

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138928.D
 Acq On : 12 Aug 2024 12:07
 Operator : RC/JU
 Sample : PB162605BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162605BS

Quant Time: Aug 12 12:38:54 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	49606	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	200959	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	114175	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	195578	20.000	ng	0.00
76) Chrysene-d12	14.004	240	89281	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	91704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	414234	128.902	ng	0.02
7) Phenol-d6	6.492	99	542975	125.848	ng	0.00
23) Nitrobenzene-d5	7.410	82	358529	87.227	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	127442	136.266	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	654031	86.068	ng	0.00
79) Terphenyl-d14	12.945	244	613590	115.065	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	45382	32.257	ng	97
3) Pyridine	3.446	79	118553	34.785	ng	96
4) n-Nitrosodimethylamine	3.410	42	104635	51.549	ng	82
6) Aniline	6.510	93	118122	30.699	ng	# 10
8) 2-Chlorophenol	6.634	128	164808	48.745	ng	98
9) Benzaldehyde	6.398	77	88291	34.137	ng	99
10) Phenol	6.504	94	208687	45.939	ng	80
11) bis(2-Chloroethyl)ether	6.581	93	152511	43.628	ng	99
12) 1,3-Dichlorobenzene	6.781	146	168475	44.515	ng	98
13) 1,4-Dichlorobenzene	6.857	146	170482	44.636	ng	98
14) 1,2-Dichlorobenzene	7.010	146	163143	45.705	ng	99
15) Benzyl Alcohol	6.992	79	155852	50.118	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	259968	43.212	ng	# 47
17) 2-Methylphenol	7.110	107	129691	46.453	ng	# 85
18) Hexachloroethane	7.345	117	66589	46.316	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	124867	47.917	ng	98
20) 3+4-Methylphenols	7.263	107	173418	48.413	ng	# 80
22) Acetophenone	7.257	105	220850	44.884	ng	98
24) Nitrobenzene	7.428	77	186383	44.562	ng	99
25) Isophorone	7.669	82	329348	46.925	ng	98
26) 2-Nitrophenol	7.745	139	84547	46.985	ng	94
27) 2,4-Dimethylphenol	7.787	122	108661	50.470	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	188529	44.110	ng	99
29) 2,4-Dichlorophenol	7.992	162	133004	48.075	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	144604	45.292	ng	99
31) Naphthalene	8.145	128	475484	44.951	ng	99
32) Benzoic acid	7.939	122	57845	34.179	ng	95
33) 4-Chloroaniline	8.198	127	78121	22.001	ng	96
34) Hexachlorobutadiene	8.251	225	90190	46.639	ng	98
35) Caprolactam	8.586	113	25247	30.584	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	154084	48.733	ng	100
37) 2-Methylnaphthalene	8.833	142	311563	46.638	ng	100
38) 1-Methylnaphthalene	8.933	142	287958	43.988	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	134261	42.332	ng	99
41) Hexachlorocyclopentadiene	8.981	237	82365	96.536	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	85803	44.370	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	91127	43.106	ng	100
46) 1,1'-Biphenyl	9.298	154	372682	41.678	ng	99
47) 2-Chloronaphthalene	9.328	162	291284	43.799	ng	100
48) 2-Nitroaniline	9.433	65	104759	46.465	ng	100
49) Acenaphthylene	9.739	152	461854	48.965	ng	99
50) Dimethylphthalate	9.604	163	351254	48.114	ng	100
51) 2,6-Dinitrotoluene	9.675	165	77001	46.736	ng	95
52) Acenaphthene	9.910	154	277737	43.803	ng	99
53) 3-Nitroaniline	9.845	138	52432	30.784	ng	96
54) 2,4-Dinitrophenol	9.963	184	65855	86.830	ng	91
55) Dibenzofuran	10.086	168	413921	46.246	ng	98
56) 4-Nitrophenol	10.028	139	73345	71.609	ng	90
57) 2,4-Dinitrotoluene	10.080	165	102246	48.641	ng #	81
58) Fluorene	10.428	166	340711	47.802	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	75715	46.847	ng	94
60) Diethylphthalate	10.298	149	347012	50.131	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	165314	47.159	ng	96
62) 4-Nitroaniline	10.463	138	69241	42.778	ng	89
63) Azobenzene	10.575	77	358157	46.651	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	55844	46.802	ng	96
66) n-Nitrosodiphenylamine	10.539	169	285296	46.668	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	95893	45.286	ng	97
68) Hexachlorobenzene	10.975	284	99566	45.540	ng	99
69) Atrazine	11.069	200	84417	53.522	ng	98
70) Pentachlorophenol	11.180	266	72648	73.719	ng	99
71) Phenanthrene	11.392	178	478911	47.555	ng	99
72) Anthracene	11.439	178	481422	48.525	ng	100
73) Carbazole	11.598	167	401931	46.958	ng	99
74) Di-n-butylphthalate	11.916	149	499285	51.889	ng	100
75) Fluoranthene	12.580	202	439113	46.706	ng	98
77) Benzidine	12.704	184	31027	14.530	ng	98
78) Pyrene	12.804	202	434181	51.651	ng	100
80) Butylbenzylphthalate	13.416	149	137232	50.980	ng	98
81) Benzo(a)anthracene	13.992	228	283608	46.130	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	53577	34.053	ng	98
83) Chrysene	14.027	228	266108	47.975	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	166631	42.273	ng	99
85) Di-n-octyl phthalate	14.580	149	292690	40.133	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	314038	47.785	ng	97
88) Benzo(b)fluoranthene	15.039	252	280632	49.366	ng	99
89) Benzo(k)fluoranthene	15.068	252	237312	48.215	ng	98
90) Benzo(a)pyrene	15.410	252	248942	52.061	ng	98
91) Dibenzo(a,h)anthracene	16.956	278	254752	47.223	ng	97
92) Benzo(g,h,i)perylene	17.392	276	241447	43.131	ng	97

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

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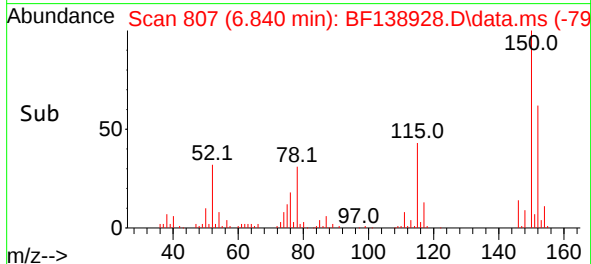
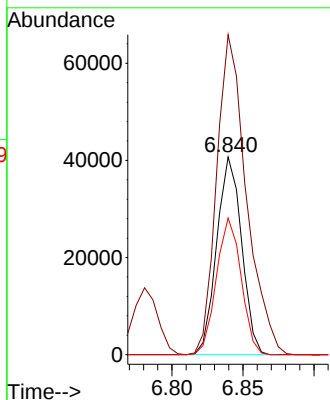
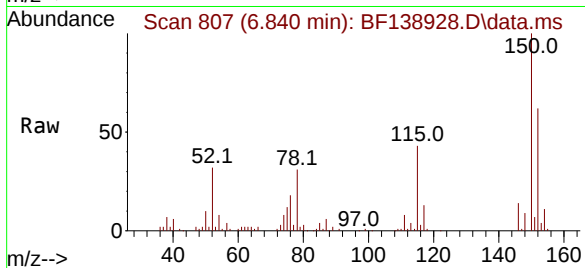




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138928.D
 Acq: 12 Aug 2024 12:07

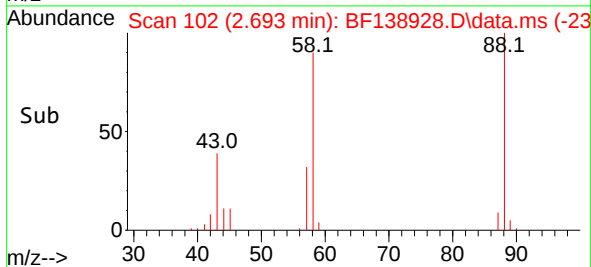
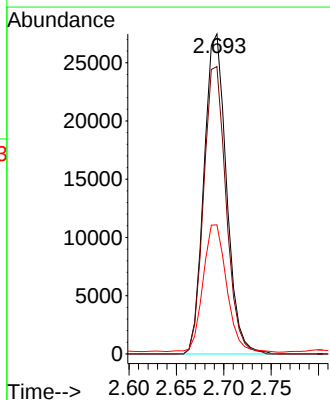
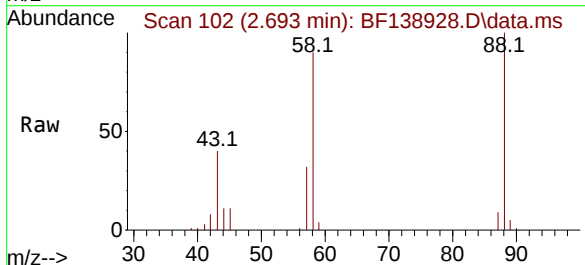
Instrument :
 BNA_F
 ClientSampleId :
 PB162605BS

Tgt Ion:152 Resp: 49606
 Ion Ratio Lower Upper
 152 100
 150 161.8 126.0 189.0
 115 69.1 51.7 77.5



#2
 1,4-Dioxane
 Concen: 32.257 ng
 RT: 2.693 min Scan# 102
 Delta R.T. 0.118 min
 Lab File: BF138928.D
 Acq: 12 Aug 2024 12:07

Tgt Ion: 88 Resp: 45382
 Ion Ratio Lower Upper
 88 100
 58 89.8 71.6 107.4
 43 41.9 28.7 43.1





#3

Pyridine

Concen: 34.785 ng

RT: 3.446 min Scan# 211

Delta R.T. 0.112 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

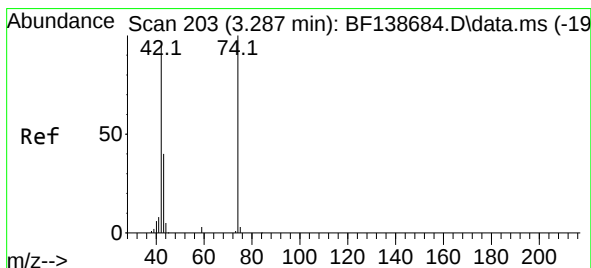
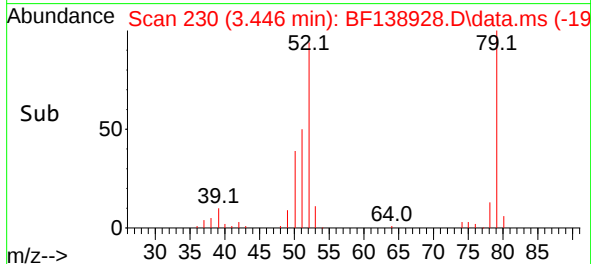
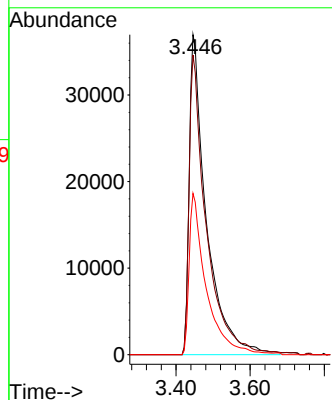
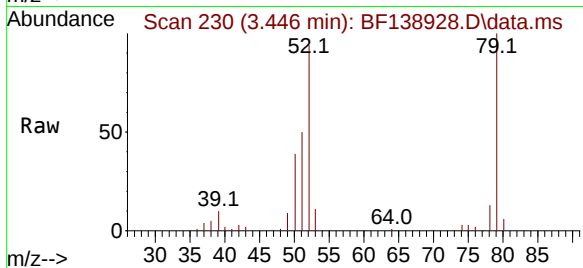
Tgt Ion: 79 Resp: 118553

Ion Ratio Lower Upper

79 100

52 93.6 74.7 112.1

51 50.4 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 51.549 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.123 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

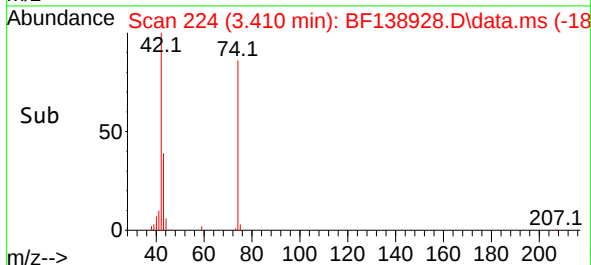
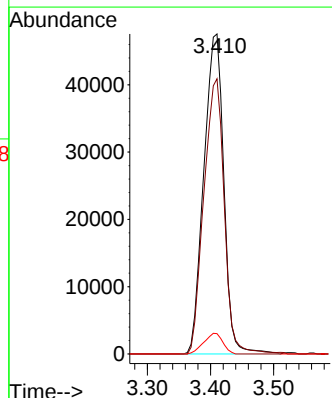
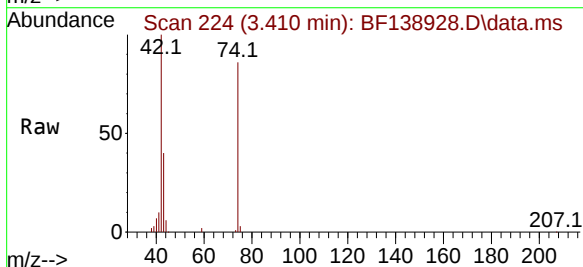
Tgt Ion: 42 Resp: 104635

Ion Ratio Lower Upper

42 100

74 86.0 84.2 126.4

44 6.4 4.9 7.3

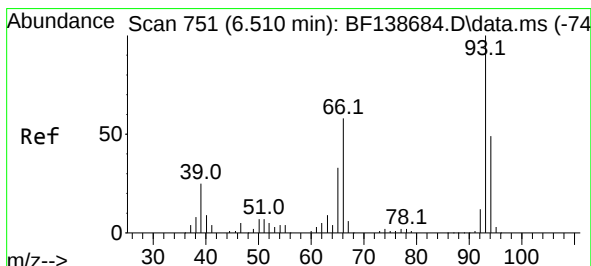
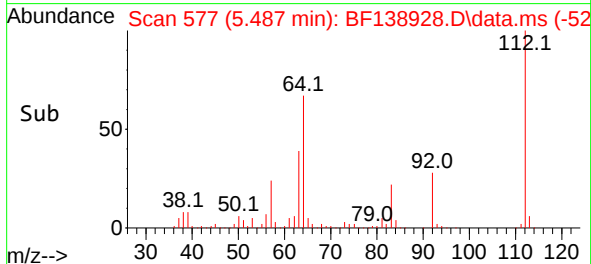
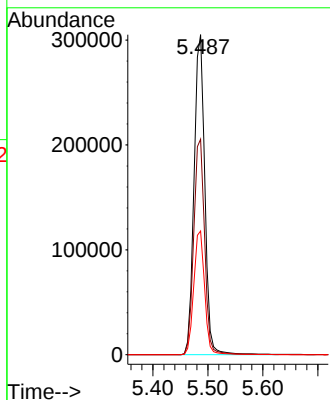
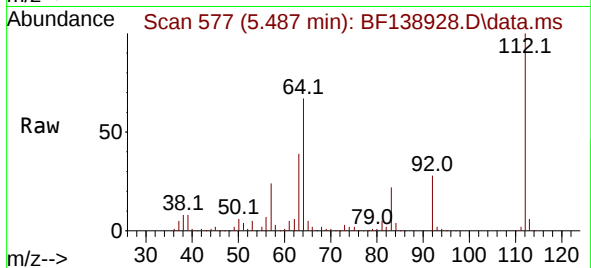




#5
2-Fluorophenol
Concen: 128.902 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

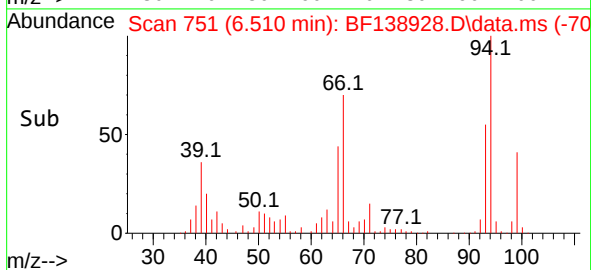
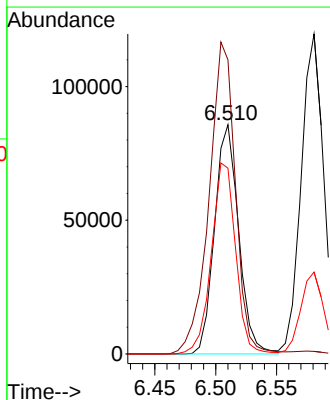
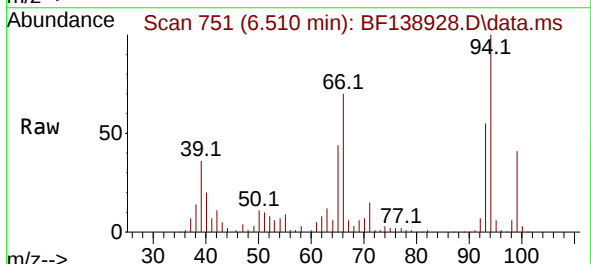
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion:112 Resp: 414234
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 38.6 28.7 43.1



#6
Aniline
Concen: 30.699 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion: 93 Resp: 118122
Ion Ratio Lower Upper
93 100
66 128.2 46.9 70.3#
65 81.0 26.5 39.7#

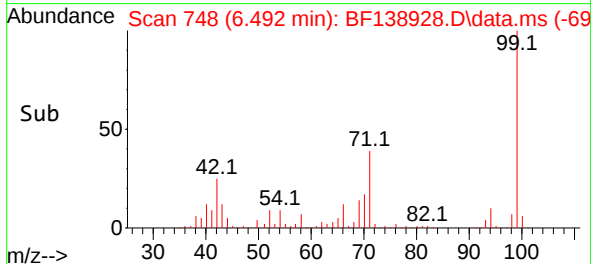
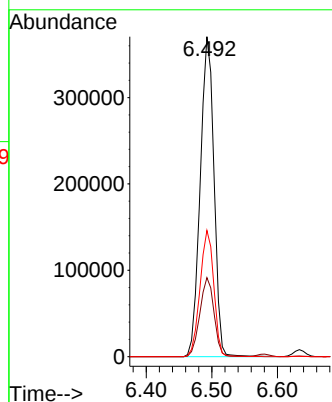
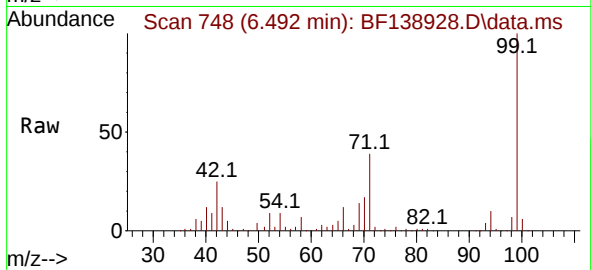




#7
Phenol-d6
Concen: 125.848 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

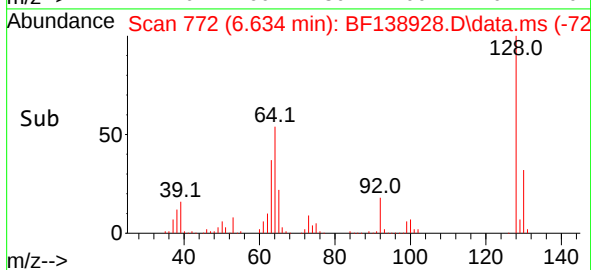
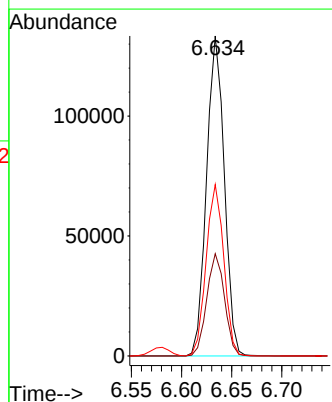
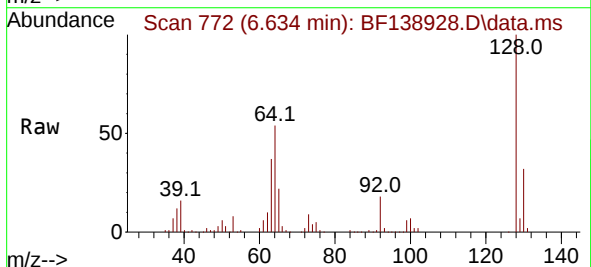
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion: 99 Resp: 542975
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.5 28.1 42.1



#8
2-Chlorophenol
Concen: 48.745 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion: 128 Resp: 164808
Ion Ratio Lower Upper
128 100
130 32.0 12.0 52.0
64 53.6 36.3 76.3





#9

Benzaldehyde

Concen: 34.137 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

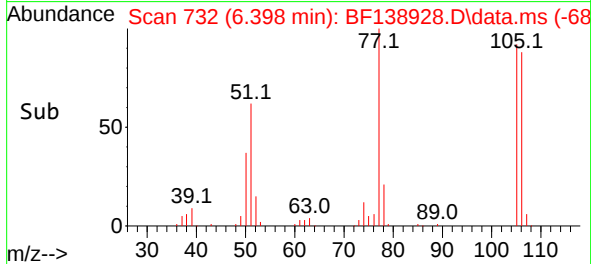
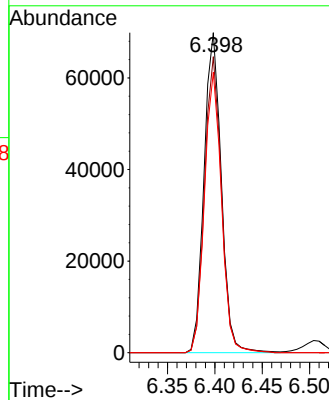
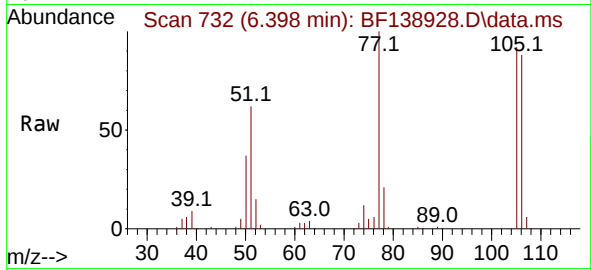
Tgt Ion: 77 Resp: 88291

Ion Ratio Lower Upper

77 100

105 92.5 72.9 112.9

106 87.6 68.4 108.4



#10

Phenol

Concen: 45.939 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

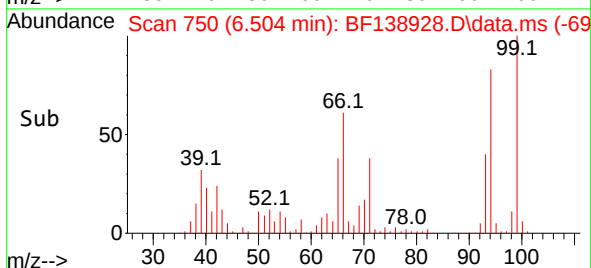
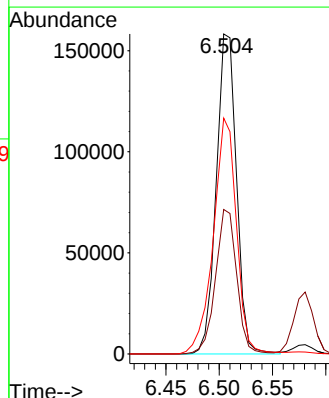
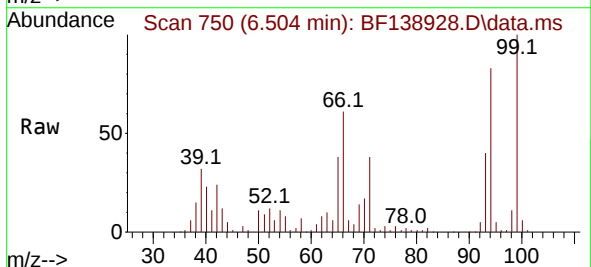
Tgt Ion: 94 Resp: 208687

Ion Ratio Lower Upper

94 100

65 45.1 16.9 56.9

66 73.7 36.5 76.5

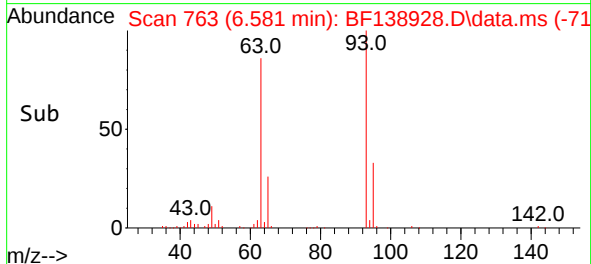
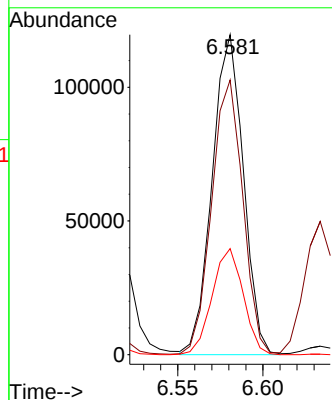
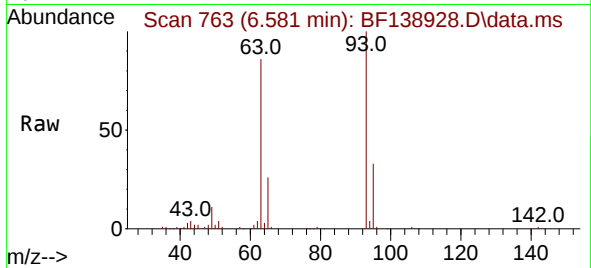




#11
bis(2-Chloroethyl)ether
Concen: 43.628 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

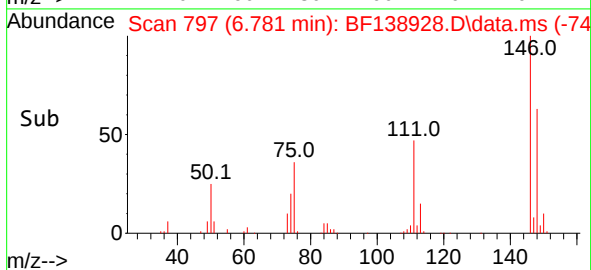
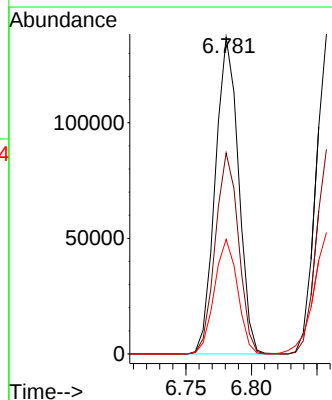
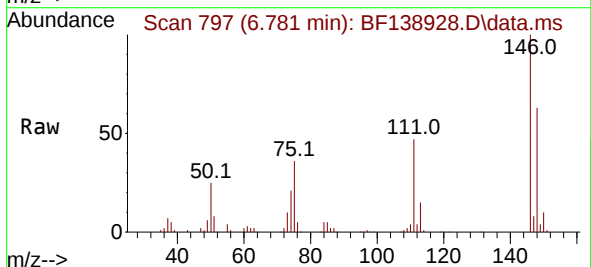
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion: 93 Resp: 152511
Ion Ratio Lower Upper
93 100
63 85.8 65.3 105.3
95 33.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.515 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion: 146 Resp: 168475
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 36.1 27.4 41.2

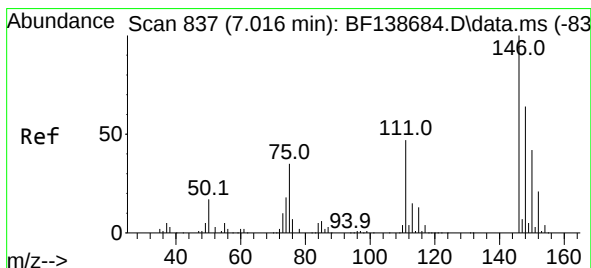
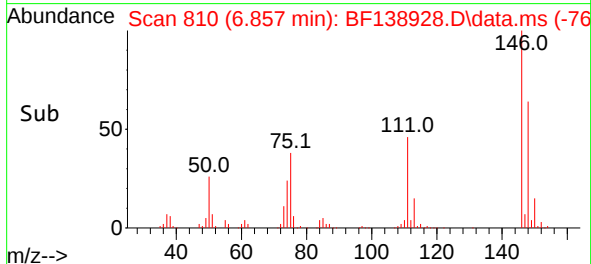
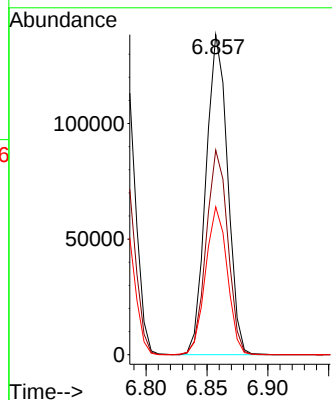
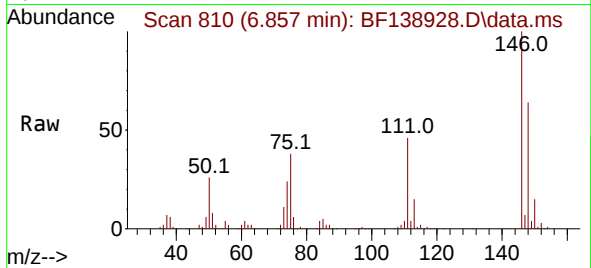




#13
1,4-Dichlorobenzene
Concen: 44.636 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

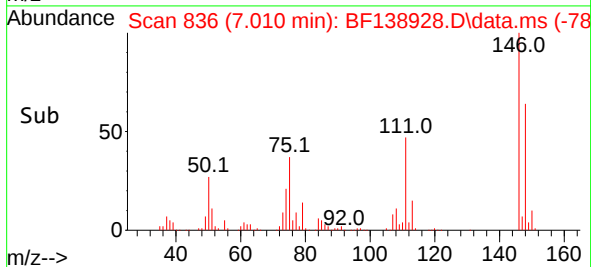
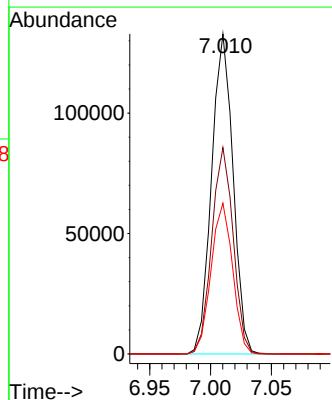
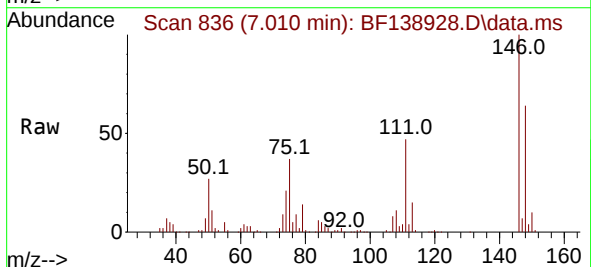
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion:146 Resp: 170482
Ion Ratio Lower Upper
146 100
148 63.9 50.2 75.2
111 46.2 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 45.705 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:146 Resp: 163143
Ion Ratio Lower Upper
146 100
148 64.5 50.8 76.2
111 47.1 37.4 56.2

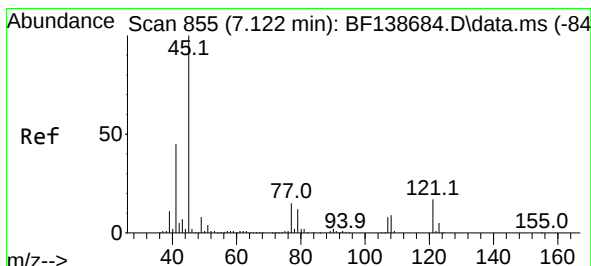
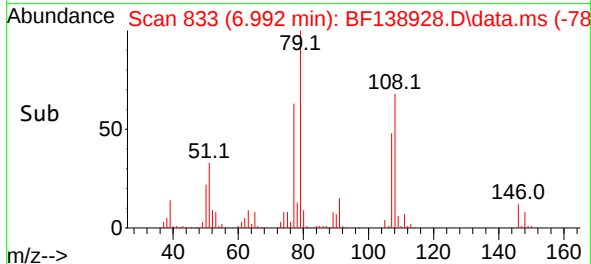
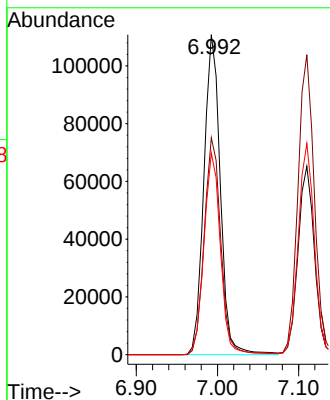
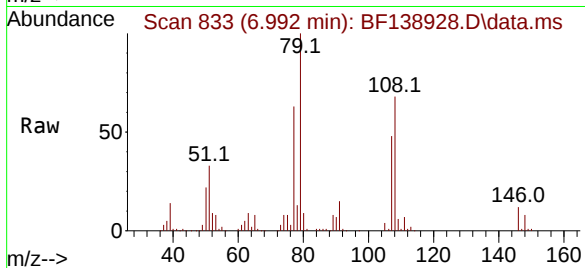




#15
Benzyl Alcohol
Concen: 50.118 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

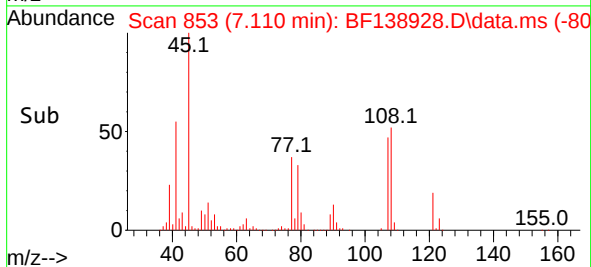
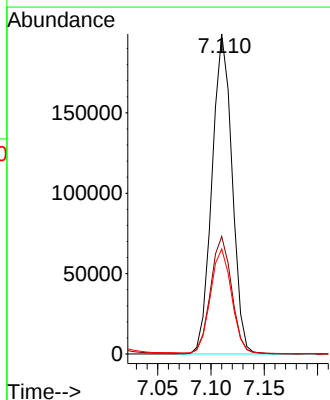
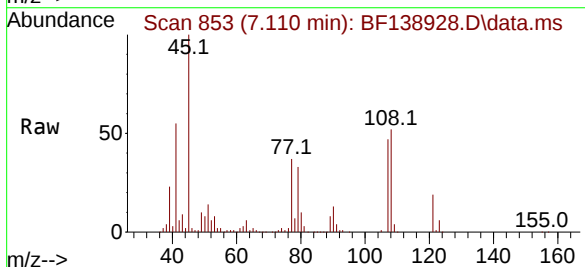
Instrument :
BNA_F
ClientSampleId :
PB162605BS

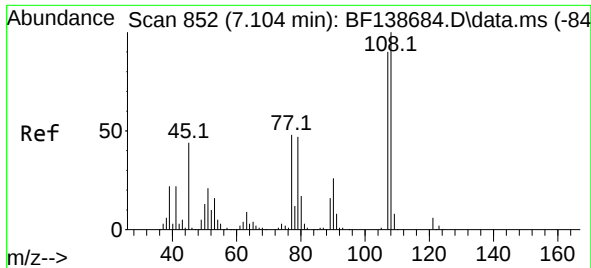
Tgt Ion: 79 Resp: 155852
Ion Ratio Lower Upper
79 100
108 67.8 56.6 85.0
77 63.1 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.212 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion: 45 Resp: 259968
Ion Ratio Lower Upper
45 100
77 36.7 0.0 34.9#
79 32.8 0.0 32.2#

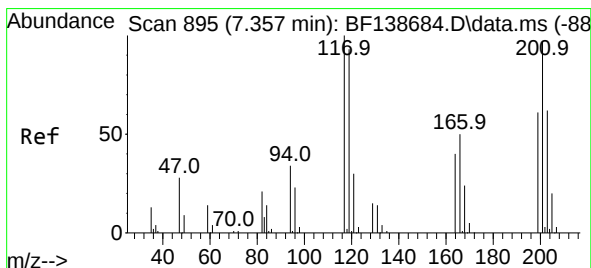
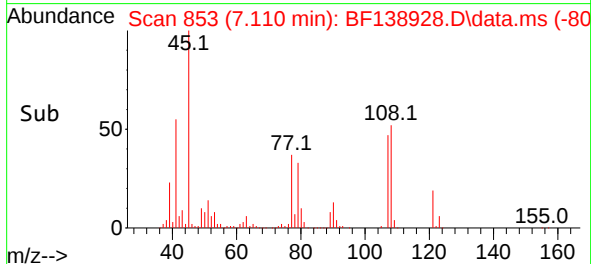
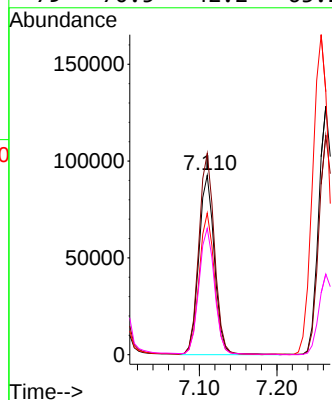
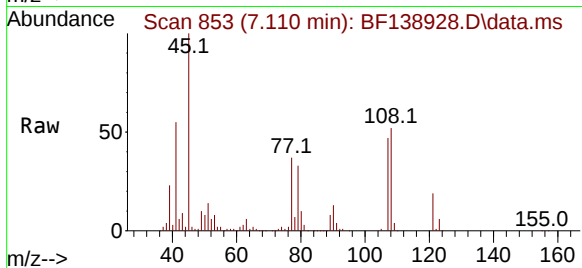




#17
2-Methylphenol
Concen: 46.453 ng
RT: 7.110 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

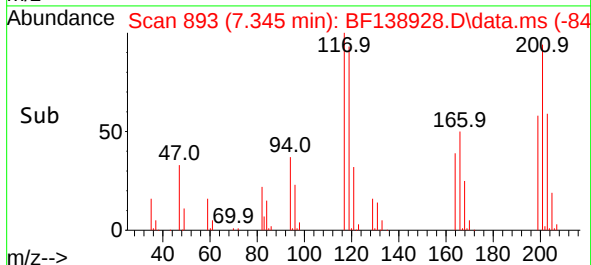
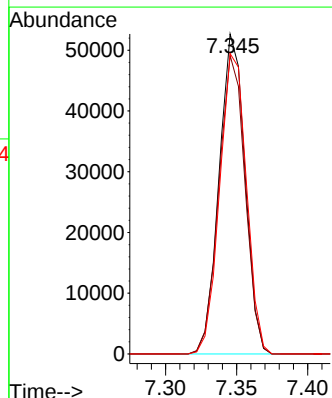
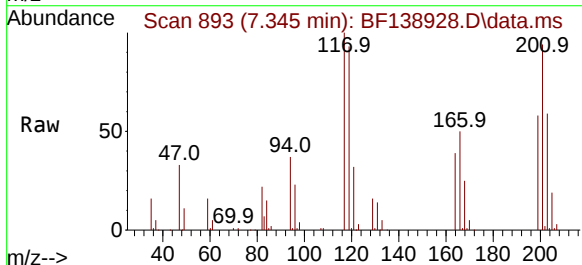
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion:107 Resp: 129691
Ion Ratio Lower Upper
107 100
108 112.2 89.2 133.8
77 78.9 43.0 64.4#
79 70.5 42.2 63.2#



#18
Hexachloroethane
Concen: 46.316 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:117 Resp: 66589
Ion Ratio Lower Upper
117 100
119 93.2 74.6 111.8
201 93.8 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 47.917 ng

RT: 7.263 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF138928.D

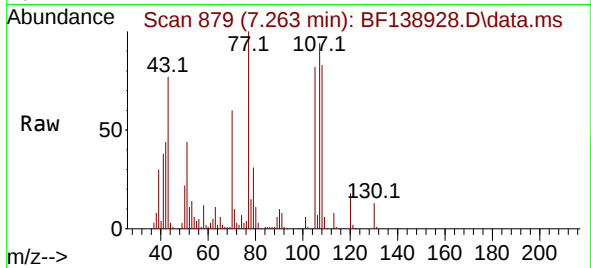
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS



Tgt Ion: 70 Resp: 124867

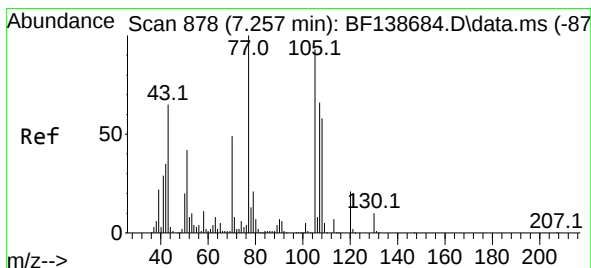
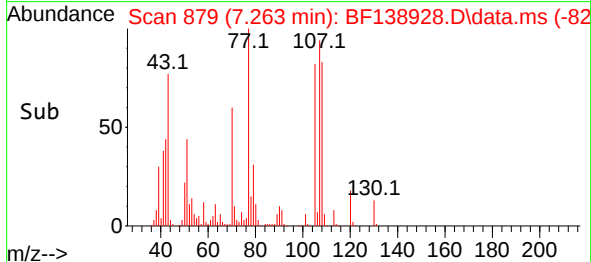
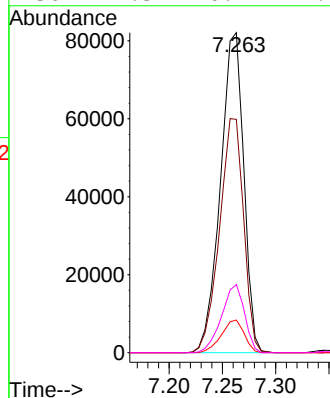
Ion Ratio Lower Upper

70 100

42 72.9 57.4 86.0

101 10.2 7.5 11.3

130 21.3 16.4 24.6



#20

3+4-Methylphenols

Concen: 48.413 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Tgt Ion: 107 Resp: 173418

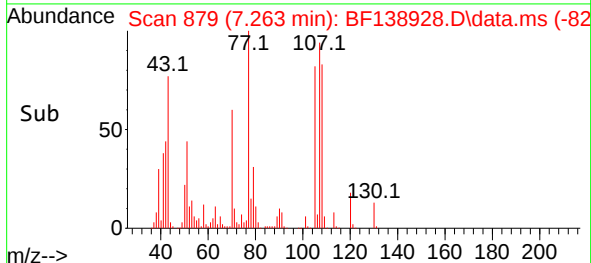
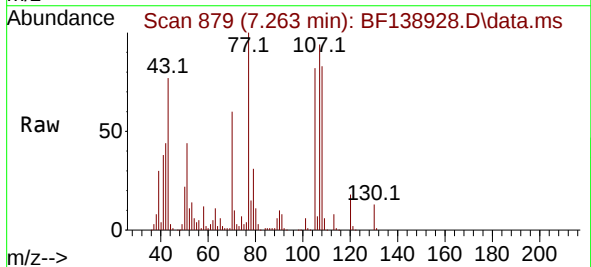
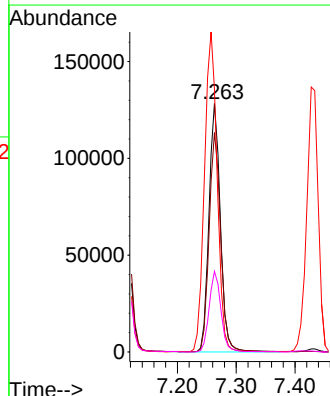
Ion Ratio Lower Upper

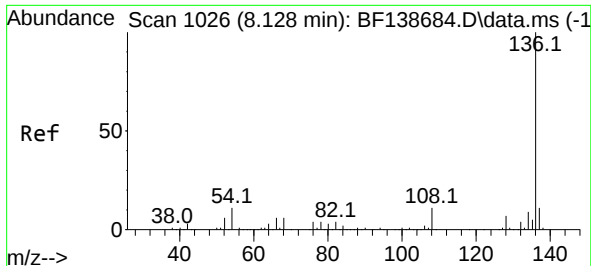
107 100

108 88.3 68.2 108.2

77 105.9 132.1 172.1#

79 32.5 11.5 51.5





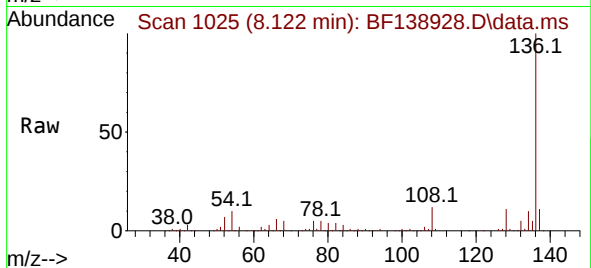
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

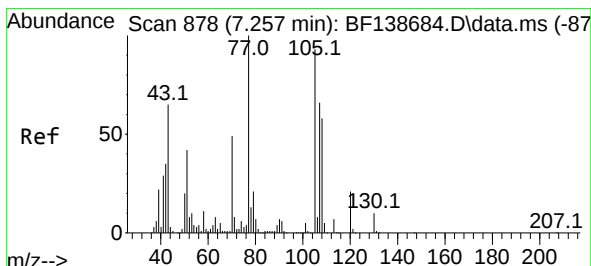
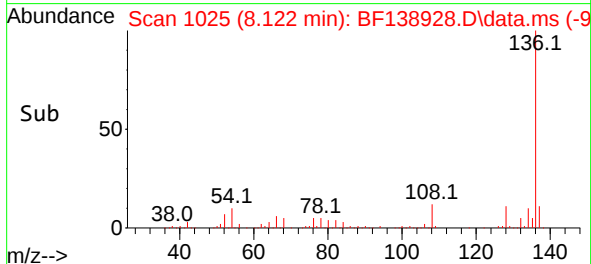
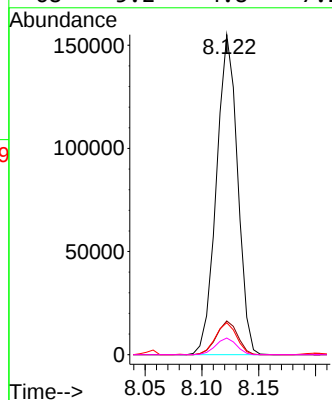
BNA_F

ClientSampleId :

PB162605BS

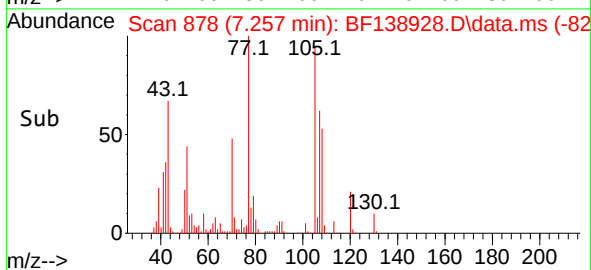
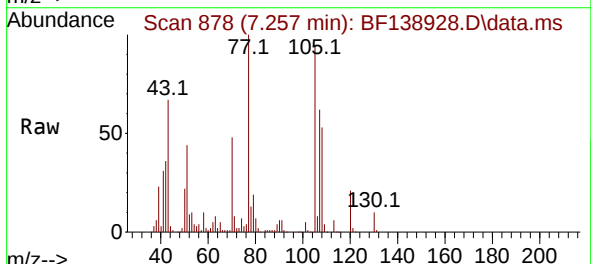
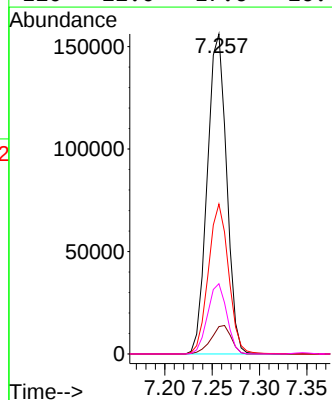


Tgt Ion:136	Resp: 200959
Ion Ratio	Lower Upper
136 100	
137 10.5	8.9 13.3
54 10.0	8.6 12.8
68 5.2	4.8 7.2



#22
Acetophenone
Concen: 44.884 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt	Ion:105	Resp:	220850
Ion	Ratio	Lower	Upper
105	100		
71	8.5	7.2	10.8
51	46.9	35.9	53.9
120	22.0	17.6	26.4





#23

Nitrobenzene-d5

Concen: 87.227 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

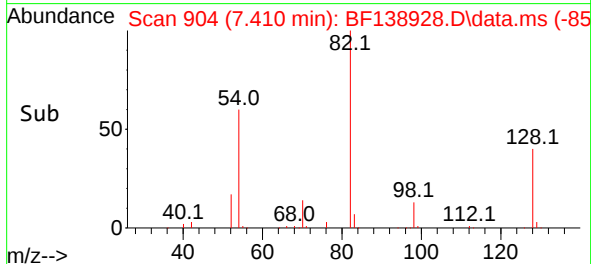
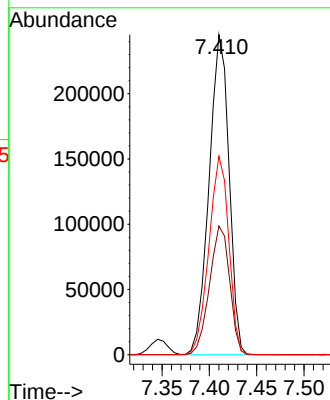
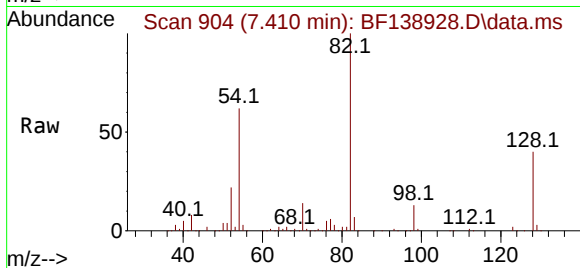
Tgt Ion: 82 Resp: 358529

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

54 62.0 48.3 72.5



#24

Nitrobenzene

Concen: 44.562 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

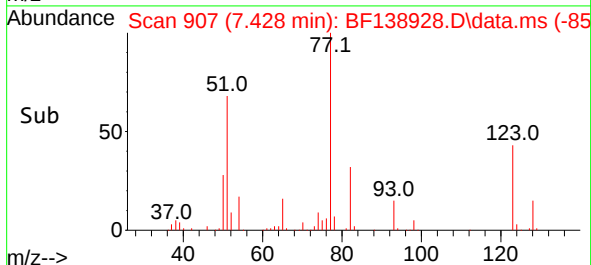
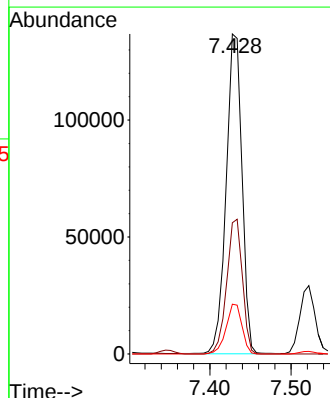
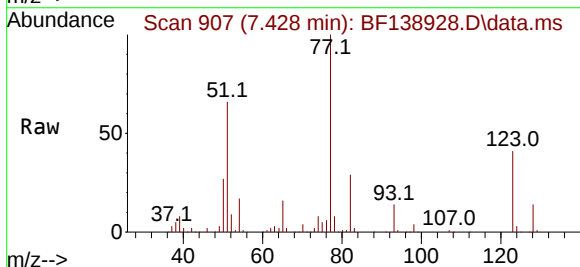
Tgt Ion: 77 Resp: 186383

Ion Ratio Lower Upper

77 100

123 41.0 33.3 49.9

65 15.5 11.9 17.9

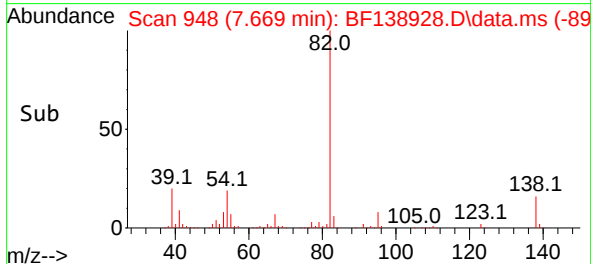
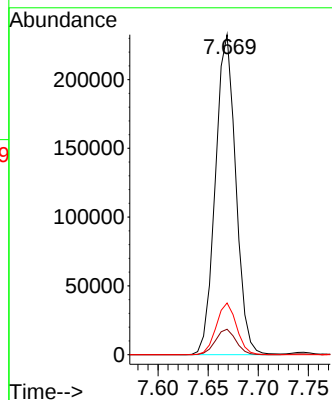
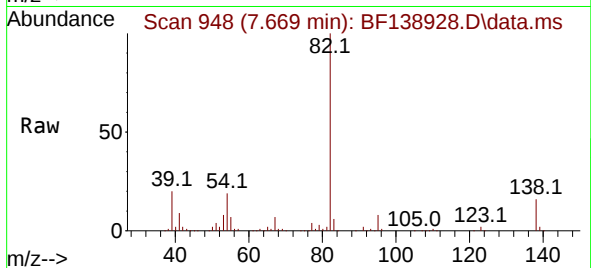




#25
Isophorone
Concen: 46.925 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

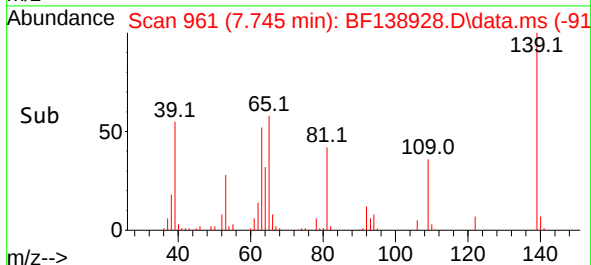
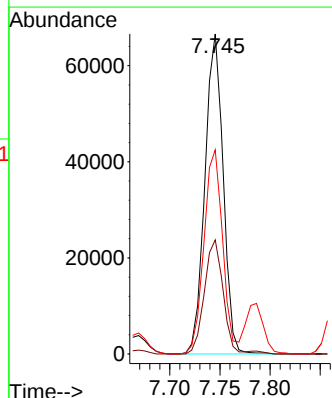
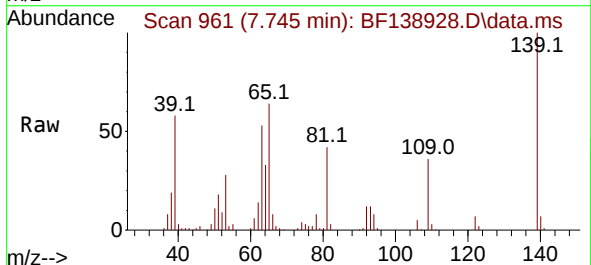
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion: 82 Resp: 329348
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 16.2 13.7 20.5



#26
2-Nitrophenol
Concen: 46.985 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion: 139 Resp: 84547
Ion Ratio Lower Upper
139 100
109 35.6 25.9 38.9
65 63.8 47.0 70.6

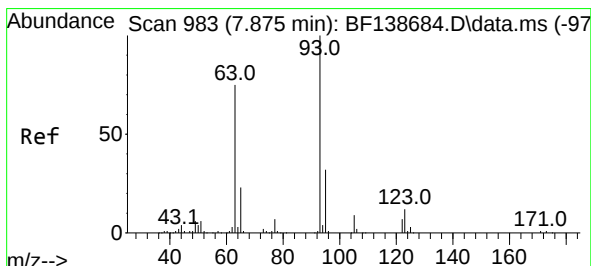
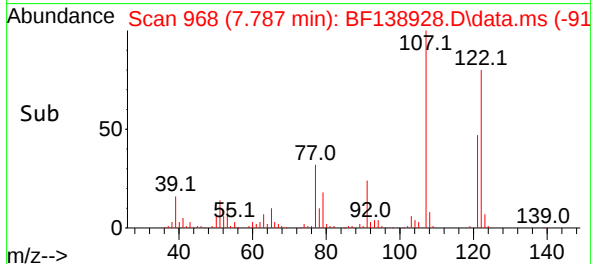
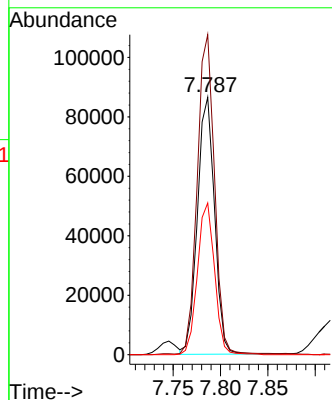
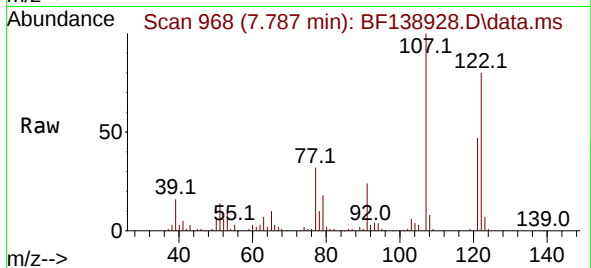




#27
2,4-Dimethylphenol
Concen: 50.470 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

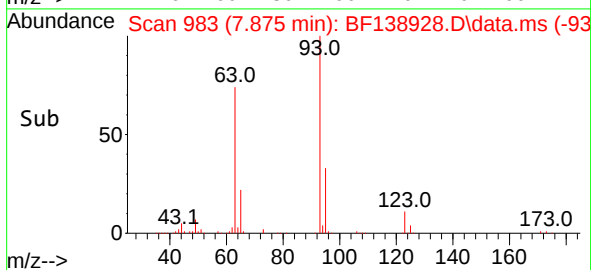
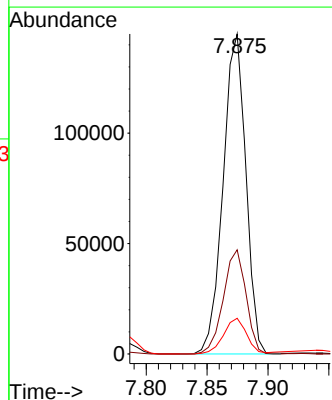
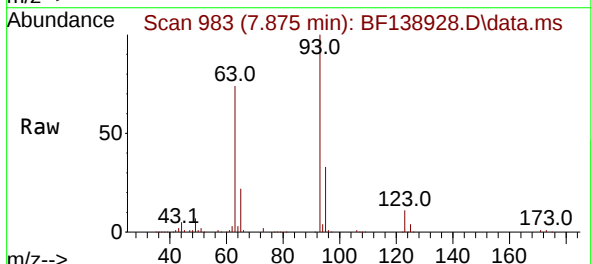
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion:122 Resp: 108661
Ion Ratio Lower Upper
122 100
107 124.3 95.0 142.6
121 58.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 44.110 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion: 93 Resp: 188529
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.075 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

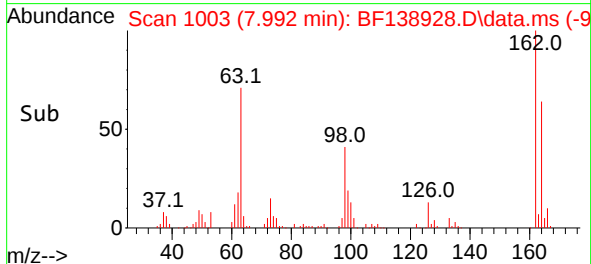
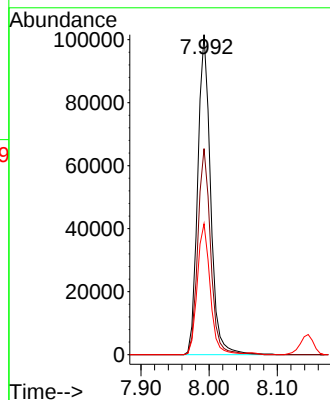
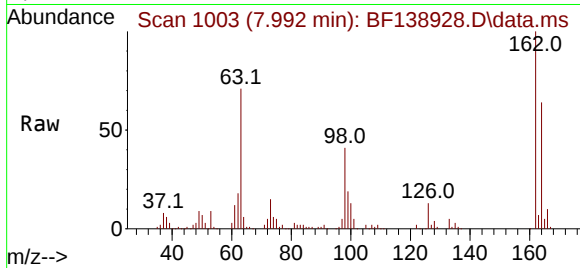
Tgt Ion:162 Resp: 133004

Ion Ratio Lower Upper

162 100

164 64.4 44.7 84.7

98 40.9 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 45.292 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

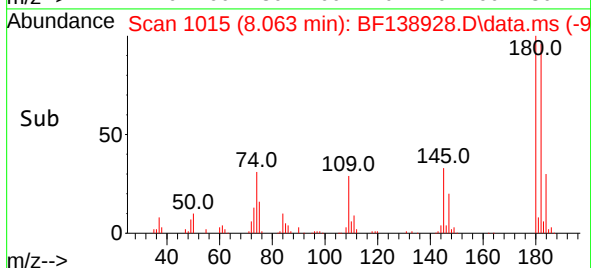
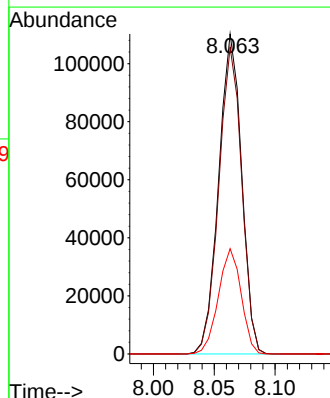
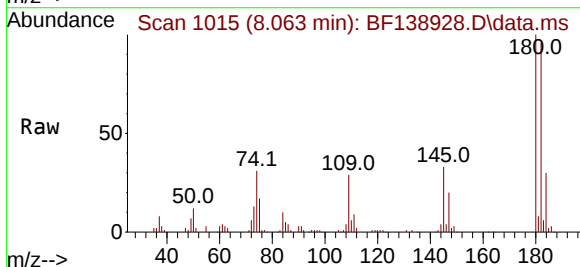
Tgt Ion:180 Resp: 144604

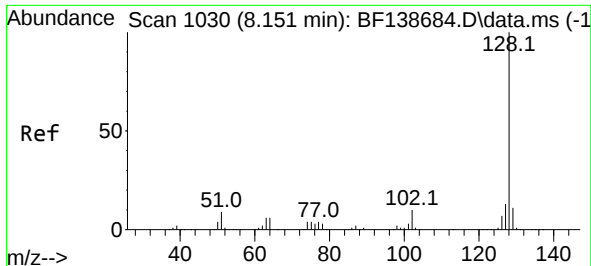
Ion Ratio Lower Upper

180 100

182 95.8 76.9 115.3

145 32.9 25.0 37.4

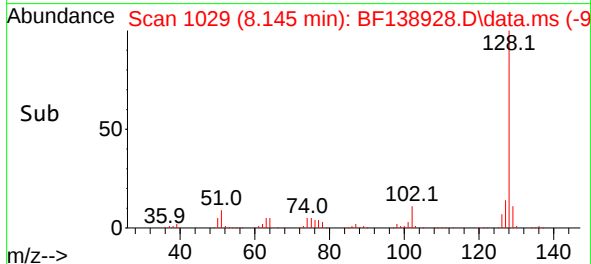
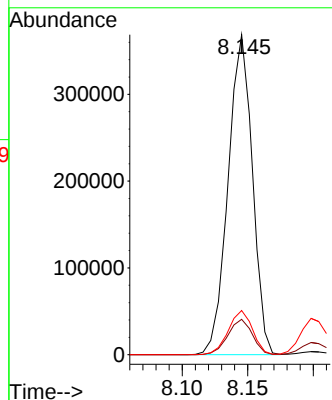
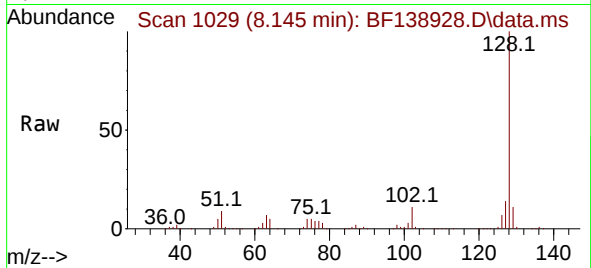




#31
Naphthalene
Concen: 44.951 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

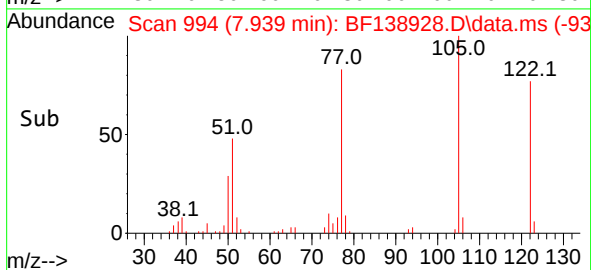
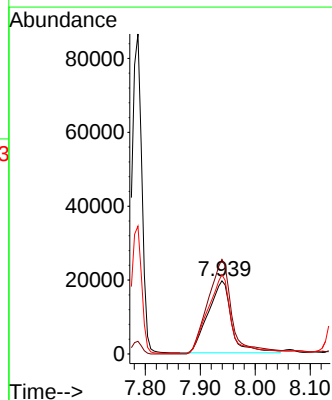
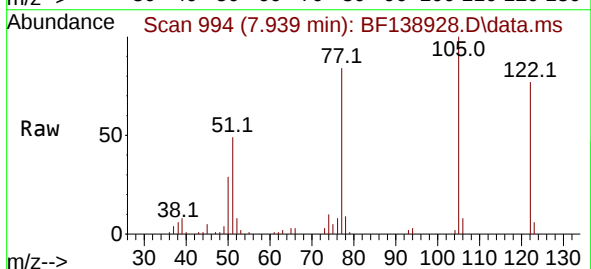
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion:128 Resp: 475484
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.8 10.6 16.0



#32
Benzoic acid
Concen: 34.179 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:122 Resp: 57845
Ion Ratio Lower Upper
122 100
105 129.4 106.7 146.7
77 108.5 81.1 121.1





#33

4-Chloroaniline

Concen: 22.001 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

Tgt Ion:127 Resp: 78121

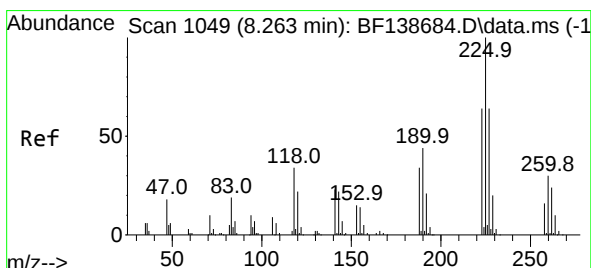
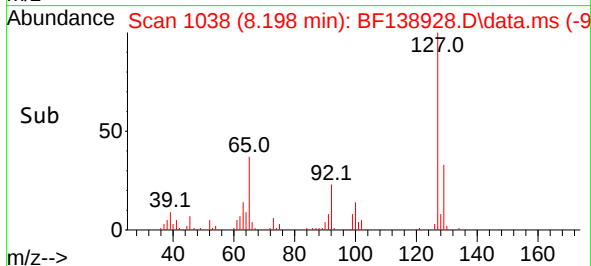
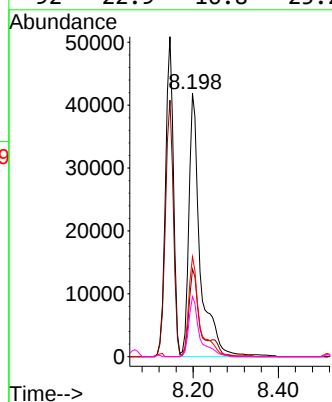
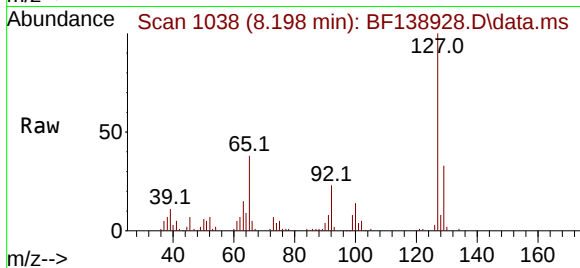
Ion Ratio Lower Upper

127 100

129 33.3 25.9 38.9

65 38.0 27.6 41.4

92 22.9 16.8 25.2



#34

Hexachlorobutadiene

Concen: 46.639 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

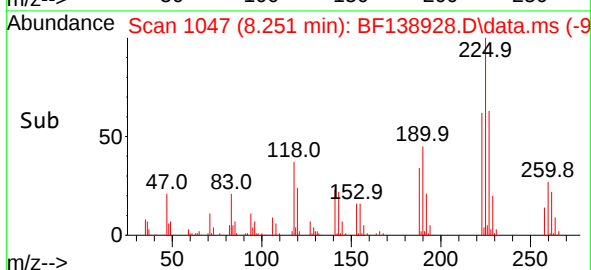
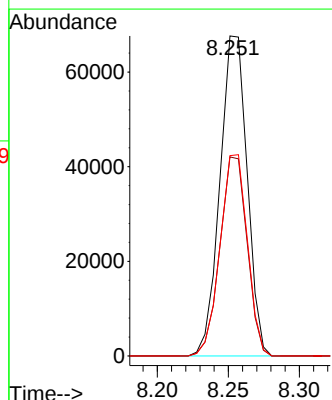
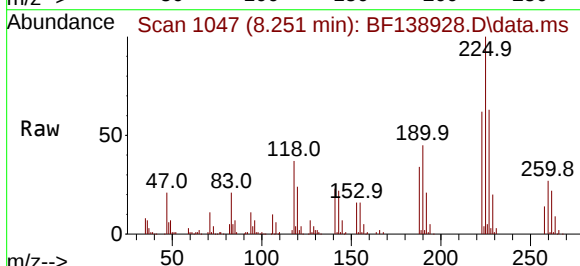
Tgt Ion:225 Resp: 90190

Ion Ratio Lower Upper

225 100

223 62.2 51.2 76.8

227 62.6 51.1 76.7

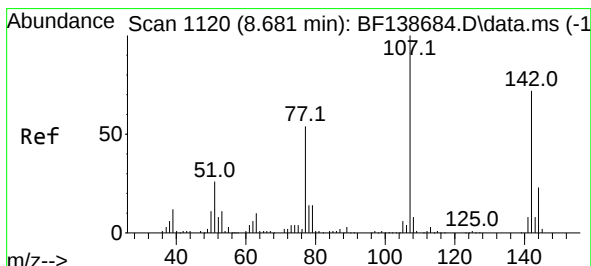
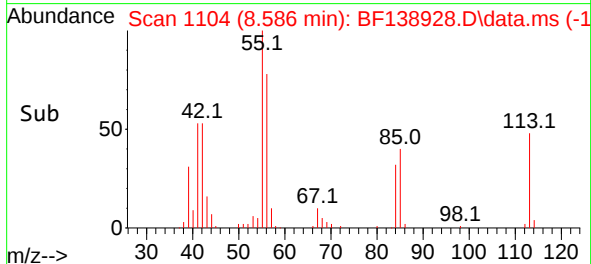
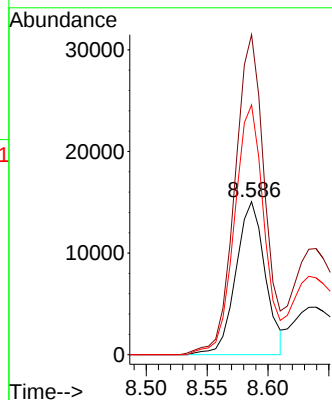
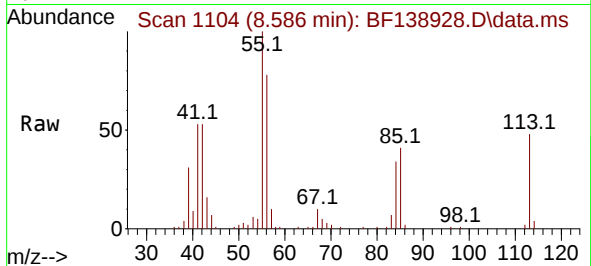




#35
Caprolactam
Concen: 30.584 ng
RT: 8.586 min Scan# 1101
Delta R.T. 0.018 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

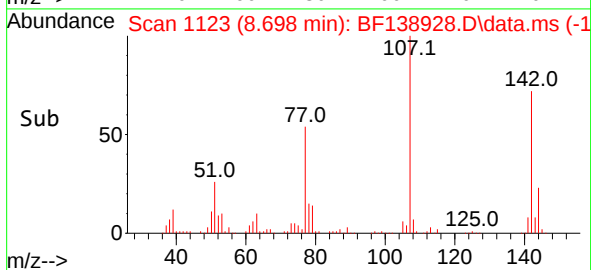
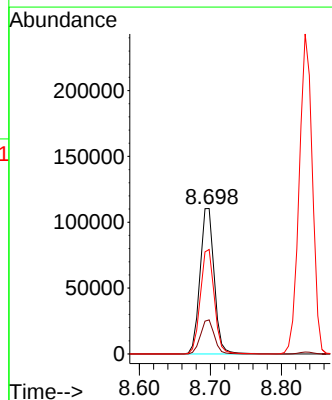
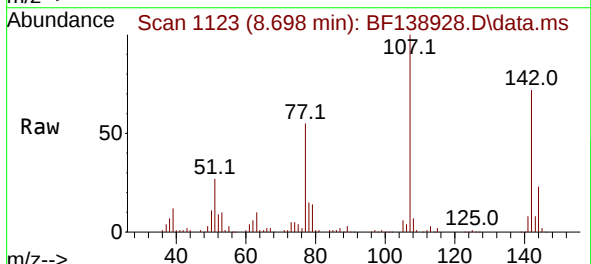
Instrument :
BNA_F
ClientSampleId :
PB162605BS

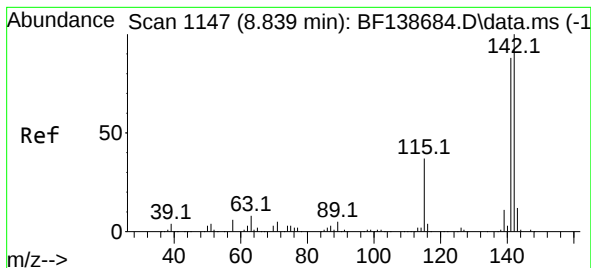
Tgt Ion:113 Resp: 25247
Ion Ratio Lower Upper
113 100
55 209.1 186.7 226.7
56 163.2 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 48.733 ng
RT: 8.698 min Scan# 1123
Delta R.T. 0.018 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:107 Resp: 154084
Ion Ratio Lower Upper
107 100
144 23.4 18.2 27.2
142 71.9 57.4 86.2





#37

2-Methylnaphthalene

Concen: 46.638 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

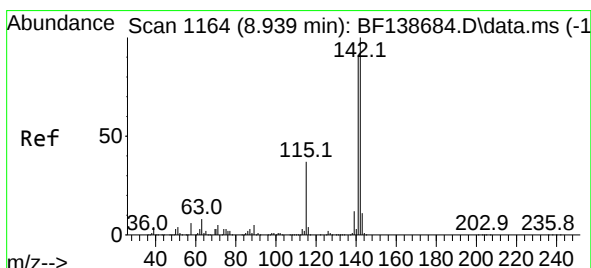
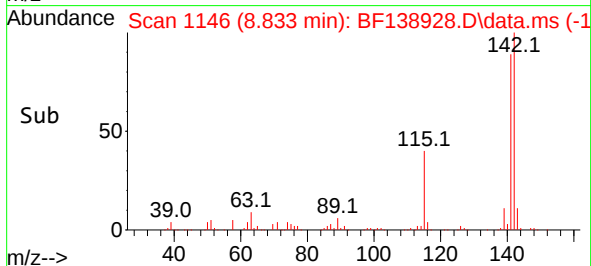
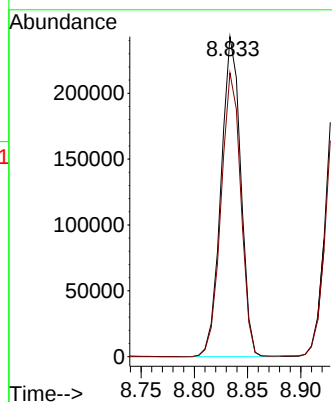
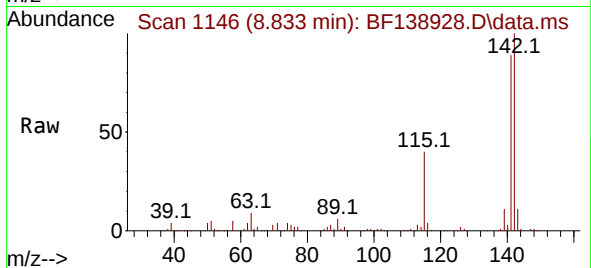
PB162605BS

Tgt Ion:142 Resp: 311563

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2



#38

1-Methylnaphthalene

Concen: 43.988 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138928.D

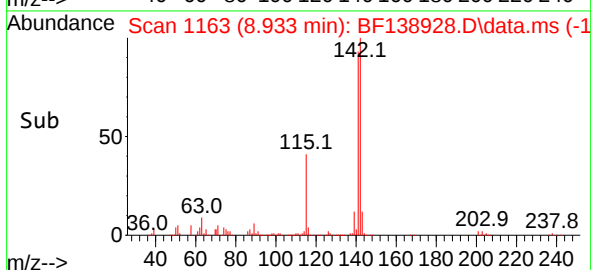
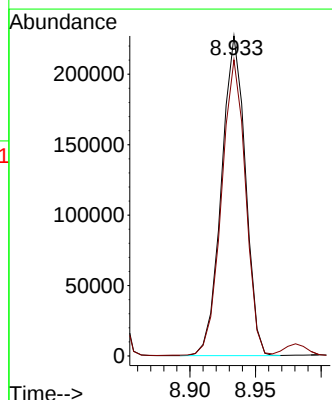
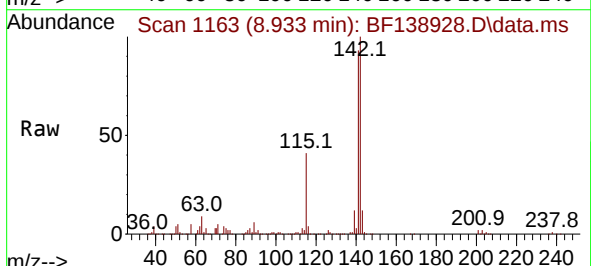
Acq: 12 Aug 2024 12:07

Tgt Ion:142 Resp: 287958

Ion Ratio Lower Upper

142 100

141 92.5 73.1 109.7

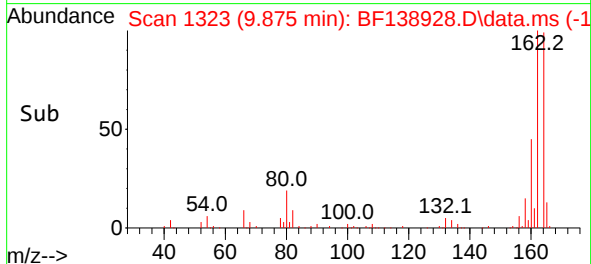
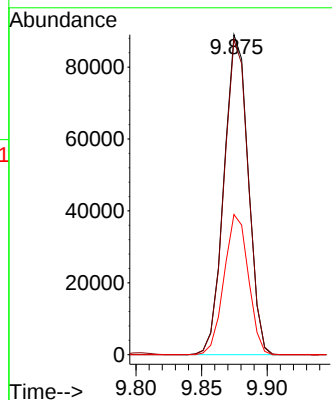
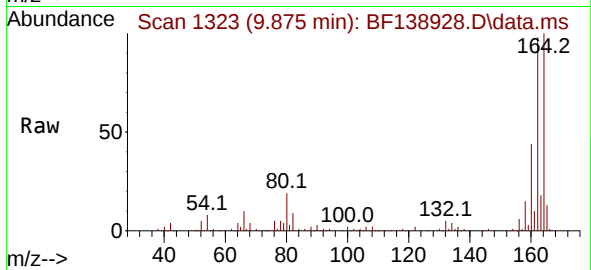




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

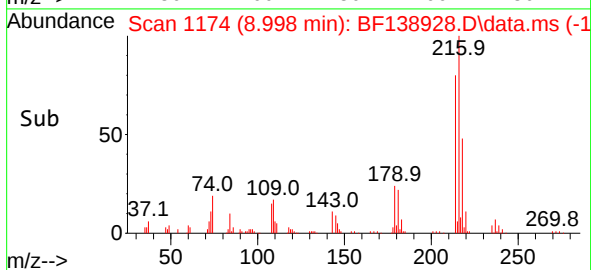
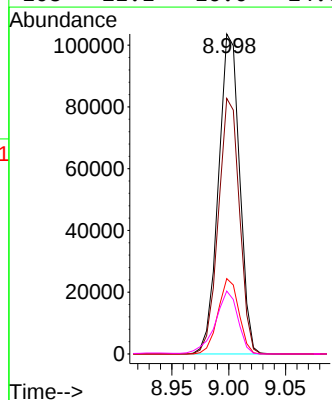
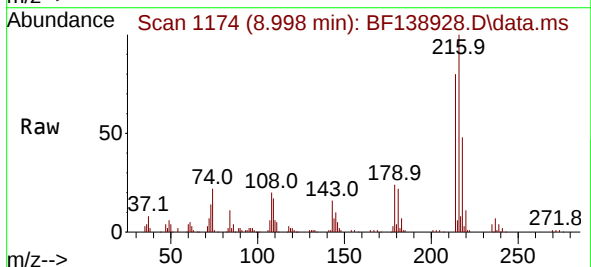
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion:164 Resp: 114175
Ion Ratio Lower Upper
164 100
162 98.5 79.4 119.0
160 43.8 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.332 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:216 Resp: 134261
Ion Ratio Lower Upper
216 100
214 79.3 63.9 95.9
179 23.2 17.8 26.6
108 21.1 16.0 24.0

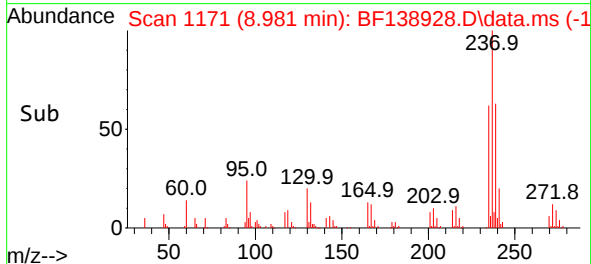
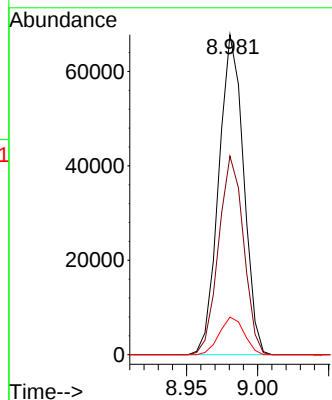
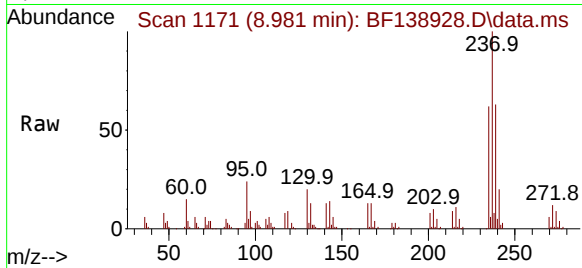




#41
Hexachlorocyclopentadiene
Concen: 96.536 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

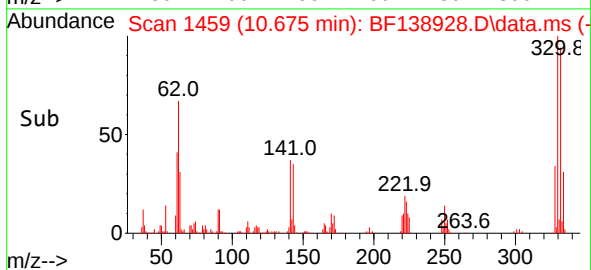
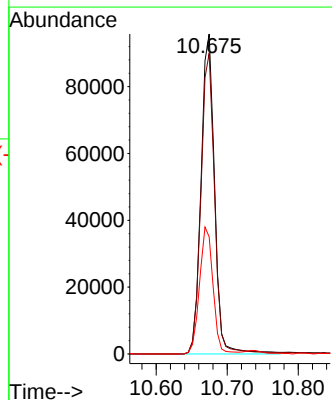
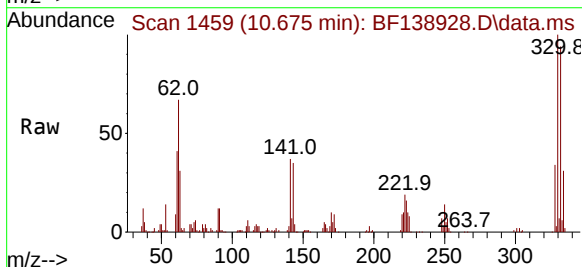
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion:237 Resp: 82365
Ion Ratio Lower Upper
237 100
235 62.1 41.8 81.8
272 11.8 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 136.266 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:330 Resp: 127442
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 39.6 31.1 46.7

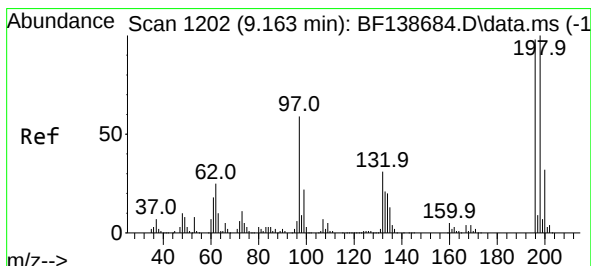
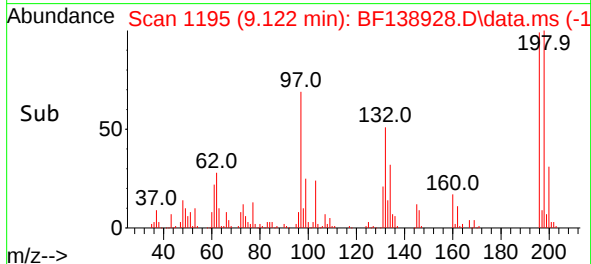
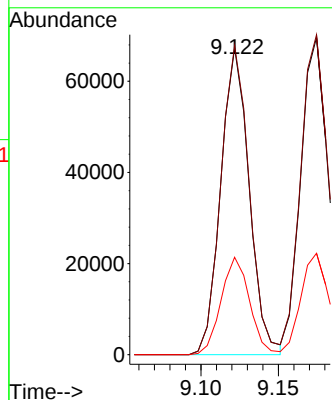
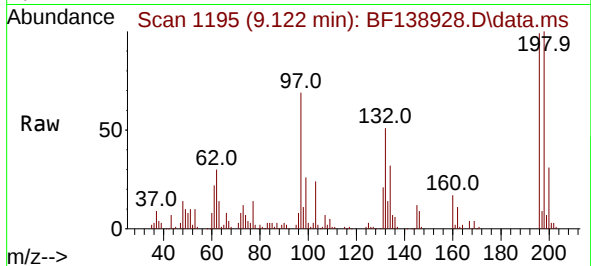




#43
2,4,6-Trichlorophenol
Concen: 44.370 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

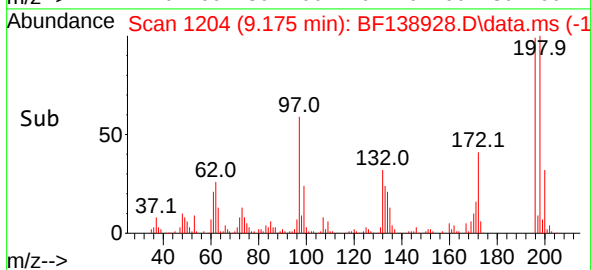
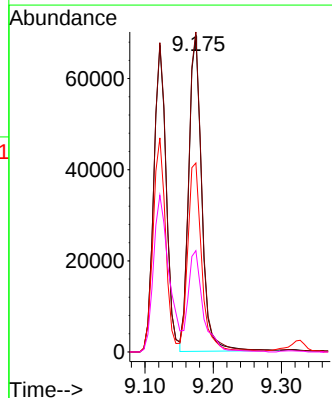
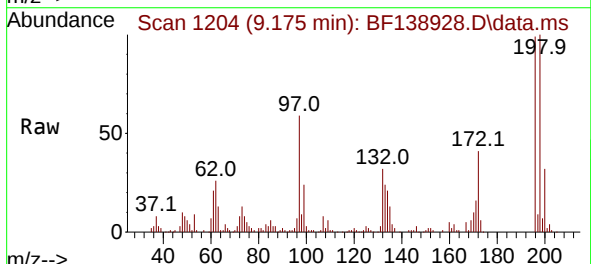
Instrument :
BNA_F
ClientSampleId :
PB162605BS

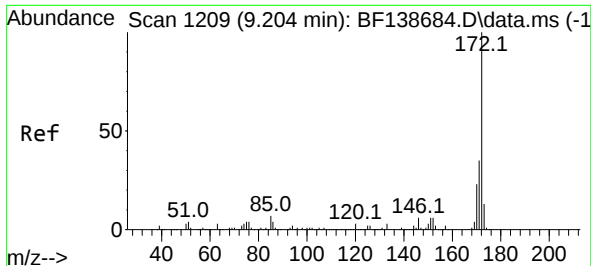
Tgt Ion:196 Resp: 85803
Ion Ratio Lower Upper
196 100
198 100.8 80.5 120.7
200 31.7 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 43.106 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:196 Resp: 91127
Ion Ratio Lower Upper
196 100
198 100.9 81.2 121.8
97 59.6 47.8 71.6
132 31.9 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 86.068 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

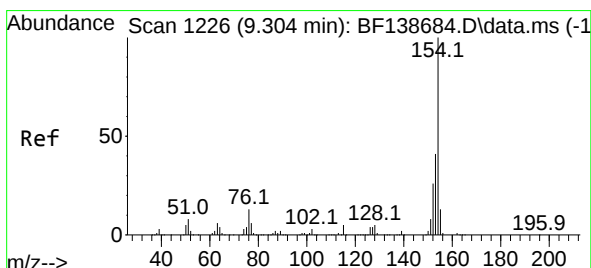
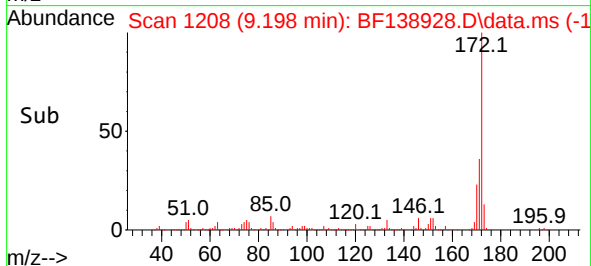
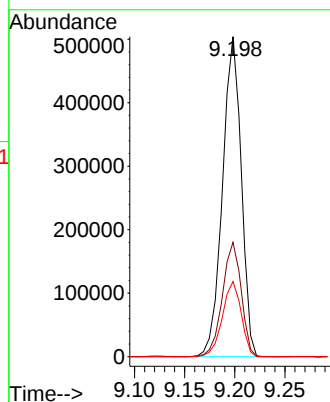
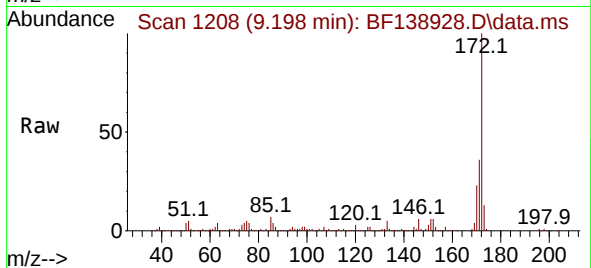
Tgt Ion:172 Resp: 654031

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 41.678 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

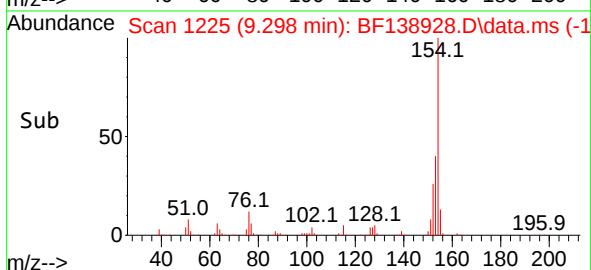
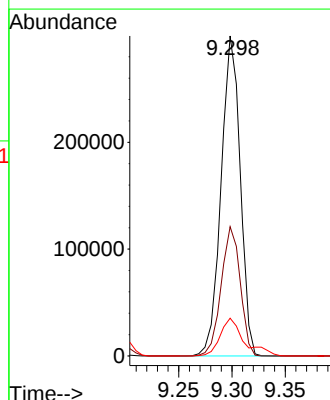
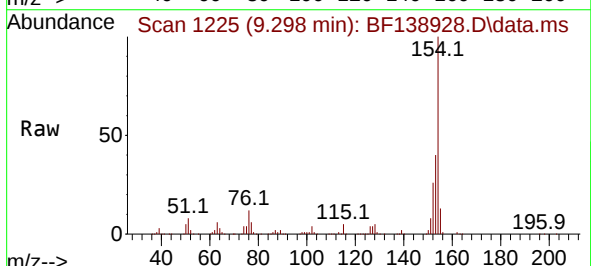
Tgt Ion:154 Resp: 372682

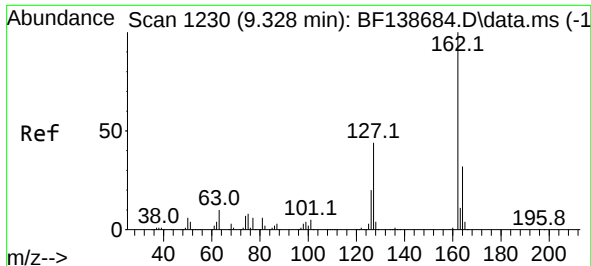
Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

76 11.8 0.0 32.8





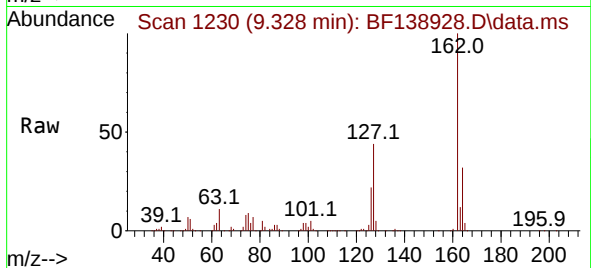
#47
2-Chloronaphthalene
Concen: 43.799 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

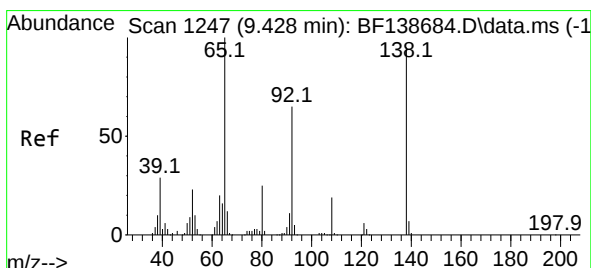
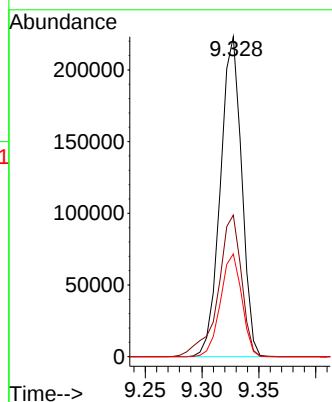
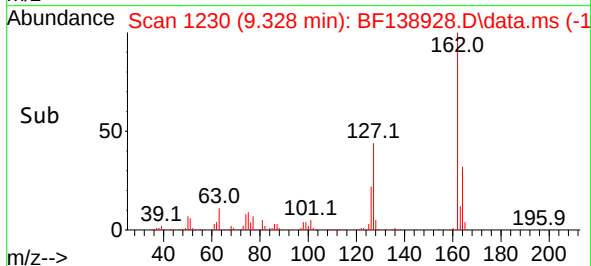
BNA_F

ClientSampleId :

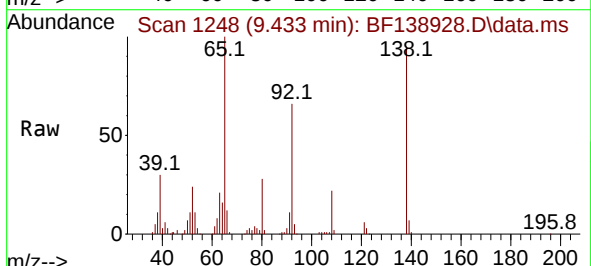
PB162605BS



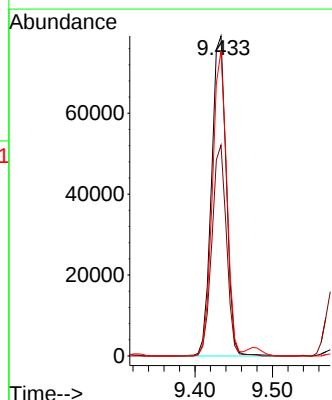
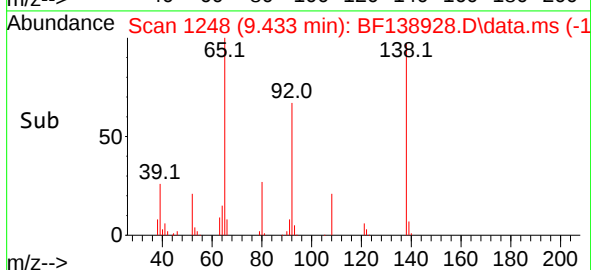
Tgt Ion:162 Resp: 291284
Ion Ratio Lower Upper
162 100
127 44.2 35.4 53.2
164 32.1 25.6 38.4

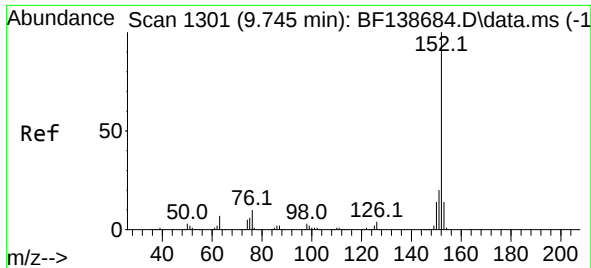


#48
2-Nitroaniline
Concen: 46.465 ng
RT: 9.433 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion: 65 Resp: 104759
Ion Ratio Lower Upper
65 100
92 65.9 52.0 78.0
138 95.3 76.2 114.4





#49

Acenaphthylene

Concen: 48.965 ng

RT: 9.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

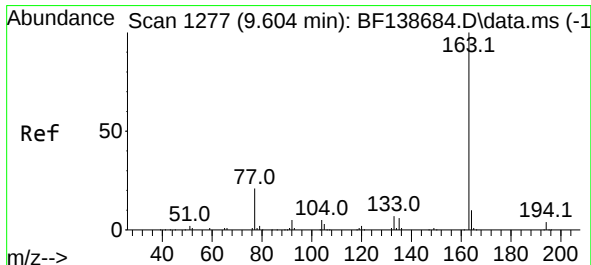
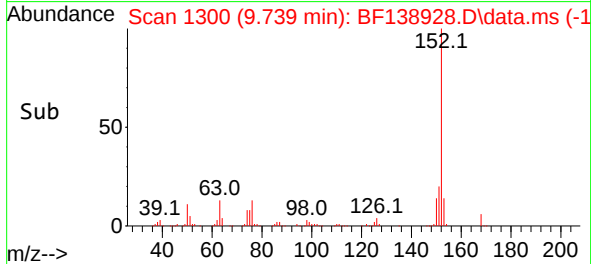
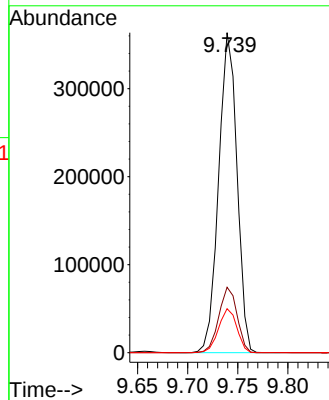
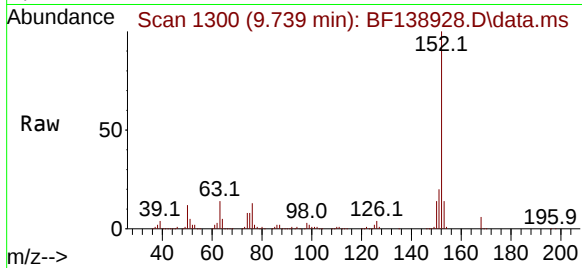
Tgt Ion:152 Resp: 461854

Ion Ratio Lower Upper

152 100

151 20.5 16.0 24.0

153 13.8 11.0 16.4



#50

Dimethylphthalate

Concen: 48.114 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

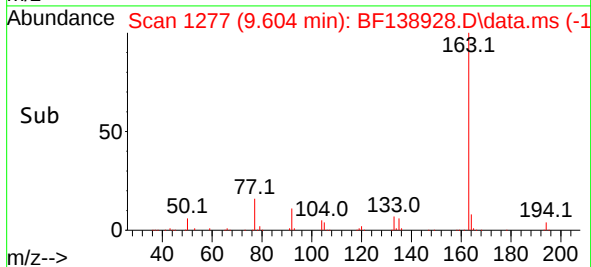
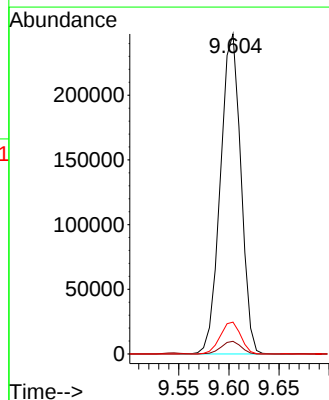
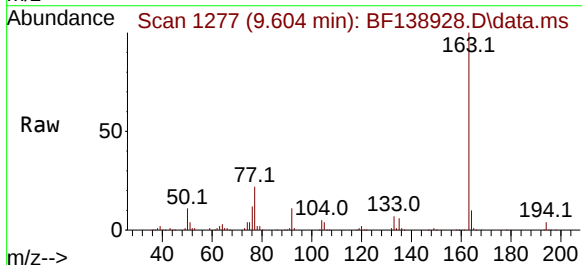
Tgt Ion:163 Resp: 351254

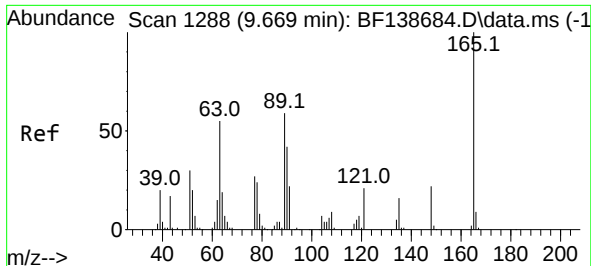
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.9 7.8 11.8

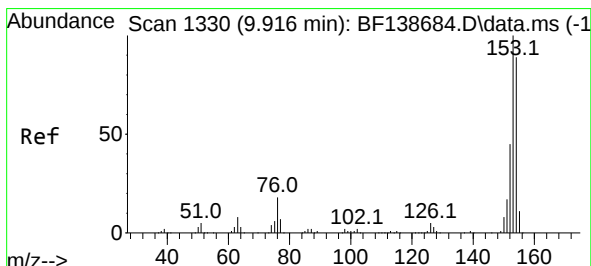
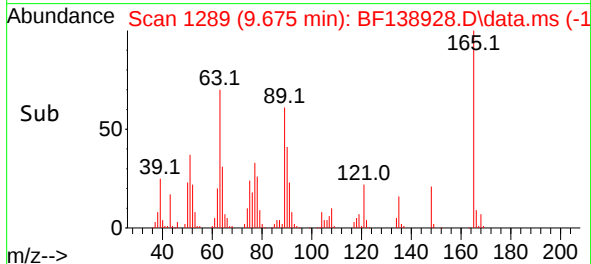
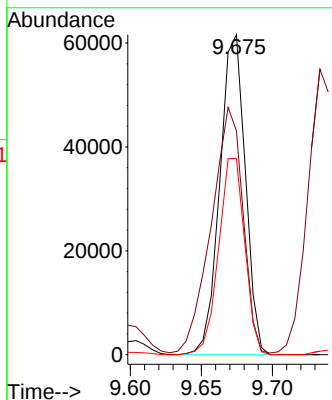
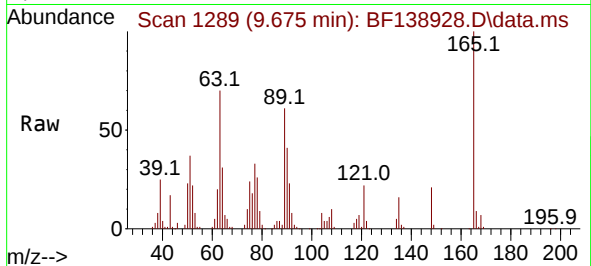




#51
2,6-Dinitrotoluene
Concen: 46.736 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

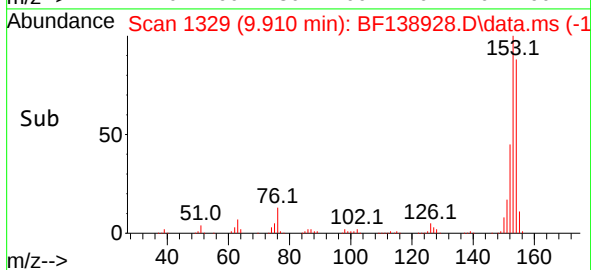
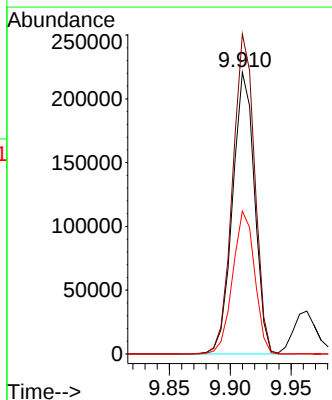
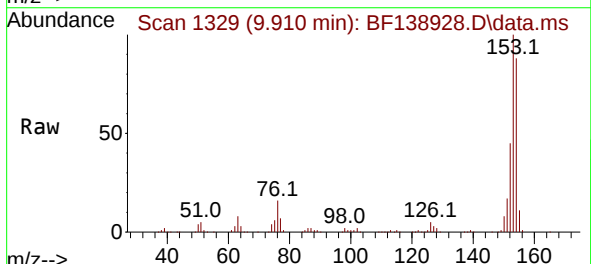
Instrument :
BNA_F
ClientSampleId :
PB162605BS

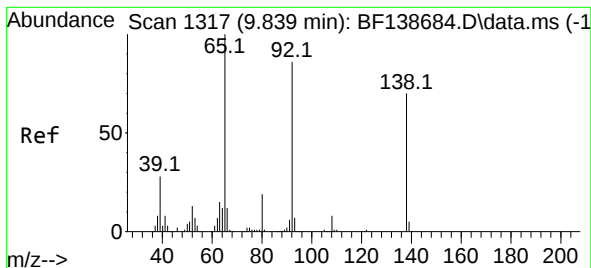
Tgt Ion:165 Resp: 77001
Ion Ratio Lower Upper
165 100
63 70.0 52.0 78.0
89 61.4 47.0 70.6



#52
Acenaphthene
Concen: 43.803 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:154 Resp: 277737
Ion Ratio Lower Upper
154 100
153 113.6 89.9 134.9
152 50.7 40.6 60.8





#53

3-Nitroaniline

Concen: 30.784 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

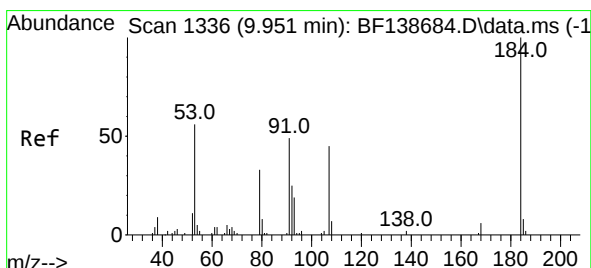
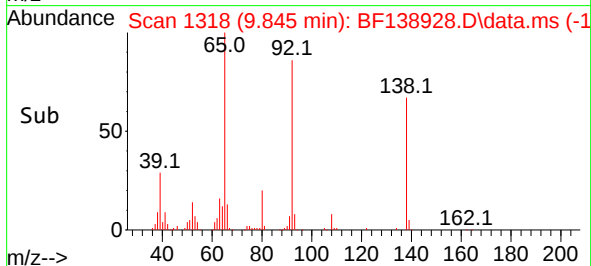
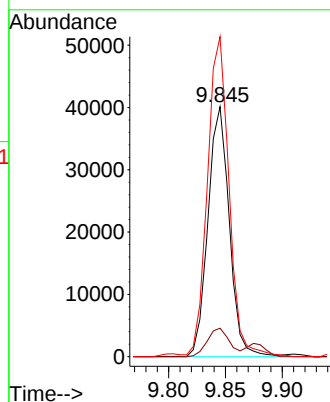
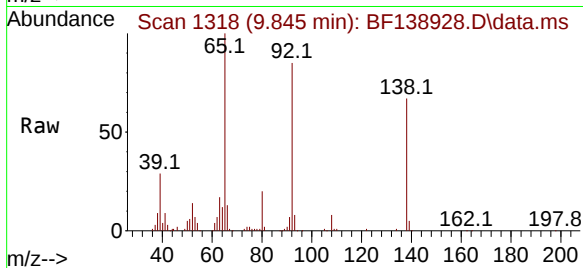
Tgt Ion:138 Resp: 52432

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

92 128.0 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 86.830 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

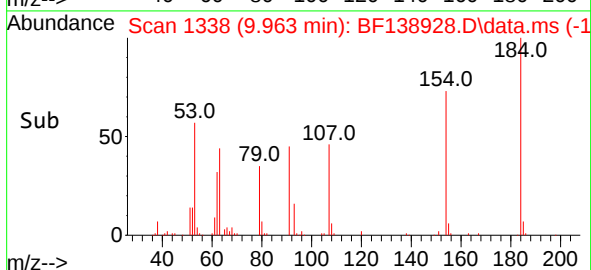
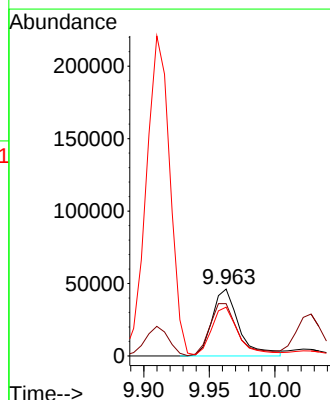
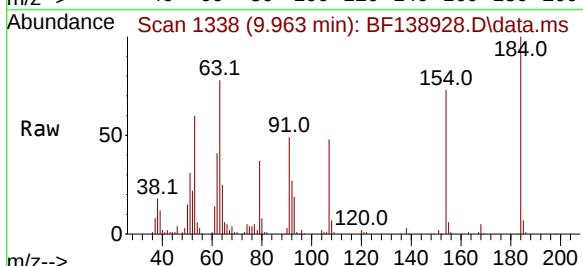
Tgt Ion:184 Resp: 65855

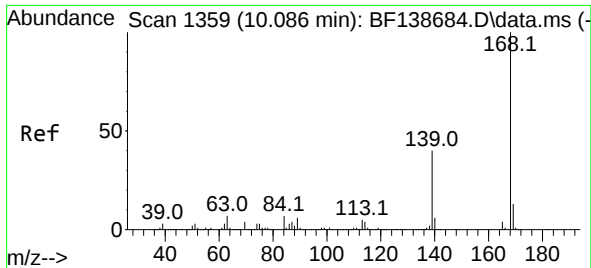
Ion Ratio Lower Upper

184 100

63 78.2 57.5 86.3

154 72.9 51.7 77.5

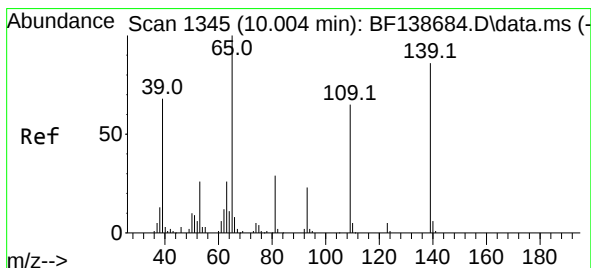
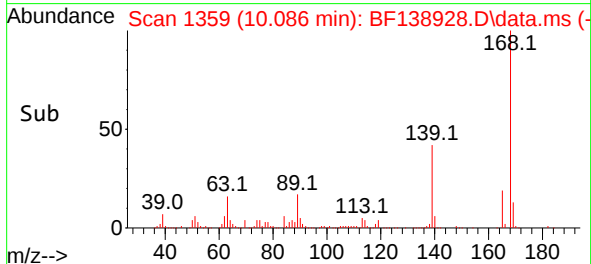
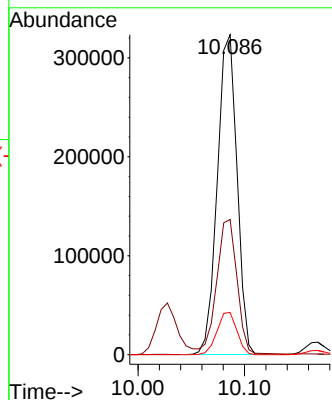
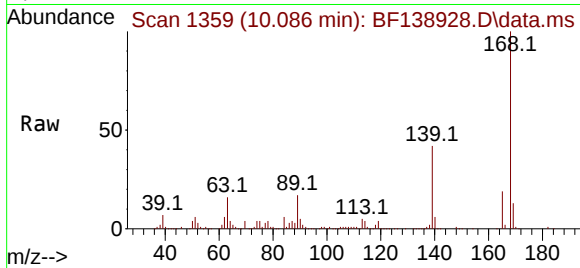




#55
Dibenzofuran
Concen: 46.246 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

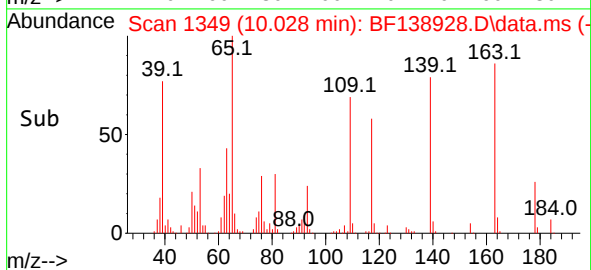
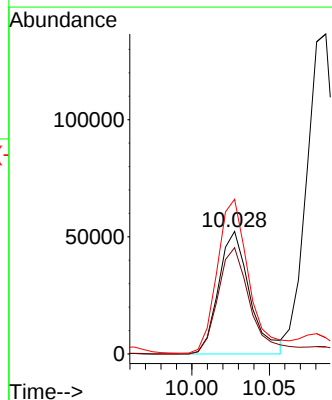
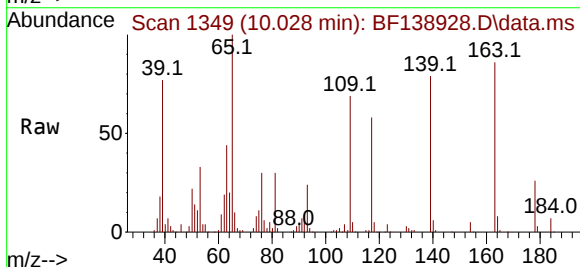
Instrument :
BNA_F
ClientSampleId :
PB162605BS

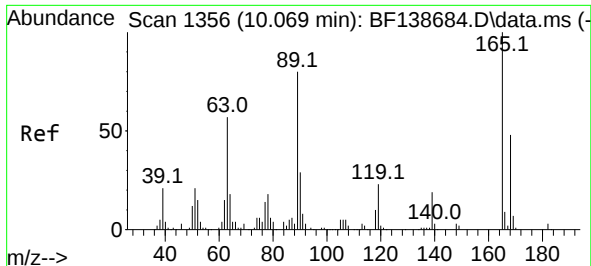
Tgt Ion:168 Resp: 413921
Ion Ratio Lower Upper
168 100
139 42.2 32.6 49.0
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 71.609 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:139 Resp: 73345
Ion Ratio Lower Upper
139 100
109 86.7 55.5 95.5
65 126.2 96.7 136.7

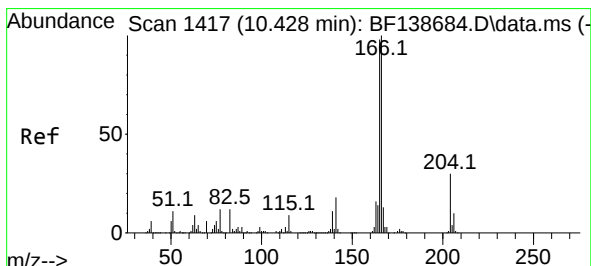
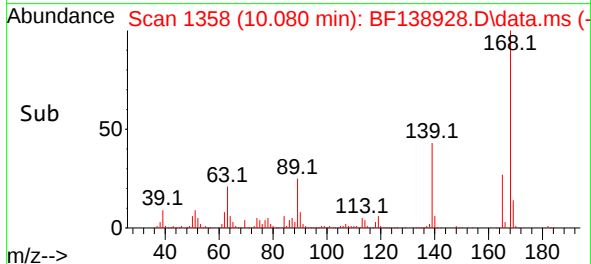
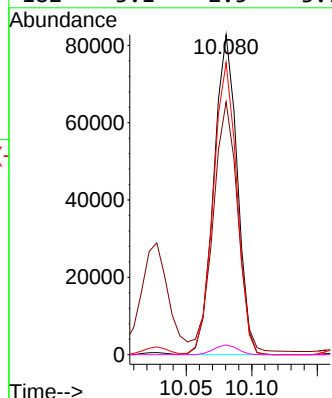
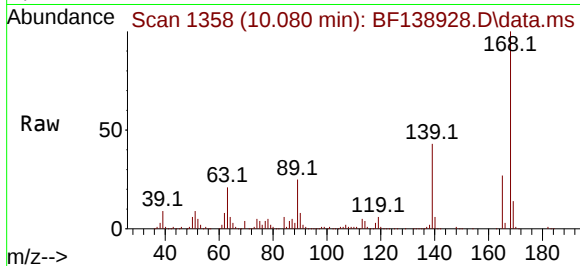




#57
2,4-Dinitrotoluene
Concen: 48.641 ng
RT: 10.080 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

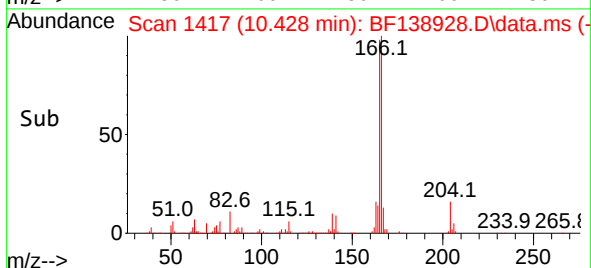
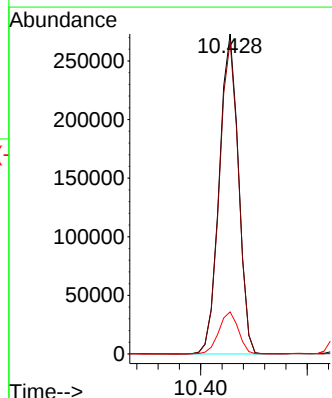
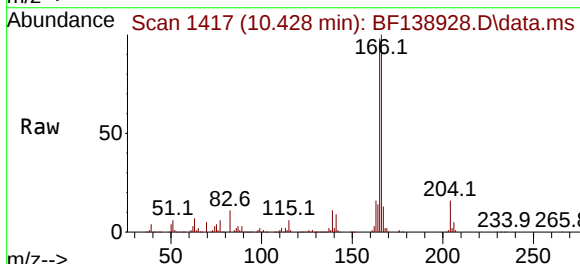
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion:165 Resp: 102246
Ion Ratio Lower Upper
165 100
63 79.0 46.3 69.5#
89 91.2 64.2 96.4
182 3.1 2.5 3.7



#58
Fluorene
Concen: 47.802 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:166 Resp: 340711
Ion Ratio Lower Upper
166 100
165 97.7 78.4 117.6
167 13.2 10.6 16.0

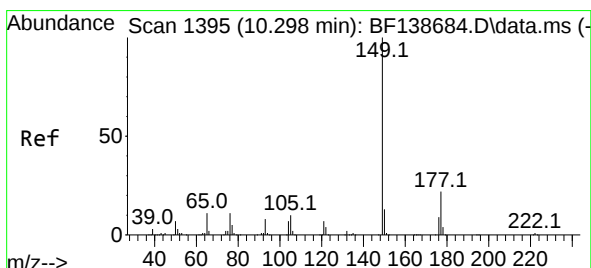
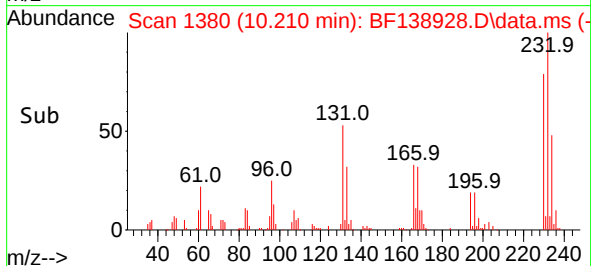
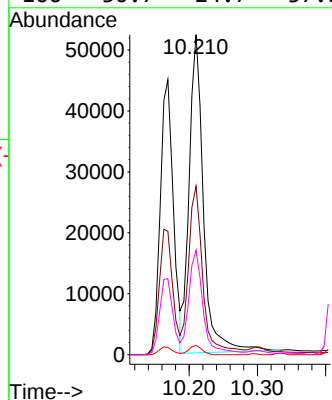
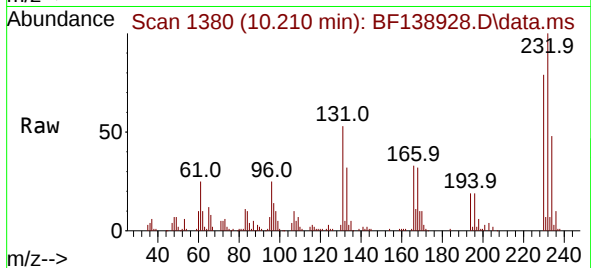




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.847 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

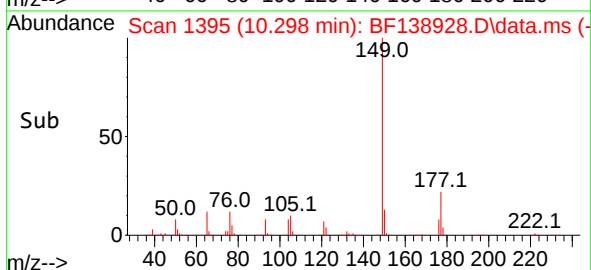
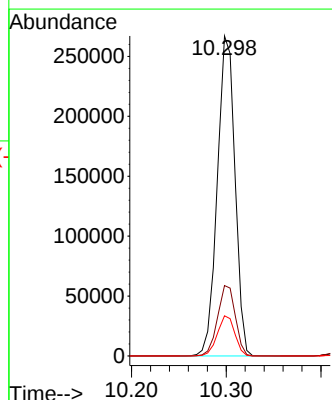
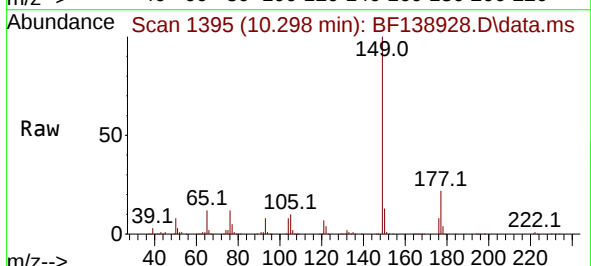
Instrument :
BNA_F
ClientSampleId :
PB162605BS

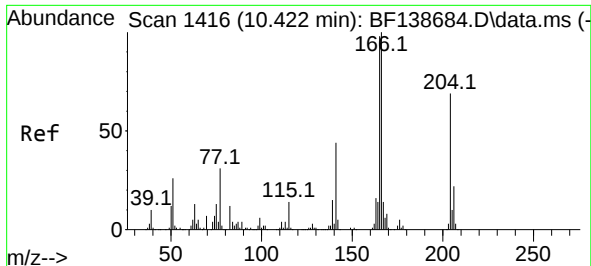
Tgt Ion:232 Resp: 75715
Ion Ratio Lower Upper
232 100
131 52.4 37.0 55.4
130 2.6 2.0 3.0
166 30.7 24.7 37.1



#60
Diethylphthalate
Concen: 50.131 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:149 Resp: 347012
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.5 10.1 15.1

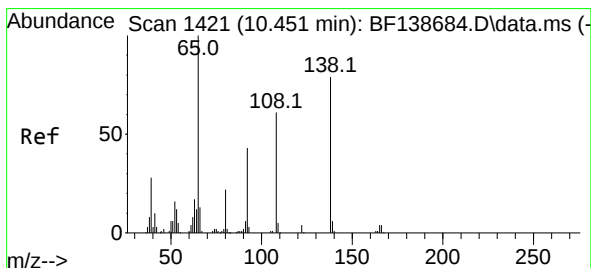
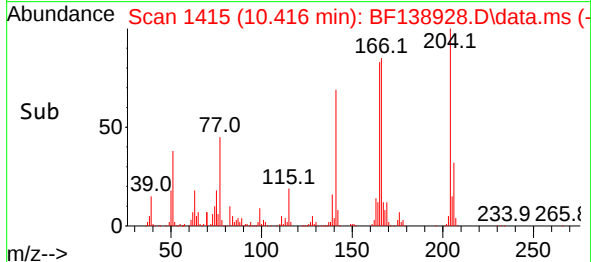
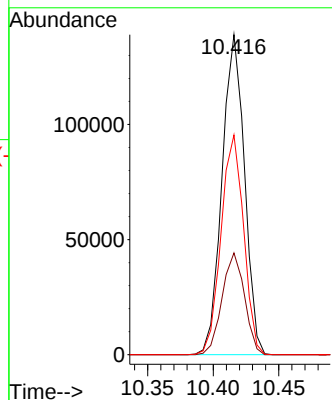
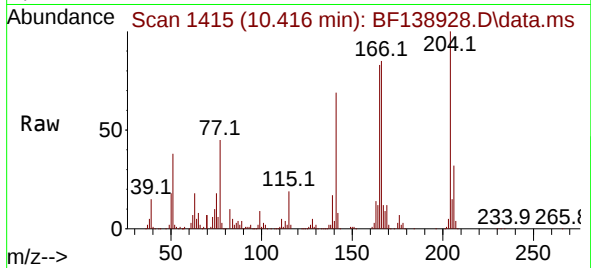




#61
4-Chlorophenyl-phenylether
Concen: 47.159 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

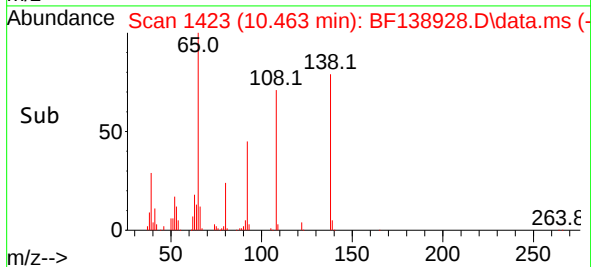
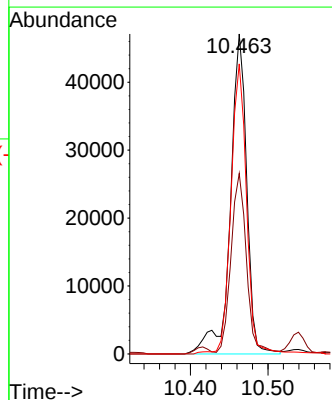
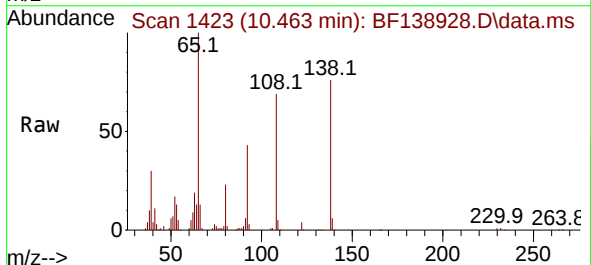
Instrument :
BNA_F
ClientSampleId :
PB162605BS

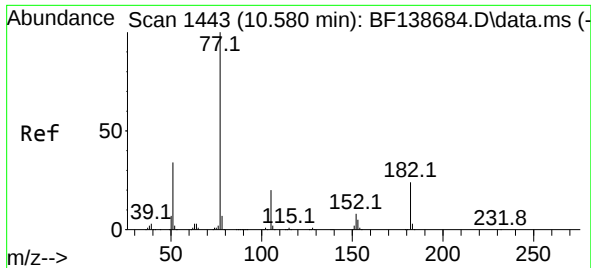
Tgt Ion:204 Resp: 165314
Ion Ratio Lower Upper
204 100
206 31.8 26.1 39.1
141 68.7 51.4 77.0



#62
4-Nitroaniline
Concen: 42.778 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:138 Resp: 69241
Ion Ratio Lower Upper
138 100
92 56.4 34.2 74.2
108 90.6 56.2 96.2

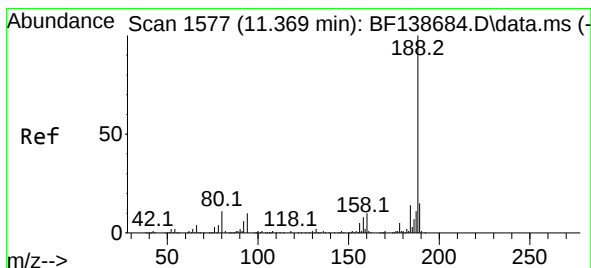
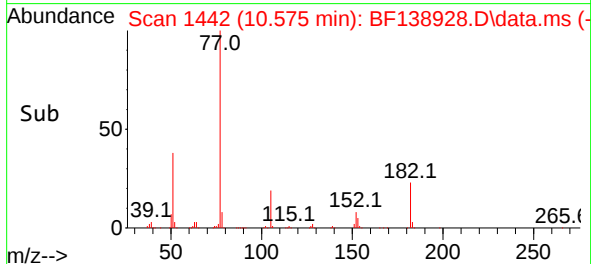
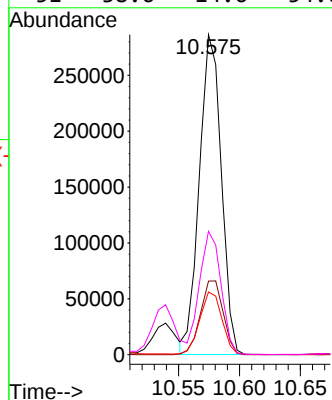
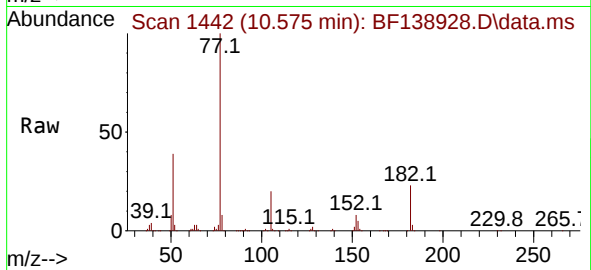




#63
Azobenzene
Concen: 46.651 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

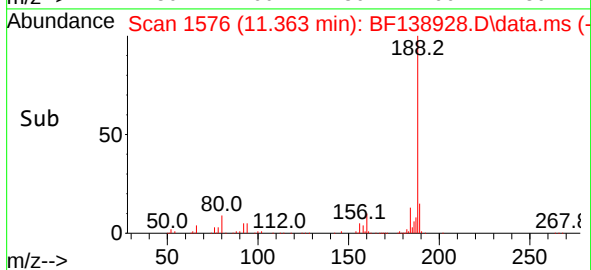
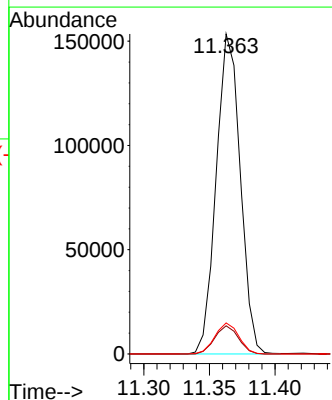
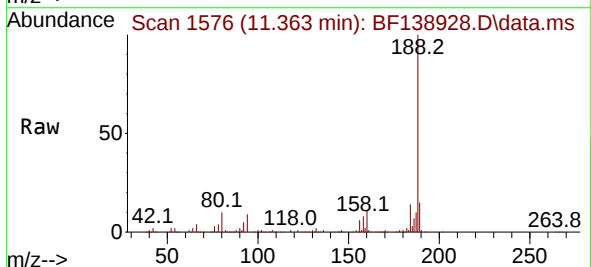
Instrument :
BNA_F
ClientSampleId :
PB162605BS

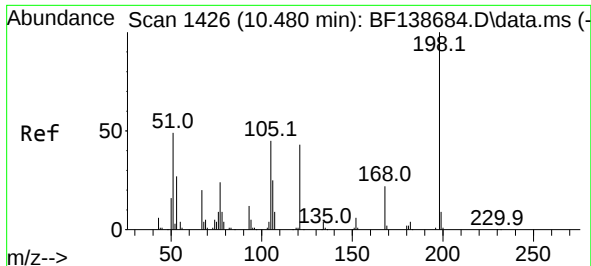
Tgt Ion: 77	Resp: 358157
Ion Ratio	Lower Upper
77 100	
182 23.0	3.4 43.4
105 19.6	0.2 40.2
51 38.6	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:188	Resp: 195578
Ion Ratio	Lower Upper
188 100	
94 8.8	7.6 11.4
80 9.7	8.6 12.8

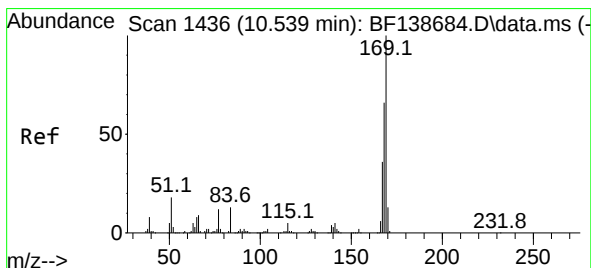
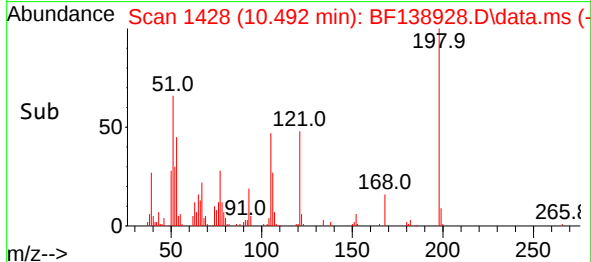
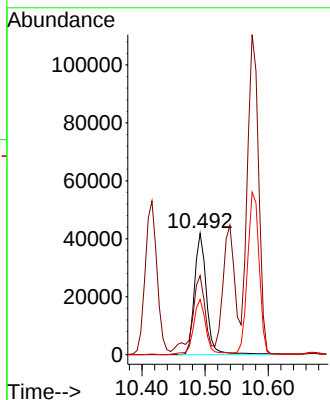
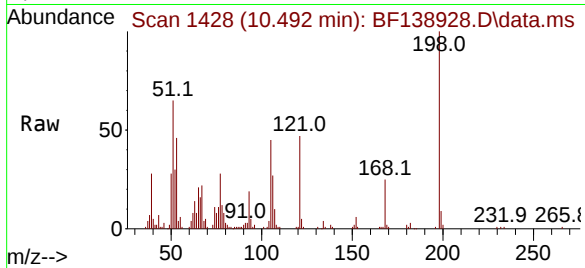




#65
4,6-Dinitro-2-methylphenol
Concen: 46.802 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

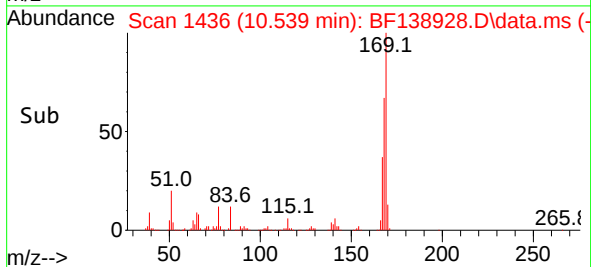
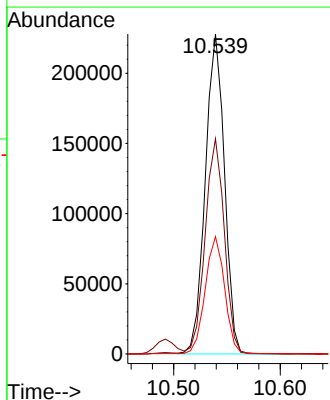
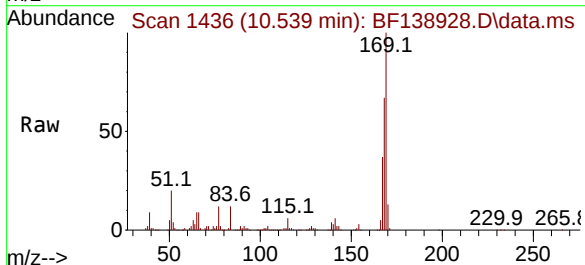
Instrument :
BNA_F
ClientSampleId :
PB162605BS

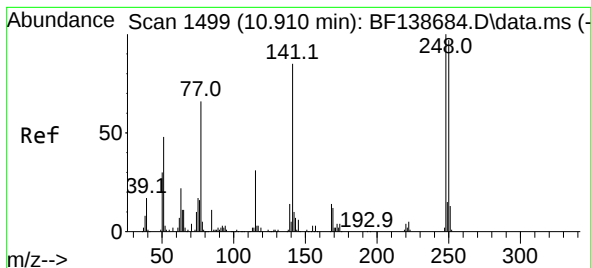
Tgt Ion:198 Resp: 55844
Ion Ratio Lower Upper
198 100
51 65.2 39.9 79.9
105 45.5 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 46.668 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:169 Resp: 285296
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.6
167 36.7 29.0 43.6

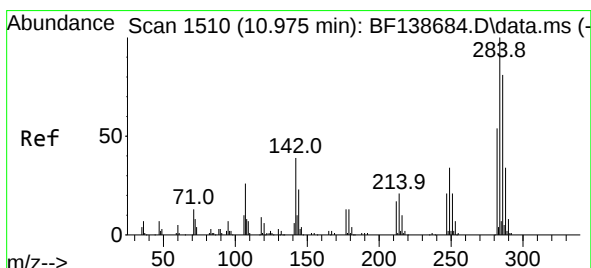
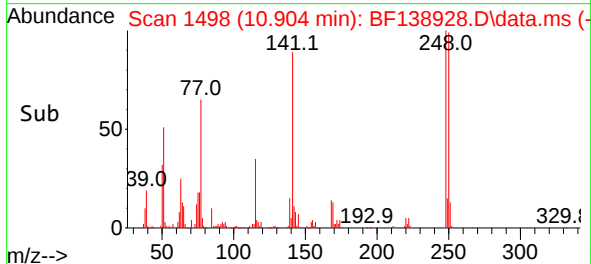
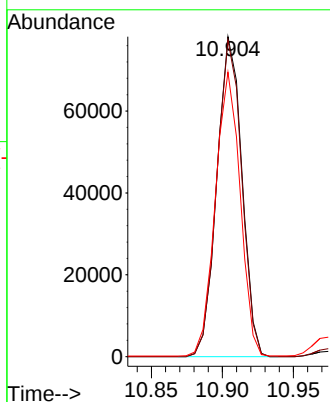
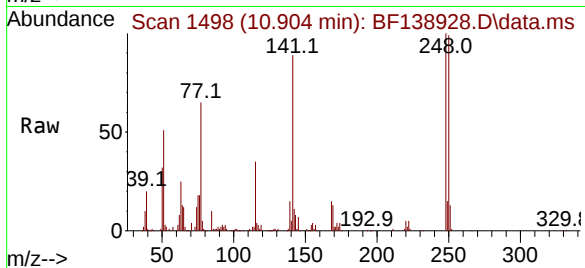




#67
4-Bromophenyl-phenylether
Concen: 45.286 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

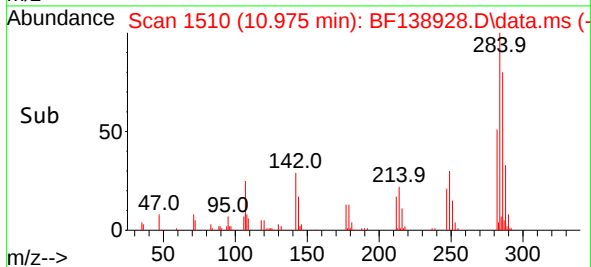
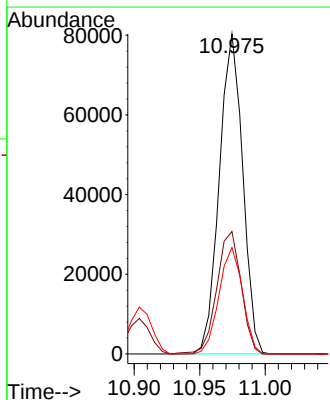
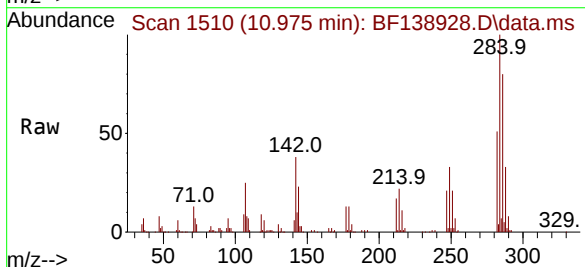
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion:248 Resp: 95893
Ion Ratio Lower Upper
248 100
250 98.9 77.7 116.5
141 88.9 68.0 102.0



#68
Hexachlorobenzene
Concen: 45.540 ng
RT: 10.975 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:284 Resp: 99566
Ion Ratio Lower Upper
284 100
142 38.3 31.3 46.9
249 33.3 27.2 40.8





#69

Atrazine

Concen: 53.522 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

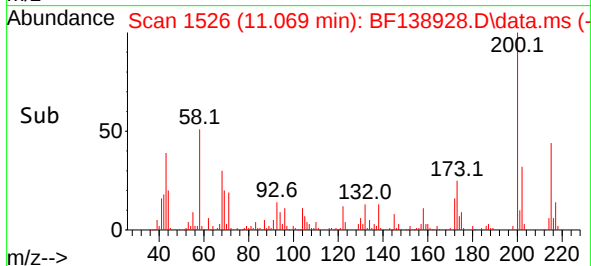
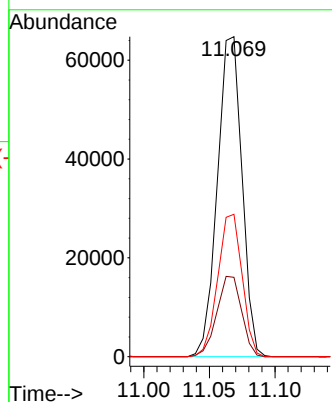
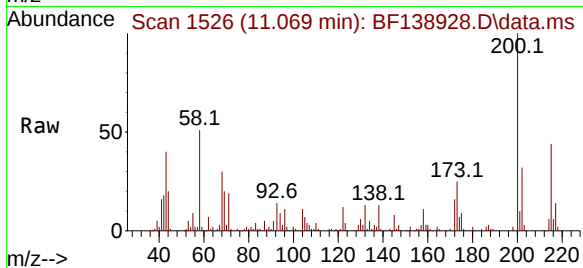
Tgt Ion:200 Resp: 84417

Ion Ratio Lower Upper

200 100

173 24.8 6.0 46.0

215 44.5 26.1 66.1



#70

Pentachlorophenol

Concen: 73.719 ng

RT: 11.180 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

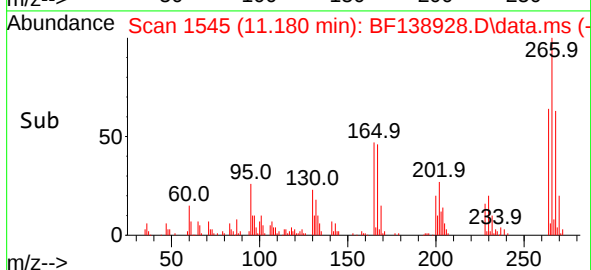
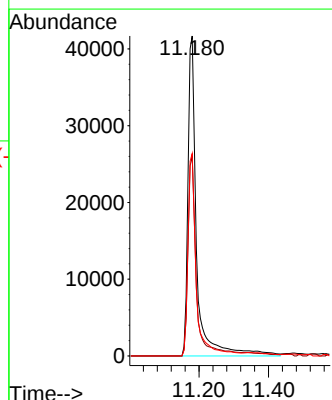
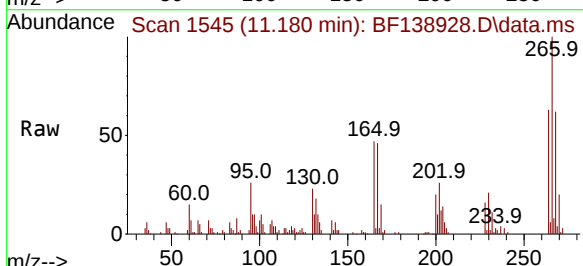
Tgt Ion:266 Resp: 72648

Ion Ratio Lower Upper

266 100

268 62.4 49.2 73.8

264 63.3 49.8 74.6

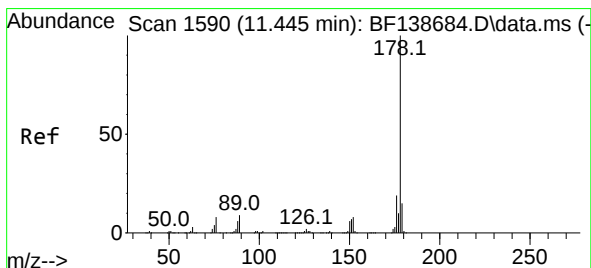
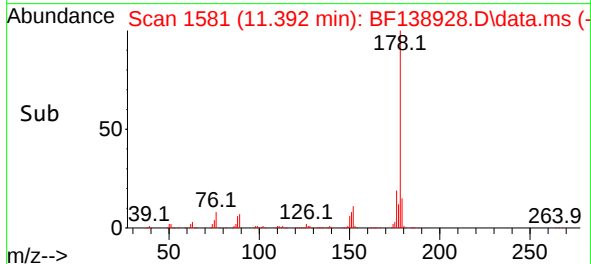
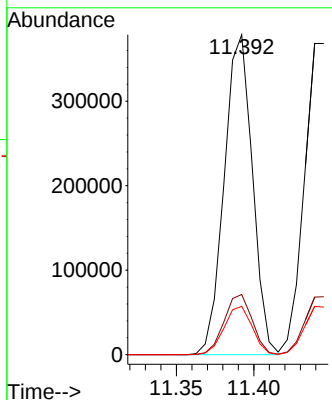
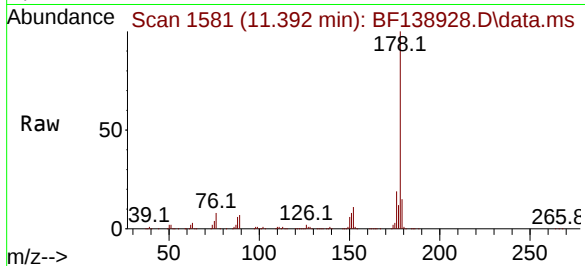




#71
Phenanthrene
Concen: 47.555 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

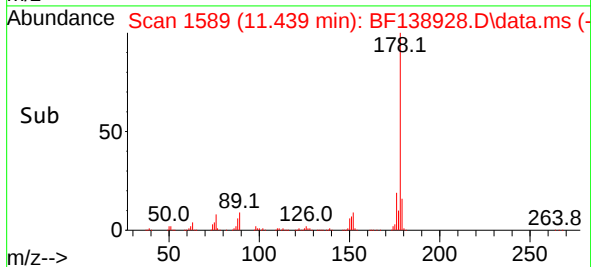
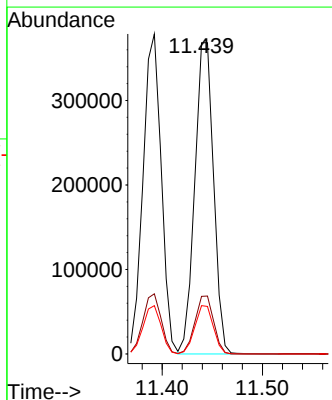
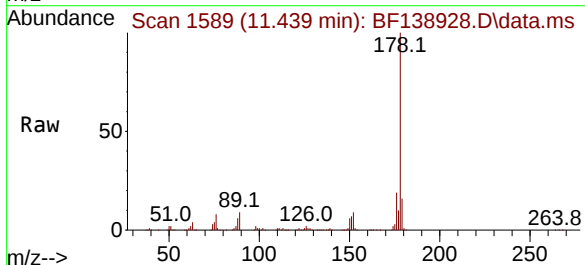
Instrument :
BNA_F
ClientSampleId :
PB162605BS

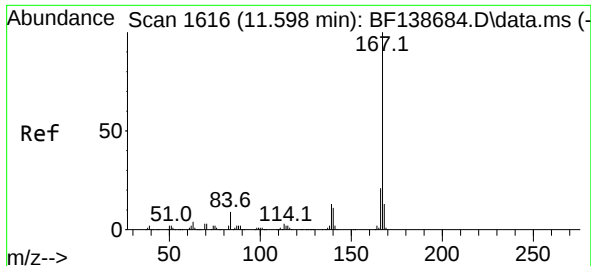
Tgt Ion:178 Resp: 478911
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.1 12.2 18.2



#72
Anthracene
Concen: 48.525 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:178 Resp: 481422
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.5 12.4 18.6

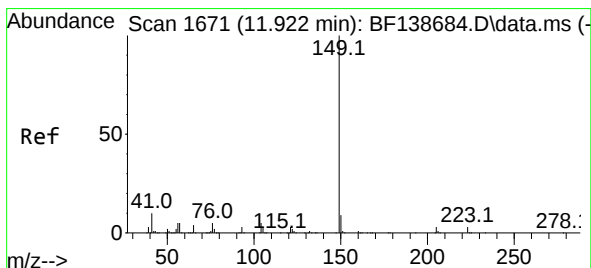
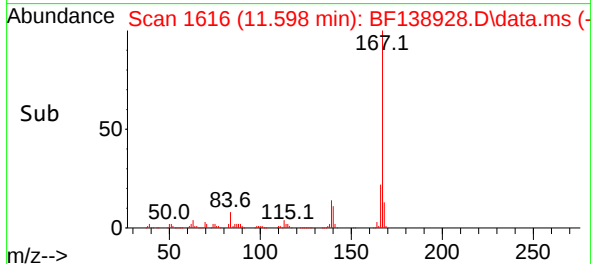
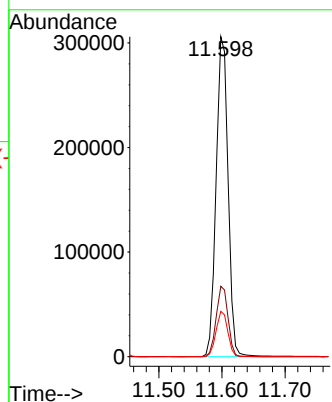
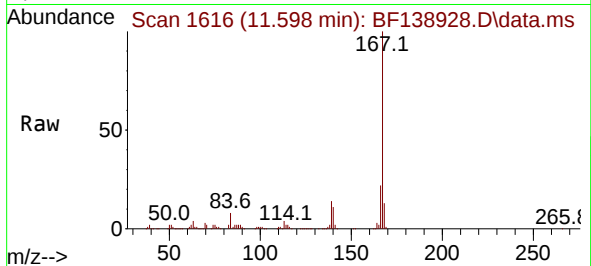




#73
 Carbazole
 Concen: 46.958 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF138928.D
 Acq: 12 Aug 2024 12:07

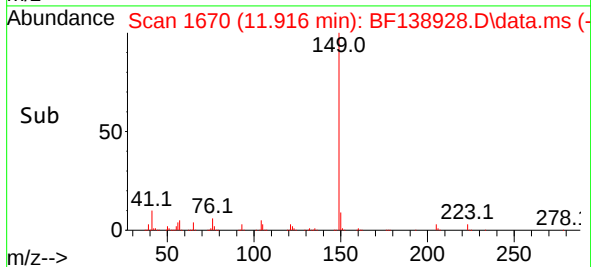
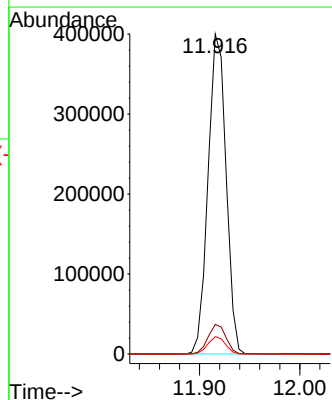
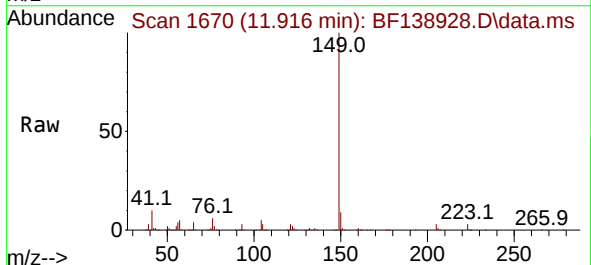
Instrument :
 BNA_F
 ClientSampleId :
 PB162605BS

Tgt Ion:167 Resp: 401931
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 14.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 51.889 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138928.D
 Acq: 12 Aug 2024 12:07

Tgt Ion:149 Resp: 499285
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.4 4.1 6.1

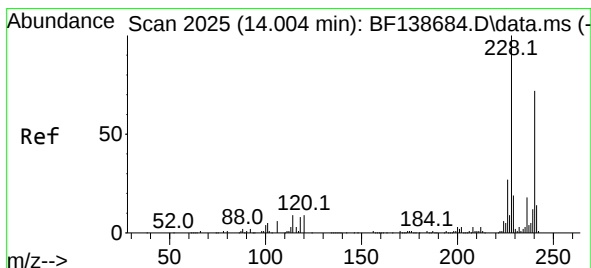
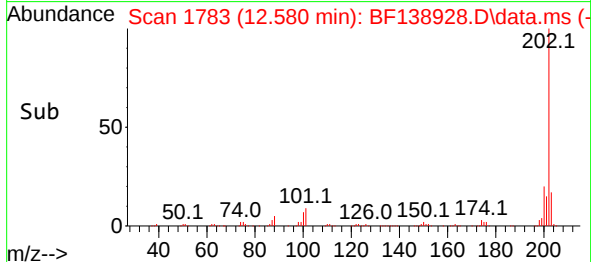
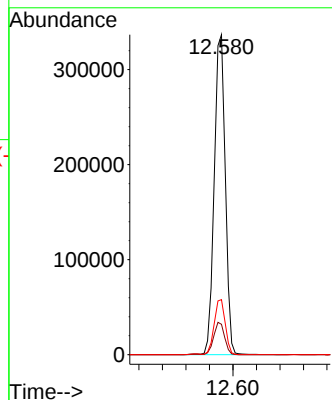
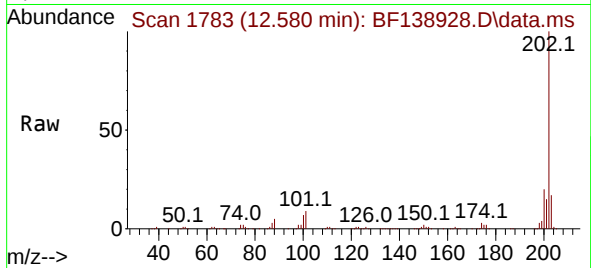




#75
Fluoranthene
Concen: 46.706 ng
RT: 12.580 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

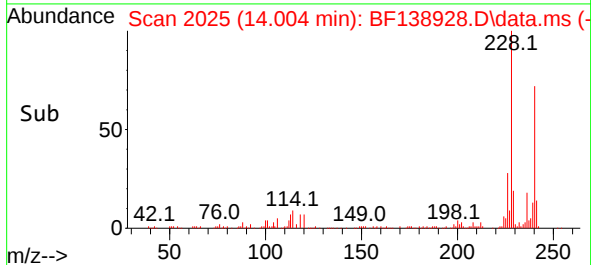
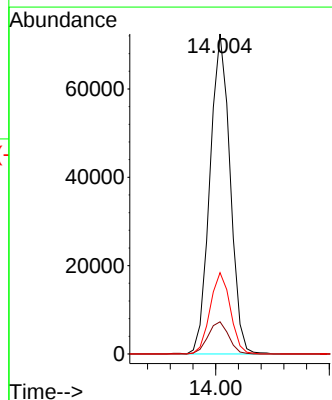
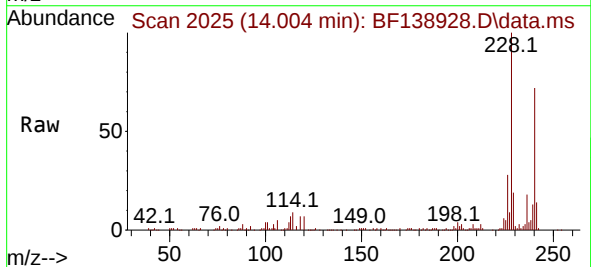
Instrument :
BNA_F
ClientSampleId :
PB162605BS

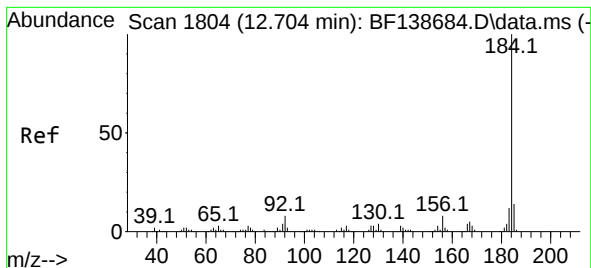
Tgt Ion:202 Resp: 439113
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.2
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:240 Resp: 89281
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 25.4 19.8 29.8





#77

Benzidine

Concen: 14.530 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

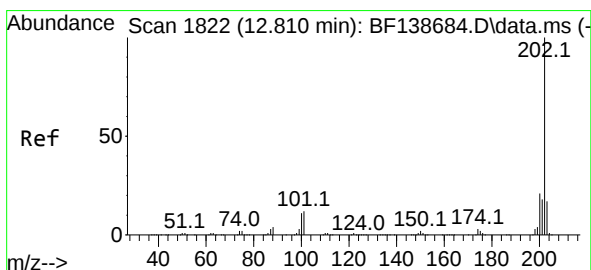
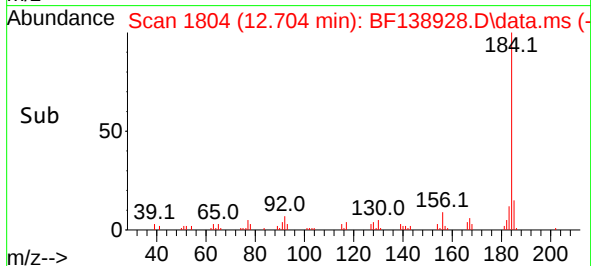
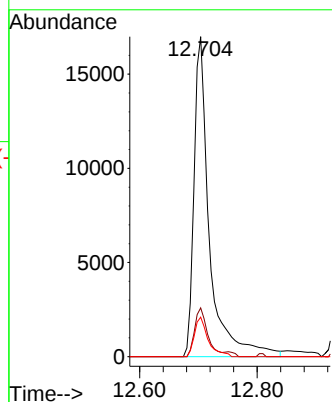
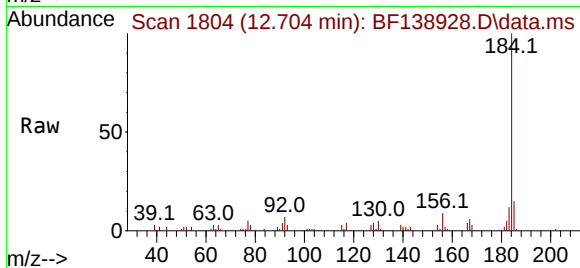
Tgt Ion:184 Resp: 31027

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

183 12.3 9.6 14.4



#78

Pyrene

Concen: 51.651 ng

RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

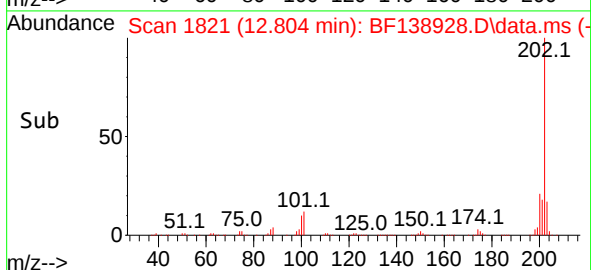
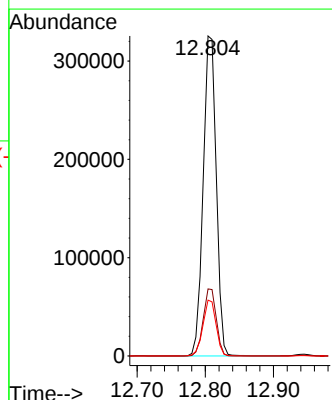
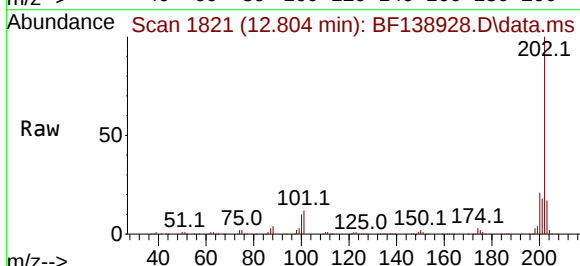
Tgt Ion:202 Resp: 434181

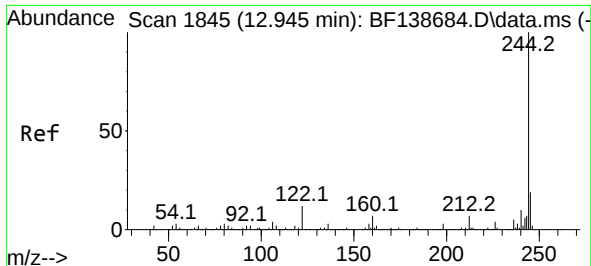
Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

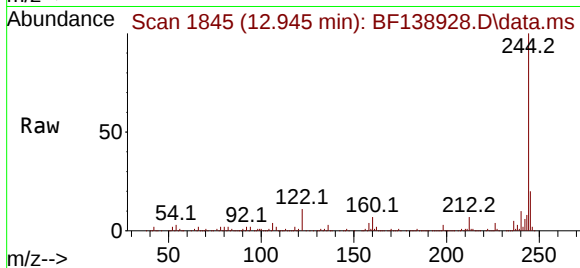
203 17.4 13.8 20.6



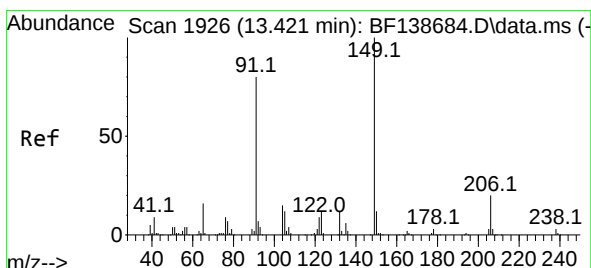
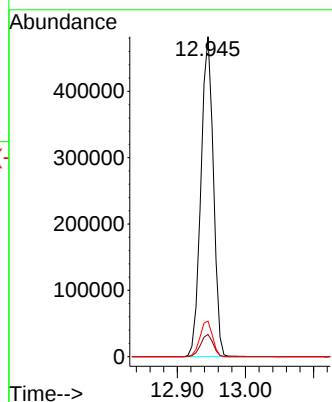
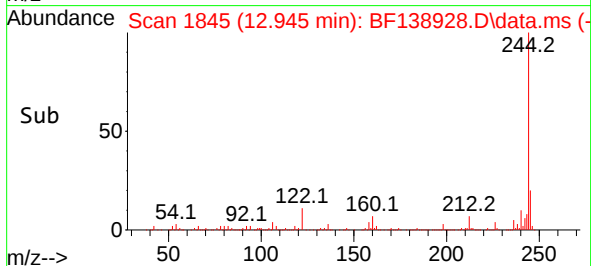


#79
 Terphenyl-d14
 Concen: 115.065 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: BF138928.D
 Acq: 12 Aug 2024 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB162605BS

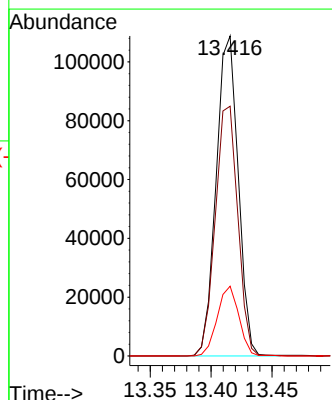
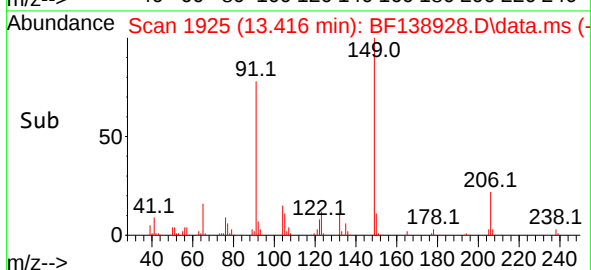
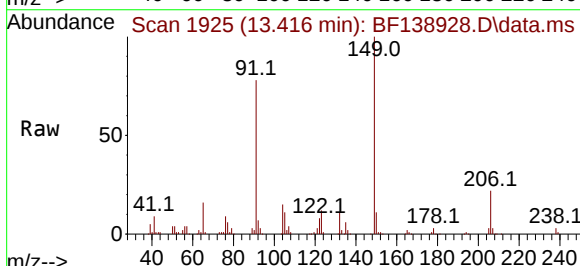


Tgt Ion:244 Resp: 613590
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.1 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 50.980 ng
 RT: 13.416 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF138928.D
 Acq: 12 Aug 2024 12:07

Tgt Ion:149 Resp: 137232
 Ion Ratio Lower Upper
 149 100
 91 78.0 63.7 95.5
 206 21.8 16.2 24.2

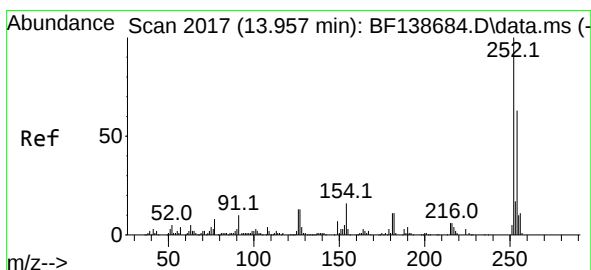
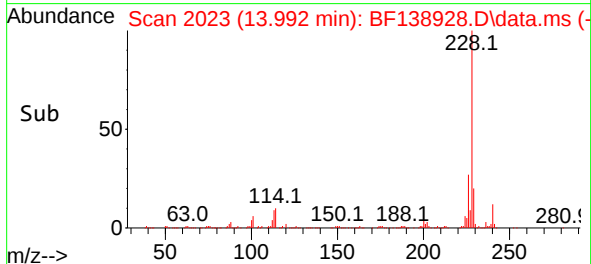
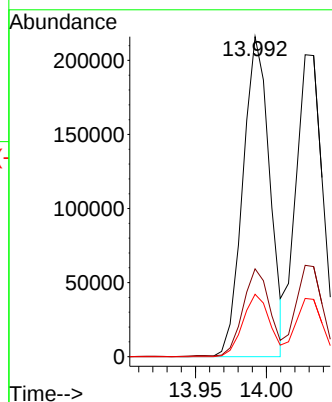
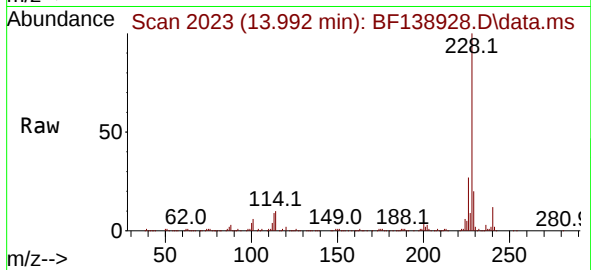




#81
Benzo(a)anthracene
Concen: 46.130 ng
RT: 13.992 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

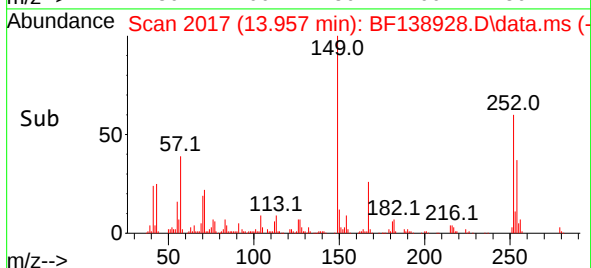
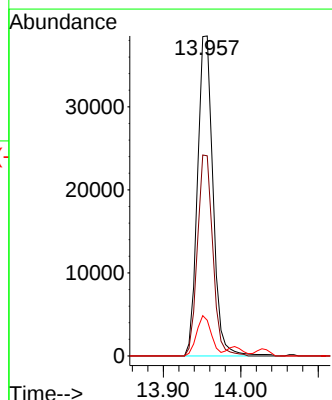
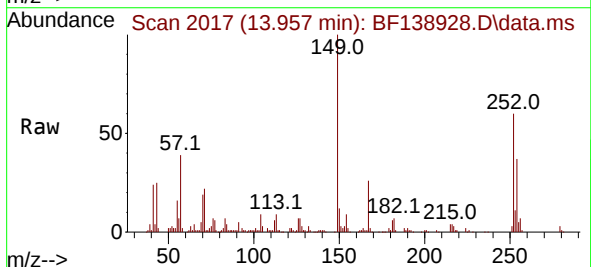
Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion:228 Resp: 283608
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.5 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 34.053 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:252 Resp: 53577
Ion Ratio Lower Upper
252 100
254 62.6 50.8 76.2
126 11.2 10.2 15.2





#83

Chrysene

Concen: 47.975 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

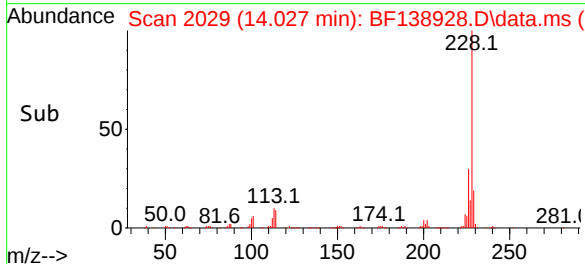
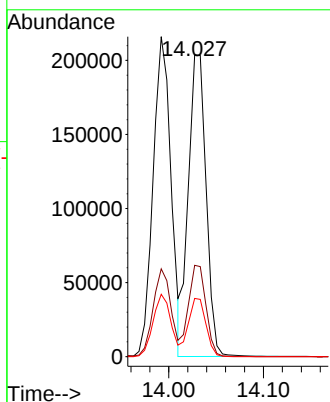
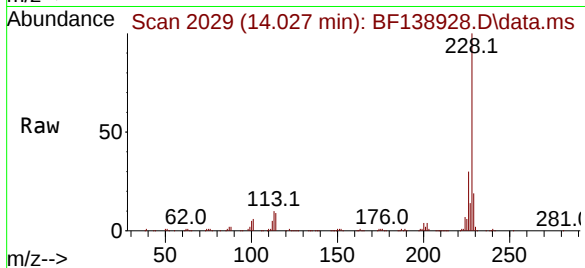
Tgt Ion:228 Resp: 266108

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

229 19.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.273 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

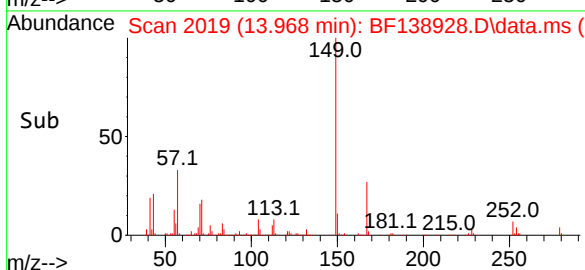
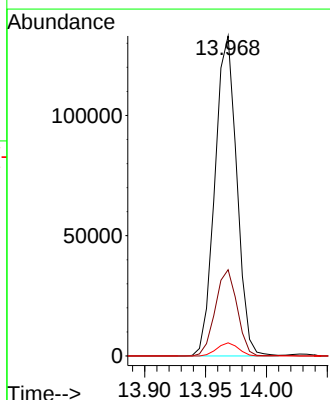
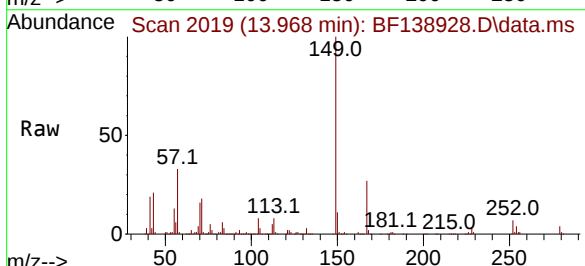
Tgt Ion:149 Resp: 166631

Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 40.133 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

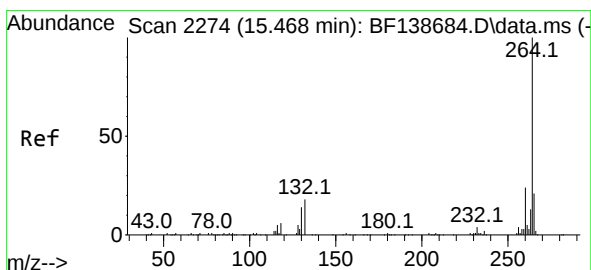
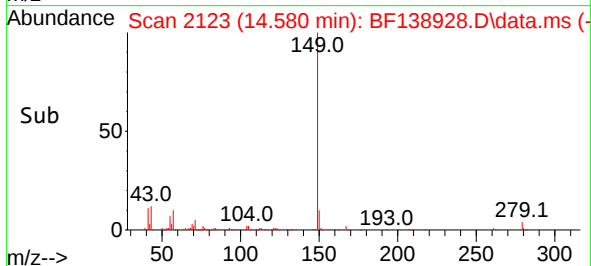
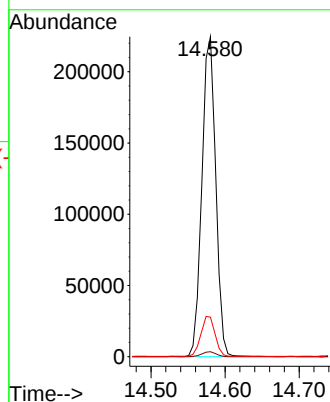
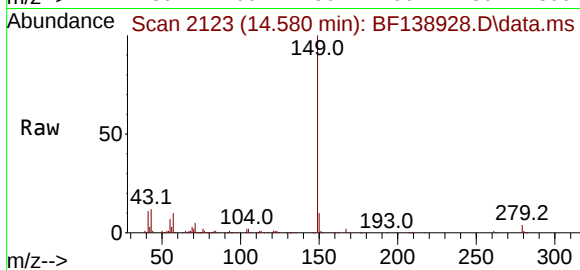
Tgt Ion:149 Resp: 292690

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 12.8 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

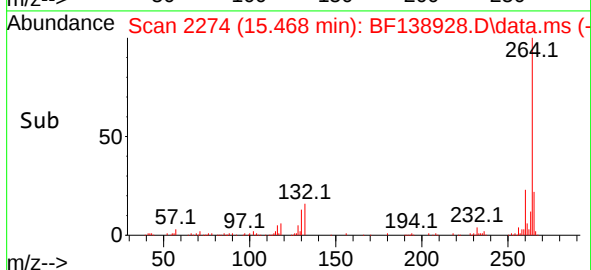
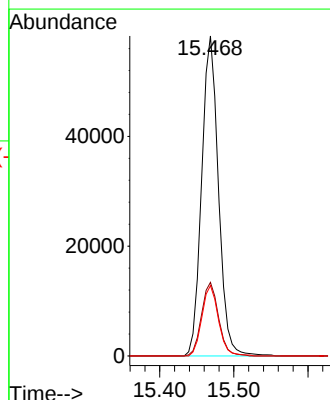
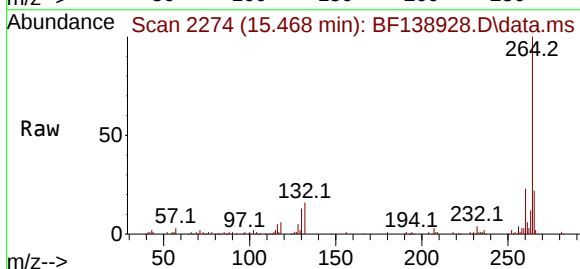
Tgt Ion:264 Resp: 91704

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.785 ng

RT: 16.951 min Scan# 2

Delta R.T. 0.012 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

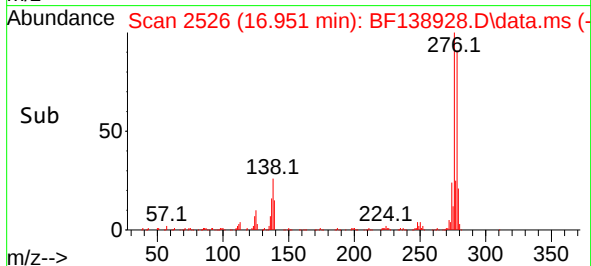
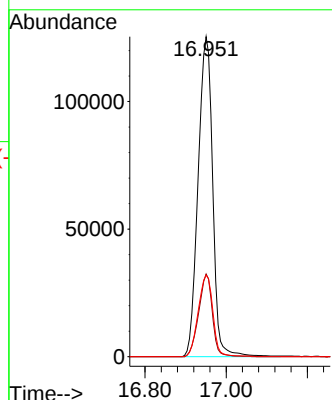
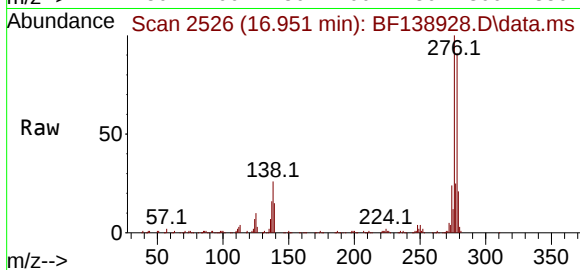
Tgt Ion:276 Resp: 314038

Ion Ratio Lower Upper

276 100

138 24.0 21.8 32.8

277 25.6 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 49.366 ng

RT: 15.039 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

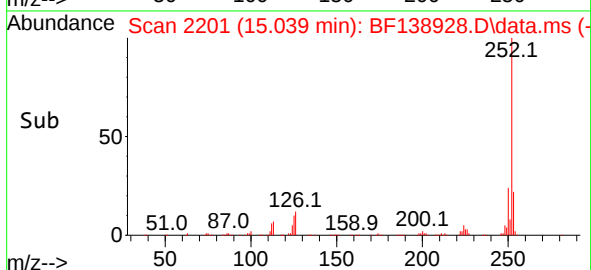
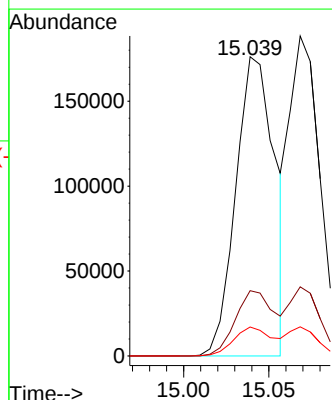
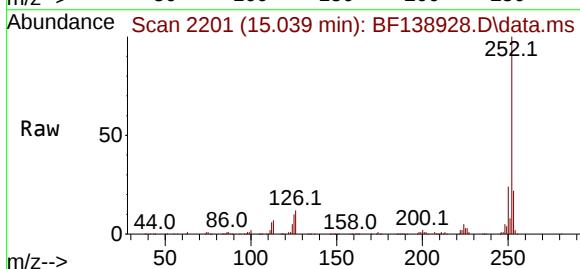
Tgt Ion:252 Resp: 280632

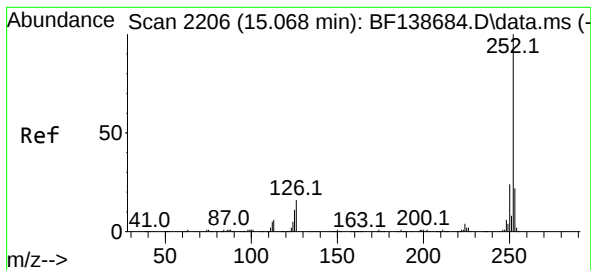
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.7 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 48.215 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

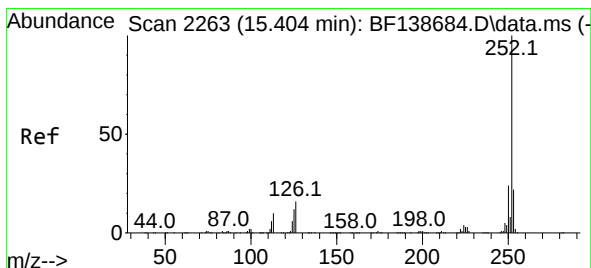
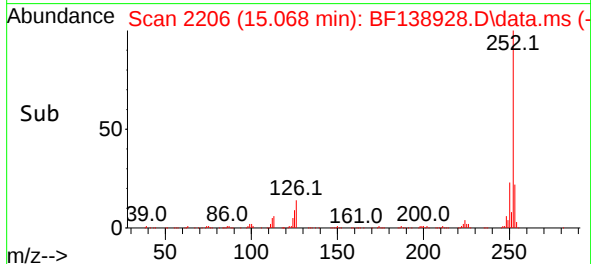
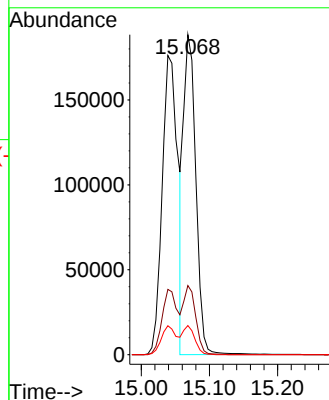
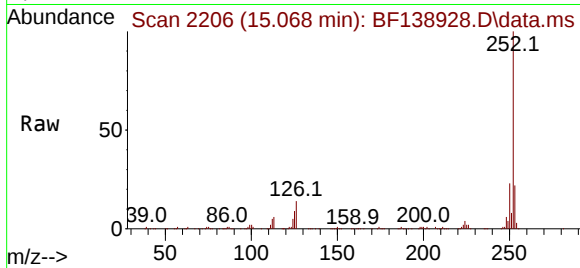
Tgt Ion:252 Resp: 237312

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.1 8.6 13.0



#90

Benzo(a)pyrene

Concen: 52.061 ng

RT: 15.410 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

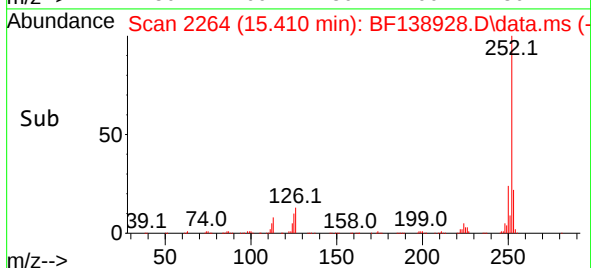
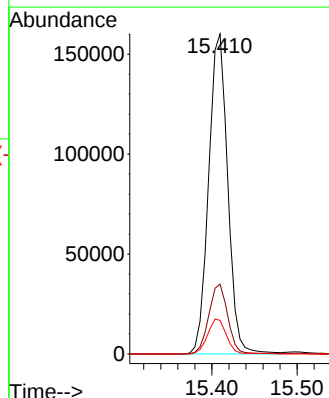
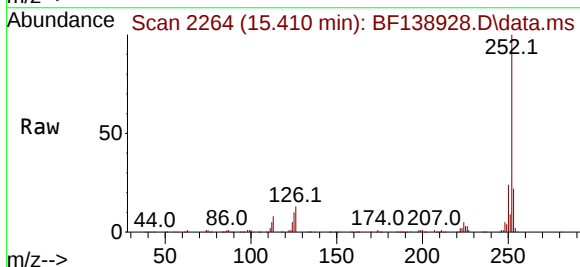
Tgt Ion:252 Resp: 248942

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.5 9.5 14.3

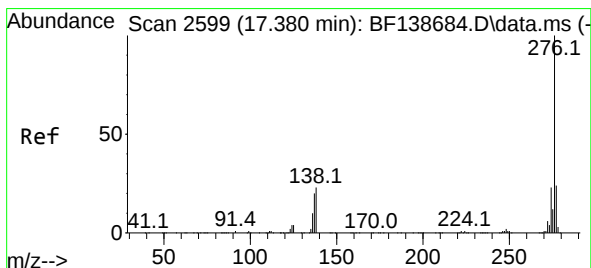
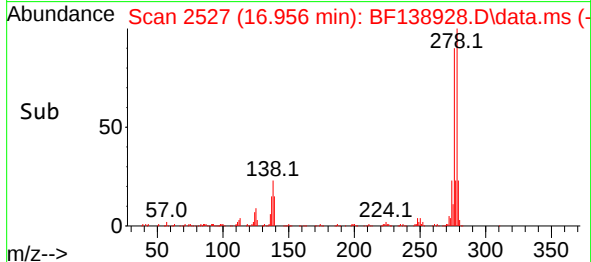
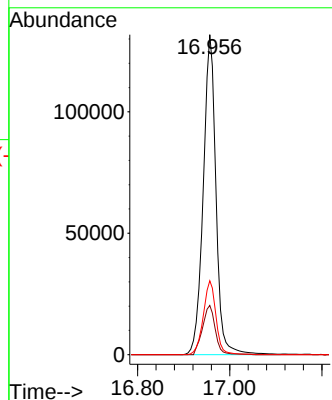
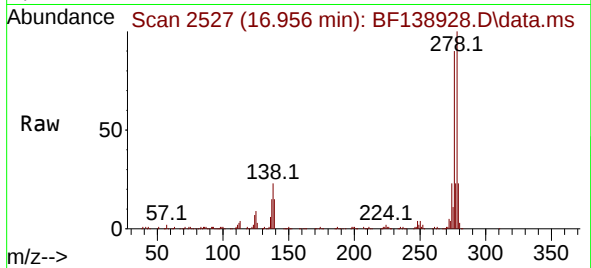




#91
Dibenzo(a,h)anthracene
Concen: 47.223 ng
RT: 16.956 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion:278 Resp: 254752
Ion Ratio Lower Upper
278 100
139 15.4 14.0 21.0
279 23.1 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 43.131 ng
RT: 17.392 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:276 Resp: 241447
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 20.0 18.5 27.7

