

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138938.D
 Acq On : 12 Aug 2024 17:16
 Operator : RC/JU
 Sample : P3394-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-105-SB02MSD

Quant Time: Aug 12 17:50:08 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	42957	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	165199	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	76059	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	105350	20.000	ng	0.00
76) Chrysene-d12	14.004	240	76391	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	54264	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	294788	105.932	ng	0.01
7) Phenol-d6	6.492	99	390285	104.460	ng	0.00
23) Nitrobenzene-d5	7.410	82	259302	76.741	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	60420	96.978	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	432486	85.435	ng	-0.01
79) Terphenyl-d14	12.939	244	333698	73.137	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	46342	38.037	ng	# 95
3) Pyridine	3.410	79	123265	41.766	ng	97
4) n-Nitrosodimethylamine	3.375	42	102594	58.366	ng	84
6) Aniline	6.510	93	104282	31.297	ng	# 6
8) 2-Chlorophenol	6.634	128	155493	53.108	ng	98
9) Benzaldehyde	6.398	77	7806	3.485	ng	100
10) Phenol	6.504	94	198559	50.475	ng	85
11) bis(2-Chloroethyl)ether	6.581	93	151177	49.940	ng	99
12) 1,3-Dichlorobenzene	6.781	146	164026	50.048	ng	98
13) 1,4-Dichlorobenzene	6.857	146	166595	50.370	ng	99
14) 1,2-Dichlorobenzene	7.010	146	158985	51.434	ng	99
15) Benzyl Alcohol	6.992	79	148457	55.130	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	253116	48.586	ng	# 50
17) 2-Methylphenol	7.110	107	120782	49.958	ng	# 83
18) Hexachloroethane	7.345	117	65730	52.795	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	120886	53.570	ng	97
20) 3+4-Methylphenols	7.263	107	163155	52.598	ng	# 78
22) Acetophenone	7.257	105	217470	53.764	ng	99
24) Nitrobenzene	7.428	77	179699	52.264	ng	98
25) Isophorone	7.669	82	311800	54.042	ng	99
26) 2-Nitrophenol	7.745	139	80454	54.388	ng	92
27) 2,4-Dimethylphenol	7.787	122	102832	58.101	ng	95
28) bis(2-Chloroethoxy)met...	7.875	93	186590	53.106	ng	99
29) 2,4-Dichlorophenol	7.992	162	122963	54.067	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	135918	51.787	ng	99
31) Naphthalene	8.145	128	456730	52.524	ng	99
32) Benzoic acid	7.934	122	53588	38.518	ng	# 79
33) 4-Chloroaniline	8.204	127	57888	19.832	ng	98
34) Hexachlorobutadiene	8.257	225	85282	53.647	ng	99
35) Caprolactam	8.581	113	34052	50.179	ng	96
36) 4-Chloro-3-methylphenol	8.692	107	128987	49.626	ng	99
37) 2-Methylnaphthalene	8.834	142	280920	51.154	ng	99
38) 1-Methylnaphthalene	8.934	142	254367	47.268	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	117702	55.708	ng	98
41) Hexachlorocyclopentadiene	8.981	237	21033	41.301	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	72650	56.396	ng	98

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Quant Time: Aug 12 17:50:08 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)
44) 2,4,5-Trichlorophenol	9.175	196	69742	49.522	ng	99
46) 1,1'-Biphenyl	9.298	154	320757	53.847	ng	99
47) 2-Chloronaphthalene	9.322	162	247637	55.896	ng	99
48) 2-Nitroaniline	9.428	65	85483	56.916	ng	95
49) Acenaphthylene	9.739	152	351366	55.919	ng	99
50) Dimethylphthalate	9.598	163	299946	61.675	ng	99
51) 2,6-Dinitrotoluene	9.669	165	59318	54.045	ng	89
52) Acenaphthene	9.910	154	215147	50.936	ng	100
53) 3-Nitroaniline	9.839	138	44016	38.793	ng	92
54) 2,4-Dinitrophenol	9.957	184	31464	62.275	ng	# 84
55) Dibenzofuran	10.081	168	309225	51.862	ng	98
56) 4-Nitrophenol	10.022	139	46304	67.864	ng	85
57) 2,4-Dinitrotoluene	10.075	165	72195	51.556	ng	# 82
58) Fluorene	10.422	166	237169	49.951	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	52710	48.957	ng	98
60) Diethylphthalate	10.298	149	272927	59.187	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	121783	52.151	ng	96
62) 4-Nitroaniline	10.457	138	44263	41.051	ng	85
63) Azobenzene	10.575	77	256706	50.193	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	25430	39.566	ng	88
66) n-Nitrosodiphenylamine	10.533	169	200355	60.842	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	62414	54.720	ng	96
68) Hexachlorobenzene	10.975	284	62297	52.898	ng	96
69) Atrazine	11.063	200	57723	67.941	ng	97
70) Pentachlorophenol	11.175	266	45792	86.264	ng	97
71) Phenanthrene	11.386	178	296816	54.716	ng	100
72) Anthracene	11.439	178	299109	55.970	ng	99
73) Carbazole	11.598	167	258856	56.144	ng	99
74) Di-n-butylphthalate	11.916	149	345970	66.750	ng	99
75) Fluoranthene	12.574	202	308338	60.885	ng	98
77) Benzidine	12.698	184	31153	17.050	ng	96
78) Pyrene	12.804	202	318020	44.216	ng	99
80) Butylbenzylphthalate	13.416	149	148673	64.550	ng	96
81) Benzo(a)anthracene	13.992	228	269448	51.222	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	62818	46.664	ng	98
83) Chrysene	14.027	228	251042	52.896	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	216925	64.318	ng	98
85) Di-n-octyl phthalate	14.580	149	320186	51.312	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	171253	44.038	ng	96
88) Benzo(b)fluoranthene	15.039	252	206249	61.314	ng	99
89) Benzo(k)fluoranthene	15.068	252	160258	55.025	ng	99
90) Benzo(a)pyrene	15.404	252	156531	55.322	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	138974	43.536	ng	98
92) Benzo(g,h,i)perylene	17.392	276	127999	38.641	ng	96

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

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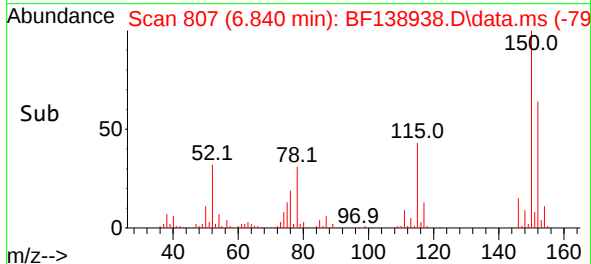
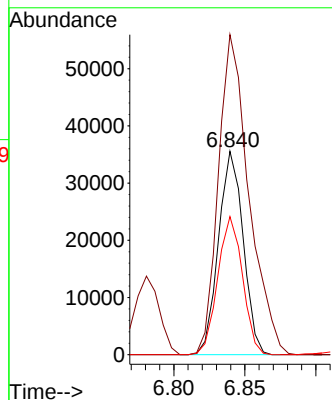
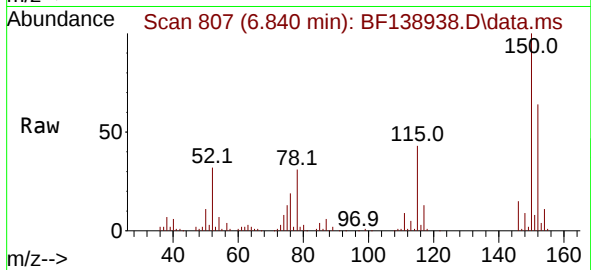




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

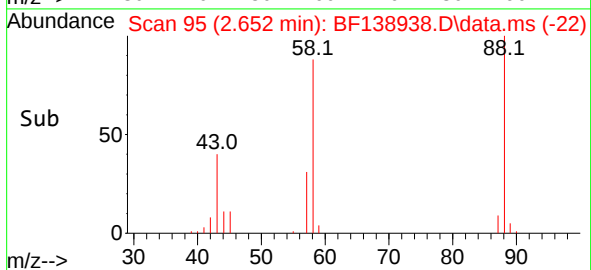
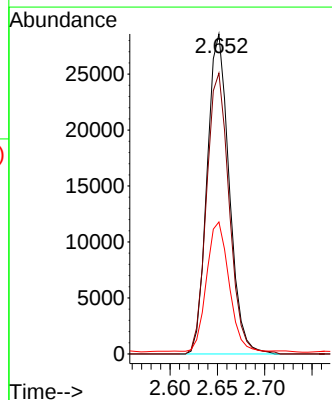
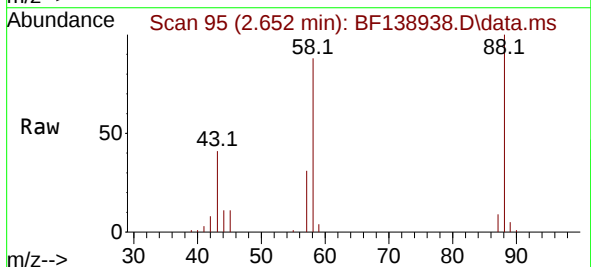
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

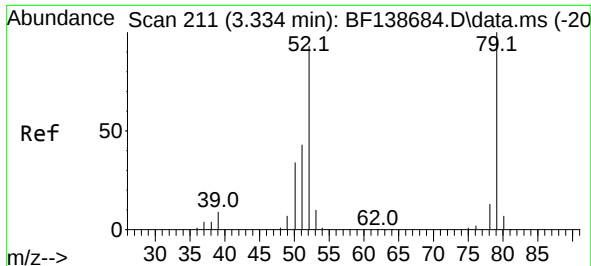
Tgt Ion:152 Resp: 42957
Ion Ratio Lower Upper
152 100
150 157.4 126.0 189.0
115 67.9 51.7 77.5



#2
1,4-Dioxane
Concen: 38.037 ng
RT: 2.652 min Scan# 95
Delta R.T. 0.076 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion: 88 Resp: 46342
Ion Ratio Lower Upper
88 100
58 90.2 71.6 107.4
43 44.2 28.7 43.1#





#3

Pyridine

Concen: 41.766 ng

RT: 3.410 min Scan# 211

Delta R.T. 0.076 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

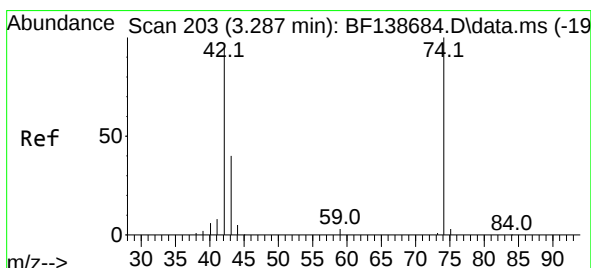
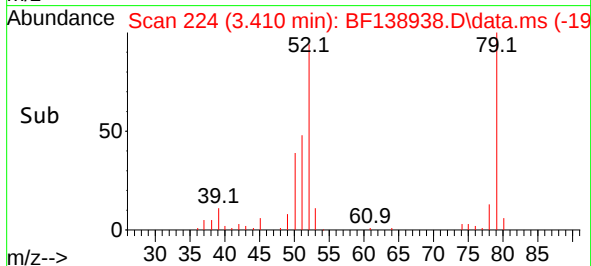
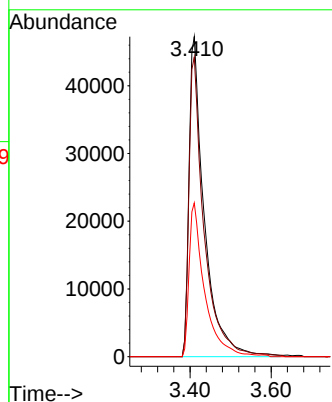
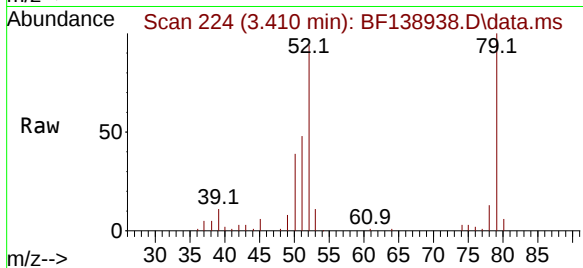
Tgt Ion: 79 Resp: 123265

Ion Ratio Lower Upper

79 100

52 93.6 74.7 112.1

51 48.1 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 58.366 ng

RT: 3.375 min Scan# 218

Delta R.T. 0.088 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

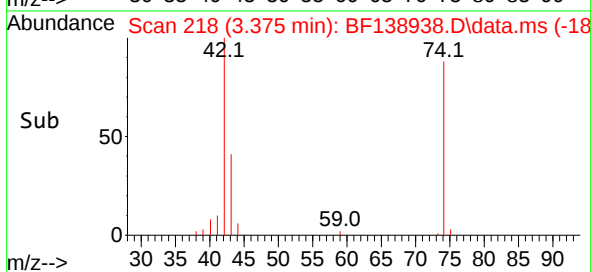
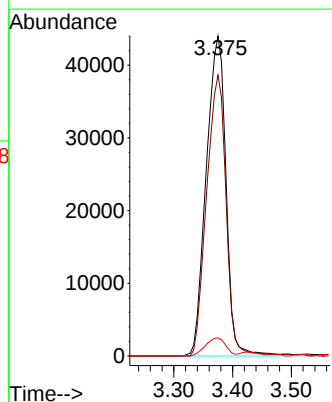
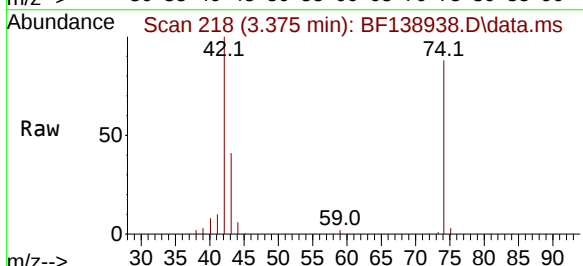
Tgt Ion: 42 Resp: 102594

Ion Ratio Lower Upper

42 100

74 87.7 84.2 126.4

44 5.7 4.9 7.3

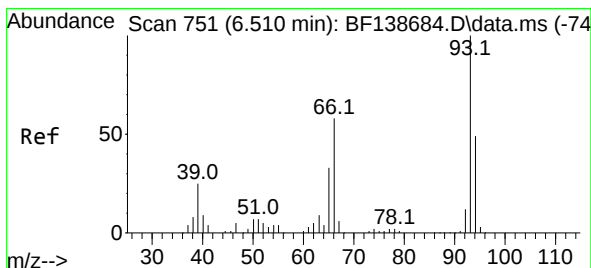
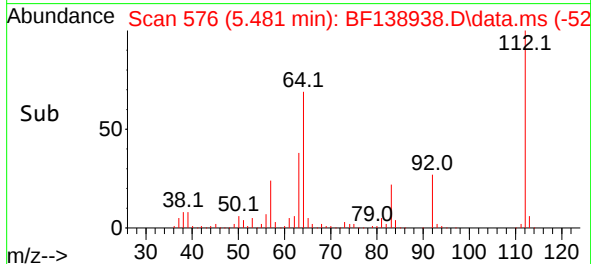
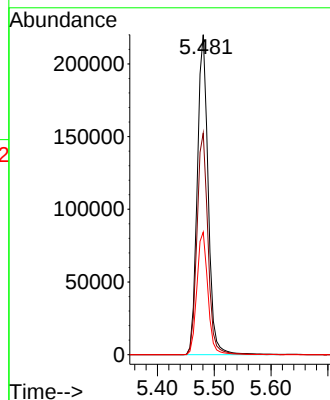
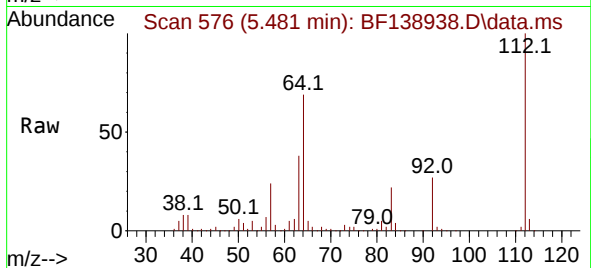




#5
2-Fluorophenol
Concen: 105.932 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

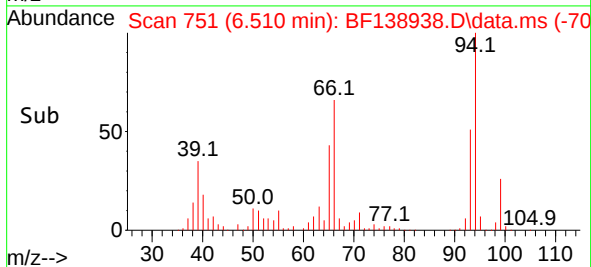
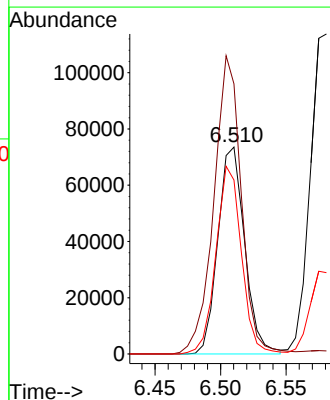
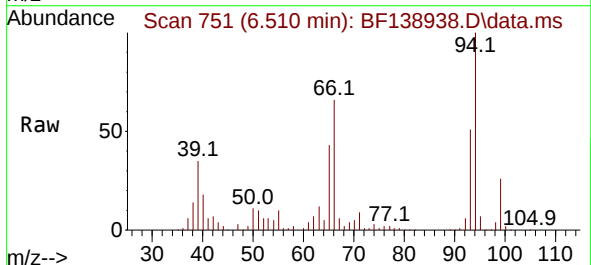
Instrument :
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B-105-SB02MSD

Tgt Ion:112 Resp: 294788
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 38.3 28.7 43.1



#6
Aniline
Concen: 31.297 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion: 93 Resp: 104282
Ion Ratio Lower Upper
93 100
66 130.5 46.9 70.3#
65 84.0 26.5 39.7#

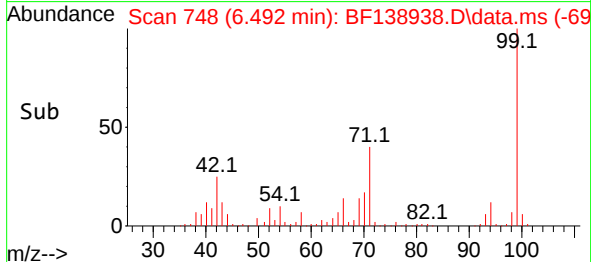
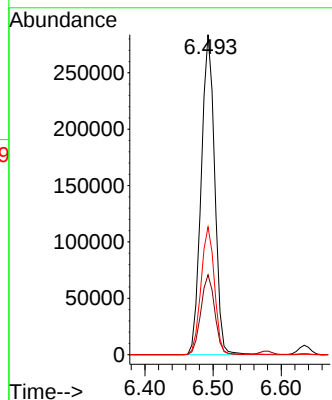
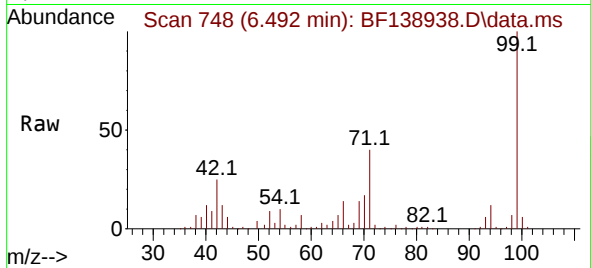




#7
Phenol-d6
Concen: 104.460 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

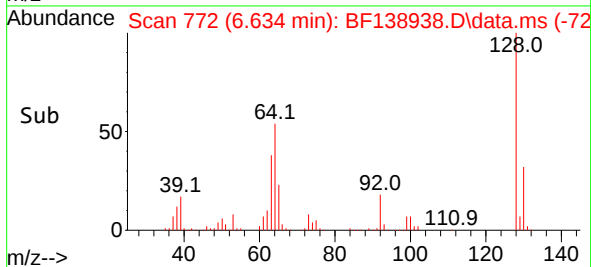
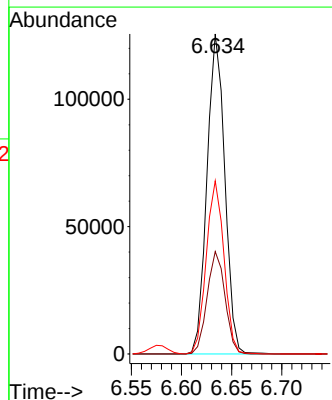
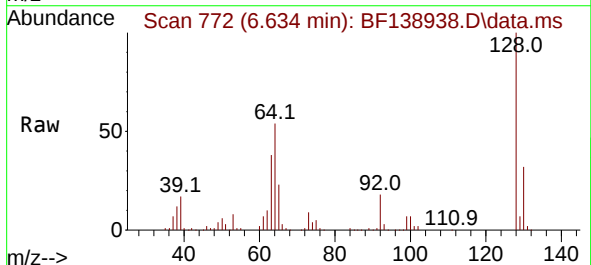
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

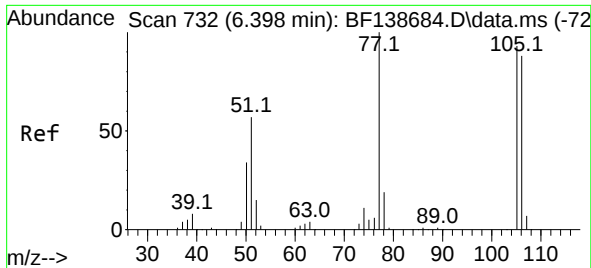
Tgt Ion: 99 Resp: 390285
Ion Ratio Lower Upper
99 100
42 24.9 17.4 26.0
71 39.9 28.1 42.1



#8
2-Chlorophenol
Concen: 53.108 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion: 128 Resp: 155493
Ion Ratio Lower Upper
128 100
130 32.0 12.0 52.0
64 54.1 36.3 76.3





#9

Benzaldehyde

Concen: 3.485 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

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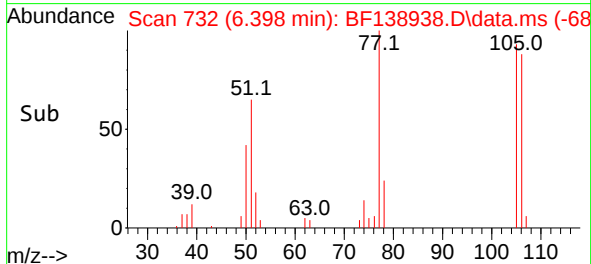
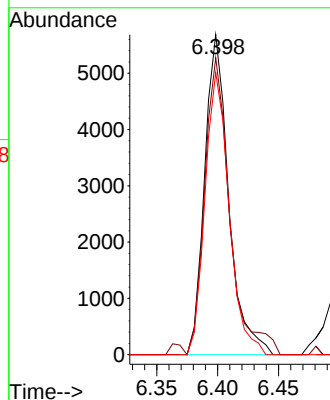
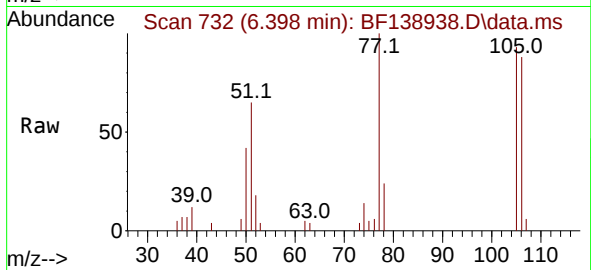
Tgt Ion: 77 Resp: 7806

Ion Ratio Lower Upper

77 100

105 92.8 72.9 112.9

106 88.1 68.4 108.4



#10

Phenol

Concen: 50.475 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

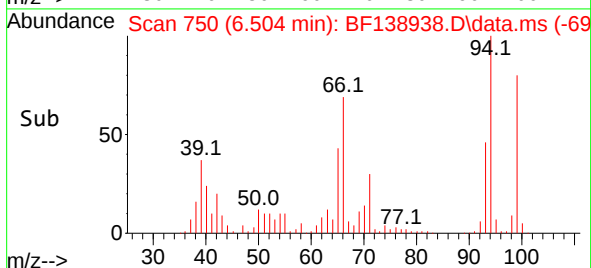
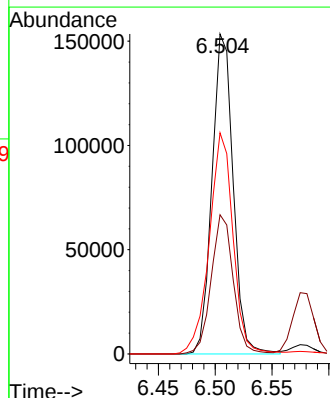
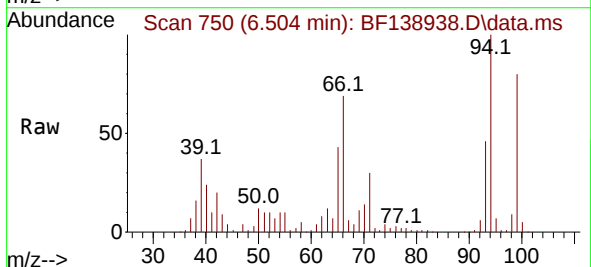
Tgt Ion: 94 Resp: 198559

Ion Ratio Lower Upper

94 100

65 43.5 16.9 56.9

66 69.1 36.5 76.5

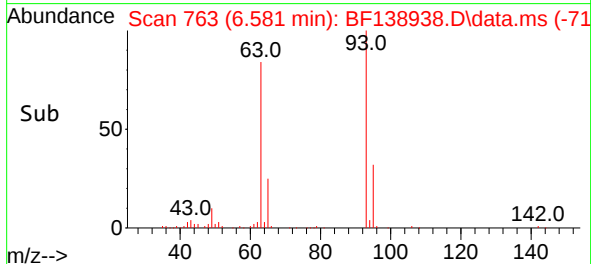
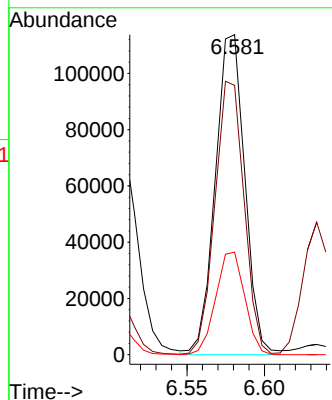
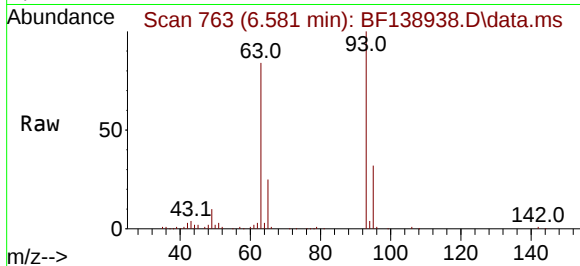




#11
bis(2-Chloroethyl)ether
Concen: 49.940 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF138938.D
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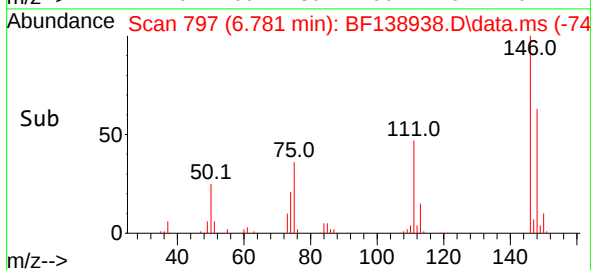
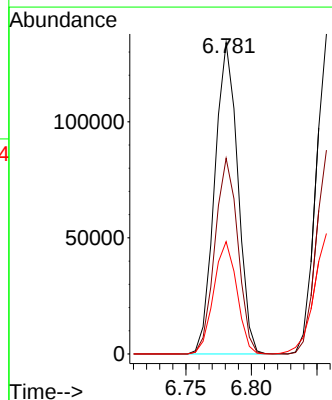
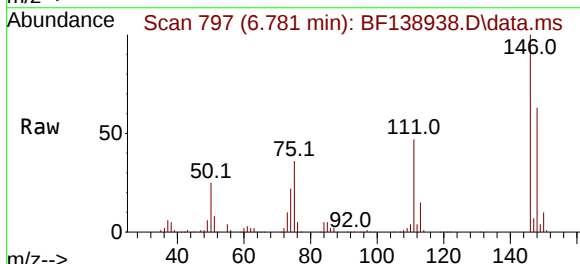
Instrument :
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Tgt Ion: 93 Resp: 151177
Ion Ratio Lower Upper
93 100
63 84.2 65.3 105.3
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 50.048 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:146 Resp: 164026
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
75 36.1 27.4 41.2

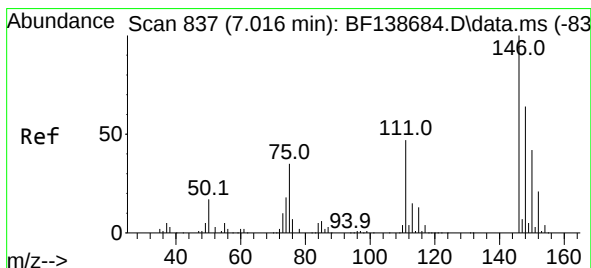
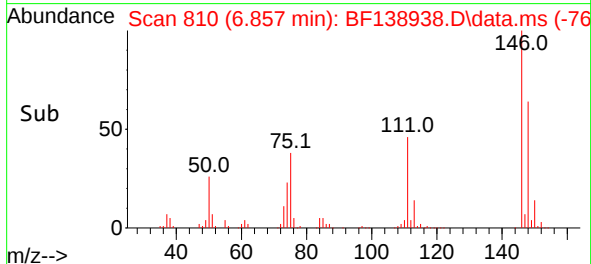
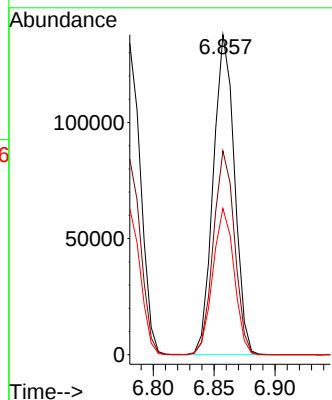
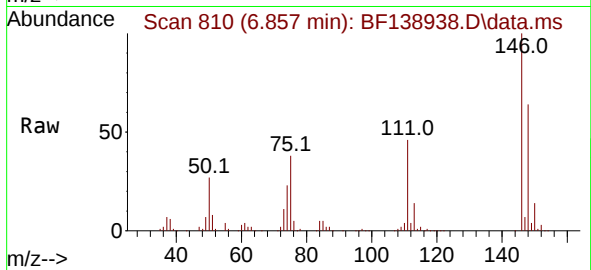




#13
1,4-Dichlorobenzene
Concen: 50.370 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

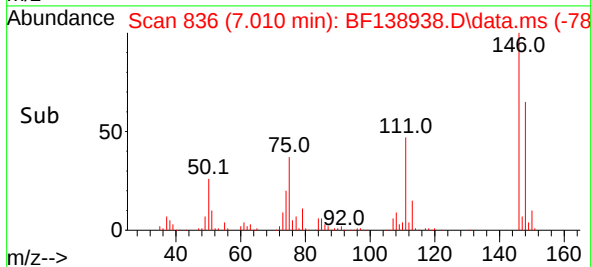
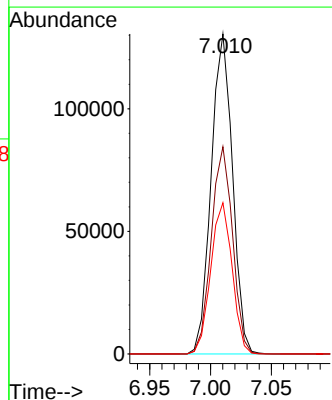
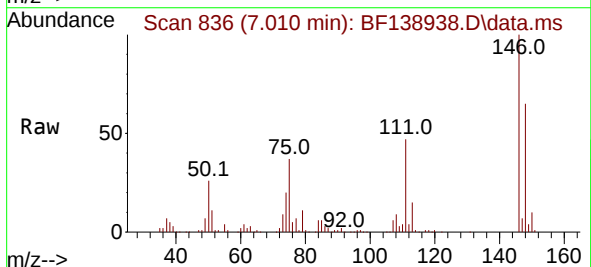
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

Tgt Ion:146 Resp: 166595
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.2
111 45.7 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 51.434 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:146 Resp: 158985
Ion Ratio Lower Upper
146 100
148 64.8 50.8 76.2
111 47.3 37.4 56.2

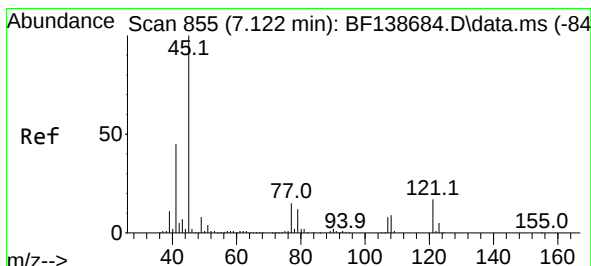
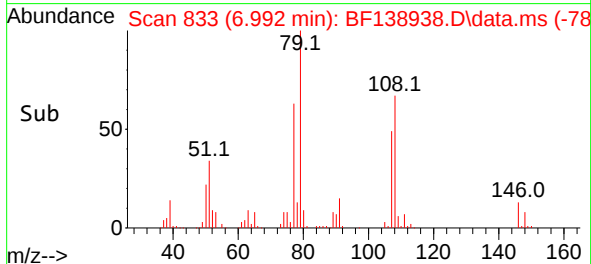
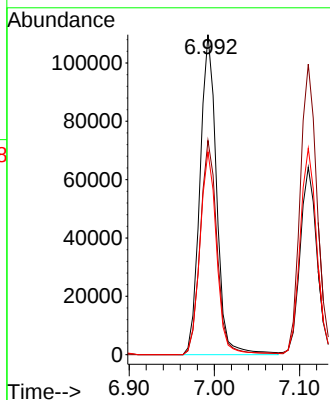
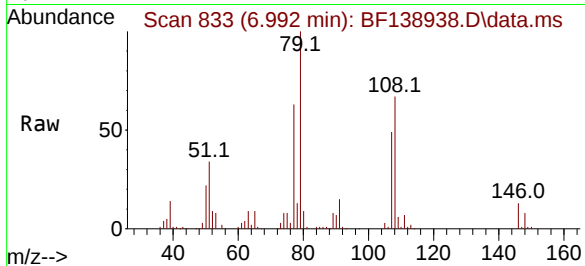




#15
Benzyl Alcohol
Concen: 55.130 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

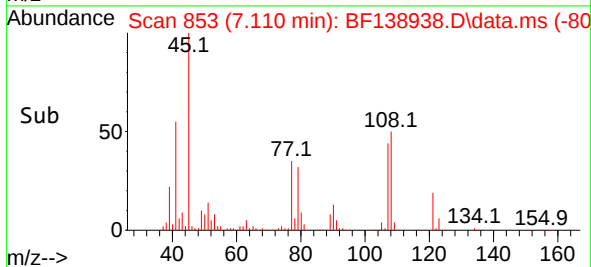
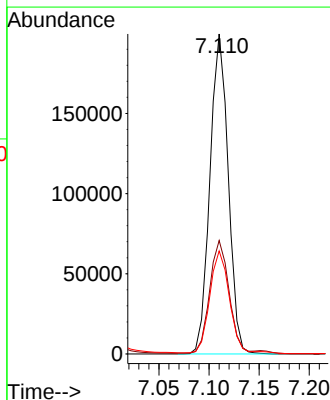
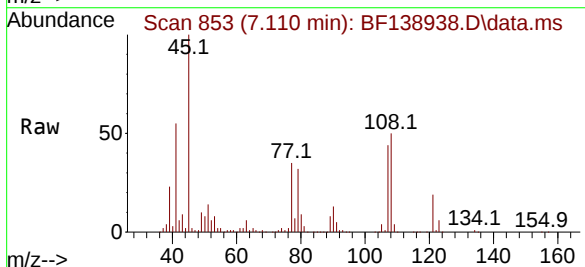
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

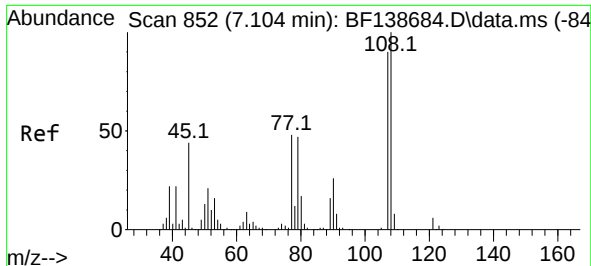
Tgt Ion: 79 Resp: 148457
Ion Ratio Lower Upper
79 100
108 67.0 56.6 85.0
77 63.4 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.586 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

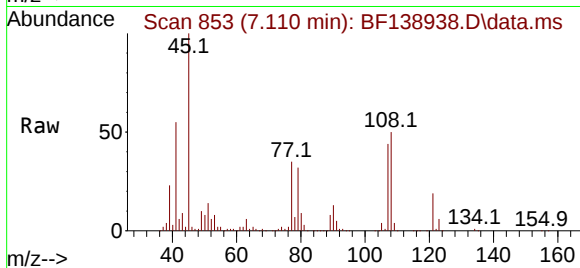
Tgt Ion: 45 Resp: 253116
Ion Ratio Lower Upper
45 100
77 35.5 0.0 34.9#
79 32.2 0.0 32.2#



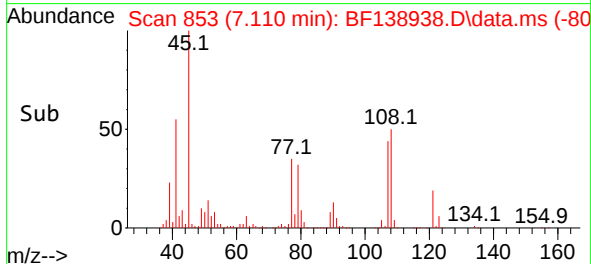
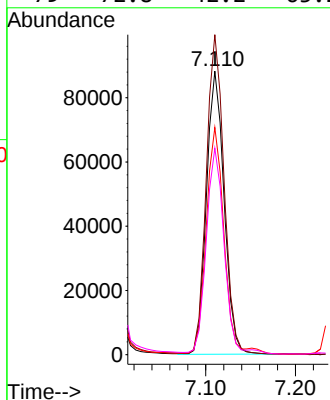


#17
2-Methylphenol
Concen: 49.958 ng
RT: 7.110 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

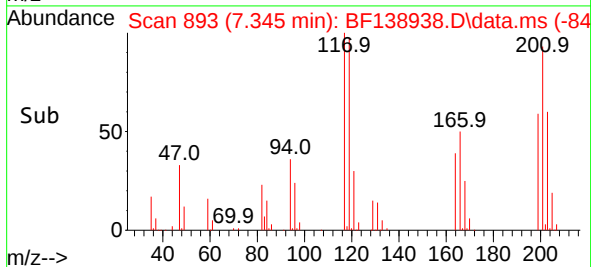
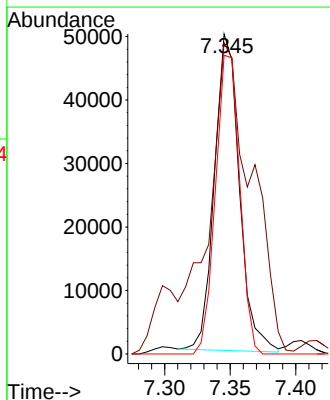
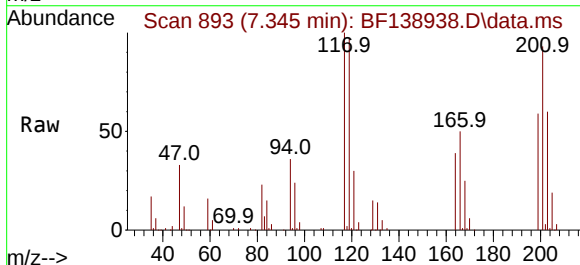


Tgt Ion:	107	Resp:	120782
Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.2	133.8
77	80.2	43.0	64.4#
79	72.8	42.2	63.2#



#18
Hexachloroethane
Concen: 52.795 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:	117	Resp:	65730
Ion	Ratio	Lower	Upper
117	100		
119	97.2	74.6	111.8
201	93.3	77.2	115.8

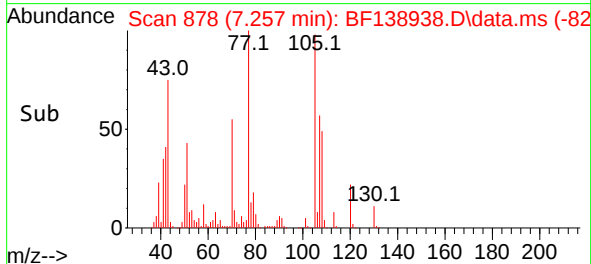
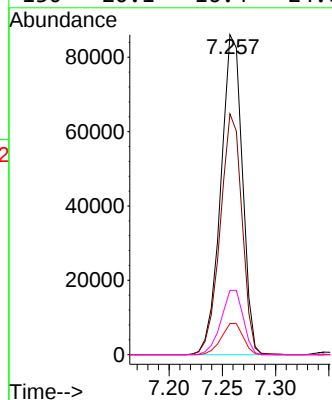
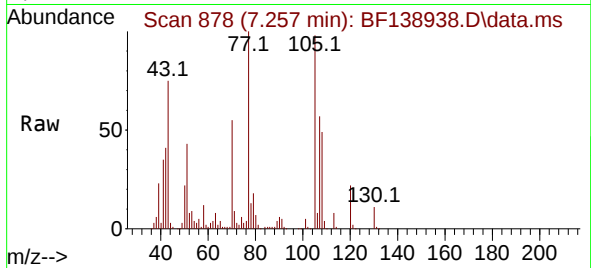




#19
n-Nitroso-di-n-propylamine
Concen: 53.570 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

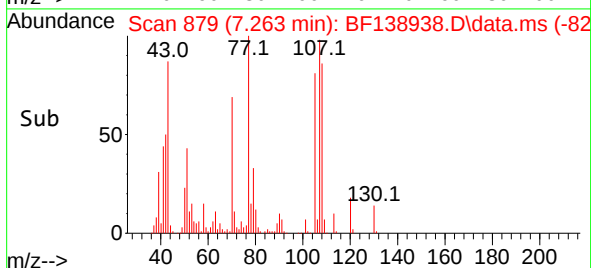
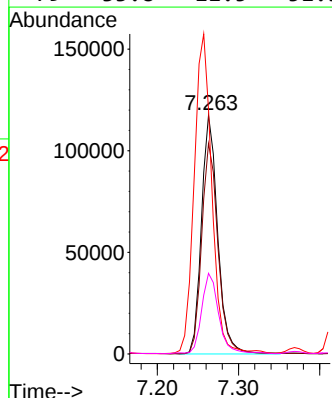
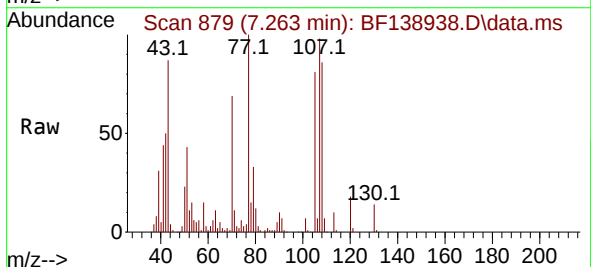
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

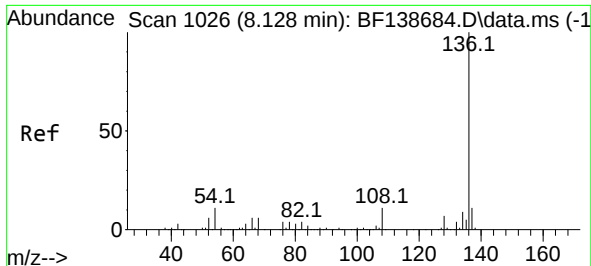
Tgt Ion: 70 Resp: 120886
Ion Ratio Lower Upper
70 100
42 75.2 57.4 86.0
101 9.8 7.5 11.3
130 20.1 16.4 24.6



#20
3+4-Methylphenols
Concen: 52.598 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:107 Resp: 163155
Ion Ratio Lower Upper
107 100
108 88.2 68.2 108.2
77 102.4 132.1 172.1#
79 33.8 11.5 51.5

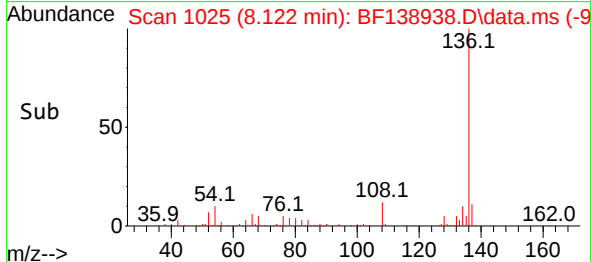
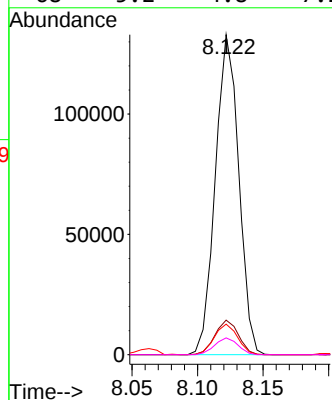
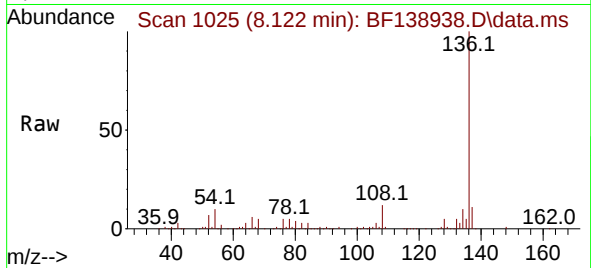




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

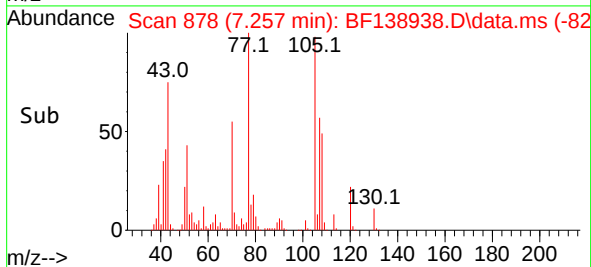
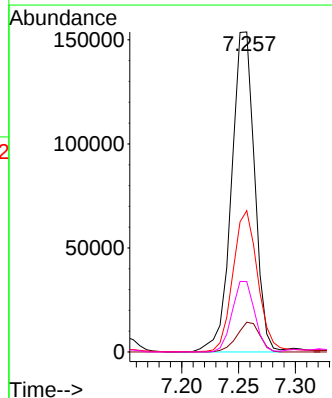
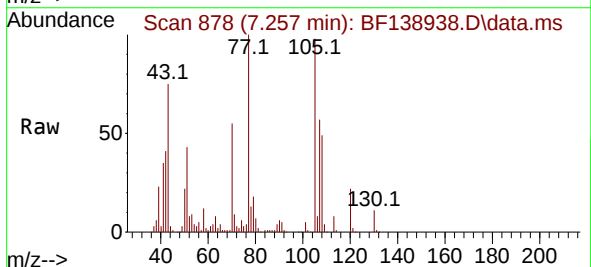
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

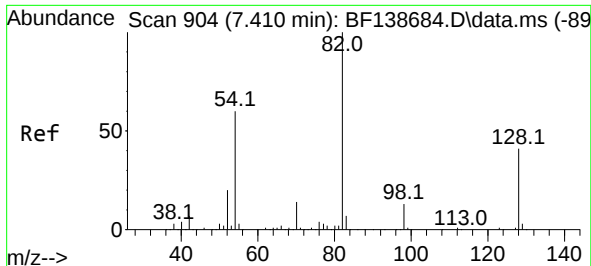
Tgt Ion:	136	Resp:	165199
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.6	8.6	12.8
68	5.2	4.8	7.2



#22
Acetophenone
Concen: 53.764 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:	105	Resp:	217470
Ion Ratio	Lower	Upper	
105	100		
71	9.3	7.2	10.8
51	44.2	35.9	53.9
120	22.0	17.6	26.4





#23

Nitrobenzene-d5

Concen: 76.741 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

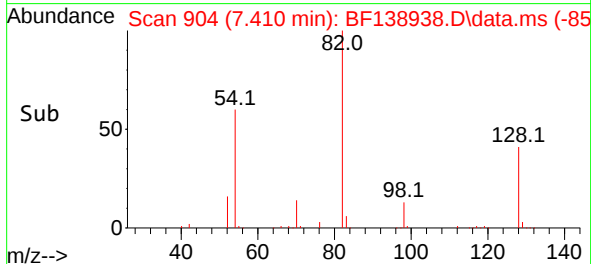
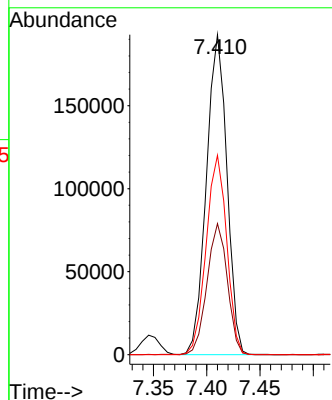
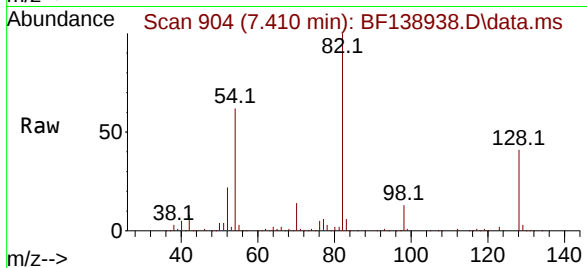
Tgt Ion: 82 Resp: 259302

Ion Ratio Lower Upper

82 100

128 41.0 32.8 49.2

54 62.3 48.3 72.5



#24

Nitrobenzene

Concen: 52.264 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

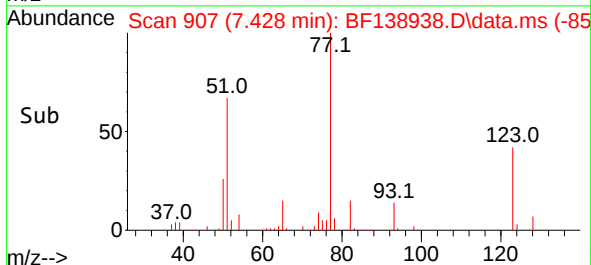
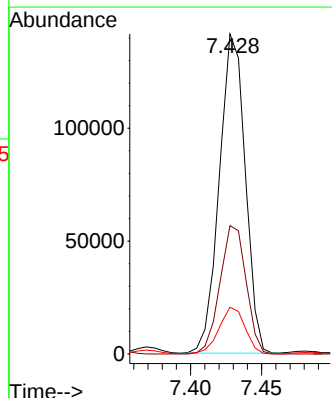
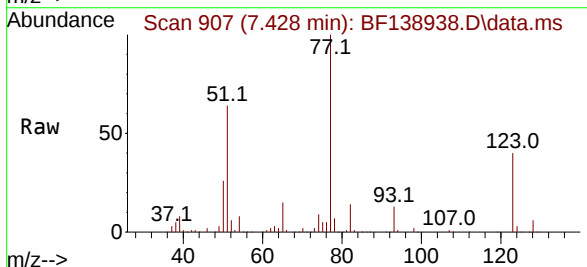
Tgt Ion: 77 Resp: 179699

Ion Ratio Lower Upper

77 100

123 40.1 33.3 49.9

65 14.6 11.9 17.9

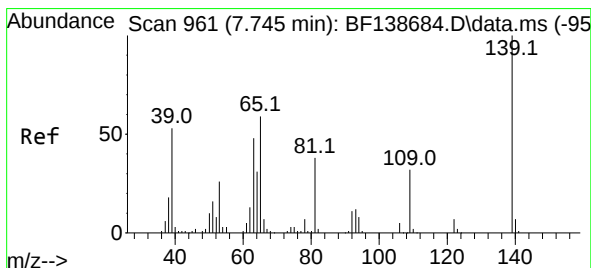
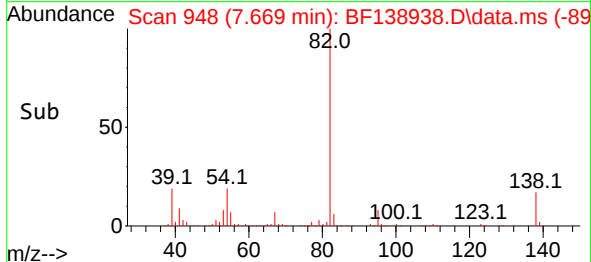
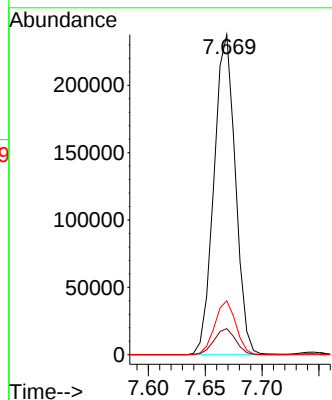
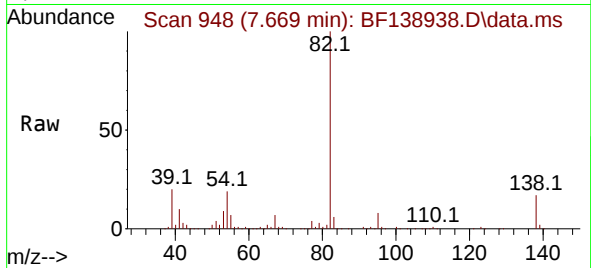




#25
Isophorone
Concen: 54.042 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

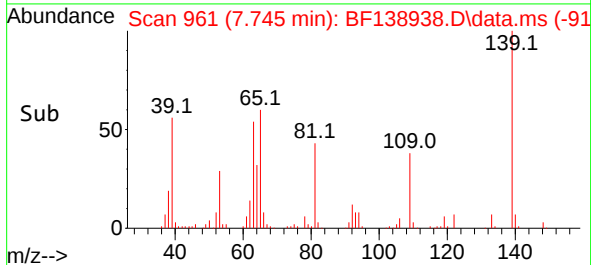
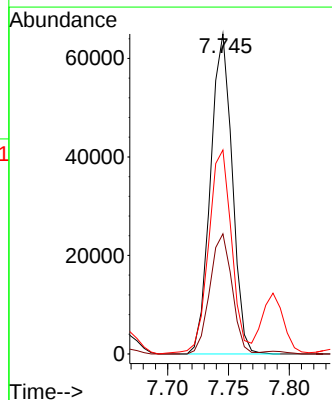
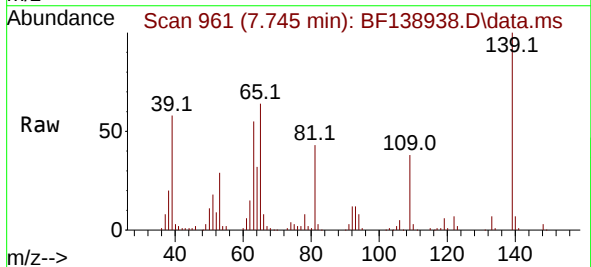
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

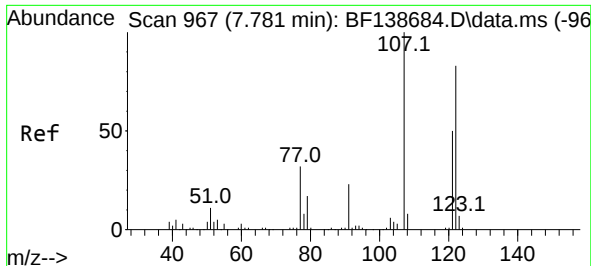
Tgt Ion: 82 Resp: 311800
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.9 13.7 20.5



#26
2-Nitrophenol
Concen: 54.388 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion: 139 Resp: 80454
Ion Ratio Lower Upper
139 100
109 37.5 25.9 38.9
65 63.7 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 58.101 ng

RT: 7.787 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

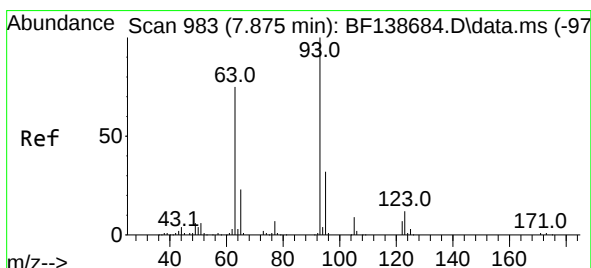
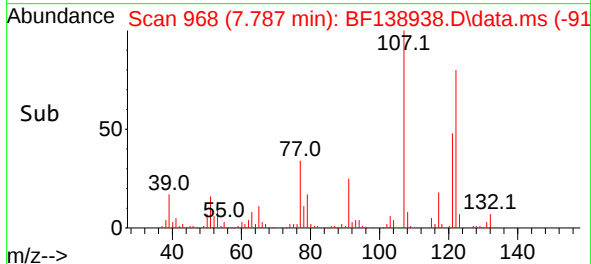
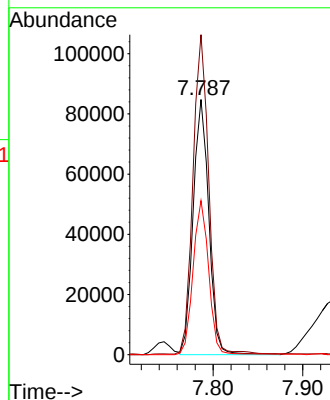
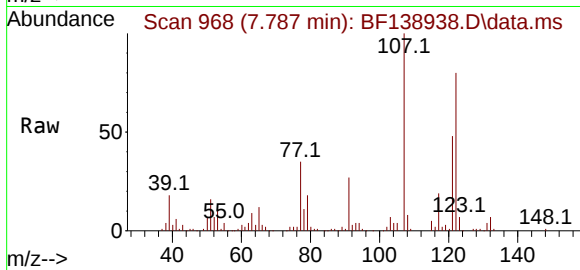
Tgt Ion:122 Resp: 102832

Ion Ratio Lower Upper

122 100

107 125.4 95.0 142.6

121 60.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 53.106 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

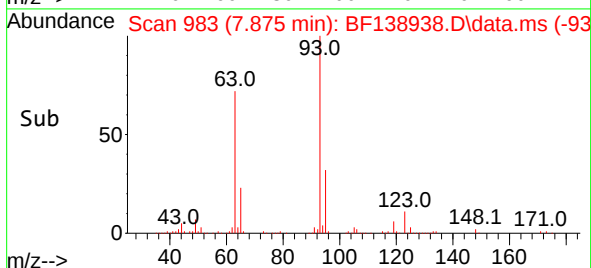
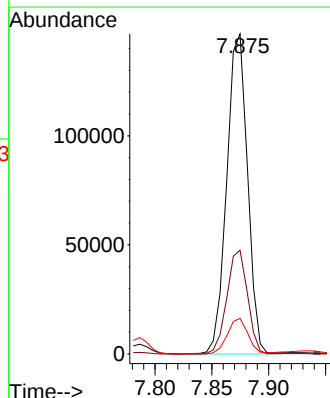
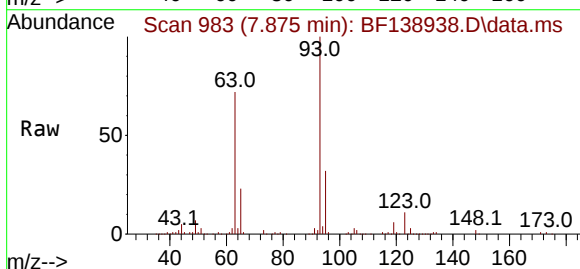
Tgt Ion: 93 Resp: 186590

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 54.067 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

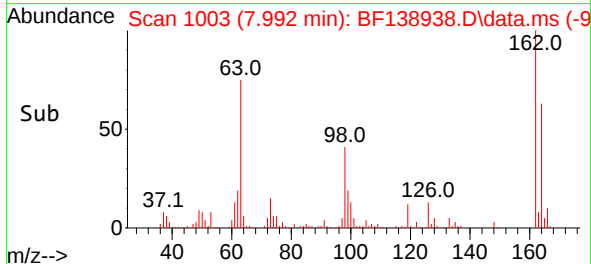
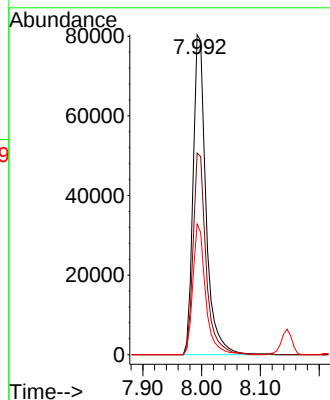
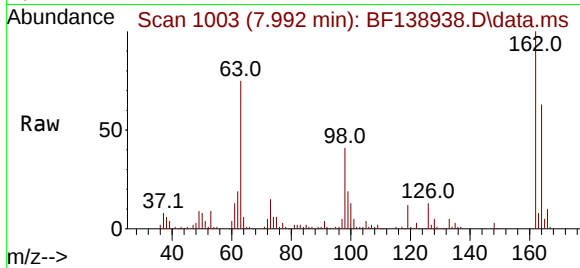
Tgt Ion:162 Resp: 122963

Ion Ratio Lower Upper

162 100

164 63.0 44.7 84.7

98 40.9 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 51.787 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

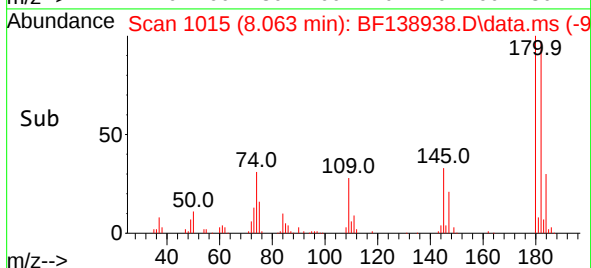
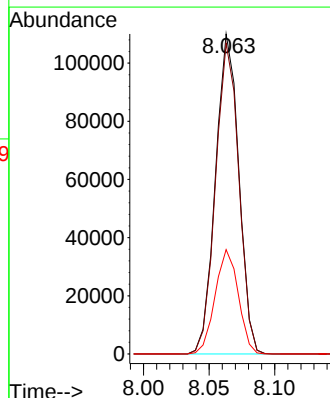
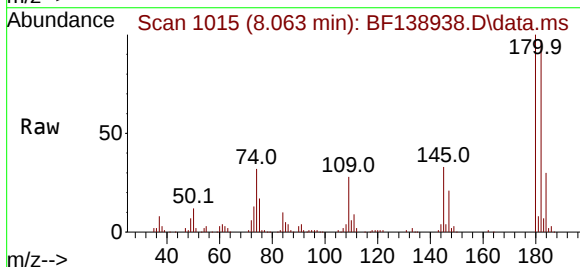
Tgt Ion:180 Resp: 135918

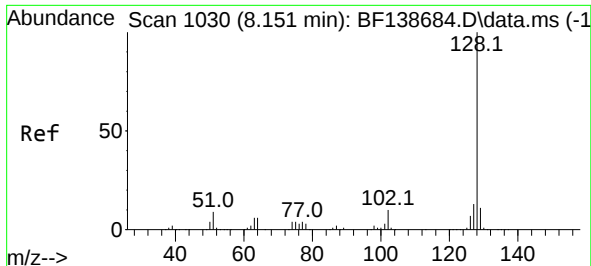
Ion Ratio Lower Upper

180 100

182 97.1 76.9 115.3

145 32.6 25.0 37.4

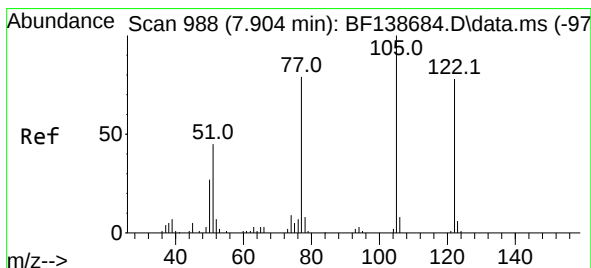
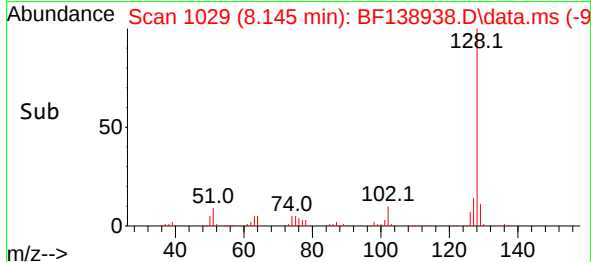
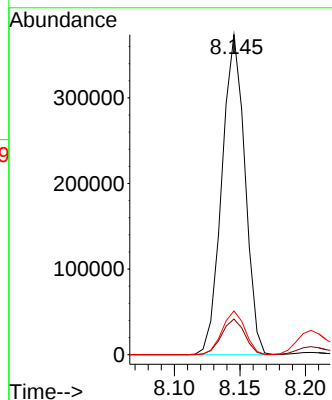
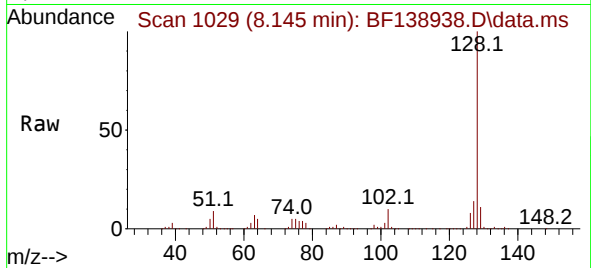




#31
Naphthalene
Concen: 52.524 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

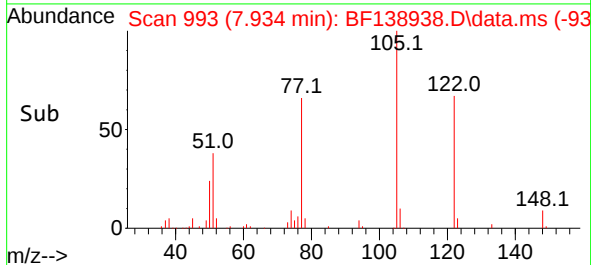
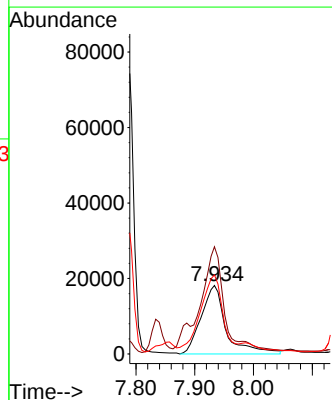
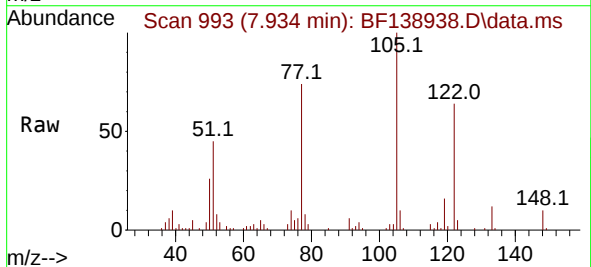
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

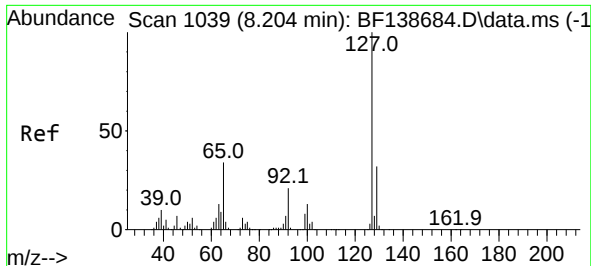
Tgt Ion:128 Resp: 456730
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 38.518 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.030 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:122 Resp: 53588
Ion Ratio Lower Upper
122 100
105 156.6 106.7 146.7#
77 115.5 81.1 121.1

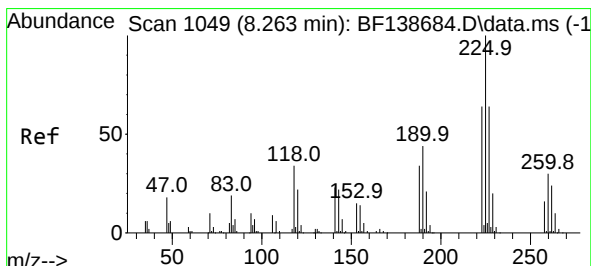
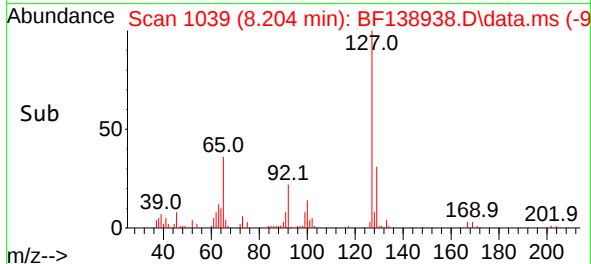
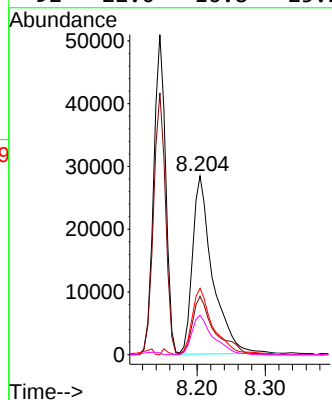
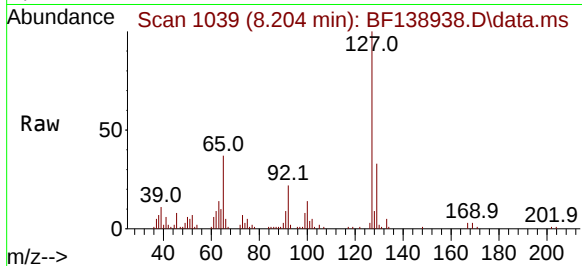




#33
4-Chloroaniline
Concen: 19.832 ng
RT: 8.204 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

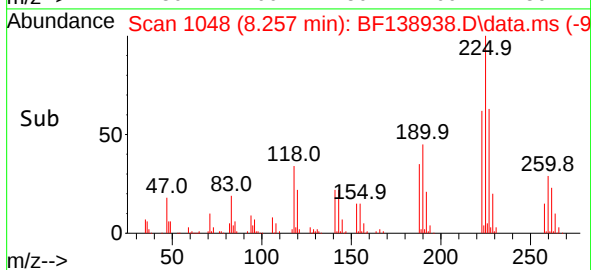
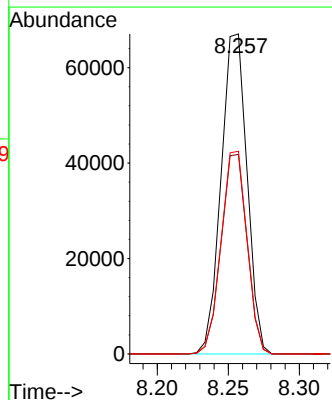
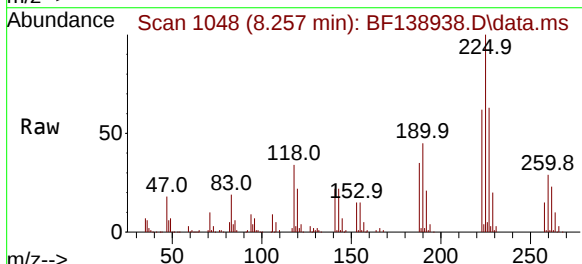
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

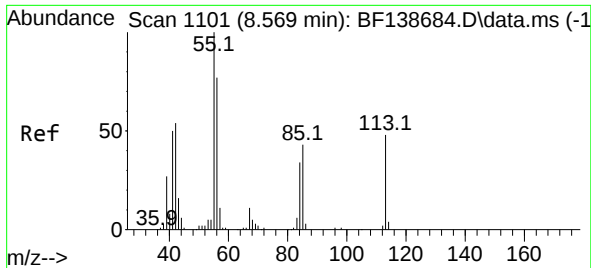
Tgt Ion:	127	Resp:	57888
Ion Ratio	Lower	Upper	
127	100		
129	32.6	25.9	38.9
65	37.2	27.6	41.4
92	22.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 53.647 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:	225	Resp:	85282
Ion Ratio	Lower	Upper	
225	100		
223	62.4	51.2	76.8
227	63.4	51.1	76.7

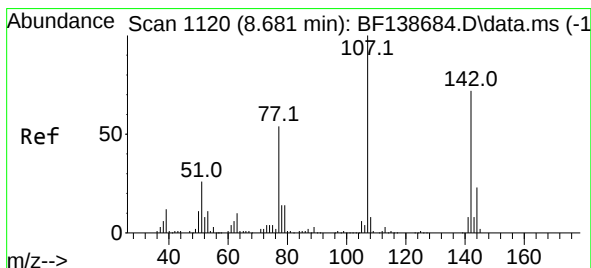
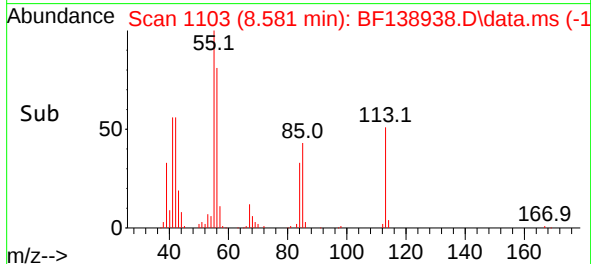
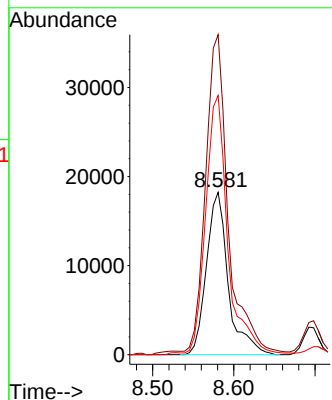
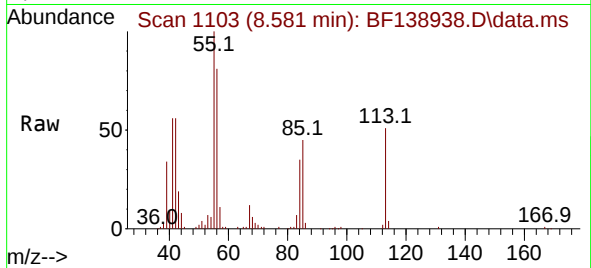




#35
 Caprolactam
 Concen: 50.179 ng
 RT: 8.581 min Scan# 1101
 Delta R.T. 0.012 min
 Lab File: BF138938.D
 Acq: 12 Aug 2024 17:16

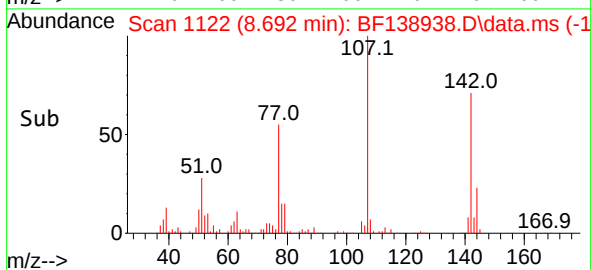
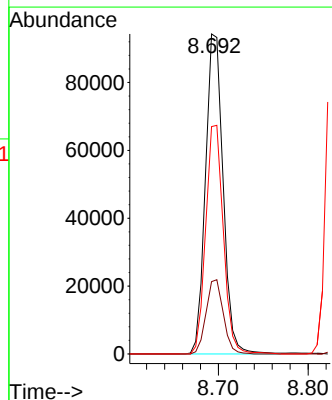
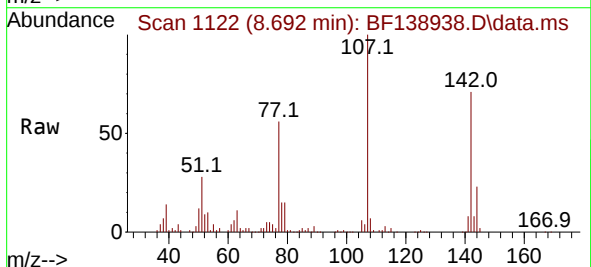
Instrument :
 BNA_F
 ClientSampleId :
 B-105-SB02MSD

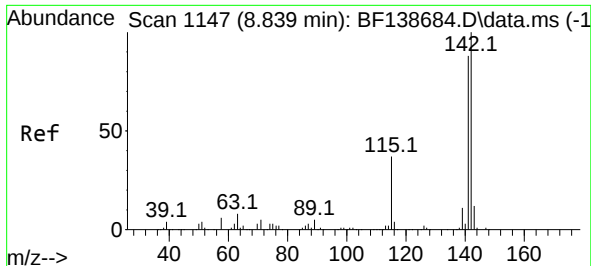
Tgt Ion:113 Resp: 34052
 Ion Ratio Lower Upper
 113 100
 55 197.1 186.7 226.7
 56 159.6 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 49.626 ng
 RT: 8.692 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF138938.D
 Acq: 12 Aug 2024 17:16

Tgt Ion:107 Resp: 128987
 Ion Ratio Lower Upper
 107 100
 144 22.6 18.2 27.2
 142 71.0 57.4 86.2





#37

2-Methylnaphthalene

Concen: 51.154 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

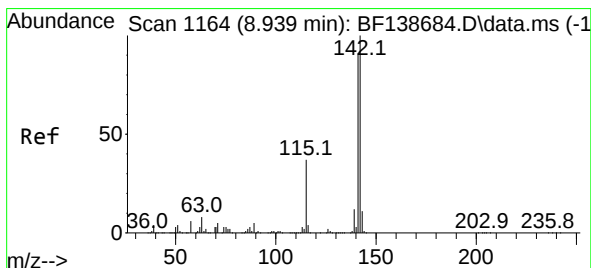
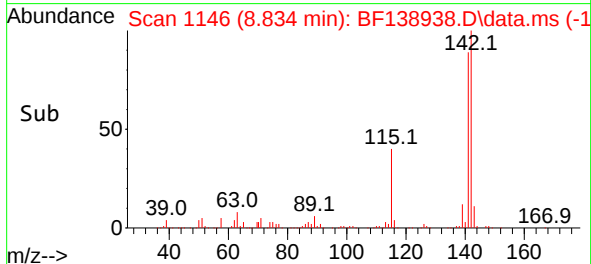
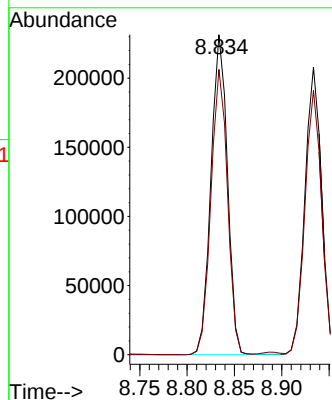
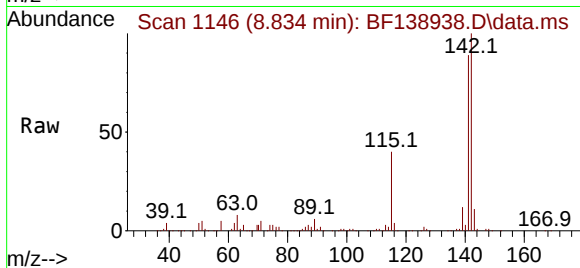
B-105-SB02MSD

Tgt Ion:142 Resp: 280920

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2



#38

1-Methylnaphthalene

Concen: 47.268 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138938.D

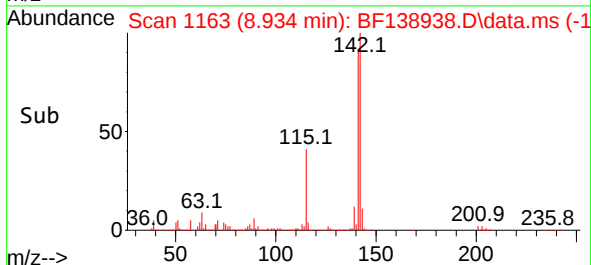
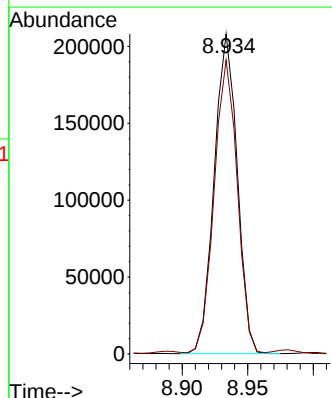
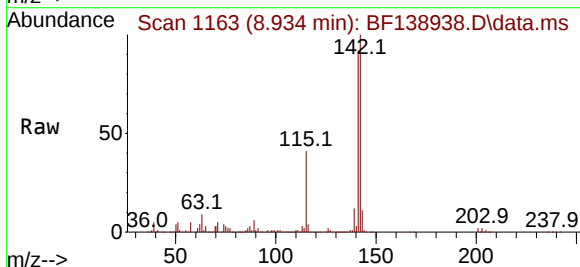
Acq: 12 Aug 2024 17:16

Tgt Ion:142 Resp: 254367

Ion Ratio Lower Upper

142 100

141 91.9 73.1 109.7

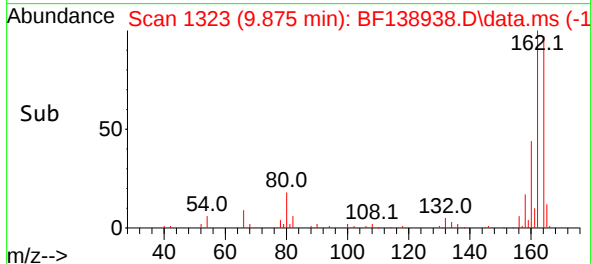
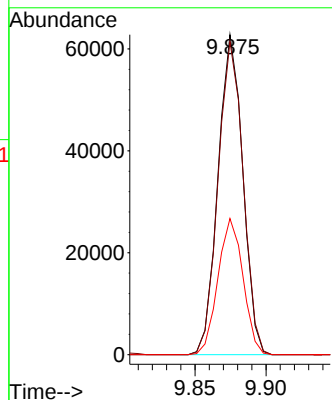
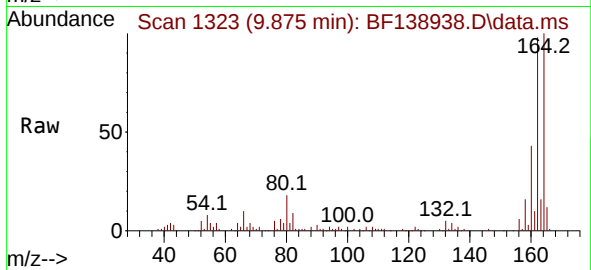




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

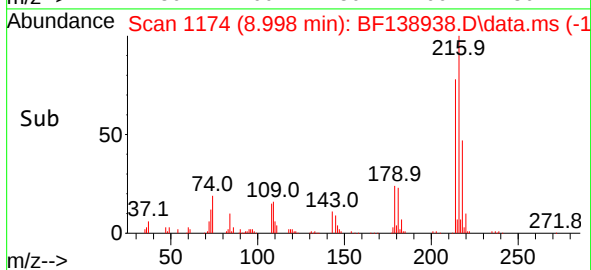
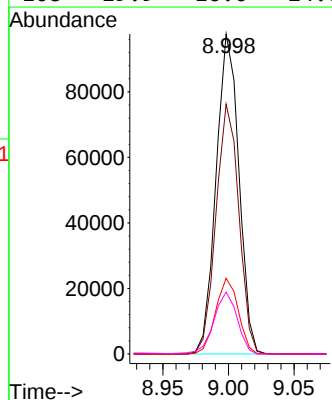
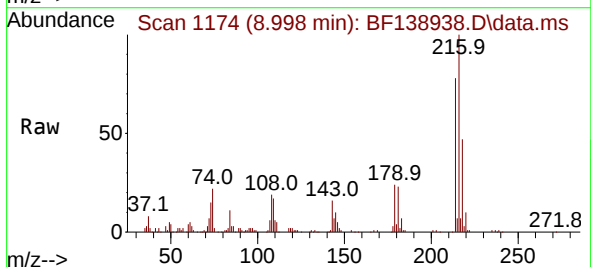
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

Tgt Ion:164 Resp: 76059
Ion Ratio Lower Upper
164 100
162 97.8 79.4 119.0
160 42.6 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.708 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:216 Resp: 117702
Ion Ratio Lower Upper
216 100
214 78.3 63.9 95.9
179 23.5 17.8 26.6
108 19.9 16.0 24.0

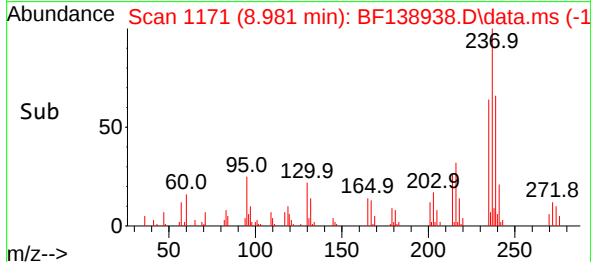
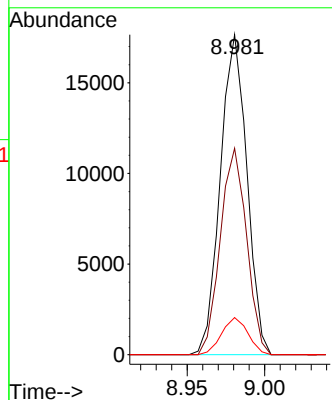
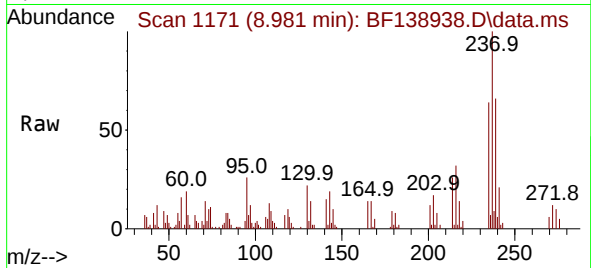




#41
Hexachlorocyclopentadiene
Concen: 41.301 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

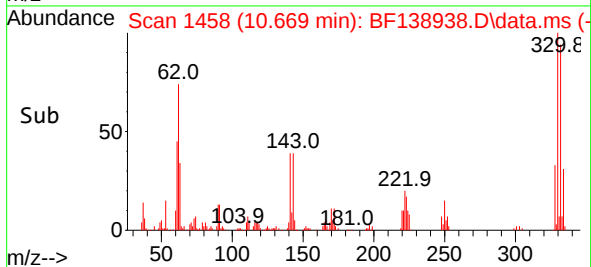
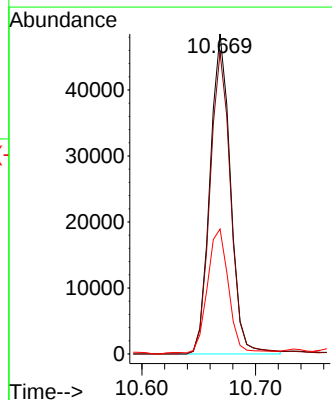
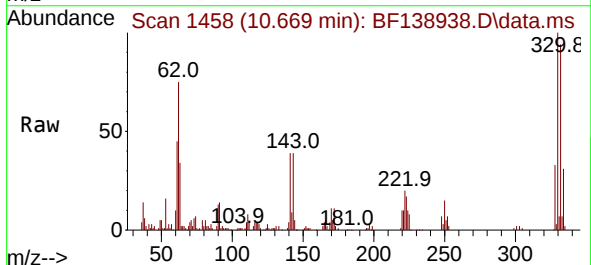
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

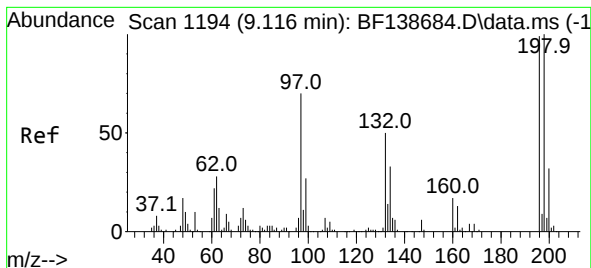
Tgt Ion:237	Resp:	21033
Ion	Ratio	Lower Upper
237	100	
235	64.5	41.8 81.8
272	11.6	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 96.978 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:330	Resp:	60420
Ion	Ratio	Lower Upper
330	100	
332	96.1	76.4 114.6
141	41.4	31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 56.396 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

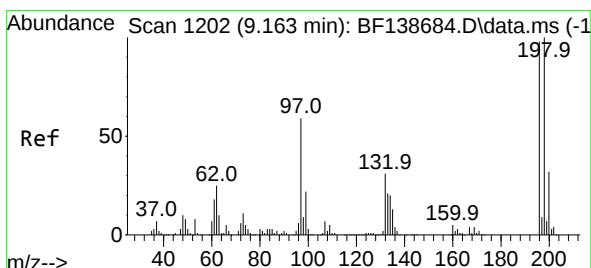
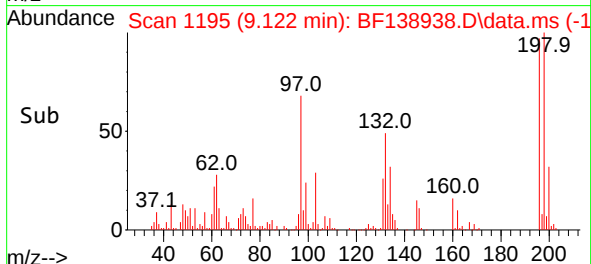
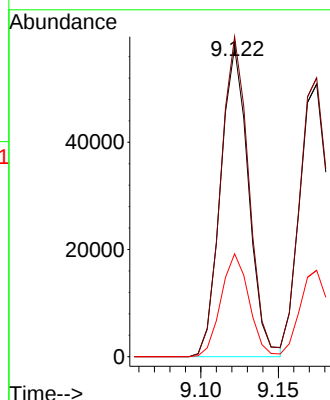
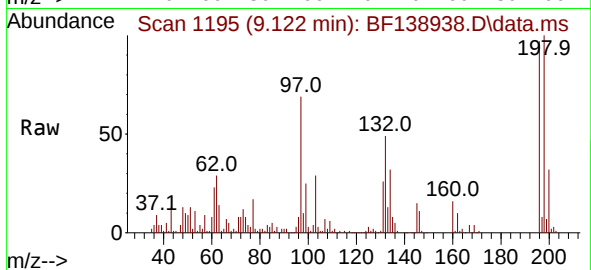
Tgt Ion:196 Resp: 72650

Ion Ratio Lower Upper

196 100

198 103.3 80.5 120.7

200 33.2 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 49.522 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Tgt Ion:196 Resp: 69742

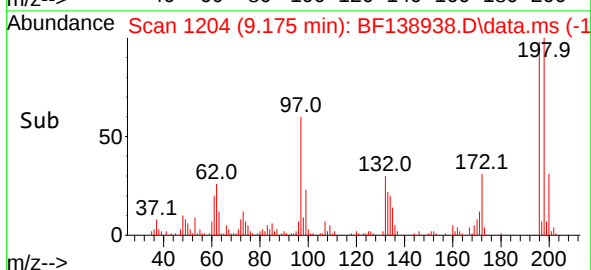
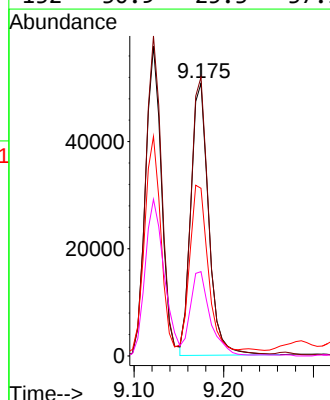
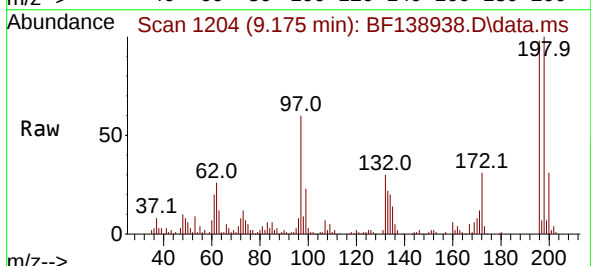
Ion Ratio Lower Upper

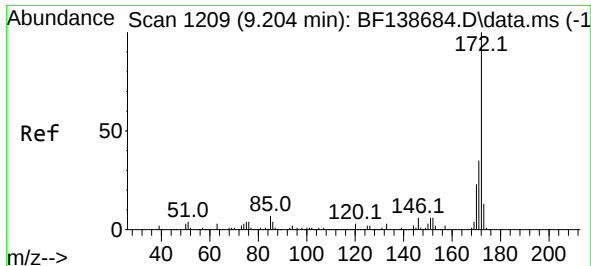
196 100

198 102.3 81.2 121.8

97 61.5 47.8 71.6

132 30.9 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 85.435 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

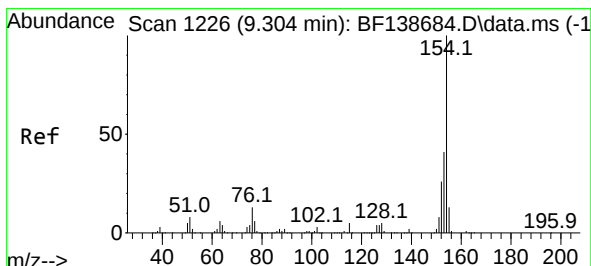
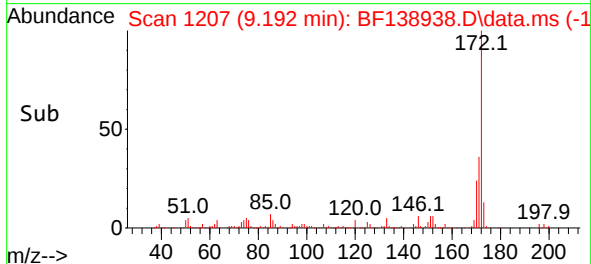
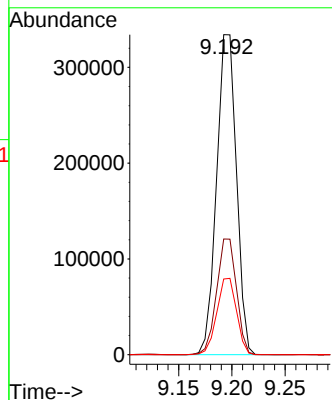
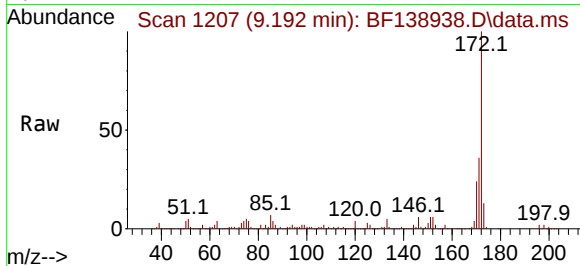
Tgt Ion:172 Resp: 432486

Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 53.847 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

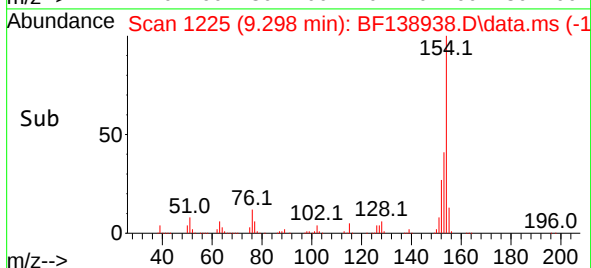
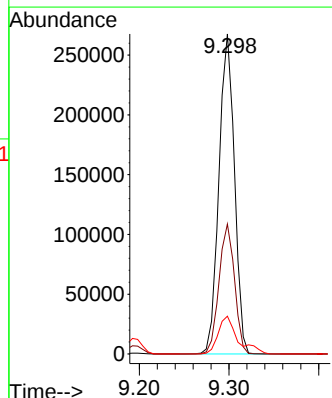
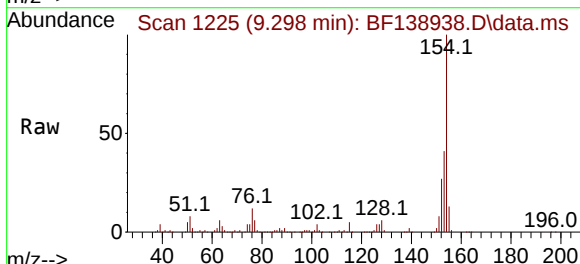
Tgt Ion:154 Resp: 320757

Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 11.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 55.896 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

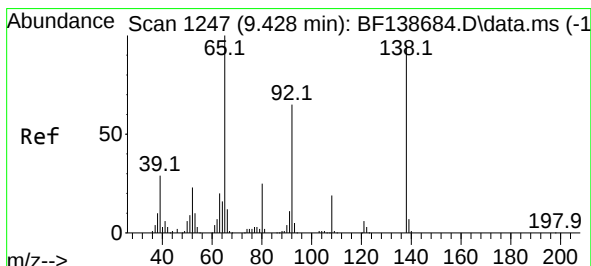
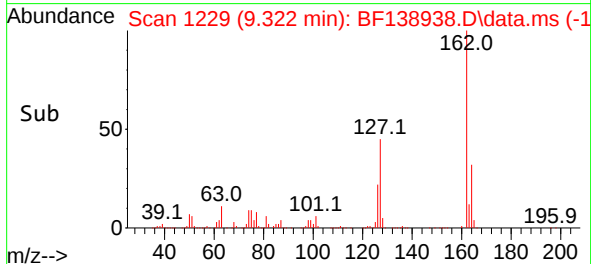
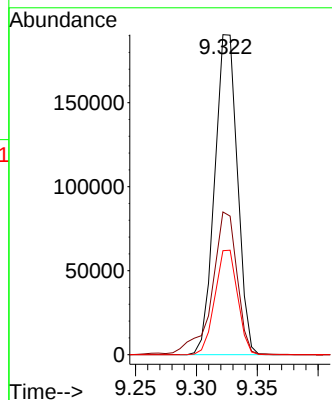
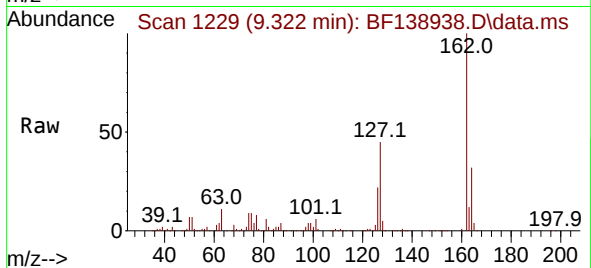
Tgt Ion:162 Resp: 247637

Ion Ratio Lower Upper

162 100

127 44.6 35.4 53.2

164 32.5 25.6 38.4



#48

2-Nitroaniline

Concen: 56.916 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

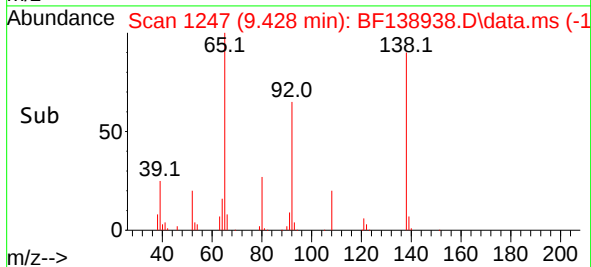
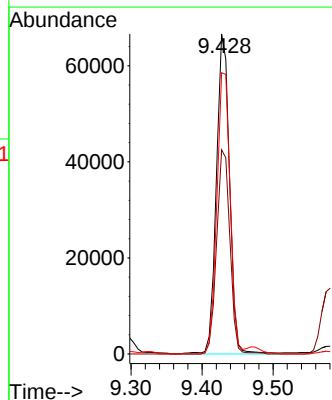
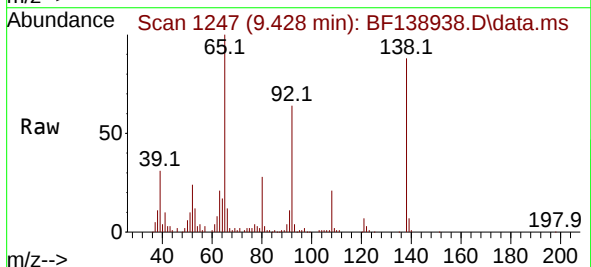
Tgt Ion: 65 Resp: 85483

Ion Ratio Lower Upper

65 100

92 63.8 52.0 78.0

138 87.9 76.2 114.4





#49

Acenaphthylene

Concen: 55.919 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

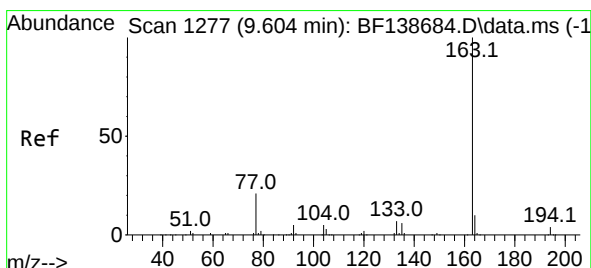
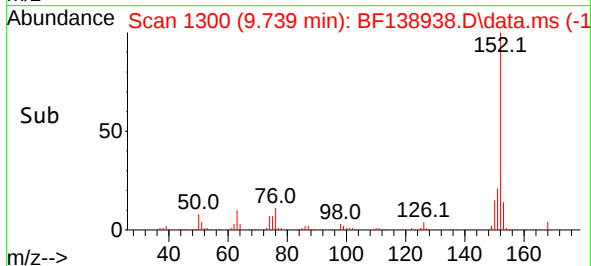
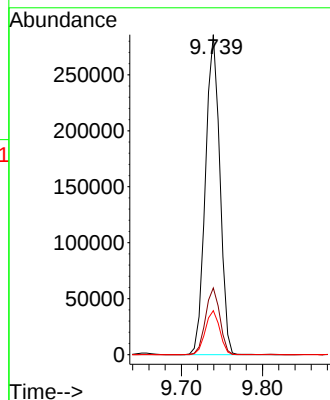
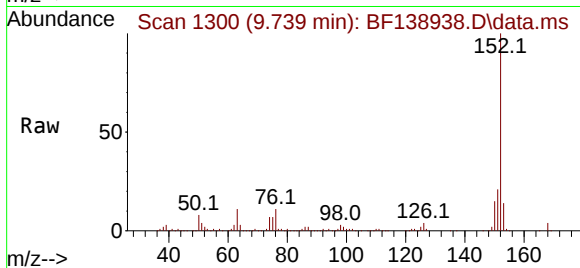
Tgt Ion:152 Resp: 351366

Ion Ratio Lower Upper

152 100

151 20.8 16.0 24.0

153 13.8 11.0 16.4



#50

Dimethylphthalate

Concen: 61.675 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

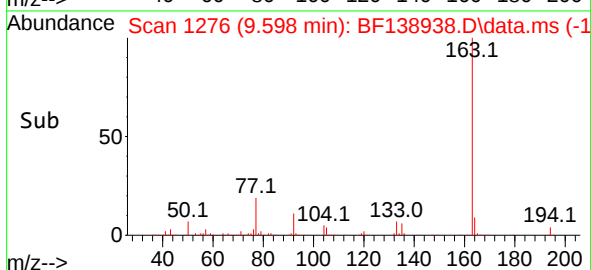
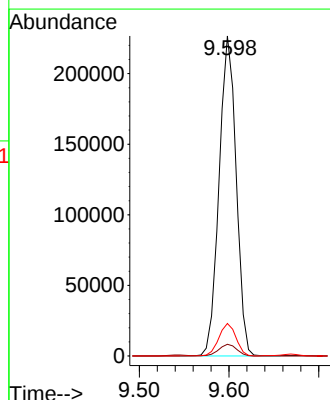
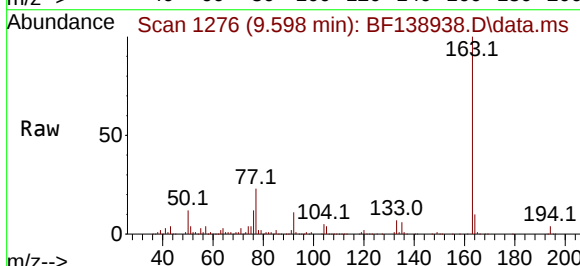
Tgt Ion:163 Resp: 299946

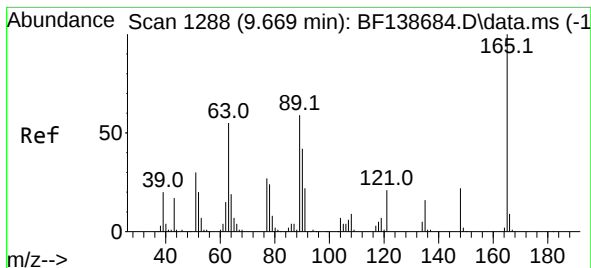
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.2 7.8 11.8

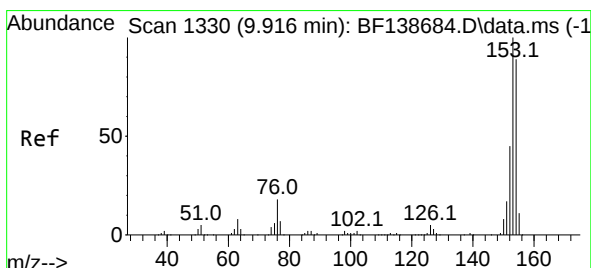
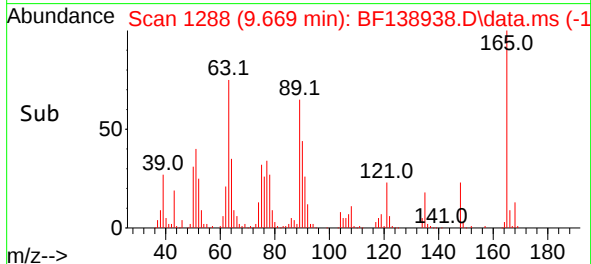
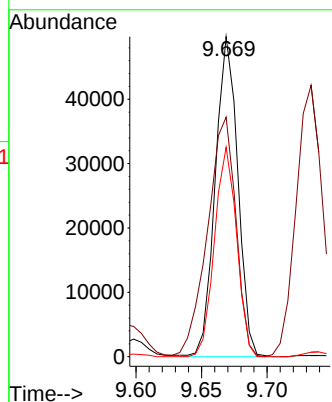
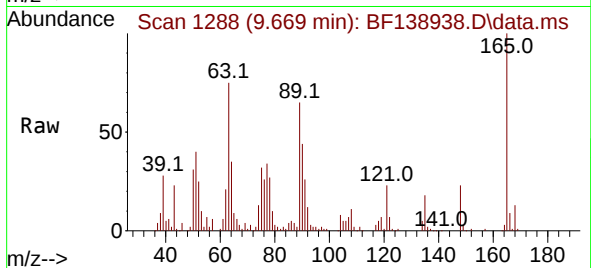




#51
2,6-Dinitrotoluene
Concen: 54.045 ng
RT: 9.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

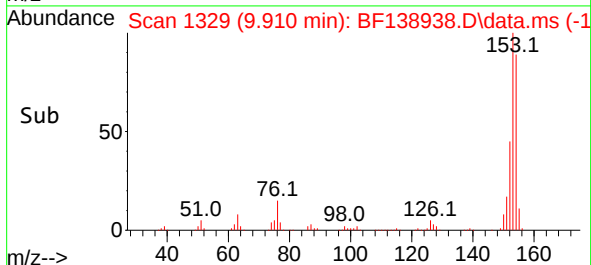
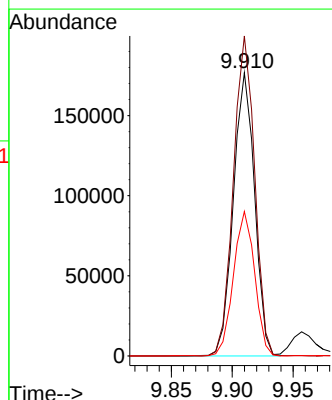
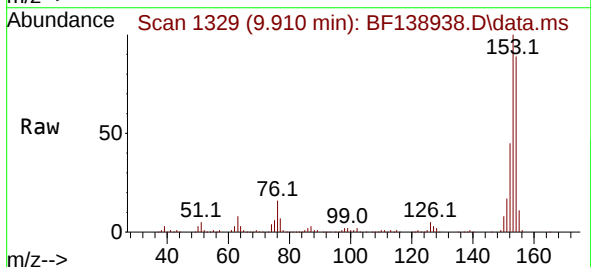
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

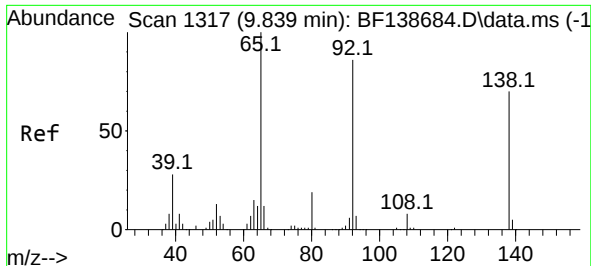
Tgt Ion:165 Resp: 59318
Ion Ratio Lower Upper
165 100
63 74.9 52.0 78.0
89 65.5 47.0 70.6



#52
Acenaphthene
Concen: 50.936 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:154 Resp: 215147
Ion Ratio Lower Upper
154 100
153 113.0 89.9 134.9
152 51.0 40.6 60.8

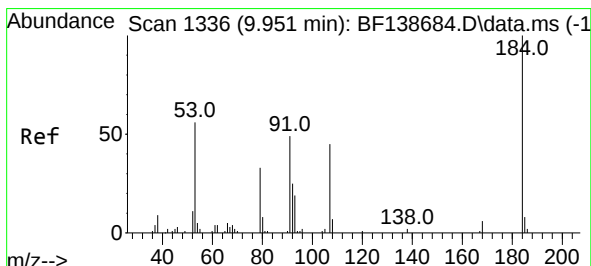
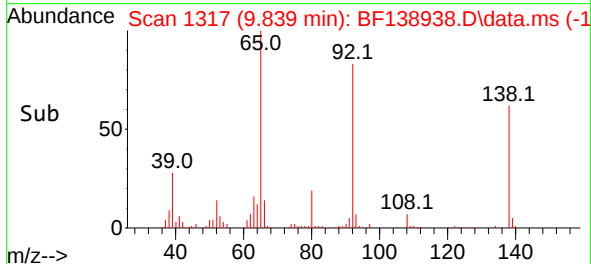
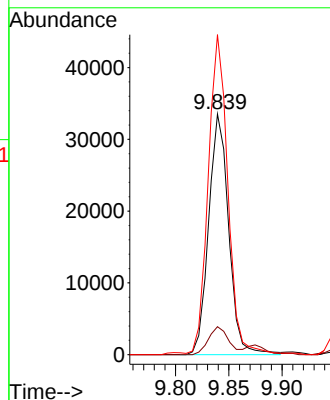
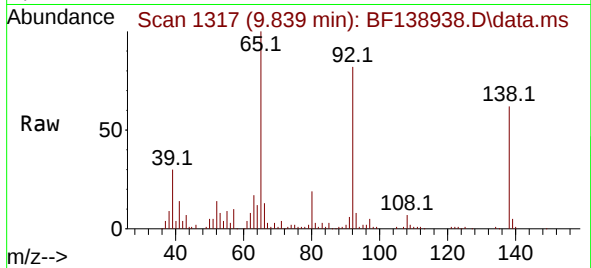




#53
3-Nitroaniline
Concen: 38.793 ng
RT: 9.839 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

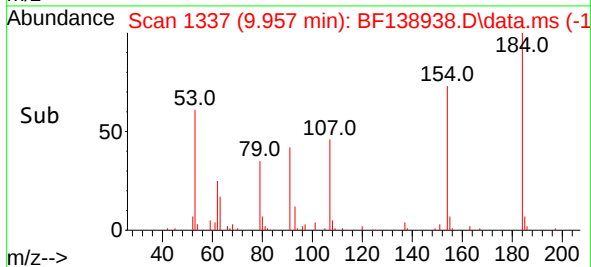
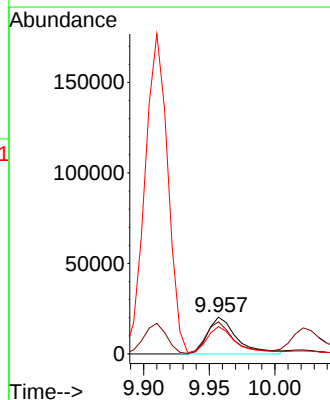
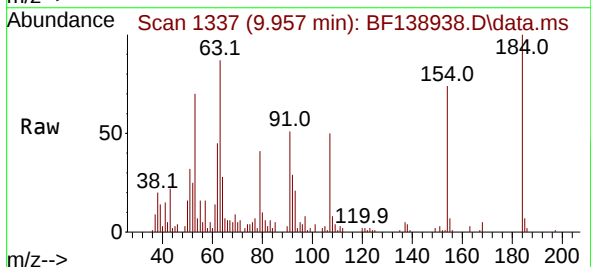
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

Tgt Ion:138 Resp: 44016
Ion Ratio Lower Upper
138 100
108 11.7 9.1 13.7
92 132.9 98.7 148.1



#54
2,4-Dinitrophenol
Concen: 62.275 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:184 Resp: 31464
Ion Ratio Lower Upper
184 100
63 87.3 57.5 86.3#
154 74.2 51.7 77.5

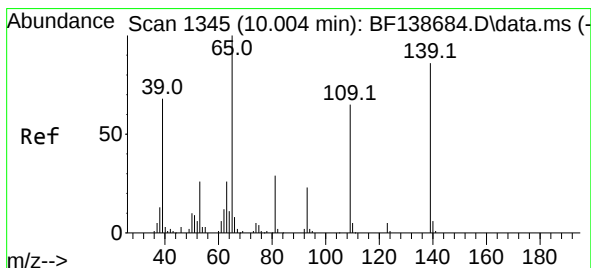
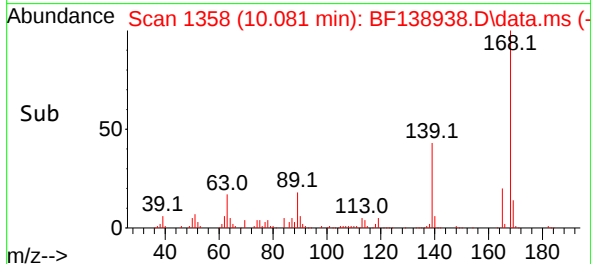
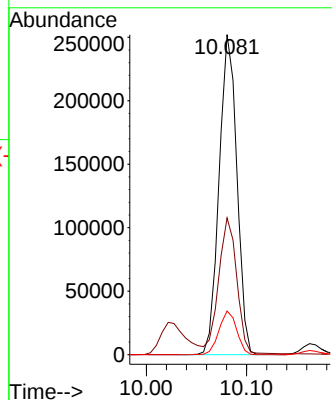
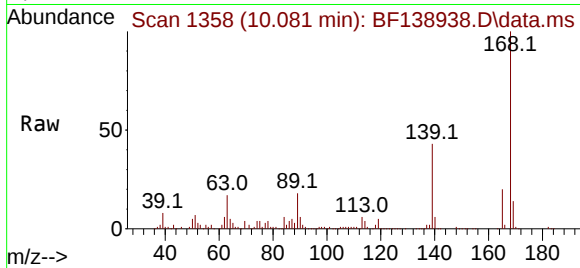




#55
Dibenzenofuran
Concen: 51.862 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

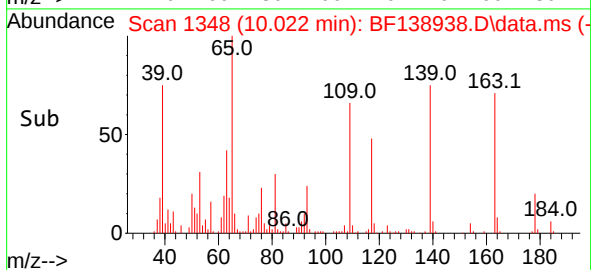
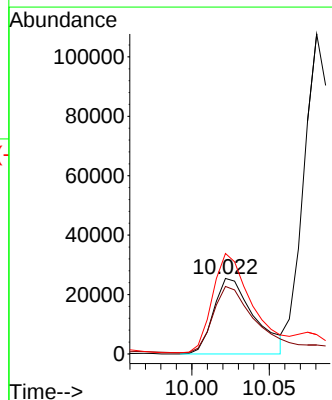
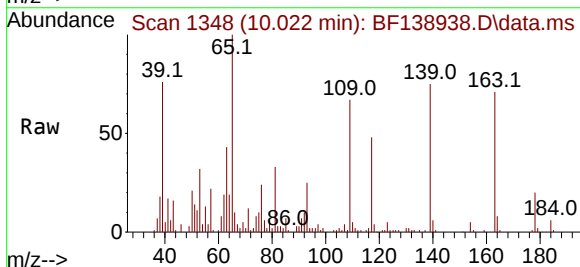
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

Tgt Ion:168 Resp: 309225
Ion Ratio Lower Upper
168 100
139 42.7 32.6 49.0
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 67.864 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:139 Resp: 46304
Ion Ratio Lower Upper
139 100
109 89.4 55.5 95.5
65 133.1 96.7 136.7

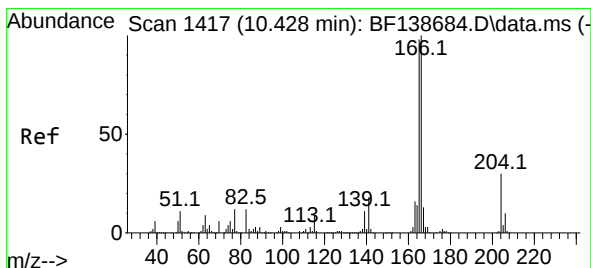
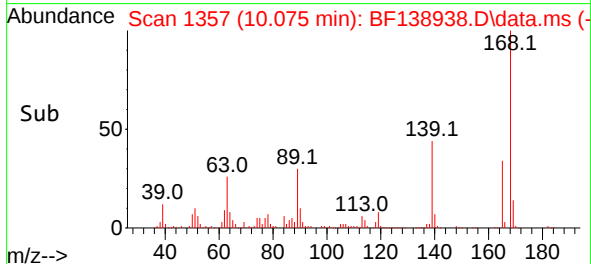
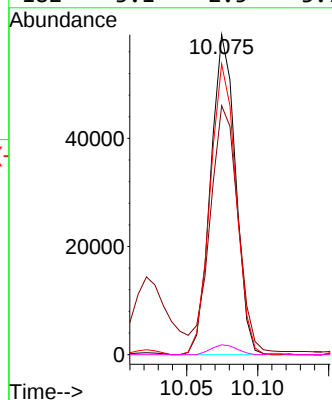
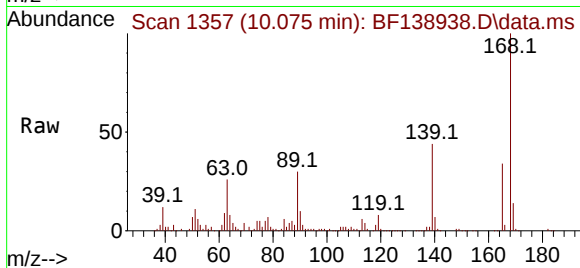




#57
2,4-Dinitrotoluene
Concen: 51.556 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

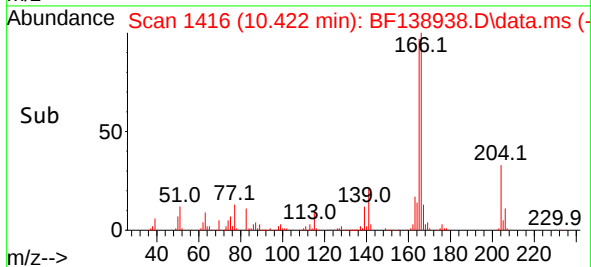
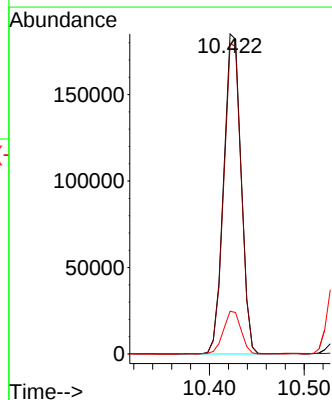
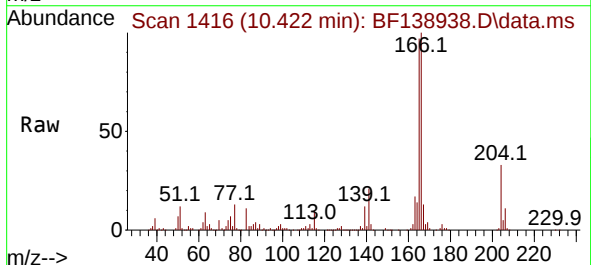
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

Tgt Ion:165 Resp: 72195
Ion Ratio Lower Upper
165 100
63 77.8 46.3 69.5#
89 90.8 64.2 96.4
182 3.1 2.5 3.7



#58
Fluorene
Concen: 49.951 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:166 Resp: 237169
Ion Ratio Lower Upper
166 100
165 97.0 78.4 117.6
167 13.3 10.6 16.0

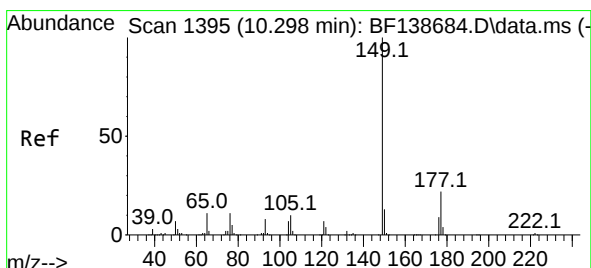
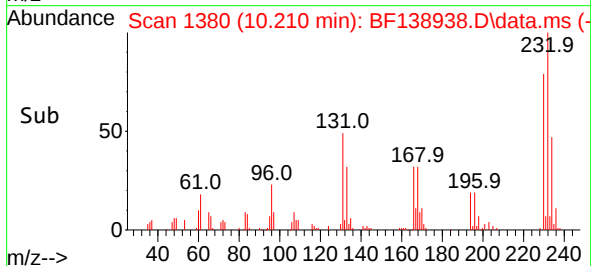
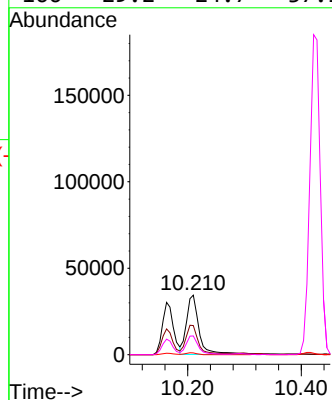
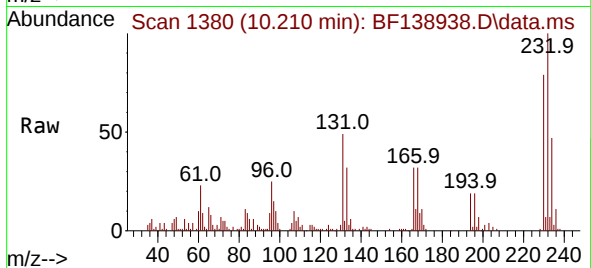




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.957 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

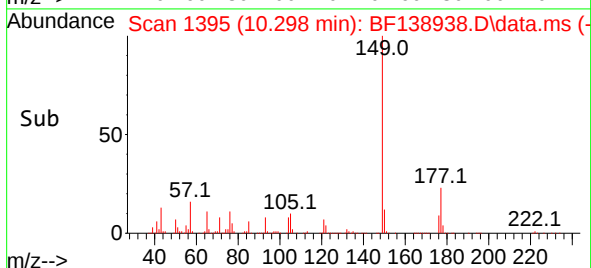
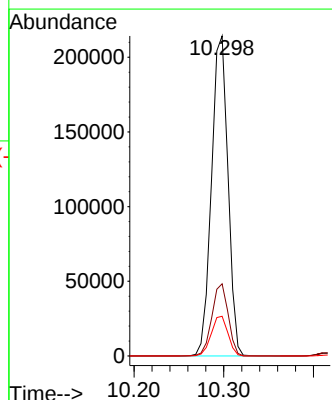
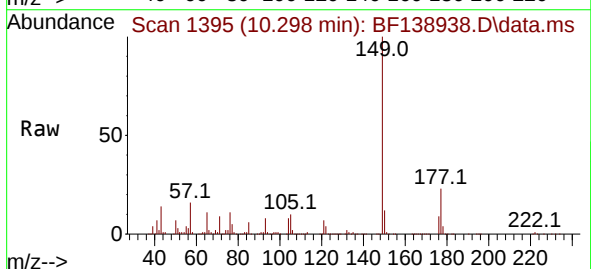
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

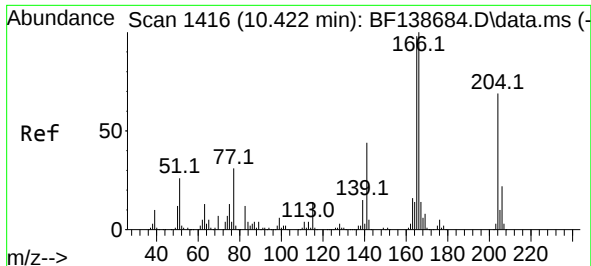
Tgt Ion:232 Resp: 52710
Ion Ratio Lower Upper
232 100
131 46.8 37.0 55.4
130 2.7 2.0 3.0
166 29.2 24.7 37.1



#60
Diethylphthalate
Concen: 59.187 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:149 Resp: 272927
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.4 10.1 15.1

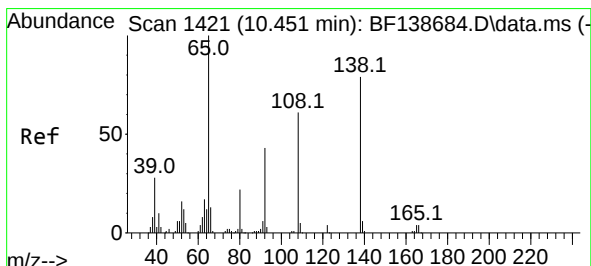
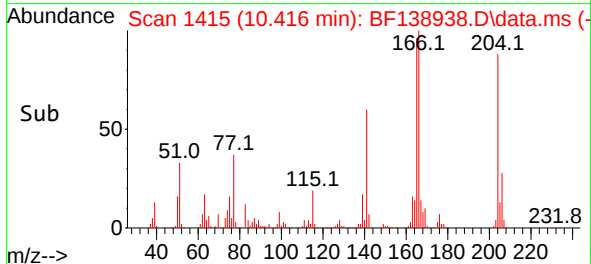
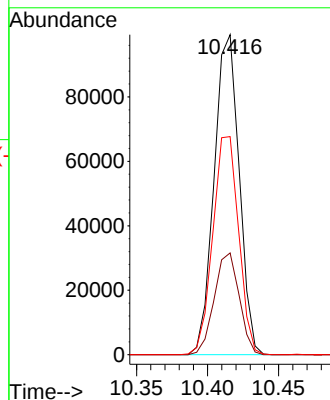
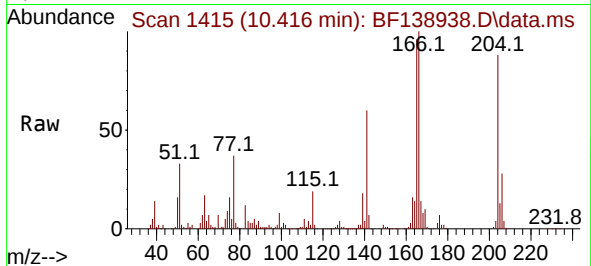




#61
4-Chlorophenyl-phenylether
Concen: 52.151 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

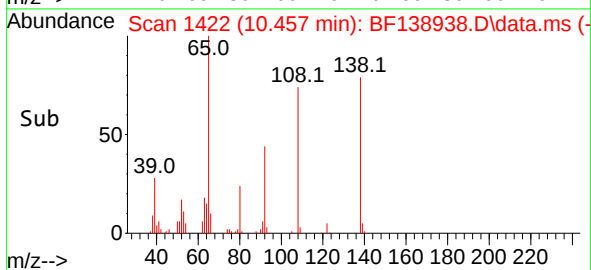
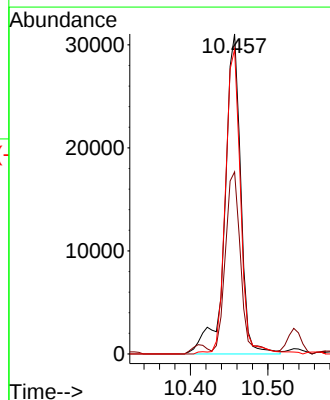
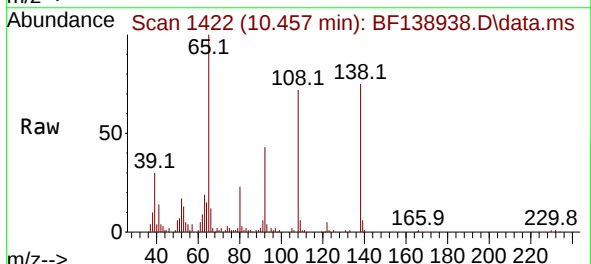
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

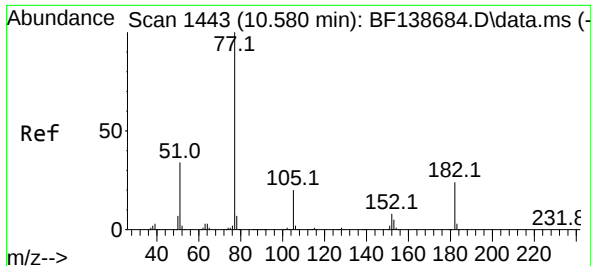
Tgt Ion:204 Resp: 121783
Ion Ratio Lower Upper
204 100
206 31.8 26.1 39.1
141 68.1 51.4 77.0



#62
4-Nitroaniline
Concen: 41.051 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:138 Resp: 44263
Ion Ratio Lower Upper
138 100
92 56.9 34.2 74.2
108 95.3 56.2 96.2

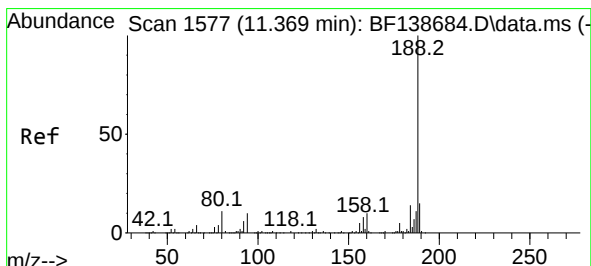
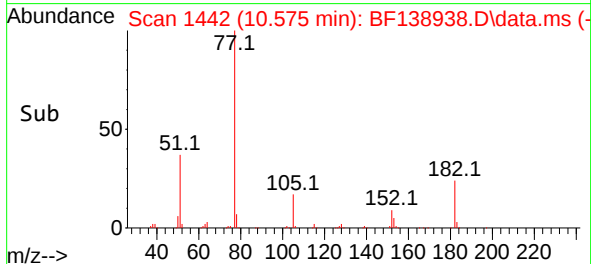
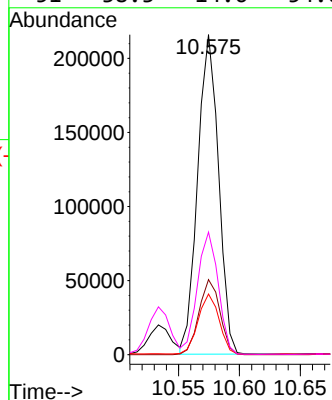
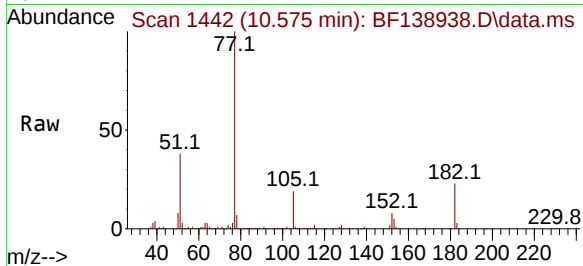




#63
Azobenzene
Concen: 50.193 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

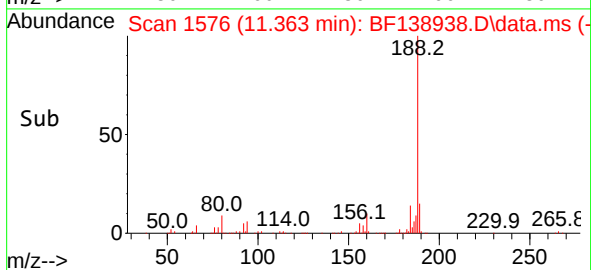
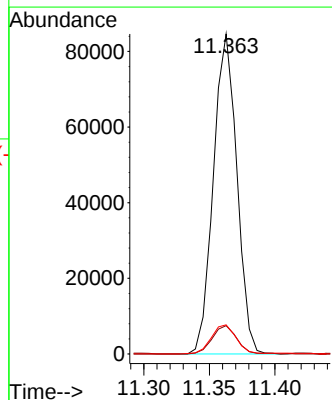
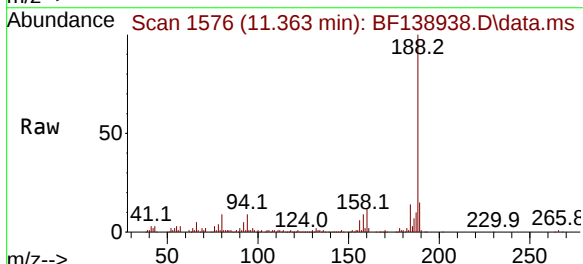
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

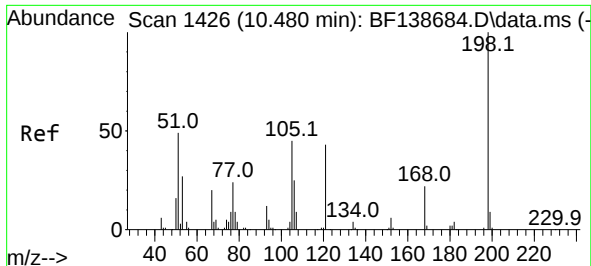
Tgt Ion:	77	Resp:	256706
Ion	Ratio	Lower	Upper
77	100		
182	23.4	3.4	43.4
105	19.0	0.2	40.2
51	38.3	14.6	54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:	188	Resp:	105350
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.6	11.4
80	9.1	8.6	12.8

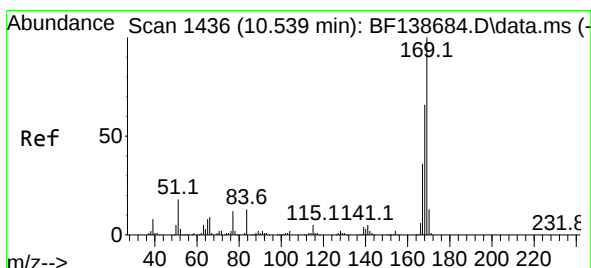
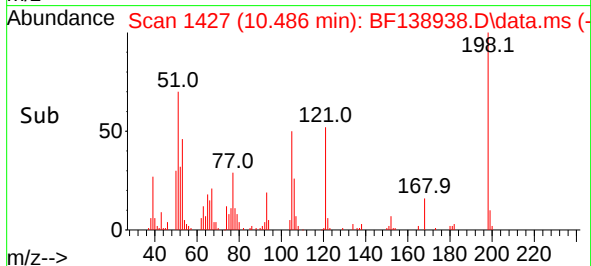
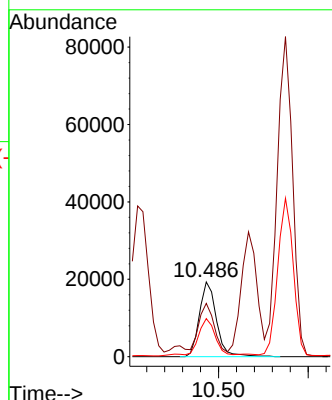
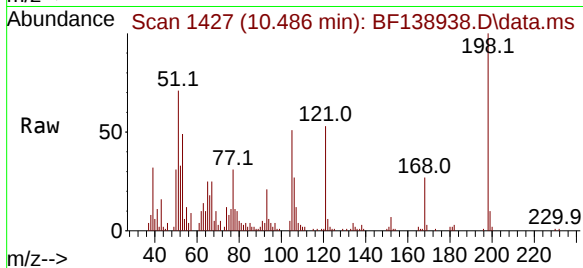




#65
4,6-Dinitro-2-methylphenol
Concen: 39.566 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

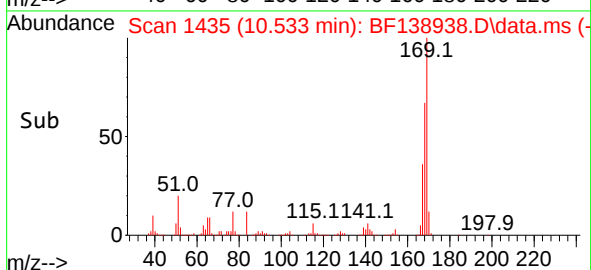
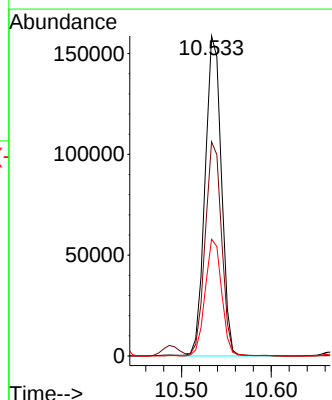
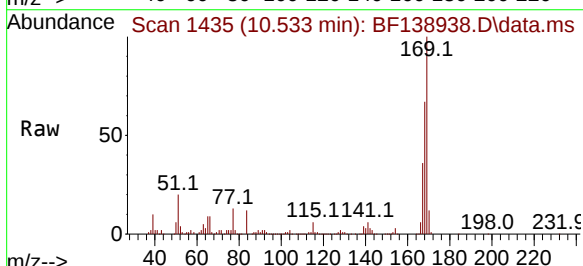
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

Tgt Ion:198 Resp: 25430
Ion Ratio Lower Upper
198 100
51 71.3 39.9 79.9
105 51.0 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 60.842 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:169 Resp: 200355
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 36.5 29.0 43.6

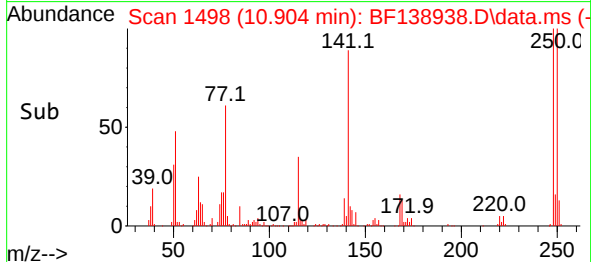
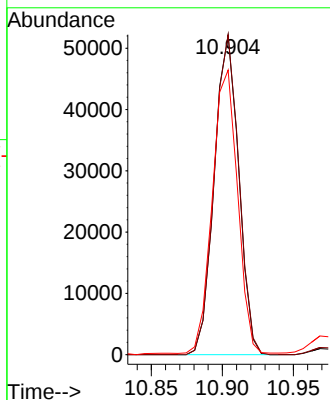
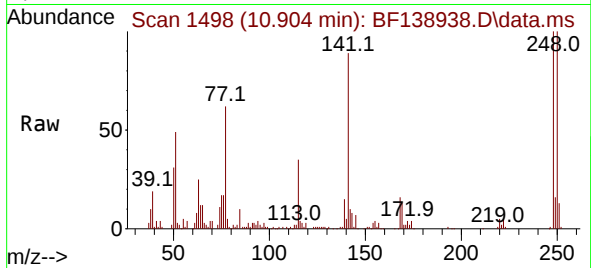




#67
4-Bromophenyl-phenylether
Concen: 54.720 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

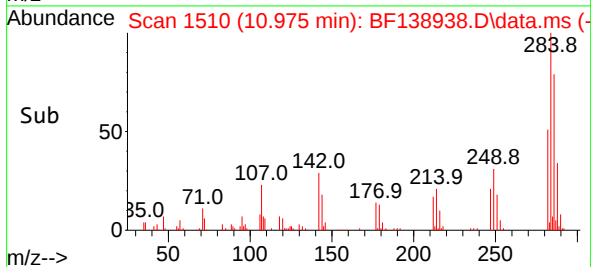
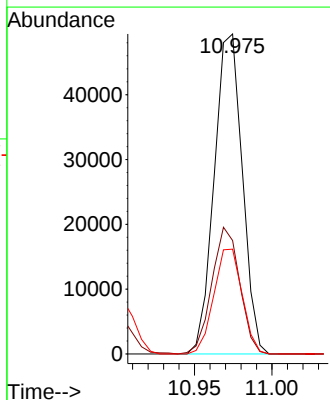
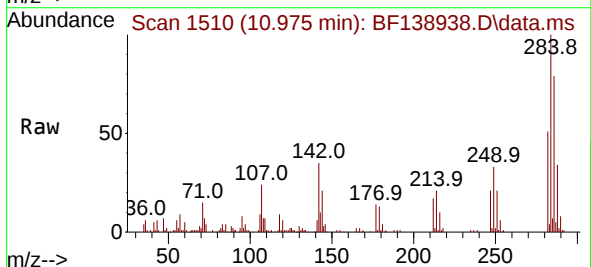
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

Tgt Ion:248 Resp: 62414
Ion Ratio Lower Upper
248 100
250 100.1 77.7 116.5
141 89.0 68.0 102.0



#68
Hexachlorobenzene
Concen: 52.898 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:284 Resp: 62297
Ion Ratio Lower Upper
284 100
142 35.4 31.3 46.9
249 32.8 27.2 40.8





#69

Atrazine

Concen: 67.941 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

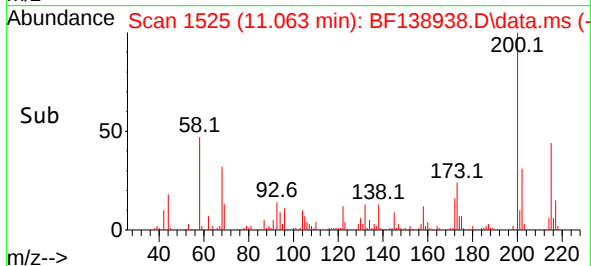
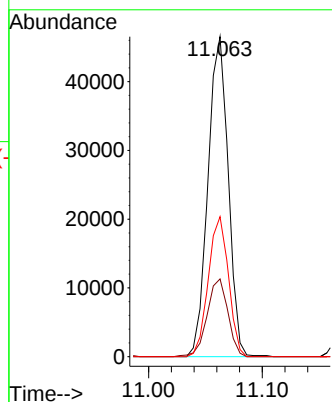
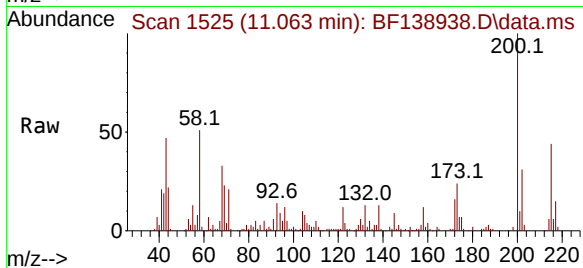
Tgt Ion:200 Resp: 57723

Ion Ratio Lower Upper

200 100

173 24.3 6.0 46.0

215 43.7 26.1 66.1



#70

Pentachlorophenol

Concen: 86.264 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

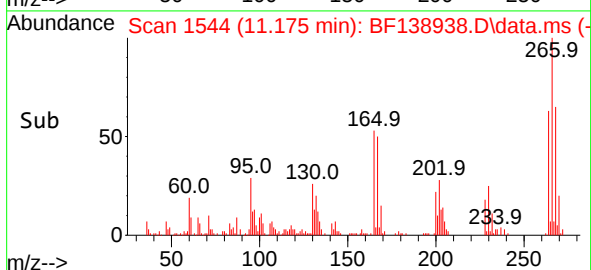
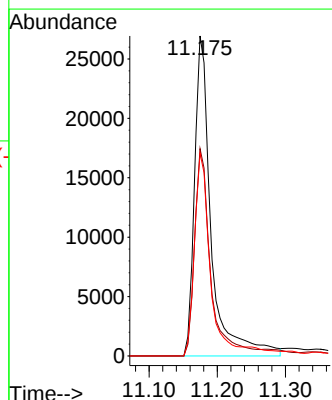
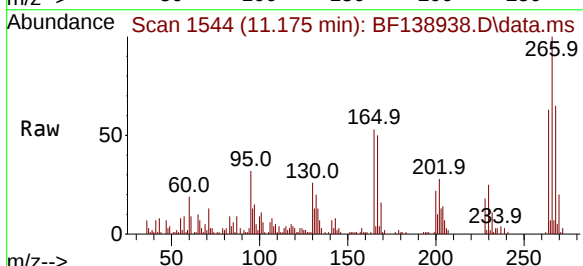
Tgt Ion:266 Resp: 45792

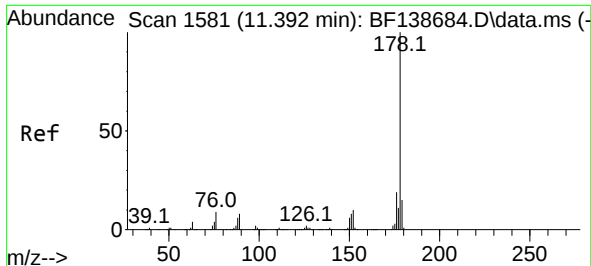
Ion Ratio Lower Upper

266 100

268 64.8 49.2 73.8

264 63.4 49.8 74.6

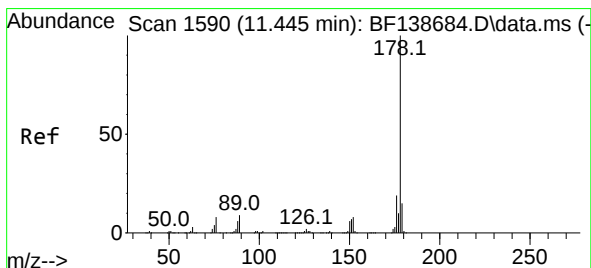
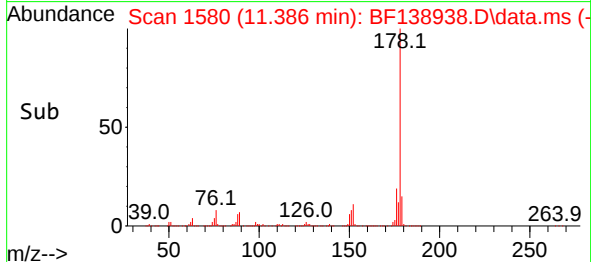
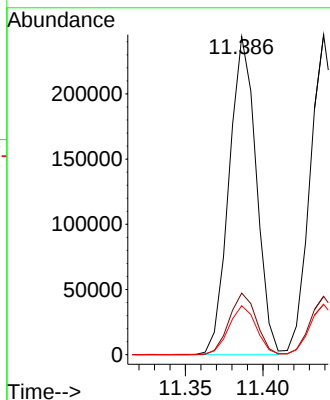
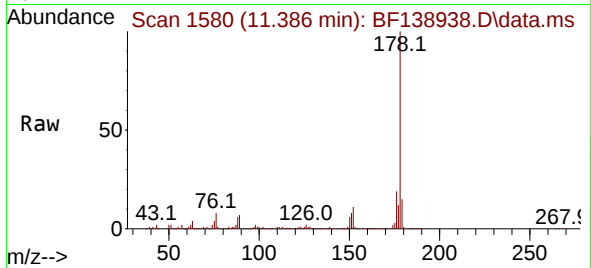




#71
Phenanthrene
Concen: 54.716 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

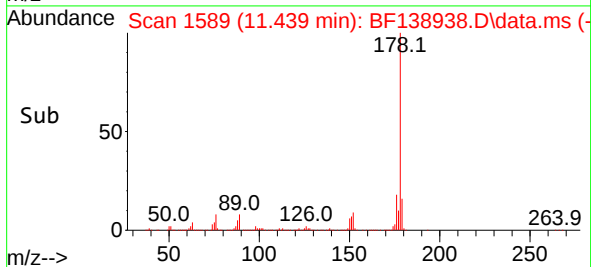
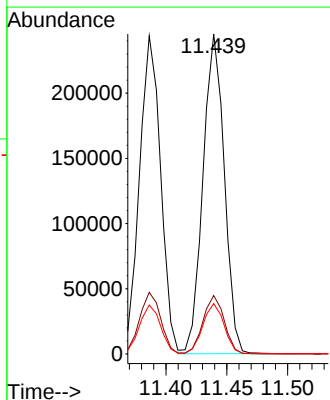
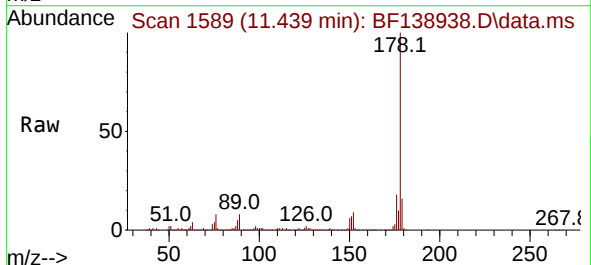
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

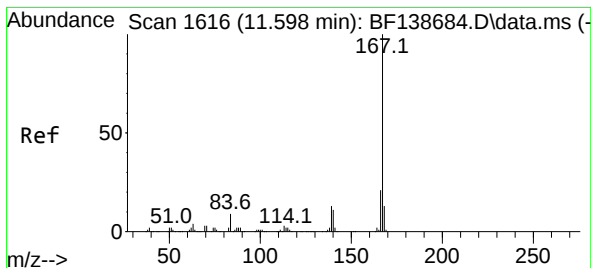
Tgt Ion:178 Resp: 296816
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.2 18.2



#72
Anthracene
Concen: 55.970 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:178 Resp: 299109
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.7 12.4 18.6





#73

Carbazole

Concen: 56.144 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

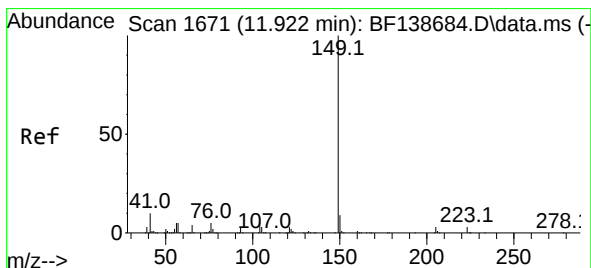
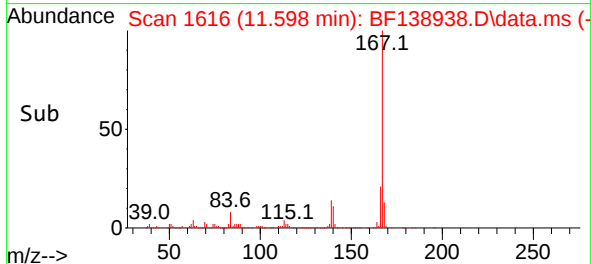
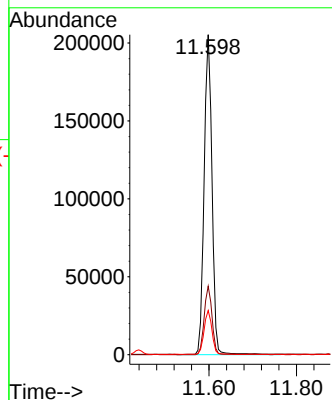
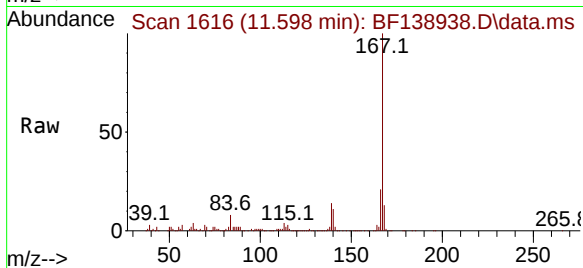
Tgt Ion:167 Resp: 258856

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 66.750 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

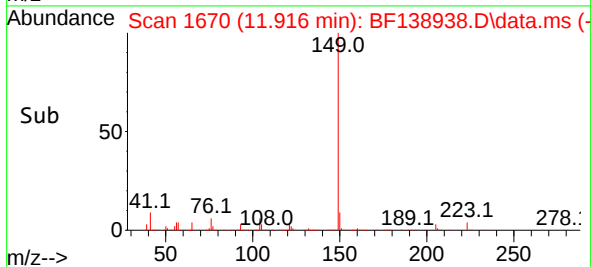
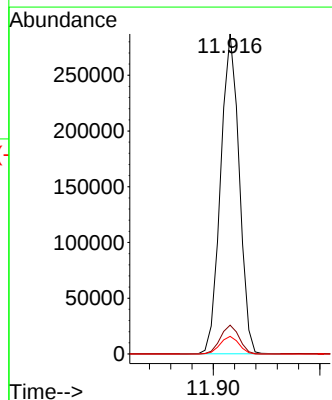
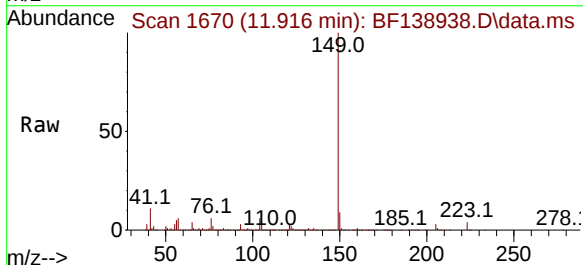
Tgt Ion:149 Resp: 345970

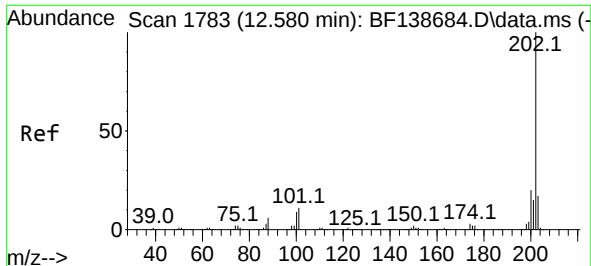
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.5 4.1 6.1

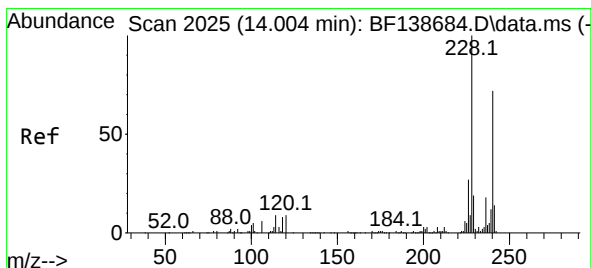
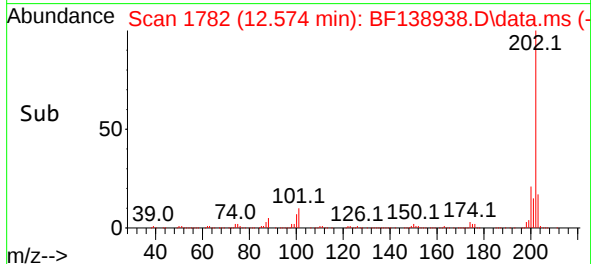
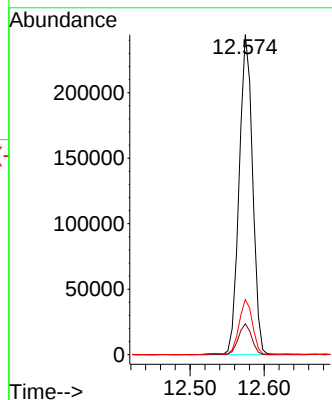
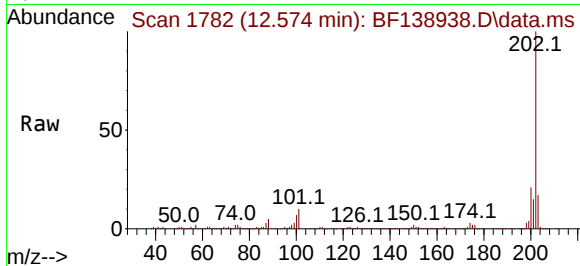




#75
Fluoranthene
Concen: 60.885 ng
RT: 12.574 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

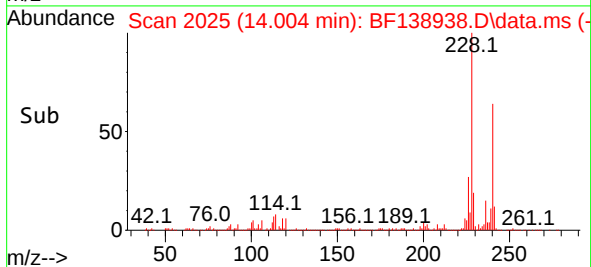
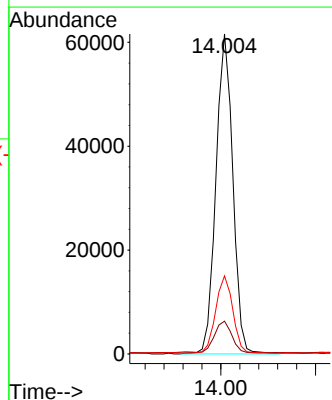
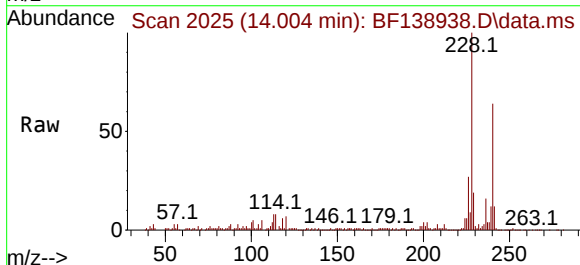
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

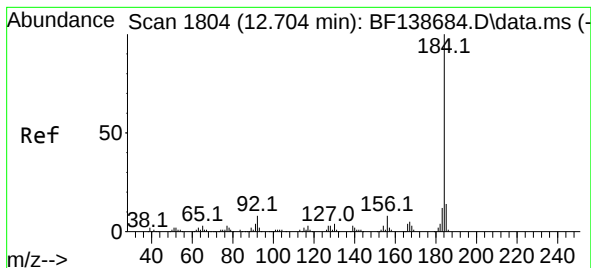
Tgt Ion:202 Resp: 308338
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.2
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:240 Resp: 76391
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 24.4 19.8 29.8





#77

Benzidine

Concen: 17.050 ng

RT: 12.698 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

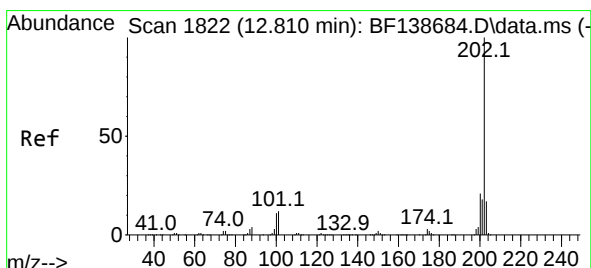
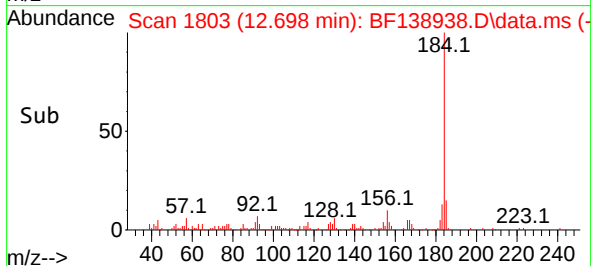
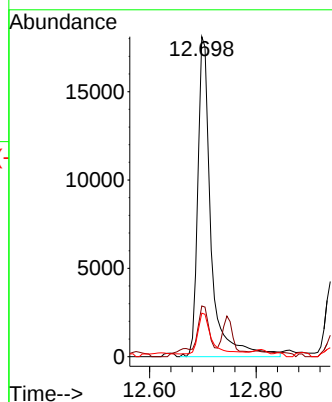
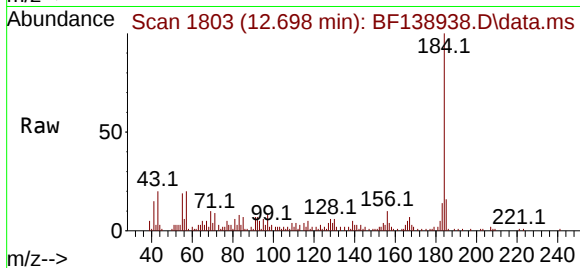
Tgt Ion:184 Resp: 31153

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

183 13.6 9.6 14.4



#78

Pyrene

Concen: 44.216 ng

RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

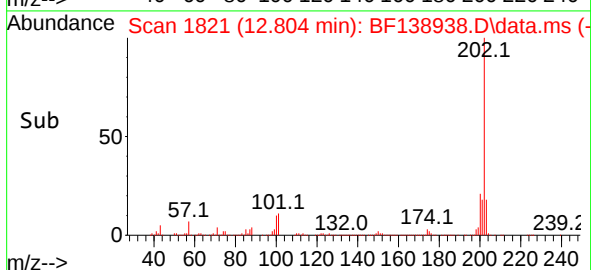
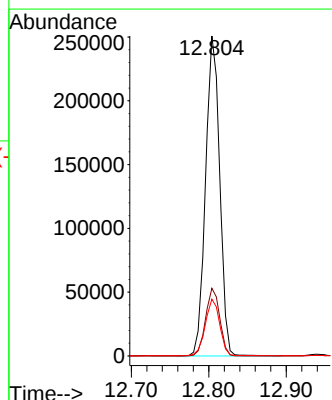
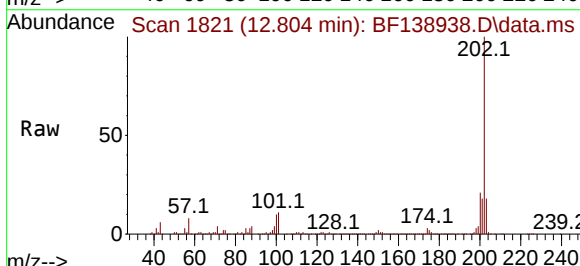
Tgt Ion:202 Resp: 318020

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

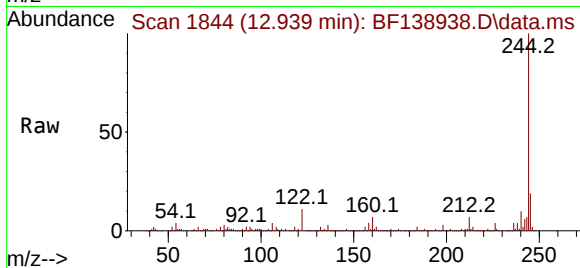
203 17.7 13.8 20.6



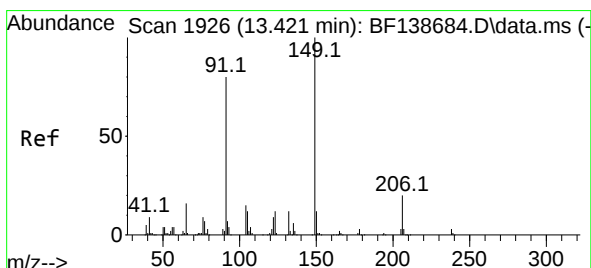
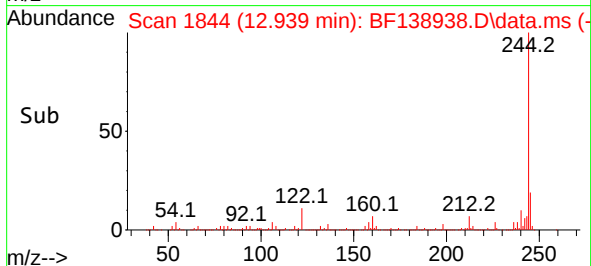
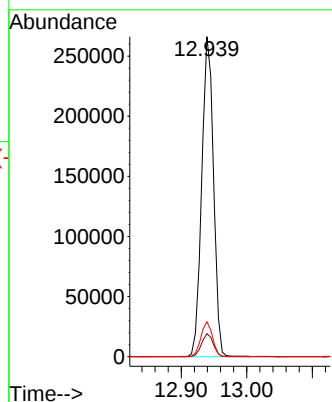


#79
 Terphenyl-d14
 Concen: 73.137 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138938.D
 Acq: 12 Aug 2024 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B-105-SB02MSD

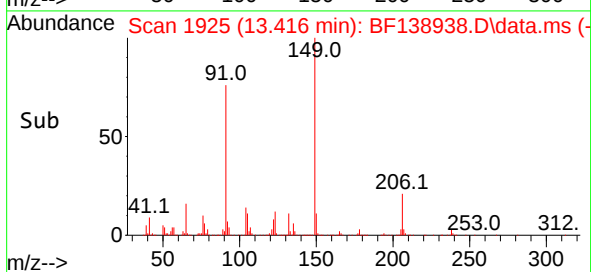
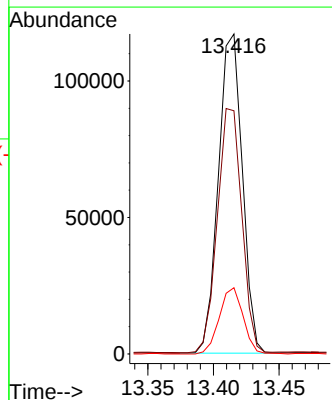
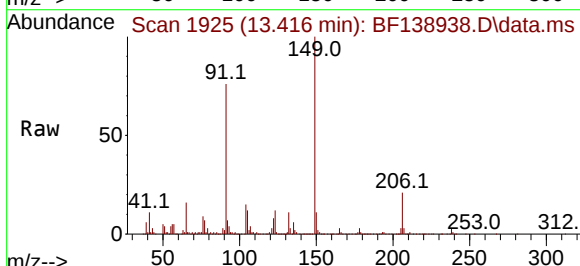


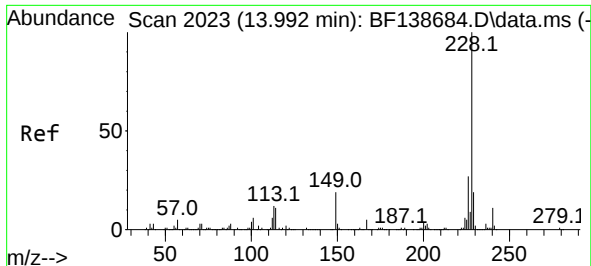
Tgt Ion:244 Resp: 333698
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.9 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 64.550 ng
 RT: 13.416 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF138938.D
 Acq: 12 Aug 2024 17:16

Tgt Ion:149 Resp: 148673
 Ion Ratio Lower Upper
 149 100
 91 76.0 63.7 95.5
 206 20.7 16.2 24.2

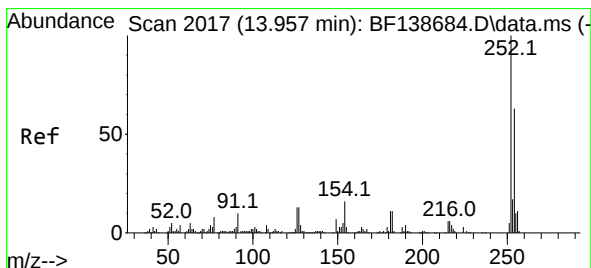
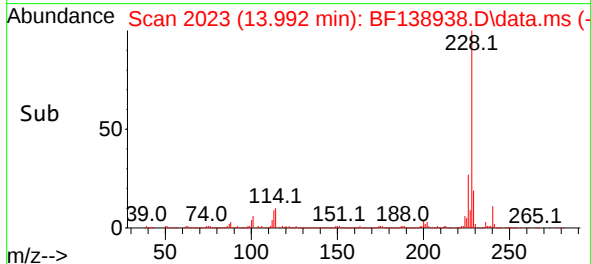
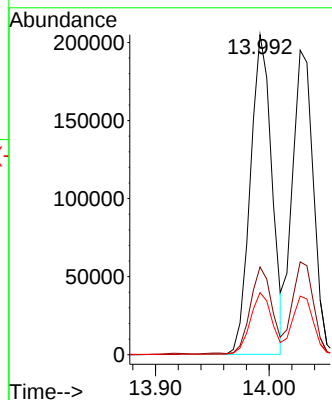
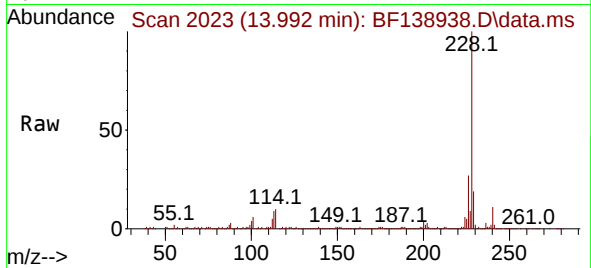




#81
Benzo(a)anthracene
Concen: 51.222 ng
RT: 13.992 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

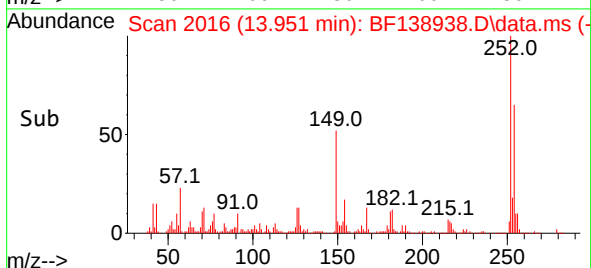
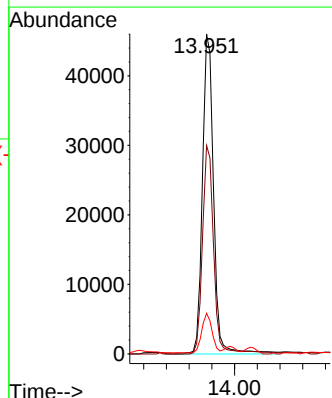
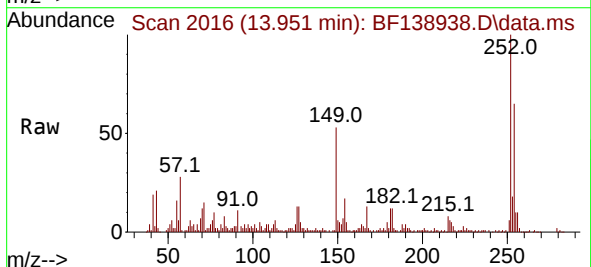
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

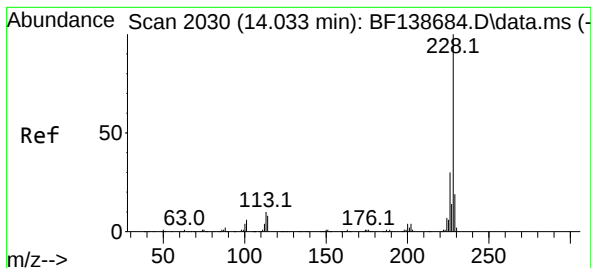
Tgt Ion:228 Resp: 269448
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.4 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 46.664 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:252 Resp: 62818
Ion Ratio Lower Upper
252 100
254 65.1 50.8 76.2
126 12.7 10.2 15.2





#83

Chrysene

Concen: 52.896 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

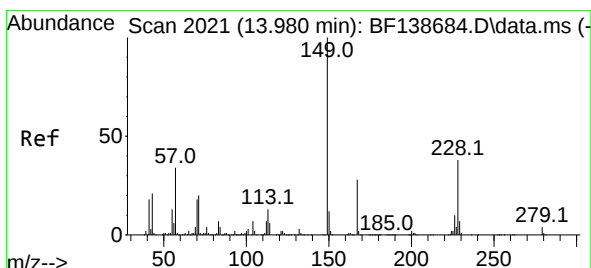
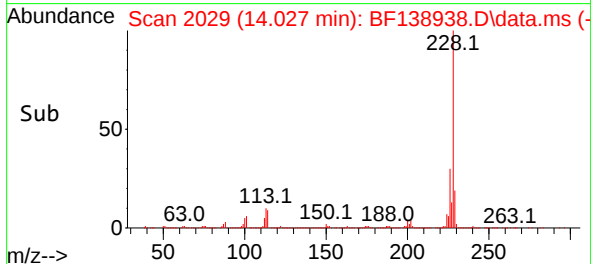
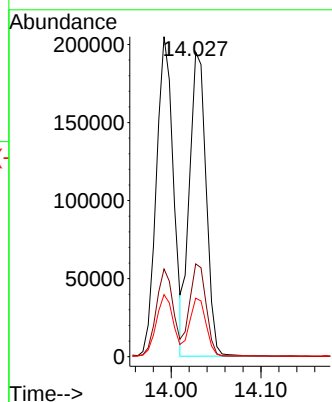
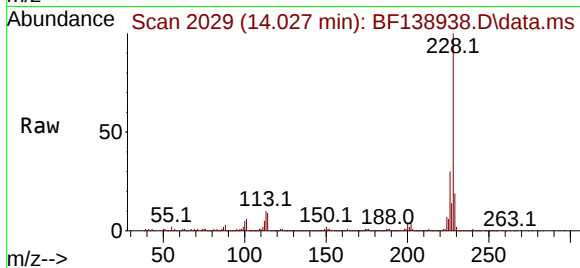
Tgt Ion:228 Resp: 251042

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

229 19.2 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.318 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

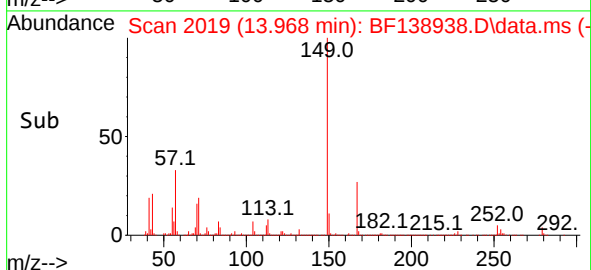
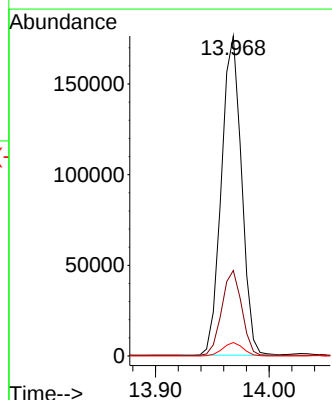
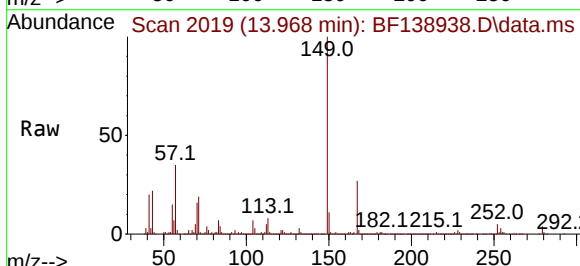
Tgt Ion:149 Resp: 216925

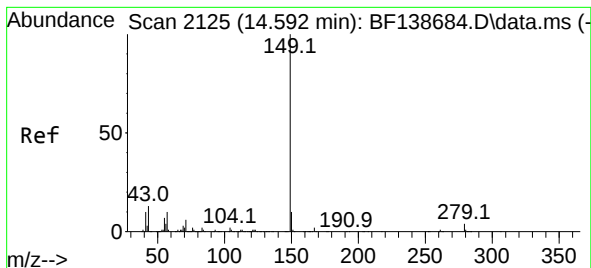
Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.4

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 51.312 ng

RT: 14.580 min Scan# 2123

Delta R.T. -0.012 min

Lab File: BF138938.D

Acq: 12 Aug 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02MSD

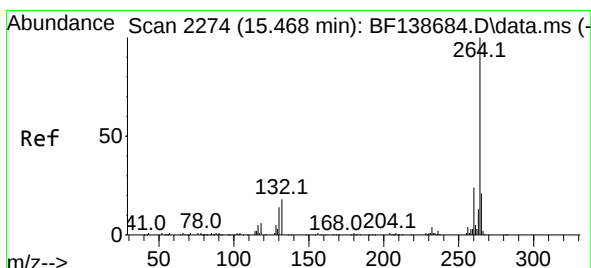
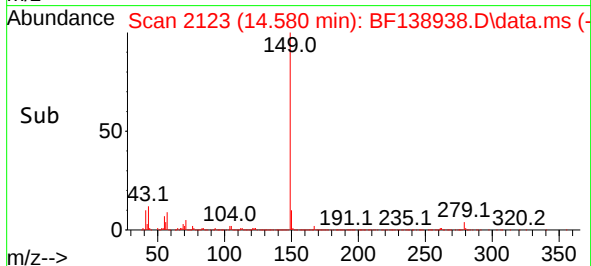
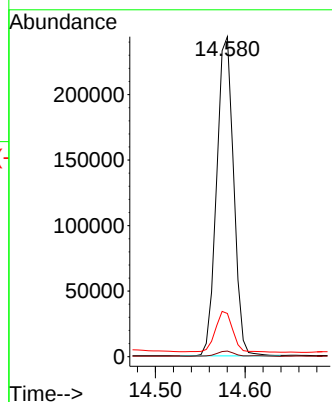
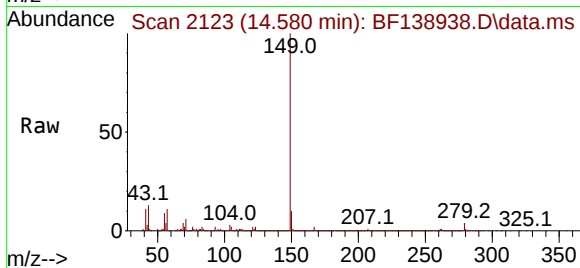
Tgt Ion:149 Resp: 320186

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 13.2 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: BF138938.D

Acq: 12 Aug 2024 17:16

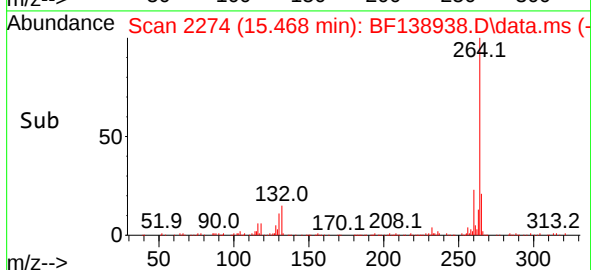
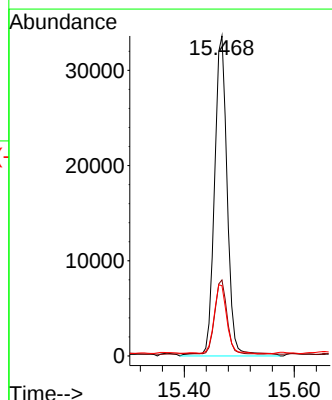
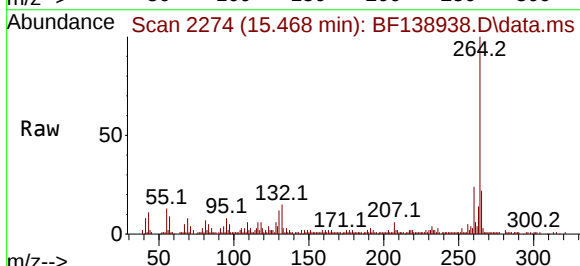
Tgt Ion:264 Resp: 54264

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.9 17.0 25.6

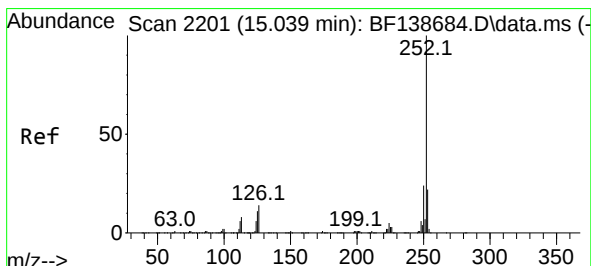
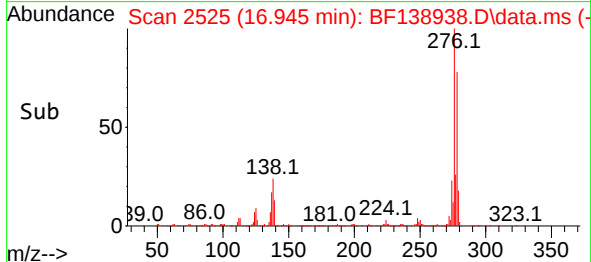
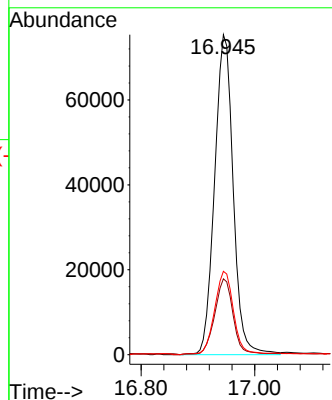
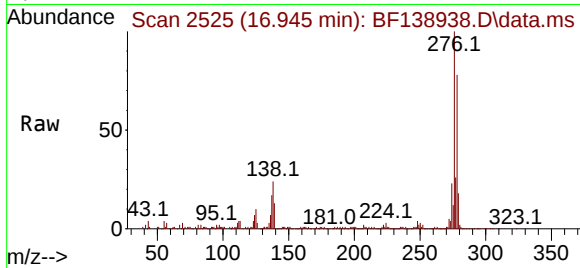




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.038 ng
RT: 16.945 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

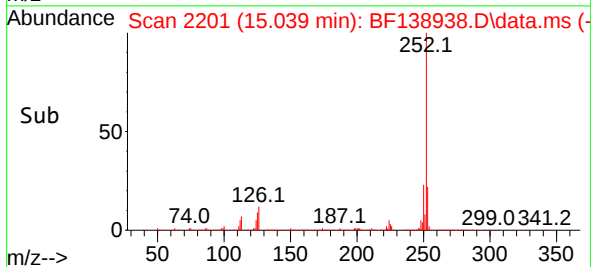
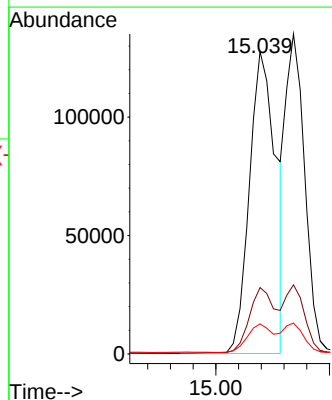
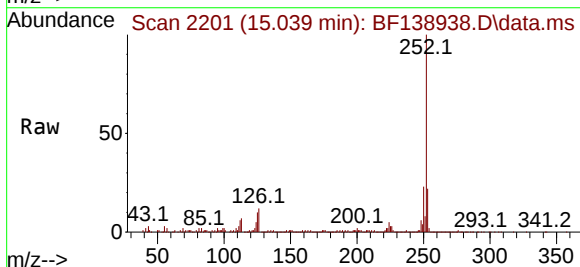
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

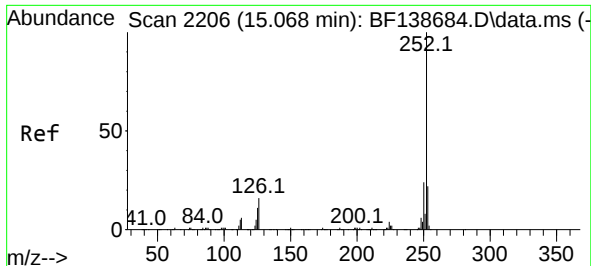
Tgt Ion:276 Resp: 171253
Ion Ratio Lower Upper
276 100
138 23.6 21.8 32.8
277 26.6 20.6 30.8



#88
Benzo(b)fluoranthene
Concen: 61.314 ng
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:252 Resp: 206249
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.0 8.9 13.3

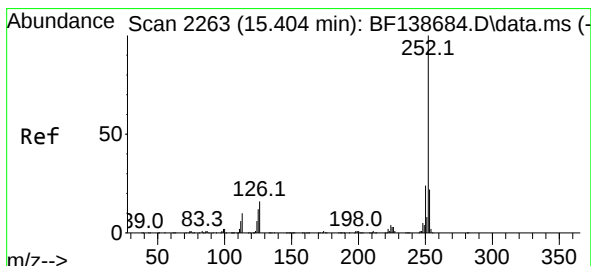
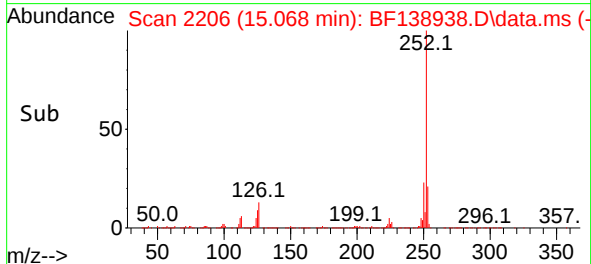
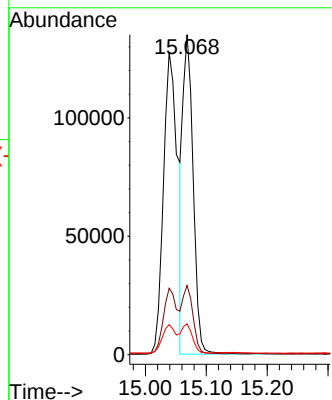
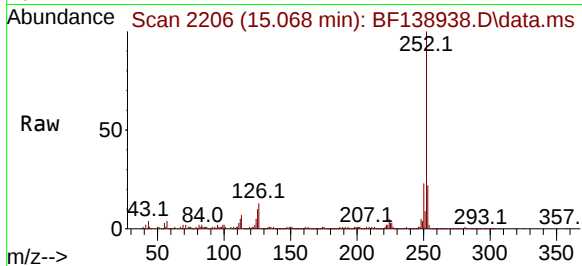




#89
Benzo(k)fluoranthene
Concen: 55.025 ng
RT: 15.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

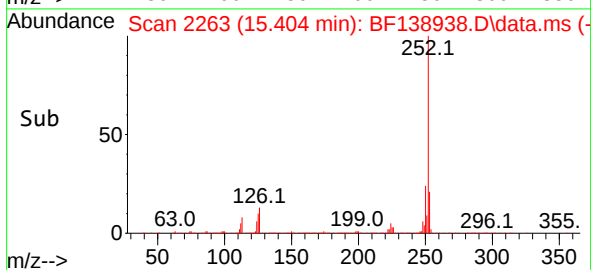
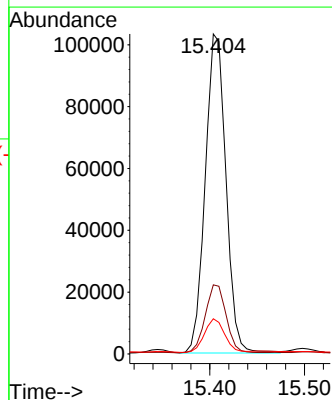
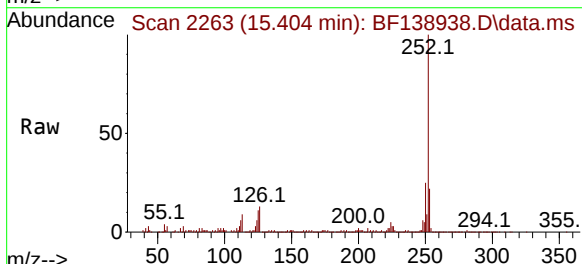
Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

Tgt Ion:252 Resp: 160258
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.7 8.6 13.0



#90
Benzo(a)pyrene
Concen: 55.322 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF138938.D
Acq: 12 Aug 2024 17:16

Tgt Ion:252 Resp: 156531
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.0 9.5 14.3



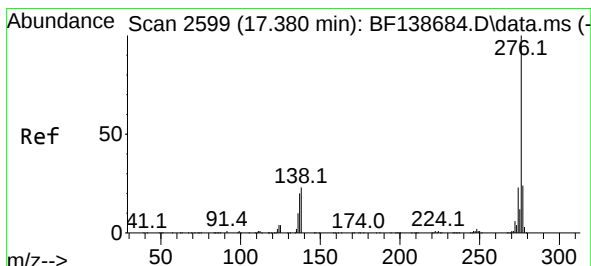
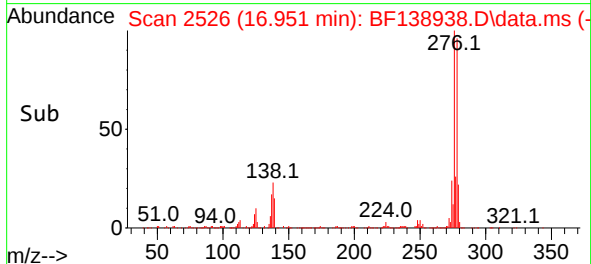
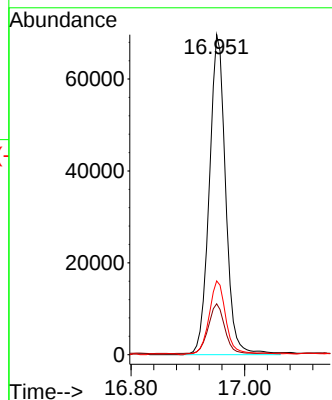
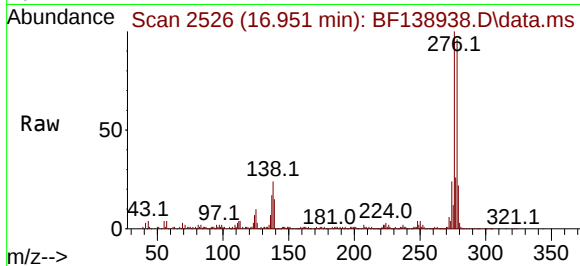


#91
 Dibenzo(a,h)anthracene
 Concen: 43.536 ng
 RT: 16.951 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138938.D
 Acq: 12 Aug 2024 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B-105-SB02MSD

Tgt Ion:278 Resp: 138974

Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.0	21.0
279	23.0	19.0	28.4



#92
 Benzo(g,h,i)perylene
 Concen: 38.641 ng
 RT: 17.392 min Scan# 2601
 Delta R.T. 0.012 min
 Lab File: BF138938.D
 Acq: 12 Aug 2024 17:16

Tgt Ion:276 Resp: 127999

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	19.0	18.5	27.7

