

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138884.D
 Acq On : 09 Aug 2024 12:23
 Operator : RC/JU
 Sample : PB162423BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162423BS

Quant Time: Aug 09 12:54:42 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	54661	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	239610	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	137458	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	237762	20.000	ng	0.00
76) Chrysene-d12	14.004	240	114847	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	99135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	477615	134.881	ng	0.02
7) Phenol-d6	6.493	99	631214	132.770	ng	0.00
23) Nitrobenzene-d5	7.410	82	415059	84.691	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	152861	135.760	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	795512	86.954	ng	0.00
79) Terphenyl-d14	12.945	244	806212	117.532	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	46677	30.109	ng	95
3) Pyridine	3.469	79	125908	33.527	ng	94
4) n-Nitrosodimethylamine	3.434	42	114066	50.998	ng	86
6) Aniline	6.510	93	147325	34.748	ng	# 14
8) 2-Chlorophenol	6.634	128	189614	50.896	ng	97
9) Benzaldehyde	6.398	77	114103	40.037	ng	99
10) Phenol	6.510	94	241114	48.169	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	176233	45.752	ng	99
12) 1,3-Dichlorobenzene	6.781	146	187684	45.005	ng	98
13) 1,4-Dichlorobenzene	6.857	146	191826	45.580	ng	98
14) 1,2-Dichlorobenzene	7.010	146	185073	47.054	ng	100
15) Benzyl Alcohol	6.992	79	180837	52.775	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	292552	44.132	ng	# 46
17) 2-Methylphenol	7.110	107	150245	48.839	ng	# 85
18) Hexachloroethane	7.345	117	72794	45.950	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	148488	51.712	ng	98
20) 3+4-Methylphenols	7.263	107	201368	51.017	ng	# 79
22) Acetophenone	7.257	105	255561	43.560	ng	97
24) Nitrobenzene	7.434	77	215643	43.241	ng	99
25) Isophorone	7.669	82	383568	45.835	ng	98
26) 2-Nitrophenol	7.745	139	99896	46.559	ng	95
27) 2,4-Dimethylphenol	7.787	122	129851	50.583	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	227649	44.671	ng	99
29) 2,4-Dichlorophenol	7.992	162	157483	47.741	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	167955	44.120	ng	98
31) Naphthalene	8.145	128	563190	44.654	ng	100
32) Benzoic acid	7.945	122	74199	36.770	ng	97
33) 4-Chloroaniline	8.198	127	97837	23.109	ng	99
34) Hexachlorobutadiene	8.257	225	102412	44.416	ng	99
35) Caprolactam	8.592	113	28384	28.837	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	182831	48.498	ng	99
37) 2-Methylnaphthalene	8.834	142	378251	47.487	ng	99
38) 1-Methylnaphthalene	8.934	142	343784	44.045	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	160044	41.914	ng	99
41) Hexachlorocyclopentadiene	8.981	237	108617	105.078	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	106239	45.633	ng	99

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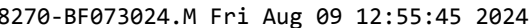
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	113656	44.656	ng	99
46) 1,1'-Biphenyl	9.304	154	445508	41.383	ng	99
47) 2-Chloronaphthalene	9.328	162	350048	43.720	ng	99
48) 2-Nitroaniline	9.434	65	126588	46.637	ng	98
49) Acenaphthylene	9.739	152	553811	48.769	ng	100
50) Dimethylphthalate	9.604	163	428780	48.785	ng	100
51) 2,6-Dinitrotoluene	9.675	165	90633	45.692	ng	92
52) Acenaphthene	9.916	154	338264	44.313	ng	99
53) 3-Nitroaniline	9.845	138	61549	30.016	ng	98
54) 2,4-Dinitrophenol	9.963	184	85713	93.870	ng	89
55) Dibenzofuran	10.086	168	507209	47.070	ng	99
56) 4-Nitrophenol	10.028	139	98124	79.575	ng	92
57) 2,4-Dinitrotoluene	10.081	165	124396	49.154	ng	# 81
58) Fluorene	10.428	166	408201	47.570	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	98411	50.576	ng	97
60) Diethylphthalate	10.304	149	423903	50.866	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	202449	47.970	ng	97
62) 4-Nitroaniline	10.469	138	83056	42.622	ng	87
63) Azobenzene	10.581	77	440756	47.686	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	69032	47.590	ng	93
66) n-Nitrosodiphenylamine	10.539	169	350266	47.130	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	115981	45.055	ng	95
68) Hexachlorobenzene	10.975	284	120090	45.182	ng	99
69) Atrazine	11.069	200	105046	54.784	ng	98
70) Pentachlorophenol	11.180	266	95431	79.657	ng	98
71) Phenanthrene	11.392	178	572920	46.796	ng	99
72) Anthracene	11.445	178	582679	48.311	ng	99
73) Carbazole	11.598	167	482080	46.329	ng	98
74) Di-n-butylphthalate	11.916	149	650691	55.627	ng	99
75) Fluoranthene	12.575	202	551788	48.278	ng	99
77) Benzidine	12.698	184	35832	13.044	ng	100
78) Pyrene	12.804	202	543880	50.298	ng	99
80) Butylbenzylphthalate	13.416	149	198317	57.273	ng	97
81) Benzo(a)anthracene	13.992	228	369948	46.778	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	67070	33.140	ng	99
83) Chrysene	14.027	228	339194	47.539	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	231124	45.582	ng	100
85) Di-n-octyl phthalate	14.574	149	361521	38.536	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	331590	46.674	ng	96
88) Benzo(b)fluoranthene	15.039	252	296222	48.202	ng	98
89) Benzo(k)fluoranthene	15.068	252	283055	53.198	ng	98
90) Benzo(a)pyrene	15.404	252	270607	52.350	ng	97
91) Dibenzo(a,h)anthracene	16.951	278	269583	46.226	ng	97
92) Benzo(g,h,i)perylene	17.386	276	251836	41.614	ng	96

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

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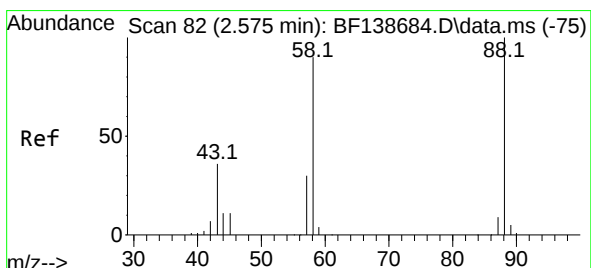
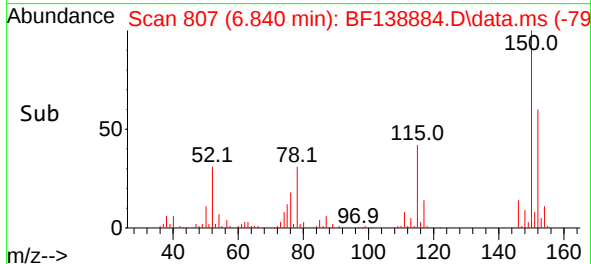
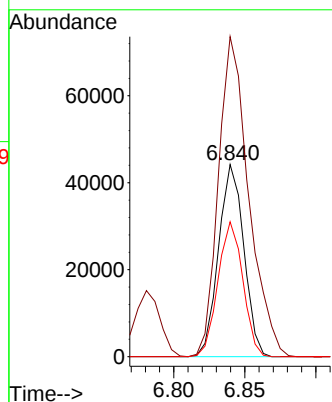
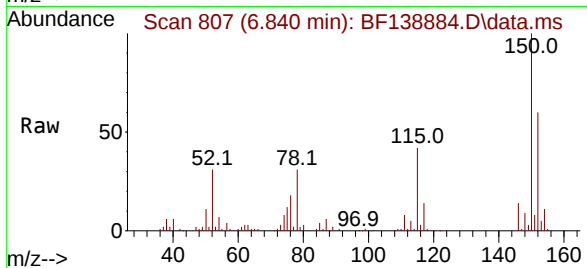




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138884.D
 Acq: 09 Aug 2024 12:23

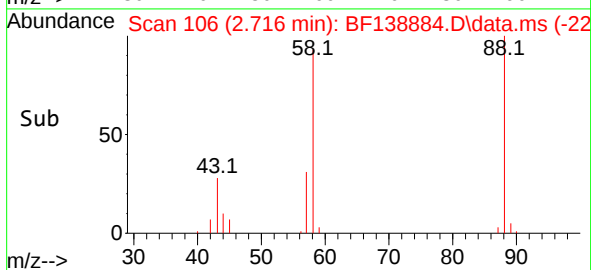
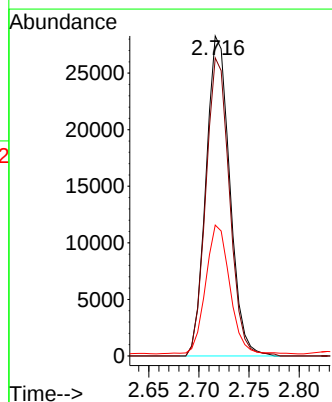
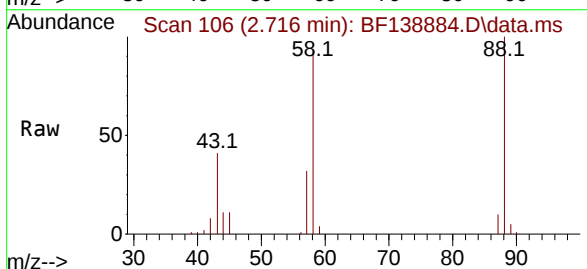
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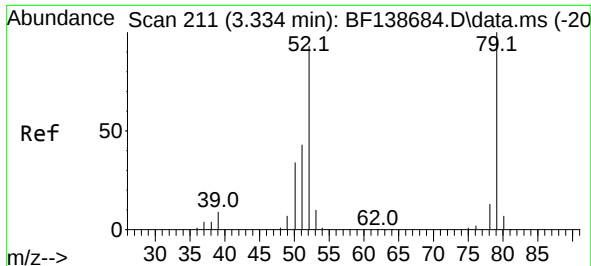
Tgt Ion:152 Resp: 54661
 Ion Ratio Lower Upper
 152 100
 150 166.5 126.0 189.0
 115 70.2 51.7 77.5



#2
 1,4-Dioxane
 Concen: 30.109 ng
 RT: 2.716 min Scan# 106
 Delta R.T. 0.141 min
 Lab File: BF138884.D
 Acq: 09 Aug 2024 12:23

Tgt Ion: 88 Resp: 46677
 Ion Ratio Lower Upper
 88 100
 58 92.6 71.6 107.4
 43 41.0 28.7 43.1





#3

Pyridine

Concen: 33.527 ng

RT: 3.469 min Scan# 211

Delta R.T. 0.135 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

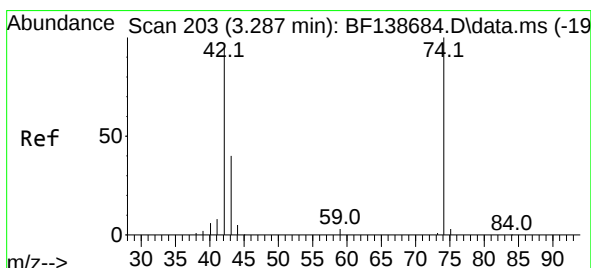
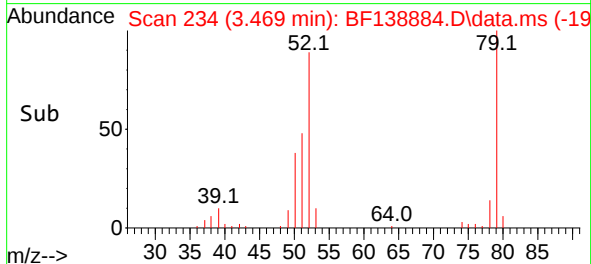
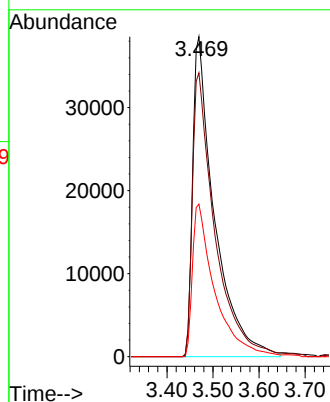
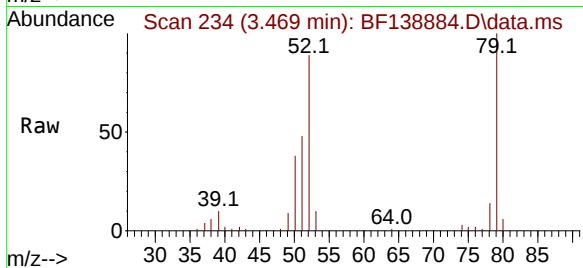
Tgt Ion: 79 Resp: 125908

Ion Ratio Lower Upper

79 100

52 88.7 74.7 112.1

51 47.7 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 50.998 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.147 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

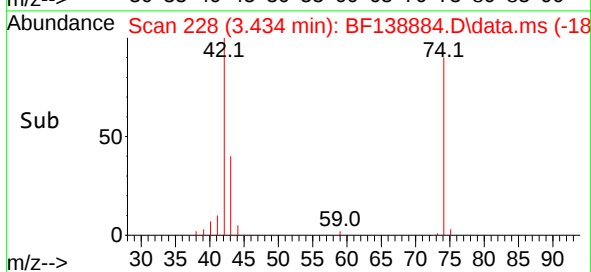
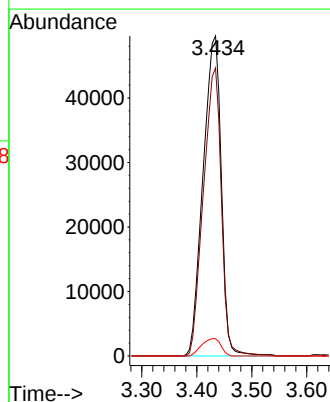
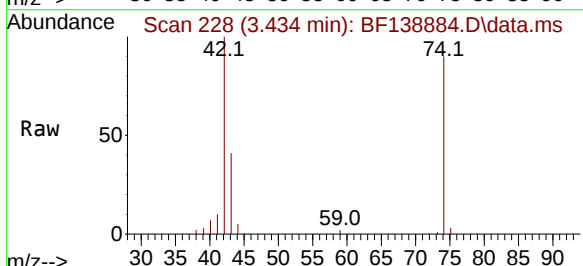
Tgt Ion: 42 Resp: 114066

Ion Ratio Lower Upper

42 100

74 90.0 84.2 126.4

44 5.4 4.9 7.3

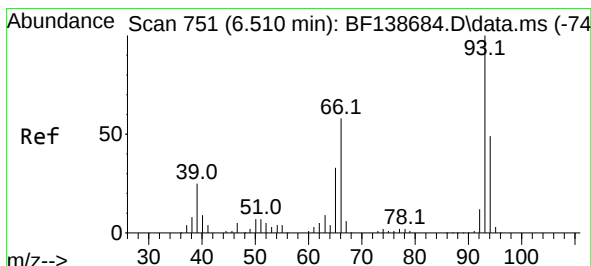
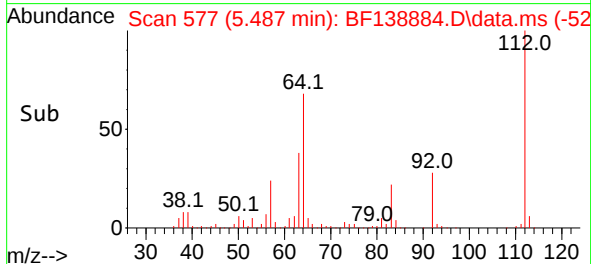
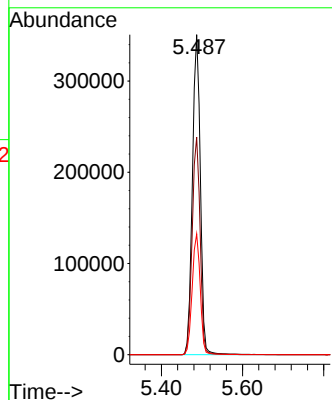
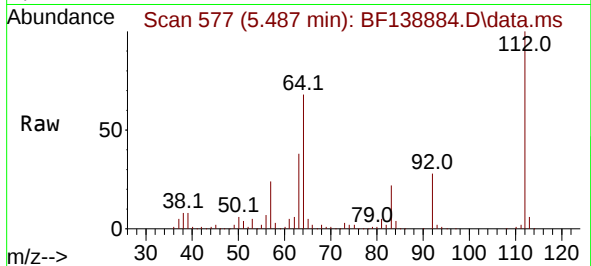




#5
2-Fluorophenol
Concen: 134.881 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

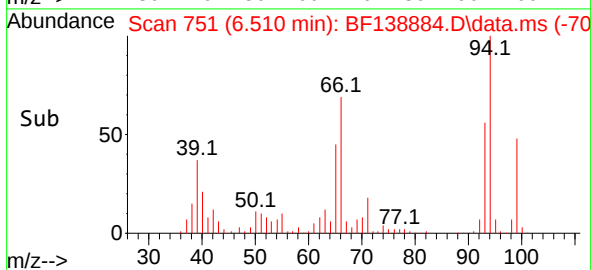
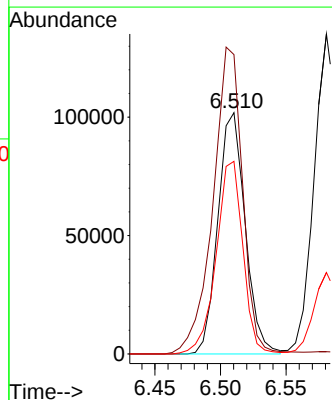
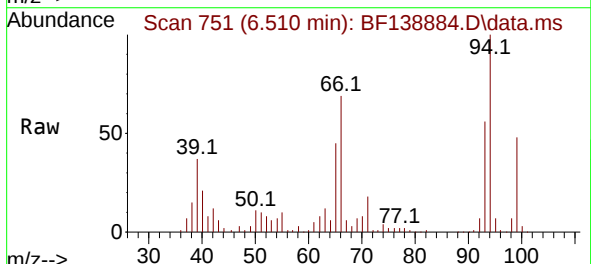
Instrument :
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Tgt Ion:112 Resp: 477615
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 37.8 28.7 43.1



#6
Aniline
Concen: 34.748 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion: 93 Resp: 147325
Ion Ratio Lower Upper
93 100
66 124.0 46.9 70.3#
65 79.8 26.5 39.7#

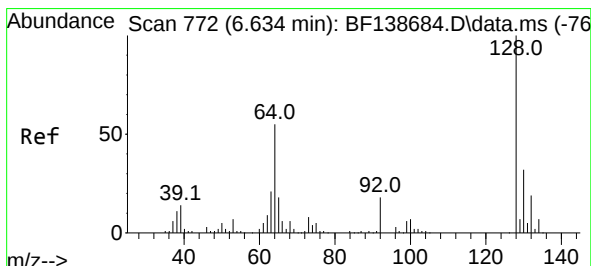
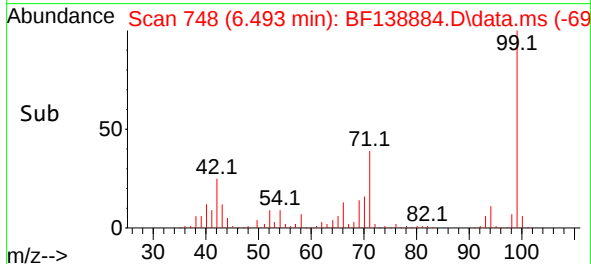
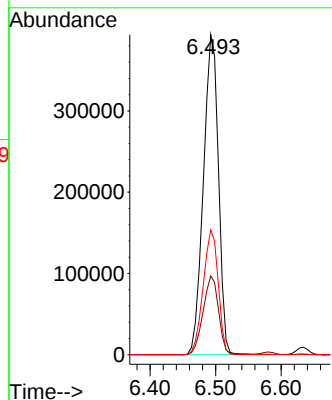
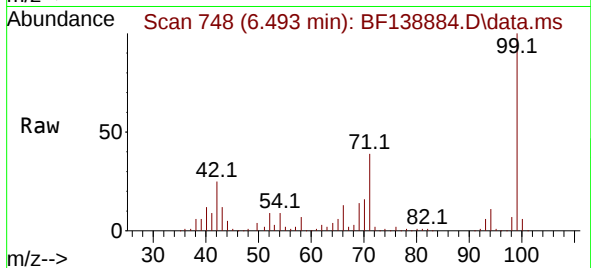




#7
Phenol-d6
Concen: 132.770 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

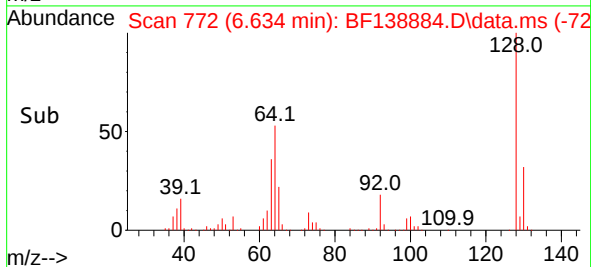
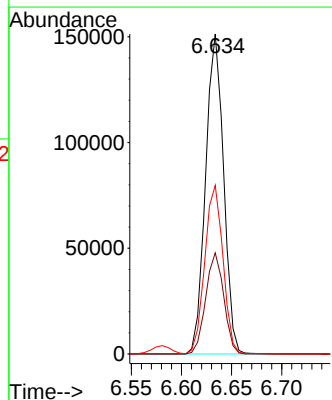
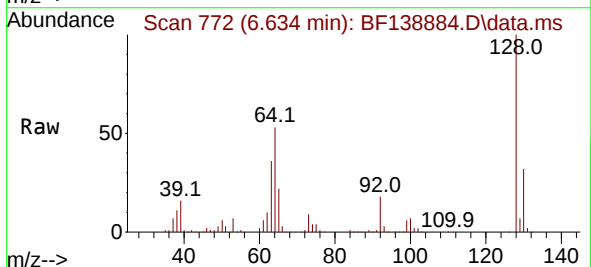
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ClientSampleId :
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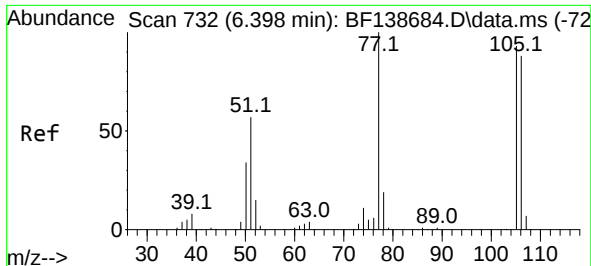
Tgt Ion: 99 Resp: 631214
Ion Ratio Lower Upper
99 100
42 24.6 17.4 26.0
71 39.0 28.1 42.1



#8
2-Chlorophenol
Concen: 50.896 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion: 128 Resp: 189614
Ion Ratio Lower Upper
128 100
130 31.6 12.0 52.0
64 52.7 36.3 76.3





#9

Benzaldehyde

Concen: 40.037 ng

RT: 6.398 min Scan# 711

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

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ClientSampleId :

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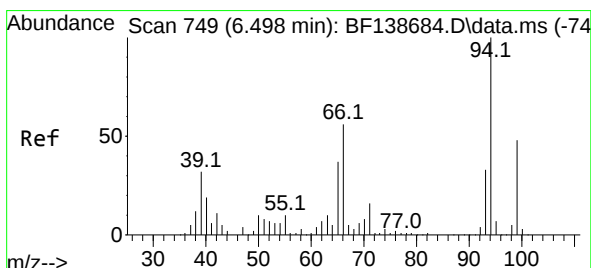
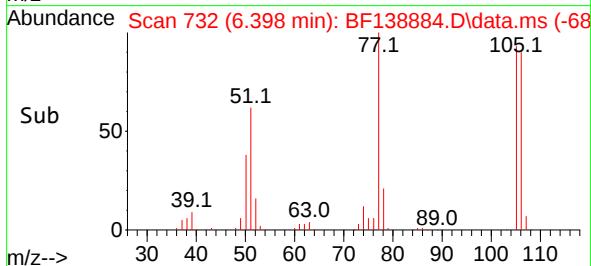
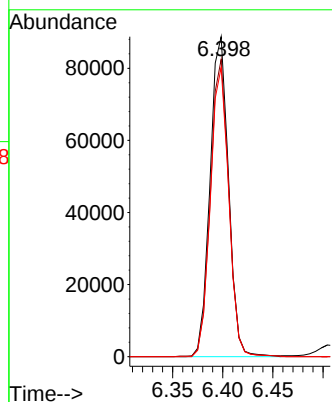
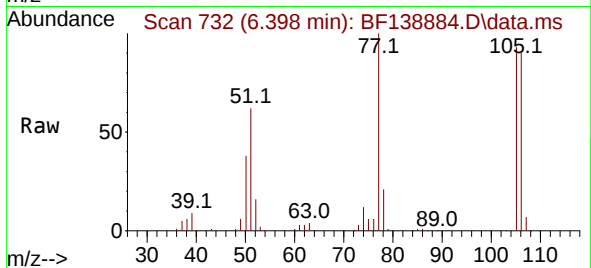
Tgt Ion: 77 Resp: 114103

Ion Ratio Lower Upper

77 100

105 92.9 72.9 112.9

106 90.4 68.4 108.4



#10

Phenol

Concen: 48.169 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.012 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

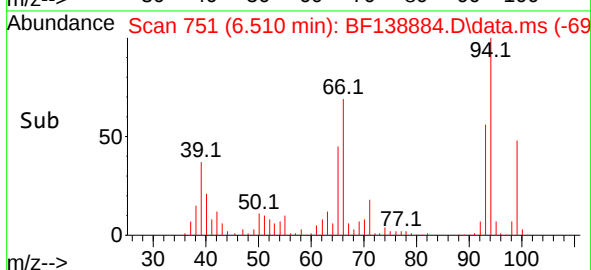
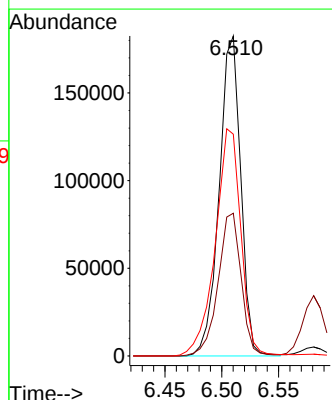
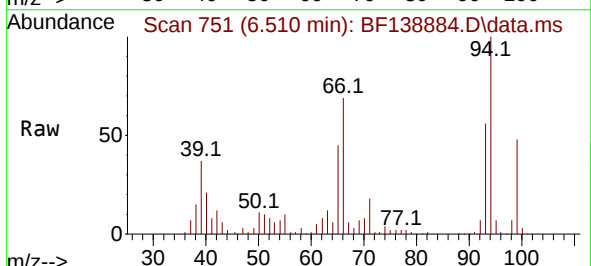
Tgt Ion: 94 Resp: 241114

Ion Ratio Lower Upper

94 100

65 44.6 16.9 56.9

66 69.3 36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 45.752 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

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Instrument :

BNA_F

ClientSampleId :

PB162423BS

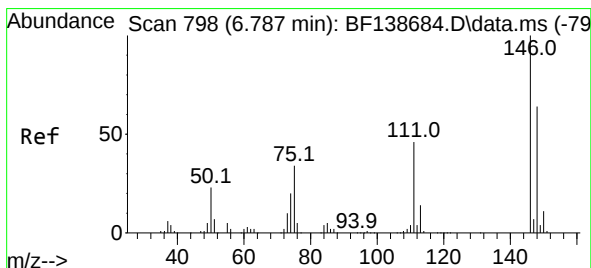
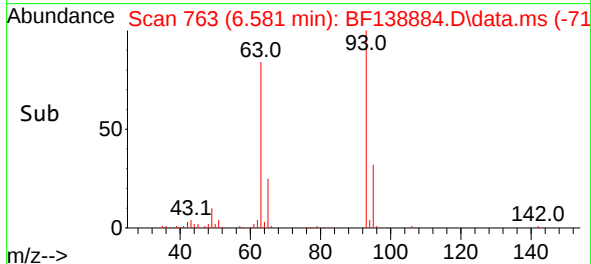
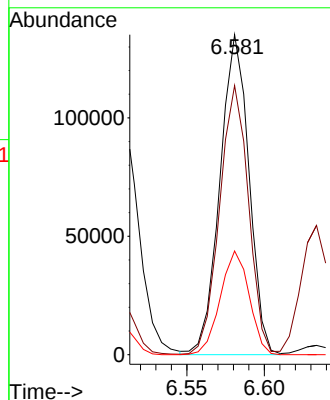
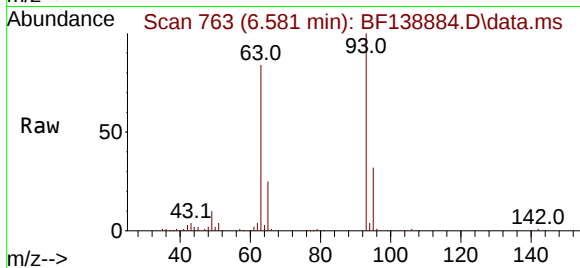
Tgt Ion: 93 Resp: 176233

Ion Ratio Lower Upper

93 100

63 84.1 65.3 105.3

95 32.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 45.005 ng

RT: 6.781 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

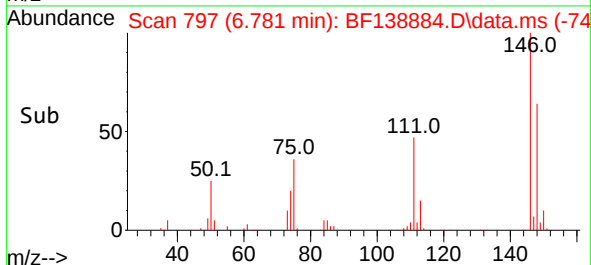
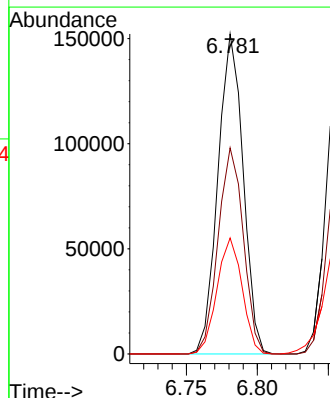
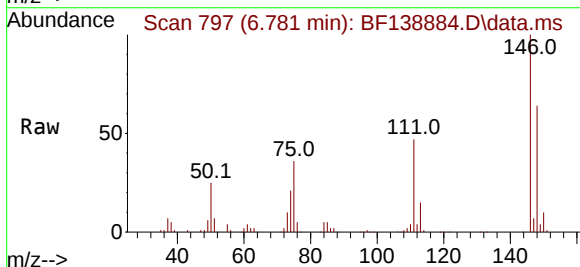
Tgt Ion:146 Resp: 187684

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

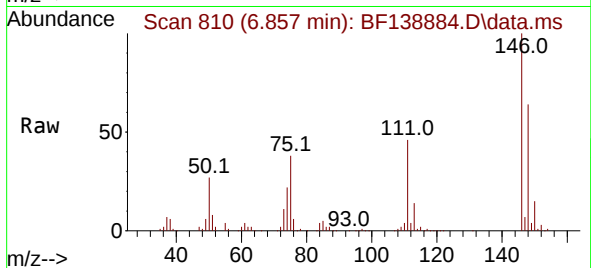
75 36.3 27.4 41.2



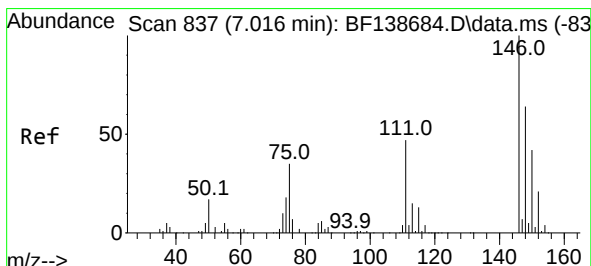
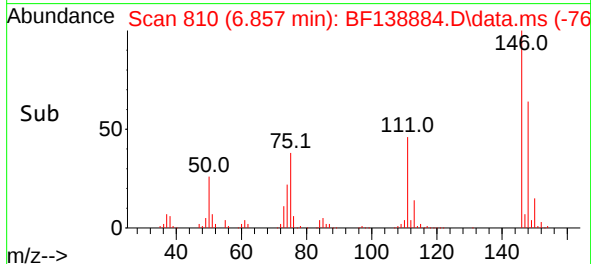
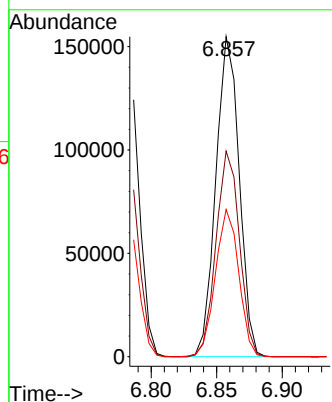


#13
1,4-Dichlorobenzene
Concen: 45.580 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :
BNA_F
ClientSampleId :
PB162423BS

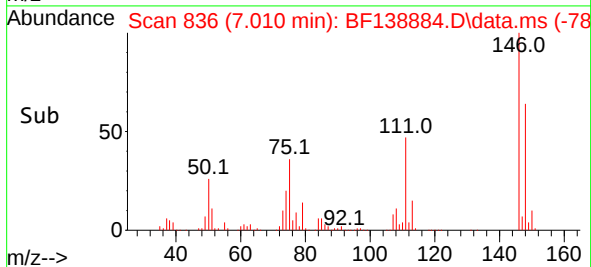
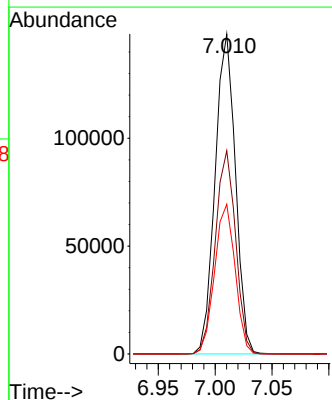
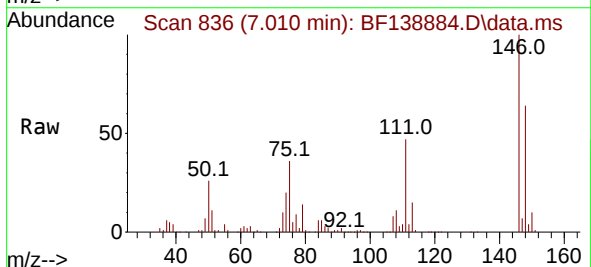


Tgt Ion:146 Resp: 191826
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.2
111 46.0 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 47.054 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:146 Resp: 185073
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
111 46.7 37.4 56.2

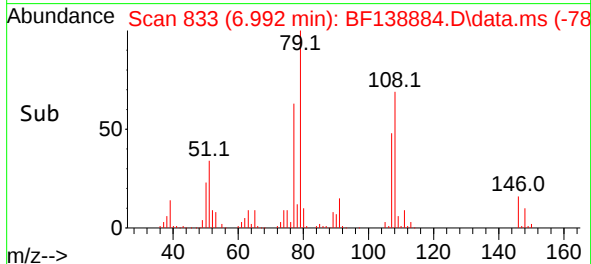
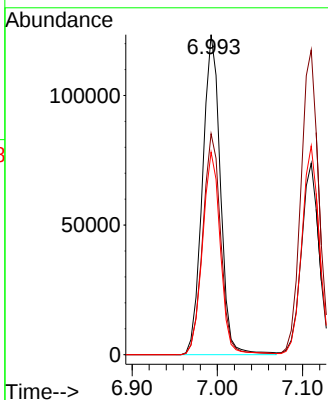
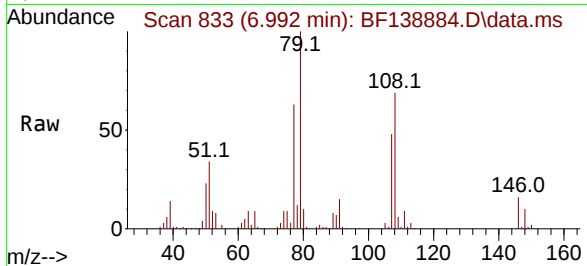




#15
Benzyl Alcohol
Concen: 52.775 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

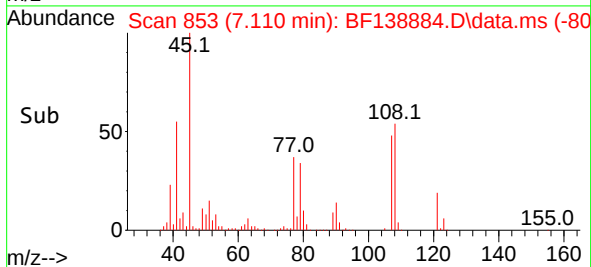
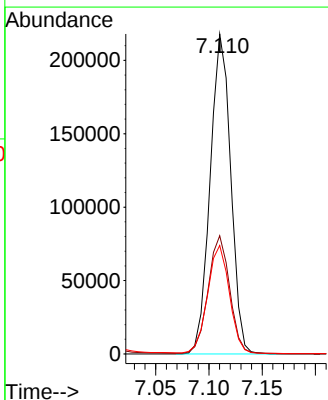
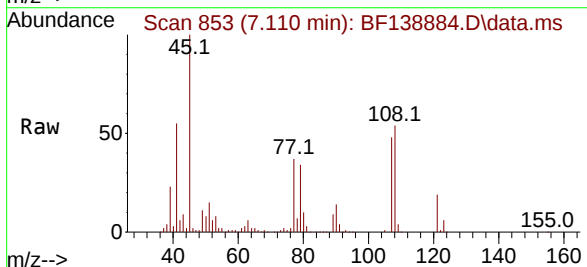
Instrument :
BNA_F
ClientSampleId :
PB162423BS

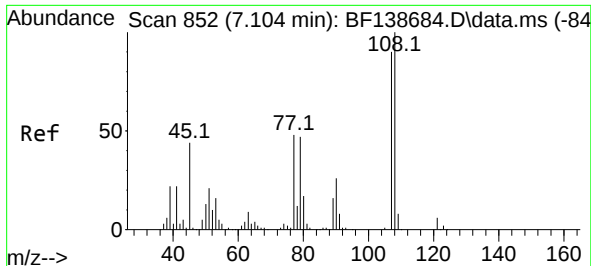
Tgt Ion: 79 Resp: 180837
Ion Ratio Lower Upper
79 100
108 69.1 56.6 85.0
77 63.3 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.132 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion: 45 Resp: 292552
Ion Ratio Lower Upper
45 100
77 37.0 0.0 34.9#
79 33.9 0.0 32.2#

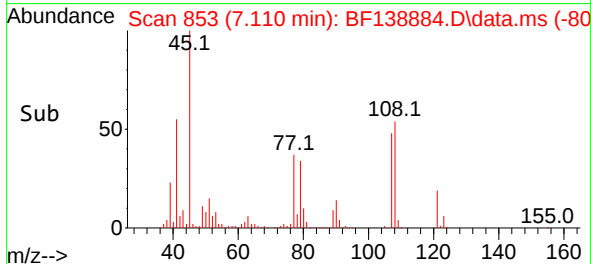
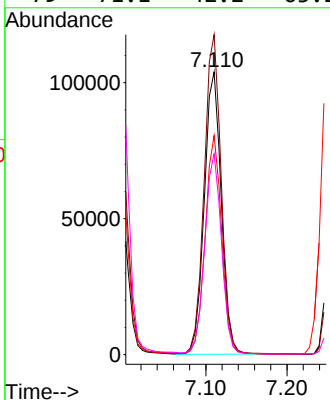
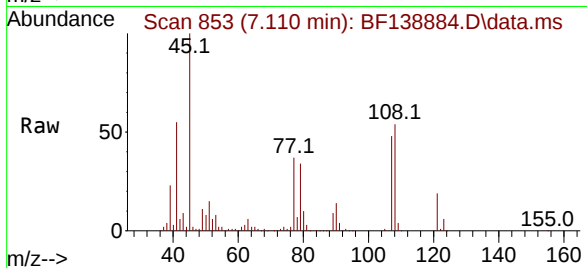




#17
2-Methylphenol
Concen: 48.839 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

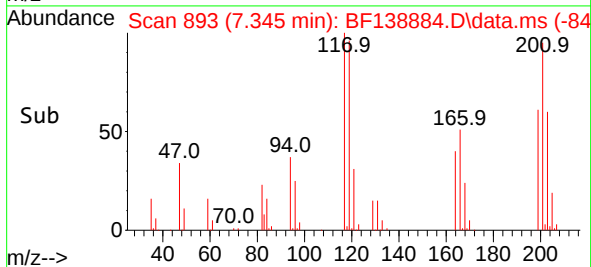
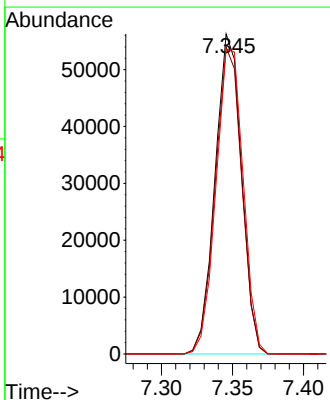
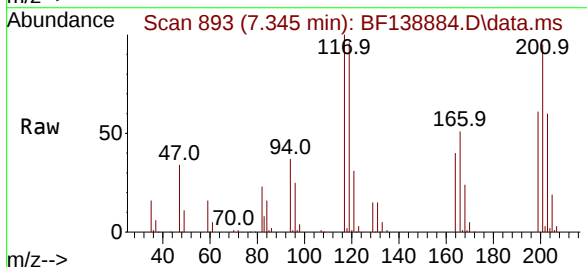
Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion:107 Resp: 150245
Ion Ratio Lower Upper
107 100
108 113.2 89.2 133.8
77 77.5 43.0 64.4#
79 71.1 42.2 63.2#



#18
Hexachloroethane
Concen: 45.950 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:117 Resp: 72794
Ion Ratio Lower Upper
117 100
119 95.9 74.6 111.8
201 95.3 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 51.712 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

Tgt Ion: 70 Resp: 148488

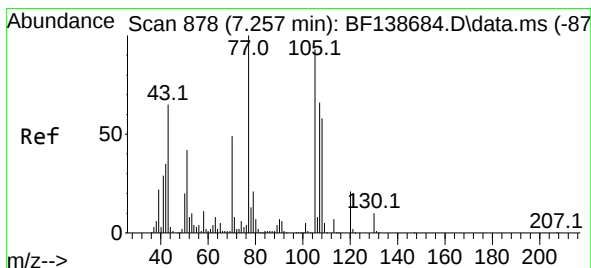
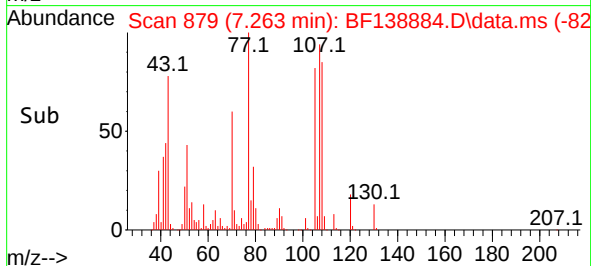
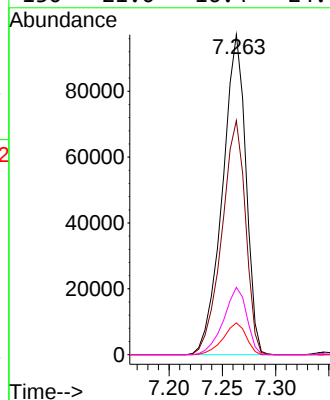
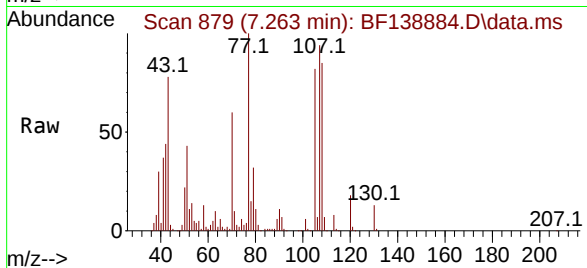
Ion Ratio Lower Upper

70 100

42 73.2 57.4 86.0

101 10.0 7.5 11.3

130 21.0 16.4 24.6



#20

3+4-Methylphenols

Concen: 51.017 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Tgt Ion:107 Resp: 201368

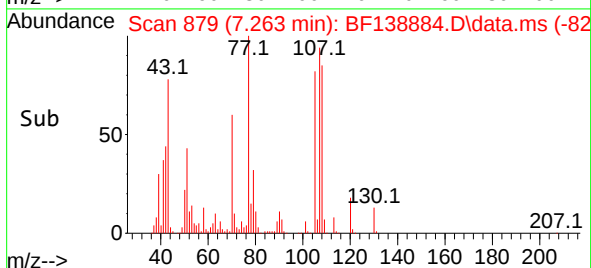
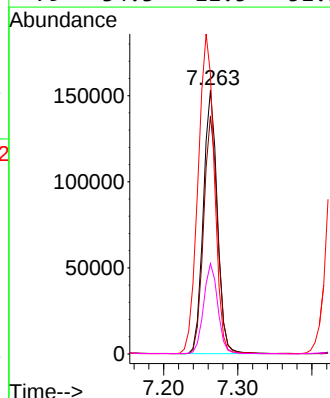
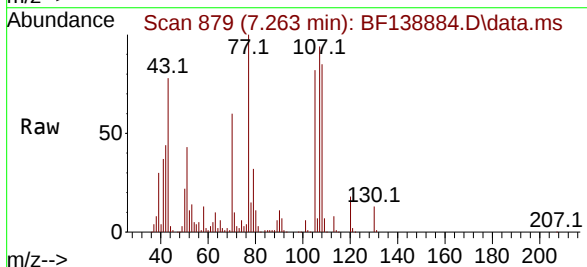
Ion Ratio Lower Upper

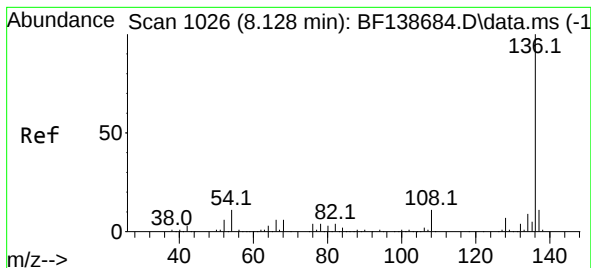
107 100

108 90.3 68.2 108.2

77 106.0 132.1 172.1#

79 34.3 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

Tgt Ion:136 Resp: 239610

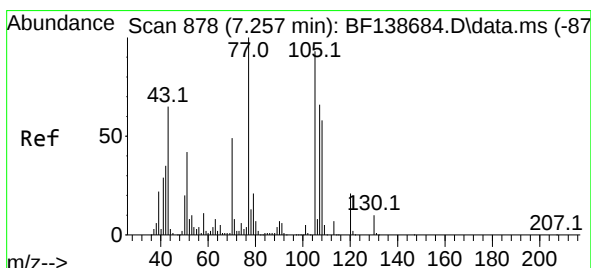
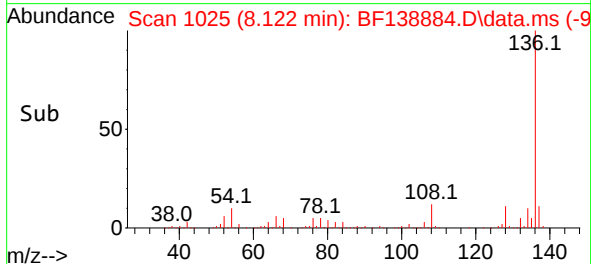
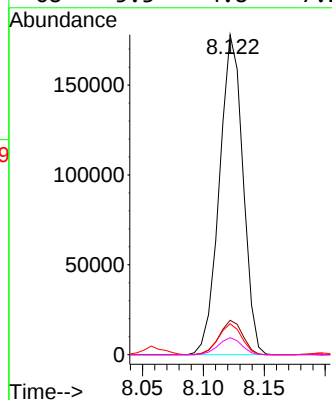
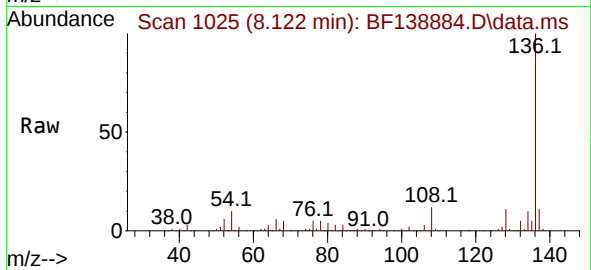
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.6 8.6 12.8

68 5.3 4.8 7.2



#22

Acetophenone

Concen: 43.560 ng

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Tgt Ion:105 Resp: 255561

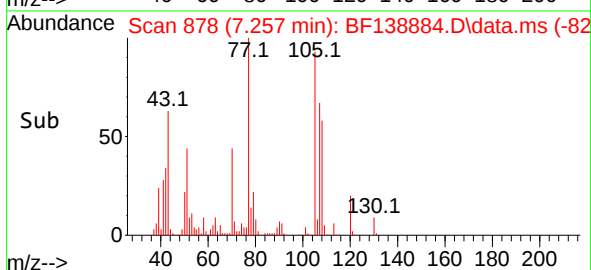
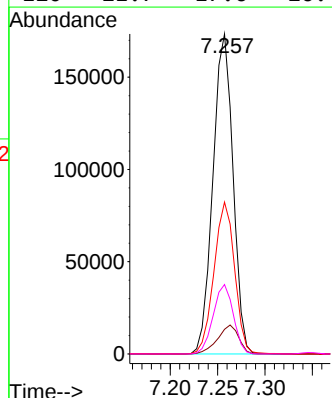
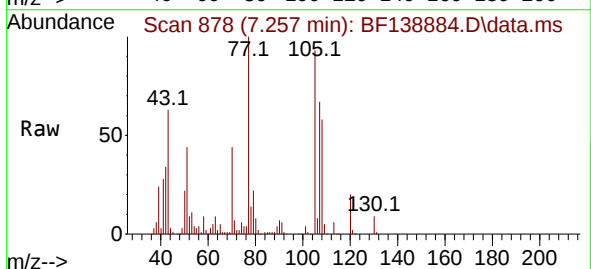
Ion Ratio Lower Upper

105 100

71 7.7 7.2 10.8

51 47.4 35.9 53.9

120 21.7 17.6 26.4





#23

Nitrobenzene-d5

Concen: 84.691 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

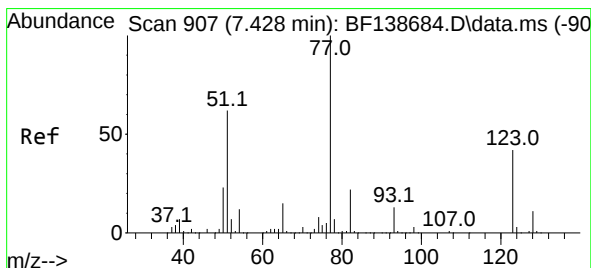
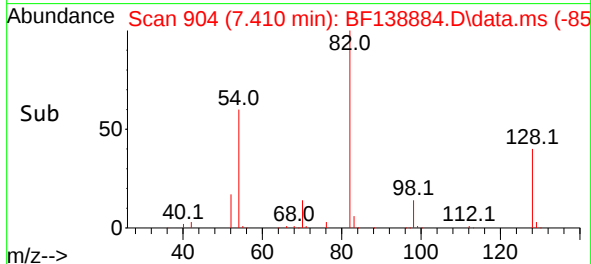
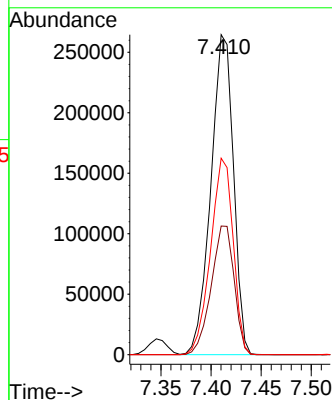
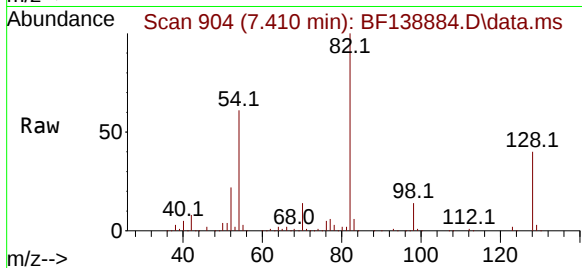
Tgt Ion: 82 Resp: 415059

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

54 61.4 48.3 72.5



#24

Nitrobenzene

Concen: 43.241 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

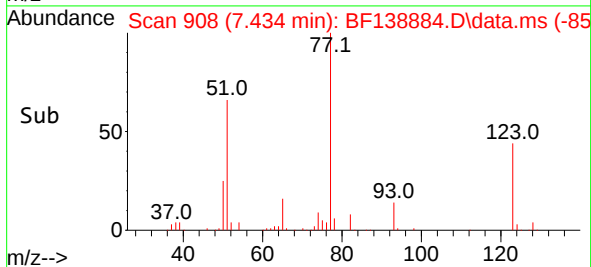
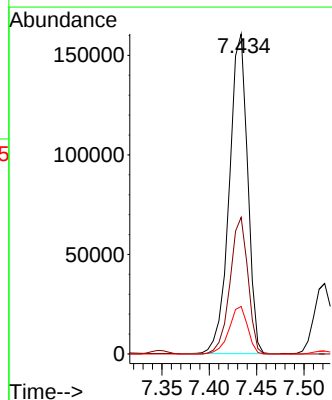
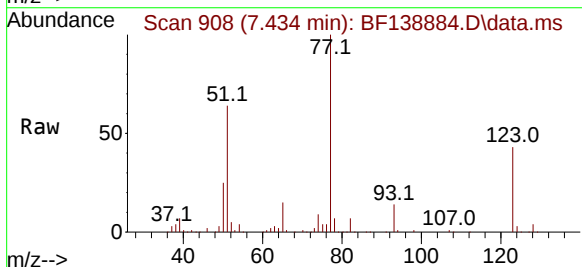
Tgt Ion: 77 Resp: 215643

Ion Ratio Lower Upper

77 100

123 42.7 33.3 49.9

65 14.8 11.9 17.9

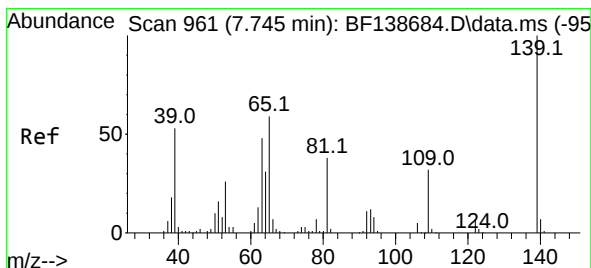
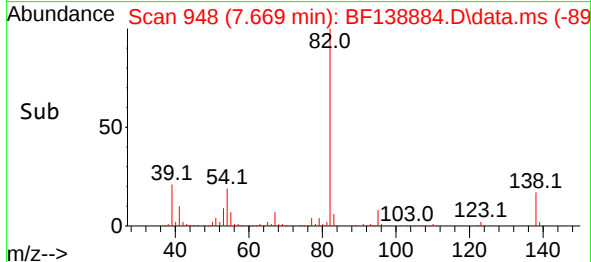
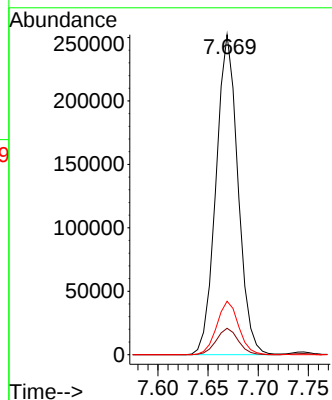
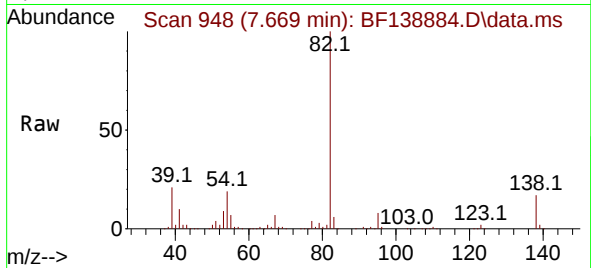




#25
Isophorone
Concen: 45.835 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

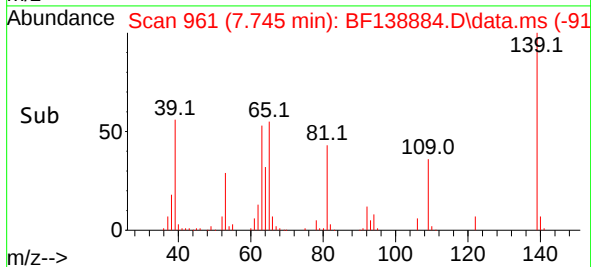
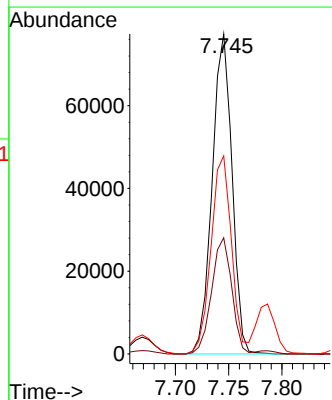
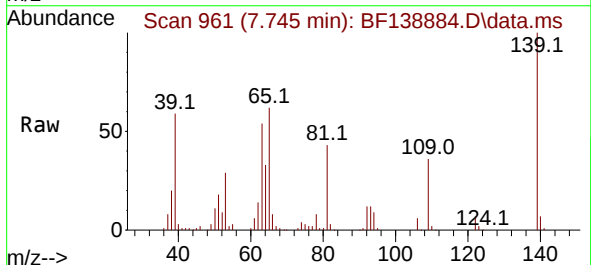
Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion: 82 Resp: 383568
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.7 13.7 20.5



#26
2-Nitrophenol
Concen: 46.559 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion: 139 Resp: 99896
Ion Ratio Lower Upper
139 100
109 36.3 25.9 38.9
65 61.9 47.0 70.6

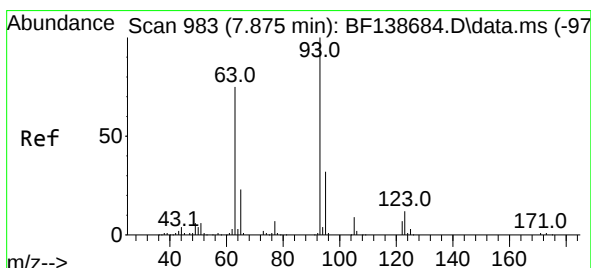
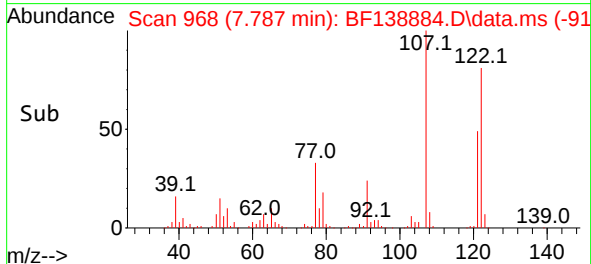
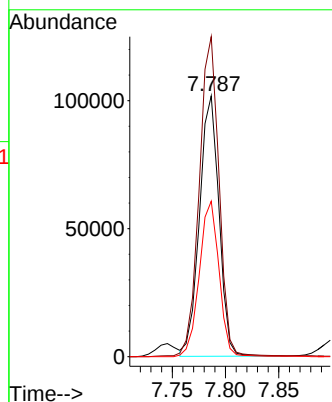
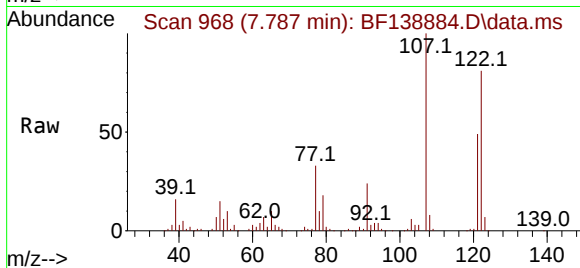




#27
2,4-Dimethylphenol
Concen: 50.583 ng
RT: 7.787 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

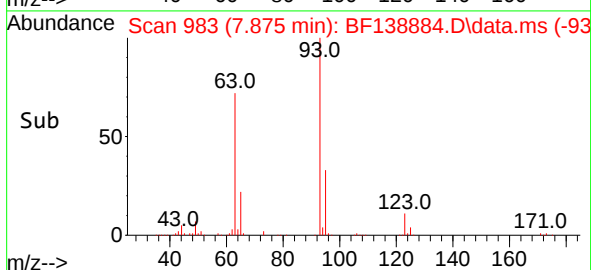
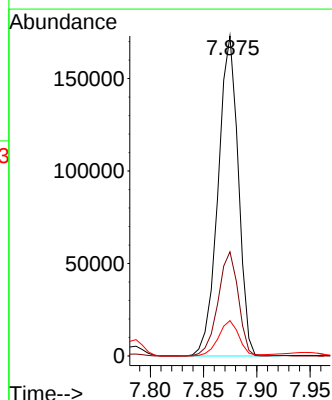
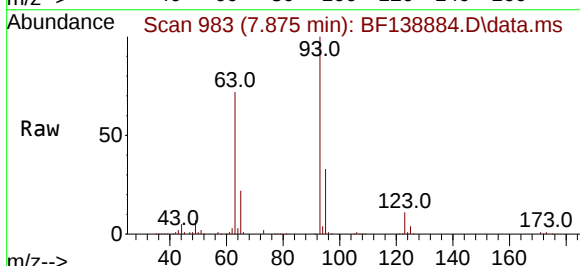
Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion:122 Resp: 129851
Ion Ratio Lower Upper
122 100
107 122.7 95.0 142.6
121 59.7 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 44.671 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion: 93 Resp: 227649
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.741 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

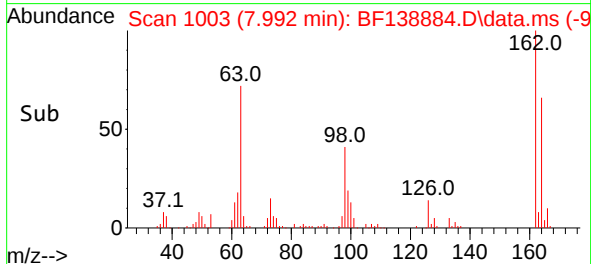
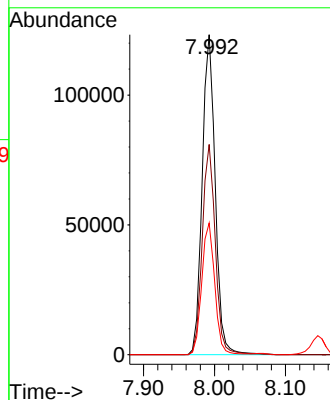
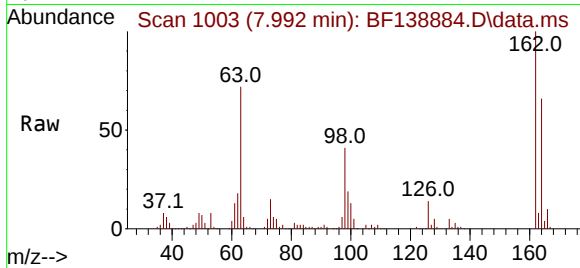
Tgt Ion:162 Resp: 157483

Ion Ratio Lower Upper

162 100

164 65.7 44.7 84.7

98 41.2 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 44.120 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

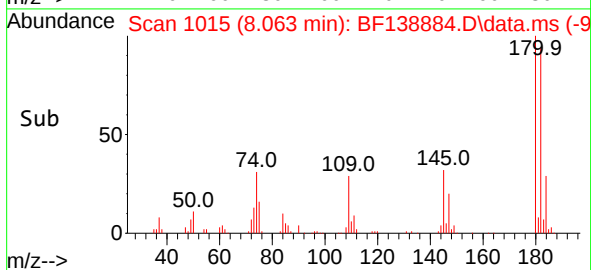
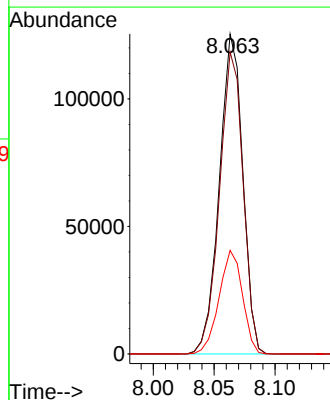
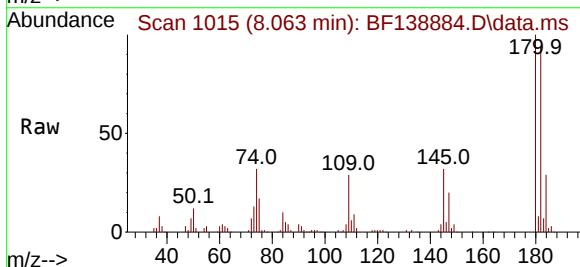
Tgt Ion:180 Resp: 167955

Ion Ratio Lower Upper

180 100

182 94.4 76.9 115.3

145 32.4 25.0 37.4

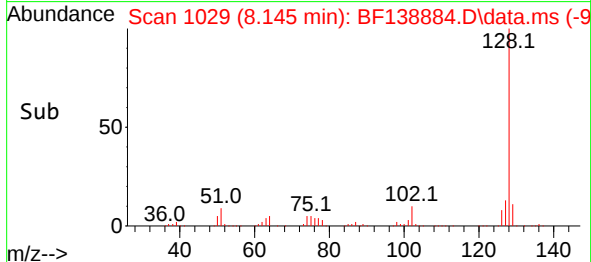
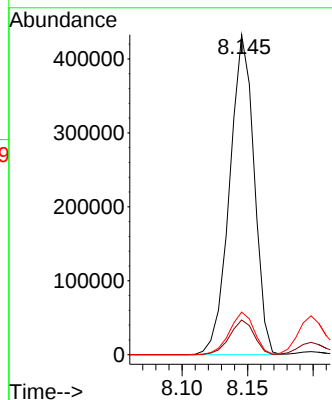
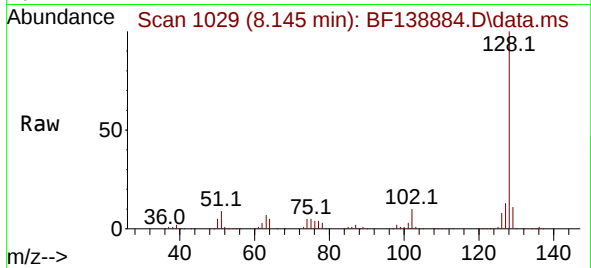




#31
Naphthalene
Concen: 44.654 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

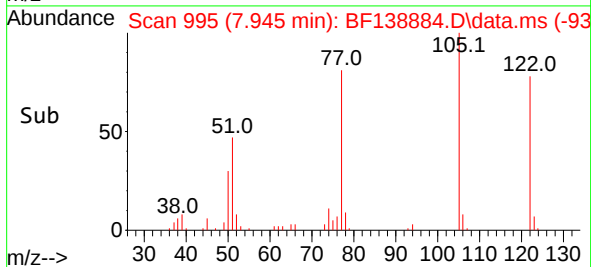
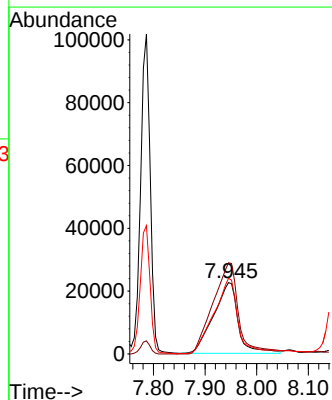
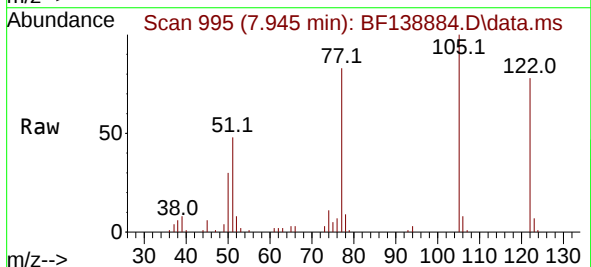
Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion:128 Resp: 563190
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 36.770 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:122 Resp: 74199
Ion Ratio Lower Upper
122 100
105 127.8 106.7 146.7
77 106.1 81.1 121.1

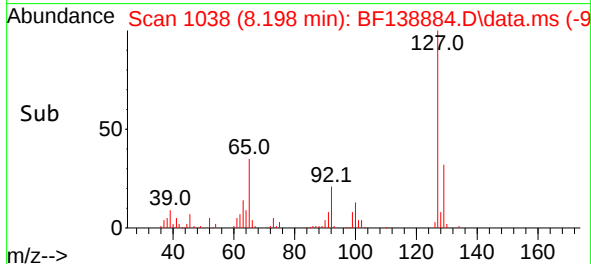
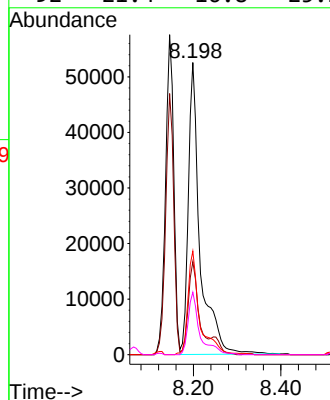
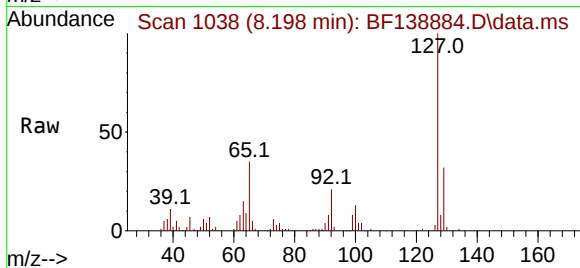




#33
4-Chloroaniline
Concen: 23.109 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

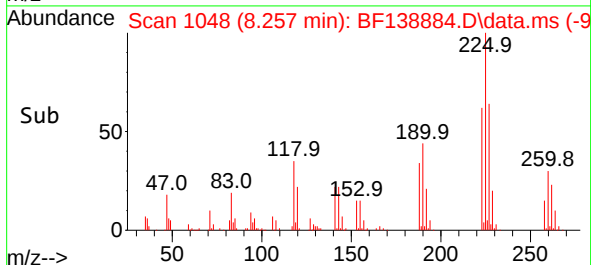
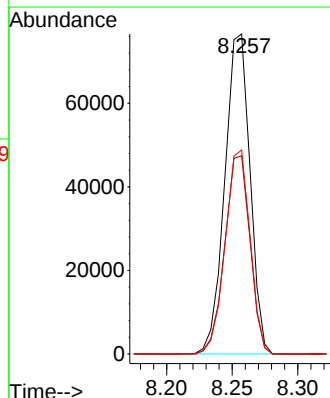
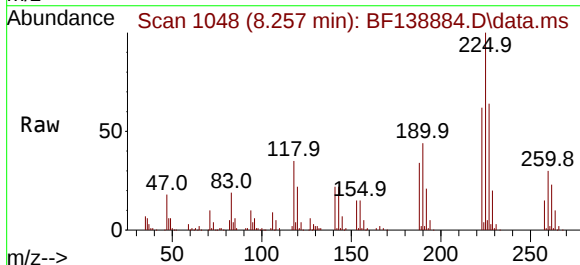
Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion:	127	Resp:	97837
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	35.4	27.6	41.4
92	21.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.416 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:	225	Resp:	102412
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.2	76.8
227	63.7	51.1	76.7

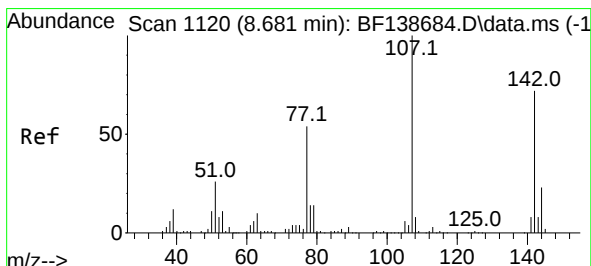
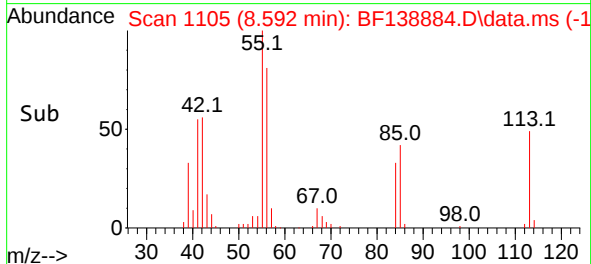
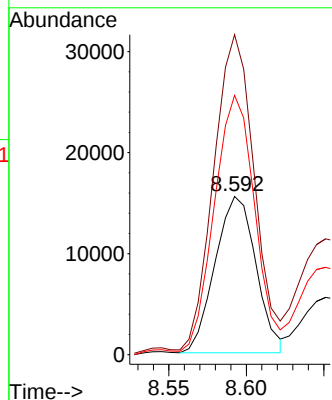
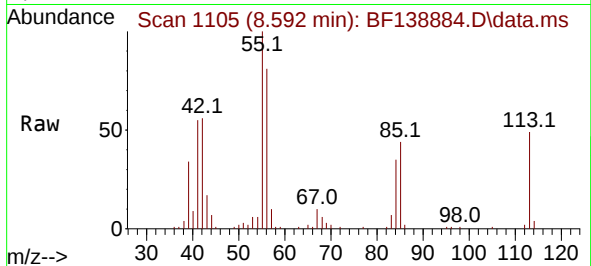




#35
Caprolactam
Concen: 28.837 ng
RT: 8.592 min Scan# 1105
Delta R.T. 0.024 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

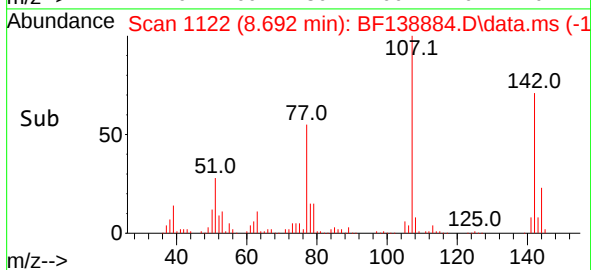
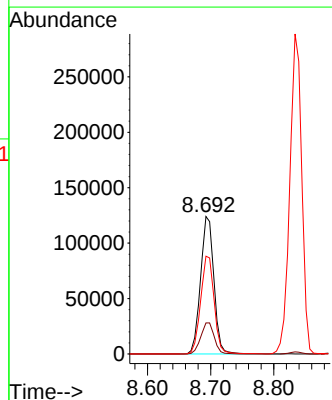
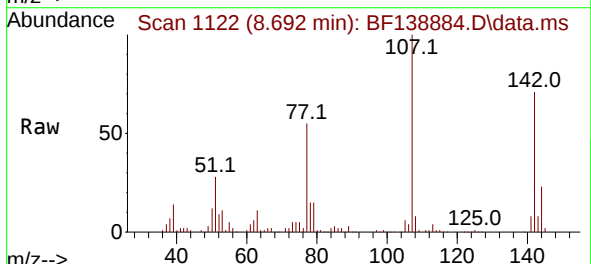
Instrument :
BNA_F
ClientSampleId :
PB162423BS

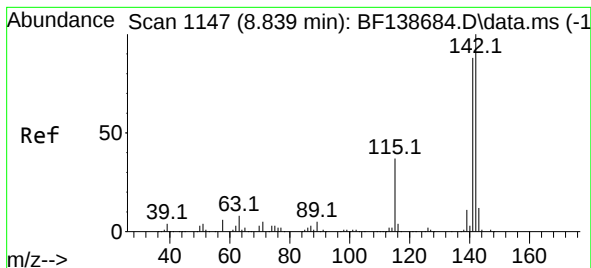
Tgt Ion:113 Resp: 28384
Ion Ratio Lower Upper
113 100
55 202.2 186.7 226.7
56 163.9 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 48.498 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:107 Resp: 182831
Ion Ratio Lower Upper
107 100
144 22.6 18.2 27.2
142 71.1 57.4 86.2





#37

2-Methylnaphthalene

Concen: 47.487 ng

RT: 8.834 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

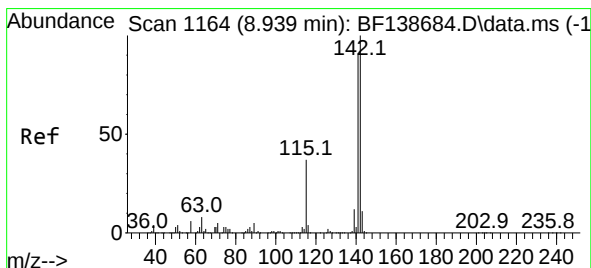
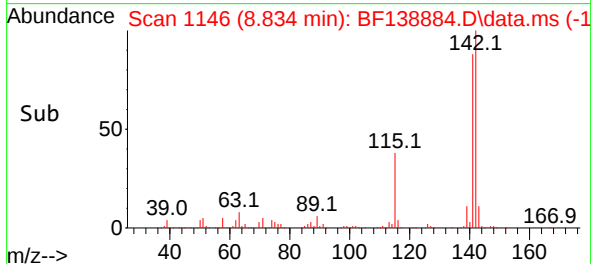
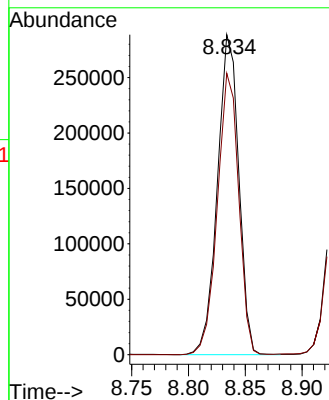
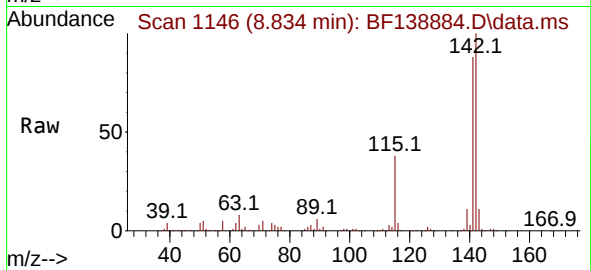
PB162423BS

Tgt Ion:142 Resp: 378251

Ion Ratio Lower Upper

142 100

141 87.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 44.045 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138884.D

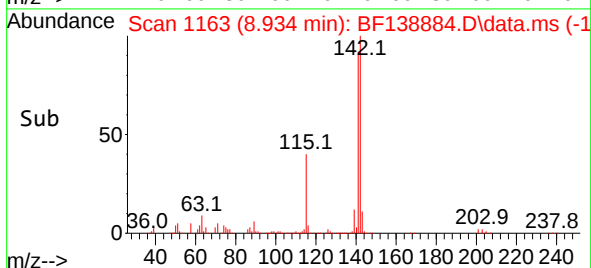
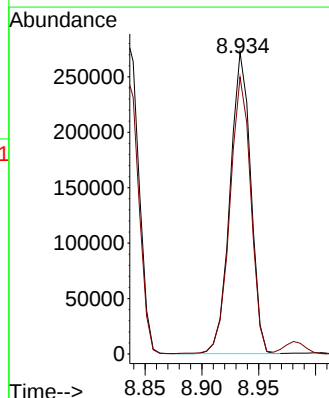
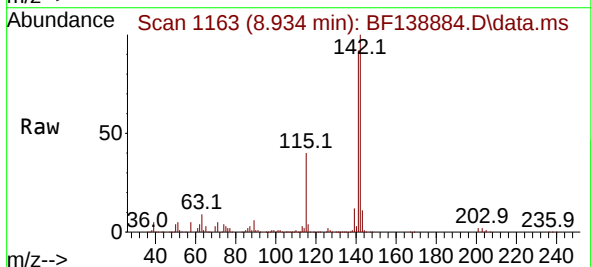
Acq: 09 Aug 2024 12:23

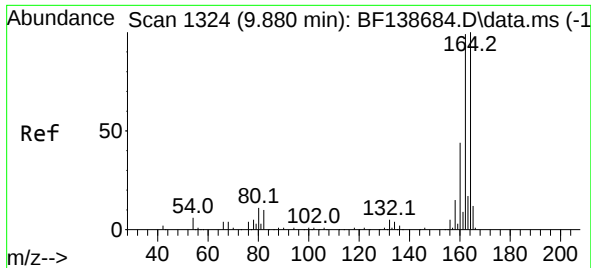
Tgt Ion:142 Resp: 343784

Ion Ratio Lower Upper

142 100

141 91.8 73.1 109.7

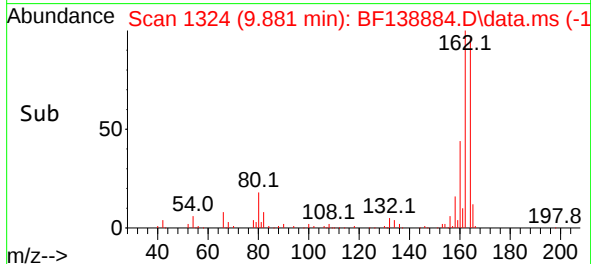
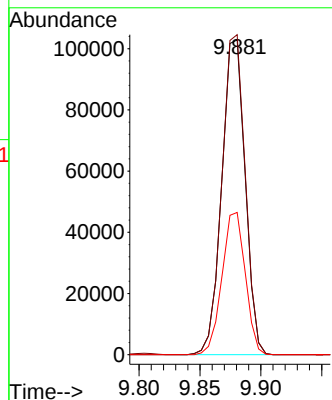
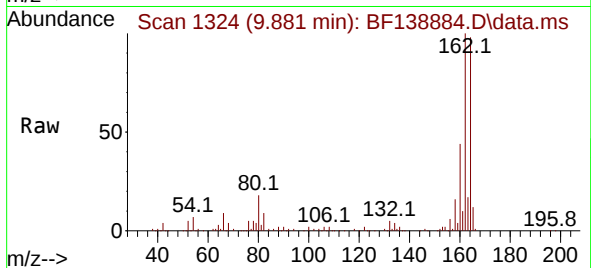




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1178
Delta R.T. 0.001 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

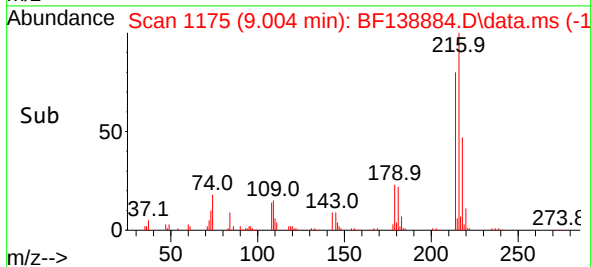
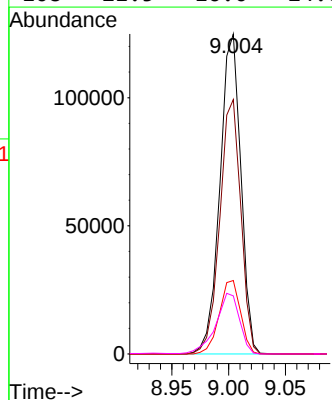
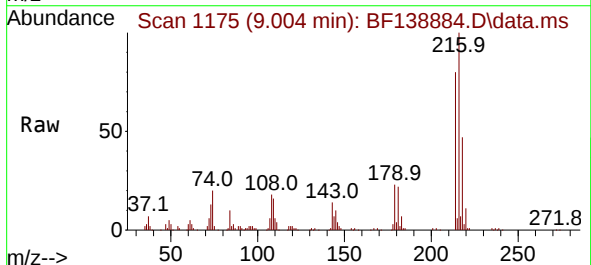
Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion:164 Resp: 137458
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.0
160 45.2 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.914 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:216 Resp: 160044
Ion Ratio Lower Upper
216 100
214 79.7 63.9 95.9
179 23.4 17.8 26.6
108 21.5 16.0 24.0

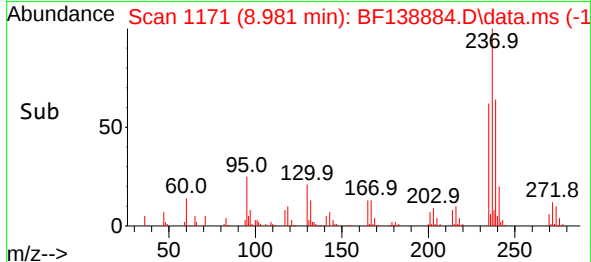
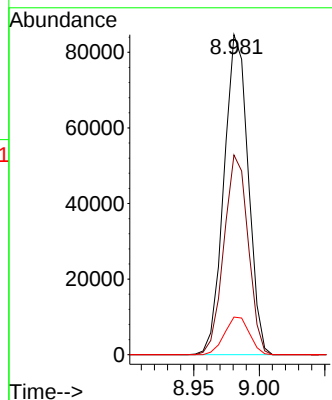
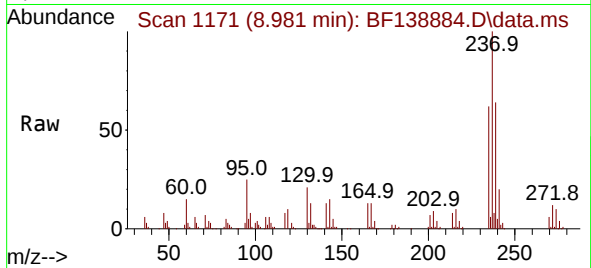




#41
Hexachlorocyclopentadiene
Concen: 105.078 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

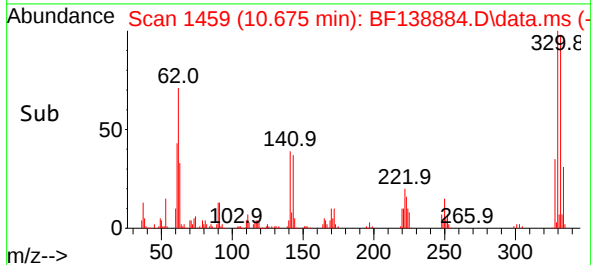
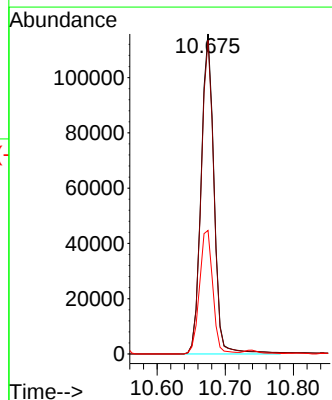
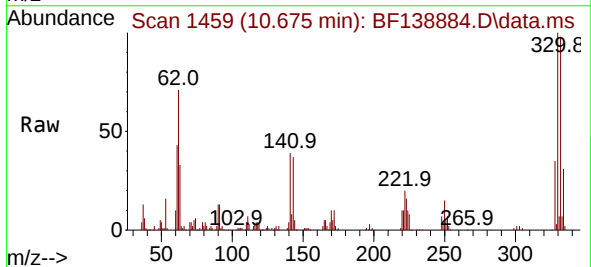
Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion:237 Resp: 108617
Ion Ratio Lower Upper
237 100
235 62.4 41.8 81.8
272 11.8 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 135.760 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:330 Resp: 152861
Ion Ratio Lower Upper
330 100
332 98.7 76.4 114.6
141 39.8 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 45.633 ng

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

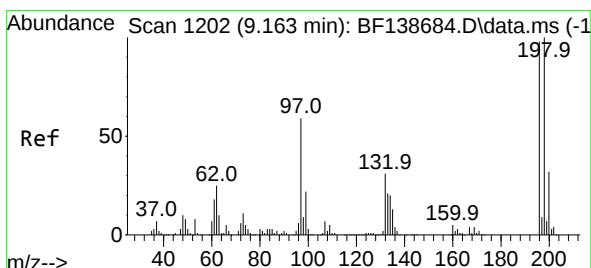
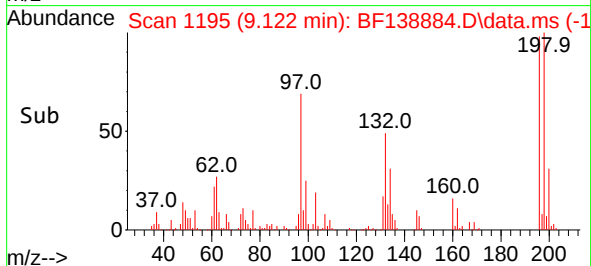
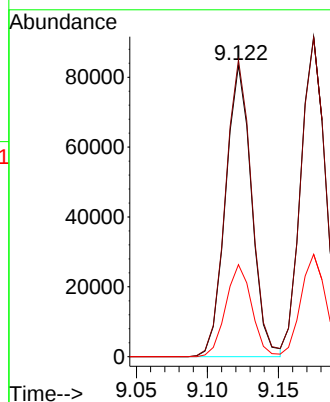
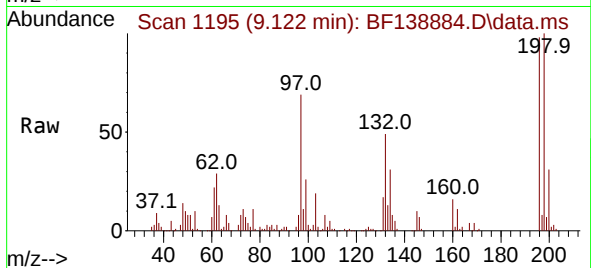
Tgt Ion:196 Resp: 106239

Ion Ratio Lower Upper

196 100

198 101.9 80.5 120.7

200 31.6 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 44.656 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Tgt Ion:196 Resp: 113656

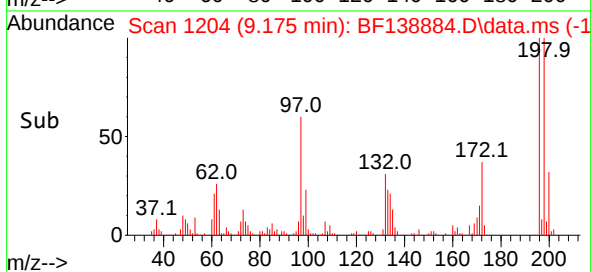
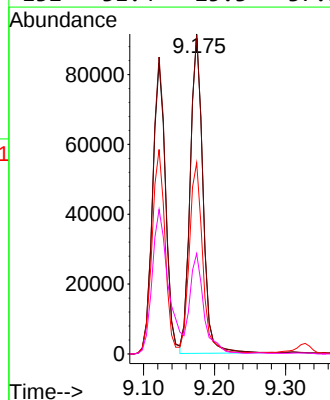
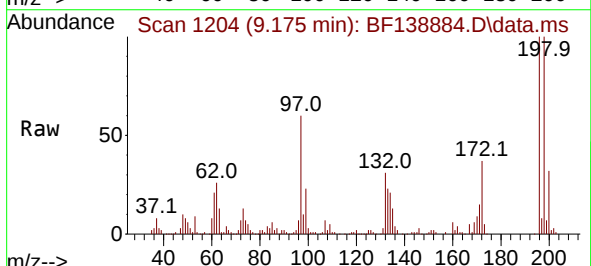
Ion Ratio Lower Upper

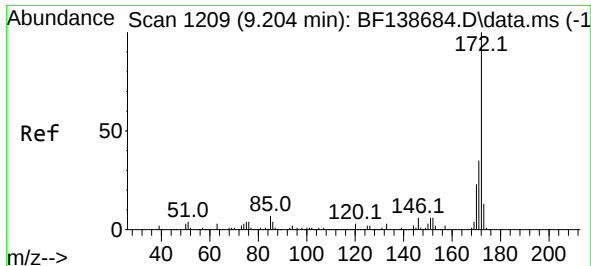
196 100

198 99.6 81.2 121.8

97 59.8 47.8 71.6

132 31.4 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 86.954 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

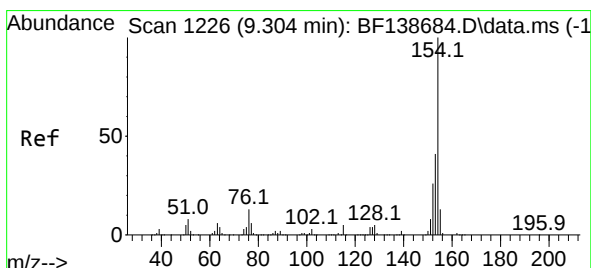
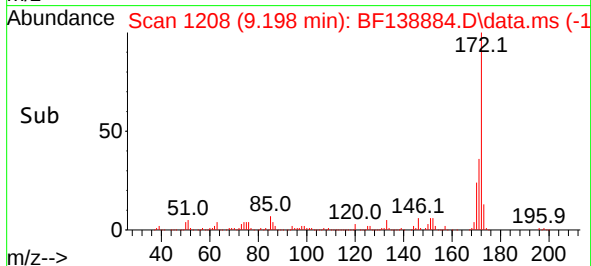
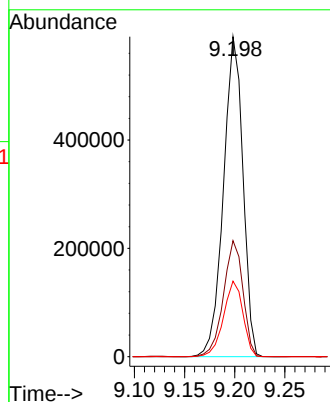
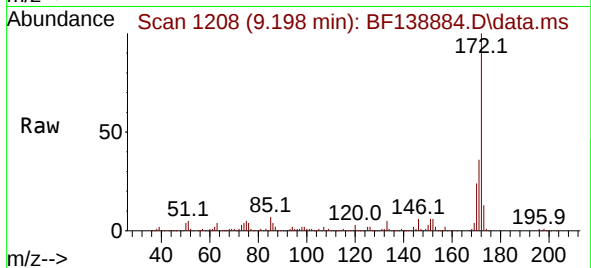
Tgt Ion:172 Resp: 795512

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.6 18.8 28.2



#46

1,1'-Biphenyl

Concen: 41.383 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

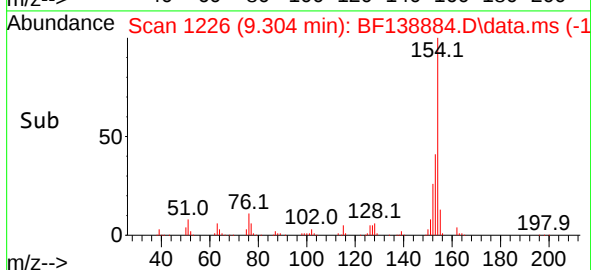
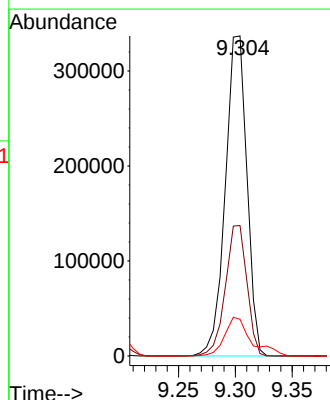
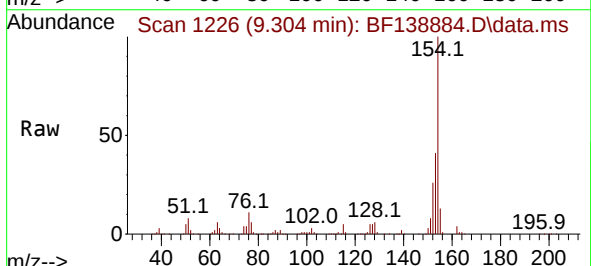
Tgt Ion:154 Resp: 445508

Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 11.5 0.0 32.8





#47

2-Chloronaphthalene

Concen: 43.720 ng

RT: 9.328 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

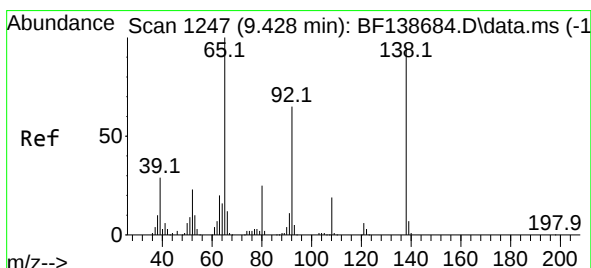
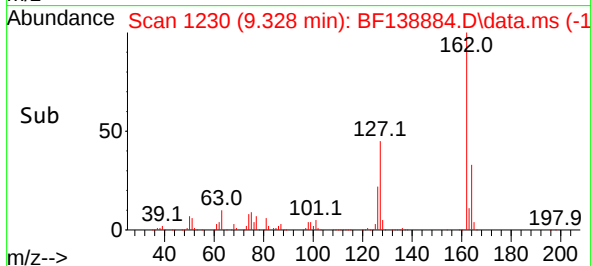
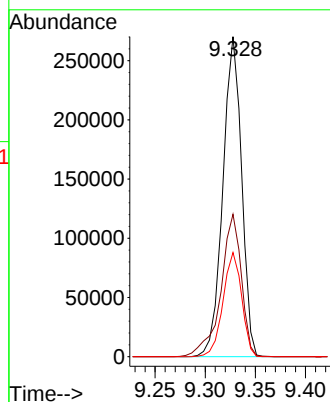
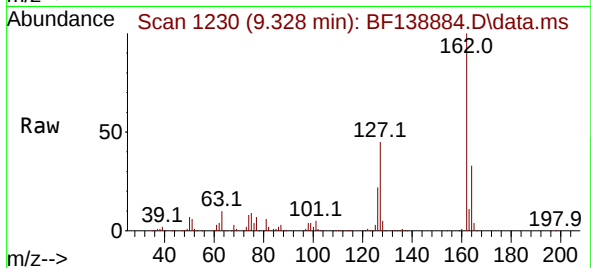
Tgt Ion:162 Resp: 350048

Ion Ratio Lower Upper

162 100

127 44.5 35.4 53.2

164 32.6 25.6 38.4



#48

2-Nitroaniline

Concen: 46.637 ng

RT: 9.434 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

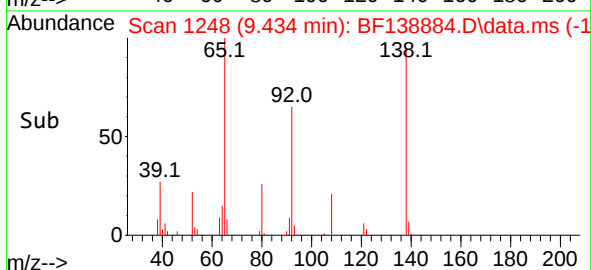
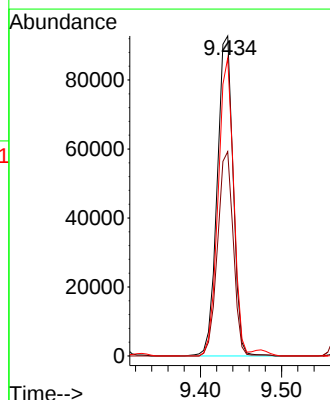
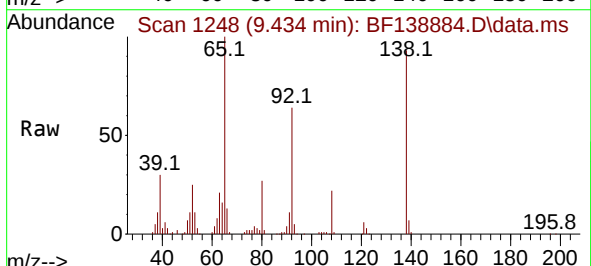
Tgt Ion: 65 Resp: 126588

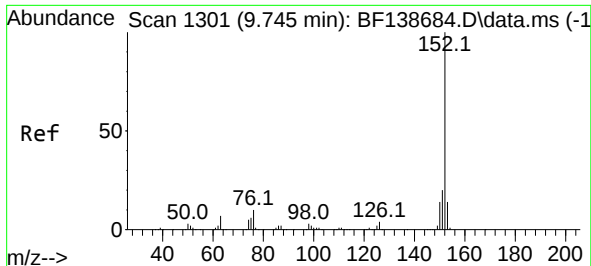
Ion Ratio Lower Upper

65 100

92 63.8 52.0 78.0

138 93.1 76.2 114.4





#49

Acenaphthylene

Concen: 48.769 ng

RT: 9.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

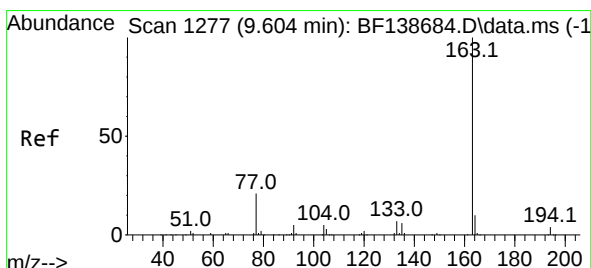
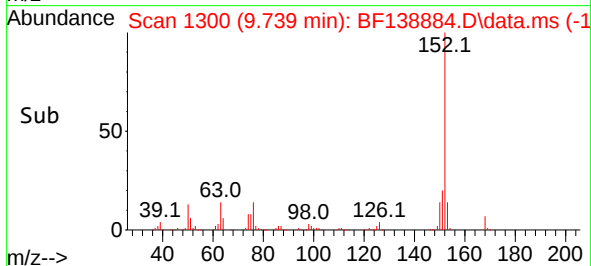
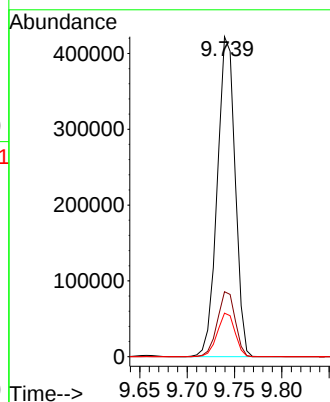
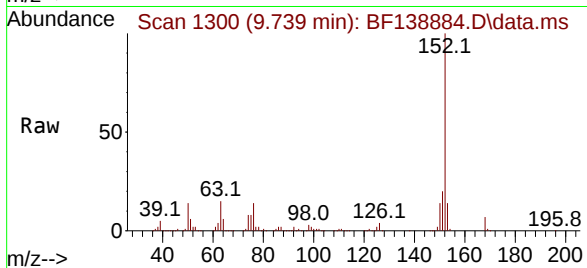
Tgt Ion:152 Resp: 553811

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.6 11.0 16.4



#50

Dimethylphthalate

Concen: 48.785 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

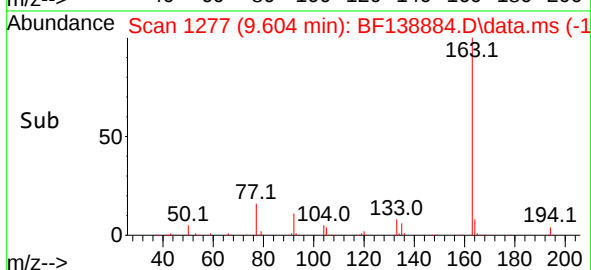
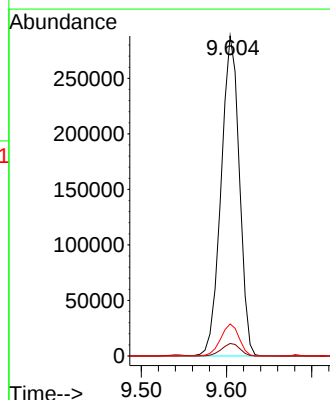
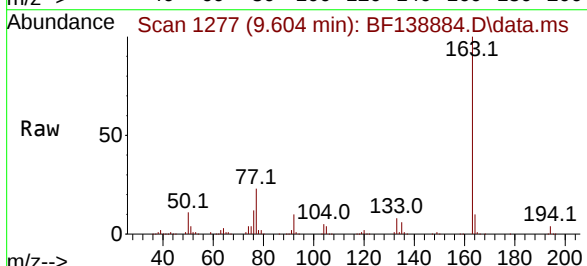
Tgt Ion:163 Resp: 428780

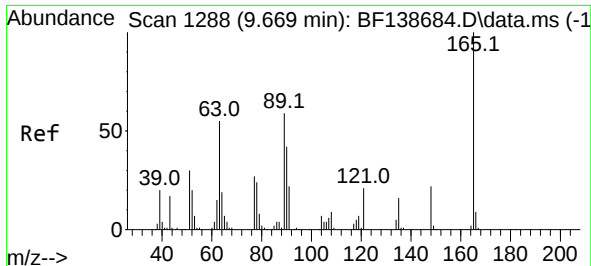
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 45.692 ng

RT: 9.675 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

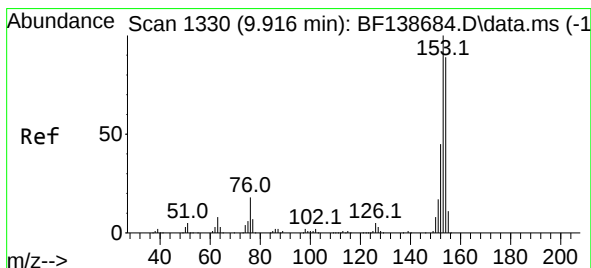
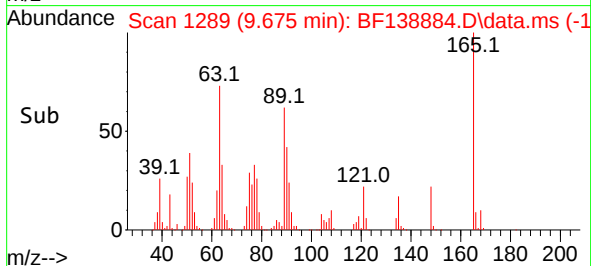
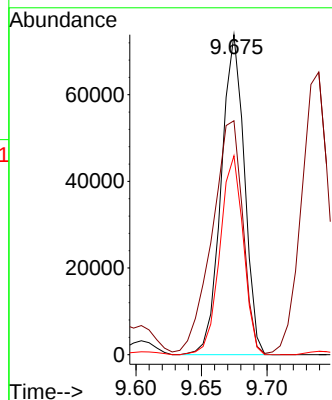
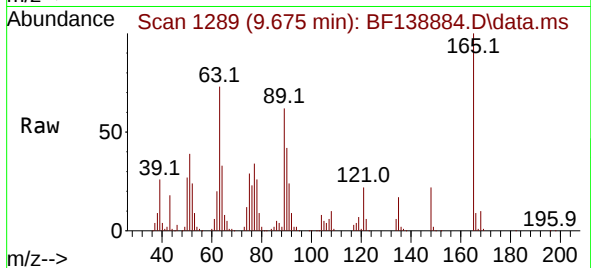
Tgt Ion:165 Resp: 90633

Ion Ratio Lower Upper

165 100

63 73.1 52.0 78.0

89 62.2 47.0 70.6



#52

Acenaphthene

Concen: 44.313 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

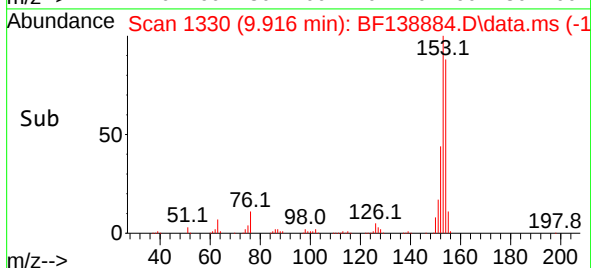
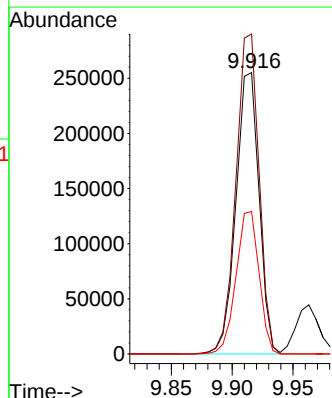
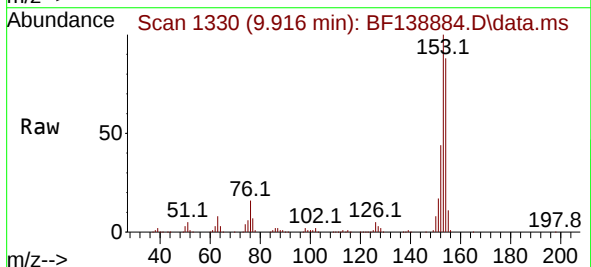
Tgt Ion:154 Resp: 338264

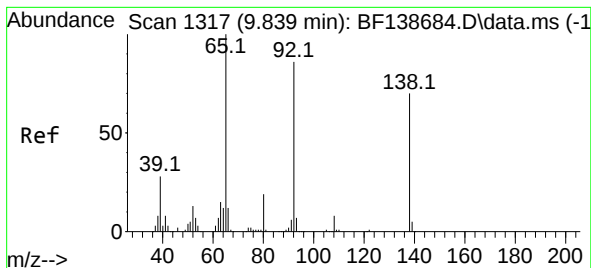
Ion Ratio Lower Upper

154 100

153 113.7 89.9 134.9

152 50.6 40.6 60.8





#53

3-Nitroaniline

Concen: 30.016 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

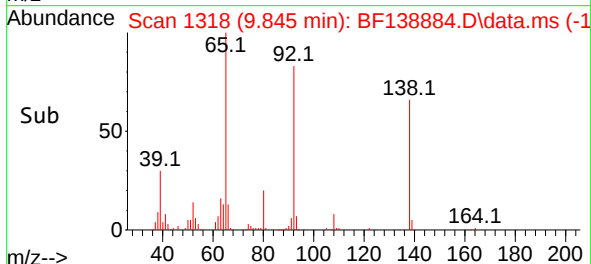
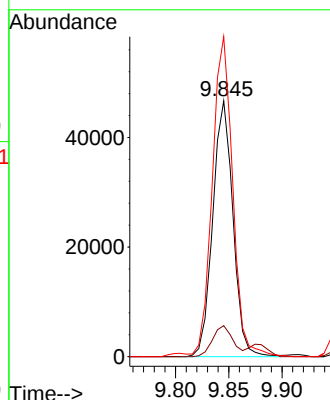
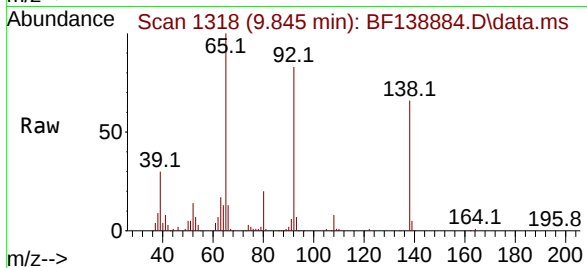
Tgt Ion:138 Resp: 61549

Ion Ratio Lower Upper

138 100

108 12.1 9.1 13.7

92 125.1 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 93.870 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

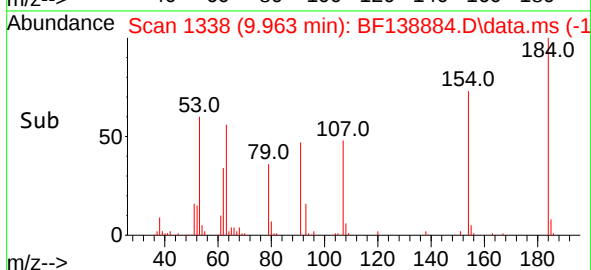
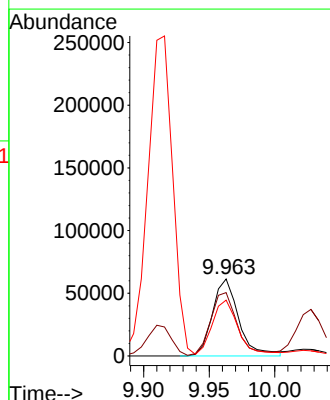
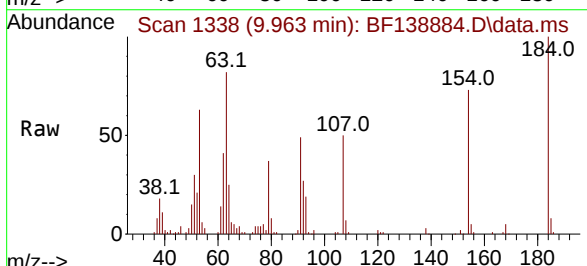
Tgt Ion:184 Resp: 85713

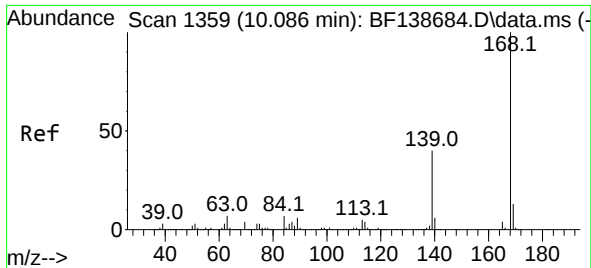
Ion Ratio Lower Upper

184 100

63 82.3 57.5 86.3

154 72.5 51.7 77.5

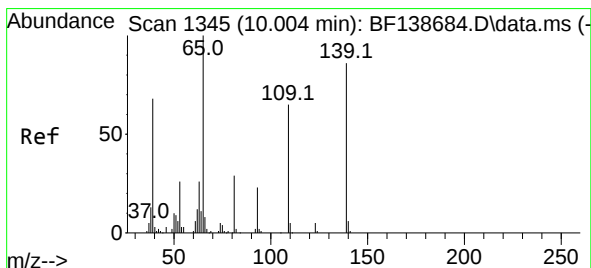
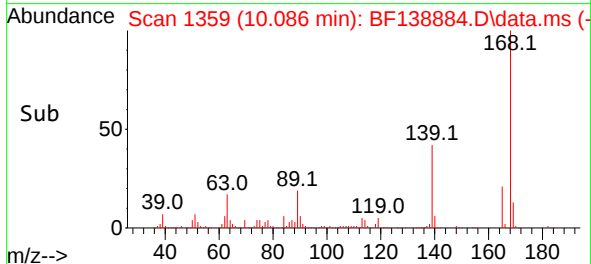
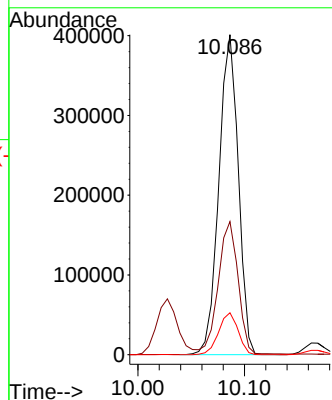
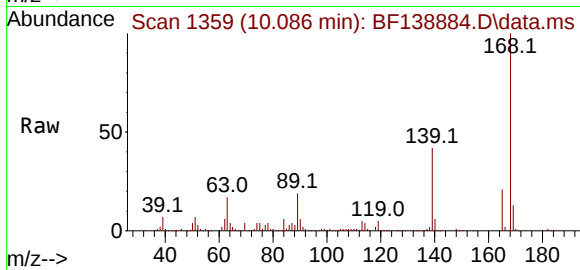




#55
Dibenzofuran
Concen: 47.070 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

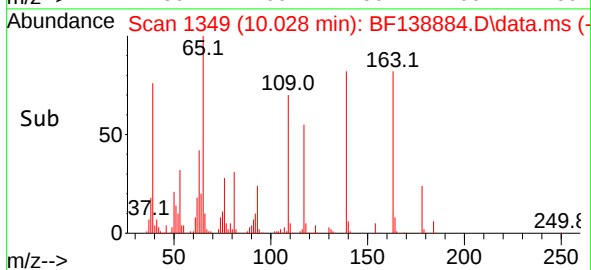
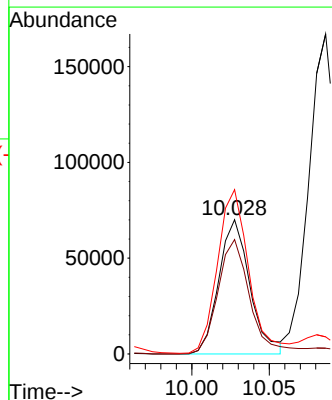
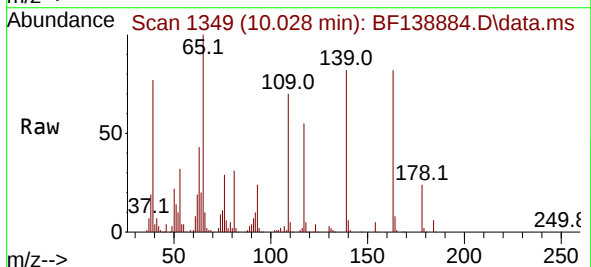
Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion:168 Resp: 507209
Ion Ratio Lower Upper
168 100
139 41.6 32.6 49.0
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 79.575 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

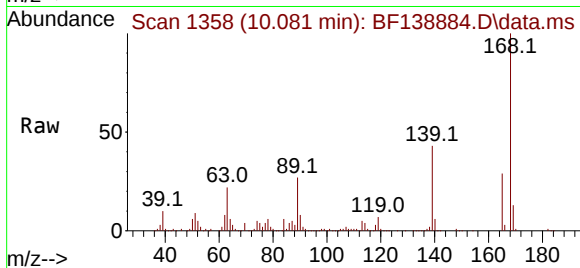
Tgt Ion:139 Resp: 98124
Ion Ratio Lower Upper
139 100
109 85.2 55.5 95.5
65 122.4 96.7 136.7



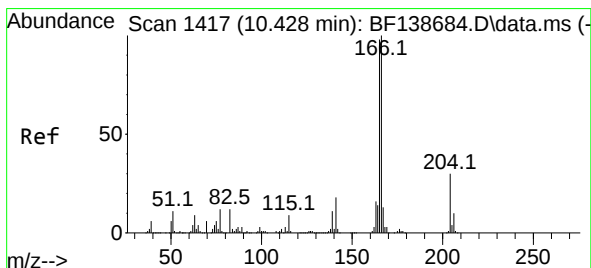
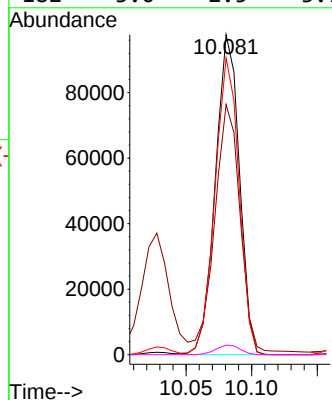
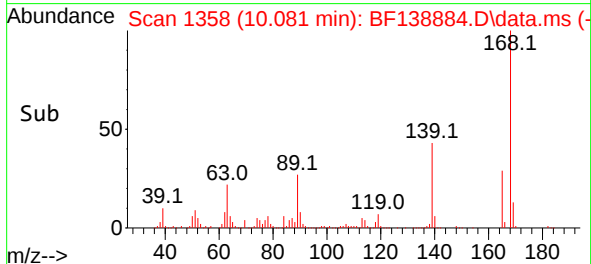


#57
2,4-Dinitrotoluene
Concen: 49.154 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :
BNA_F
ClientSampleId :
PB162423BS

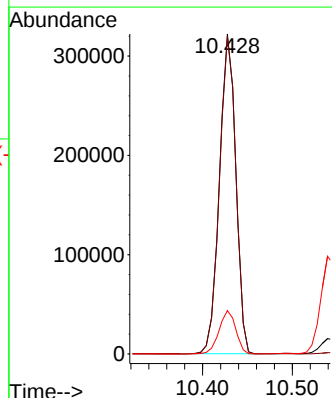
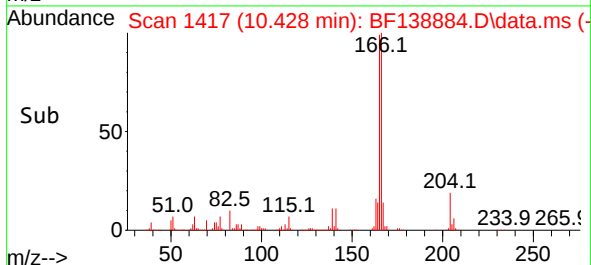
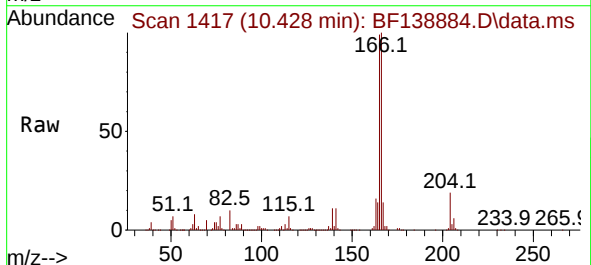


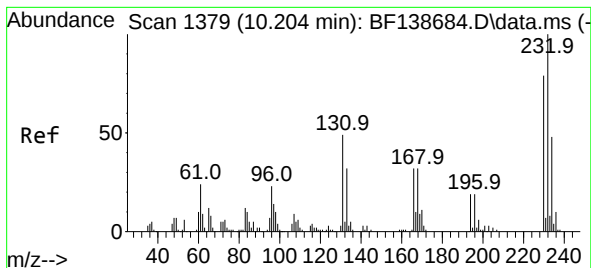
Tgt Ion:165 Resp: 124396
Ion Ratio Lower Upper
165 100
63 78.2 46.3 69.5#
89 92.7 64.2 96.4
182 3.0 2.5 3.7



#58
Fluorene
Concen: 47.570 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:166 Resp: 408201
Ion Ratio Lower Upper
166 100
165 99.2 78.4 117.6
167 13.6 10.6 16.0

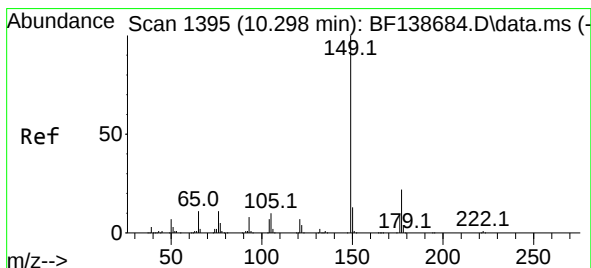
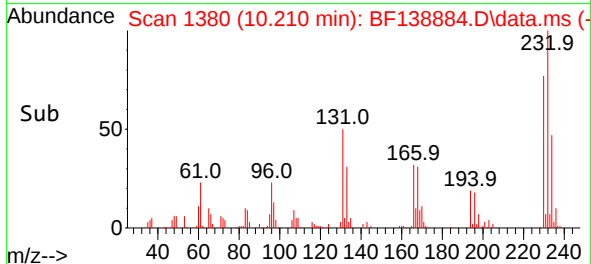
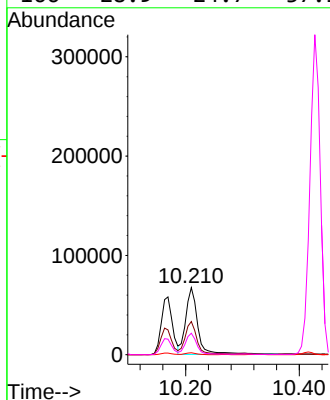
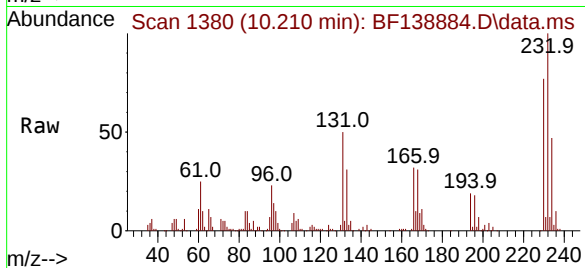




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.576 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

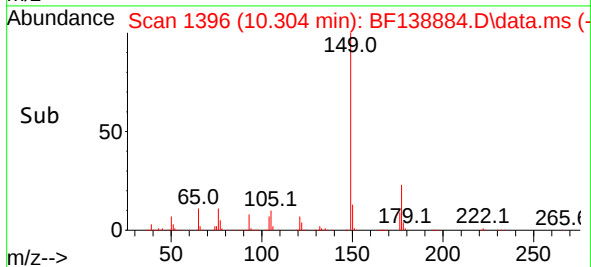
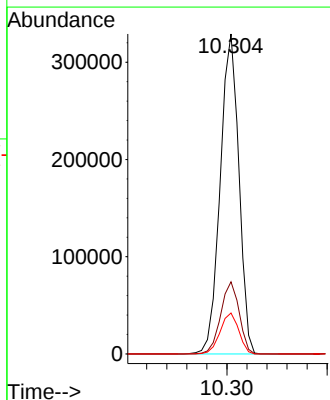
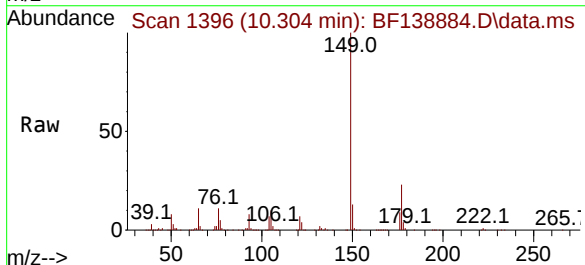
Instrument :
BNA_F
ClientSampleId :
PB162423BS

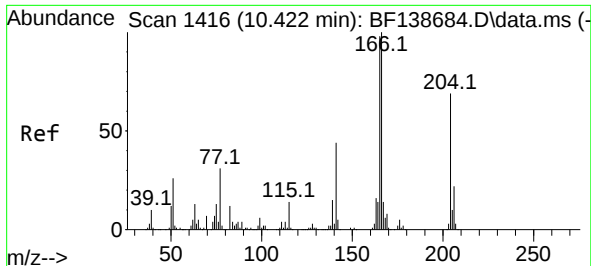
Tgt Ion:232 Resp: 98411
Ion Ratio Lower Upper
232 100
131 48.1 37.0 55.4
130 2.6 2.0 3.0
166 28.9 24.7 37.1



#60
Diethylphthalate
Concen: 50.866 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:149 Resp: 423903
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.8 10.1 15.1

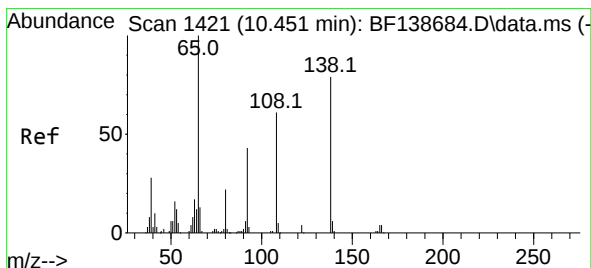
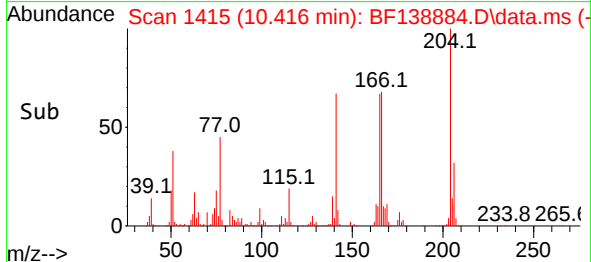
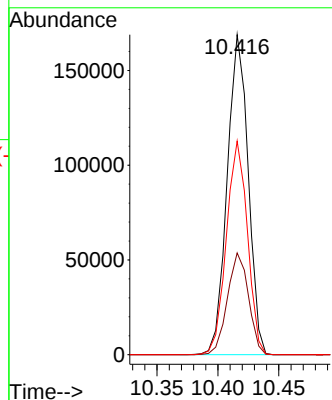
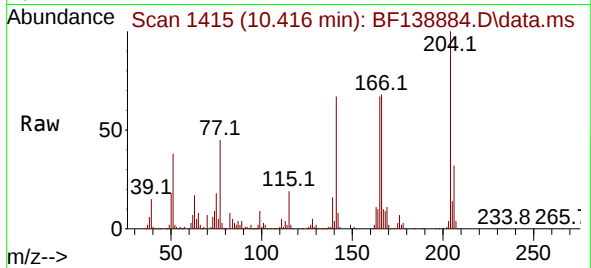




#61
4-Chlorophenyl-phenylether
Concen: 47.970 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

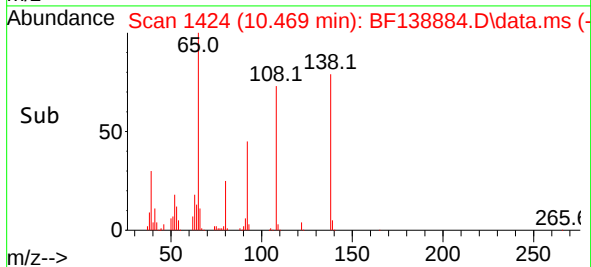
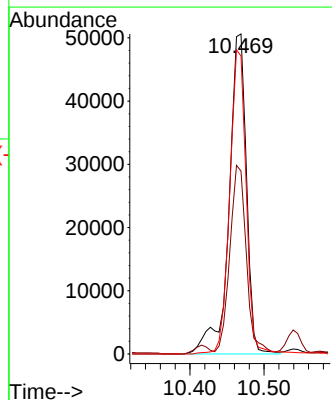
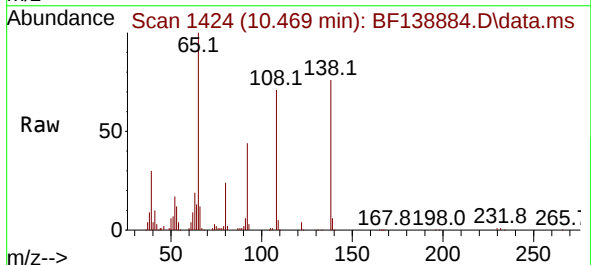
Instrument :
BNA_F
ClientSampleId :
PB162423BS

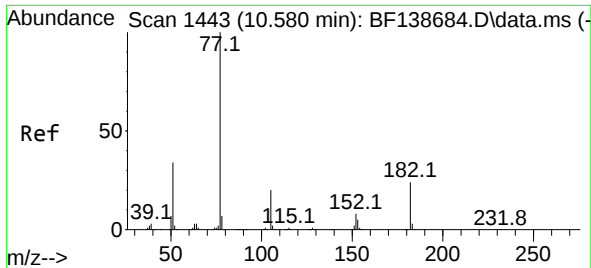
Tgt Ion:204 Resp: 202449
Ion Ratio Lower Upper
204 100
206 31.8 26.1 39.1
141 66.8 51.4 77.0



#62
4-Nitroaniline
Concen: 42.622 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.018 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:138 Resp: 83056
Ion Ratio Lower Upper
138 100
92 57.2 34.2 74.2
108 93.1 56.2 96.2

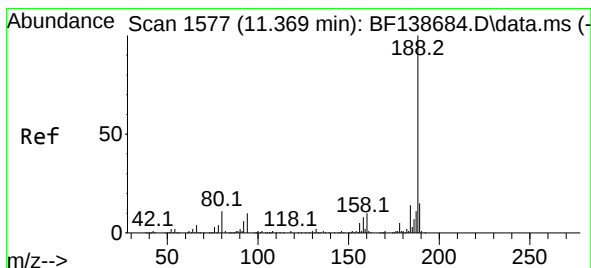
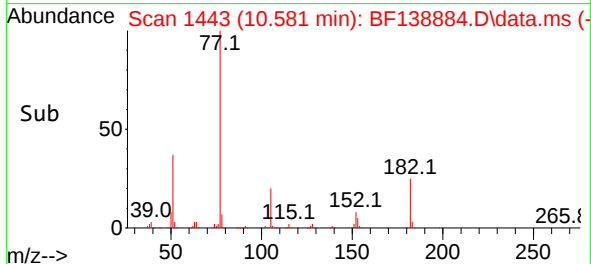
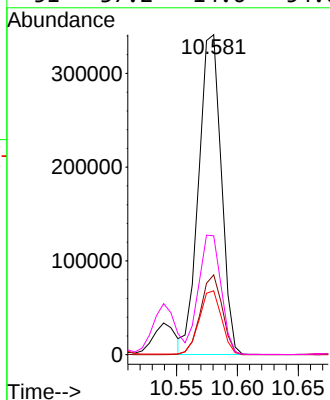
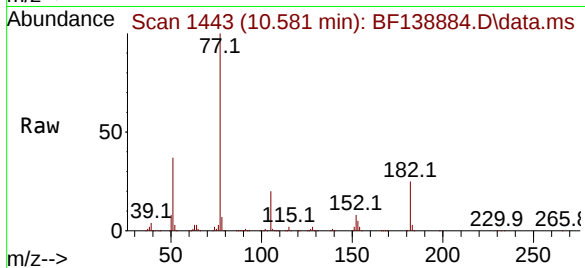




#63
 Azobenzene
 Concen: 47.686 ng
 RT: 10.581 min Scan# 1443
 Delta R.T. 0.000 min
 Lab File: BF138884.D
 Acq: 09 Aug 2024 12:23

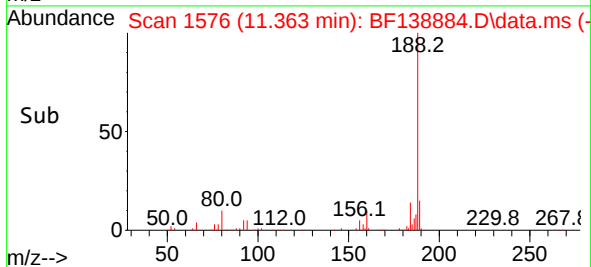
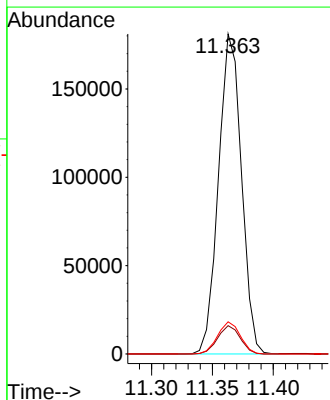
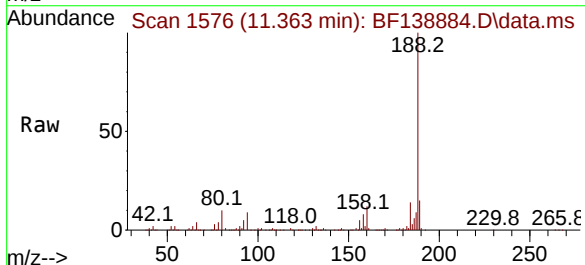
Instrument :
 BNA_F
 ClientSampleId :
 PB162423BS

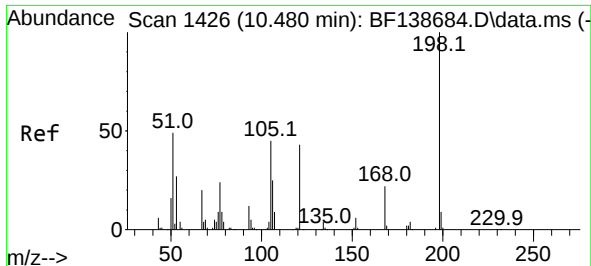
Tgt Ion: 77	Resp: 440756
Ion Ratio	Lower Upper
77 100	
182 24.9	3.4 43.4
105 19.9	0.2 40.2
51 37.2	14.6 54.6



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.363 min Scan# 1576
 Delta R.T. -0.006 min
 Lab File: BF138884.D
 Acq: 09 Aug 2024 12:23

Tgt Ion:188	Resp: 237762
Ion Ratio	Lower Upper
188 100	
94 8.8	7.6 11.4
80 10.0	8.6 12.8

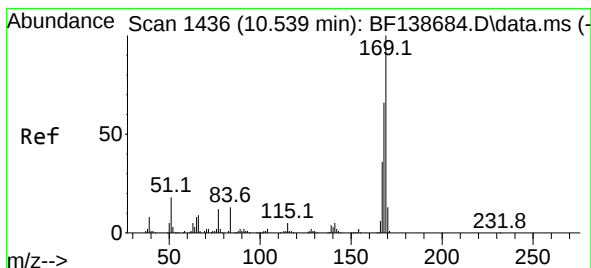
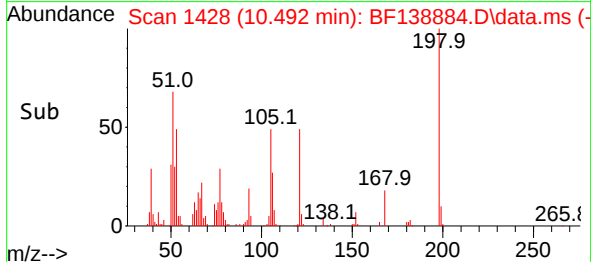
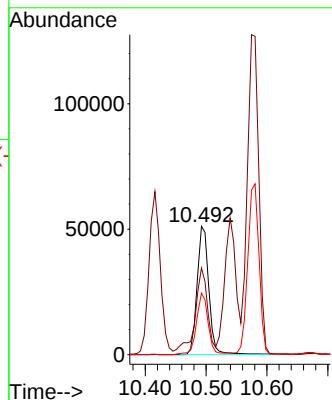
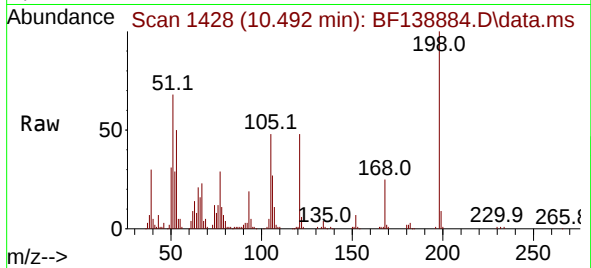




#65
4,6-Dinitro-2-methylphenol
Concen: 47.590 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

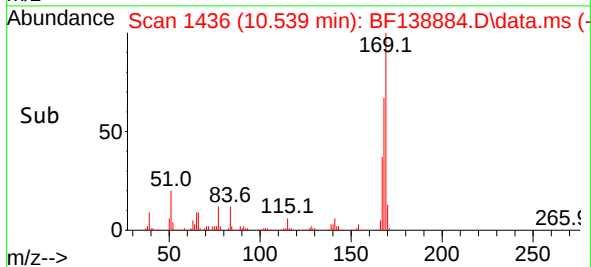
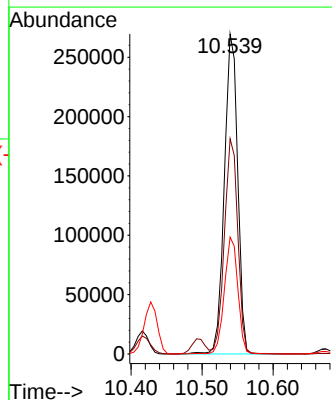
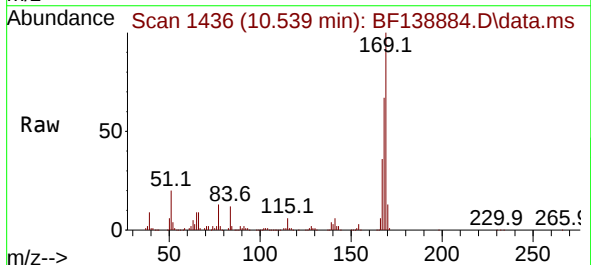
Instrument :
BNA_F
ClientSampleId :
PB162423BS

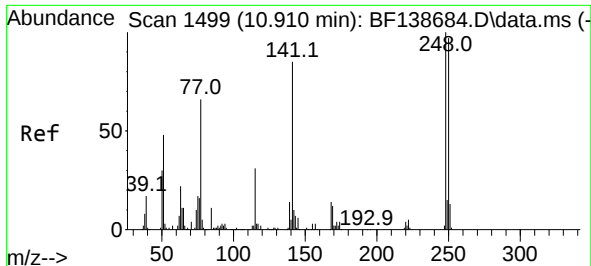
Tgt Ion:198 Resp: 69032
Ion Ratio Lower Upper
198 100
51 67.6 39.9 79.9
105 48.1 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 47.130 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:169 Resp: 350266
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.6
167 36.5 29.0 43.6

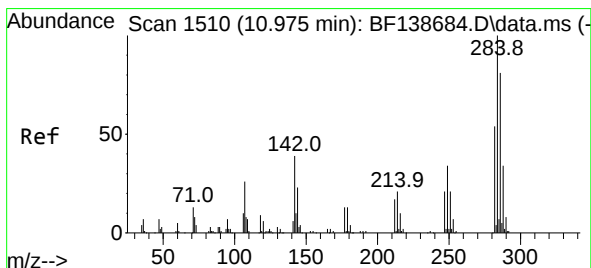
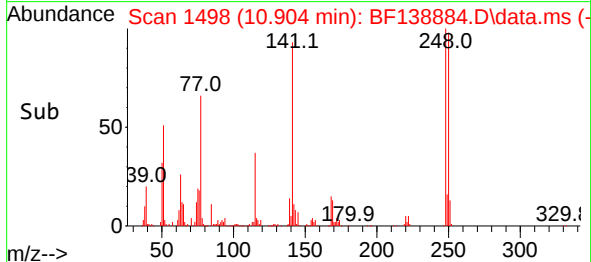
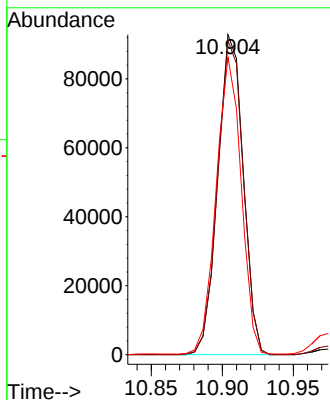
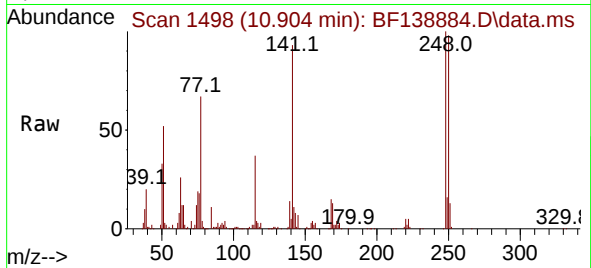




#67
4-Bromophenyl-phenylether
Concen: 45.055 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

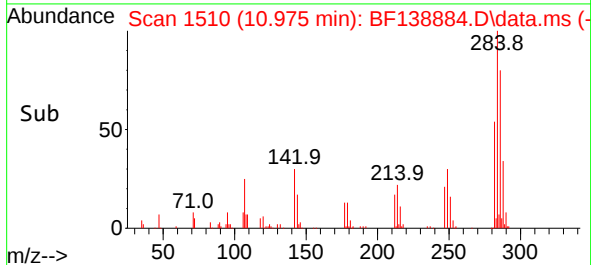
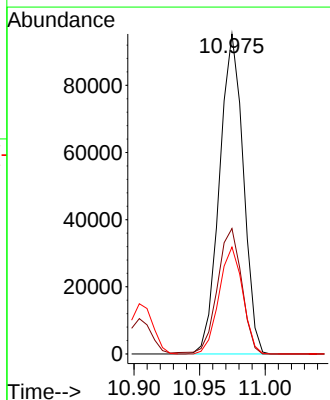
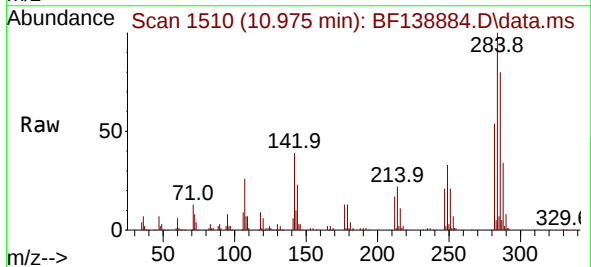
Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion:248 Resp: 115981
Ion Ratio Lower Upper
248 100
250 98.1 77.7 116.5
141 93.0 68.0 102.0



#68
Hexachlorobenzene
Concen: 45.182 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:284 Resp: 120090
Ion Ratio Lower Upper
284 100
142 39.2 31.3 46.9
249 33.4 27.2 40.8





#69

Atrazine

Concen: 54.784 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

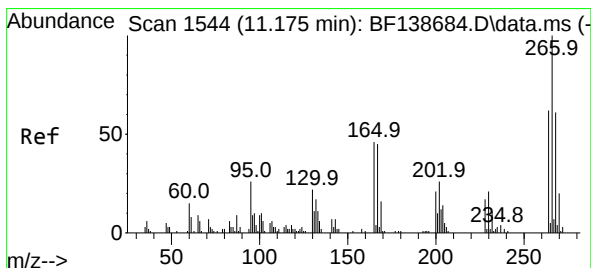
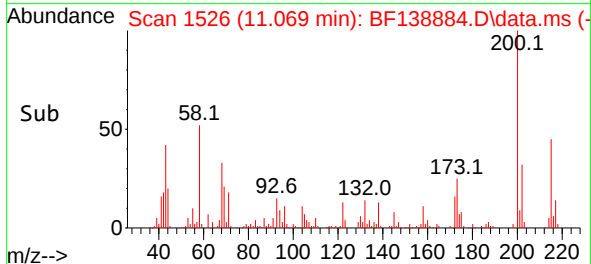
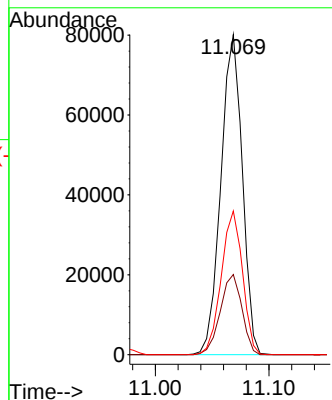
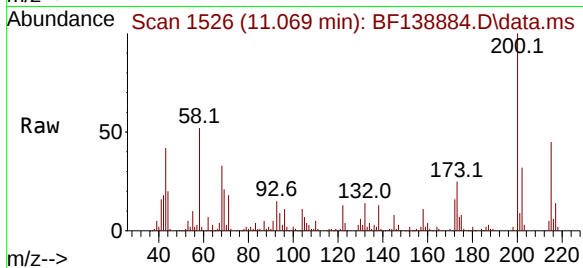
Tgt Ion:200 Resp: 105046

Ion Ratio Lower Upper

200 100

173 25.1 6.0 46.0

215 44.9 26.1 66.1



#70

Pentachlorophenol

Concen: 79.657 ng

RT: 11.180 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

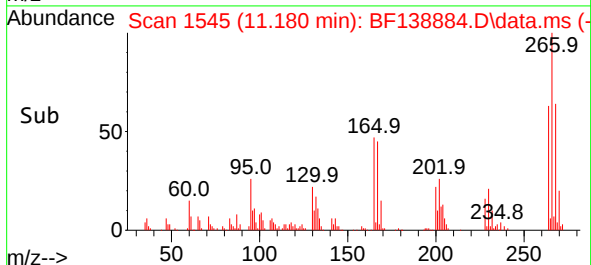
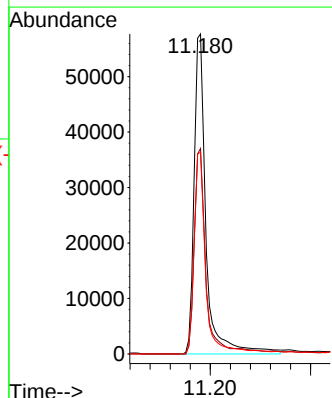
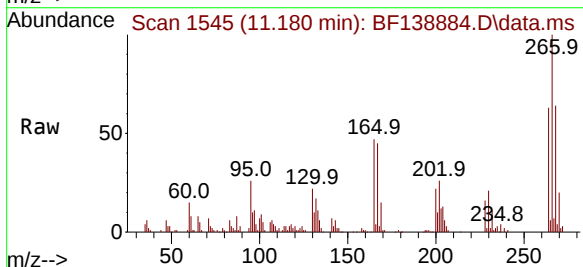
Tgt Ion:266 Resp: 95431

Ion Ratio Lower Upper

266 100

268 64.2 49.2 73.8

264 63.0 49.8 74.6

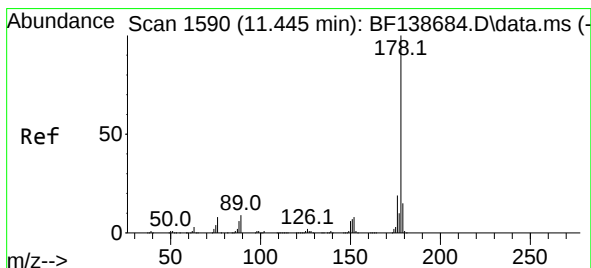
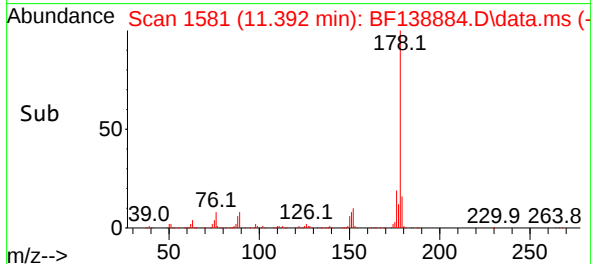
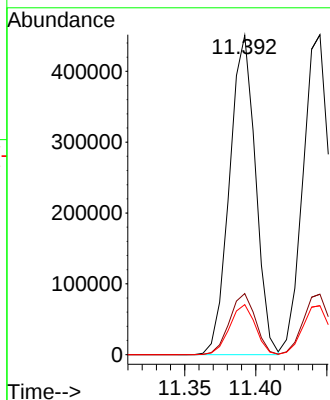
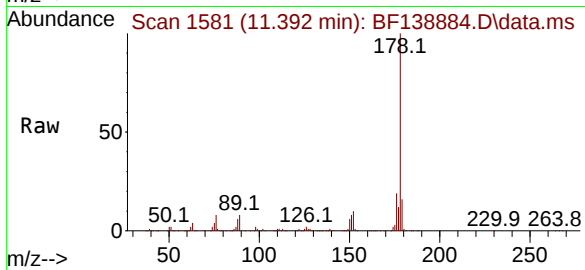




#71
Phenanthrene
Concen: 46.796 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

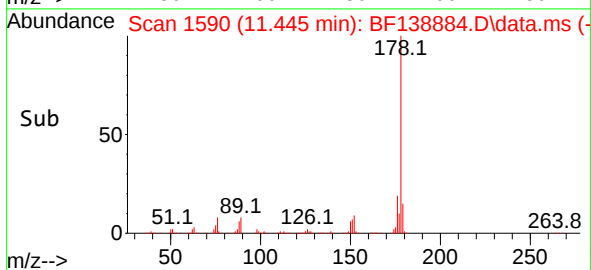
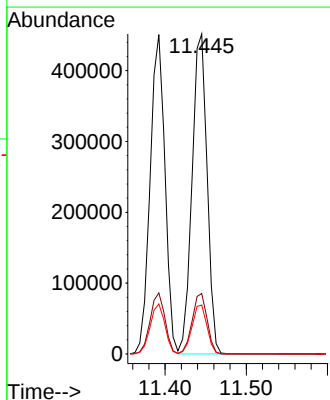
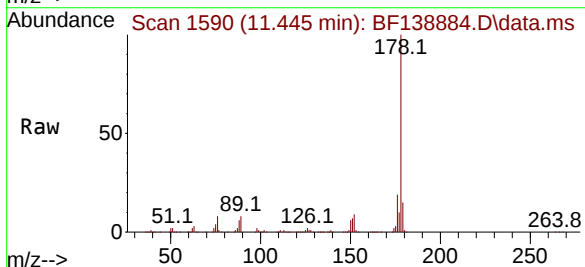
Instrument :
BNA_F
ClientSampleId :
PB162423BS

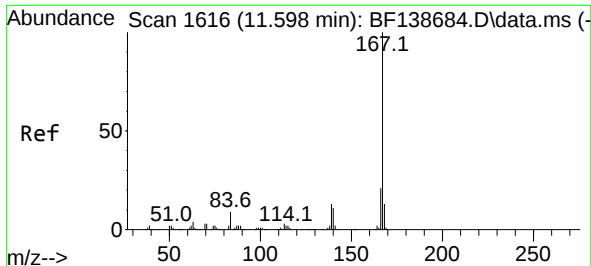
Tgt Ion:178 Resp: 572920
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.7 12.2 18.2



#72
Anthracene
Concen: 48.311 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:178 Resp: 582679
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.3 12.4 18.6

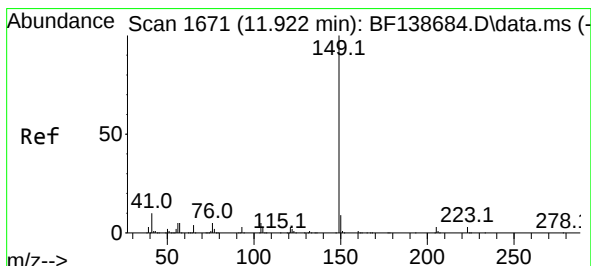
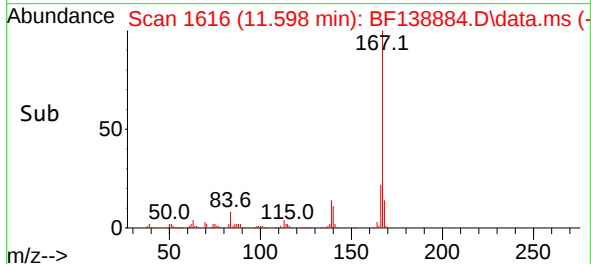
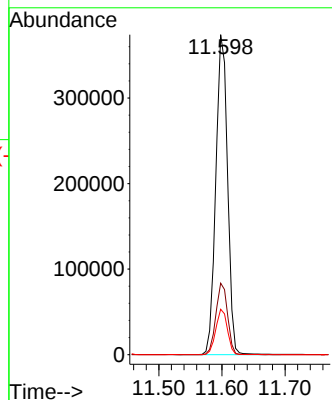
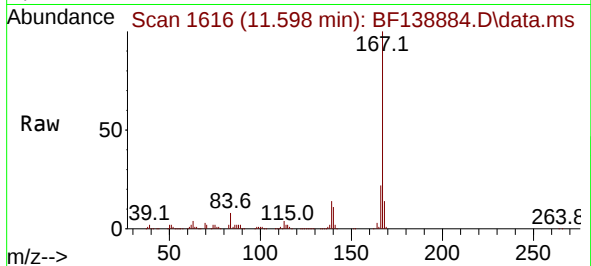




#73
 Carbazole
 Concen: 46.329 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138884.D
 Acq: 09 Aug 2024 12:23

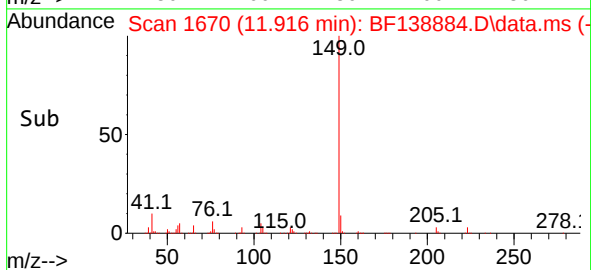
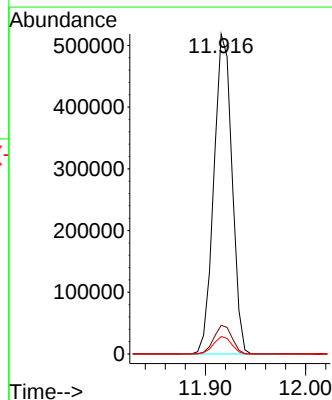
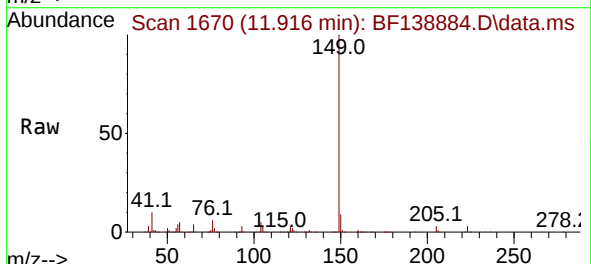
Instrument :
 BNA_F
 ClientSampleId :
 PB162423BS

Tgt Ion:167 Resp: 482080
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.2 25.8
 139 14.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 55.627 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138884.D
 Acq: 09 Aug 2024 12:23

Tgt Ion:149 Resp: 650691
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.5 4.1 6.1

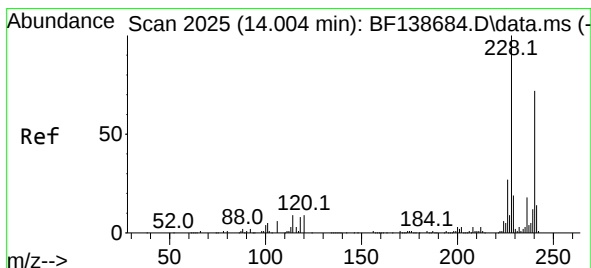
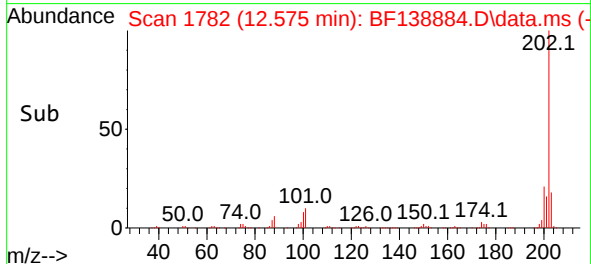
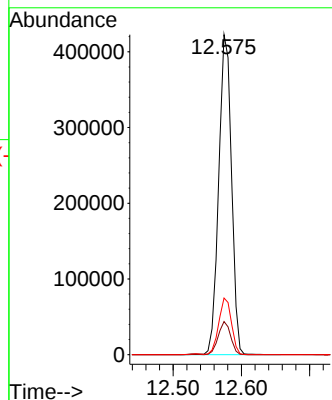
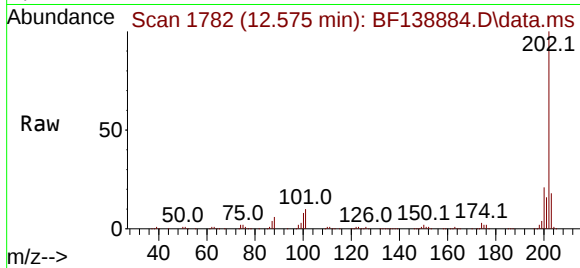




#75
Fluoranthene
Concen: 48.278 ng
RT: 12.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

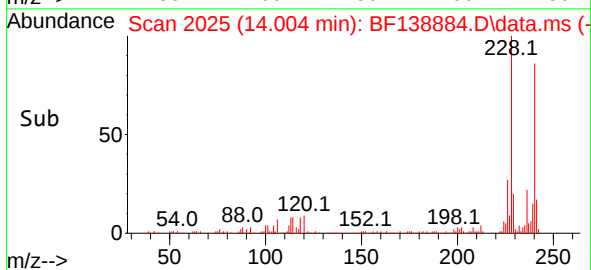
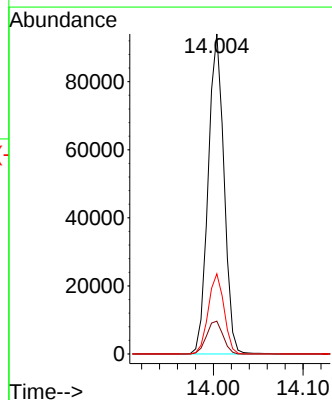
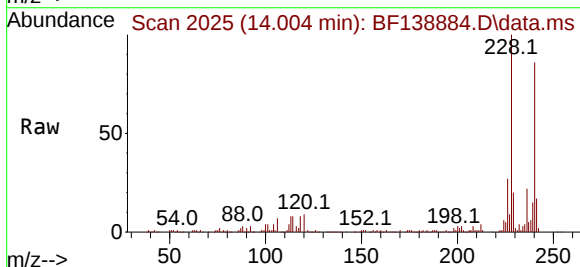
Instrument :
BNA_F
ClientSampleId :
PB162423BS

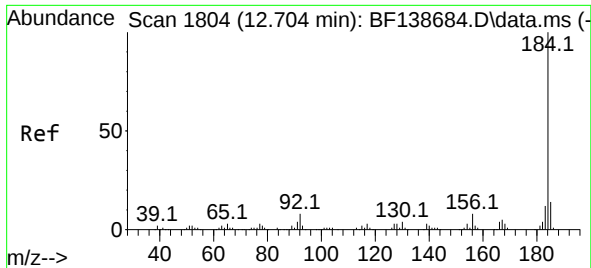
Tgt Ion:202 Resp: 551788
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.2
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:240 Resp: 114847
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 25.1 19.8 29.8

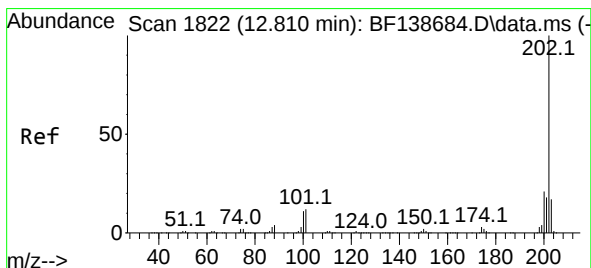
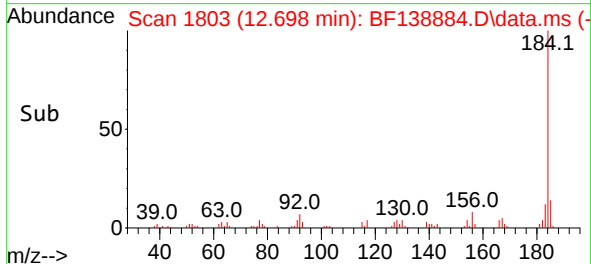
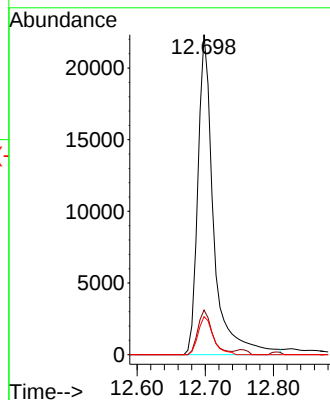
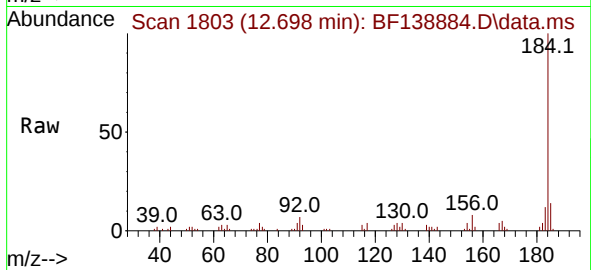




#77
Benzidine
Concen: 13.044 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

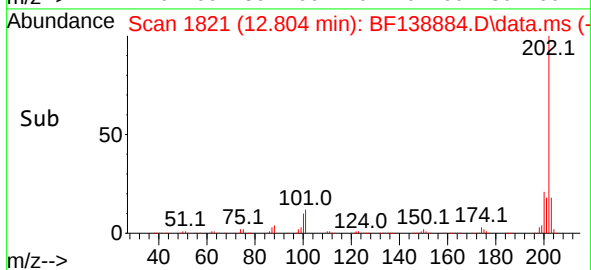
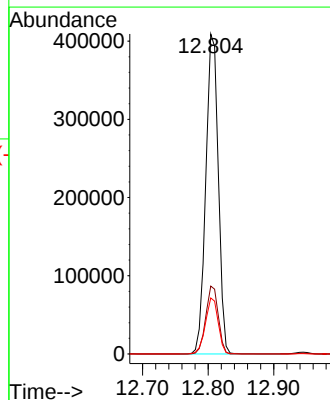
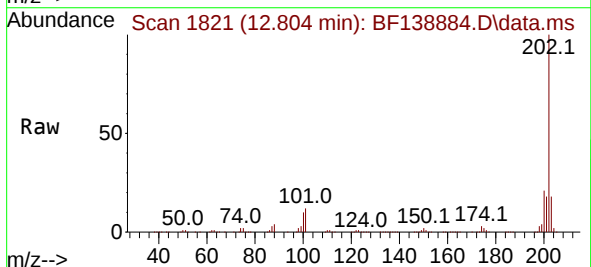
Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion:184 Resp: 35832
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 11.9 9.6 14.4



#78
Pyrene
Concen: 50.298 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:202 Resp: 543880
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 117.532 ng

RT: 12.945 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

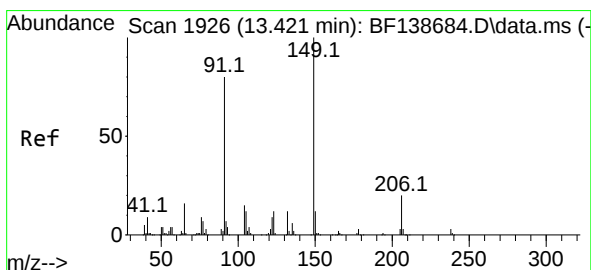
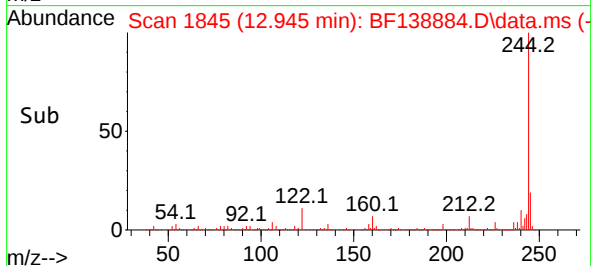
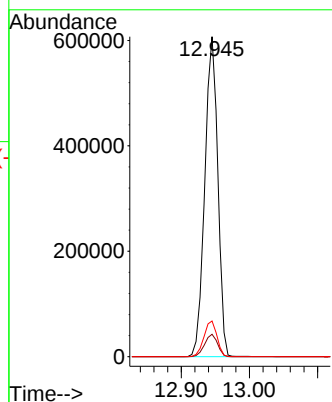
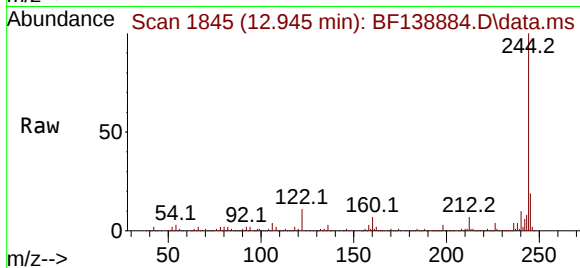
Tgt Ion:244 Resp: 806212

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.1 9.6 14.4



#80

Butylbenzylphthalate

Concen: 57.273 ng

RT: 13.416 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

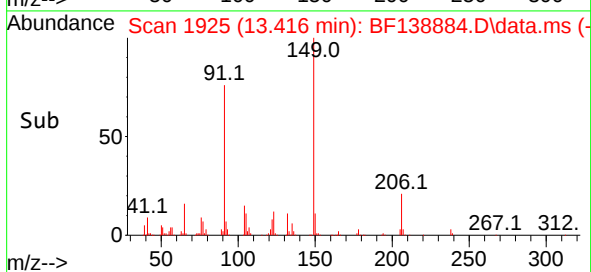
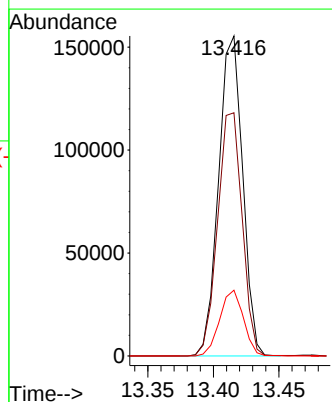
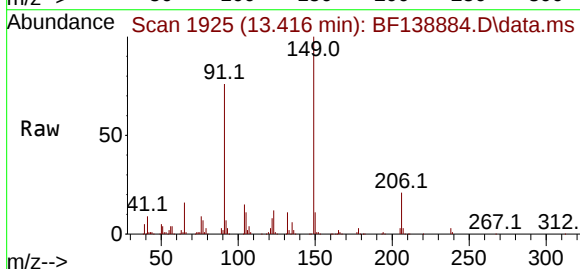
Tgt Ion:149 Resp: 198317

Ion Ratio Lower Upper

149 100

91 76.0 63.7 95.5

206 20.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 46.778 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

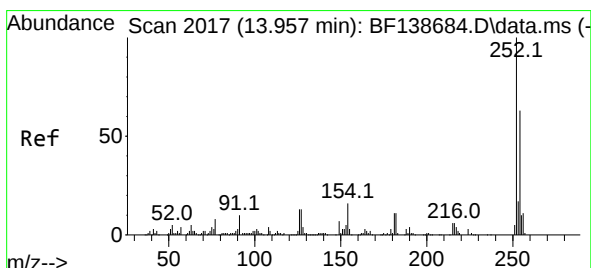
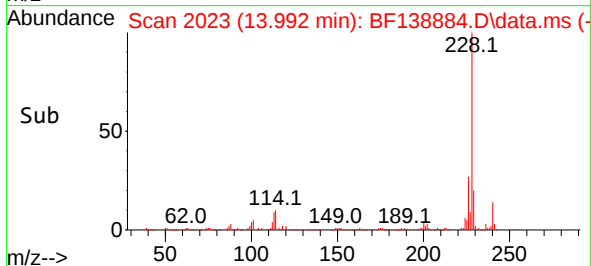
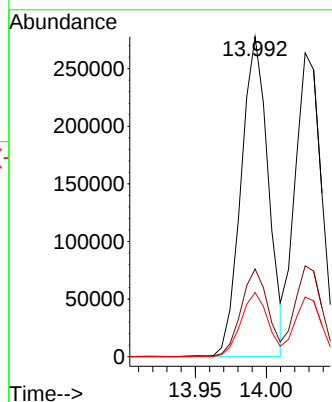
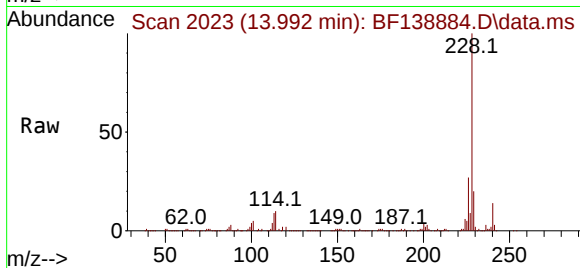
Tgt Ion:228 Resp: 369948

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.0 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 33.140 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

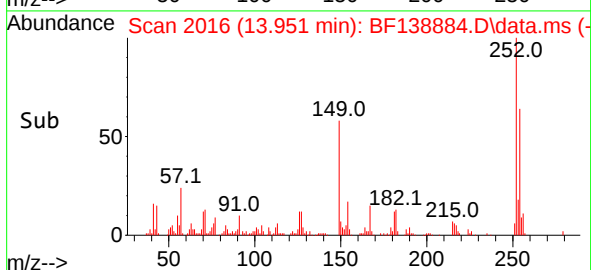
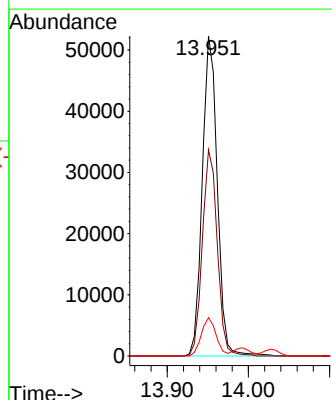
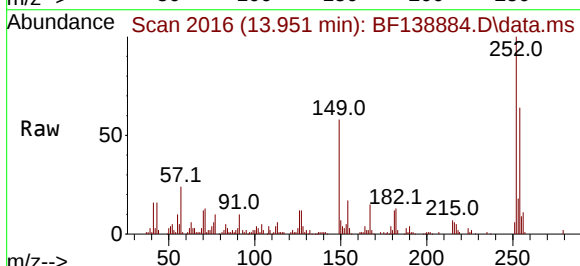
Tgt Ion:252 Resp: 67070

Ion Ratio Lower Upper

252 100

254 64.5 50.8 76.2

126 11.9 10.2 15.2





#83

Chrysene

Concen: 47.539 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

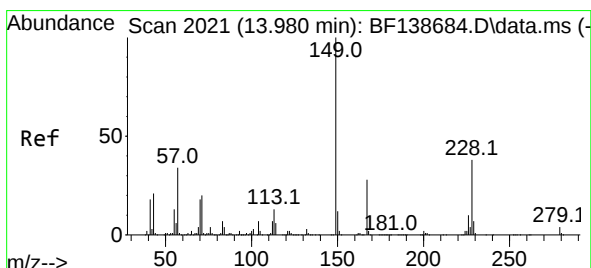
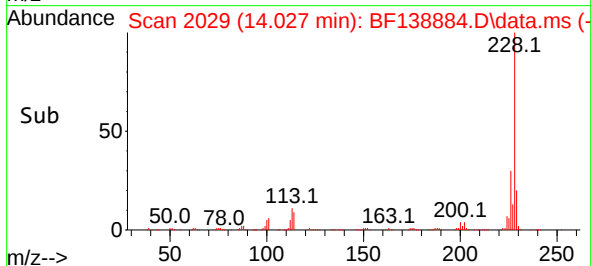
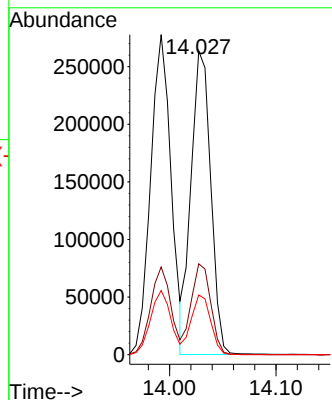
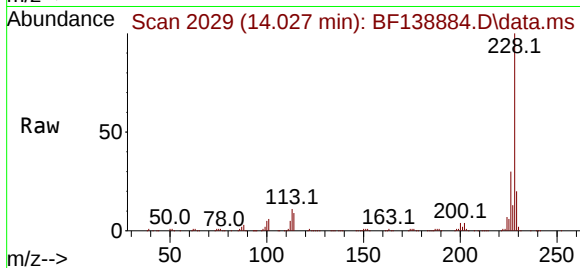
Tgt Ion:228 Resp: 339194

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

229 19.7 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.582 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

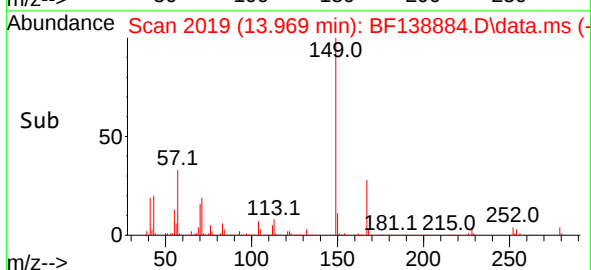
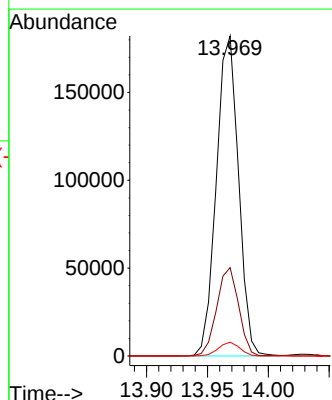
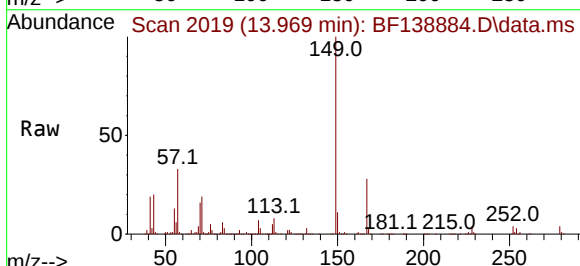
Tgt Ion:149 Resp: 231124

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 38.536 ng

RT: 14.574 min Scan# 2122

Delta R.T. -0.018 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

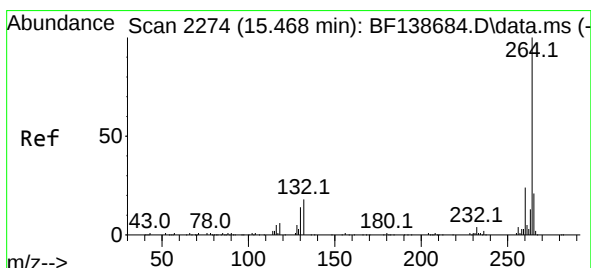
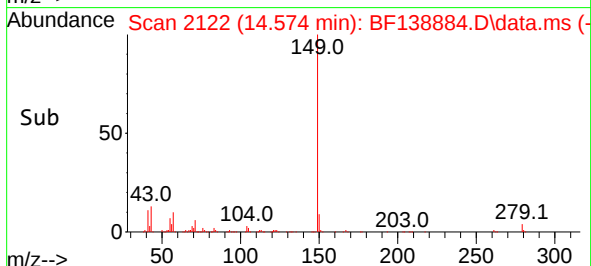
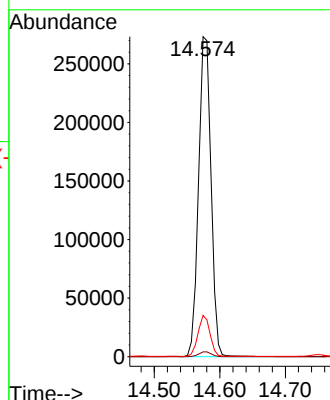
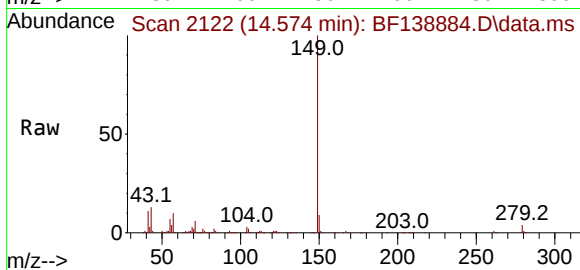
Tgt Ion:149 Resp: 361521

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 12.2 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

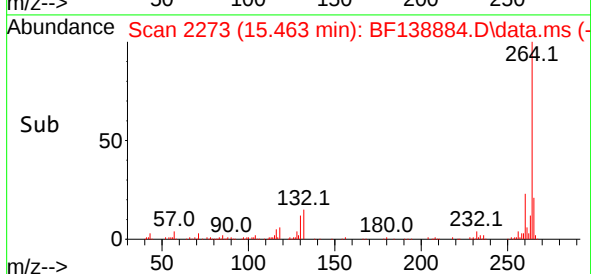
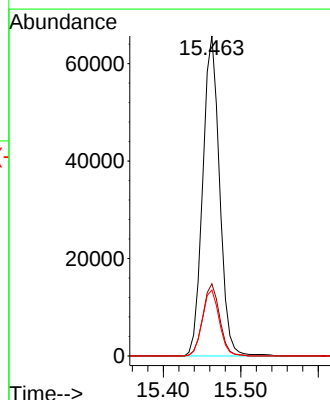
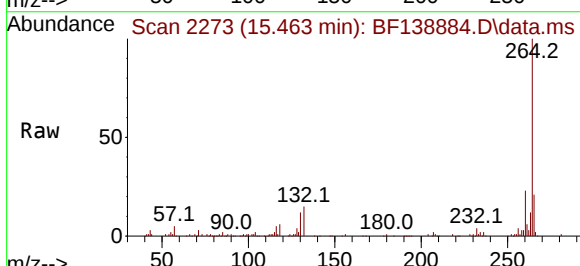
Tgt Ion:264 Resp: 99135

Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.6

265 20.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.674 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

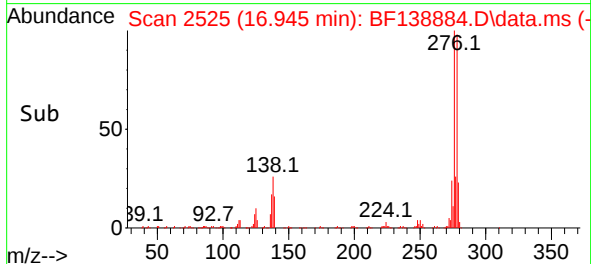
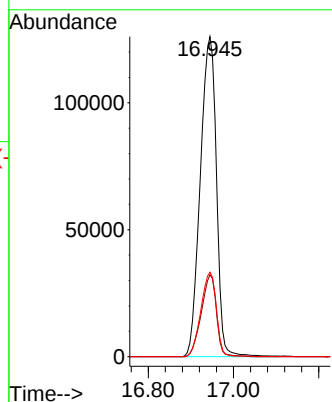
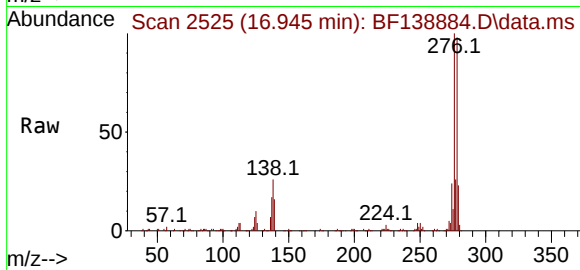
Tgt Ion:276 Resp: 331590

Ion Ratio Lower Upper

276 100

138 23.8 21.8 32.8

277 25.4 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 48.202 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

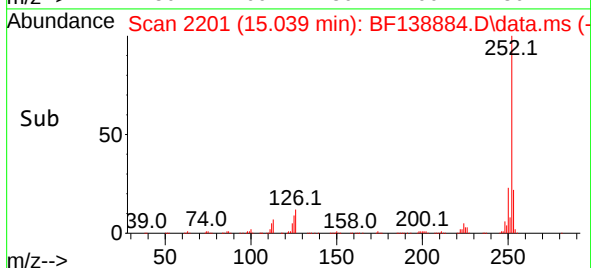
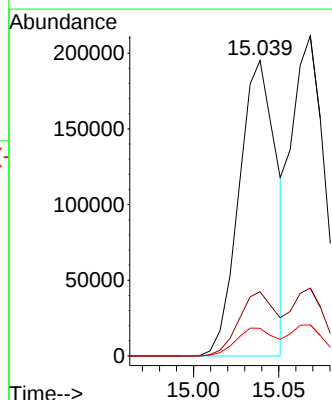
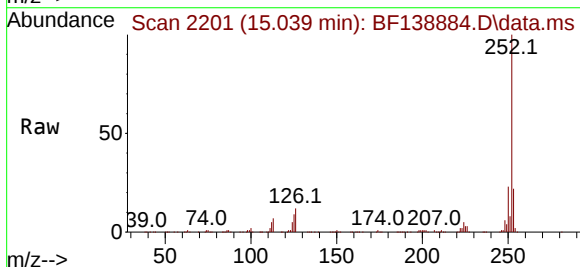
Tgt Ion:252 Resp: 296222

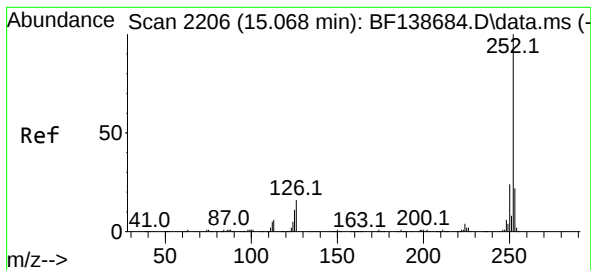
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 53.198 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

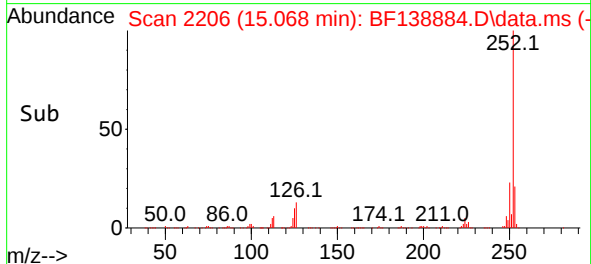
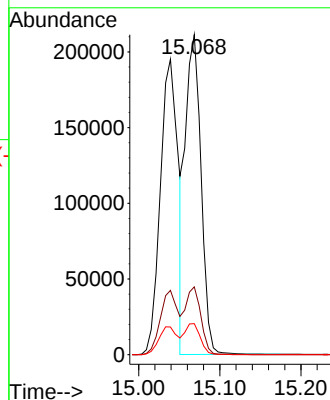
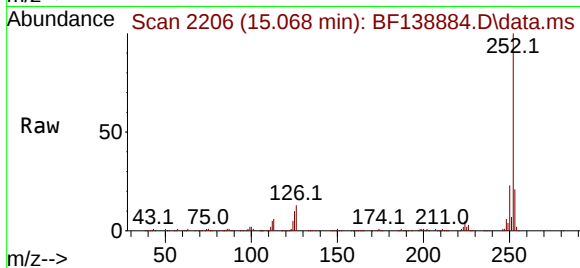
Tgt Ion:252 Resp: 283055

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 9.7 8.6 13.0



#90

Benzo(a)pyrene

Concen: 52.350 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

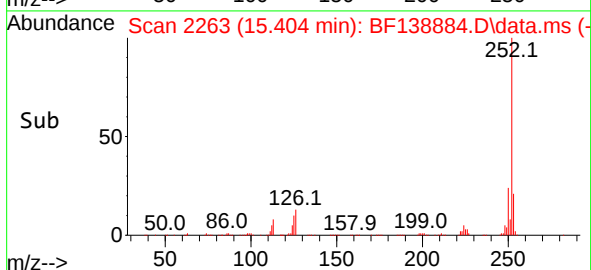
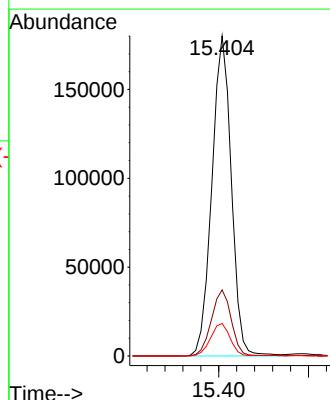
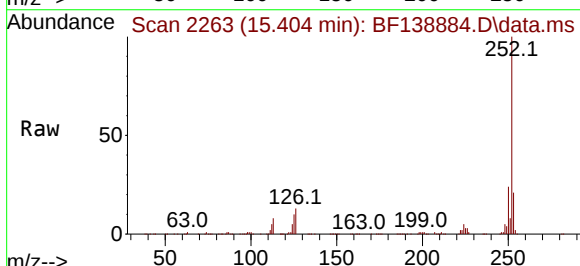
Tgt Ion:252 Resp: 270607

Ion Ratio Lower Upper

252 100

253 20.6 17.3 25.9

125 10.1 9.5 14.3

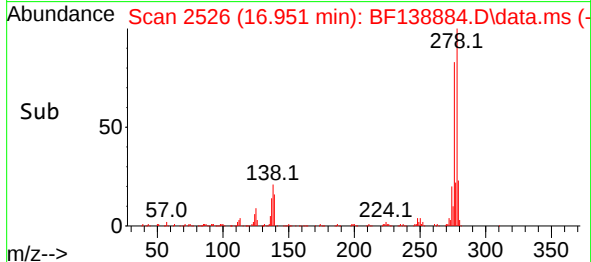
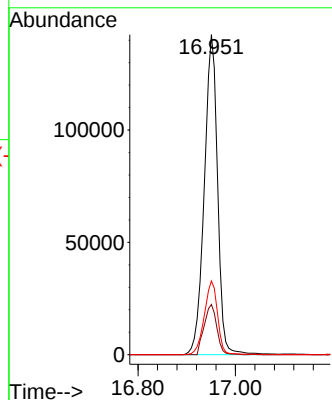
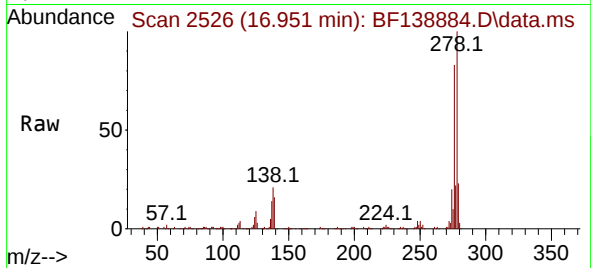




#91
Dibenzo(a,h)anthracene
Concen: 46.226 ng
RT: 16.951 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion:278 Resp: 269583
Ion Ratio Lower Upper
278 100
139 15.7 14.0 21.0
279 23.1 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 41.614 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:276 Resp: 251836
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 20.1 18.5 27.7

