

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138640.D
 Acq On : 24 Jul 2024 15:05
 Operator : RC/JU
 Sample : PB162256BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162256BS

Quant Time: Jul 24 15:49:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	83060	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	340347	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	187813	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	330524	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	149555	20.000	ng	-0.02
86) Perylene-d12	15.468	264	168394	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	660692	125.978	ng	0.00
7) Phenol-d6	6.493	99	880992	126.276	ng	-0.01
23) Nitrobenzene-d5	7.422	82	580349	83.720	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	229634	130.823	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	993548	82.679	ng	-0.02
79) Terphenyl-d14	12.957	244	988982	107.731	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	82730	35.617	ng	98
3) Pyridine	3.457	79	217751	38.015	ng	97
4) n-Nitrosodimethylamine	3.416	42	165449	44.370	ng	89
6) Aniline	6.516	93	227264	34.778	ng	# 34
8) 2-Chlorophenol	6.640	128	269744	48.642	ng	98
9) Benzaldehyde	6.404	77	22008	5.893	ng	96
10) Phenol	6.510	94	342507	46.251	ng	87
11) bis(2-Chloroethyl)ether	6.593	93	263811	47.316	ng	97
12) 1,3-Dichlorobenzene	6.793	146	273253	43.837	ng	97
13) 1,4-Dichlorobenzene	6.869	146	278740	44.035	ng	98
14) 1,2-Dichlorobenzene	7.022	146	268172	45.488	ng	98
15) Benzyl Alcohol	6.998	79	250032	47.754	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	464812	42.393	ng	64
17) 2-Methylphenol	7.110	107	217191	47.788	ng	96
18) Hexachloroethane	7.363	117	106203	45.639	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	204219	47.372	ng	94
20) 3+4-Methylphenols	7.269	107	266746	46.608	ng	# 90
22) Acetophenone	7.263	105	351729	42.551	ng	98
24) Nitrobenzene	7.440	77	308127	43.740	ng	98
25) Isophorone	7.675	82	548144	46.045	ng	99
26) 2-Nitrophenol	7.751	139	144237	47.772	ng	94
27) 2,4-Dimethylphenol	7.792	122	194171	52.325	ng	98
28) bis(2-Chloroethoxy)met...	7.887	93	326692	45.919	ng	97
29) 2,4-Dichlorophenol	7.998	162	216189	44.863	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	232410	41.401	ng	98
31) Naphthalene	8.157	128	782523	44.208	ng	100
32) Benzoic acid	7.928	122	115493	32.632	ng	91
33) 4-Chloroaniline	8.204	127	124980	20.123	ng	98
34) Hexachlorobutadiene	8.269	225	137574	39.798	ng	100
35) Caprolactam	8.581	113	42734	27.482	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	252425	46.790	ng	99
37) 2-Methylnaphthalene	8.845	142	502046	44.074	ng	99
38) 1-Methylnaphthalene	8.945	142	462516	41.604	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	208796	39.889	ng	98
41) Hexachlorocyclopentadiene	8.998	237	189749	111.682	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	143219	42.893	ng	98

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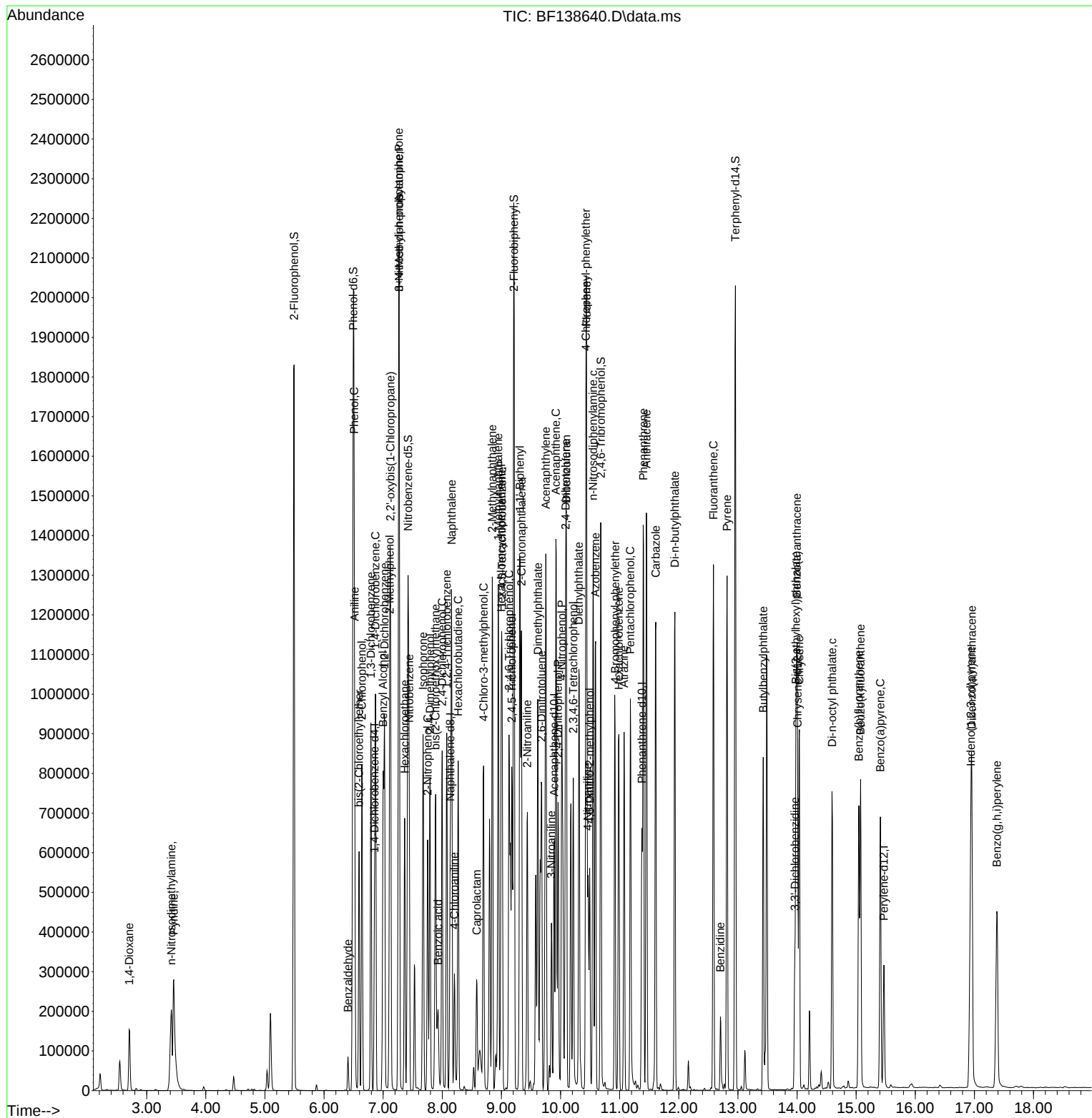
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	156215	42.537	ng	# 93
46) 1,1'-Biphenyl	9.310	154	593021	41.664	ng	99
47) 2-Chloronaphthalene	9.339	162	466170	43.354	ng	99
48) 2-Nitroaniline	9.439	65	174398	46.804	ng	99
49) Acenaphthylene	9.751	152	741143	48.548	ng	99
50) Dimethylphthalate	9.616	163	569026	46.855	ng	100
51) 2,6-Dinitrotoluene	9.681	165	124127	44.391	ng	91
52) Acenaphthene	9.922	154	449800	44.325	ng	99
53) 3-Nitroaniline	9.845	138	78999	27.565	ng	88
54) 2,4-Dinitrophenol	9.957	184	121467	80.886	ng	95
55) Dibenzofuran	10.098	168	657710	44.684	ng	99
56) 4-Nitrophenol	10.022	139	169198	80.013	ng	99
57) 2,4-Dinitrotoluene	10.086	165	166584	46.044	ng	91
58) Fluorene	10.439	166	526125	45.175	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	132919	45.861	ng	97
60) Diethylphthalate	10.310	149	546671	46.694	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	251898	43.073	ng	93
62) 4-Nitroaniline	10.463	138	125786	43.799	ng	99
63) Azobenzene	10.592	77	597806	47.493	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	94717	49.630	ng	83
66) n-Nitrosodiphenylamine	10.551	169	455386	45.986	ng	97
67) 4-Bromophenyl-phenylether	10.922	248	151462	44.585	ng	99
68) Hexachlorobenzene	10.986	284	166936	44.233	ng	96
69) Atrazine	11.075	200	143423	43.684	ng	98
70) Pentachlorophenol	11.180	266	166826	74.703	ng	97
71) Phenanthrene	11.398	178	773279	46.309	ng	100
72) Anthracene	11.451	178	790780	47.707	ng	99
73) Carbazole	11.610	167	666319	44.731	ng	99
74) Di-n-butylphthalate	11.933	149	834624	48.608	ng	99
75) Fluoranthene	12.586	202	739469	43.399	ng	98
77) Benzidine	12.704	184	100172	26.548	ng	98
78) Pyrene	12.816	202	731124	48.158	ng	100
80) Butylbenzylphthalate	13.427	149	248194	54.345	ng	97
81) Benzo(a)anthracene	13.998	228	472992	47.134	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	81389	31.475	ng	# 97
83) Chrysene	14.039	228	447742	47.164	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	288374	59.205	ng	98
85) Di-n-octyl phthalate	14.592	149	458564	59.596	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	551696	48.775	ng	99
88) Benzo(b)fluoranthene	15.045	252	418702	44.151	ng	99
89) Benzo(k)fluoranthene	15.074	252	424911	45.941	ng	99
90) Benzo(a)pyrene	15.410	252	413324	49.614	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	441129	47.677	ng	100
92) Benzo(g,h,i)perylene	17.380	276	435100	44.347	ng	97

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

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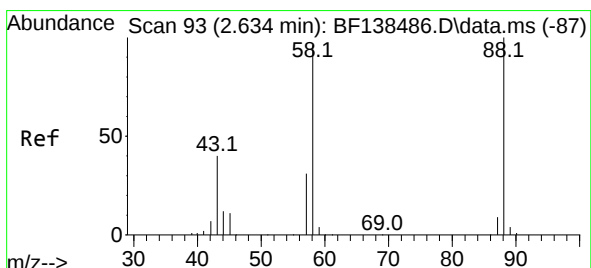
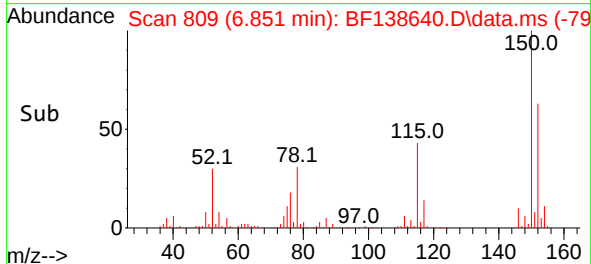
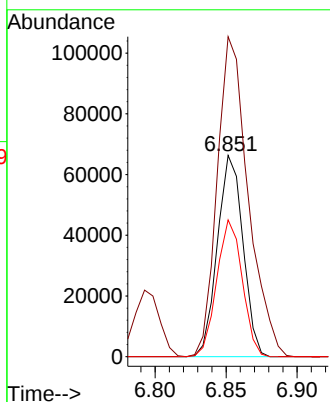
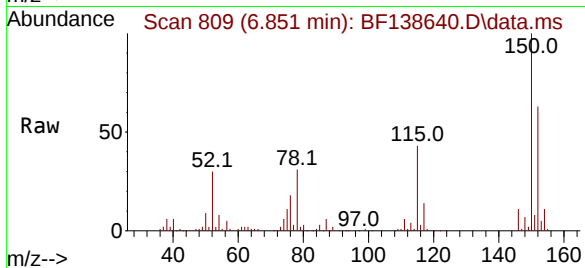




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

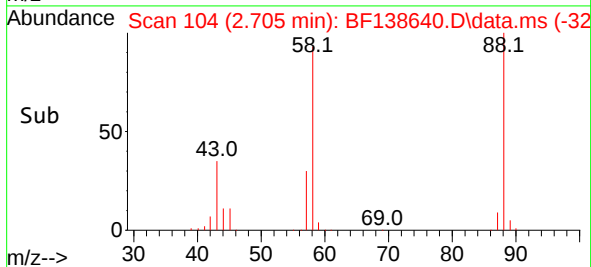
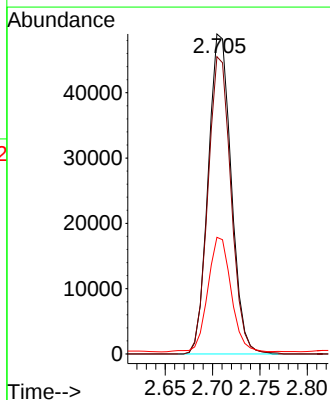
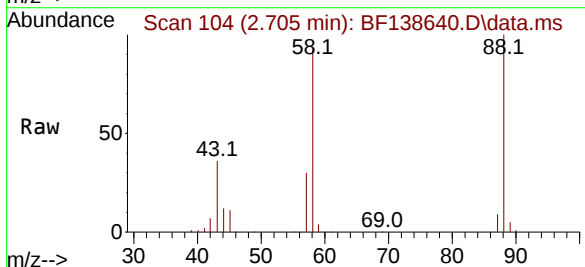
Instrument :
BNA_F
ClientSampleId :
PB162256BS

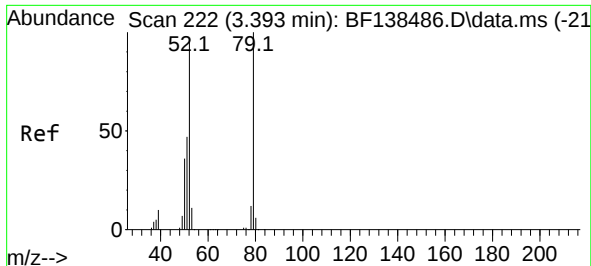
Tgt Ion:152 Resp: 83060
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.4
115 68.0 50.3 75.5



#2
1,4-Dioxane
Concen: 35.617 ng
RT: 2.705 min Scan# 104
Delta R.T. 0.071 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion: 88 Resp: 82730
Ion Ratio Lower Upper
88 100
58 93.1 74.6 112.0
43 36.3 31.8 47.6





#3

Pyridine

Concen: 38.015 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF138640.D

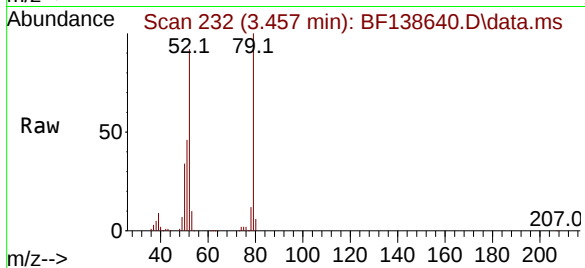
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Instrument :

BNA_F

ClientSampleId :

PB162256BS



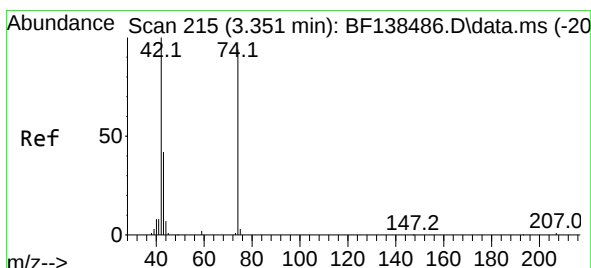
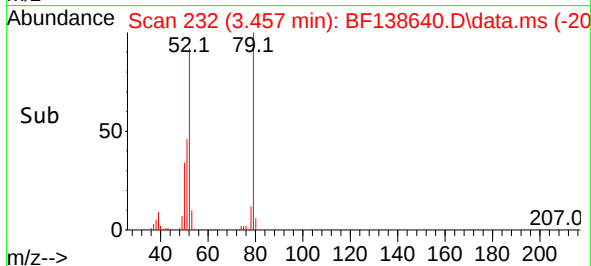
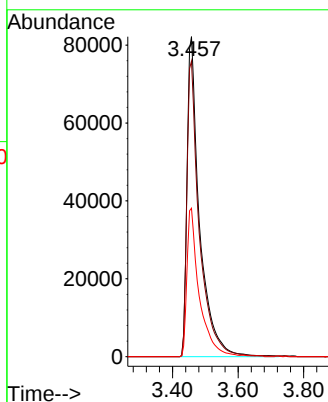
Tgt Ion: 79 Resp: 217751

Ion Ratio Lower Upper

79 100

52 92.3 77.4 116.2

51 46.4 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 44.370 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.065 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

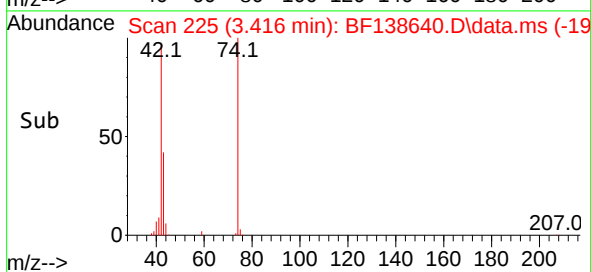
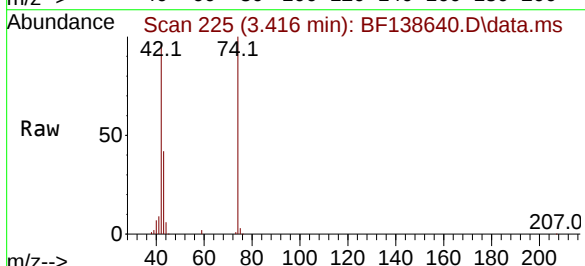
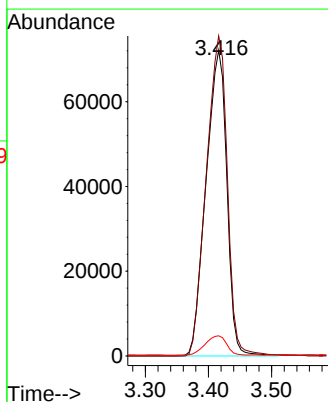
Tgt Ion: 42 Resp: 165449

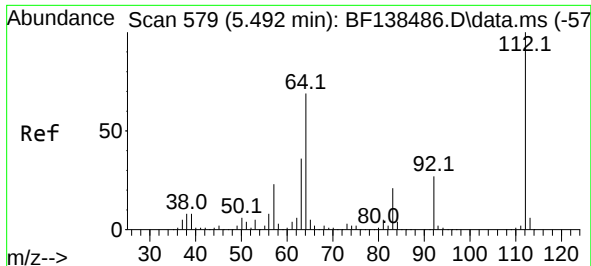
Ion Ratio Lower Upper

42 100

74 104.6 75.0 112.6

44 6.6 5.4 8.2

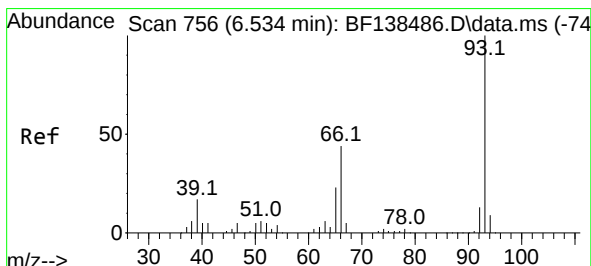
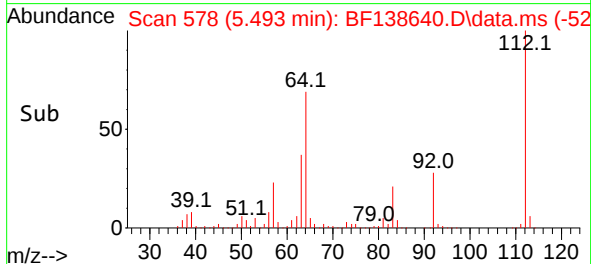
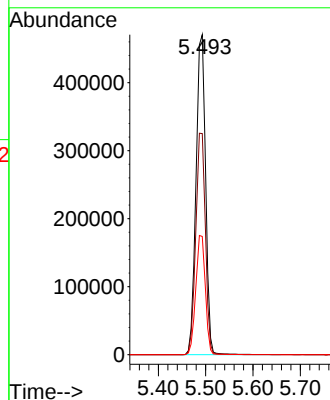
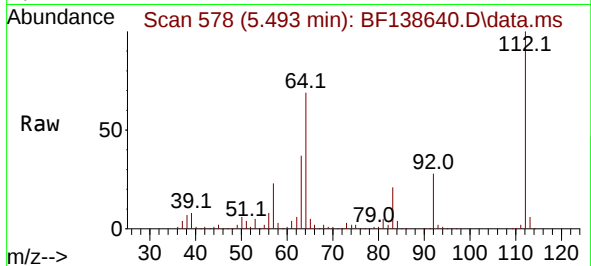




#5
2-Fluorophenol
Concen: 125.978 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

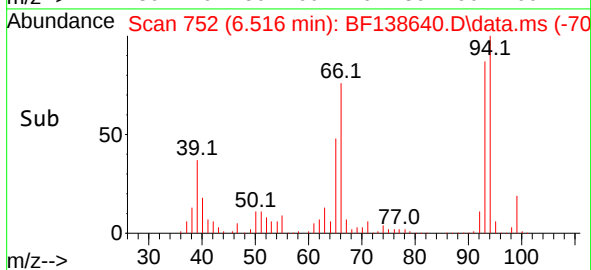
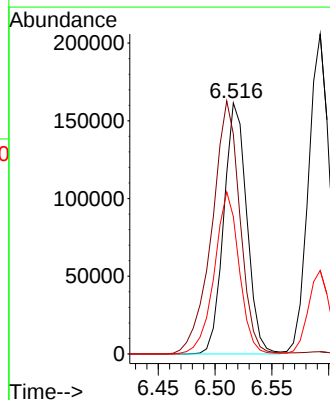
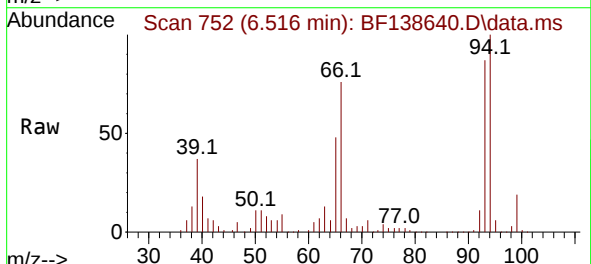
Instrument :
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Tgt Ion:112 Resp: 660692
Ion Ratio Lower Upper
112 100
64 69.1 55.1 82.7
63 36.9 29.0 43.6



#6
Aniline
Concen: 34.778 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion: 93 Resp: 227264
Ion Ratio Lower Upper
93 100
66 87.7 35.4 53.0#
65 54.8 18.6 27.8#

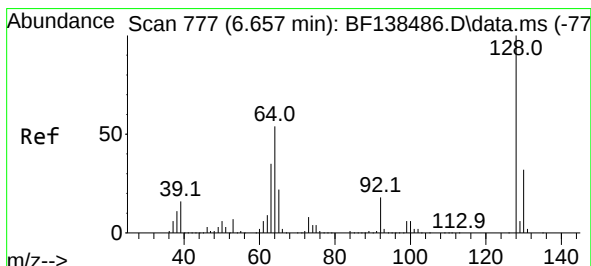
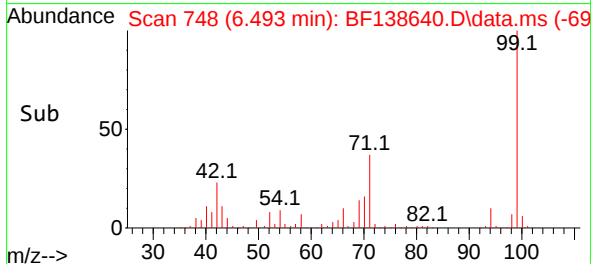
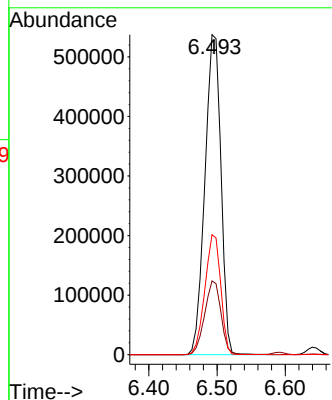
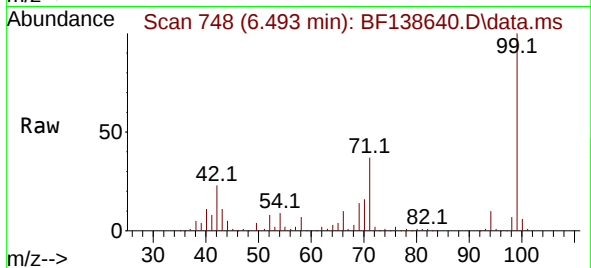




#7
Phenol-d6
Concen: 126.276 ng
RT: 6.493 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

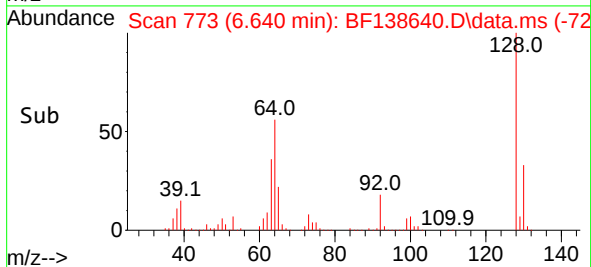
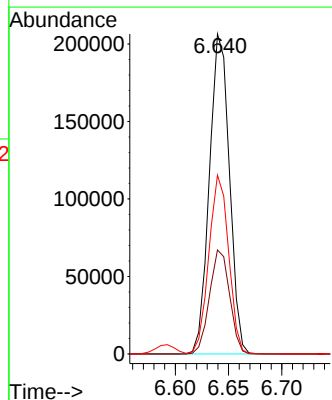
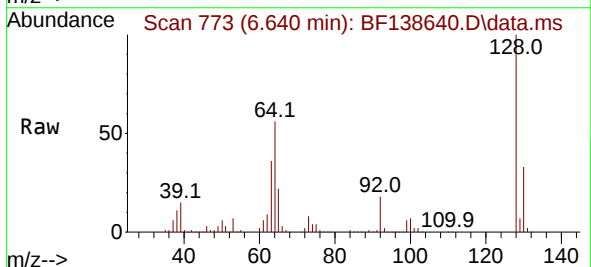
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Tgt Ion: 99 Resp: 880992
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 37.5 29.9 44.9



#8
2-Chlorophenol
Concen: 48.642 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:128 Resp: 269744
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 55.9 34.4 74.4





#9

Benzaldehyde

Concen: 5.893 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

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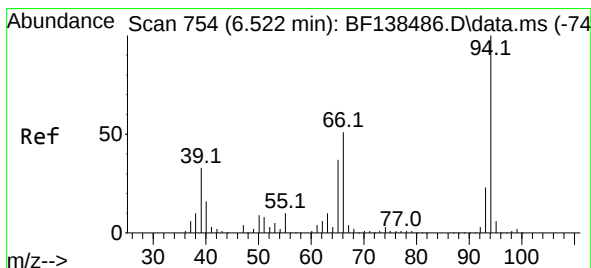
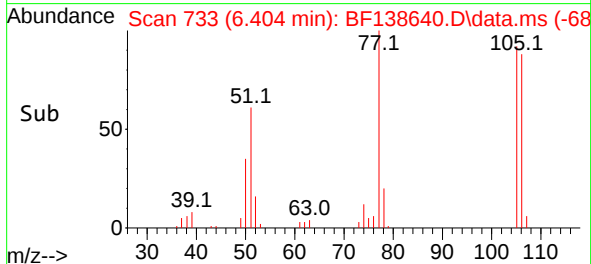
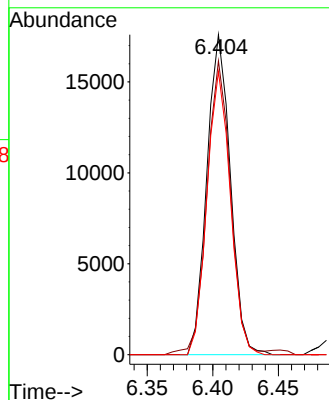
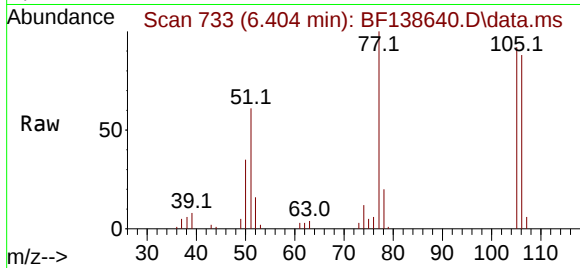
Tgt Ion: 77 Resp: 22008

Ion Ratio Lower Upper

77 100

105 91.8 75.1 115.1

106 88.5 73.2 113.2



#10

Phenol

Concen: 46.251 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.012 min

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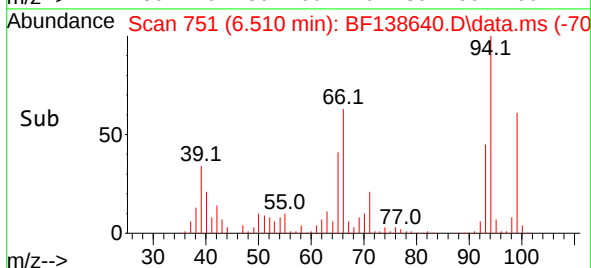
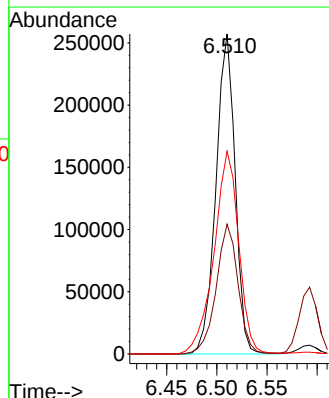
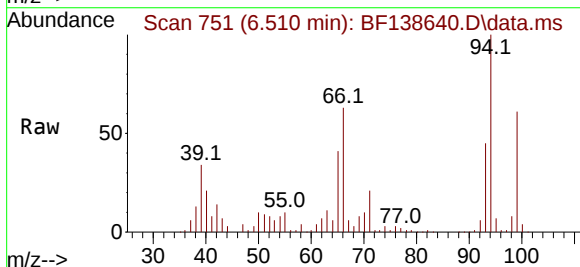
Tgt Ion: 94 Resp: 342507

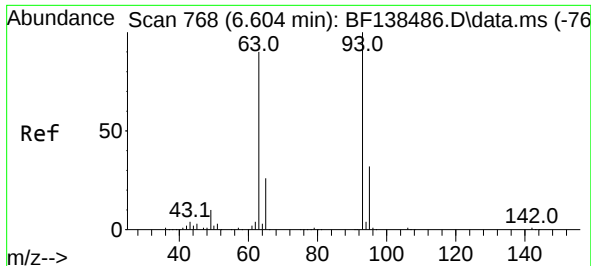
Ion Ratio Lower Upper

94 100

65 40.6 16.7 56.7

66 63.3 31.2 71.2

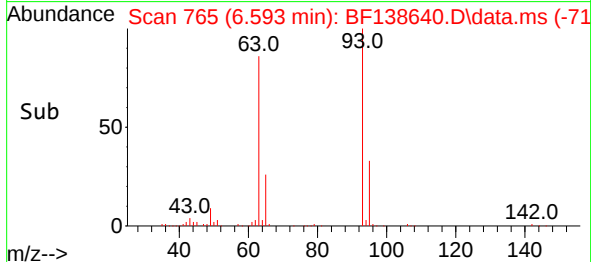
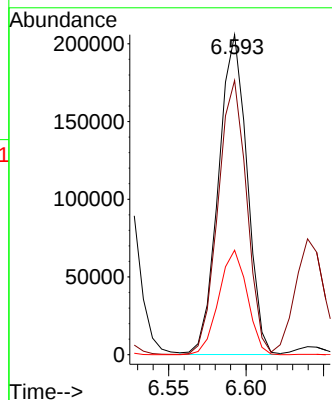
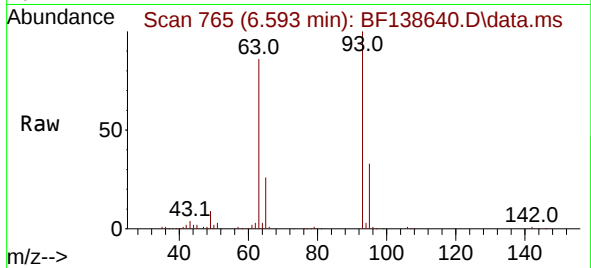




#11
bis(2-Chloroethyl)ether
Concen: 47.316 ng
RT: 6.593 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

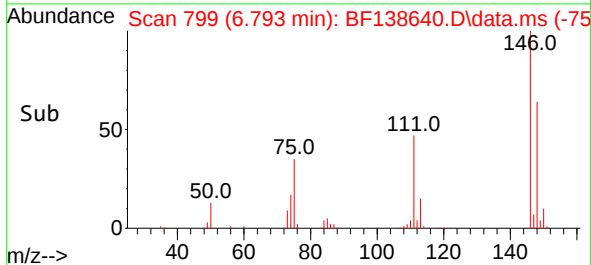
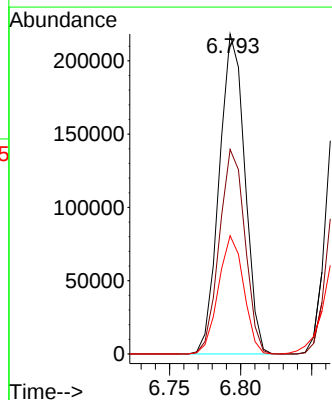
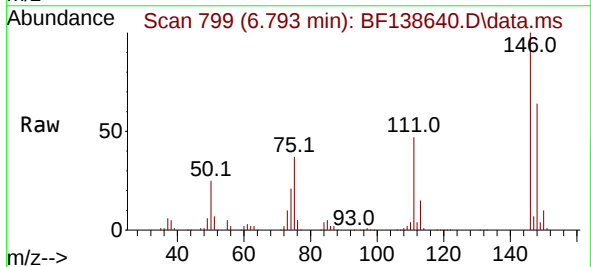
Instrument :
BNA_F
ClientSampleId :
PB162256BS

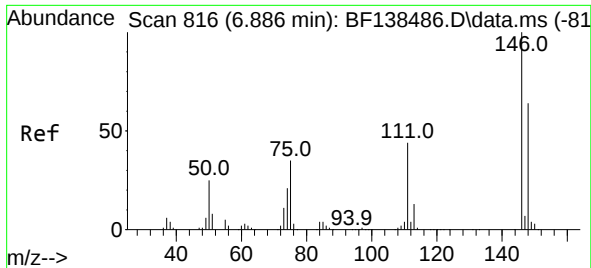
Tgt Ion: 93 Resp: 263811
Ion Ratio Lower Upper
93 100
63 85.7 68.8 108.8
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.837 ng
RT: 6.793 min Scan# 799
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:146 Resp: 273253
Ion Ratio Lower Upper
146 100
148 63.9 52.4 78.6
75 37.0 27.8 41.8

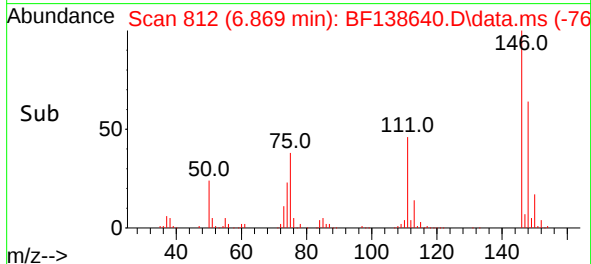
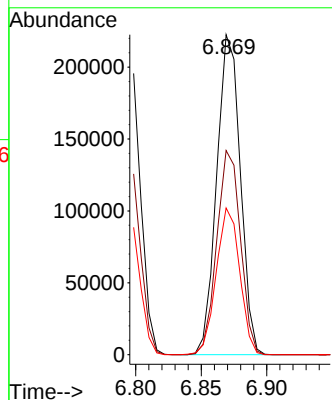
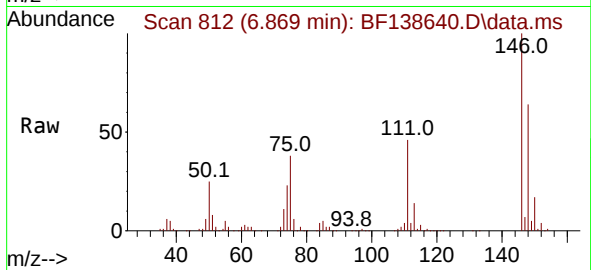




#13
1,4-Dichlorobenzene
Concen: 44.035 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

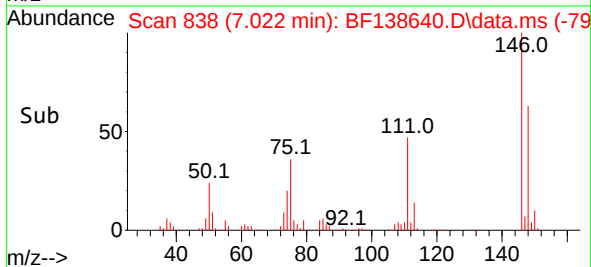
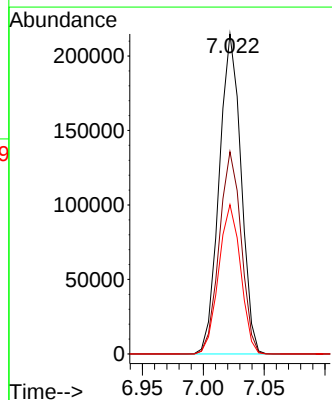
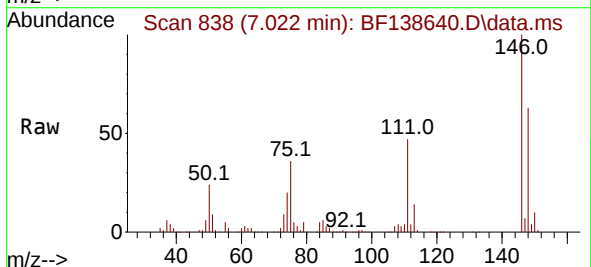
Instrument :
BNA_F
ClientSampleId :
PB162256BS

Tgt Ion:146 Resp: 278740
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 45.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 45.488 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:146 Resp: 268172
Ion Ratio Lower Upper
146 100
148 63.2 50.1 75.1
111 46.7 35.5 53.3

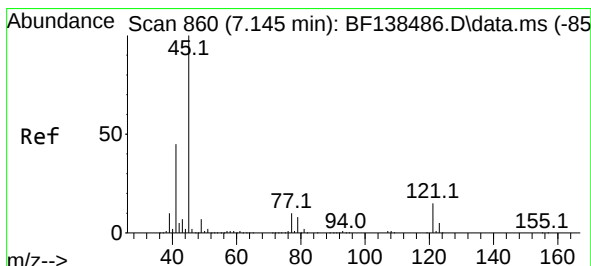
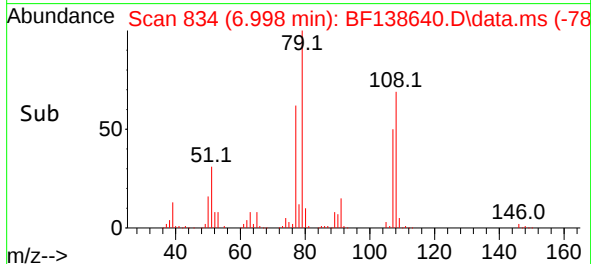
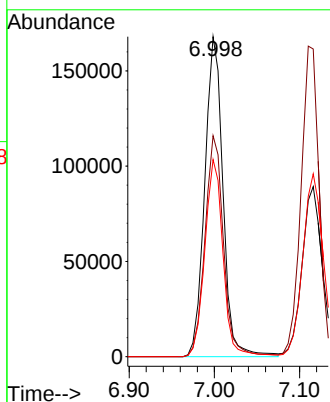
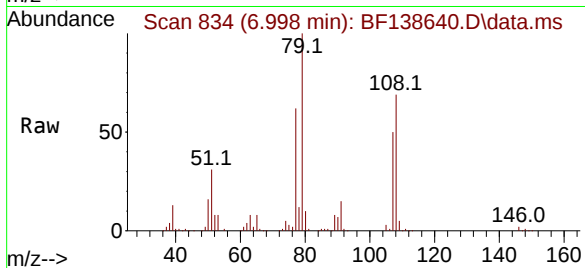




#15
Benzyl Alcohol
Concen: 47.754 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

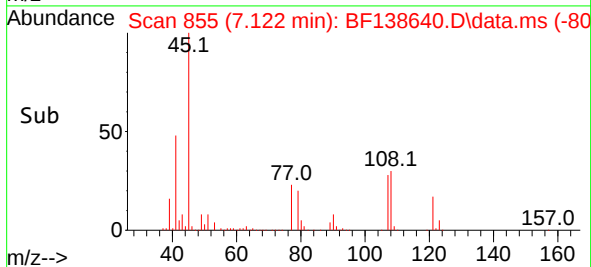
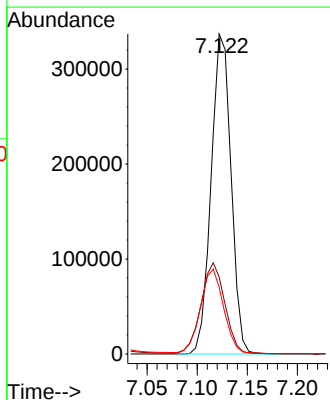
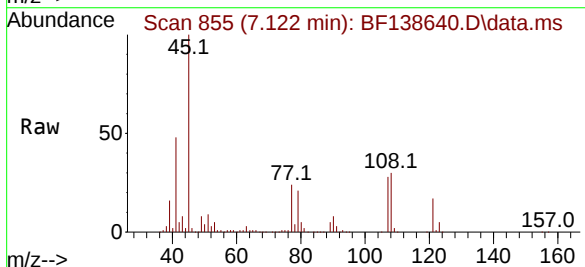
Instrument :
BNA_F
ClientSampleId :
PB162256BS

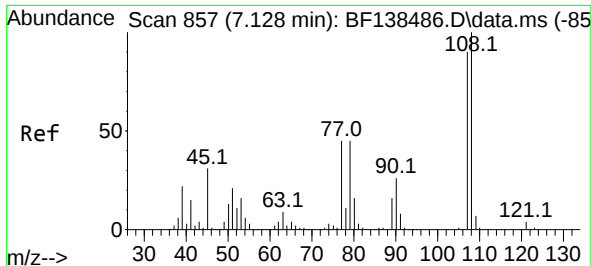
Tgt Ion: 79 Resp: 250032
Ion Ratio Lower Upper
79 100
108 69.1 54.3 81.5
77 61.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.393 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.023 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion: 45 Resp: 464812
Ion Ratio Lower Upper
45 100
77 24.1 0.0 30.4
79 20.8 0.0 28.1





#17

2-Methylphenol

Concen: 47.788 ng

RT: 7.110 min Scan# 81

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

Tgt Ion:107 Resp: 217191

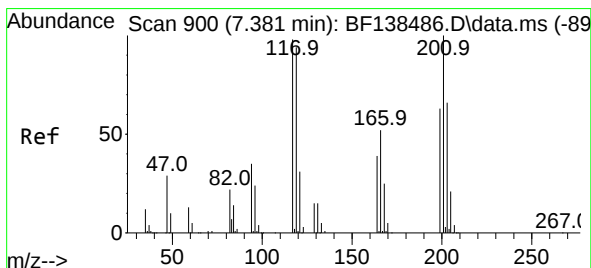
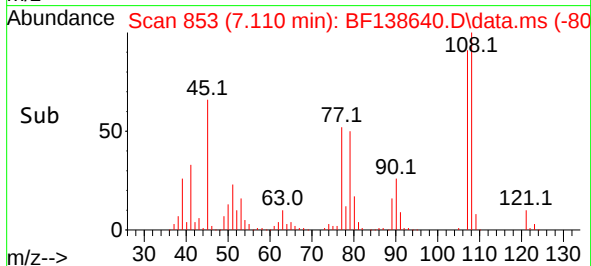
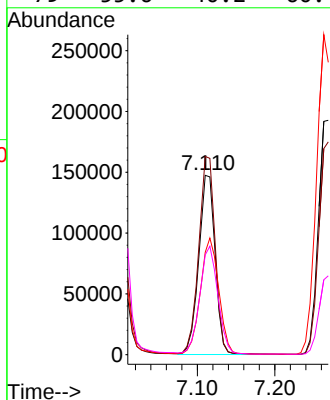
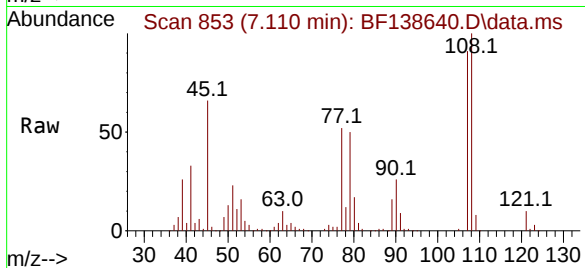
Ion Ratio Lower Upper

107 100

108 110.5 89.0 133.4

77 57.1 40.3 60.5

79 55.6 40.2 60.4



#18

Hexachloroethane

Concen: 45.639 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

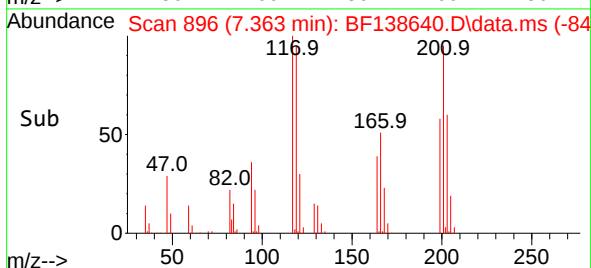
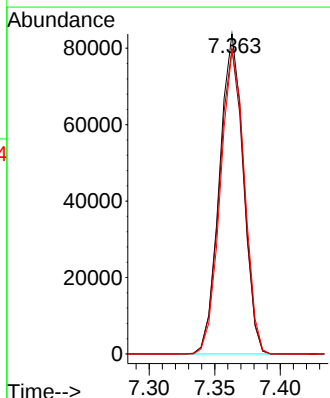
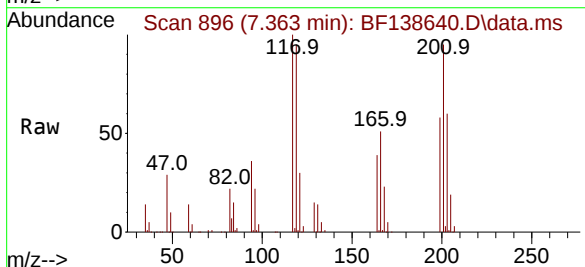
Tgt Ion:117 Resp: 106203

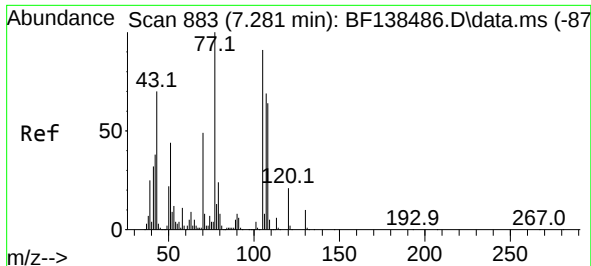
Ion Ratio Lower Upper

117 100

119 95.4 76.6 114.8

201 94.9 81.4 122.0

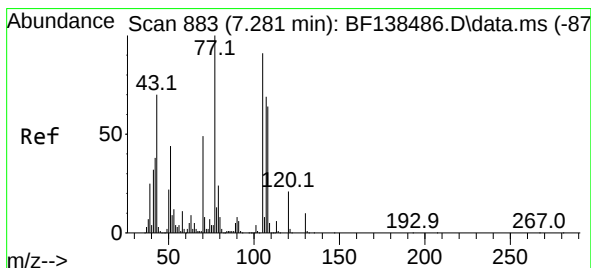
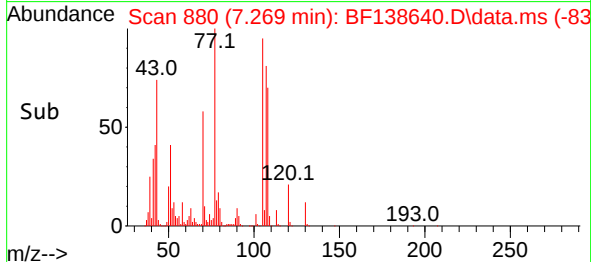
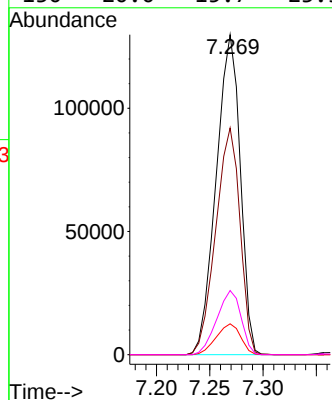
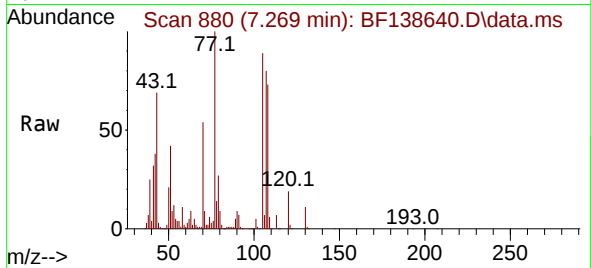




#19
n-Nitroso-di-n-propylamine
Concen: 47.372 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

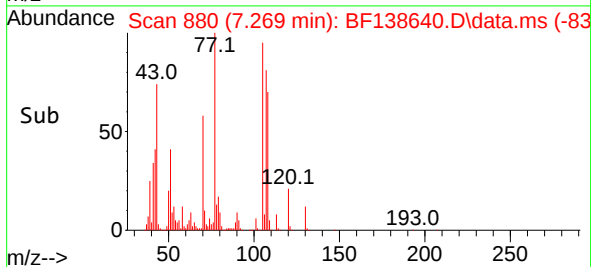
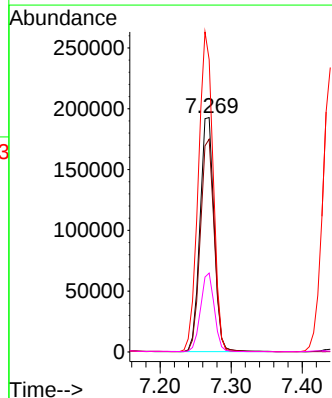
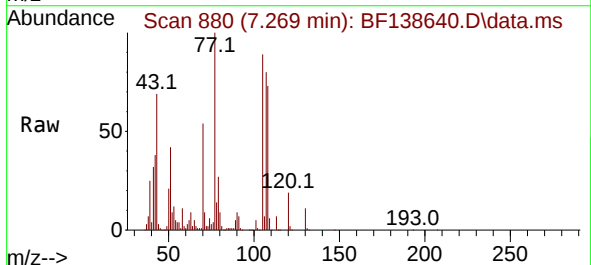
Instrument :
BNA_F
ClientSampleId :
PB162256BS

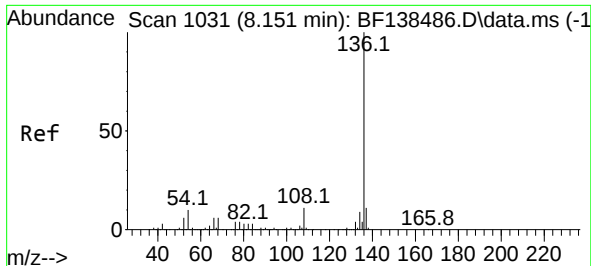
Tgt Ion: 70 Resp: 204219
Ion Ratio Lower Upper
70 100
42 70.8 62.4 93.6
101 9.7 7.2 10.8
130 20.0 15.7 23.5



#20
3+4-Methylphenols
Concen: 46.608 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion: 107 Resp: 266746
Ion Ratio Lower Upper
107 100
108 90.8 73.7 113.7
77 124.7 126.0 166.0#
79 33.7 15.4 55.4

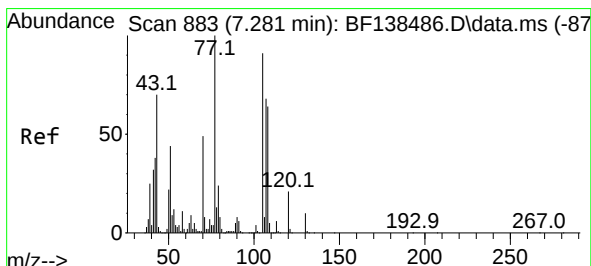
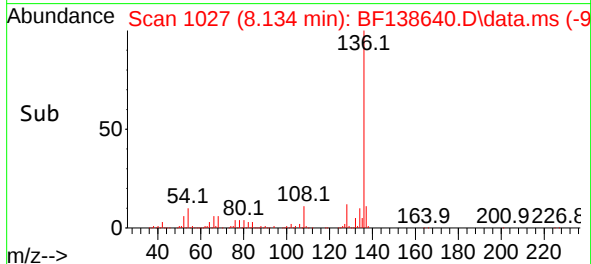
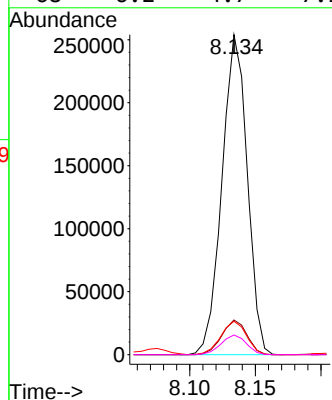
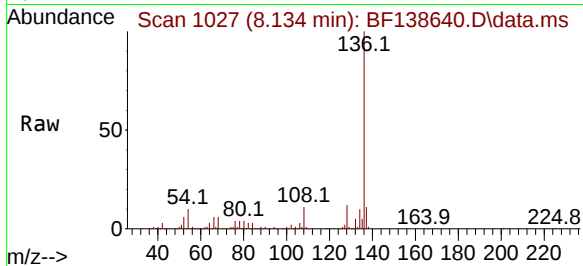




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

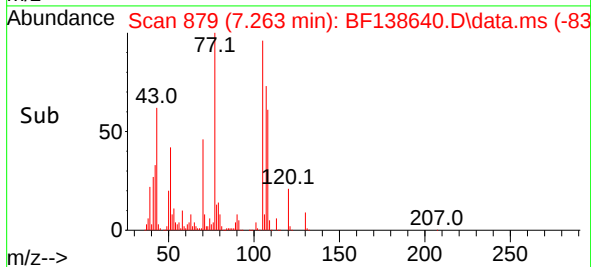
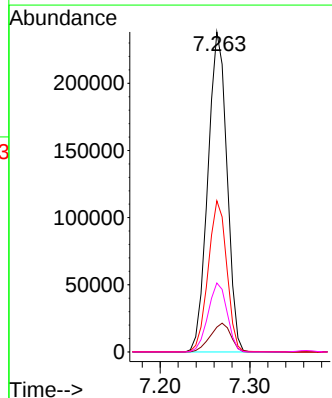
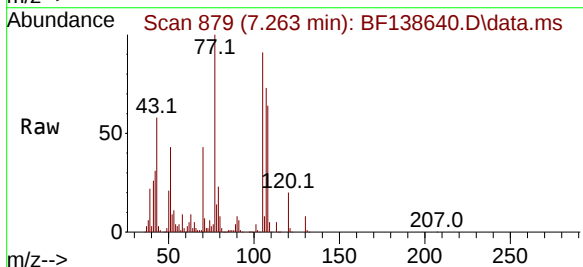
Instrument :
BNA_F
ClientSampleId :
PB162256BS

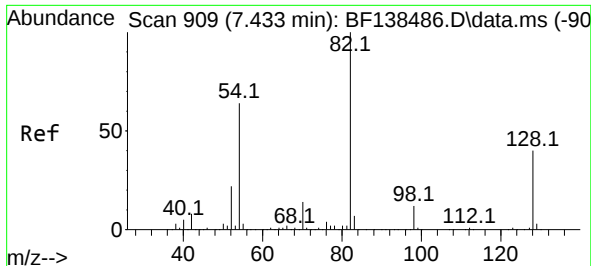
Tgt Ion:136 Resp: 340347
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.5 8.1 12.1
68 6.2 4.7 7.1



#22
Acetophenone
Concen: 42.551 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:105 Resp: 351729
Ion Ratio Lower Upper
105 100
71 7.8 7.4 11.2
51 47.3 38.7 58.1
120 21.5 18.2 27.2





#23

Nitrobenzene-d5

Concen: 83.720 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

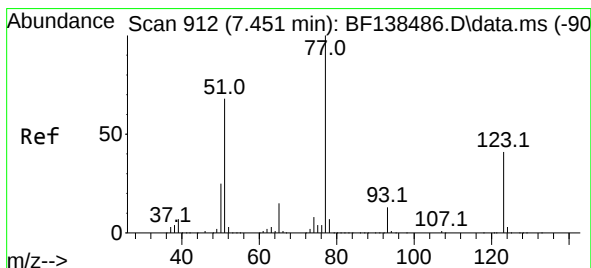
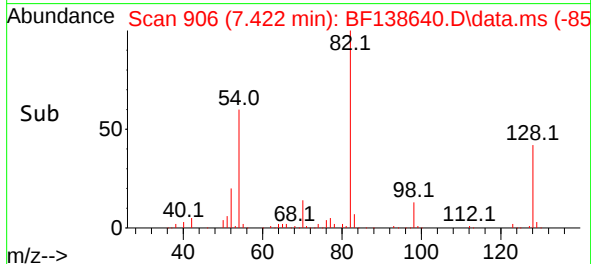
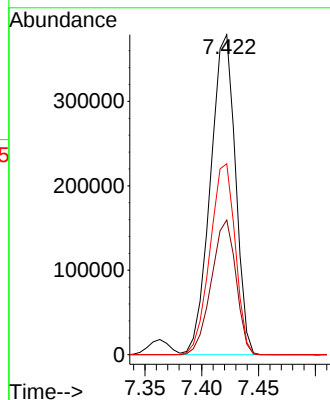
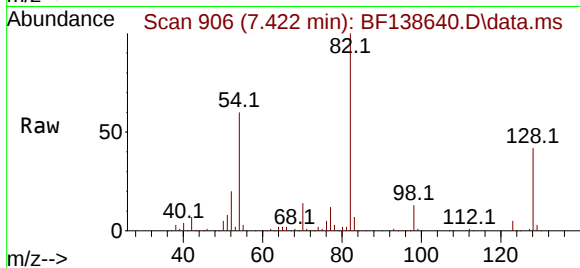
Tgt Ion: 82 Resp: 580349

Ion Ratio Lower Upper

82 100

128 42.1 32.3 48.5

54 59.7 51.4 77.0



#24

Nitrobenzene

Concen: 43.740 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

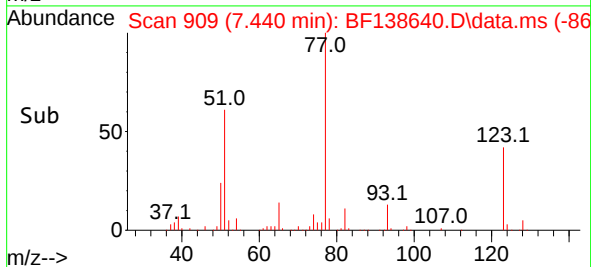
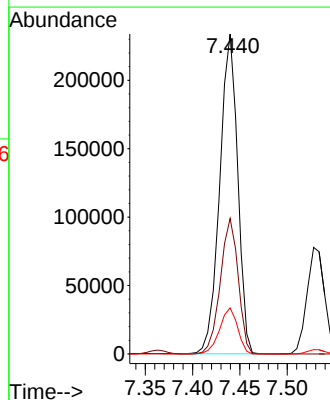
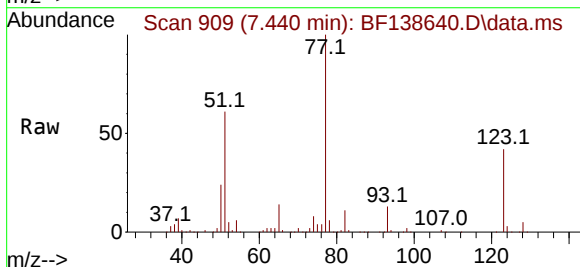
Tgt Ion: 77 Resp: 308127

Ion Ratio Lower Upper

77 100

123 42.3 32.4 48.6

65 14.4 11.8 17.8

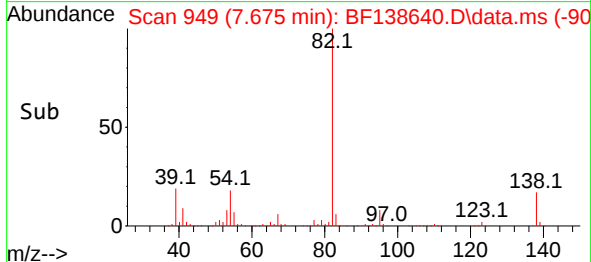
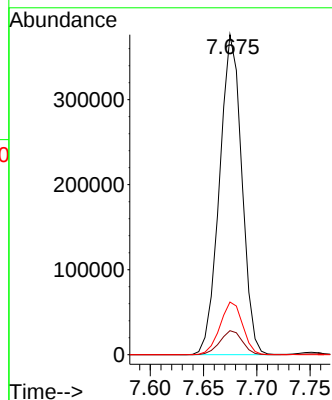
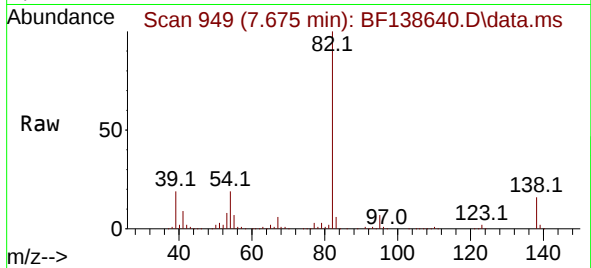




#25
Isophorone
Concen: 46.045 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

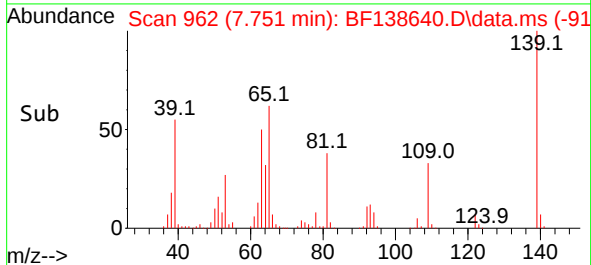
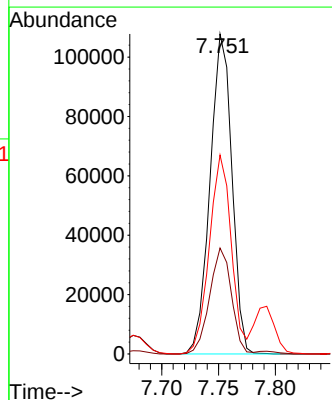
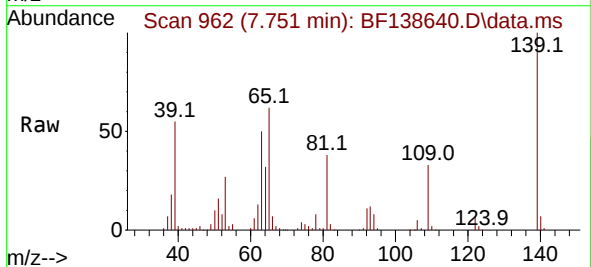
Instrument :
BNA_F
ClientSampleId :
PB162256BS

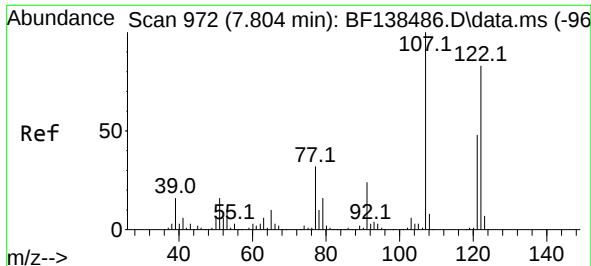
Tgt Ion: 82 Resp: 548144
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 16.4 12.8 19.2



#26
2-Nitrophenol
Concen: 47.772 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:139 Resp: 144237
Ion Ratio Lower Upper
139 100
109 33.1 24.8 37.2
65 62.2 45.1 67.7

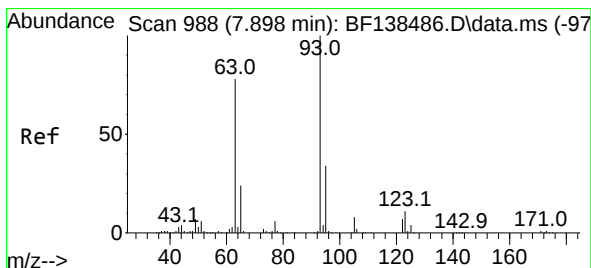
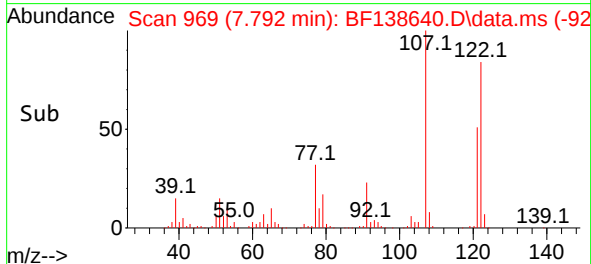
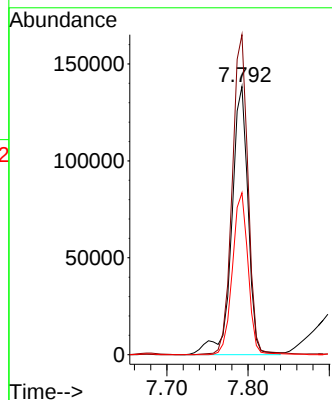
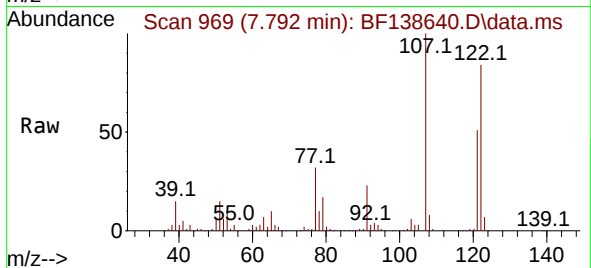




#27
2,4-Dimethylphenol
Concen: 52.325 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

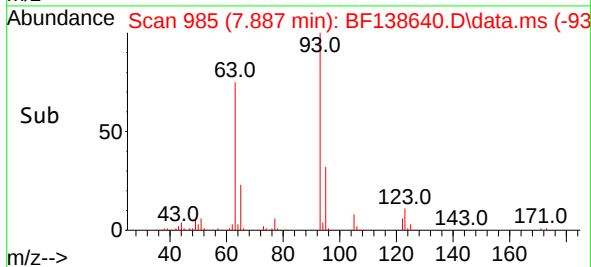
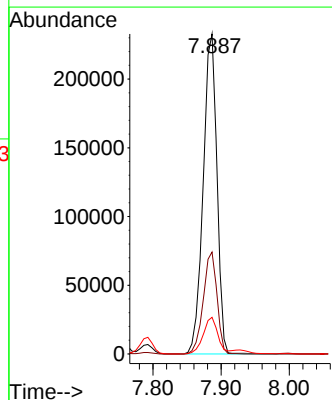
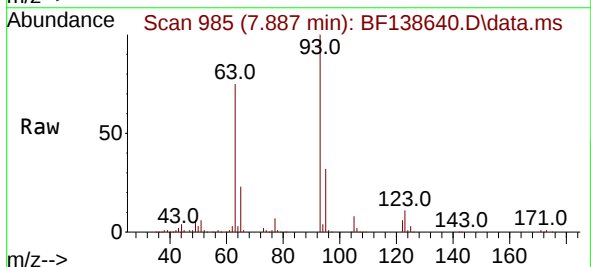
Instrument :
BNA_F
ClientSampleId :
PB162256BS

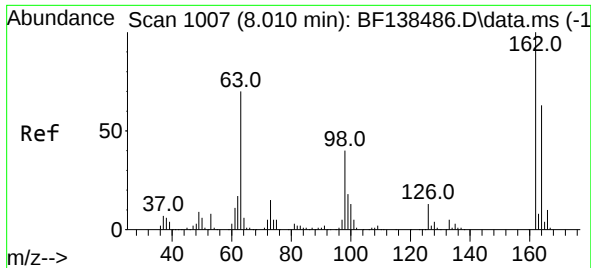
Tgt Ion:122 Resp: 194171
Ion Ratio Lower Upper
122 100
107 119.3 96.3 144.5
121 60.4 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 45.919 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion: 93 Resp: 326692
Ion Ratio Lower Upper
93 100
95 31.9 27.0 40.6
123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.863 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

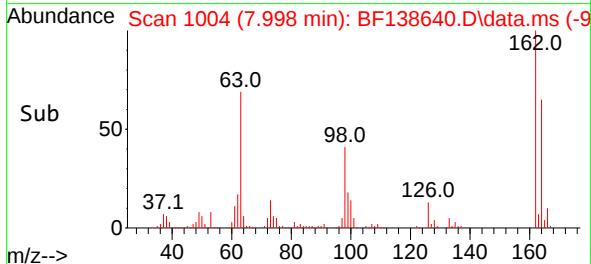
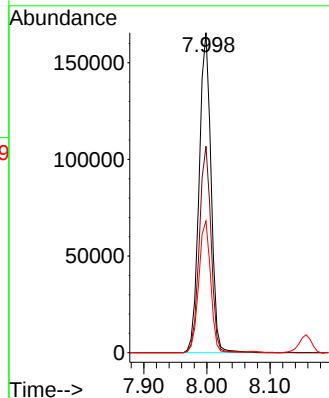
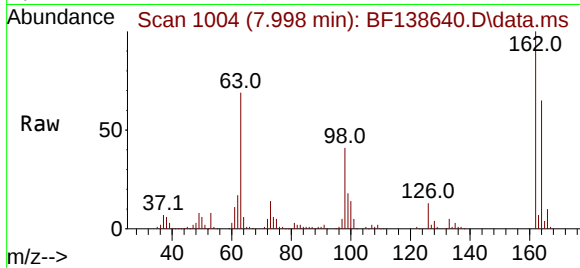
Tgt Ion:162 Resp: 216189

Ion Ratio Lower Upper

162 100

164 64.5 42.6 82.6

98 41.2 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 41.401 ng

RT: 8.075 min Scan# 1017

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

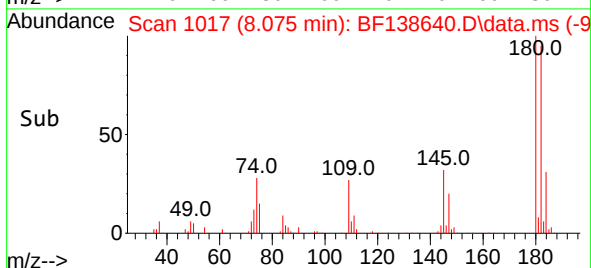
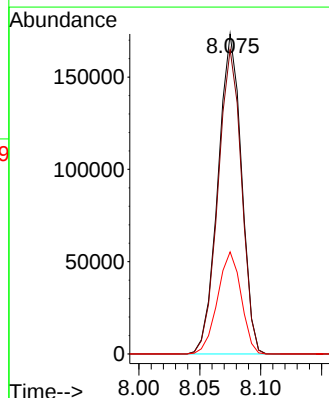
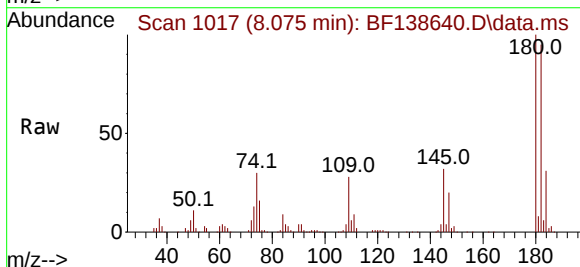
Tgt Ion:180 Resp: 232410

Ion Ratio Lower Upper

180 100

182 95.2 76.9 115.3

145 31.9 23.9 35.9

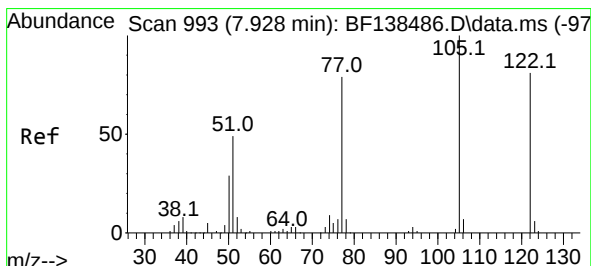
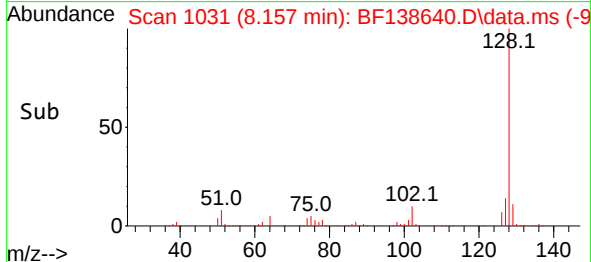
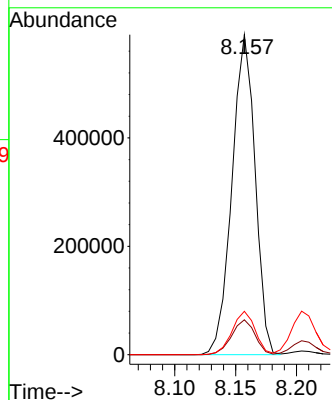
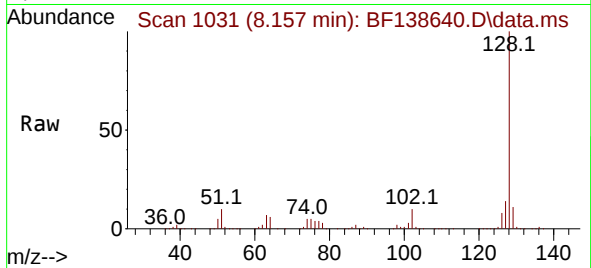




#31
Naphthalene
Concen: 44.208 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

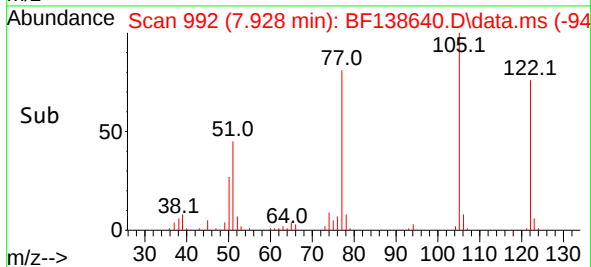
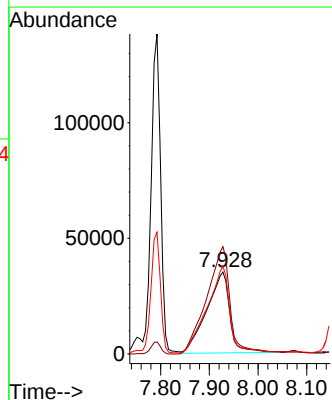
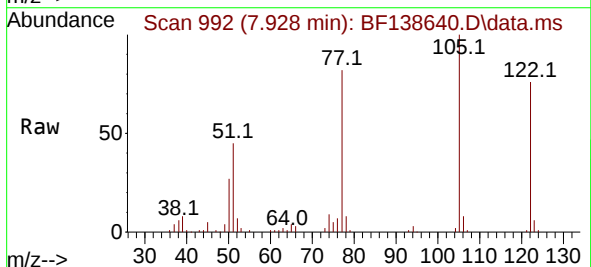
Instrument :
BNA_F
ClientSampleId :
PB162256BS

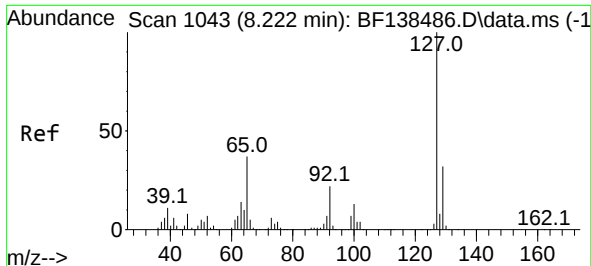
Tgt Ion:128 Resp: 782523
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 32.632 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:122 Resp: 115493
Ion Ratio Lower Upper
122 100
105 130.9 101.5 141.5
77 107.1 77.3 117.3

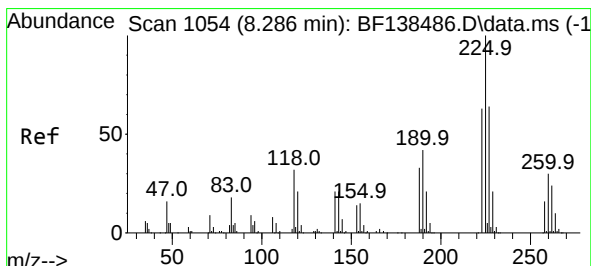
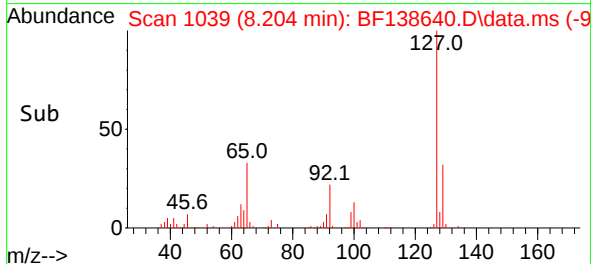
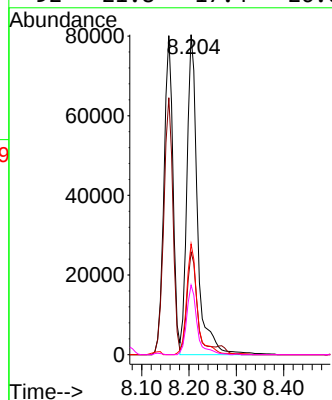
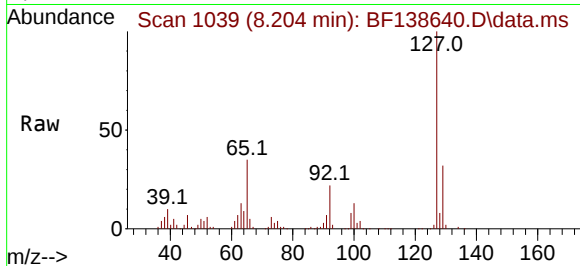




#33
4-Chloroaniline
Concen: 20.123 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

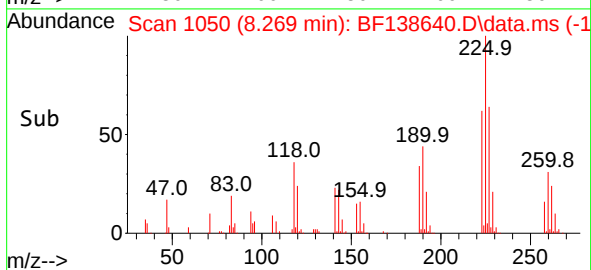
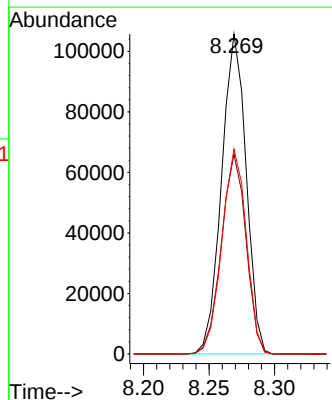
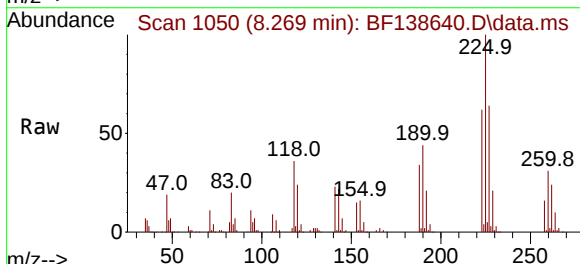
Instrument :
BNA_F
ClientSampleId :
PB162256BS

Tgt Ion:127	Resp: 124980
Ion Ratio	Lower Upper
127 100	
129 32.0	25.6 38.4
65 34.6	29.6 44.4
92 21.8	17.4 26.0



#34
Hexachlorobutadiene
Concen: 39.798 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:225	Resp: 137574
Ion Ratio	Lower Upper
225 100	
223 62.4	50.0 75.0
227 64.0	51.0 76.6

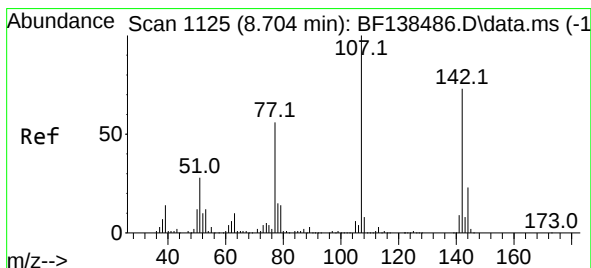
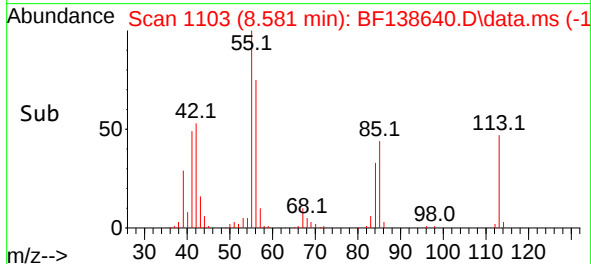
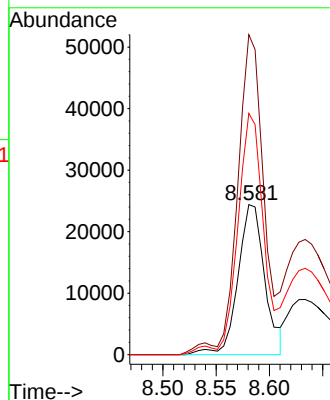
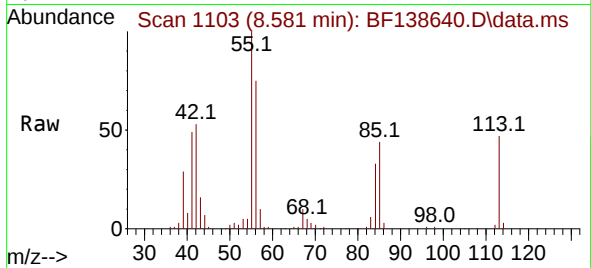




#35
 Caprolactam
 Concen: 27.482 ng
 RT: 8.581 min Scan# 1103
 Delta R.T. -0.017 min
 Lab File: BF138640.D
 Acq: 24 Jul 2024 15:05

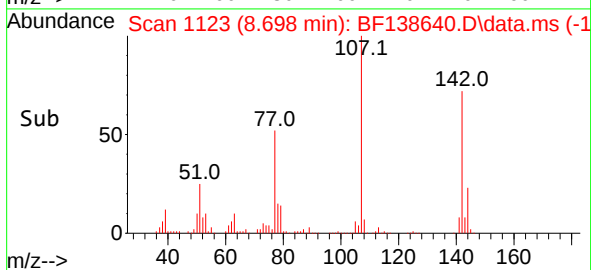
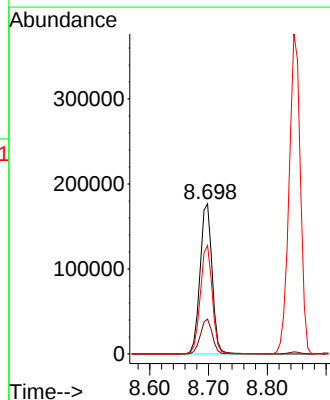
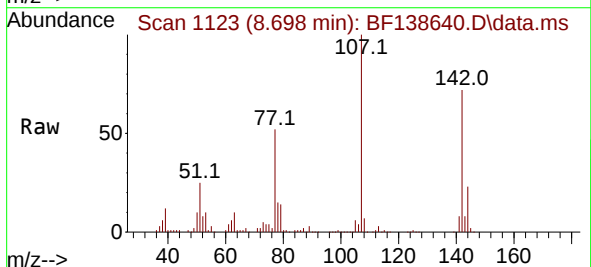
Instrument :
 BNA_F
 ClientSampleId :
 PB162256BS

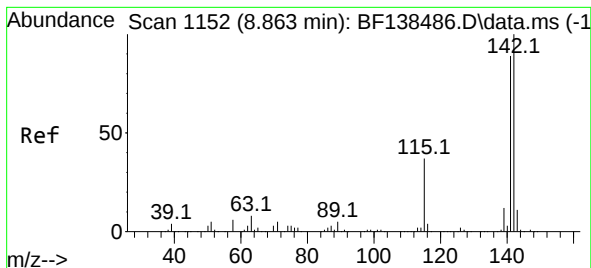
Tgt Ion:113 Resp: 42734
 Ion Ratio Lower Upper
 113 100
 55 213.2 192.5 232.5
 56 160.8 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.790 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BF138640.D
 Acq: 24 Jul 2024 15:05

Tgt Ion:107 Resp: 252425
 Ion Ratio Lower Upper
 107 100
 144 23.2 18.6 27.8
 142 72.2 58.6 88.0





#37

2-Methylnaphthalene

Concen: 44.074 ng

RT: 8.845 min Scan# 1148

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

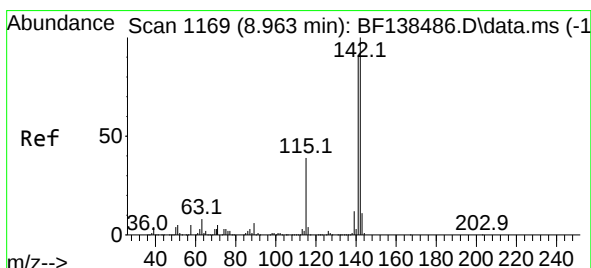
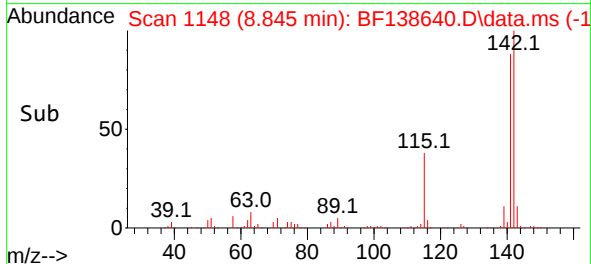
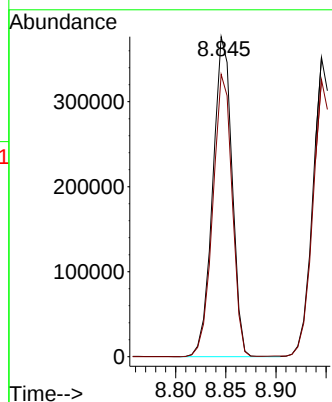
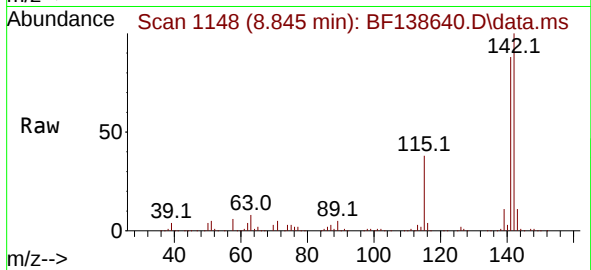
PB162256BS

Tgt Ion:142 Resp: 502046

Ion Ratio Lower Upper

142 100

141 88.2 71.4 107.0



#38

1-Methylnaphthalene

Concen: 41.604 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.017 min

Lab File: BF138640.D

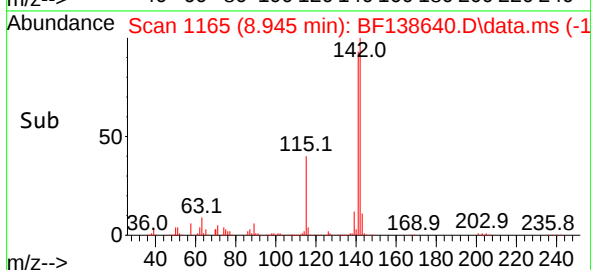
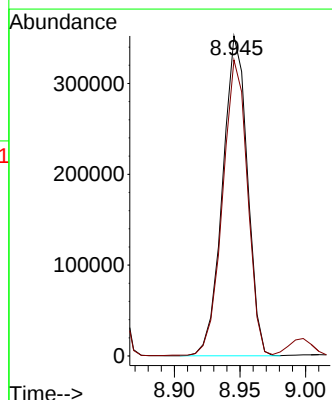
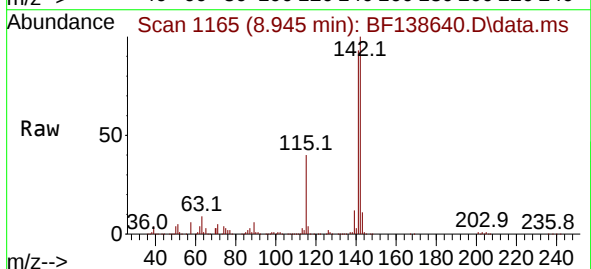
Acq: 24 Jul 2024 15:05

Tgt Ion:142 Resp: 462516

Ion Ratio Lower Upper

142 100

141 92.5 72.6 108.8

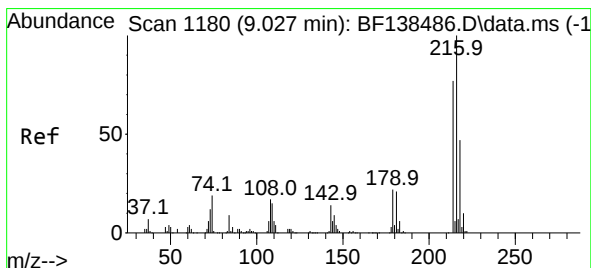
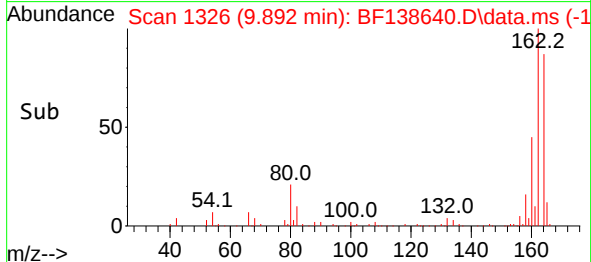
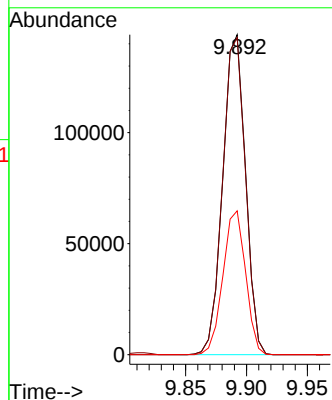
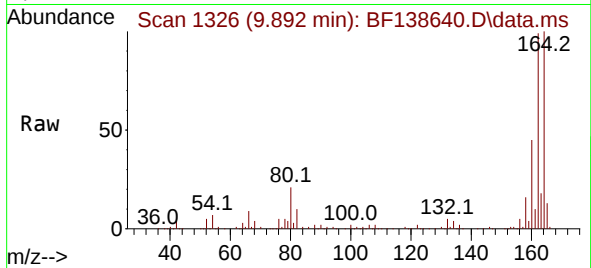




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1176
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

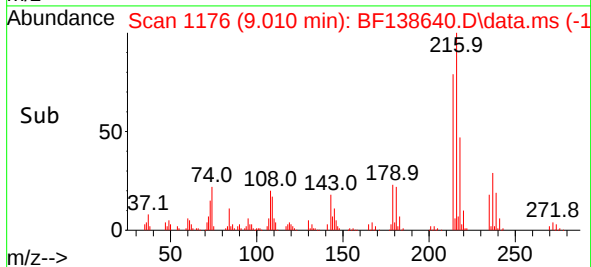
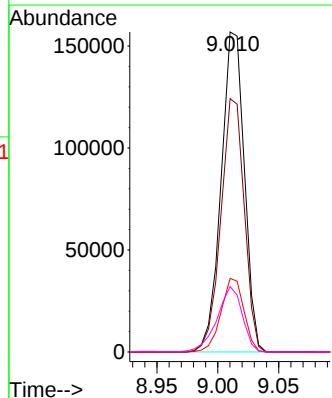
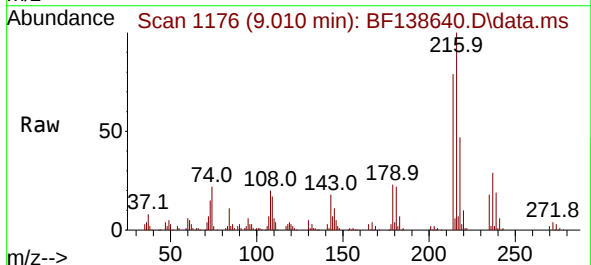
Instrument :
BNA_F
ClientSampleId :
PB162256BS

Tgt Ion:164 Resp: 187813
Ion Ratio Lower Upper
164 100
162 99.1 79.0 118.6
160 44.9 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.889 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:216 Resp: 208796
Ion Ratio Lower Upper
216 100
214 79.4 62.8 94.2
179 22.6 17.7 26.5
108 22.1 15.5 23.3

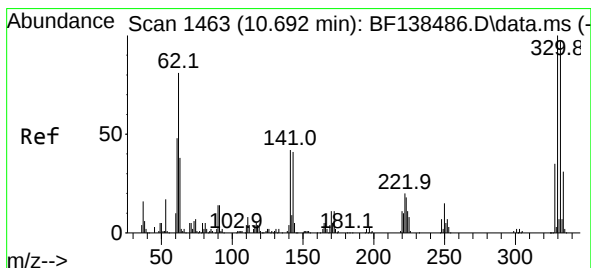
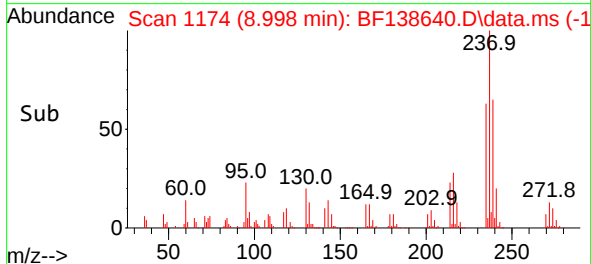
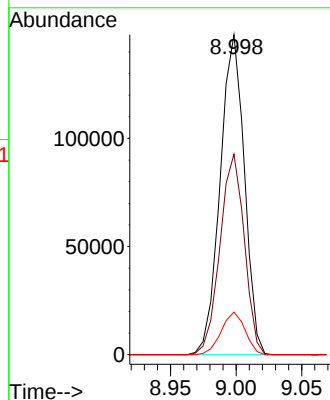
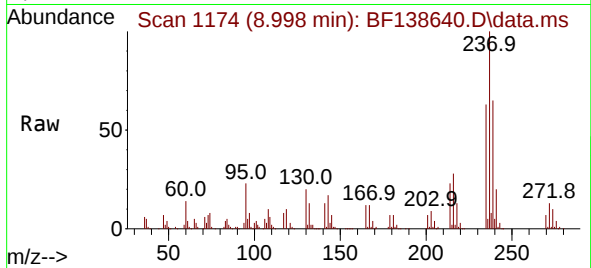




#41
Hexachlorocyclopentadiene
Concen: 111.682 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

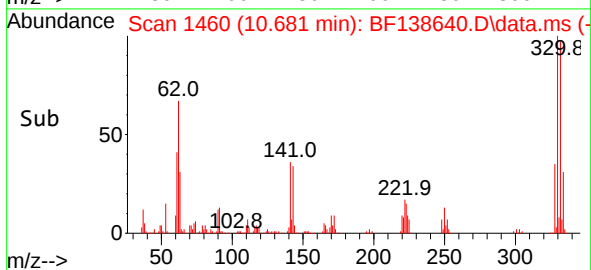
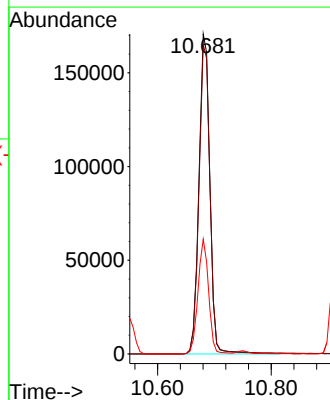
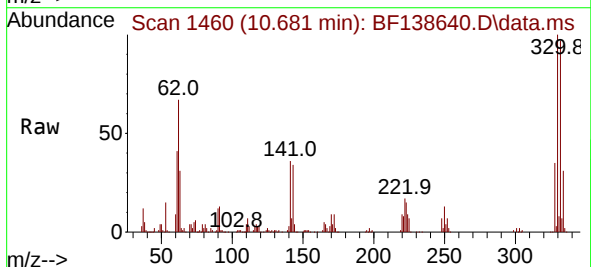
Instrument :
BNA_F
ClientSampleId :
PB162256BS

Tgt Ion:237 Resp: 189749
Ion Ratio Lower Upper
237 100
235 62.7 43.3 83.3
272 13.3 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 130.823 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:330 Resp: 229634
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 34.7 29.4 44.2

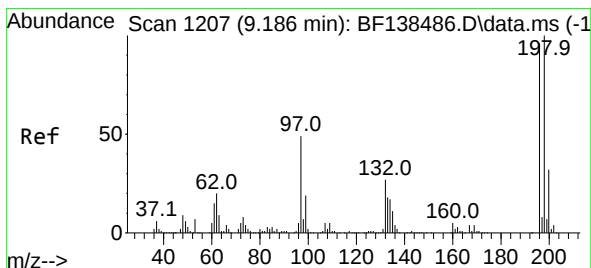
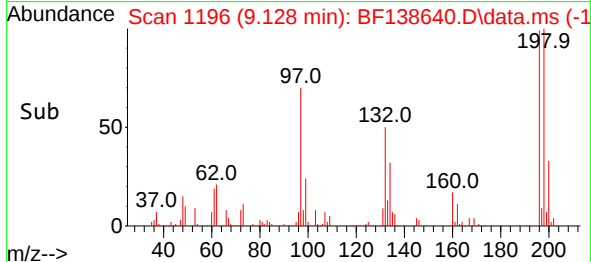
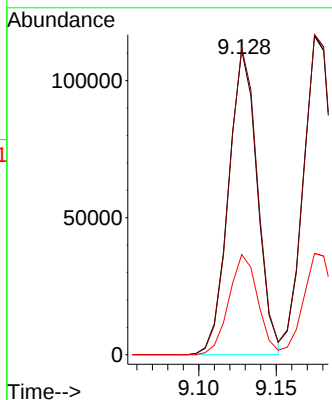
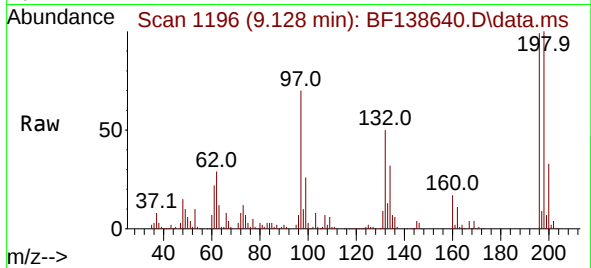




#43
2,4,6-Trichlorophenol
Concen: 42.893 ng
RT: 9.128 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

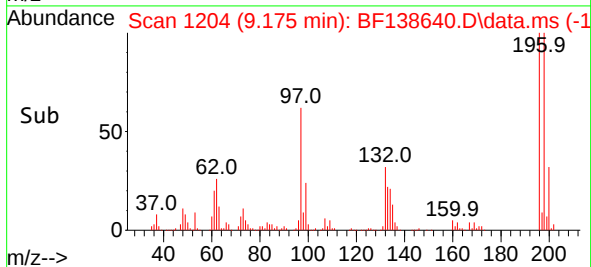
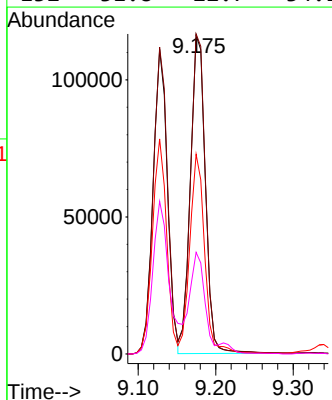
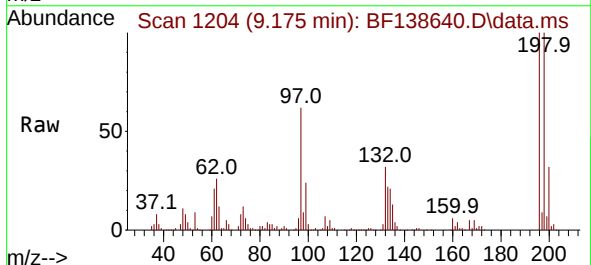
Instrument :
BNA_F
ClientSampleId :
PB162256BS

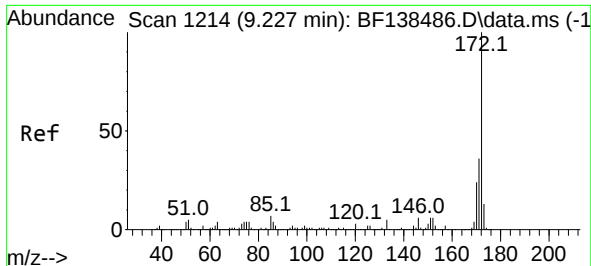
Tgt Ion:196 Resp: 143219
Ion Ratio Lower Upper
196 100
198 100.7 82.3 123.5
200 32.9 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 42.537 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:196 Resp: 156215
Ion Ratio Lower Upper
196 100
198 100.3 82.8 124.2
97 62.6 41.0 61.4#
132 31.8 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 82.679 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

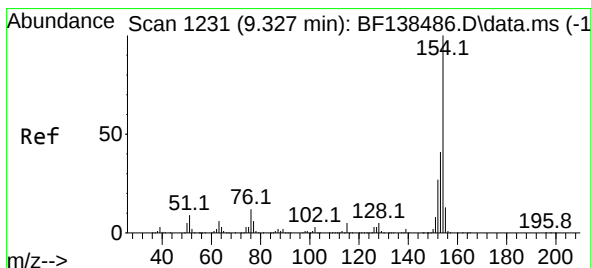
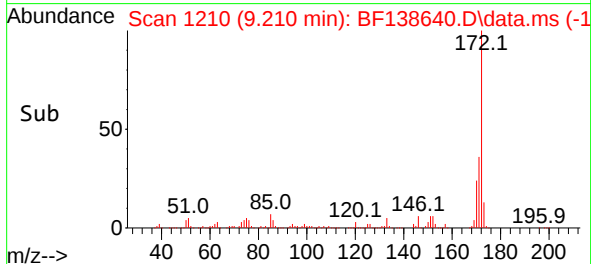
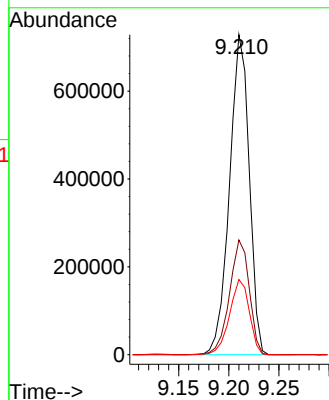
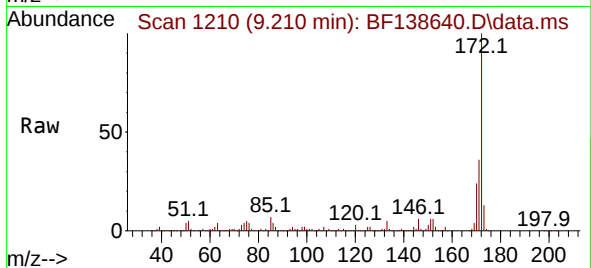
Tgt Ion:172 Resp: 993548

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 41.664 ng

RT: 9.310 min Scan# 1227

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

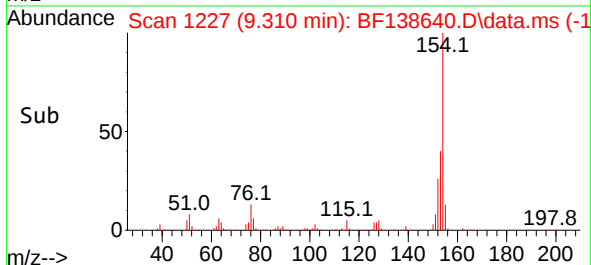
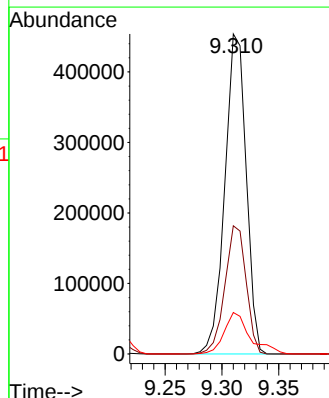
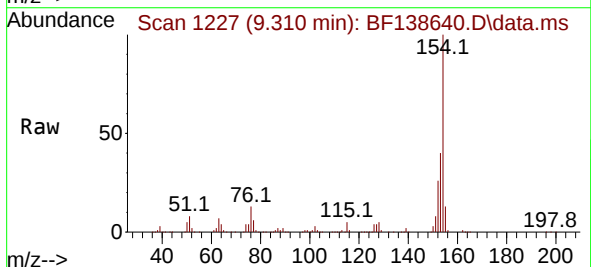
Tgt Ion:154 Resp: 593021

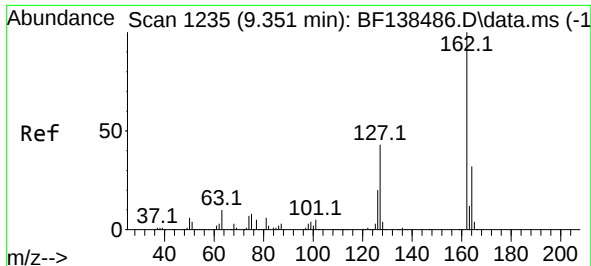
Ion Ratio Lower Upper

154 100

153 40.1 20.7 60.7

76 12.9 0.0 32.2

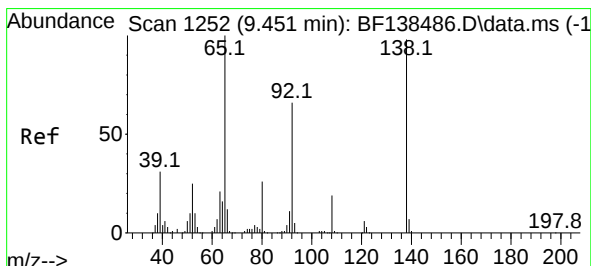
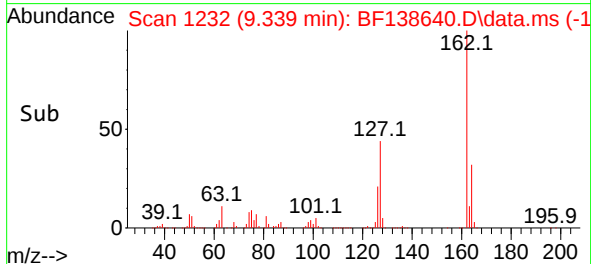
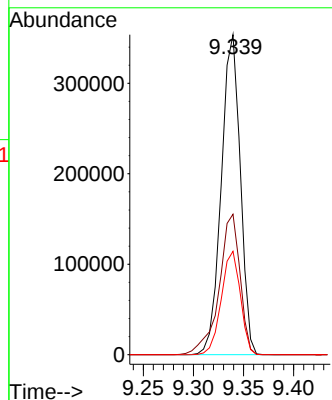
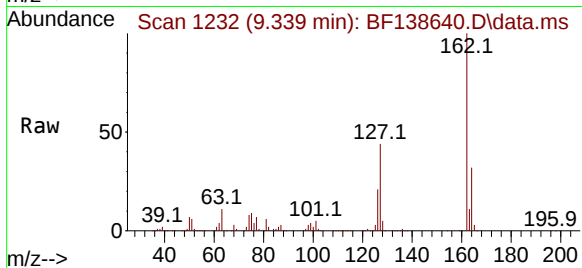




#47
2-Chloronaphthalene
Concen: 43.354 ng
RT: 9.339 min Scan# 1232
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

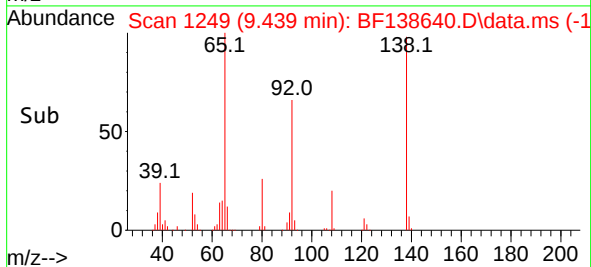
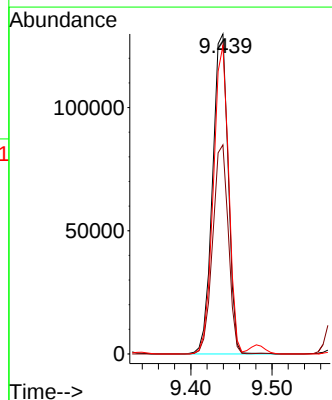
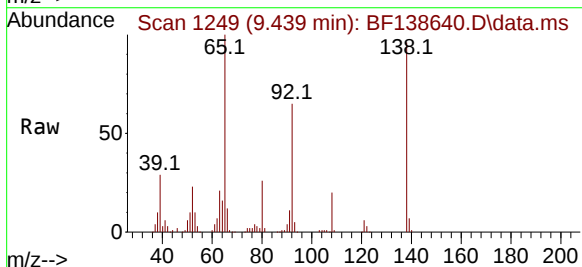
Instrument :
BNA_F
ClientSampleId :
PB162256BS

Tgt Ion:162 Resp: 466170
Ion Ratio Lower Upper
162 100
127 43.9 34.8 52.2
164 32.3 25.6 38.4



#48
2-Nitroaniline
Concen: 46.804 ng
RT: 9.439 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

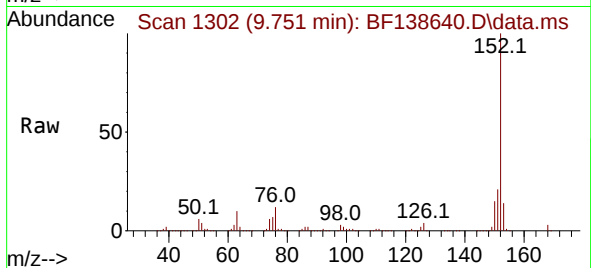
Tgt Ion: 65 Resp: 174398
Ion Ratio Lower Upper
65 100
92 65.4 52.6 78.8
138 96.4 78.6 118.0



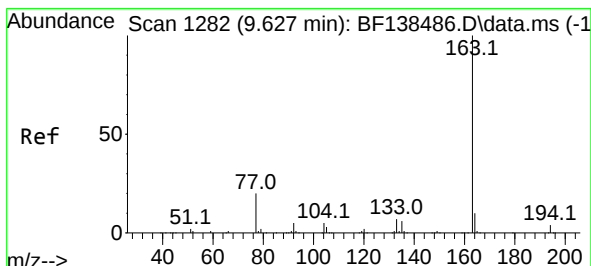
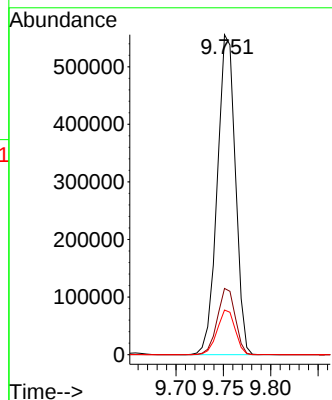
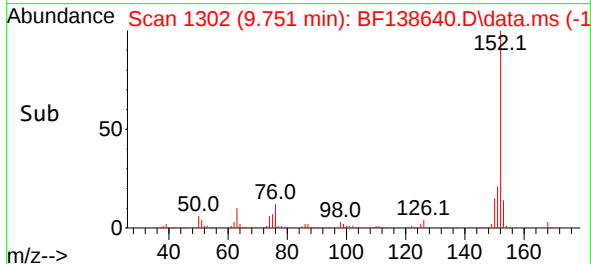


#49
Acenaphthylene
Concen: 48.548 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

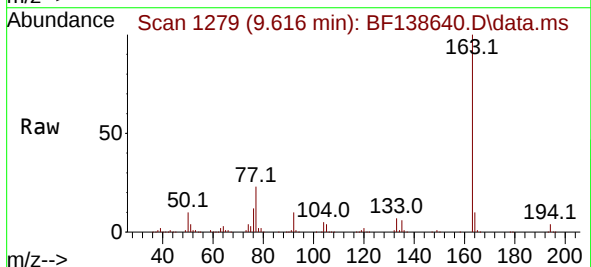
Instrument :
BNA_F
ClientSampleId :
PB162256BS



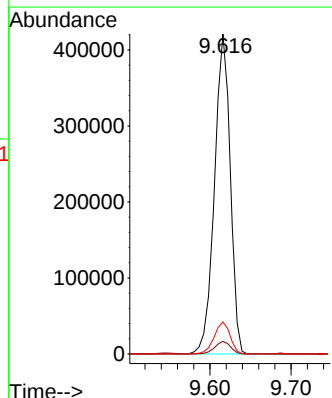
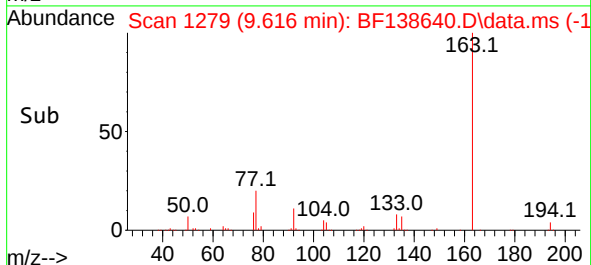
Tgt Ion:152 Resp: 741143
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.0 11.3 16.9

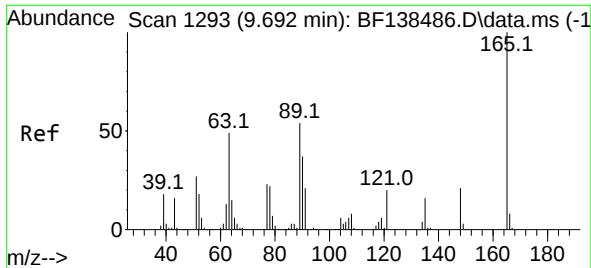


#50
Dimethylphthalate
Concen: 46.855 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:163 Resp: 569026
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.0 8.1 12.1

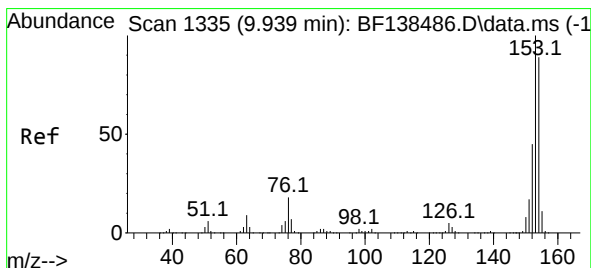
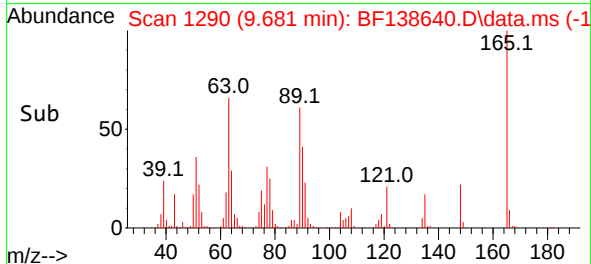
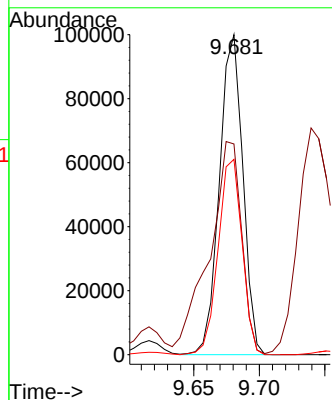
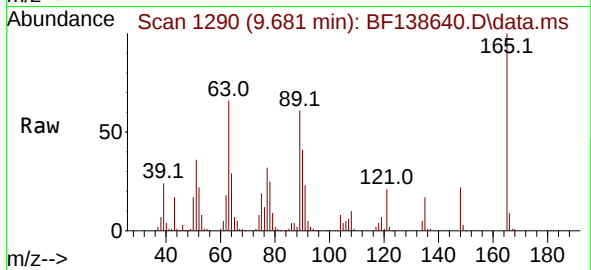




#51
2,6-Dinitrotoluene
Concen: 44.391 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

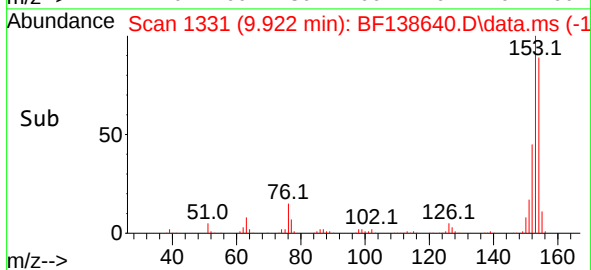
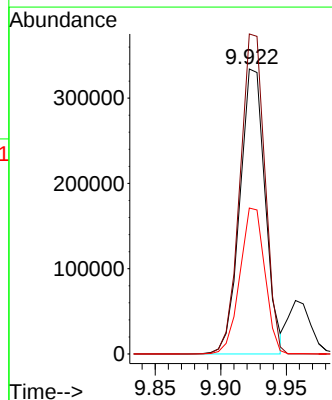
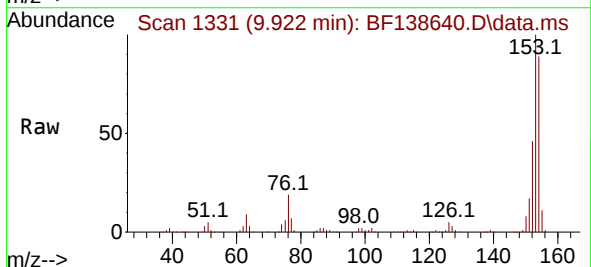
Instrument :
BNA_F
ClientSampleId :
PB162256BS

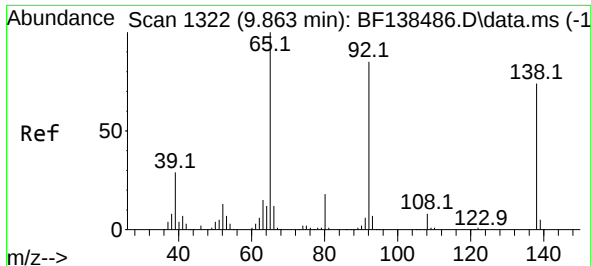
Tgt Ion:165 Resp: 124127
Ion Ratio Lower Upper
165 100
63 65.9 48.1 72.1
89 61.0 43.0 64.6



#52
Acenaphthene
Concen: 44.325 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:154 Resp: 449800
Ion Ratio Lower Upper
154 100
153 112.3 90.4 135.6
152 51.2 41.1 61.7

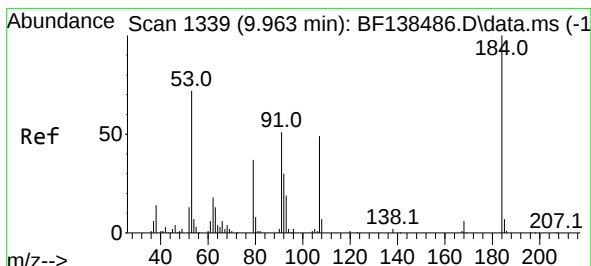
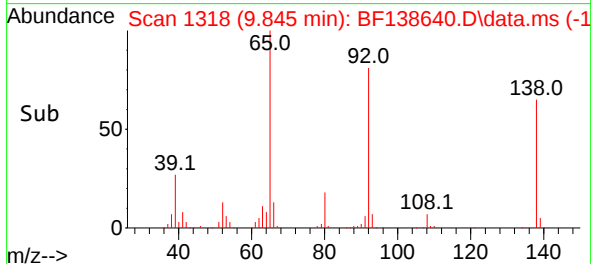
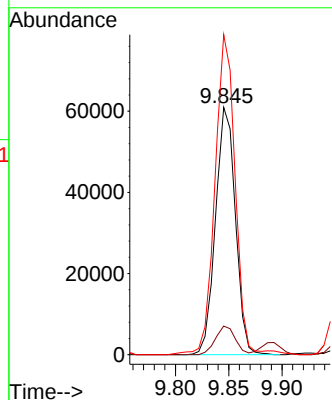
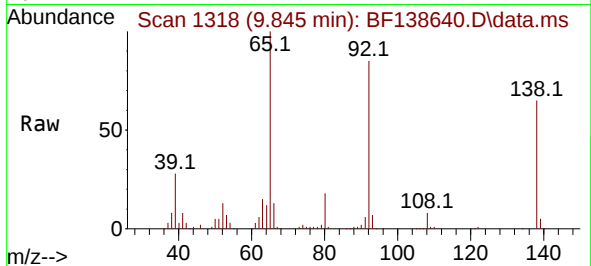




#53
3-Nitroaniline
Concen: 27.565 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

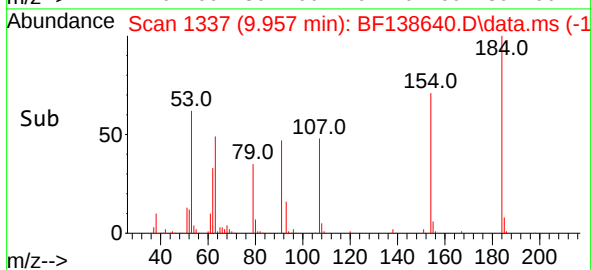
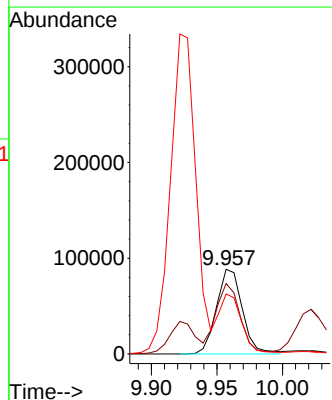
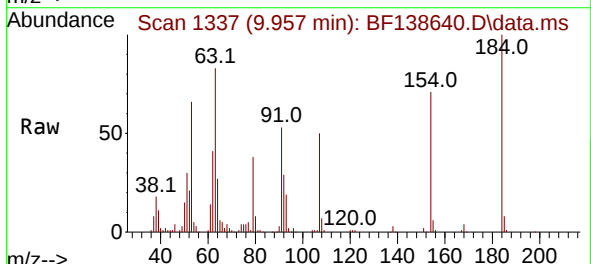
Instrument :
BNA_F
ClientSampleId :
PB162256BS

Tgt Ion:138 Resp: 78999
Ion Ratio Lower Upper
138 100
108 11.6 8.3 12.5
92 129.4 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 80.886 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:184 Resp: 121467
Ion Ratio Lower Upper
184 100
63 83.1 70.6 106.0
154 70.9 53.8 80.6

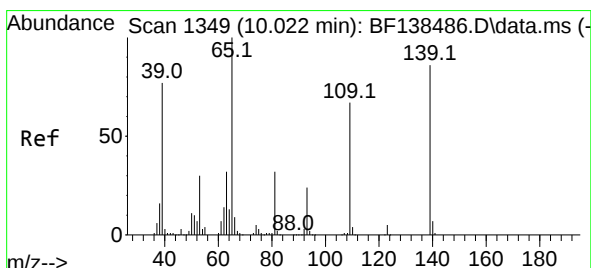
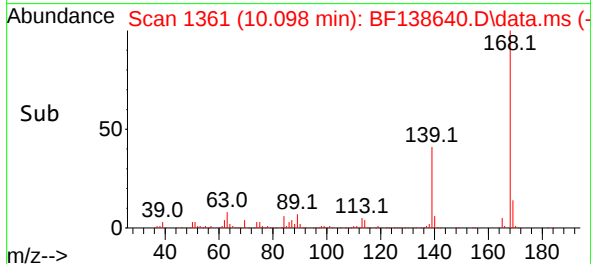
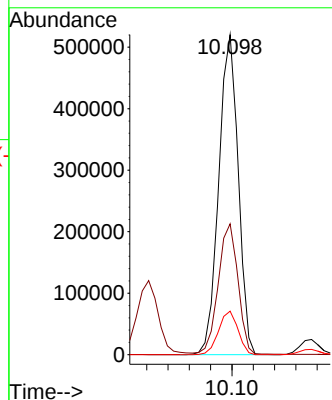
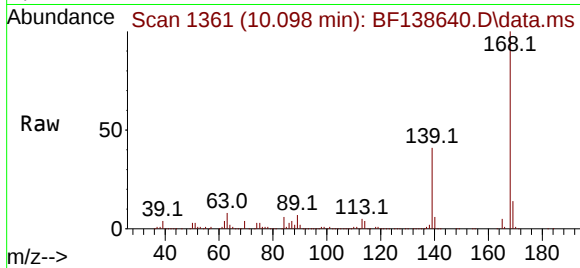




#55
Dibenzenofuran
Concen: 44.684 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

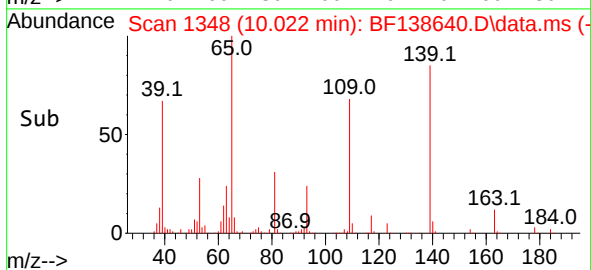
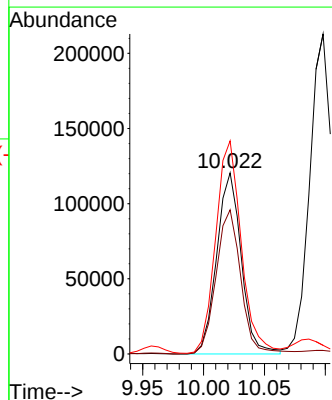
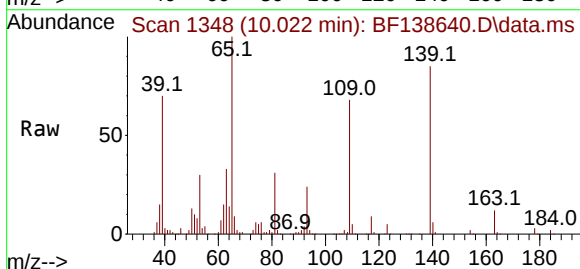
Instrument :
BNA_F
ClientSampleId :
PB162256BS

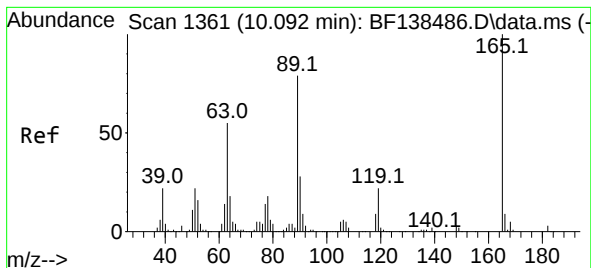
Tgt Ion:168 Resp: 657710
Ion Ratio Lower Upper
168 100
139 40.9 32.4 48.6
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 80.013 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:139 Resp: 169198
Ion Ratio Lower Upper
139 100
109 79.6 58.1 98.1
65 117.7 96.9 136.9

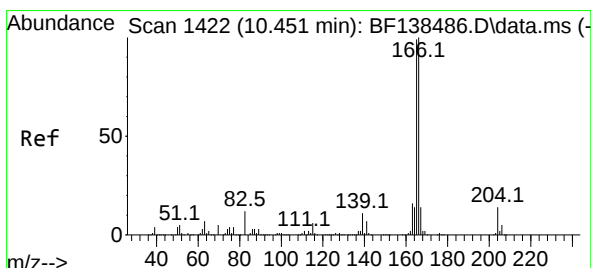
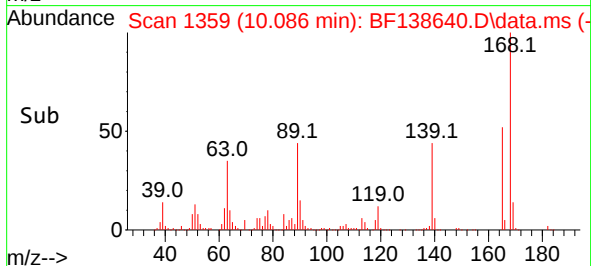
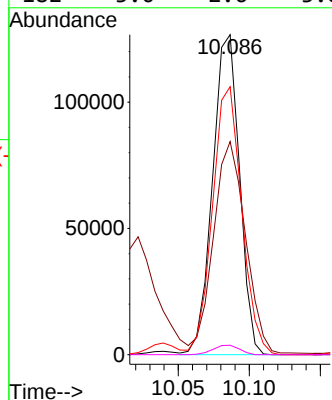
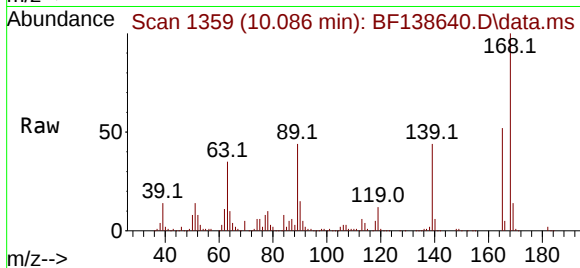




#57
2,4-Dinitrotoluene
Concen: 46.044 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

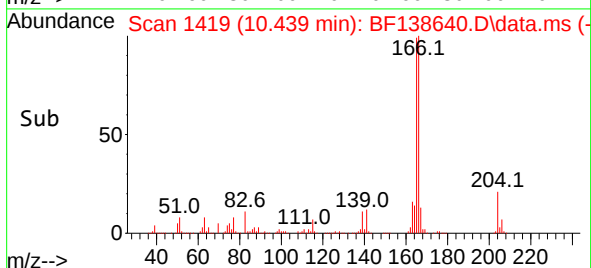
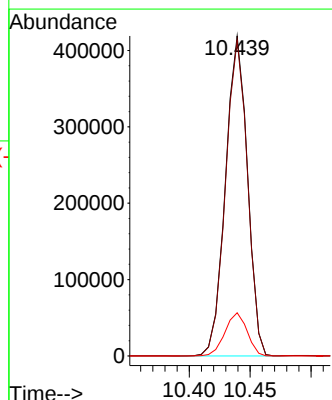
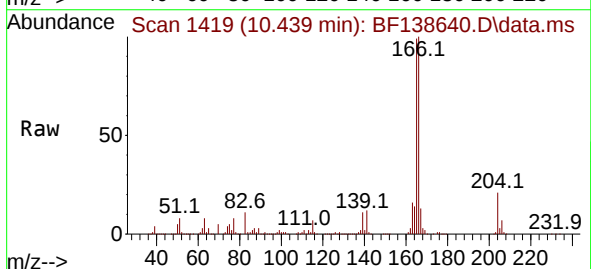
Instrument :
BNA_F
ClientSampleId :
PB162256BS

Tgt Ion:165 Resp: 166584
Ion Ratio Lower Upper
165 100
63 66.6 44.6 66.8
89 83.8 63.4 95.2
182 3.0 2.6 3.8



#58
Fluorene
Concen: 45.175 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

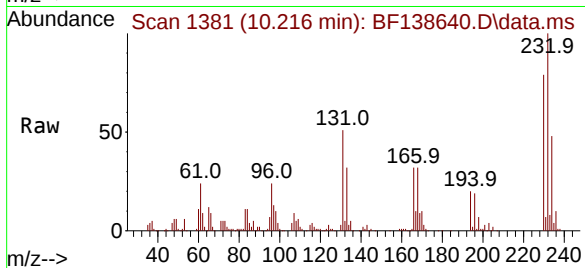
Tgt Ion:166 Resp: 526125
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 13.5 11.0 16.6



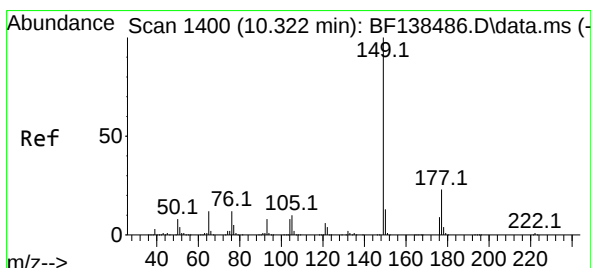
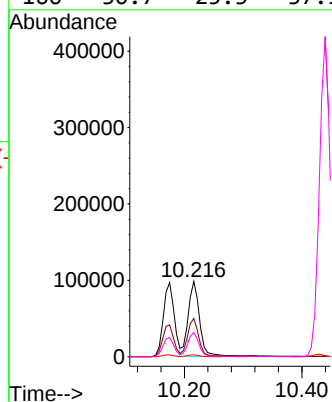
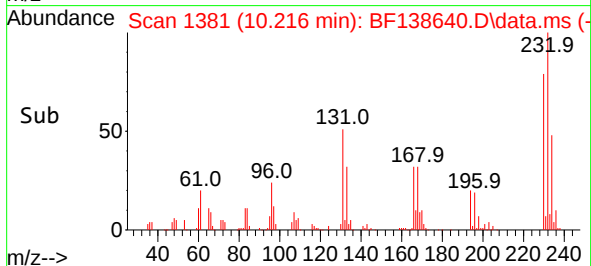


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.861 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

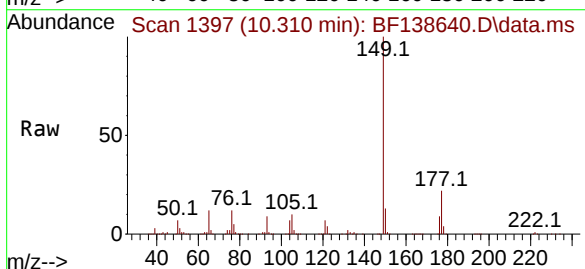
Instrument :
BNA_F
ClientSampleId :
PB162256BS



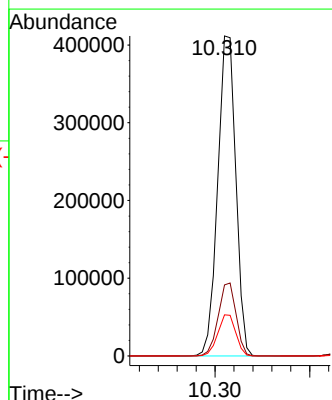
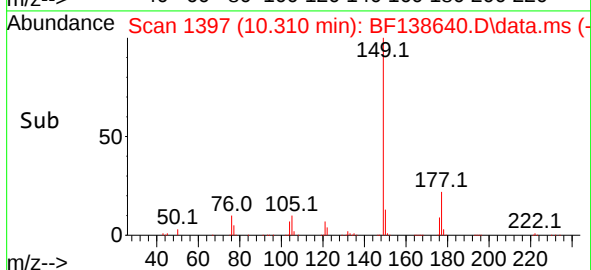
Tgt Ion:232 Resp: 132919
Ion Ratio Lower Upper
232 100
131 49.8 37.5 56.3
130 2.5 2.0 3.0
166 30.7 25.3 37.9

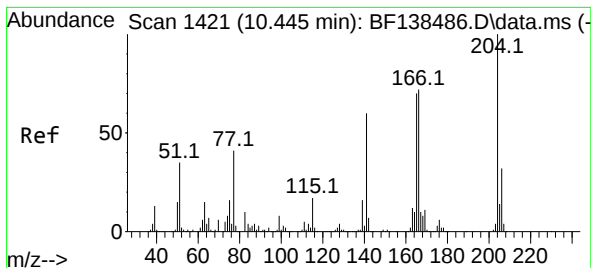


#60
Diethylphthalate
Concen: 46.694 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:149 Resp: 546671
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.8 10.3 15.5

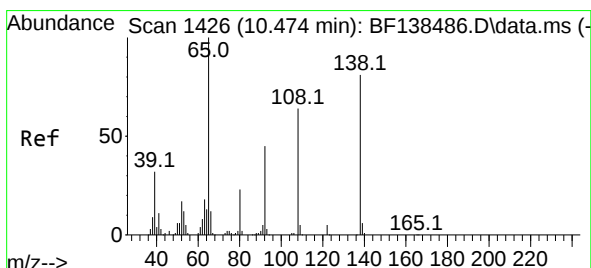
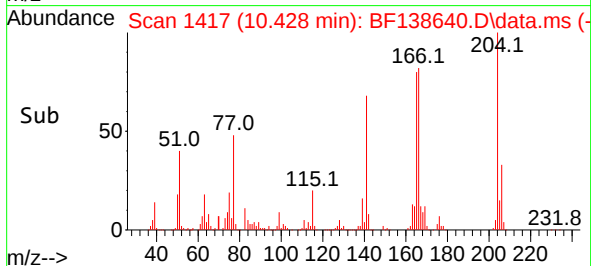
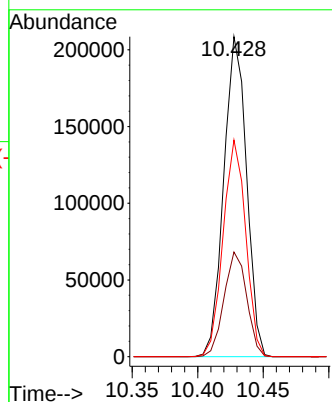
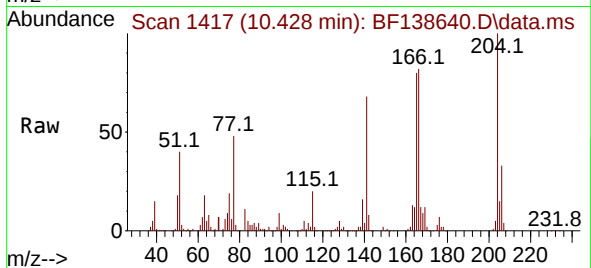




#61
4-Chlorophenyl-phenylether
Concen: 43.073 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

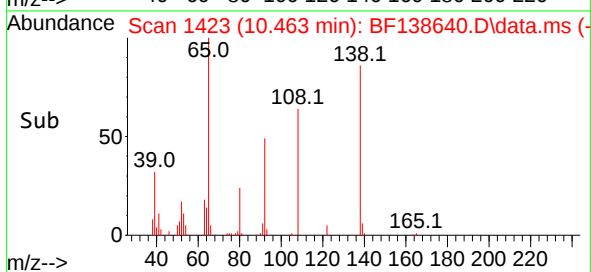
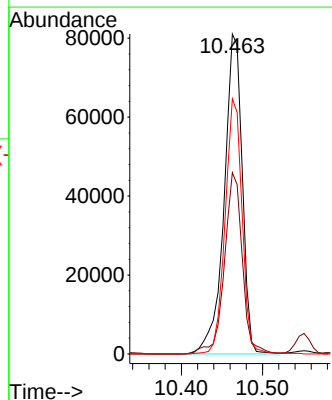
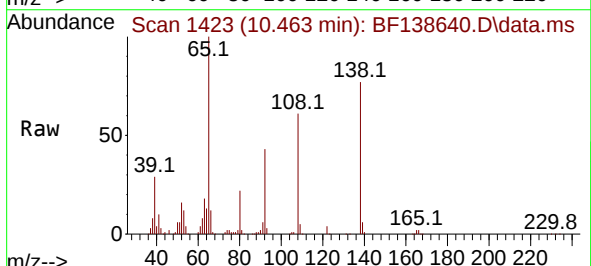
Instrument :
BNA_F
ClientSampleId :
PB162256BS

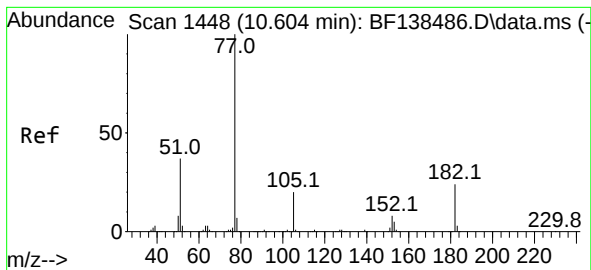
Tgt Ion:204 Resp: 251898
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 67.7 47.7 71.5



#62
4-Nitroaniline
Concen: 43.799 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:138 Resp: 125786
Ion Ratio Lower Upper
138 100
92 56.7 35.8 75.8
108 79.8 59.8 99.8

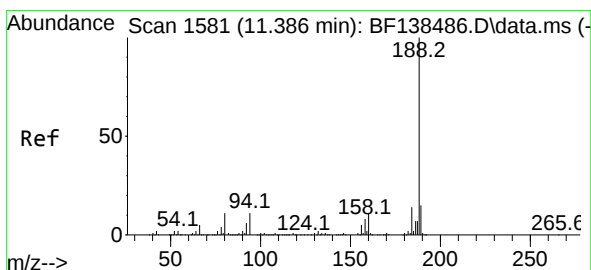
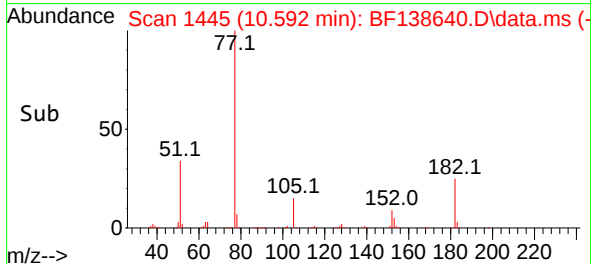
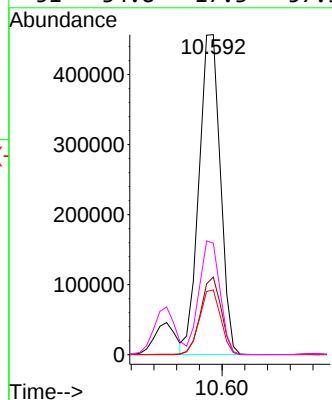
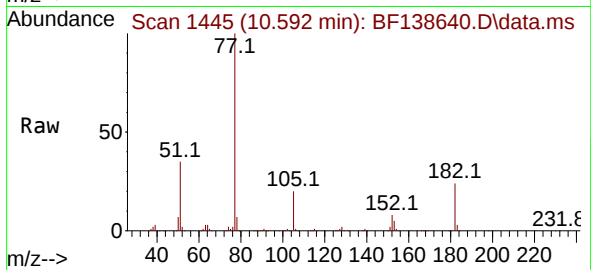




#63
Azobenzene
Concen: 47.493 ng
RT: 10.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

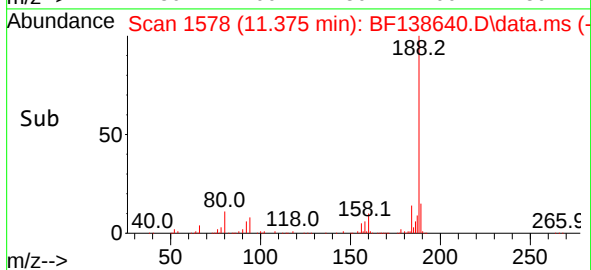
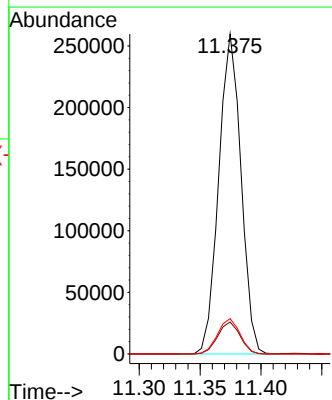
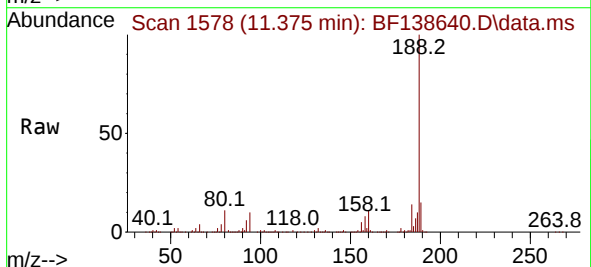
Instrument :
BNA_F
ClientSampleId :
PB162256BS

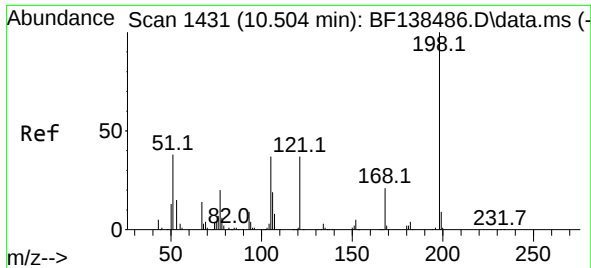
Tgt Ion: 77	Resp: 597806
Ion Ratio	Lower Upper
77 100	
182 24.3	3.8 43.8
105 20.3	0.0 39.8
51 34.8	17.3 57.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:188	Resp: 330524		
Ion Ratio	Lower	Upper	
188 100			
94 10.0	8.7	13.1	
80 11.1	9.0	13.4	

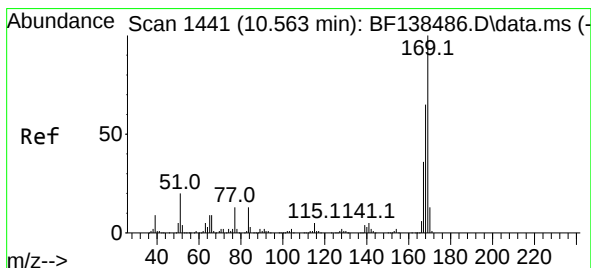
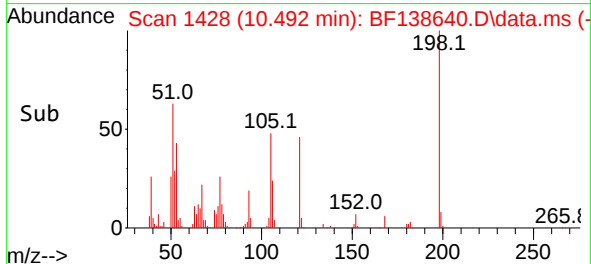
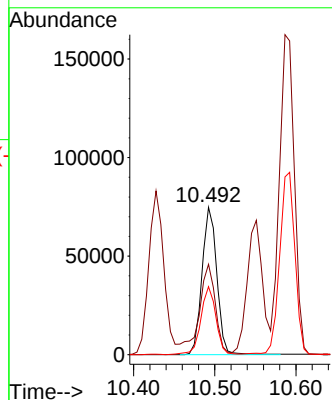
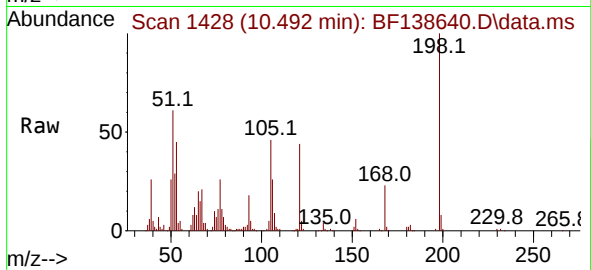




#65
4,6-Dinitro-2-methylphenol
Concen: 49.630 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

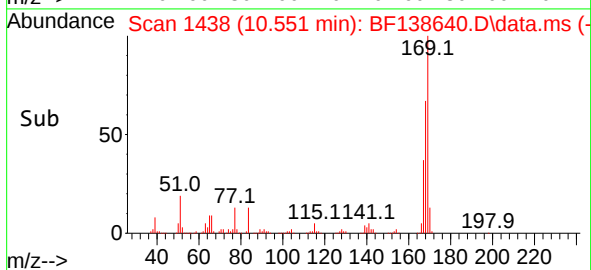
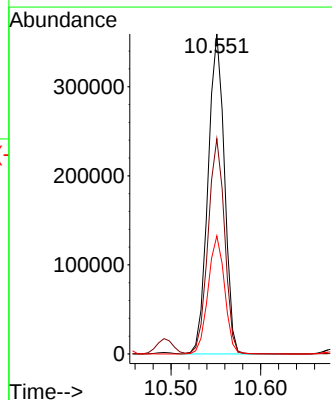
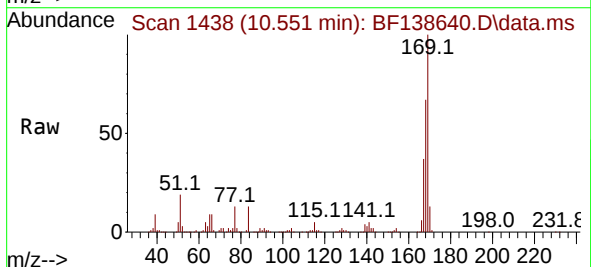
Instrument :
BNA_F
ClientSampleId :
PB162256BS

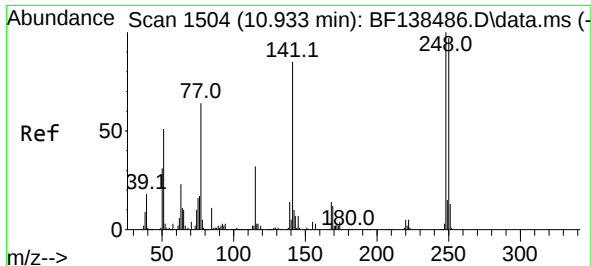
Tgt Ion:198 Resp: 94717
Ion Ratio Lower Upper
198 100
51 61.3 27.2 67.2
105 46.1 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 45.986 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:169 Resp: 455386
Ion Ratio Lower Upper
169 100
168 67.2 51.7 77.5
167 36.9 28.5 42.7

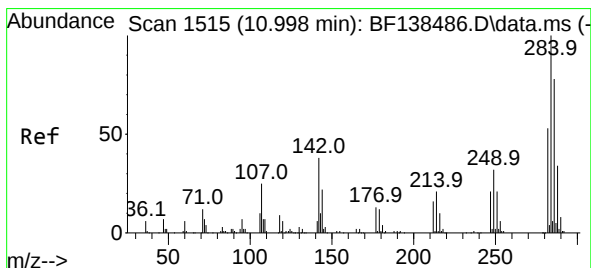
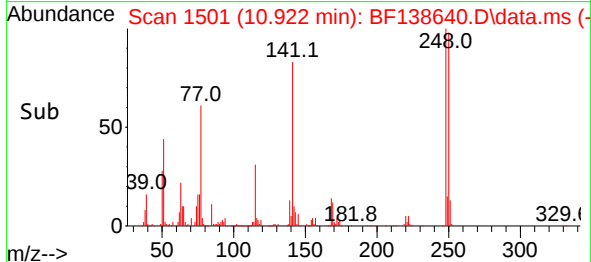
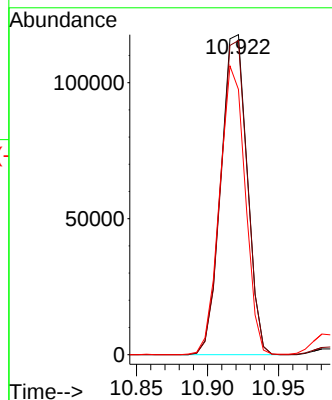
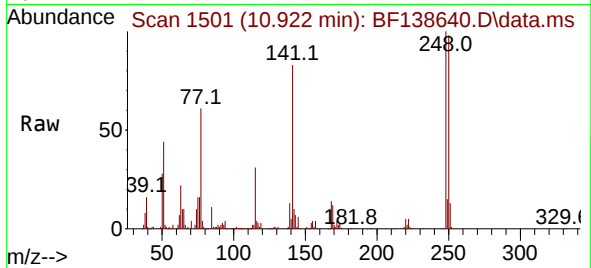




#67
4-Bromophenyl-phenylether
Concen: 44.585 ng
RT: 10.922 min Scan# 1510
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

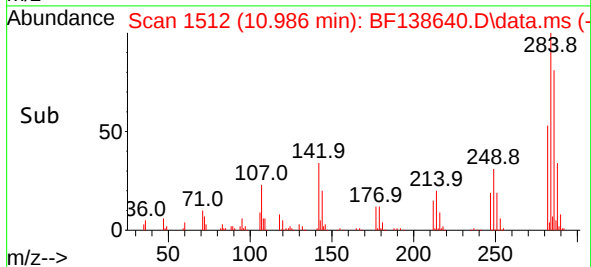
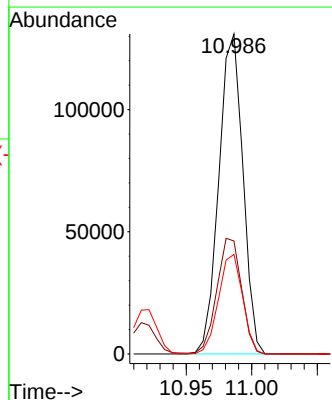
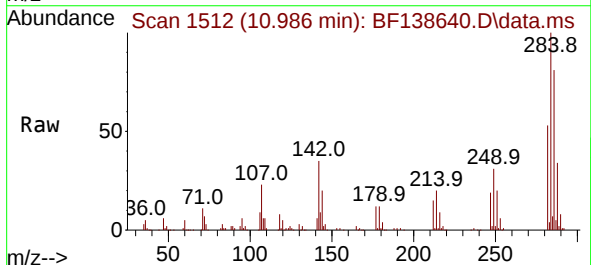
Instrument :
BNA_F
ClientSampleId :
PB162256BS

Tgt Ion:248 Resp: 151462
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 82.9 67.7 101.5



#68
Hexachlorobenzene
Concen: 44.233 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:284 Resp: 166936
Ion Ratio Lower Upper
284 100
142 35.3 30.5 45.7
249 31.1 25.9 38.9





#69

Atrazine

Concen: 43.684 ng

RT: 11.075 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

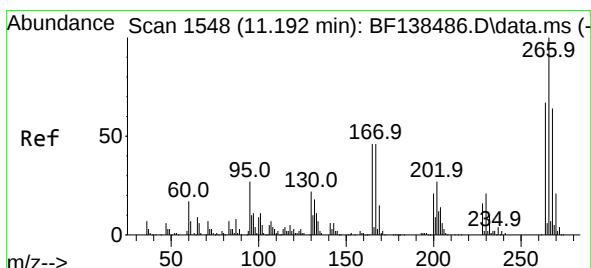
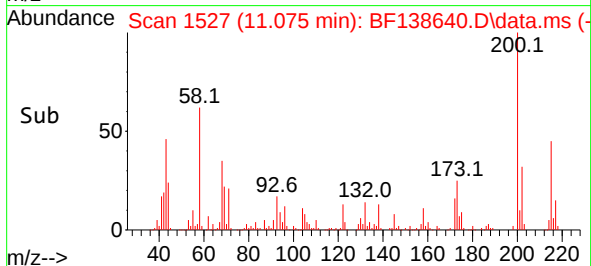
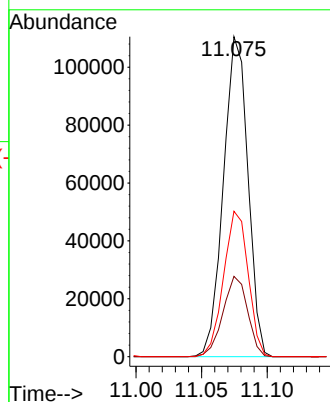
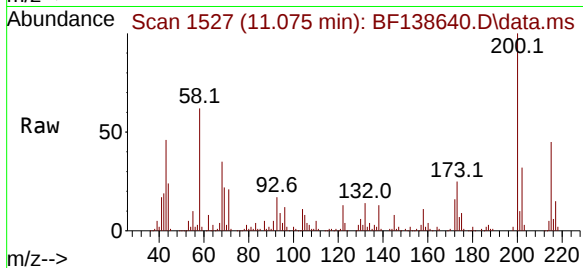
Tgt Ion:200 Resp: 143423

Ion Ratio Lower Upper

200 100

173 25.1 4.1 44.1

215 45.4 26.5 66.5



#70

Pentachlorophenol

Concen: 74.703 ng

RT: 11.180 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

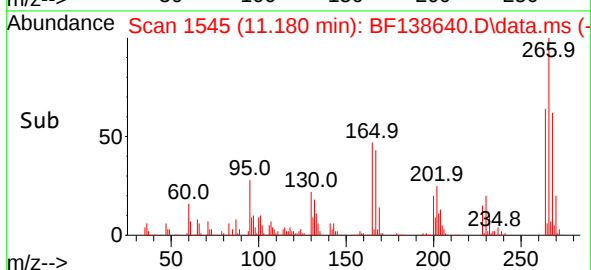
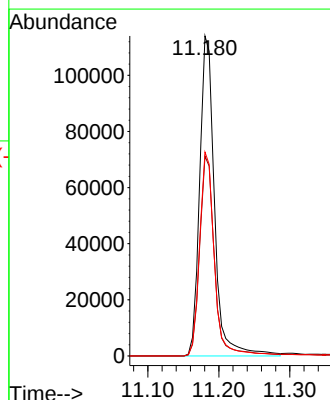
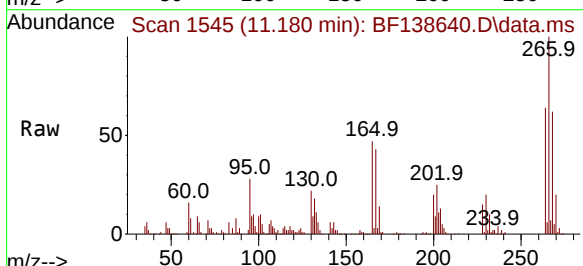
Tgt Ion:266 Resp: 166826

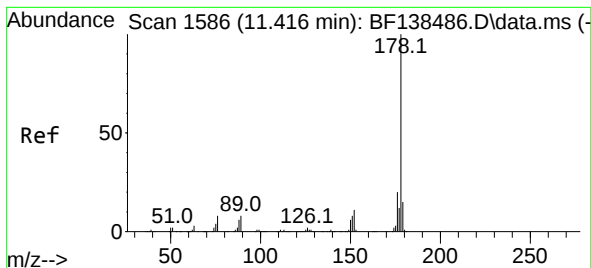
Ion Ratio Lower Upper

266 100

268 62.4 50.9 76.3

264 63.7 53.5 80.3





#71

Phenanthrene

Concen: 46.309 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

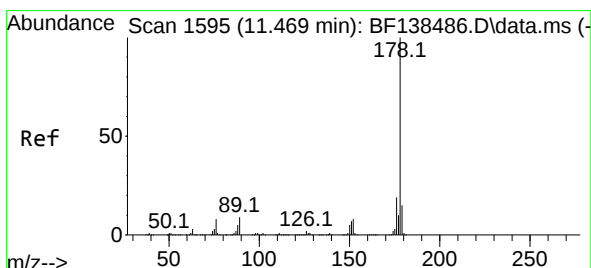
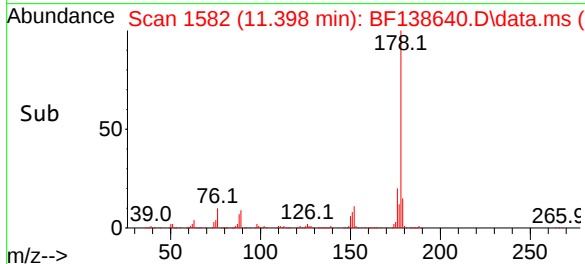
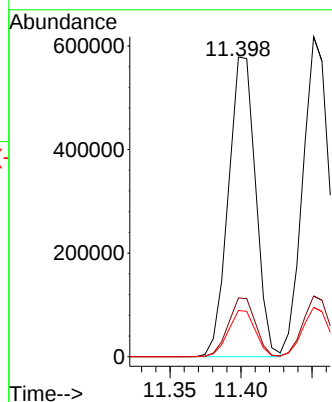
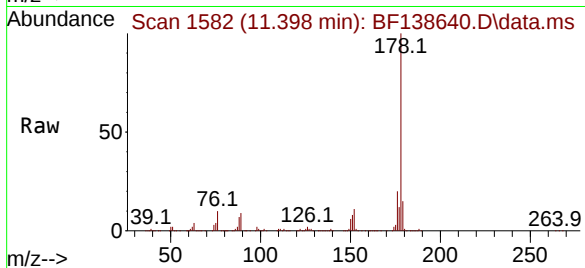
Tgt Ion:178 Resp: 773279

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.4 12.2 18.2



#72

Anthracene

Concen: 47.707 ng

RT: 11.451 min Scan# 1591

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

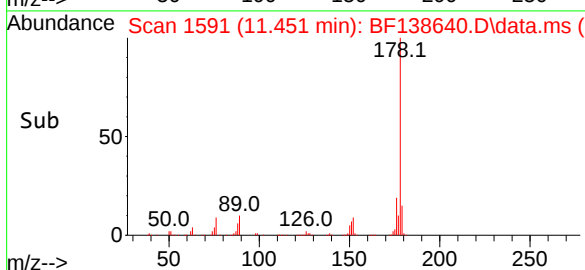
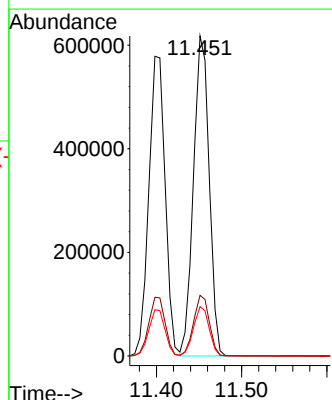
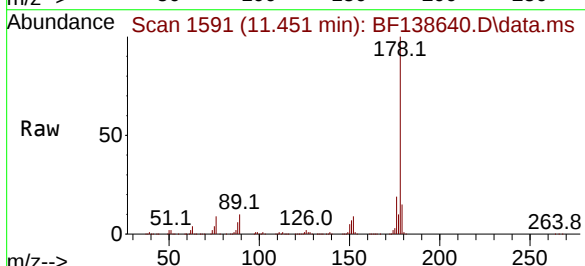
Tgt Ion:178 Resp: 790780

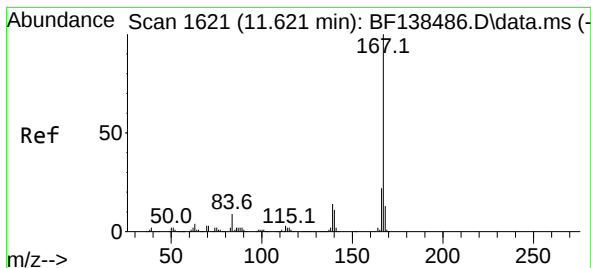
Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 15.4 12.2 18.4





#73

Carbazole

Concen: 44.731 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

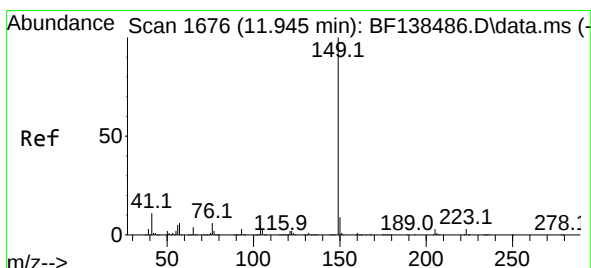
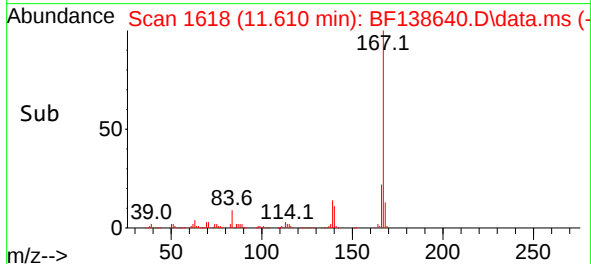
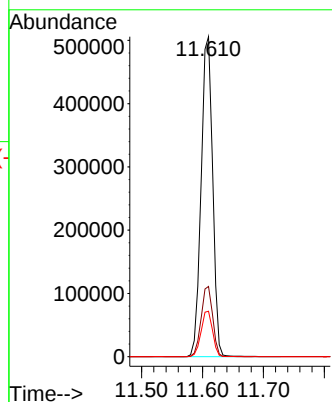
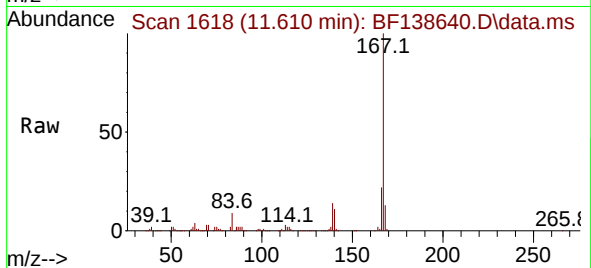
Tgt Ion:167 Resp: 666319

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

139 14.2 11.0 16.4



#74

Di-n-butylphthalate

Concen: 48.608 ng

RT: 11.933 min Scan# 1673

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

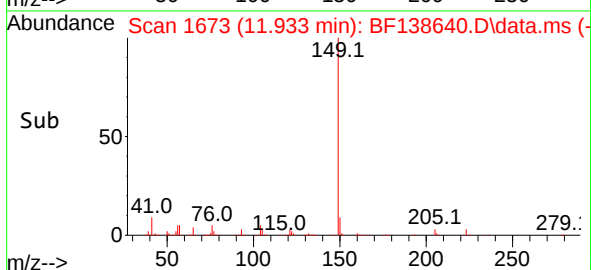
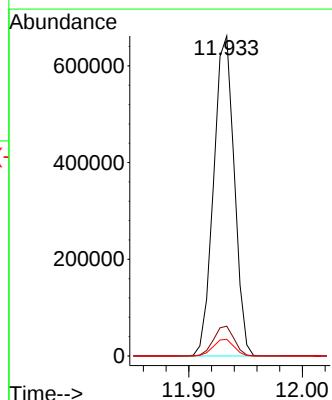
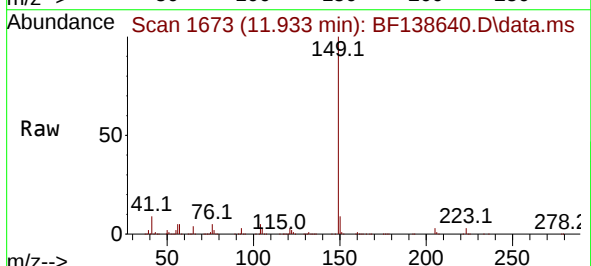
Tgt Ion:149 Resp: 834624

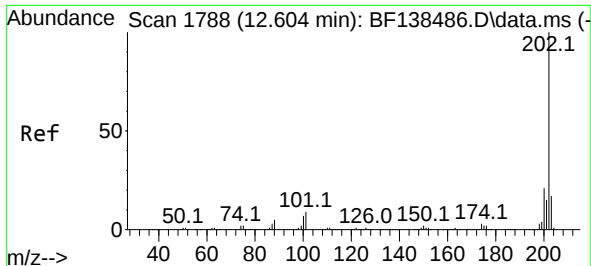
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.2 4.4 6.6

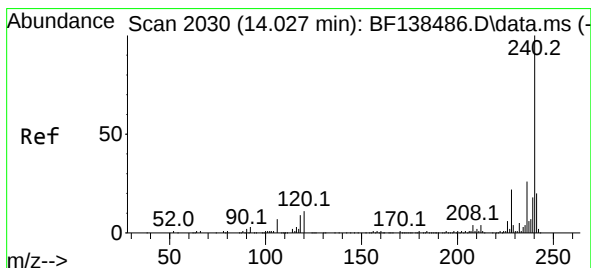
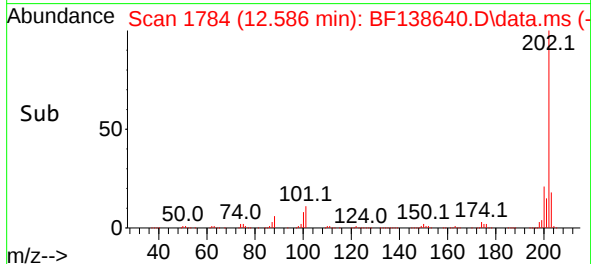
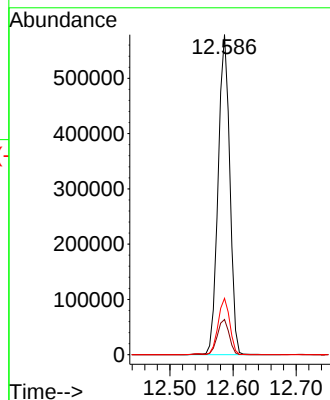
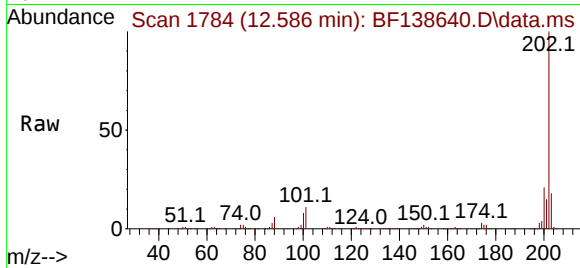




#75
Fluoranthene
Concen: 43.399 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

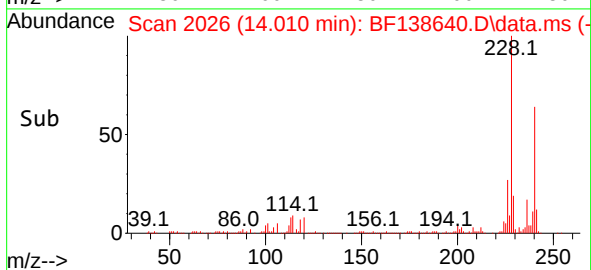
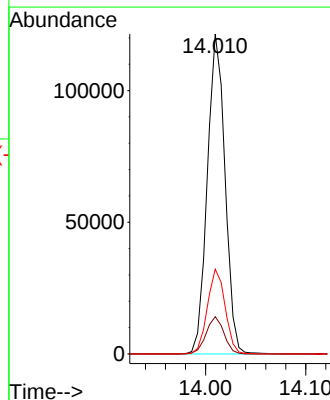
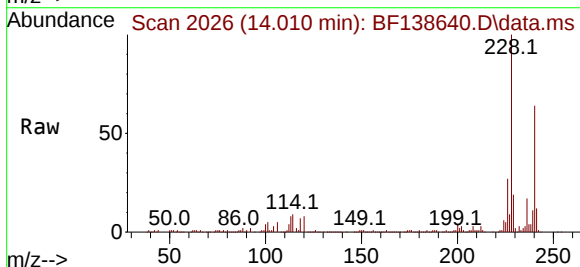
Instrument :
BNA_F
ClientSampleId :
PB162256BS

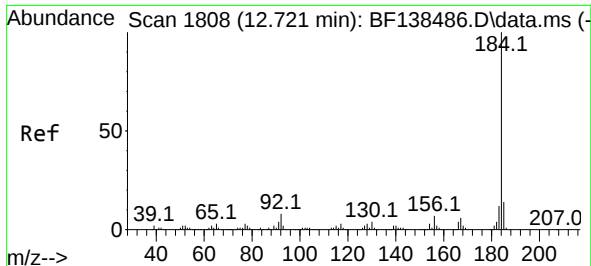
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.2
203	17.6	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.6	12.8
236	26.5	21.0	31.6

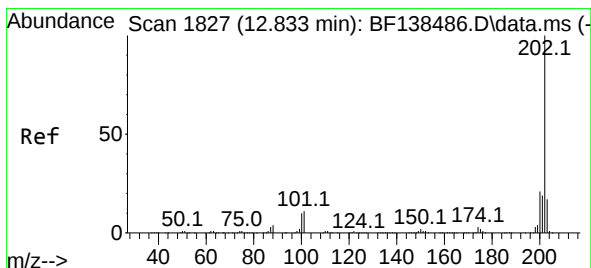
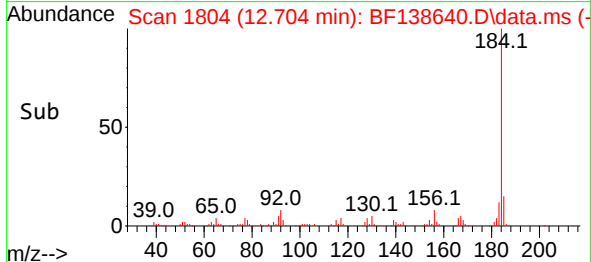
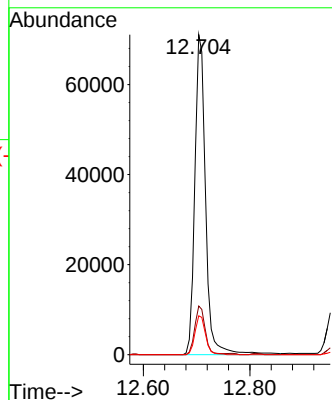
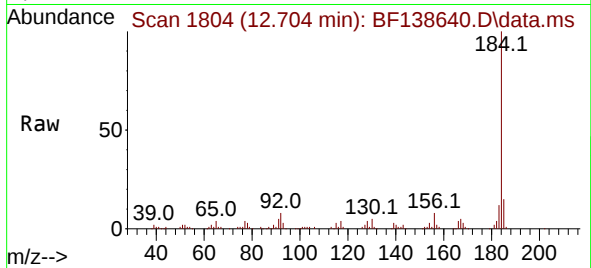




#77
Benzidine
Concen: 26.548 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

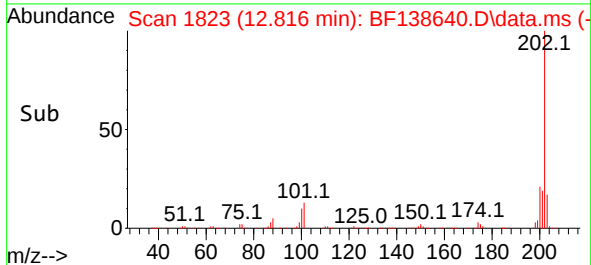
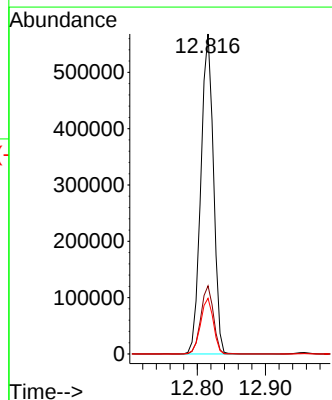
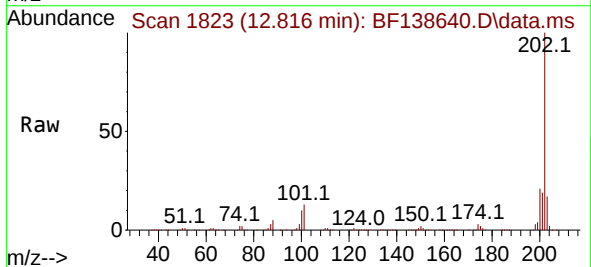
Instrument :
BNA_F
ClientSampleId :
PB162256BS

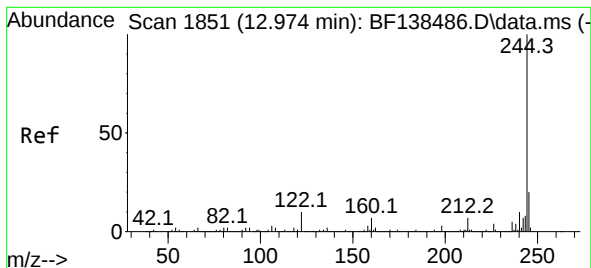
Tgt Ion:184 Resp: 100172
Ion Ratio Lower Upper
184 100
185 15.2 11.3 16.9
183 12.1 9.5 14.3



#78
Pyrene
Concen: 48.158 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:202 Resp: 731124
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.4 13.7 20.5





#79

Terphenyl-d14

Concen: 107.731 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

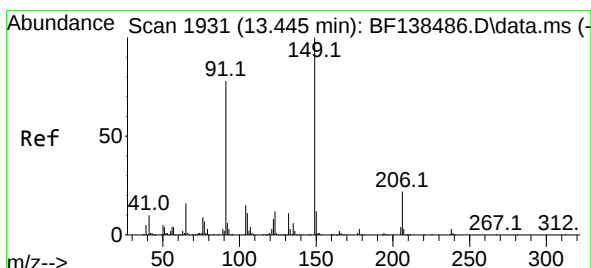
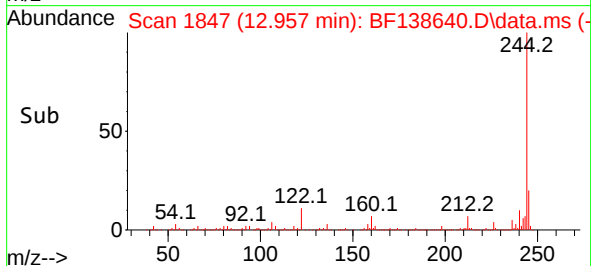
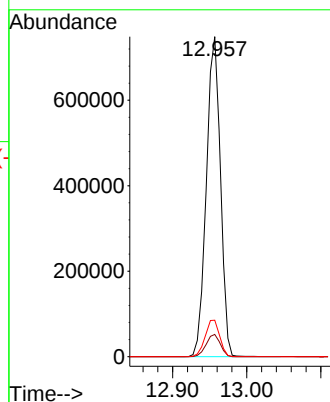
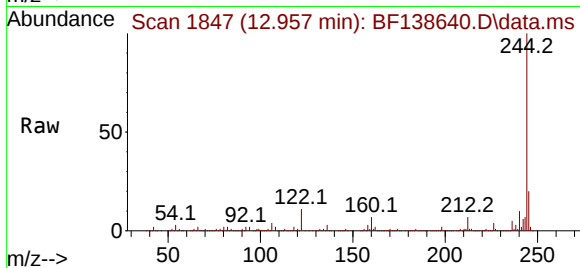
Tgt Ion:244 Resp: 988982

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.4 7.8 11.8



#80

Butylbenzylphthalate

Concen: 54.345 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

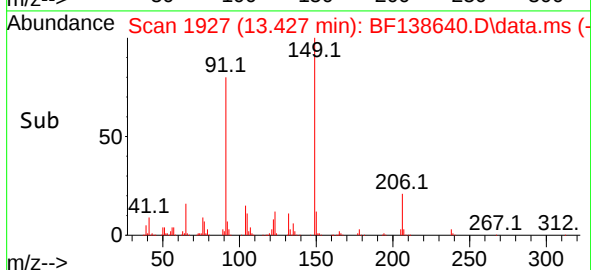
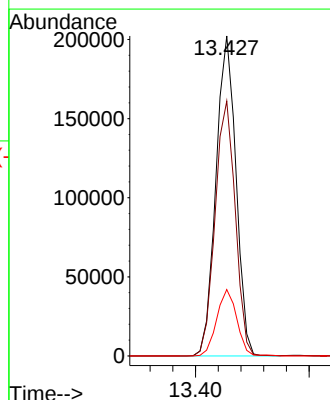
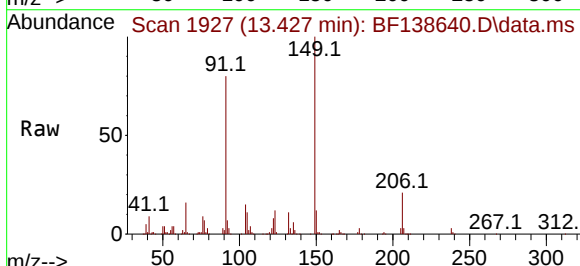
Tgt Ion:149 Resp: 248194

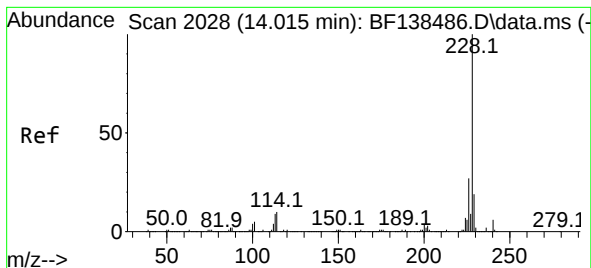
Ion Ratio Lower Upper

149 100

91 79.7 62.1 93.1

206 20.8 18.0 27.0





#81

Benzo(a)anthracene

Concen: 47.134 ng

RT: 13.998 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

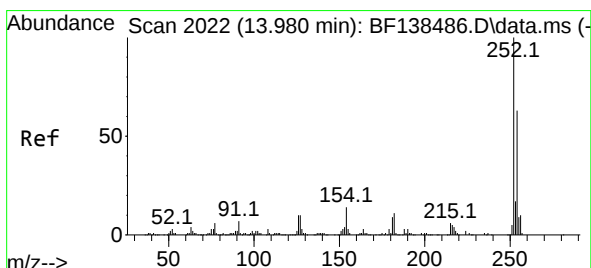
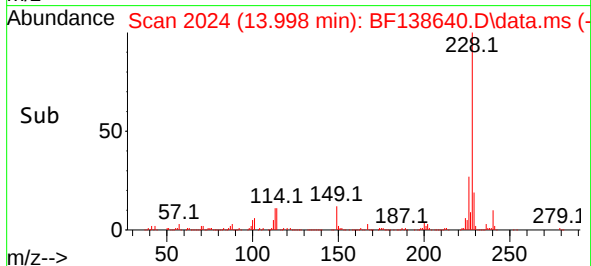
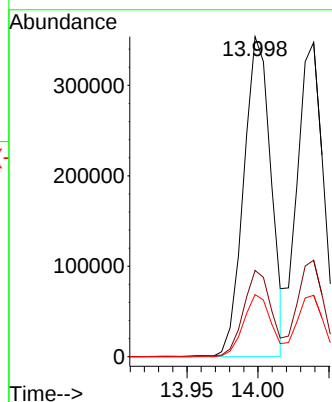
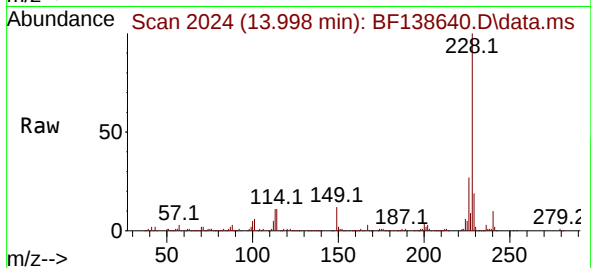
Tgt Ion:228 Resp: 472992

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

229 19.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 31.475 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

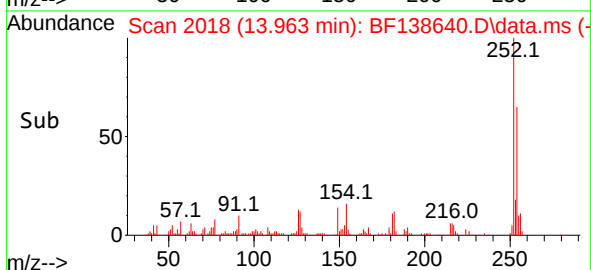
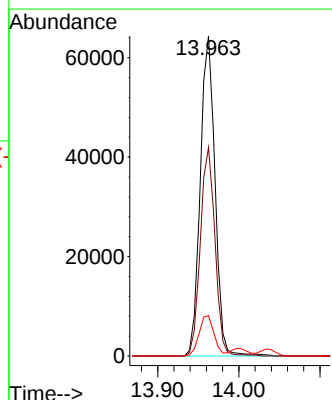
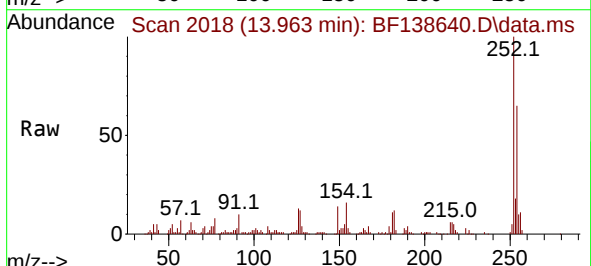
Tgt Ion:252 Resp: 81389

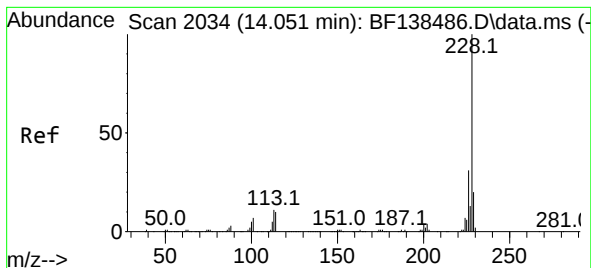
Ion Ratio Lower Upper

252 100

254 65.2 50.3 75.5

126 12.6 8.1 12.1#





#83

Chrysene

Concen: 47.164 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

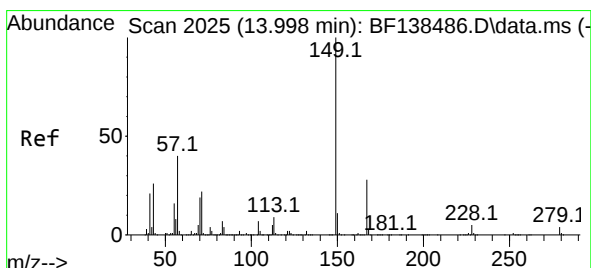
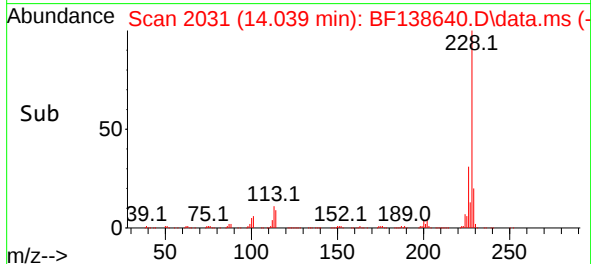
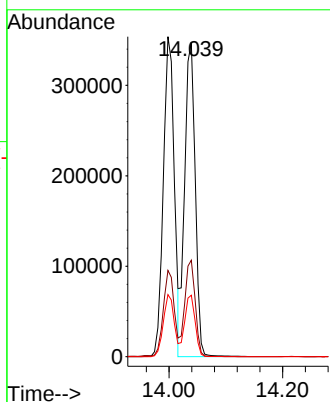
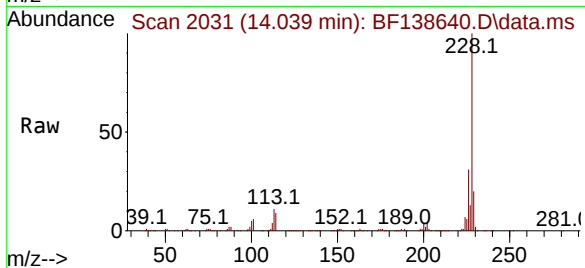
Tgt Ion:228 Resp: 447742

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.205 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

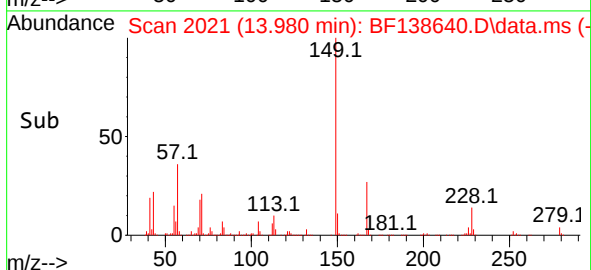
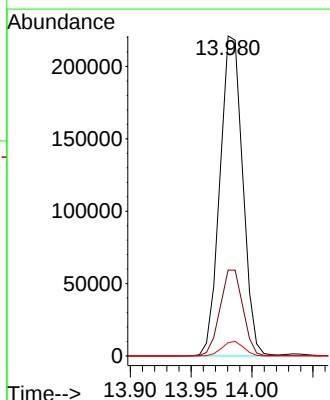
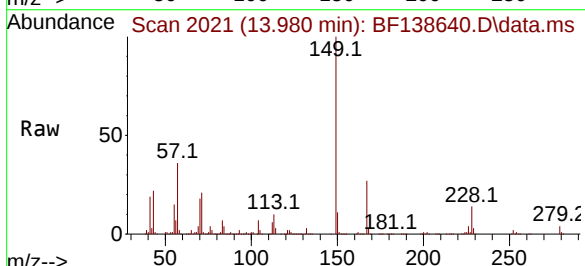
Tgt Ion:149 Resp: 288374

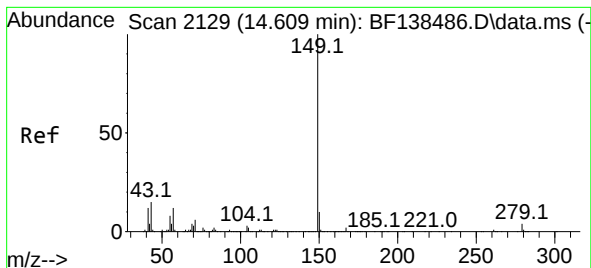
Ion Ratio Lower Upper

149 100

167 26.8 22.5 33.7

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 59.596 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

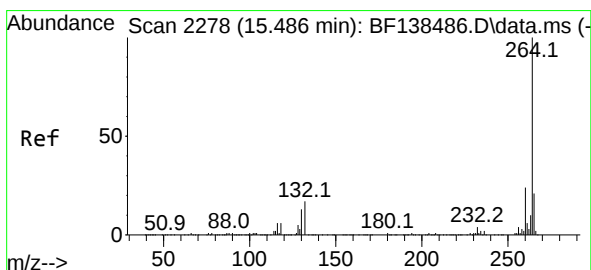
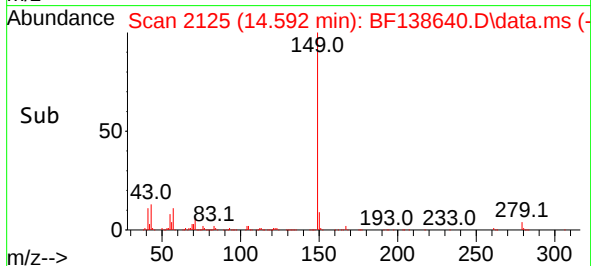
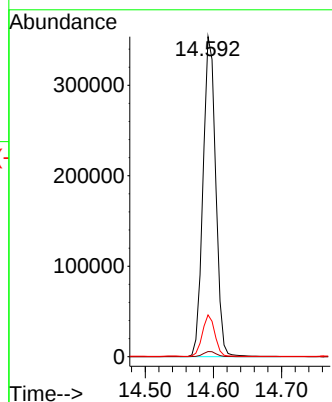
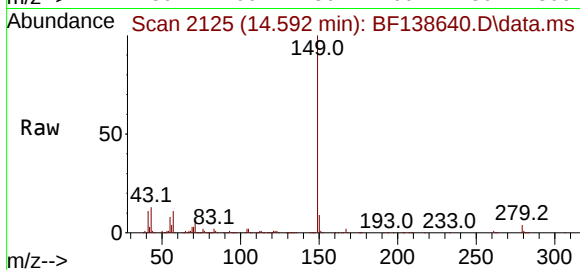
Tgt Ion:149 Resp: 458564

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.7 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

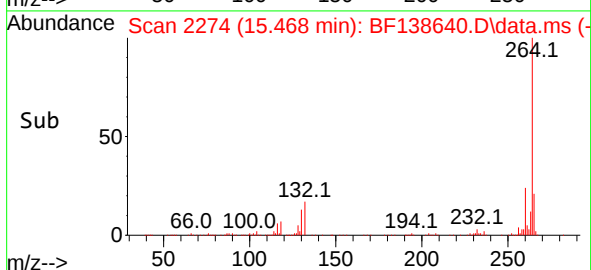
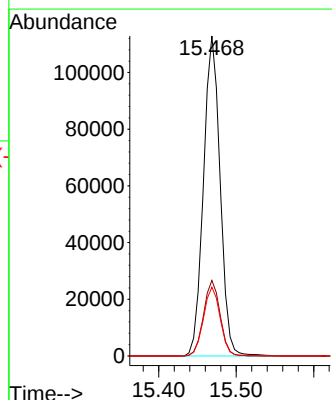
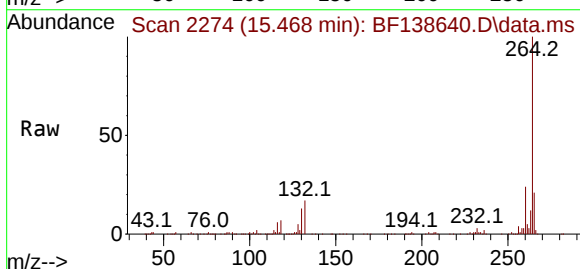
Tgt Ion:264 Resp: 168394

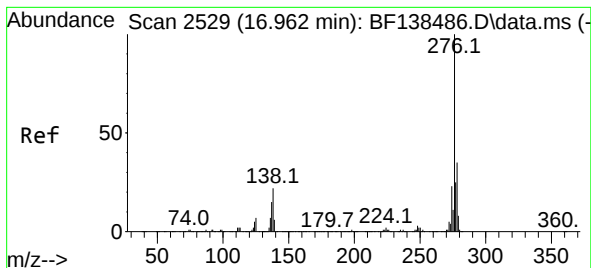
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.775 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

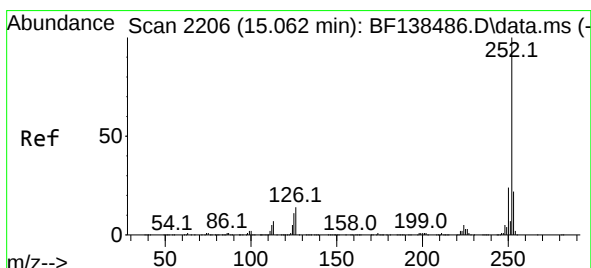
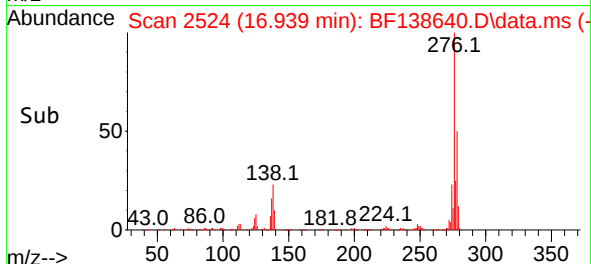
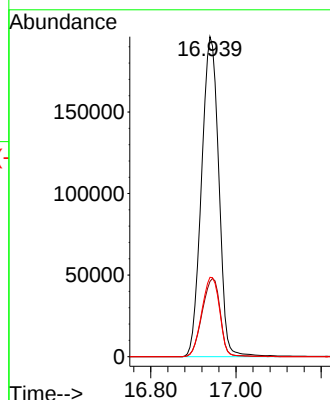
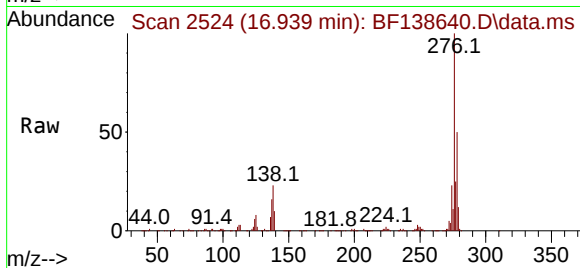
Tgt Ion:276 Resp: 551696

Ion Ratio Lower Upper

276 100

138 25.4 19.6 29.4

277 25.8 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 44.151 ng

RT: 15.045 min Scan# 2202

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

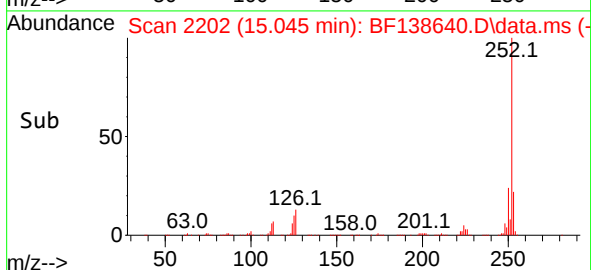
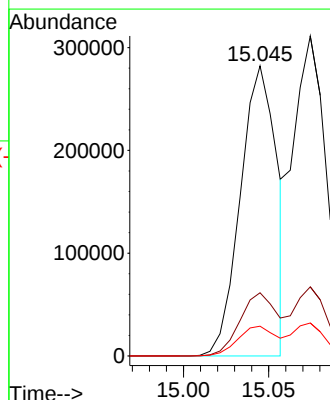
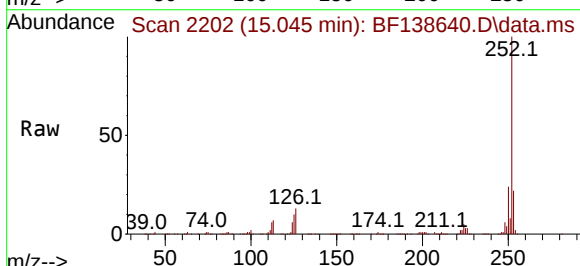
Tgt Ion:252 Resp: 418702

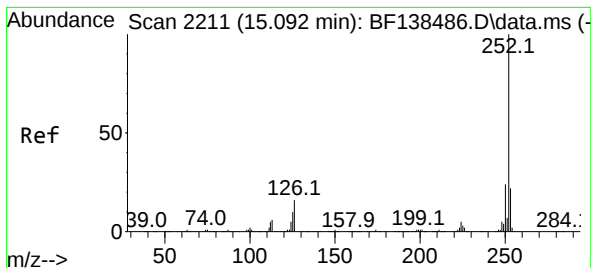
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.2 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 45.941 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

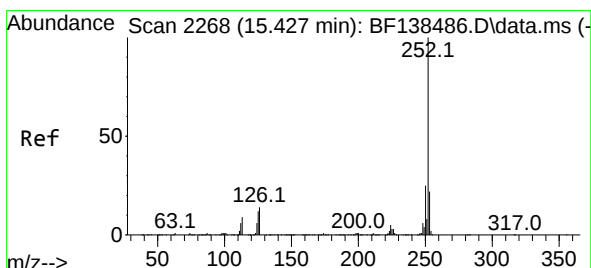
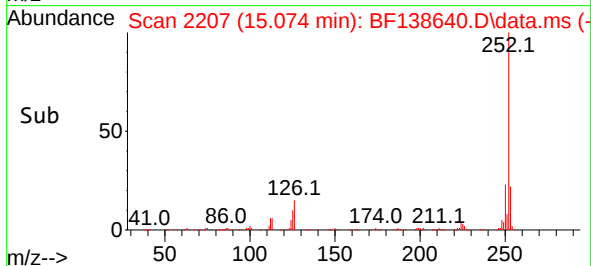
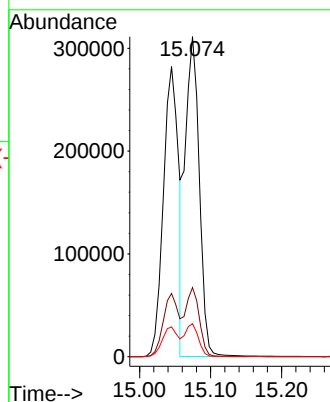
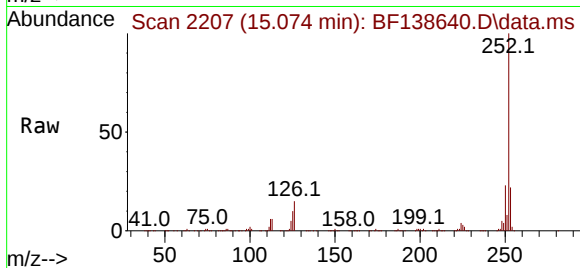
Tgt Ion:252 Resp: 424911

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 10.3 8.1 12.1



#90

Benzo(a)pyrene

Concen: 49.614 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

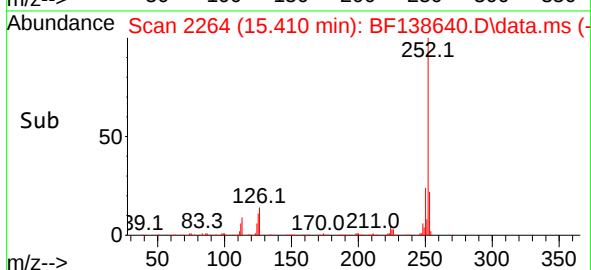
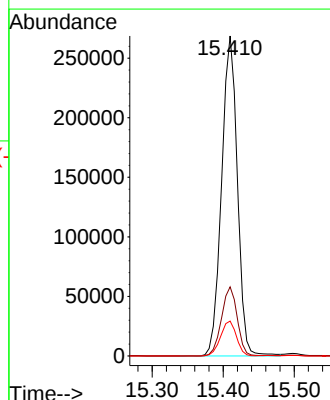
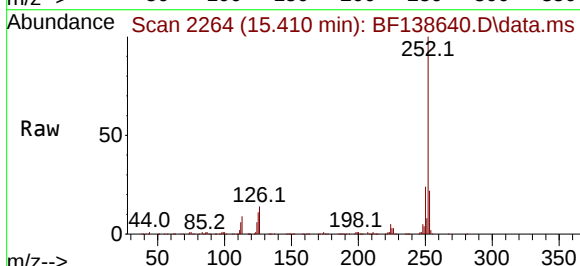
Tgt Ion:252 Resp: 413324

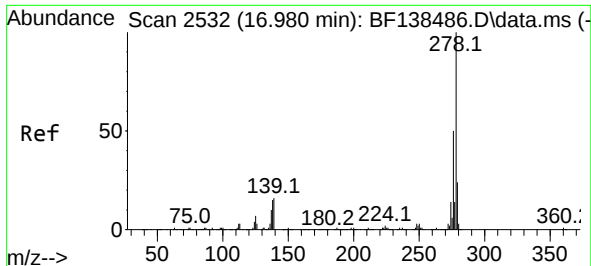
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.9 9.4 14.2

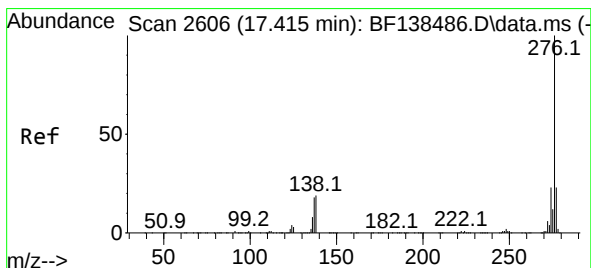
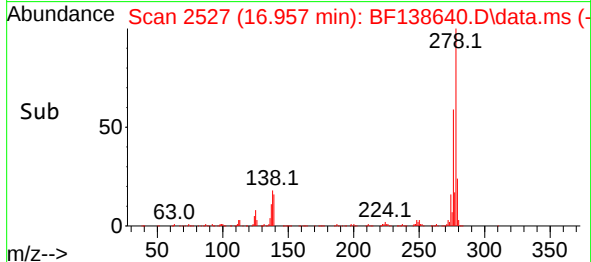
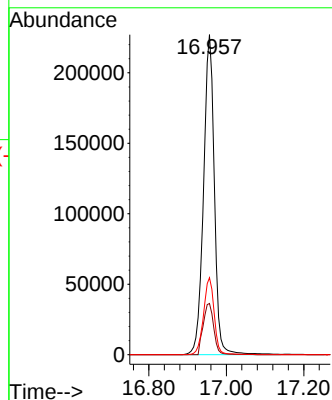
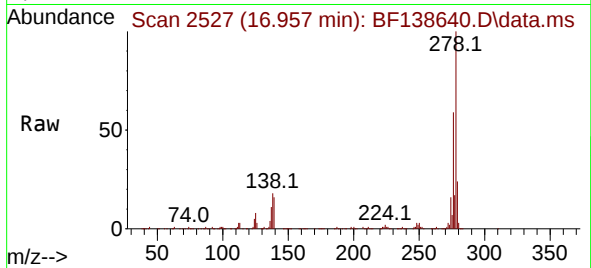




#91
 Dibenzo(a,h)anthracene
 Concen: 47.677 ng
 RT: 16.957 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BF138640.D
 Acq: 24 Jul 2024 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB162256BS

Tgt Ion:278 Resp: 441129
 Ion Ratio Lower Upper
 278 100
 139 16.0 12.8 19.2
 279 24.0 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 44.347 ng
 RT: 17.380 min Scan# 2599
 Delta R.T. -0.035 min
 Lab File: BF138640.D
 Acq: 24 Jul 2024 15:05

Tgt Ion:276 Resp: 435100
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.0 27.0
 138 21.3 15.5 23.3

