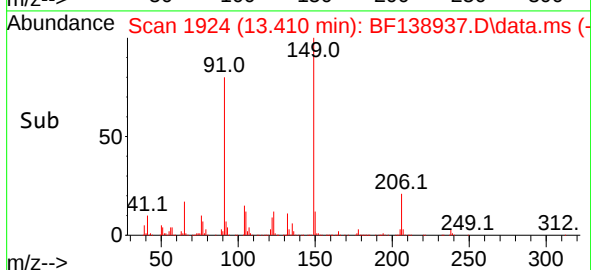
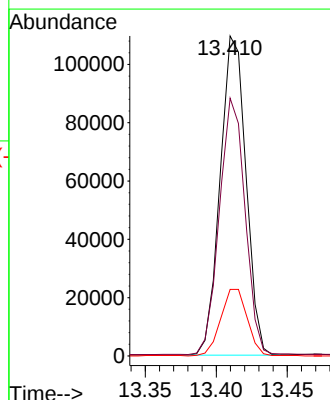
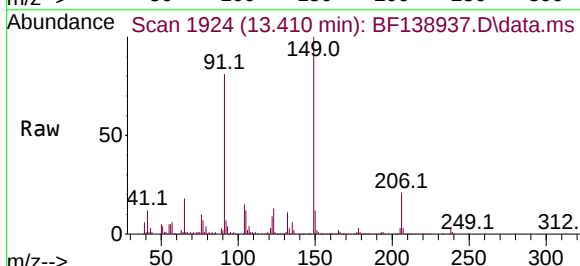
Tgt Ion:149 Resp: 138421

Ion Ratio Lower Upper

149 100

91 80.6 63.7 95.5

206 20.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 54.464 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

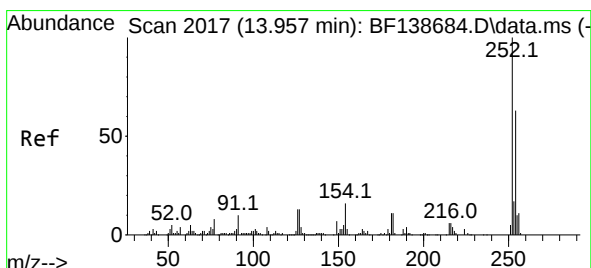
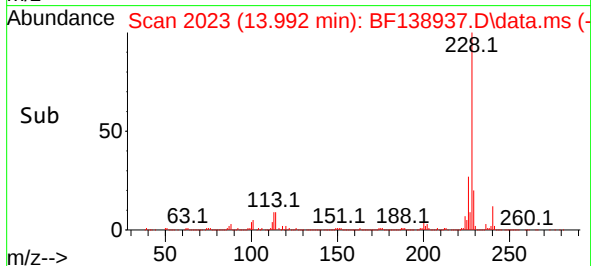
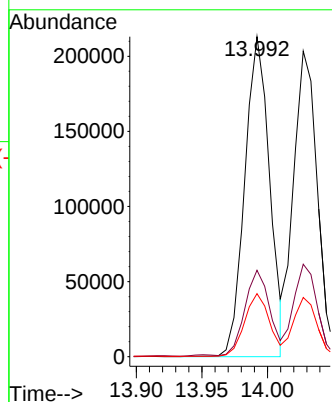
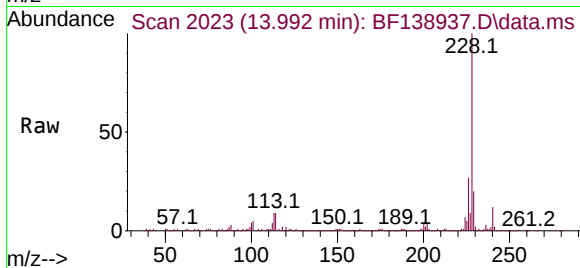
Tgt Ion:228 Resp: 281260

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

229 19.7 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 44.509 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

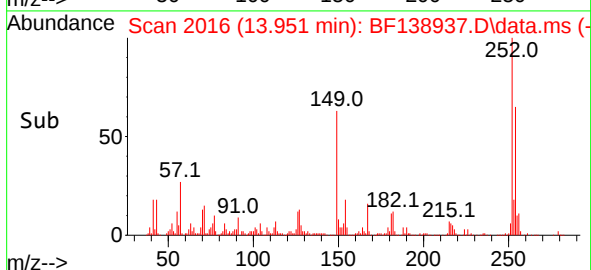
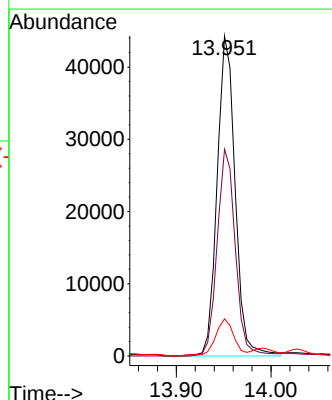
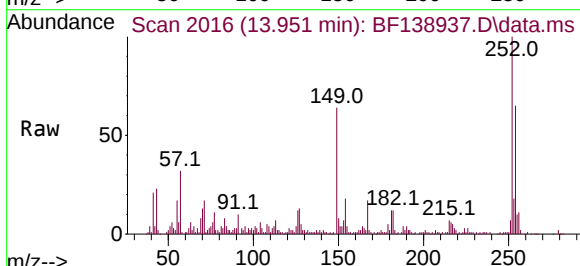
Tgt Ion:252 Resp: 58819

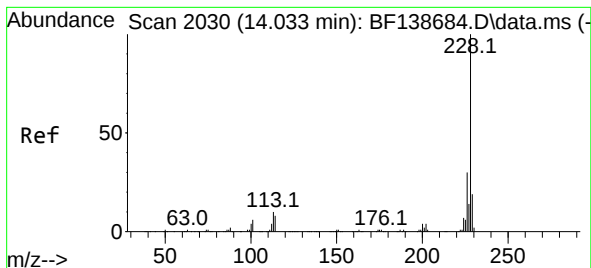
Ion Ratio Lower Upper

252 100

254 64.6 50.8 76.2

126 11.6 10.2 15.2





#83

Chrysene

Concen: 54.731 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

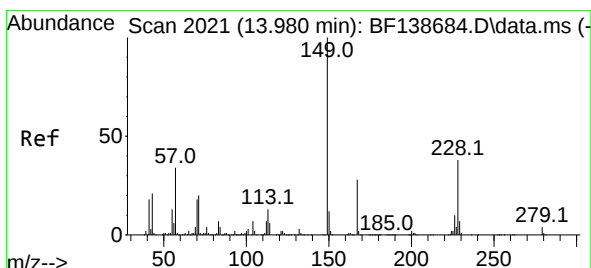
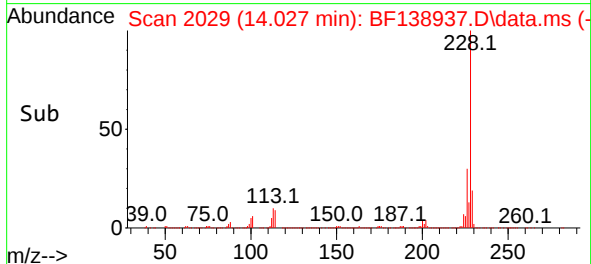
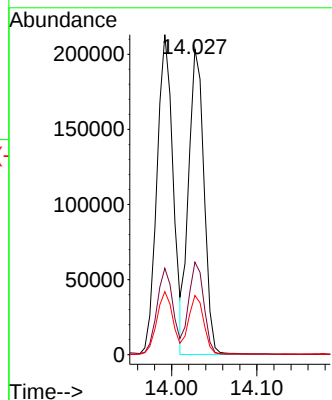
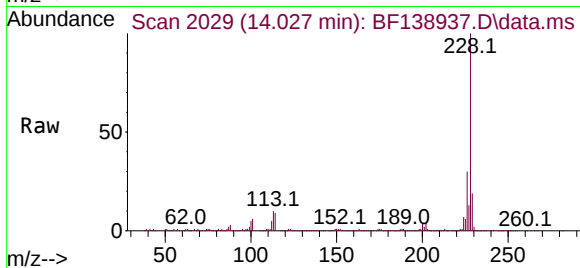
Tgt Ion:228 Resp: 254994

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

229 19.4 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.093 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

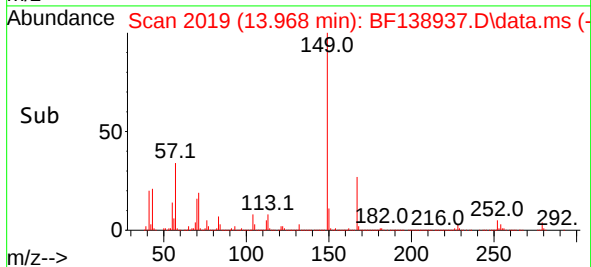
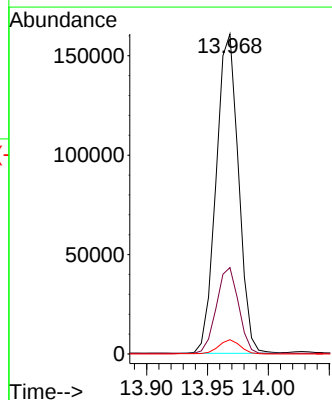
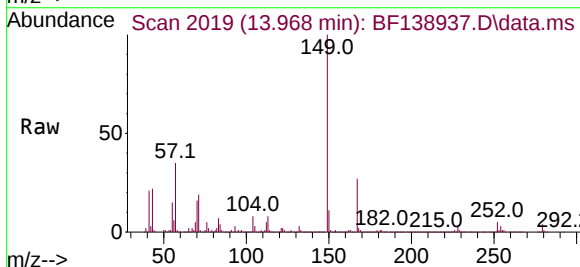
Tgt Ion:149 Resp: 205585

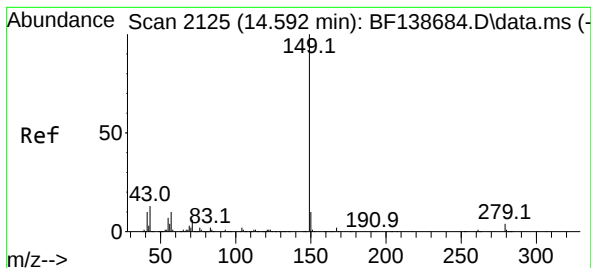
Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.4

279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 51.417 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

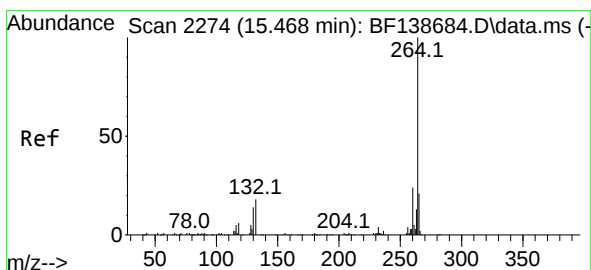
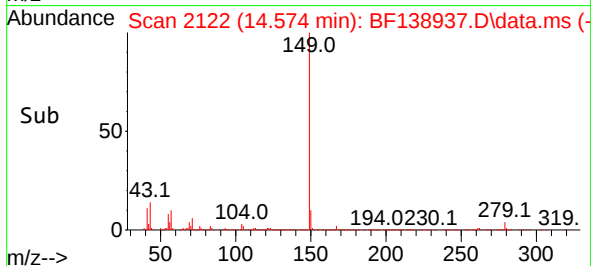
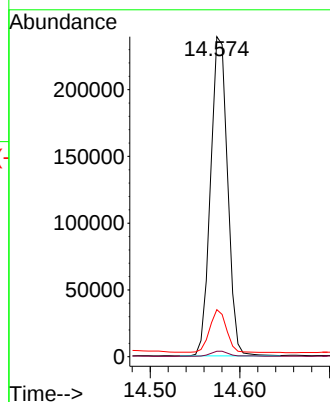
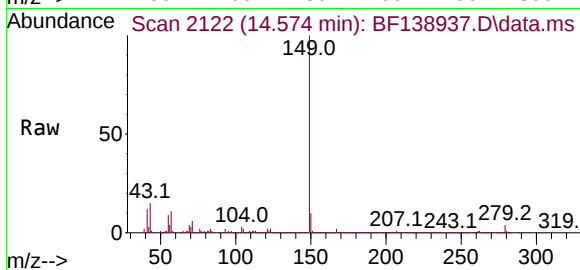
Tgt Ion:149 Resp: 314969

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 13.0 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

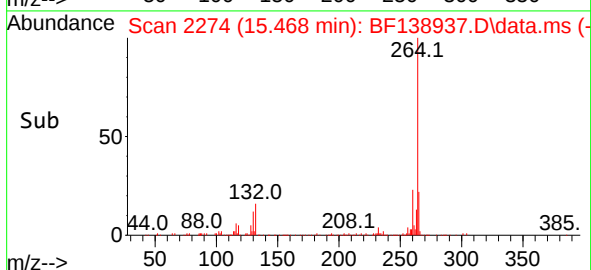
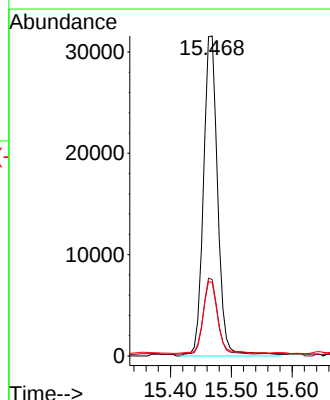
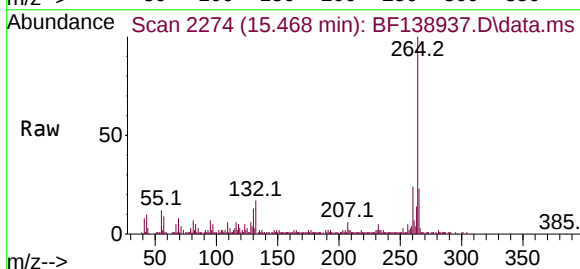
Tgt Ion:264 Resp: 51648

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.431 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

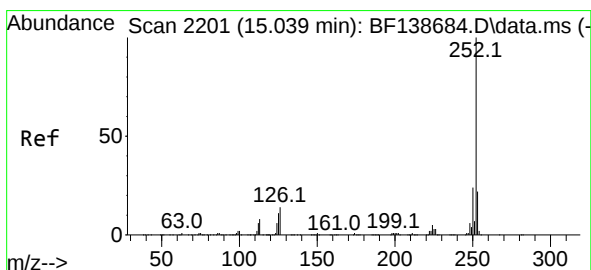
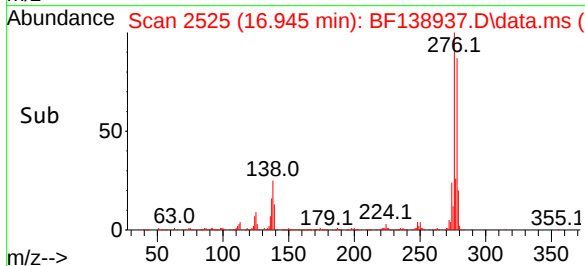
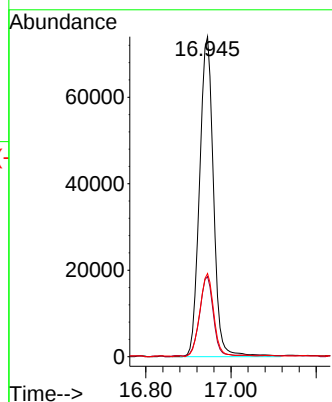
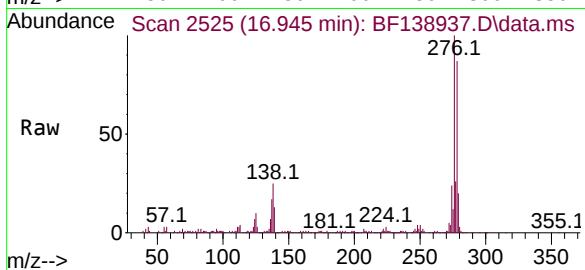
Tgt Ion:276 Resp: 168152

Ion Ratio Lower Upper

276 100

138 24.0 21.8 32.8

277 26.0 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 59.066 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

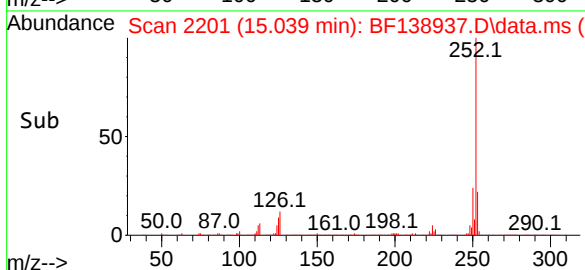
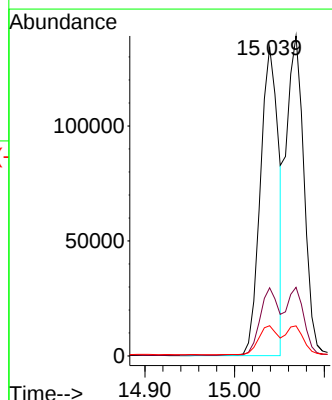
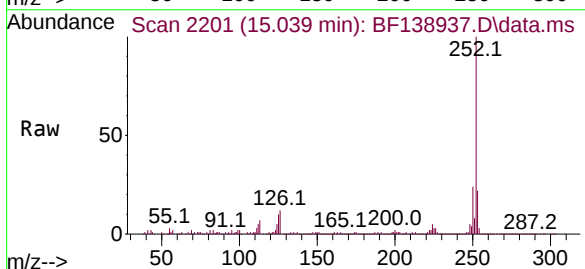
Tgt Ion:252 Resp: 189109

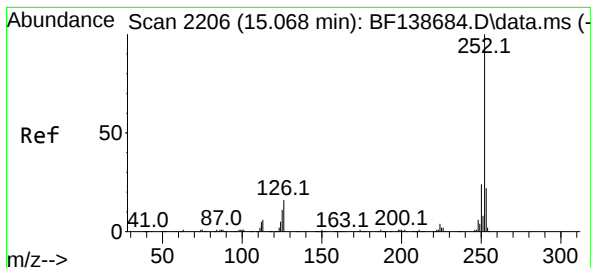
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.8 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 68.321 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MS

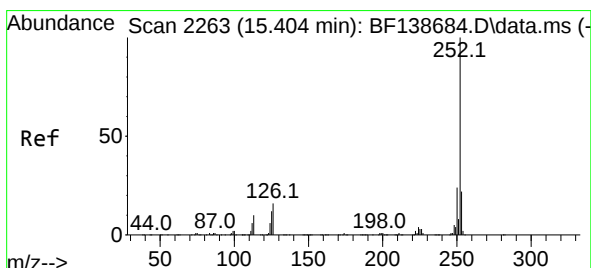
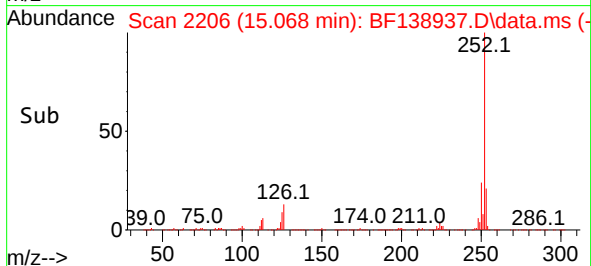
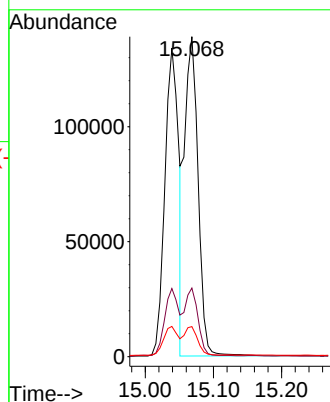
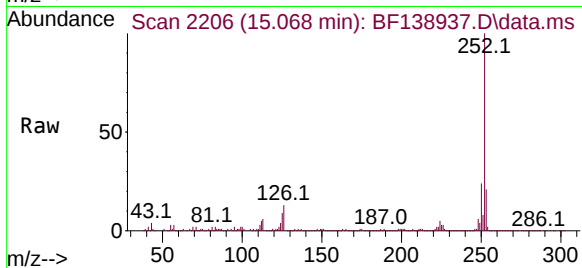
Tgt Ion:252 Resp: 189389

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.4 8.6 13.0



#90

Benzo(a)pyrene

Concen: 60.052 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF138937.D

Acq: 12 Aug 2024 16:46

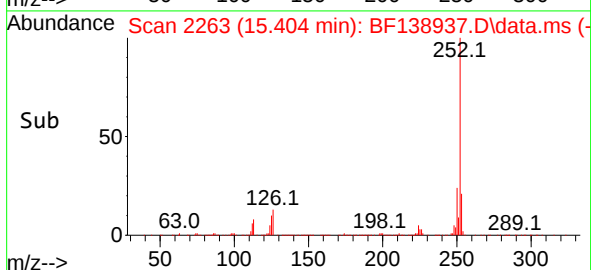
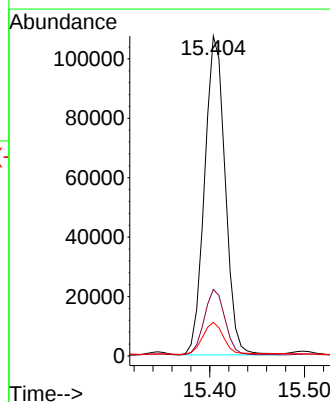
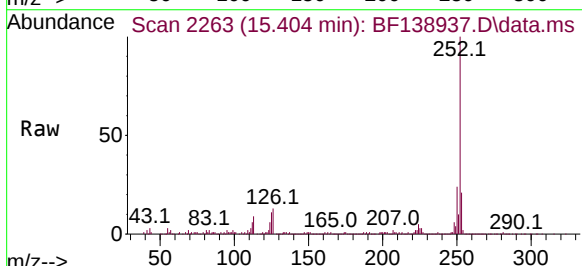
Tgt Ion:252 Resp: 161723

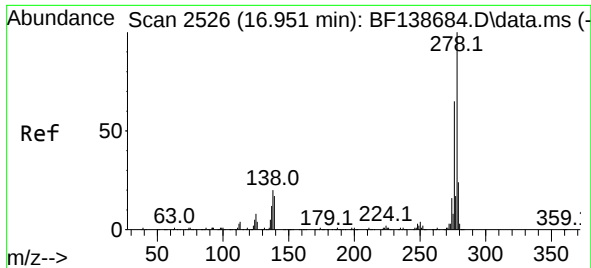
Ion Ratio Lower Upper

252 100

253 20.8 17.3 25.9

125 10.5 9.5 14.3

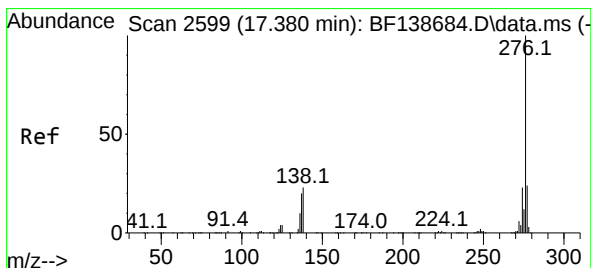
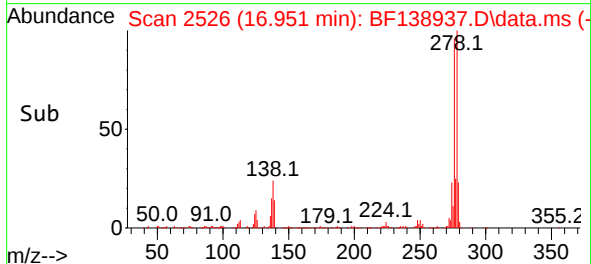
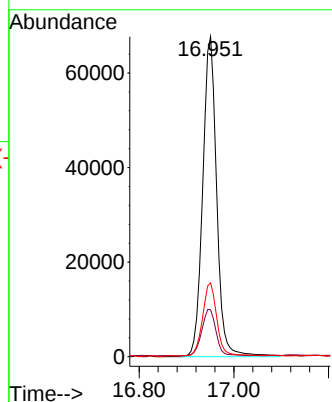
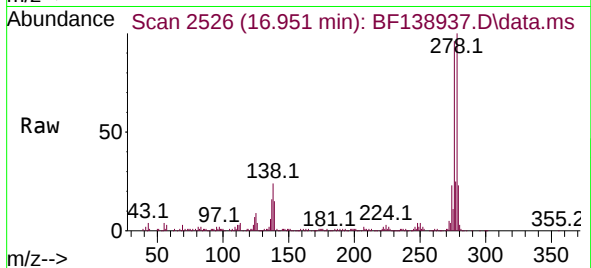




#91
 Dibenzo(a,h)anthracene
 Concen: 45.599 ng
 RT: 16.951 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138937.D
 Acq: 12 Aug 2024 16:46

Instrument :
 BNA_F
 ClientSampleId :
 B-105-SB02MS

Tgt Ion:278 Resp: 138544
 Ion Ratio Lower Upper
 278 100
 139 14.7 14.0 21.0
 279 23.1 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 39.562 ng
 RT: 17.386 min Scan# 2600
 Delta R.T. 0.006 min
 Lab File: BF138937.D
 Acq: 12 Aug 2024 16:46

Tgt Ion:276 Resp: 124732
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.0 28.4
 138 20.9 18.5 27.7

