

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138807.D
 Acq On : 06 Aug 2024 13:50
 Operator : RC/JU
 Sample : PB162473BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162473BS

Quant Time: Aug 06 14:15:42 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	6.845	152	50899	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	212590	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	122030	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	208053	20.000	ng	0.00
76) Chrysene-d12	14.004	240	105962	20.000	ng	0.00
86) Perylene-d12	15.462	264	92958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	432295	131.105	ng	0.02
7) Phenol-d6	6.492	99	567012	128.081	ng	0.00
23) Nitrobenzene-d5	7.410	82	365641	84.090	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	141172	141.230	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	703864	86.663	ng	0.00
79) Terphenyl-d14	12.945	244	702053	110.929	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	44636	30.920	ng	98
3) Pyridine	3.469	79	120390	34.427	ng	95
4) n-Nitrosodimethylamine	3.428	42	99668	47.854	ng	87
6) Aniline	6.510	93	134466	34.059	ng	# 22
8) 2-Chlorophenol	6.634	128	170727	49.213	ng	97
9) Benzaldehyde	6.398	77	119955	45.202	ng	99
10) Phenol	6.510	94	221907	47.608	ng	88
11) bis(2-Chloroethyl)ether	6.581	93	157740	43.977	ng	99
12) 1,3-Dichlorobenzene	6.781	146	172851	44.511	ng	98
13) 1,4-Dichlorobenzene	6.863	146	178844	45.636	ng	99
14) 1,2-Dichlorobenzene	7.010	146	167238	45.662	ng	99
15) Benzyl Alcohol	6.992	79	161178	50.515	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	251820	40.795	ng	59
17) 2-Methylphenol	7.110	107	138040	48.188	ng	# 88
18) Hexachloroethane	7.351	117	66602	45.148	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	128488	48.054	ng	98
20) 3+4-Methylphenols	7.263	107	182853	49.750	ng	# 81
22) Acetophenone	7.257	105	226097	43.436	ng	98
24) Nitrobenzene	7.434	77	188239	42.544	ng	98
25) Isophorone	7.669	82	339060	45.666	ng	99
26) 2-Nitrophenol	7.745	139	92061	48.361	ng	98
27) 2,4-Dimethylphenol	7.786	122	116382	51.099	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	203091	44.917	ng	99
29) 2,4-Dichlorophenol	7.992	162	142214	48.592	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	150709	44.622	ng	99
31) Naphthalene	8.145	128	504473	45.082	ng	99
32) Benzoic acid	7.939	122	73870	41.260	ng	98
33) 4-Chloroaniline	8.198	127	106430	28.334	ng	99
34) Hexachlorobutadiene	8.257	225	90396	44.188	ng	99
35) Caprolactam	8.592	113	23645	27.076	ng	91
36) 4-Chloro-3-methylphenol	8.692	107	162968	48.723	ng	99
37) 2-Methylnaphthalene	8.839	142	330882	46.820	ng	99
38) 1-Methylnaphthalene	8.939	142	307804	44.447	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	143187	42.240	ng	99
41) Hexachlorocyclopentadiene	8.986	237	105267	114.073	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	95695	46.300	ng	100

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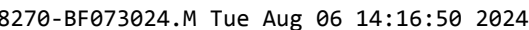
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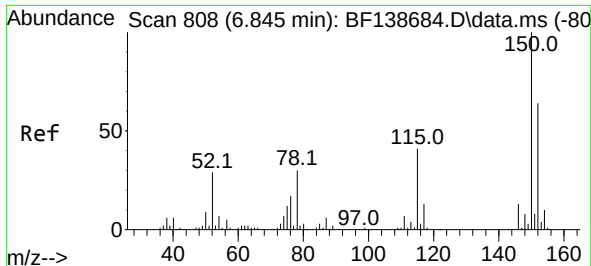
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 QLast Update : Tue Jul 30 17:50:01 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	101331	44.847	ng	99
46) 1,1'-Biphenyl	9.304	154	395824	41.416	ng	99
47) 2-Chloronaphthalene	9.328	162	312648	43.985	ng	99
48) 2-Nitroaniline	9.433	65	108685	45.103	ng	98
49) Acenaphthylene	9.745	152	490071	48.612	ng	99
50) Dimethylphthalate	9.604	163	374753	48.028	ng	99
51) 2,6-Dinitrotoluene	9.675	165	81806	46.456	ng	97
52) Acenaphthene	9.916	154	299651	44.217	ng	99
53) 3-Nitroaniline	9.845	138	55122	30.280	ng	99
54) 2,4-Dinitrophenol	9.963	184	82173	101.371	ng	95
55) Dibenzofuran	10.086	168	443813	46.394	ng	99
56) 4-Nitrophenol	10.028	139	95788	87.501	ng	96
57) 2,4-Dinitrotoluene	10.080	165	110126	49.017	ng	# 88
58) Fluorene	10.427	166	363805	47.757	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	85121	49.277	ng	98
60) Diethylphthalate	10.304	149	368621	49.825	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	178516	47.647	ng	96
62) 4-Nitroaniline	10.463	138	78118	45.156	ng	93
63) Azobenzene	10.580	77	373271	45.490	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	62042	48.879	ng	98
66) n-Nitrosodiphenylamine	10.539	169	308920	47.502	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	104886	46.563	ng	98
68) Hexachlorobenzene	10.975	284	108853	46.803	ng	97
69) Atrazine	11.069	200	93282	55.596	ng	98
70) Pentachlorophenol	11.180	266	90125	85.970	ng	100
71) Phenanthrene	11.392	178	515642	48.132	ng	100
72) Anthracene	11.445	178	518986	49.175	ng	100
73) Carbazole	11.598	167	435984	47.882	ng	99
74) Di-n-butylphthalate	11.922	149	571600	55.843	ng	100
75) Fluoranthene	12.580	202	487313	48.725	ng	98
77) Benzidine	12.698	184	33709	13.300	ng	99
78) Pyrene	12.810	202	490330	49.148	ng	100
80) Butylbenzylphthalate	13.416	149	163144	51.065	ng	98
81) Benzo(a)anthracene	13.992	228	337131	46.203	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	63673	34.099	ng	98
83) Chrysene	14.033	228	318323	48.355	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	198613	42.455	ng	98
85) Di-n-octyl phthalate	14.580	149	329523	38.071	ng	97
87) Indeno(1,2,3-cd)pyrene	16.939	276	325009	48.788	ng	97
88) Benzo(b)fluoranthene	15.039	252	273959	47.542	ng	98
89) Benzo(k)fluoranthene	15.068	252	275365	55.192	ng	99
90) Benzo(a)pyrene	15.404	252	256570	52.933	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	265158	48.489	ng	99
92) Benzo(g,h,i)perylene	17.386	276	248203	43.739	ng	95

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

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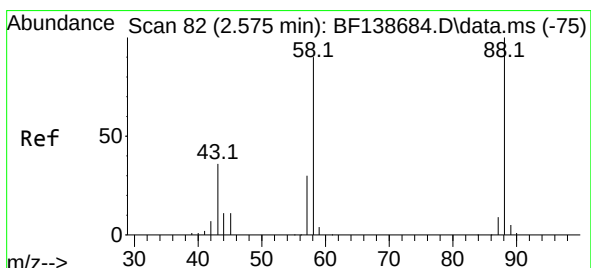
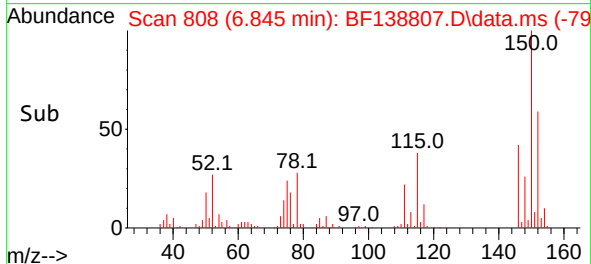
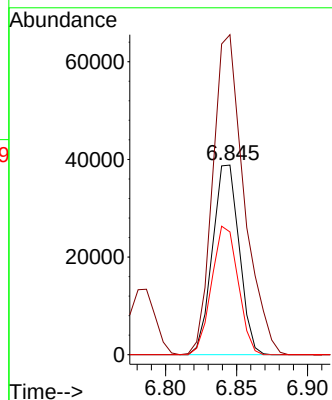
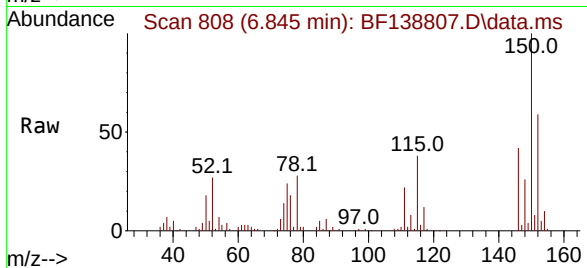




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF138807.D
 Acq: 06 Aug 2024 13:50

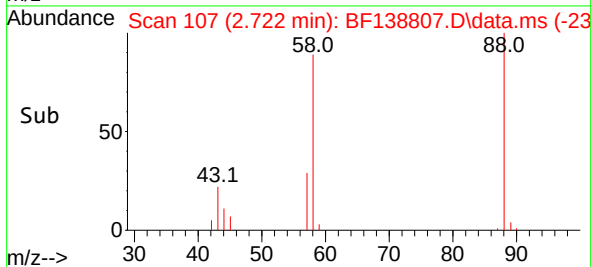
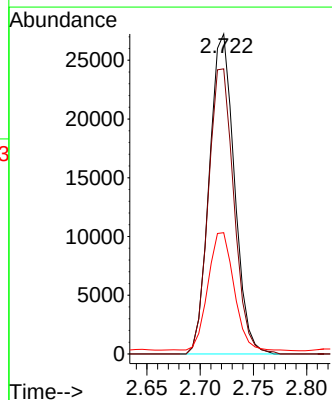
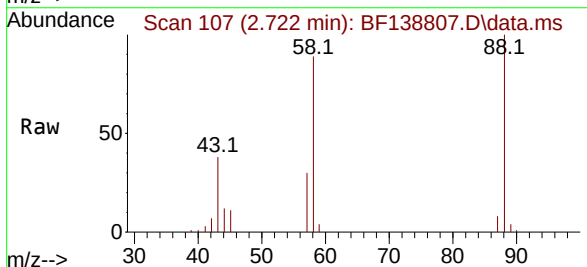
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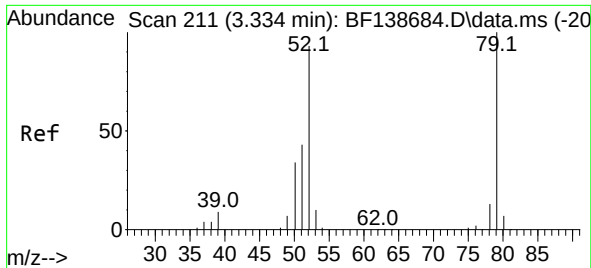
Tgt Ion:152 Resp: 50899
 Ion Ratio Lower Upper
 152 100
 150 168.7 126.0 189.0
 115 64.7 51.7 77.5



#2
 1,4-Dioxane
 Concen: 30.920 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.147 min
 Lab File: BF138807.D
 Acq: 06 Aug 2024 13:50

Tgt Ion: 88 Resp: 44636
 Ion Ratio Lower Upper
 88 100
 58 90.7 71.6 107.4
 43 38.5 28.7 43.1

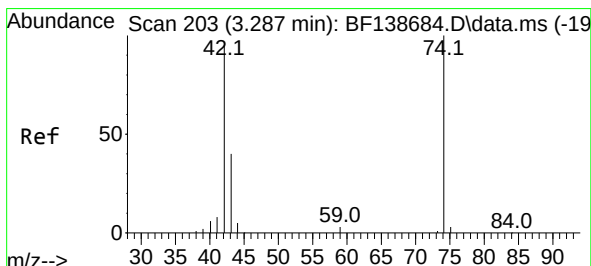
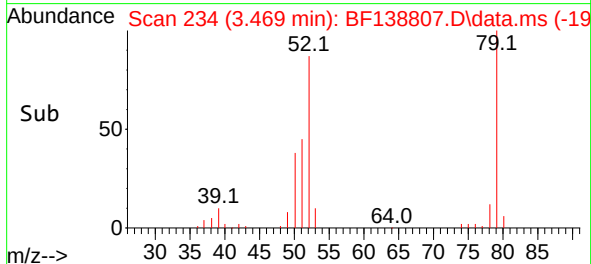
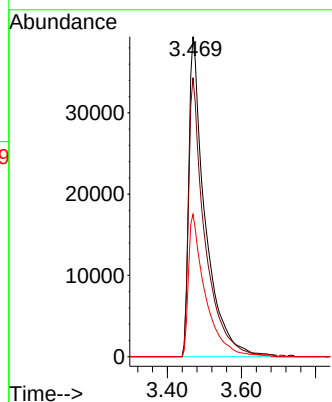
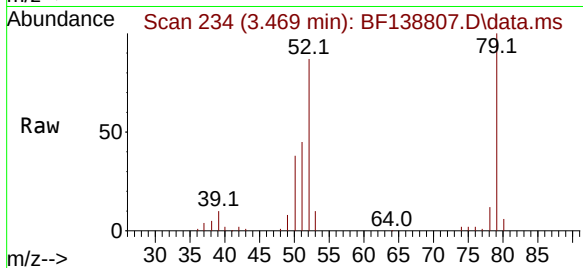




#3
Pyridine
Concen: 34.427 ng
RT: 3.469 min Scan# 211
Delta R.T. 0.135 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

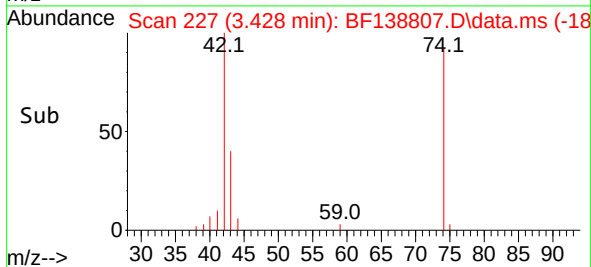
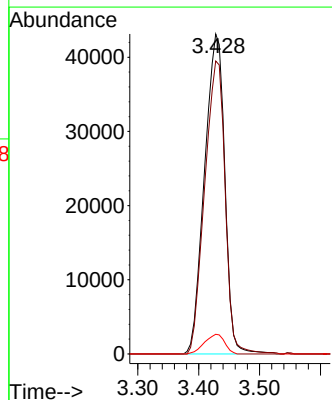
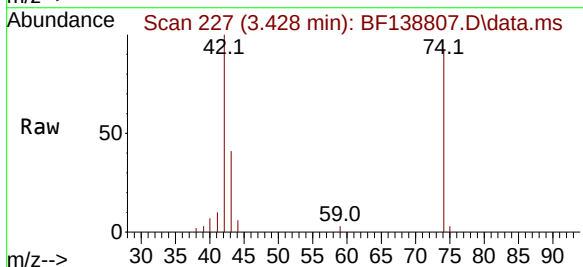
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ClientSampleId :
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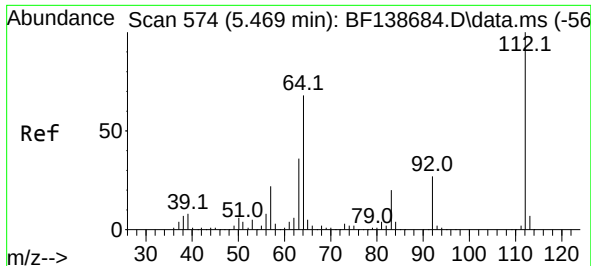
Tgt Ion: 79 Resp: 120390
Ion Ratio Lower Upper
79 100
52 87.2 74.7 112.1
51 44.5 34.6 51.8



#4
n-Nitrosodimethylamine
Concen: 47.854 ng
RT: 3.428 min Scan# 227
Delta R.T. 0.141 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion: 42 Resp: 99668
Ion Ratio Lower Upper
42 100
74 91.5 84.2 126.4
44 6.1 4.9 7.3

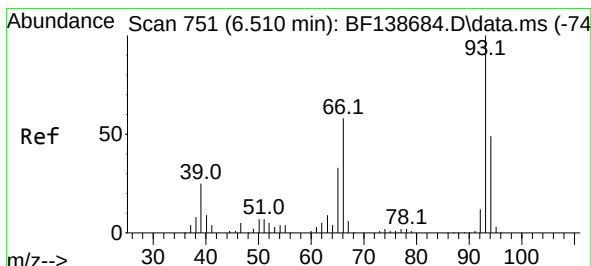
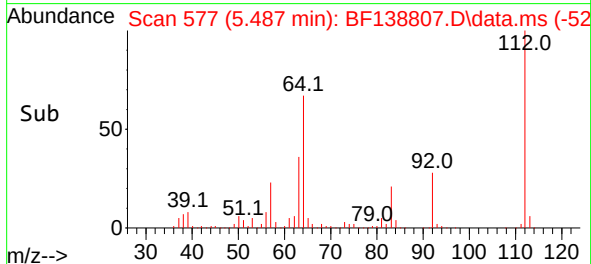
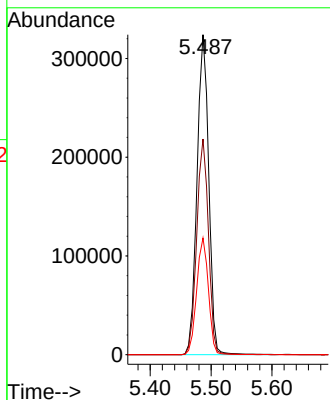
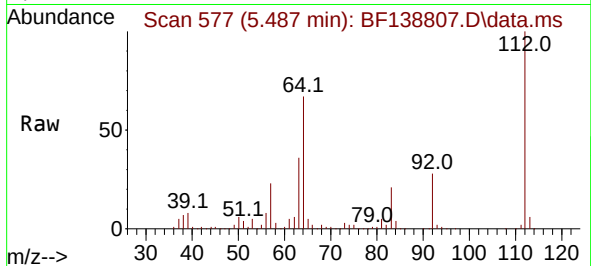




#5
2-Fluorophenol
Concen: 131.105 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

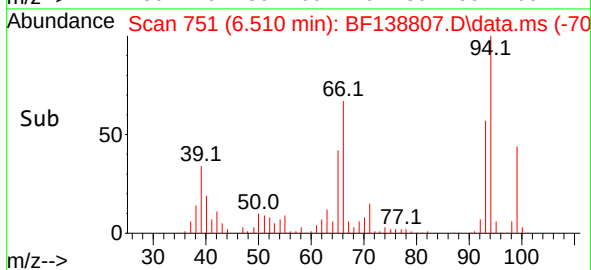
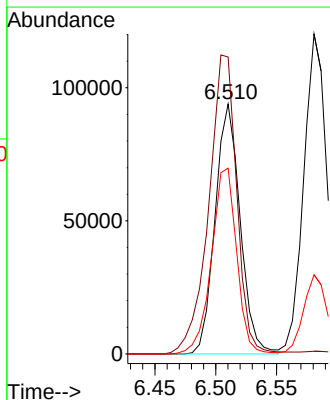
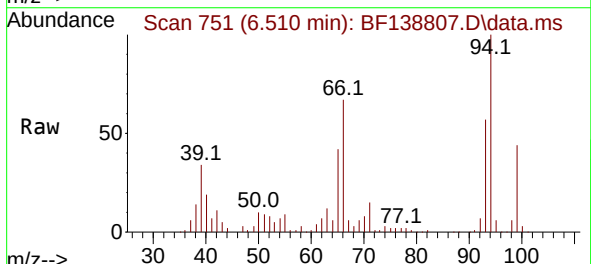
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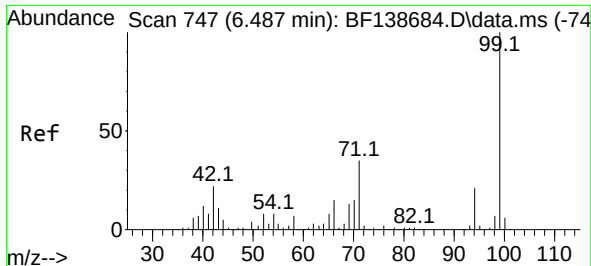
Tgt Ion:112 Resp: 432295
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 36.5 28.7 43.1



#6
Aniline
Concen: 34.059 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion: 93 Resp: 134466
Ion Ratio Lower Upper
93 100
66 118.9 46.9 70.3#
65 74.4 26.5 39.7#

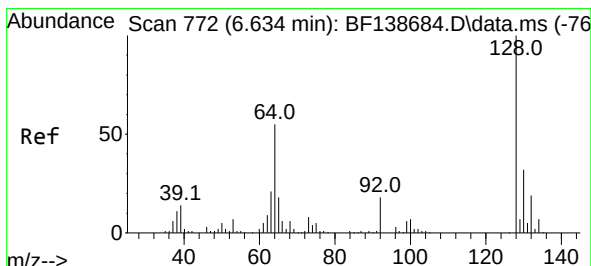
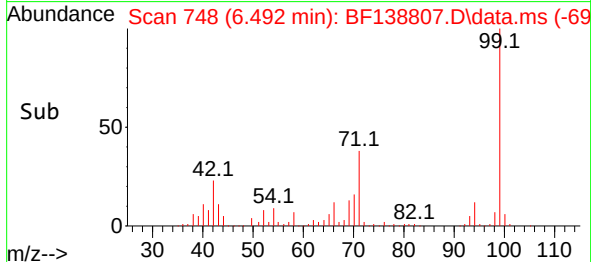
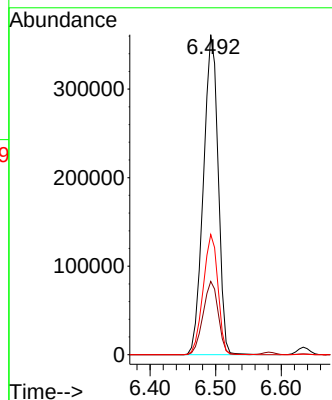
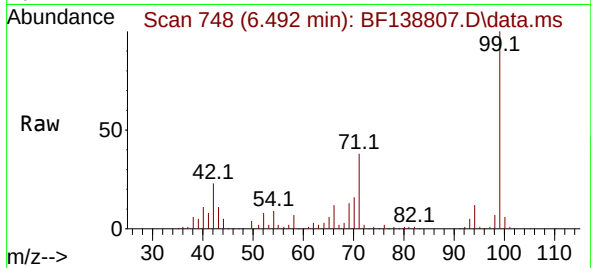




#7
Phenol-d6
Concen: 128.081 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

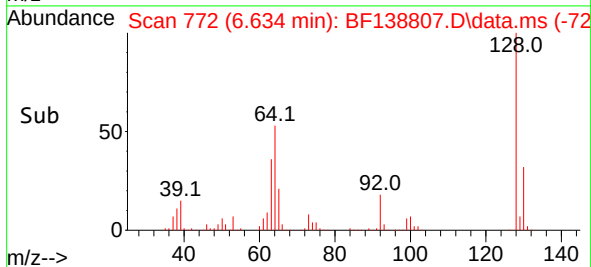
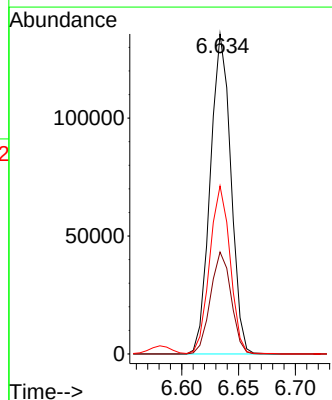
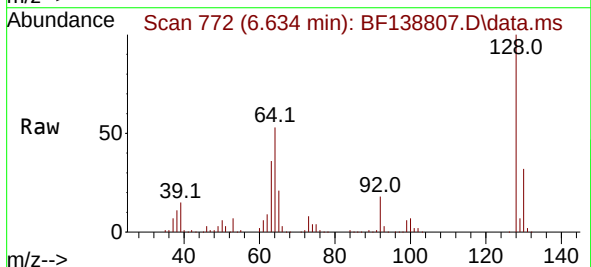
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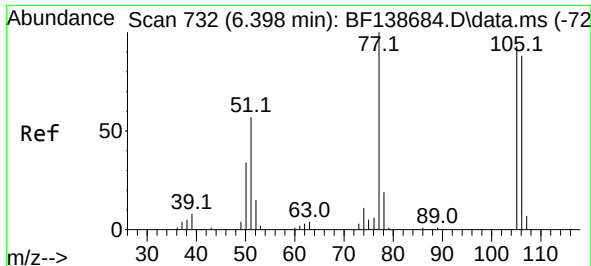
Tgt Ion: 99 Resp: 567012
Ion Ratio Lower Upper
99 100
42 22.9 17.4 26.0
71 37.5 28.1 42.1



#8
2-Chlorophenol
Concen: 49.213 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion: 128 Resp: 170727
Ion Ratio Lower Upper
128 100
130 31.9 12.0 52.0
64 52.5 36.3 76.3

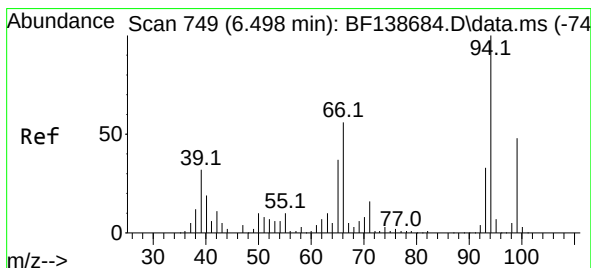
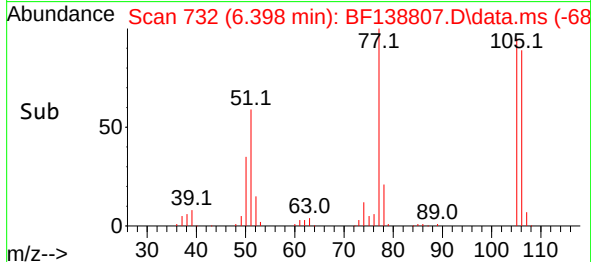
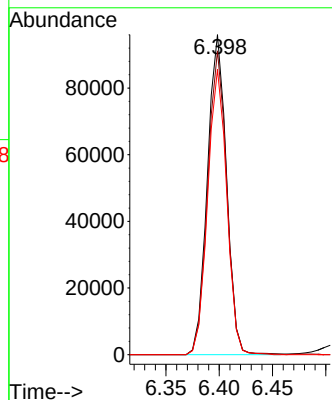
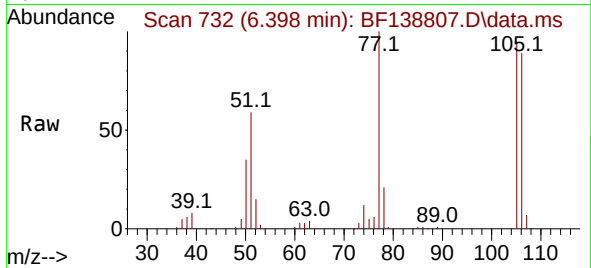




#9
Benzaldehyde
Concen: 45.202 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

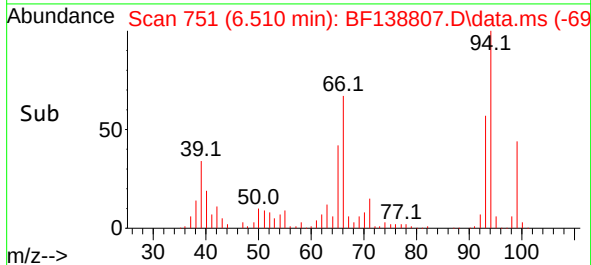
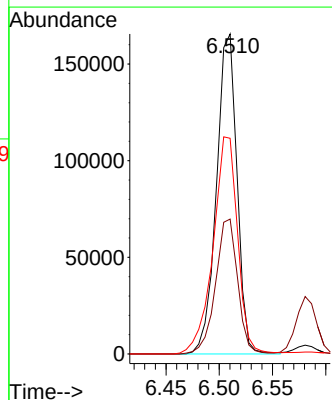
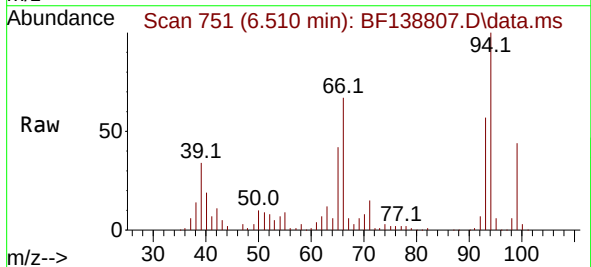
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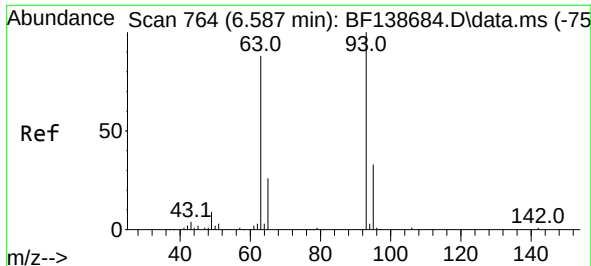
Tgt Ion: 77 Resp: 119955
Ion Ratio Lower Upper
77 100
105 94.9 72.9 112.9
106 89.2 68.4 108.4



#10
Phenol
Concen: 47.608 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion: 94 Resp: 221907
Ion Ratio Lower Upper
94 100
65 42.2 16.9 56.9
66 67.4 36.5 76.5

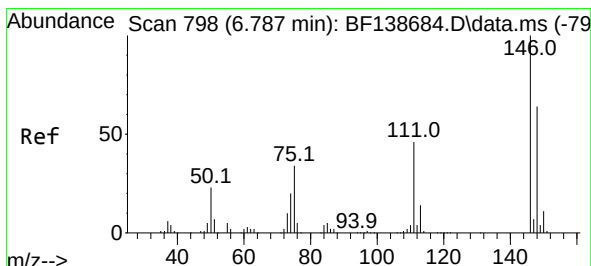
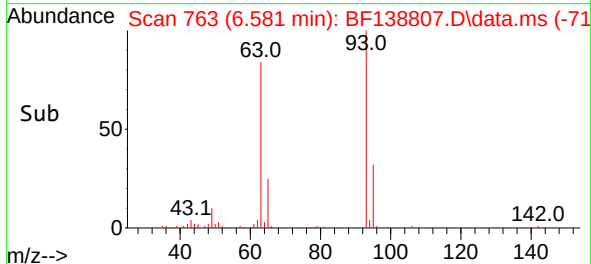
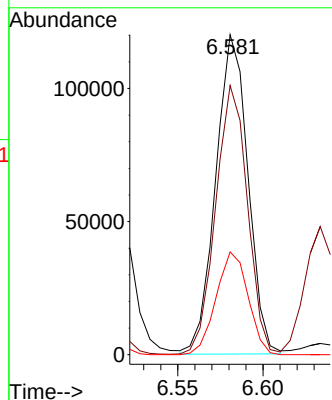
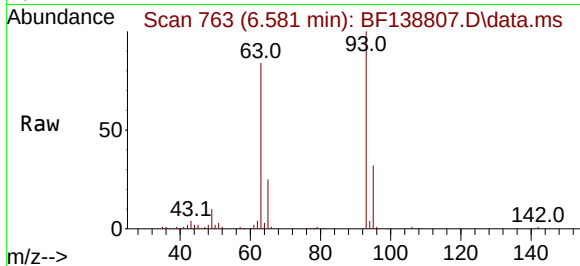




#11
bis(2-Chloroethyl)ether
Concen: 43.977 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

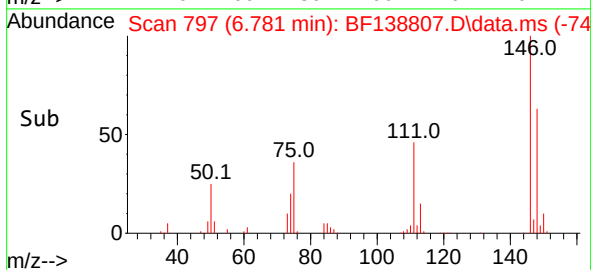
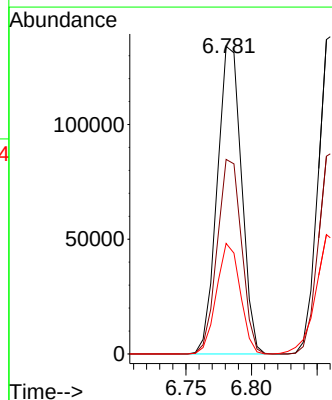
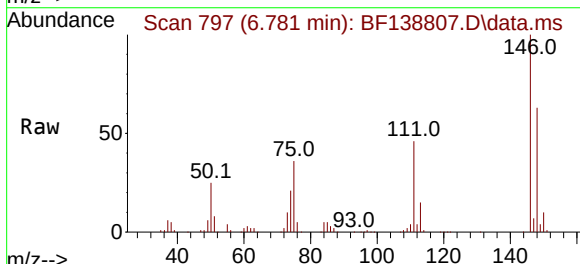
Instrument :
BNA_F
ClientSampleId :
PB162473BS

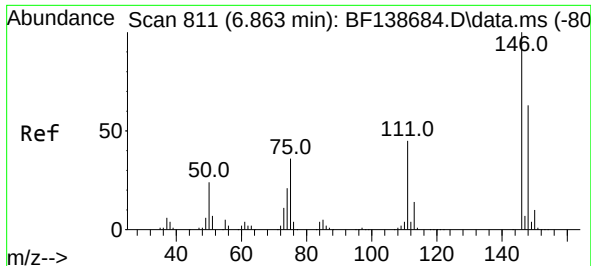
Tgt Ion: 93 Resp: 157740
Ion Ratio Lower Upper
93 100
63 84.1 65.3 105.3
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.511 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:146 Resp: 172851
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
75 35.9 27.4 41.2

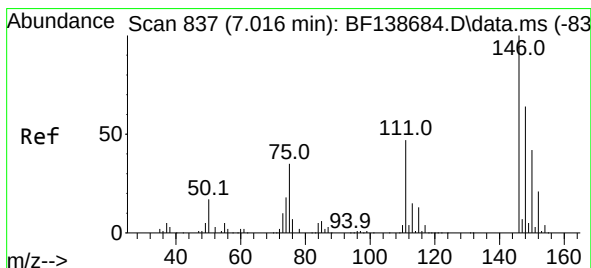
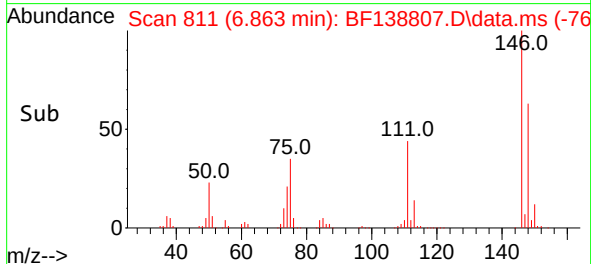
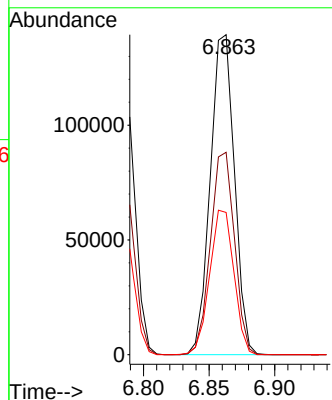
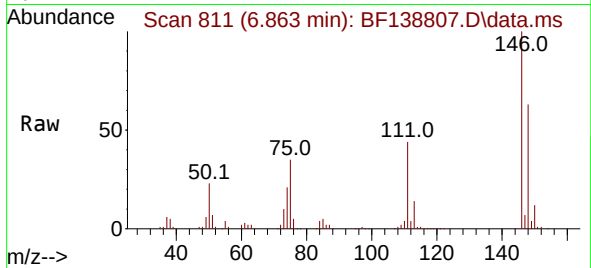




#13
1,4-Dichlorobenzene
Concen: 45.636 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

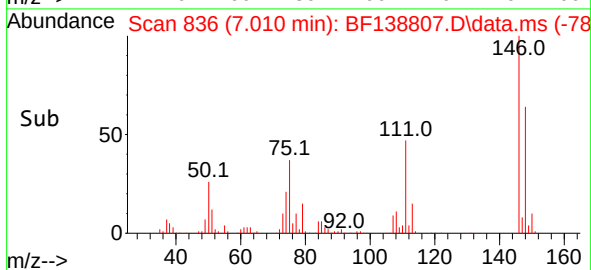
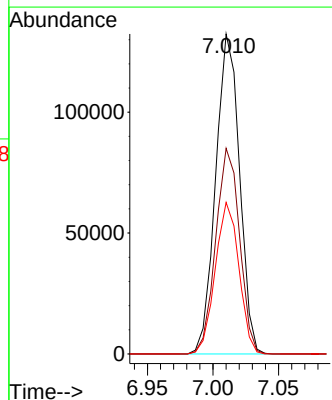
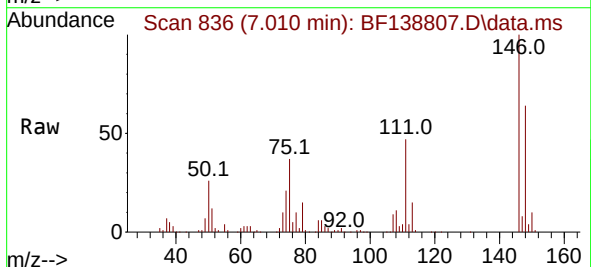
Instrument :
BNA_F
ClientSampleId :
PB162473BS

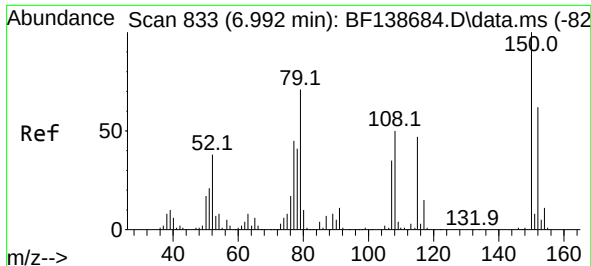
Tgt Ion:146 Resp: 178844
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
111 44.5 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 45.662 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:146 Resp: 167238
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 47.3 37.4 56.2

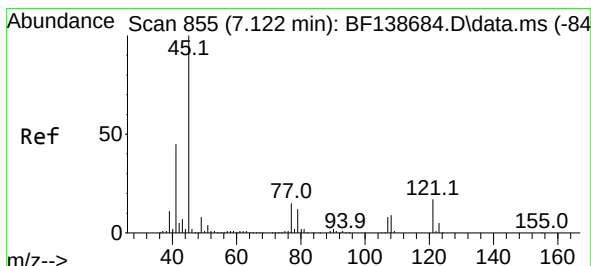
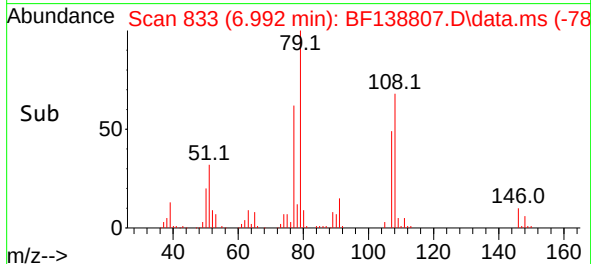
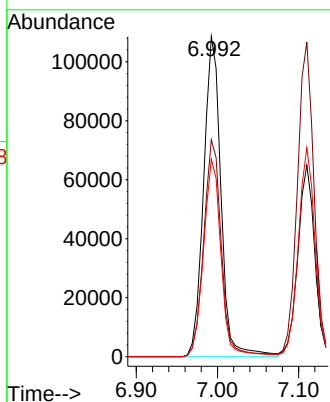
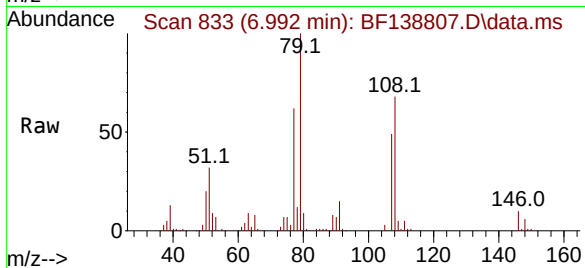




#15
Benzyl Alcohol
Concen: 50.515 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

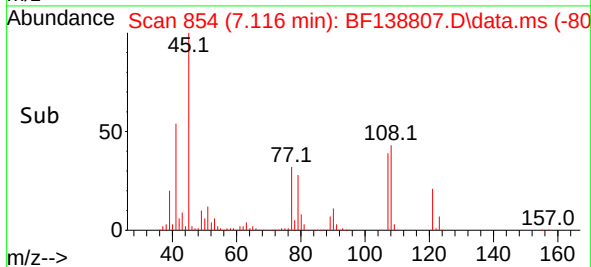
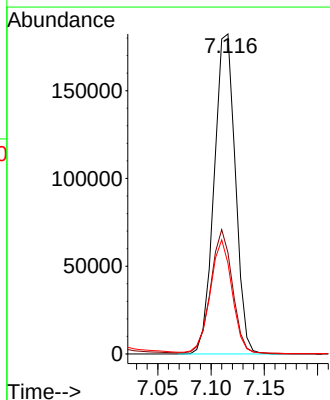
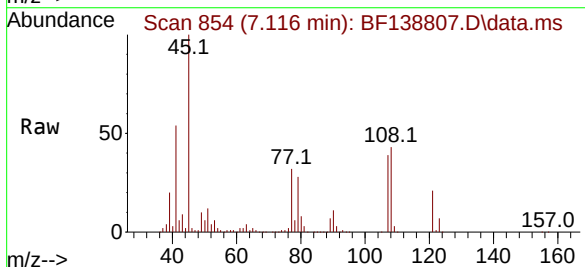
Instrument :
BNA_F
ClientSampleId :
PB162473BS

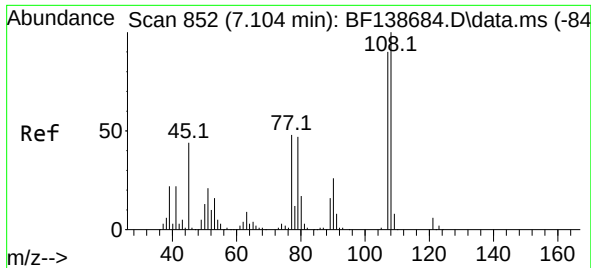
Tgt Ion: 79 Resp: 161178
Ion Ratio Lower Upper
79 100
108 67.8 56.6 85.0
77 61.8 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.795 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion: 45 Resp: 251820
Ion Ratio Lower Upper
45 100
77 31.7 0.0 34.9
79 28.4 0.0 32.2

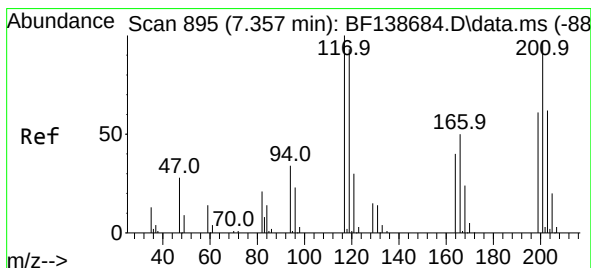
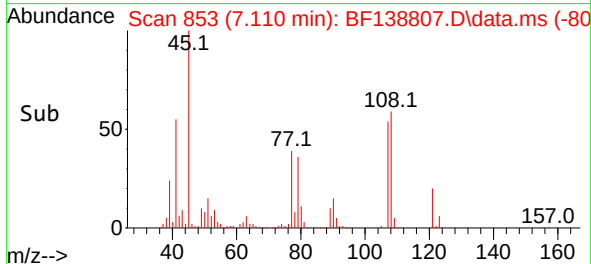
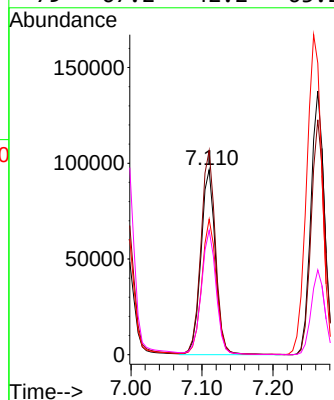
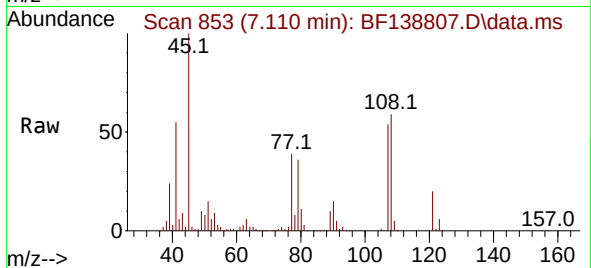




#17
2-Methylphenol
Concen: 48.188 ng
RT: 7.110 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

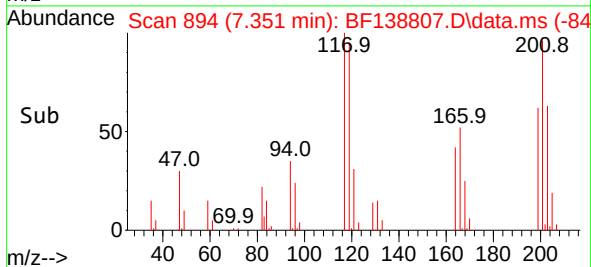
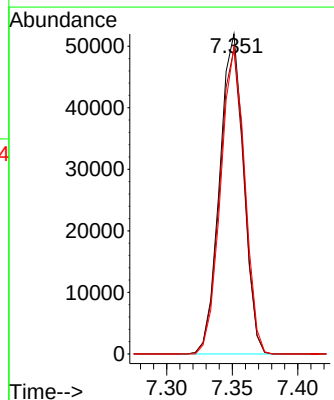
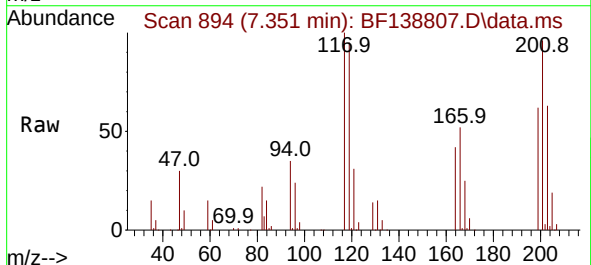
Instrument :
BNA_F
ClientSampleId :
PB162473BS

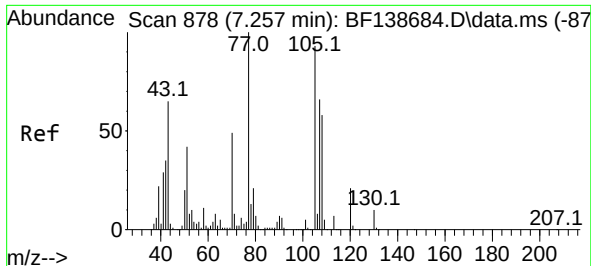
Tgt Ion:107 Resp: 138040
Ion Ratio Lower Upper
107 100
108 110.4 89.2 133.8
77 73.3 43.0 64.4#
79 67.2 42.2 63.2#



#18
Hexachloroethane
Concen: 45.148 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:117 Resp: 66602
Ion Ratio Lower Upper
117 100
119 95.2 74.6 111.8
201 95.8 77.2 115.8



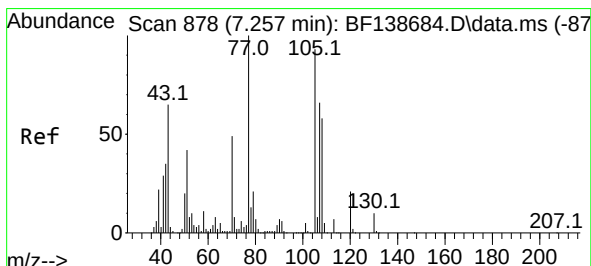
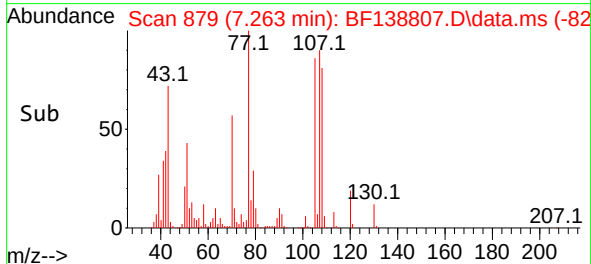
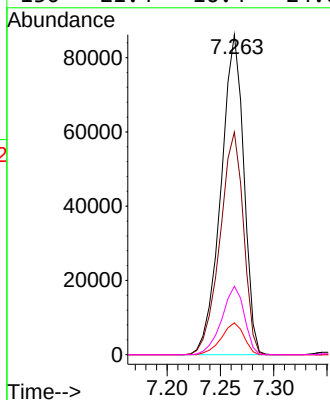
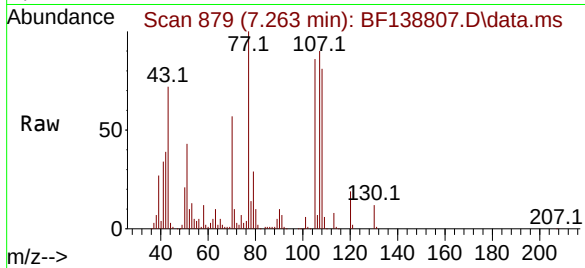


#19
n-Nitroso-di-n-propylamine
Concen: 48.054 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB162473BS

Tgt Ion: 70 Resp: 128488

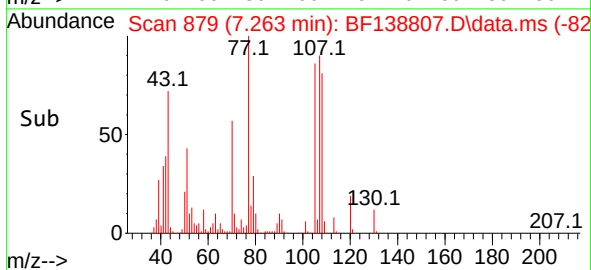
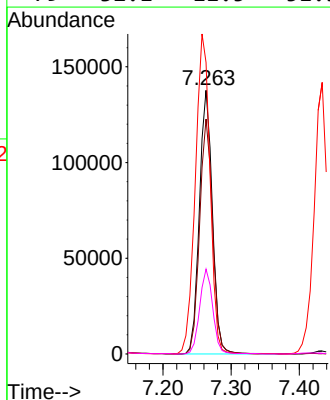
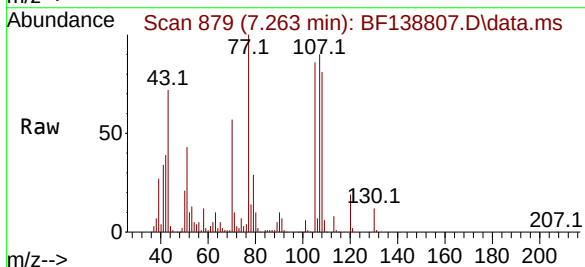
Ion	Ratio	Lower	Upper
70	100		
42	69.6	57.4	86.0
101	9.9	7.5	11.3
130	21.4	16.4	24.6

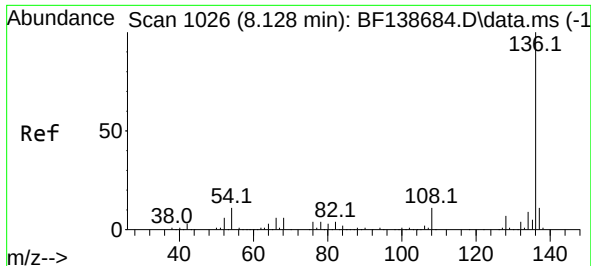


#20
3+4-Methylphenols
Concen: 49.750 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion: 107 Resp: 182853

Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	110.5	132.1	172.1#
79	32.1	11.5	51.5





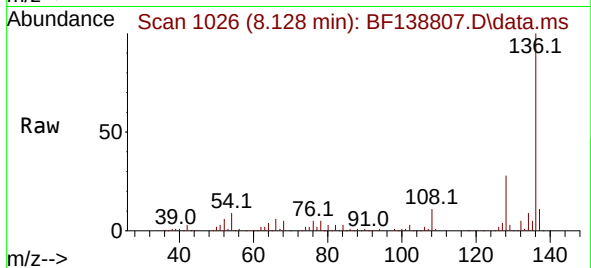
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

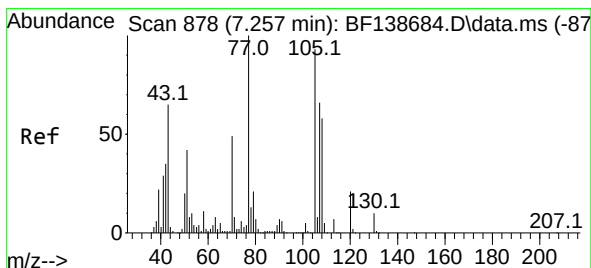
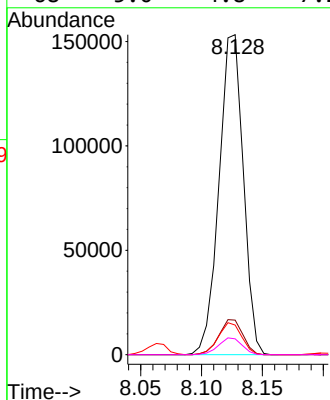
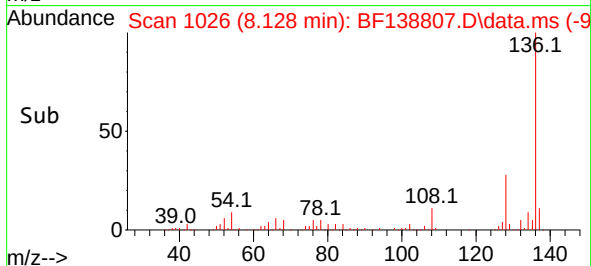
BNA_F

ClientSampleId :

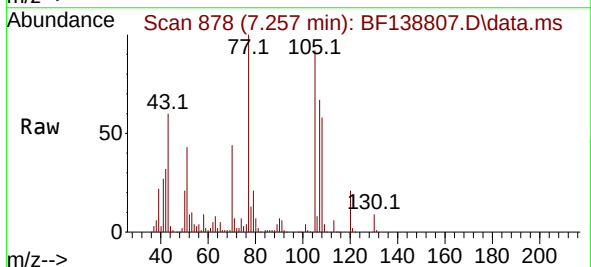
PB162473BS



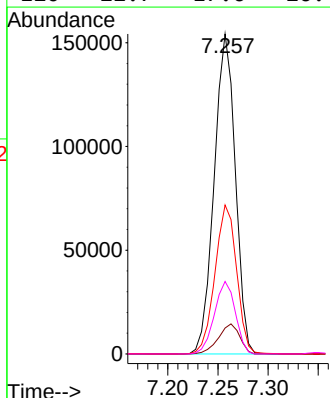
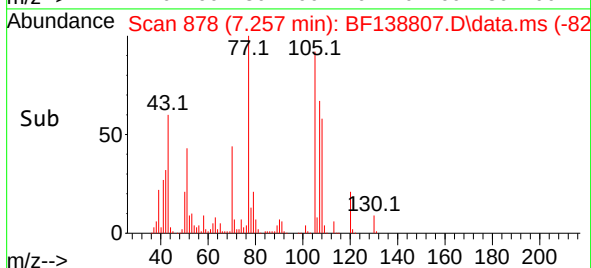
Tgt Ion:136 Resp: 212590
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.2 8.6 12.8
68 5.0 4.8 7.2

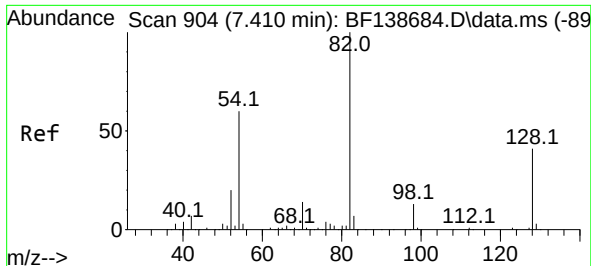


#22
Acetophenone
Concen: 43.436 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:105 Resp: 226097
Ion Ratio Lower Upper
105 100
71 8.1 7.2 10.8
51 46.6 35.9 53.9
120 22.7 17.6 26.4





#23

Nitrobenzene-d5

Concen: 84.090 ng

RT: 7.410 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

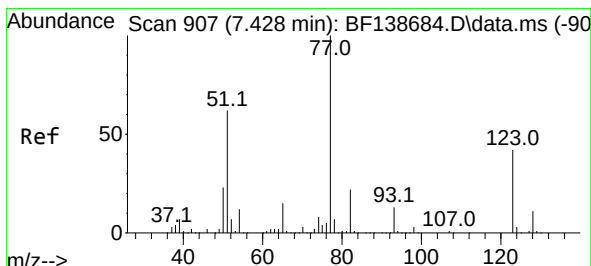
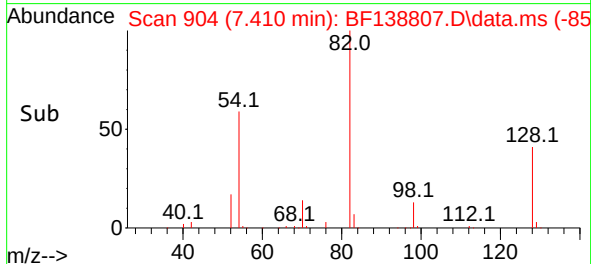
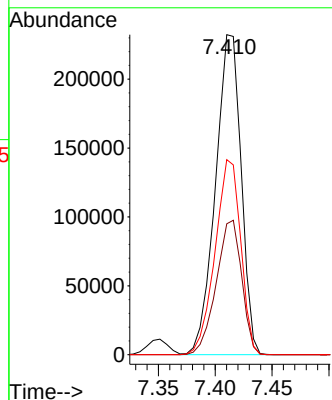
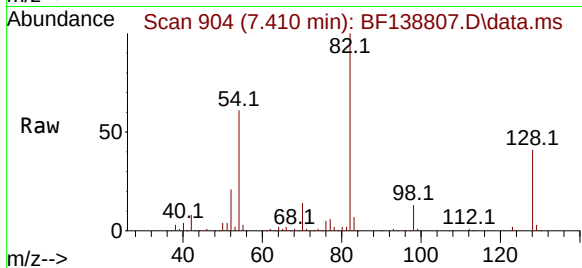
Tgt Ion: 82 Resp: 365641

Ion Ratio Lower Upper

82 100

128 40.9 32.8 49.2

54 60.9 48.3 72.5



#24

Nitrobenzene

Concen: 42.544 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

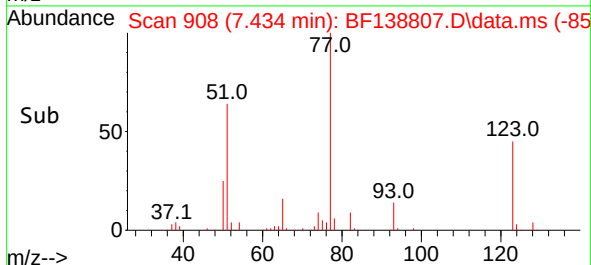
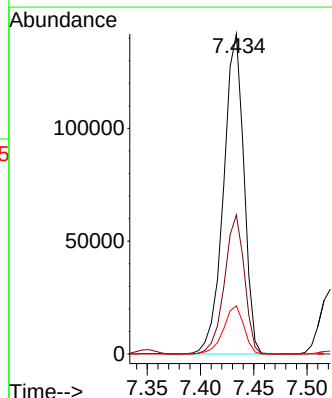
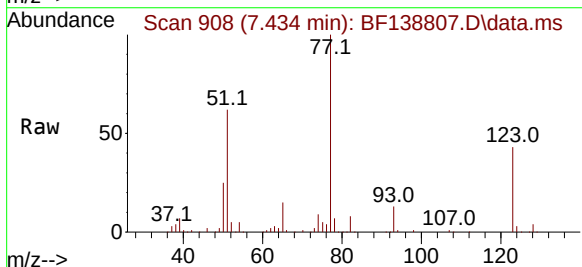
Tgt Ion: 77 Resp: 188239

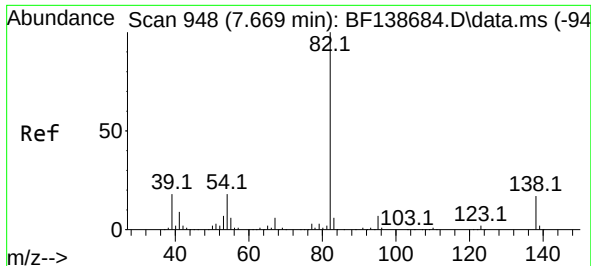
Ion Ratio Lower Upper

77 100

123 43.4 33.3 49.9

65 15.1 11.9 17.9

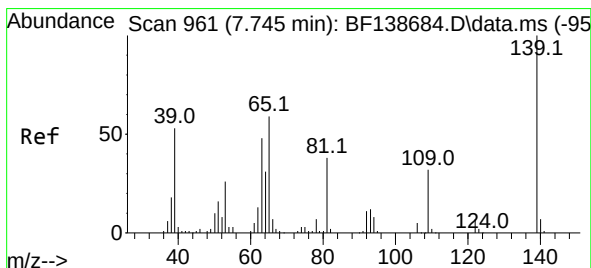
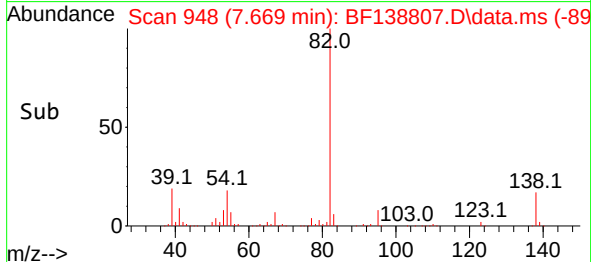
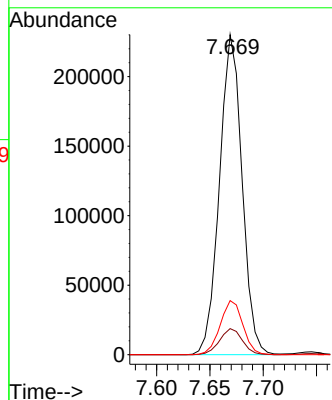
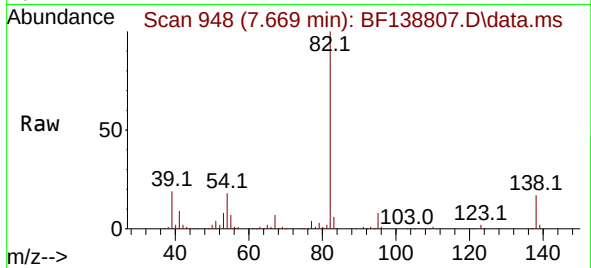




#25
Isophorone
Concen: 45.666 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

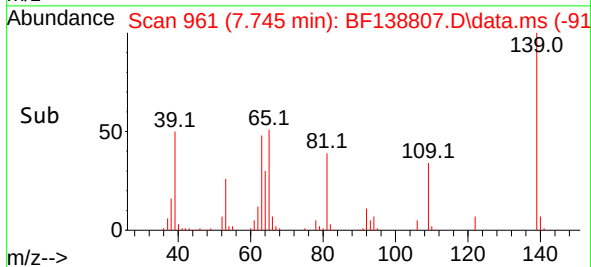
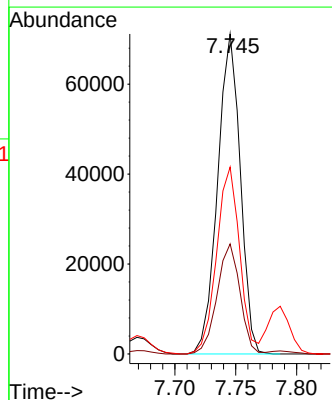
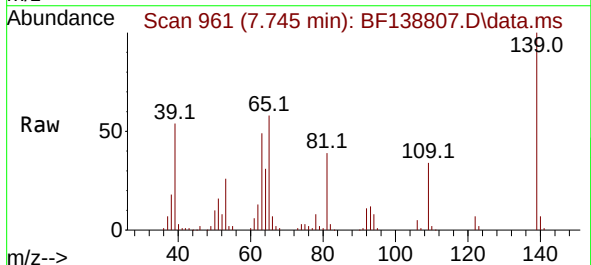
Instrument :
BNA_F
ClientSampleId :
PB162473BS

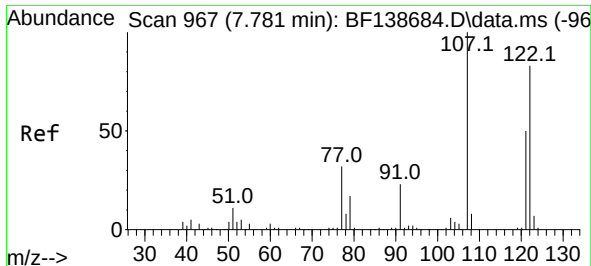
Tgt Ion: 82 Resp: 339060
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.9 13.7 20.5



#26
2-Nitrophenol
Concen: 48.361 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:139 Resp: 92061
Ion Ratio Lower Upper
139 100
109 34.4 25.9 38.9
65 58.4 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 51.099 ng

RT: 7.786 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

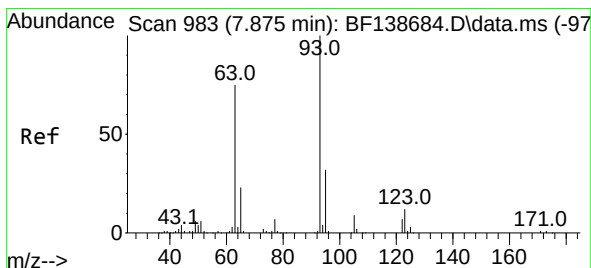
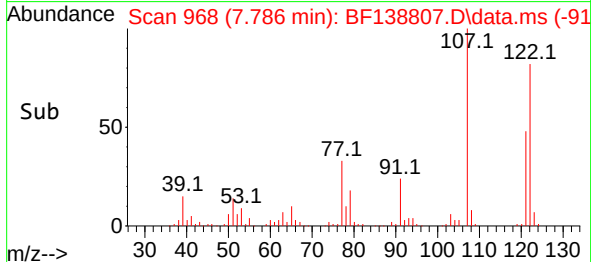
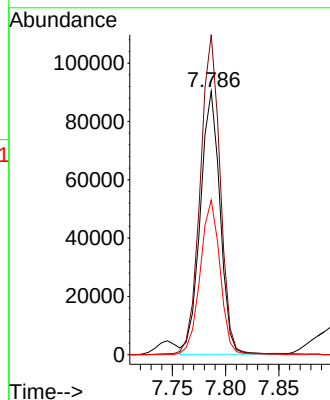
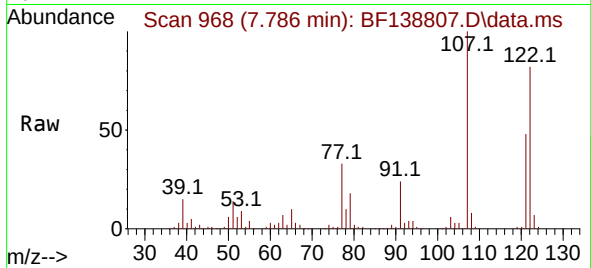
Tgt Ion:122 Resp: 116382

Ion Ratio Lower Upper

122 100

107 121.5 95.0 142.6

121 58.8 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 44.917 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

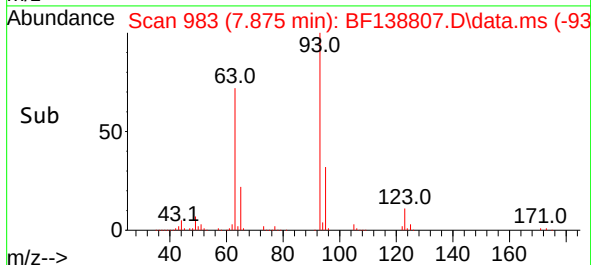
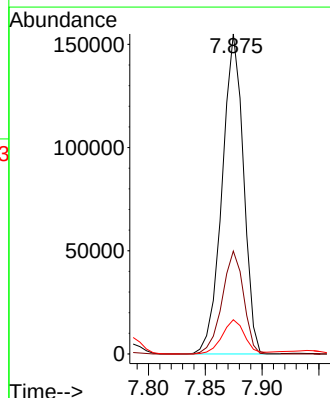
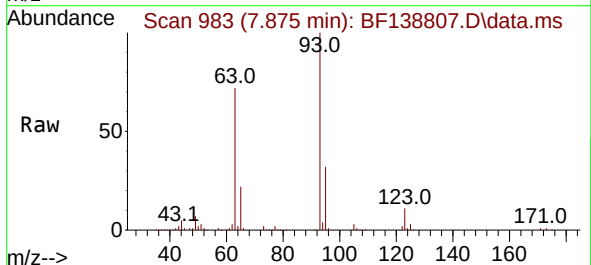
Tgt Ion: 93 Resp: 203091

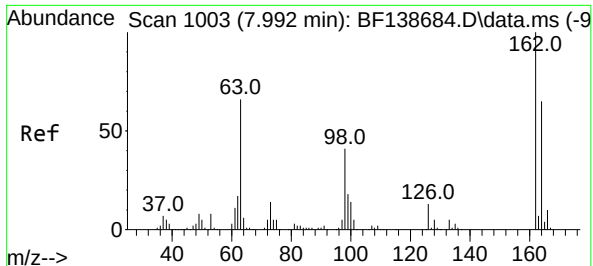
Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.8

123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.592 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

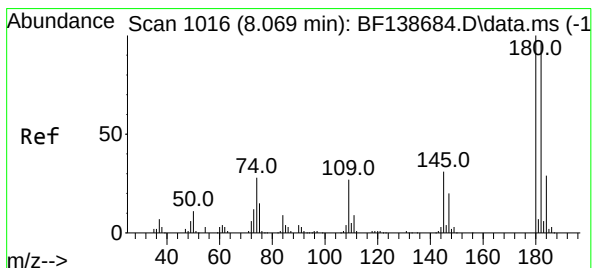
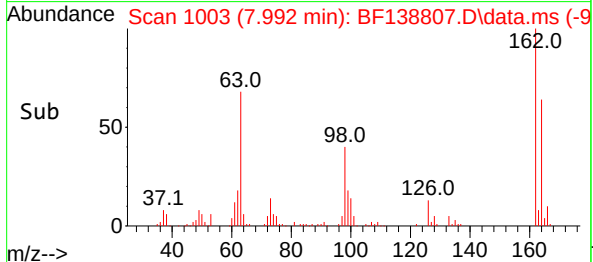
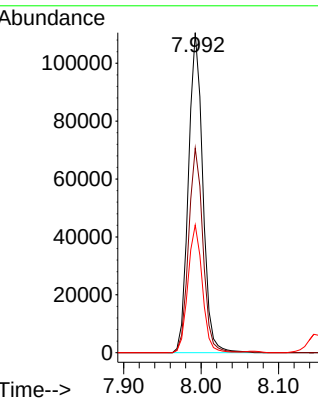
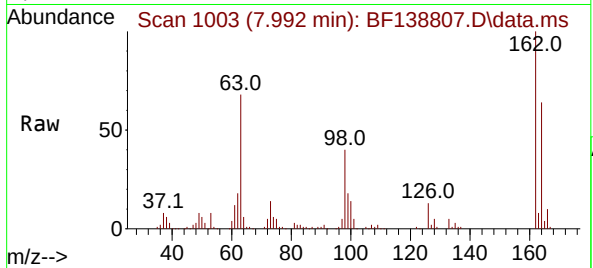
Tgt Ion:162 Resp: 142214

Ion Ratio Lower Upper

162 100

164 63.9 44.7 84.7

98 39.9 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 44.622 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

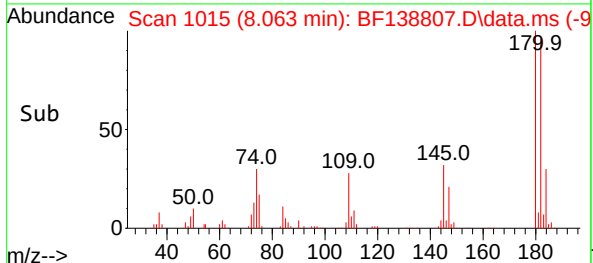
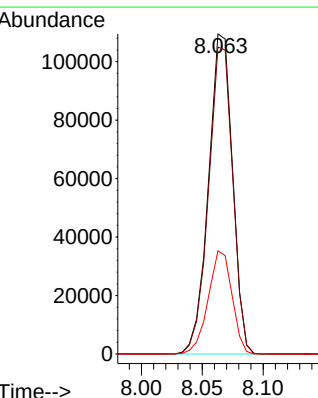
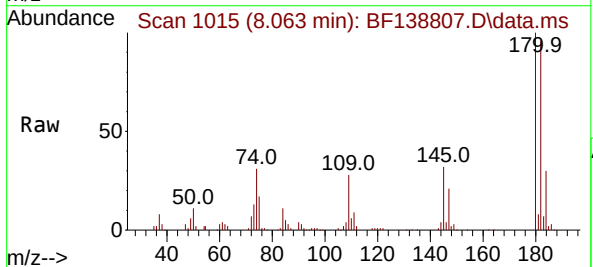
Tgt Ion:180 Resp: 150709

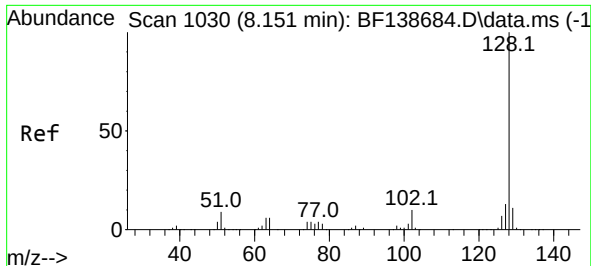
Ion Ratio Lower Upper

180 100

182 95.9 76.9 115.3

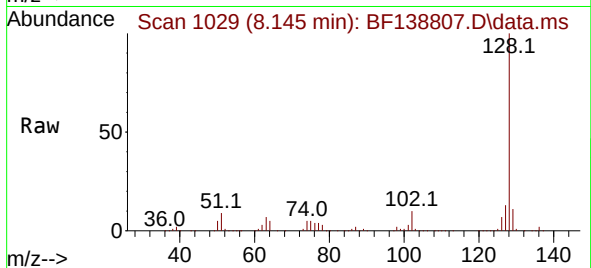
145 32.2 25.0 37.4



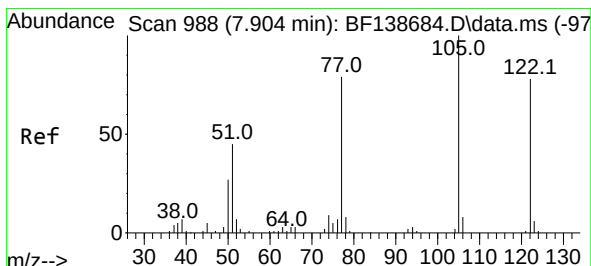
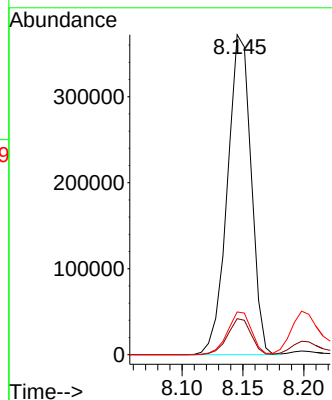
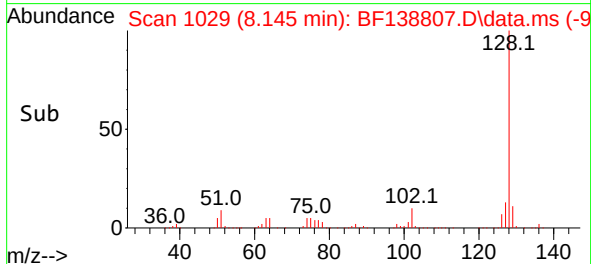


#31
Naphthalene
Concen: 45.082 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

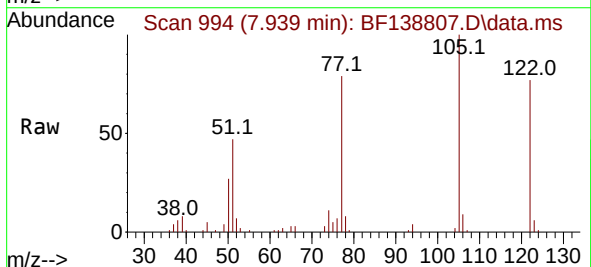
Instrument :
BNA_F
ClientSampleId :
PB162473BS



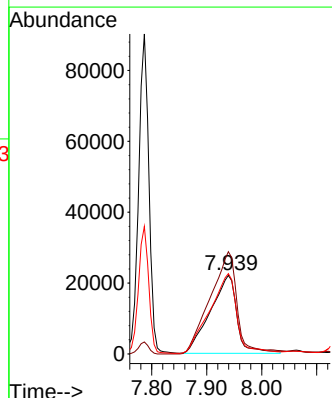
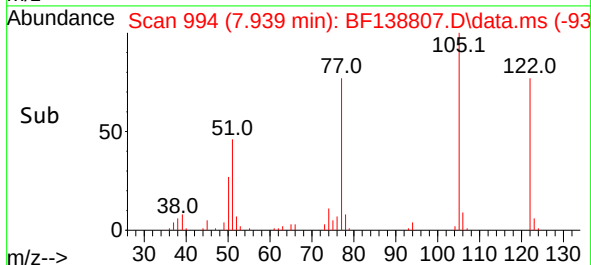
Tgt Ion:128 Resp: 504473
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.6 16.0

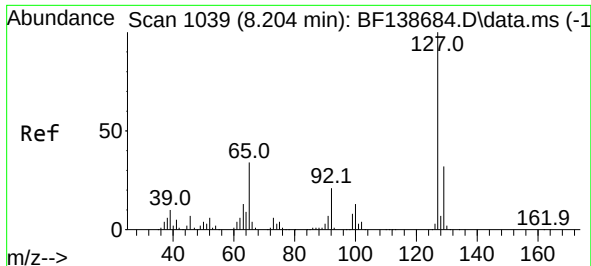


#32
Benzoic acid
Concen: 41.260 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:122 Resp: 73870
Ion Ratio Lower Upper
122 100
105 130.1 106.7 146.7
77 102.1 81.1 121.1

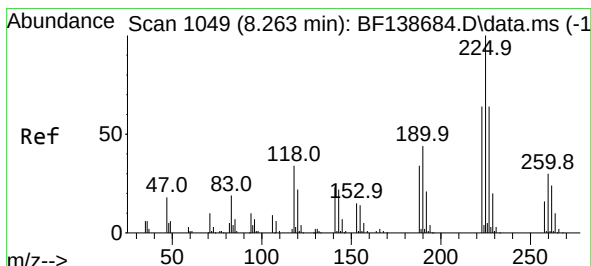
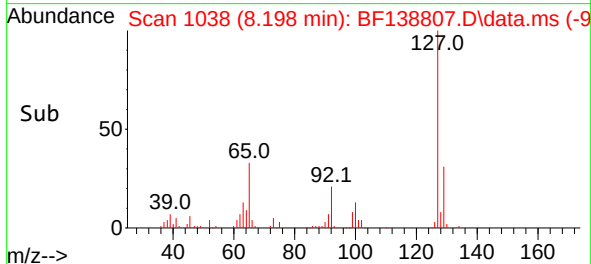
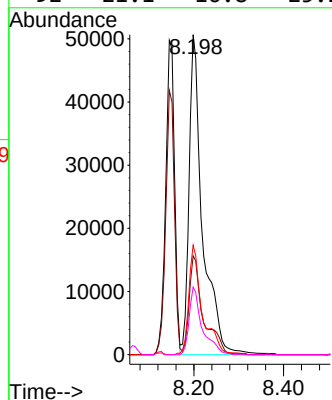
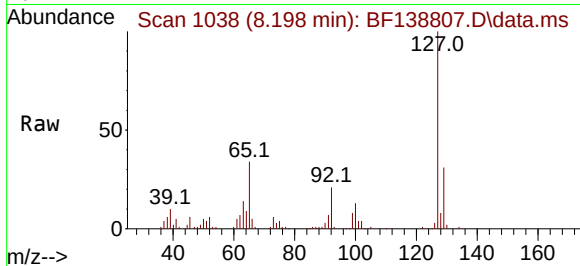




#33
4-Chloroaniline
Concen: 28.334 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

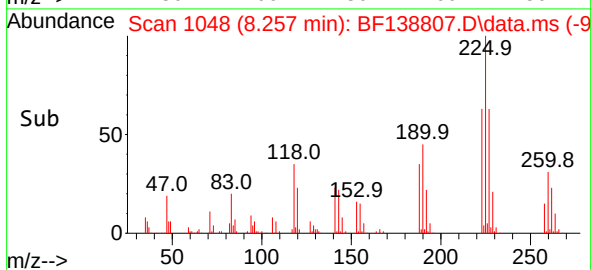
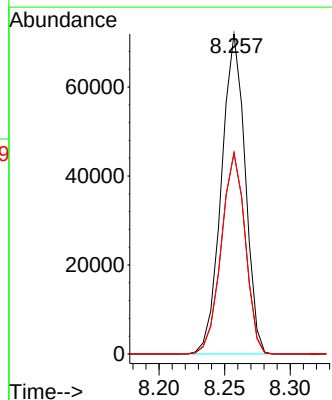
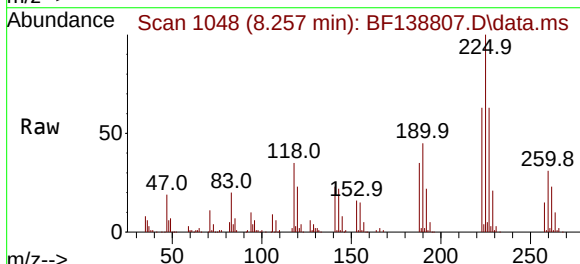
Instrument :
BNA_F
ClientSampleId :
PB162473BS

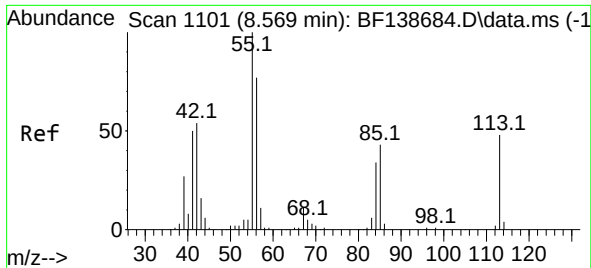
Tgt Ion:	127	Resp:	106430
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	34.2	27.6	41.4
92	21.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.188 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:	225	Resp:	90396
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.2	76.8
227	62.9	51.1	76.7

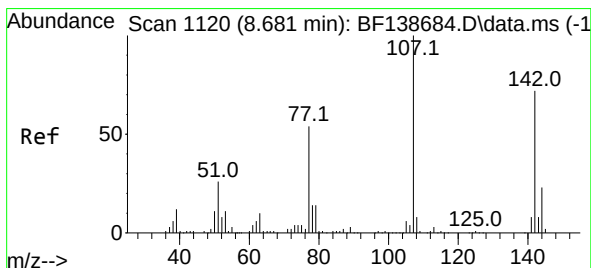
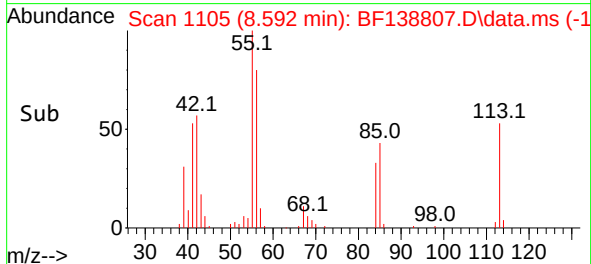
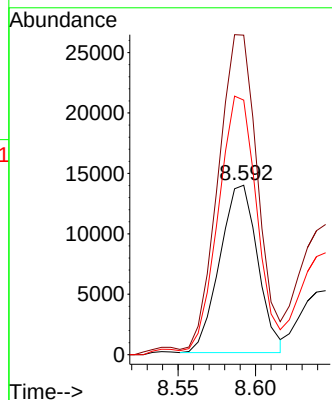
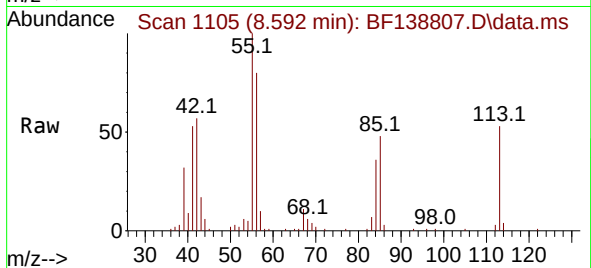




#35
Caprolactam
Concen: 27.076 ng
RT: 8.592 min Scan# 1105
Delta R.T. 0.023 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

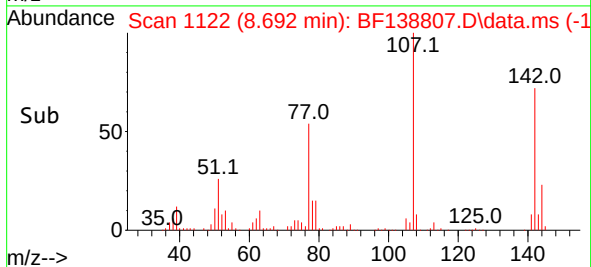
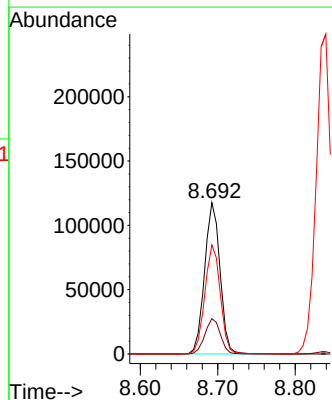
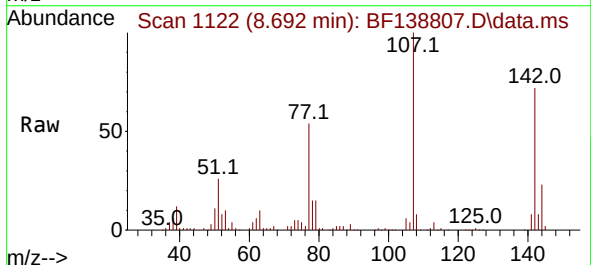
Instrument :
BNA_F
ClientSampleId :
PB162473BS

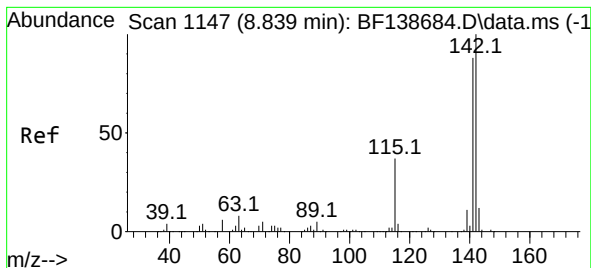
Tgt Ion:113 Resp: 23645
Ion Ratio Lower Upper
113 100
55 188.6 186.7 226.7
56 150.3 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 48.723 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:107 Resp: 162968
Ion Ratio Lower Upper
107 100
144 23.3 18.2 27.2
142 72.1 57.4 86.2





#37

2-Methylnaphthalene

Concen: 46.820 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

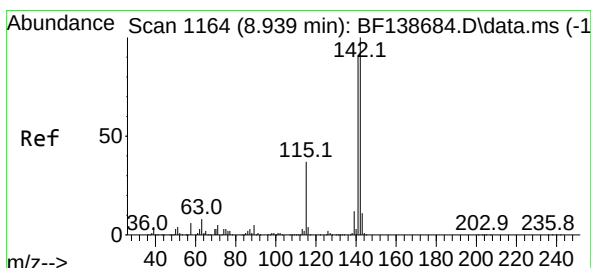
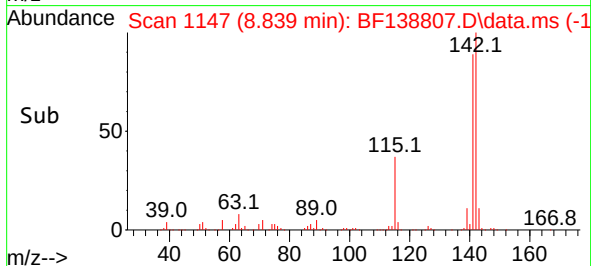
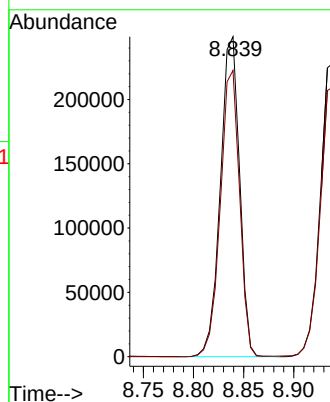
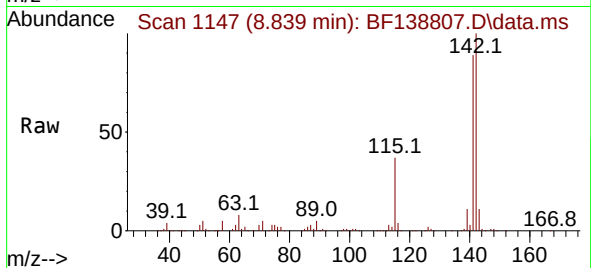
PB162473BS

Tgt Ion:142 Resp: 330882

Ion Ratio Lower Upper

142 100

141 89.4 70.8 106.2



#38

1-Methylnaphthalene

Concen: 44.447 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF138807.D

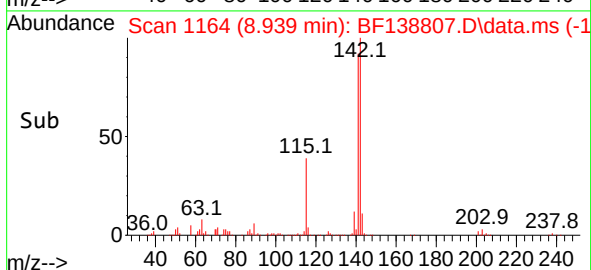
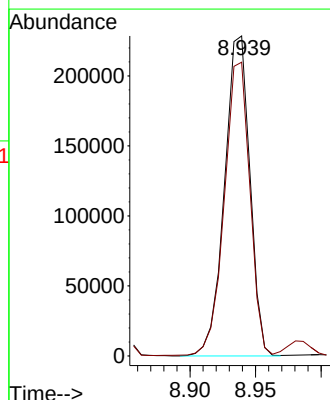
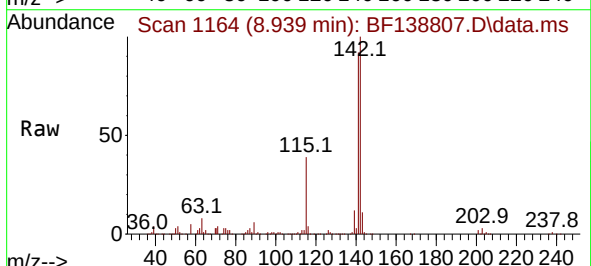
Acq: 06 Aug 2024 13:50

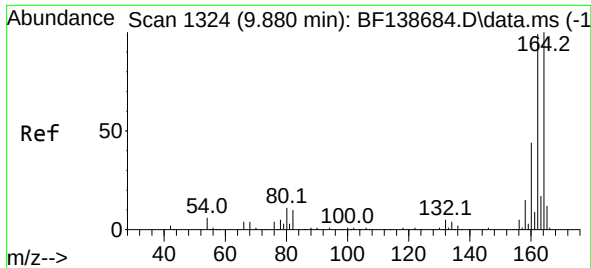
Tgt Ion:142 Resp: 307804

Ion Ratio Lower Upper

142 100

141 91.8 73.1 109.7

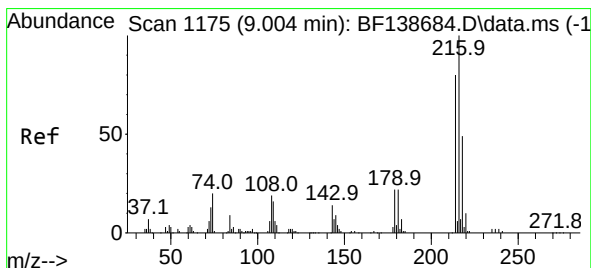
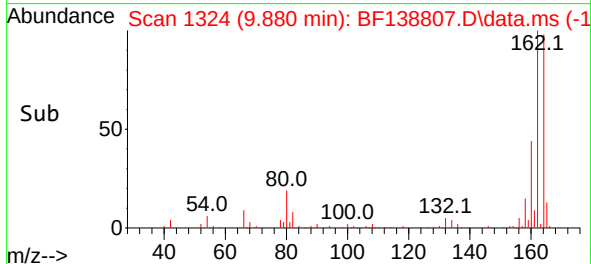
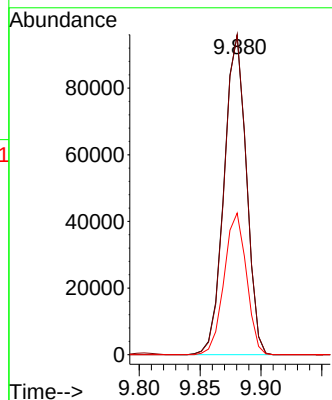
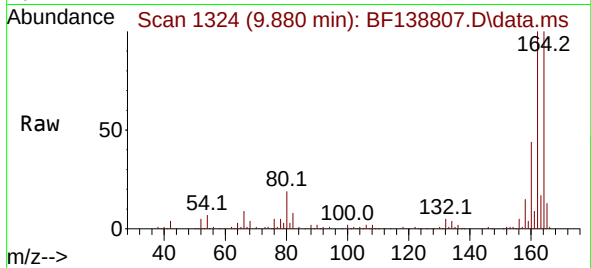




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

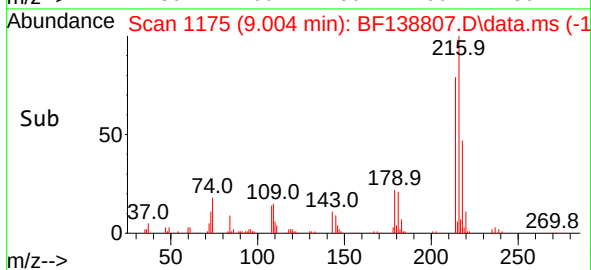
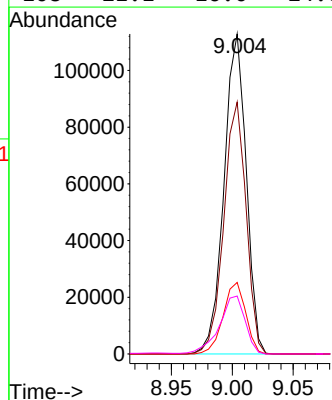
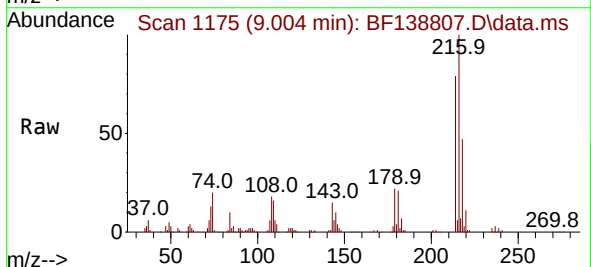
Instrument :
BNA_F
ClientSampleId :
PB162473BS

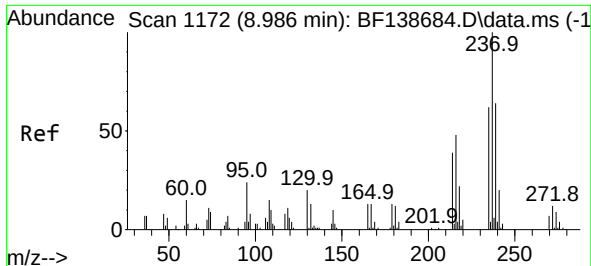
Tgt Ion:164 Resp: 122030
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.0
160 44.4 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.240 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:216 Resp: 143187
Ion Ratio Lower Upper
216 100
214 78.8 63.9 95.9
179 22.7 17.8 26.6
108 21.1 16.0 24.0

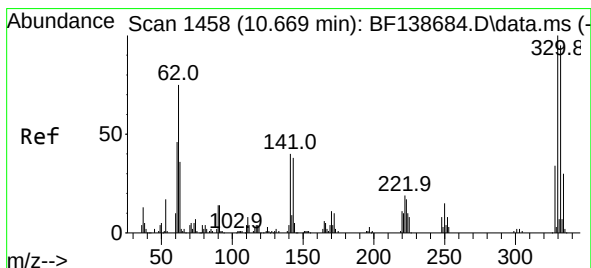
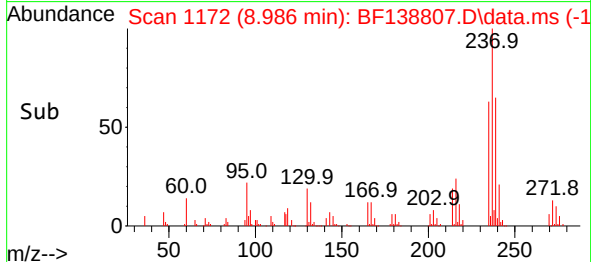
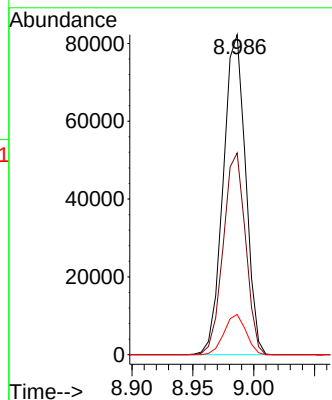
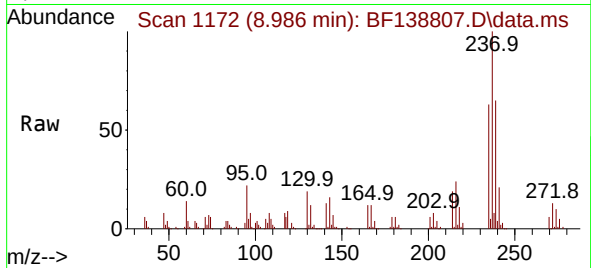




#41
Hexachlorocyclopentadiene
Concen: 114.073 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

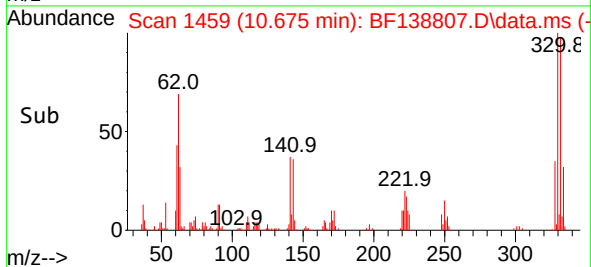
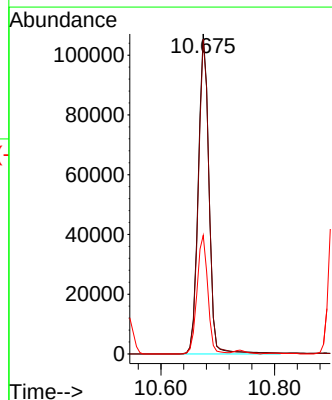
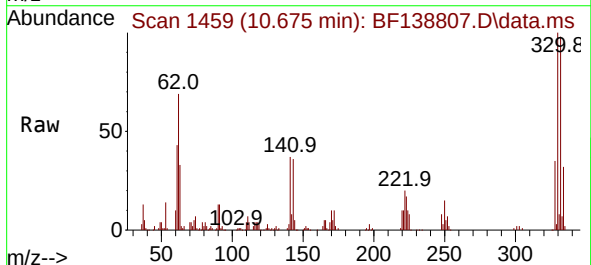
Instrument :
BNA_F
ClientSampleId :
PB162473BS

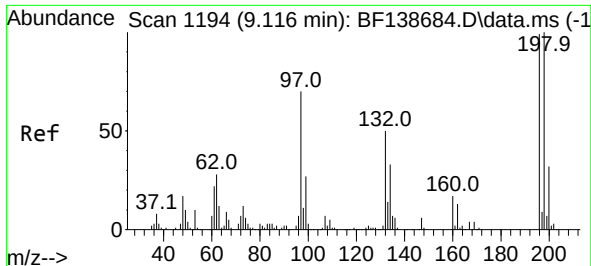
Tgt Ion:237 Resp: 105267
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 12.6 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 141.230 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:330 Resp: 141172
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 37.0 31.1 46.7

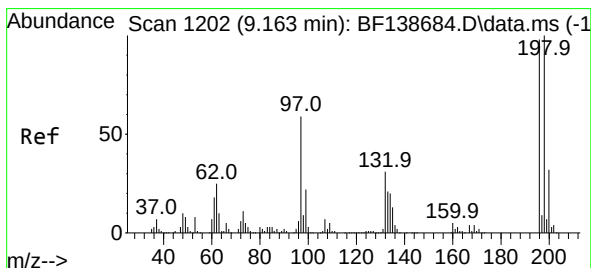
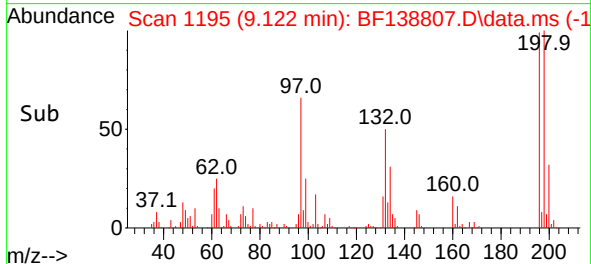
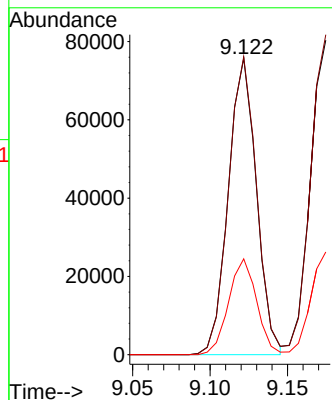
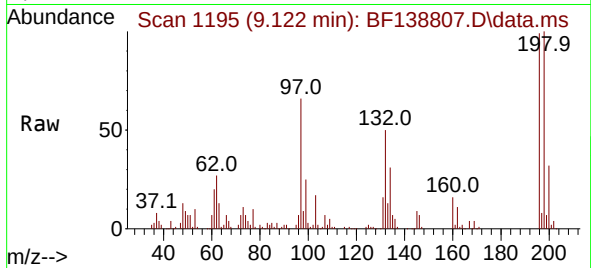




#43
2,4,6-Trichlorophenol
Concen: 46.300 ng
RT: 9.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

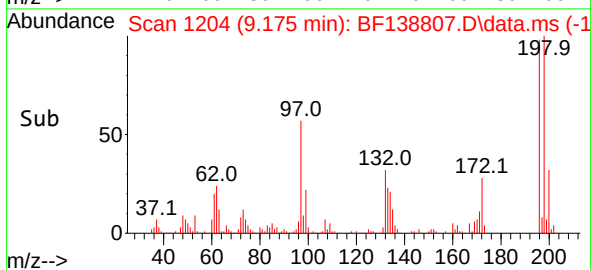
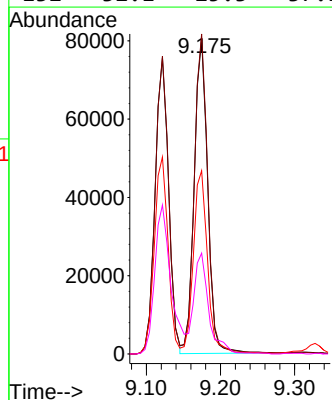
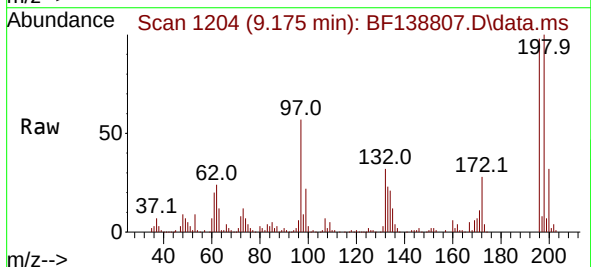
Instrument :
BNA_F
ClientSampleId :
PB162473BS

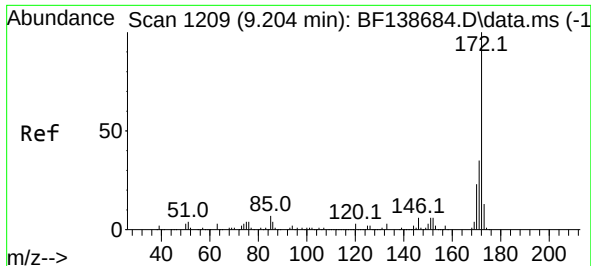
Tgt Ion:196 Resp: 95695
Ion Ratio Lower Upper
196 100
198 100.5 80.5 120.7
200 32.4 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 44.847 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:196 Resp: 101331
Ion Ratio Lower Upper
196 100
198 101.8 81.2 121.8
97 58.3 47.8 71.6
132 32.1 25.3 37.9

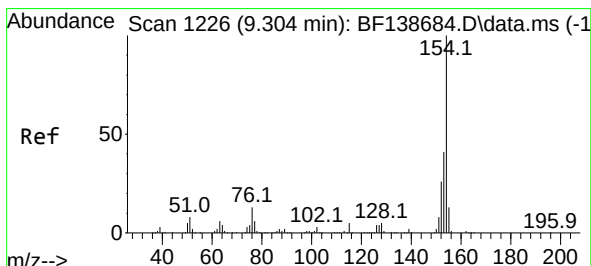
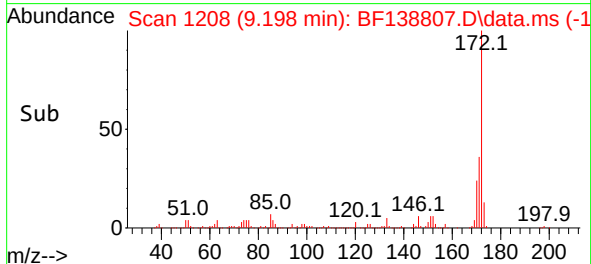
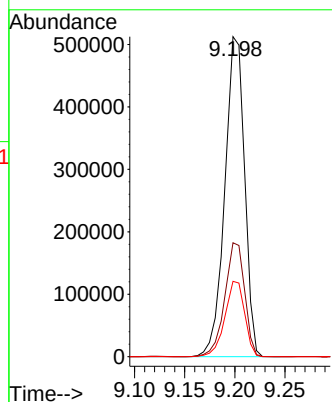
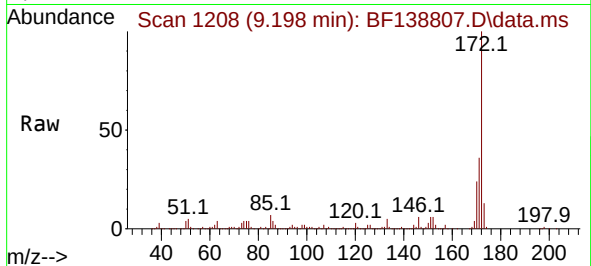




#45
2-Fluorobiphenyl
Concen: 86.663 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

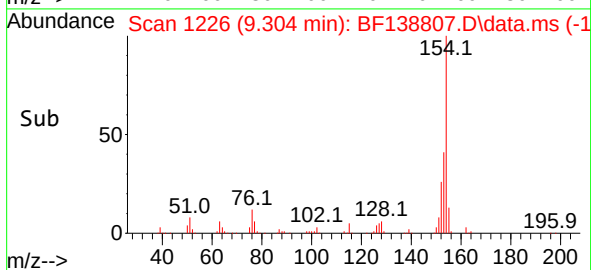
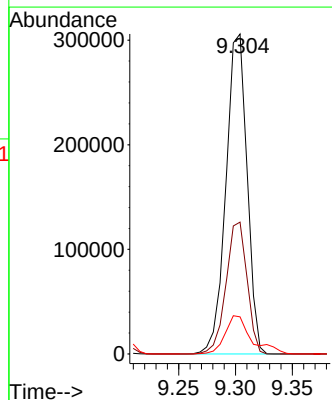
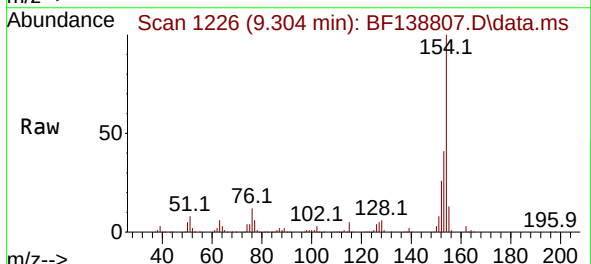
Instrument :
BNA_F
ClientSampleId :
PB162473BS

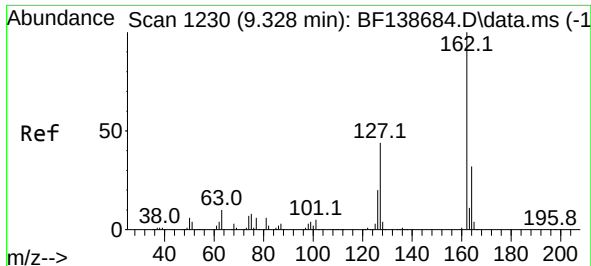
Tgt Ion:172 Resp: 703864
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 41.416 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:154 Resp: 395824
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 11.6 0.0 32.8





#47

2-Chloronaphthalene

Concen: 43.985 ng

RT: 9.328 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

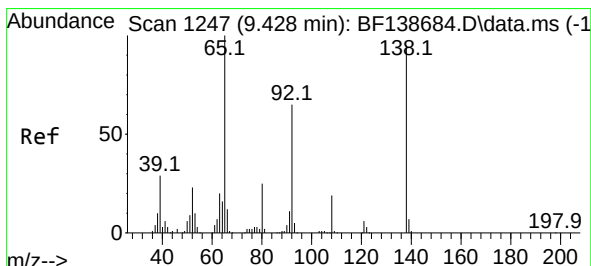
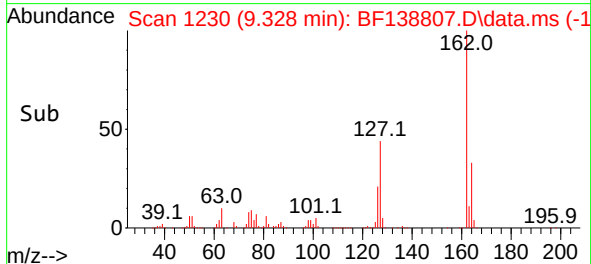
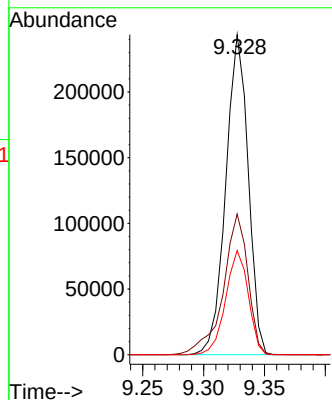
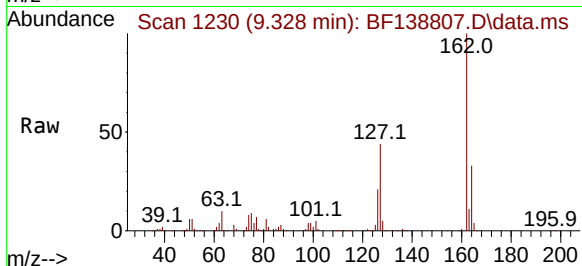
Tgt Ion:162 Resp: 312648

Ion Ratio Lower Upper

162 100

127 44.0 35.4 53.2

164 32.5 25.6 38.4



#48

2-Nitroaniline

Concen: 45.103 ng

RT: 9.433 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

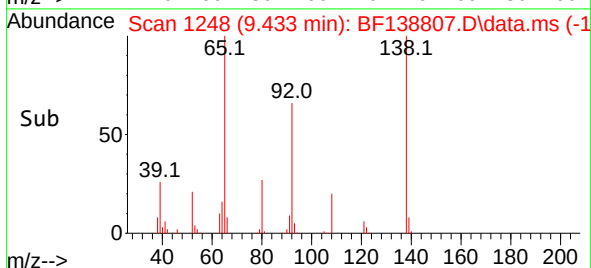
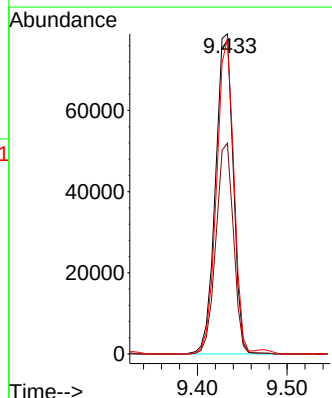
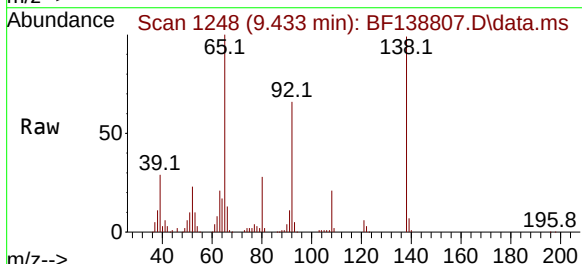
Tgt Ion: 65 Resp: 108685

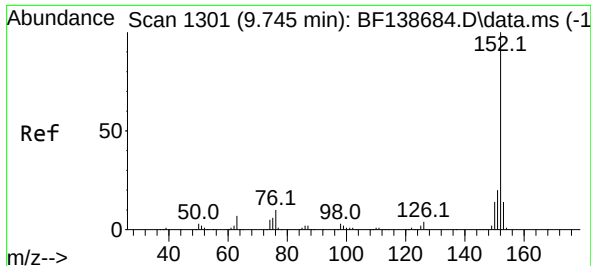
Ion Ratio Lower Upper

65 100

92 65.8 52.0 78.0

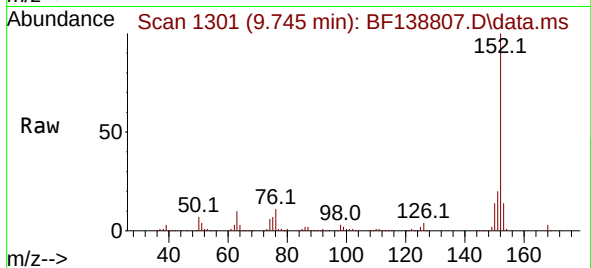
138 98.6 76.2 114.4



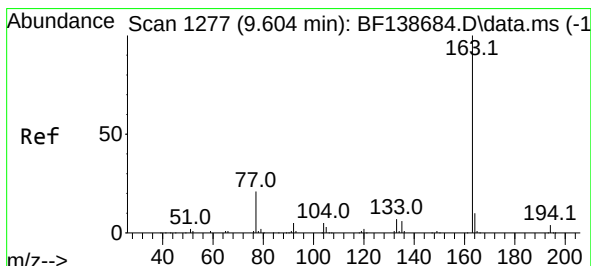
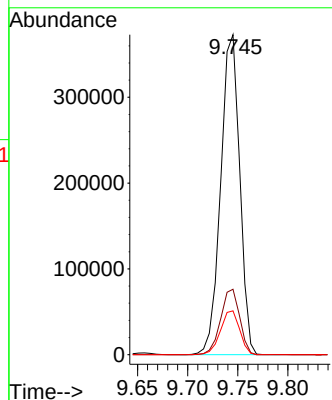
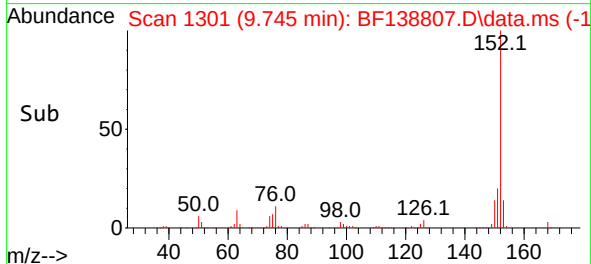


#49
Acenaphthylene
Concen: 48.612 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

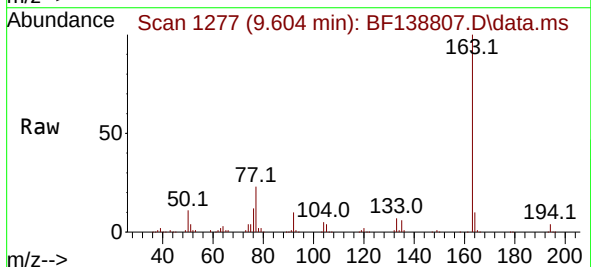
Instrument :
BNA_F
ClientSampleId :
PB162473BS



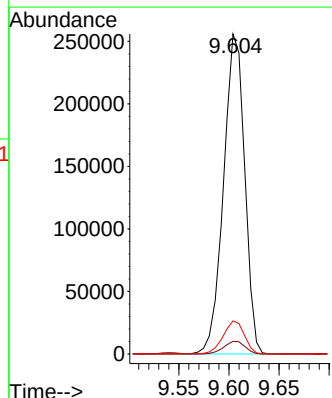
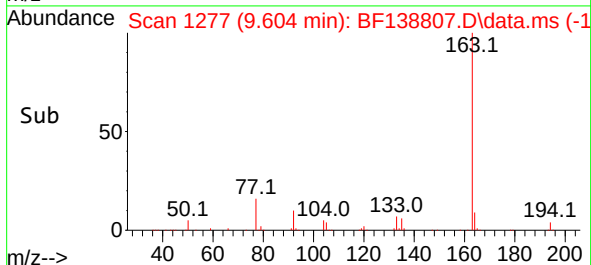
Tgt Ion:152 Resp: 490071
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.7 11.0 16.4

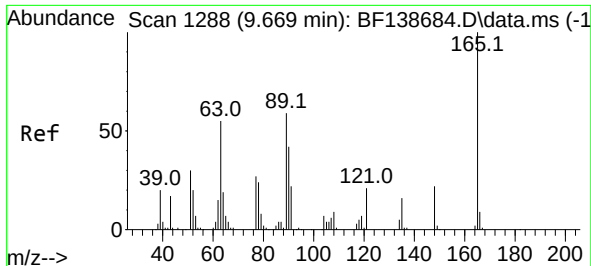


#50
Dimethylphthalate
Concen: 48.028 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:163 Resp: 374753
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 46.456 ng

RT: 9.675 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

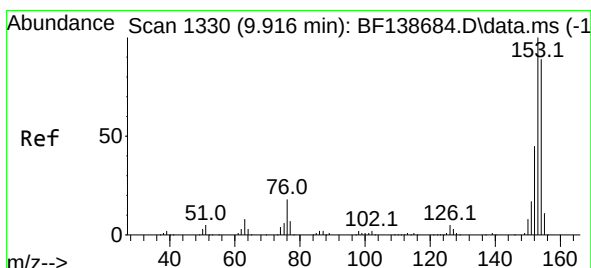
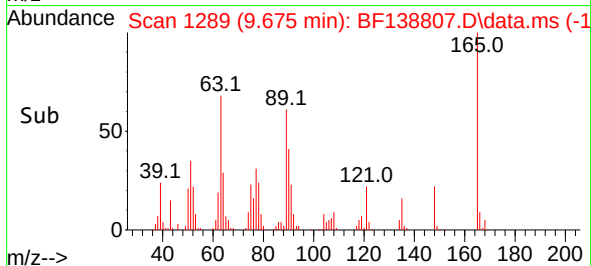
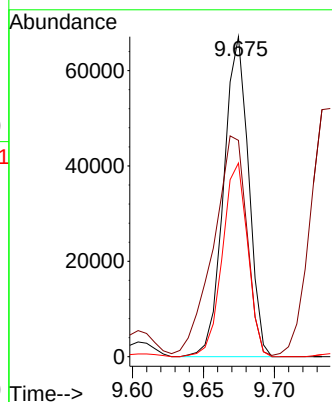
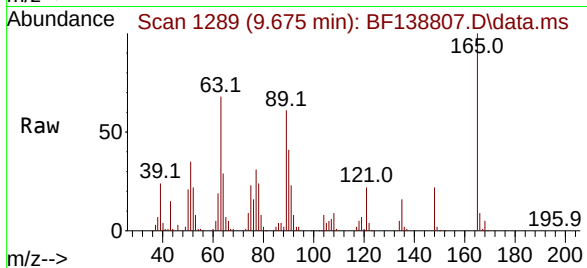
Tgt Ion:165 Resp: 81806

Ion Ratio Lower Upper

165 100

63 67.6 52.0 78.0

89 60.5 47.0 70.6



#52

Acenaphthene

Concen: 44.217 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

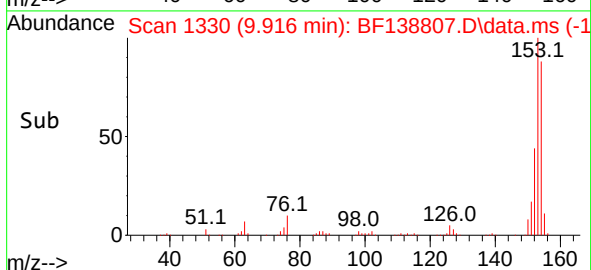
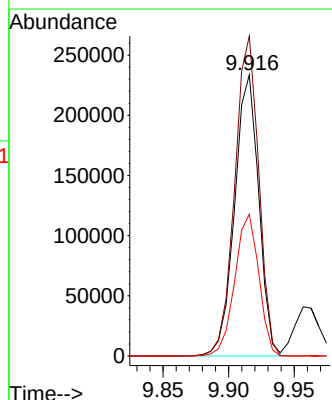
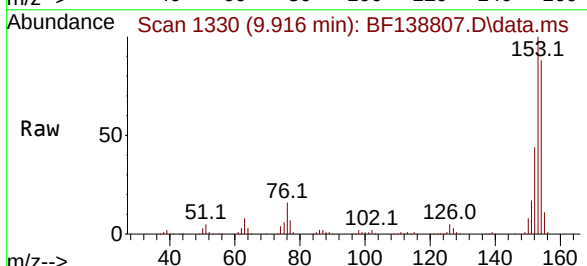
Tgt Ion:154 Resp: 299651

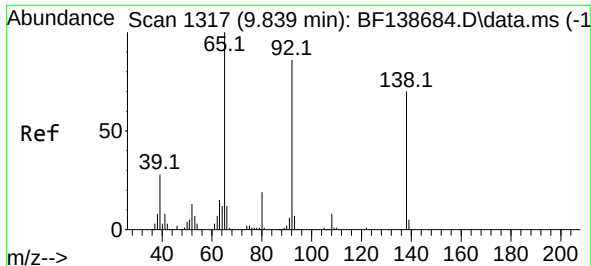
Ion Ratio Lower Upper

154 100

153 113.8 89.9 134.9

152 50.4 40.6 60.8

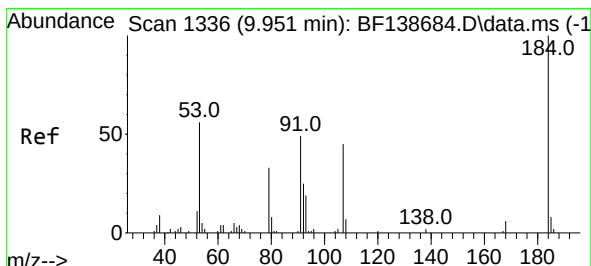
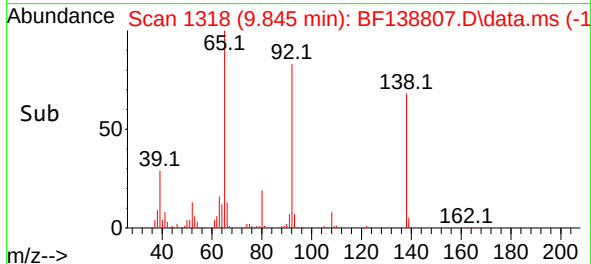
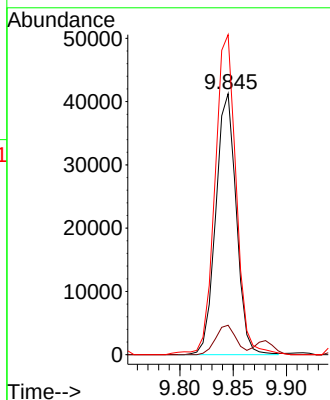
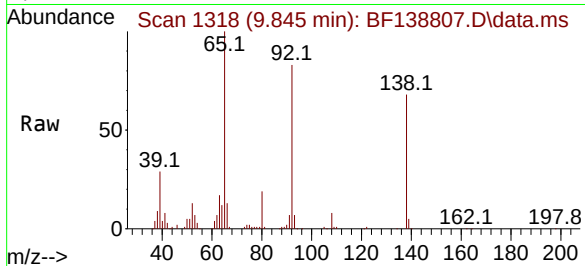




#53
3-Nitroaniline
Concen: 30.280 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

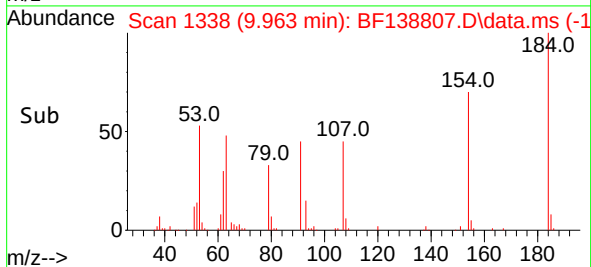
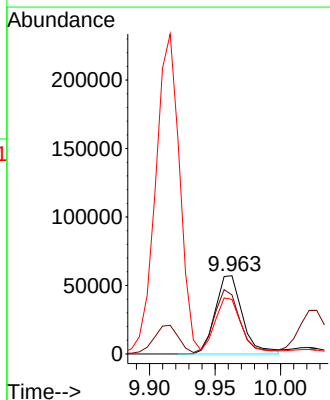
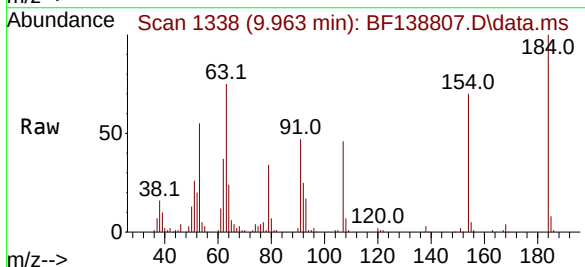
Instrument :
BNA_F
ClientSampleId :
PB162473BS

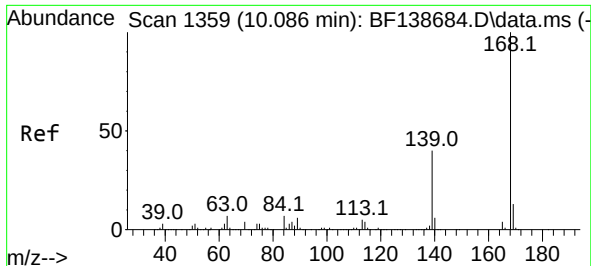
Tgt Ion:138 Resp: 55122
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 122.6 98.7 148.1



#54
2,4-Dinitrophenol
Concen: 101.371 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:184 Resp: 82173
Ion Ratio Lower Upper
184 100
63 75.4 57.5 86.3
154 69.7 51.7 77.5

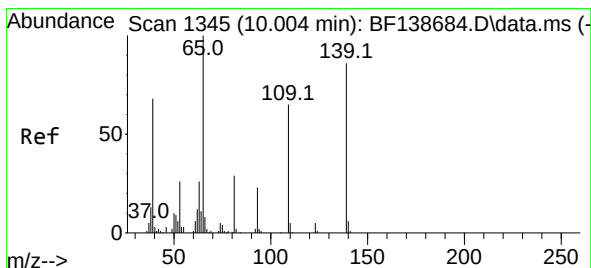
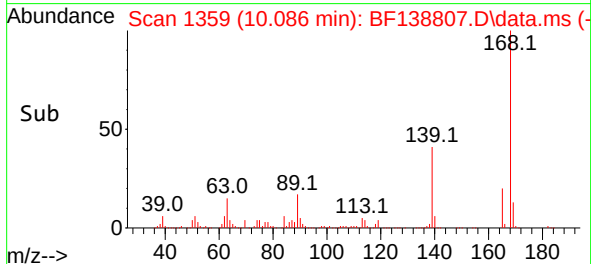
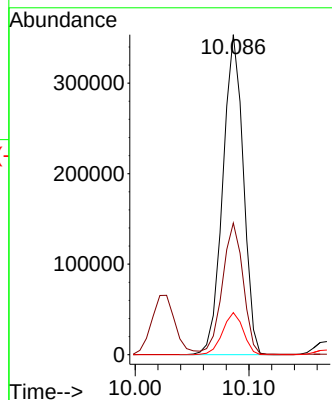
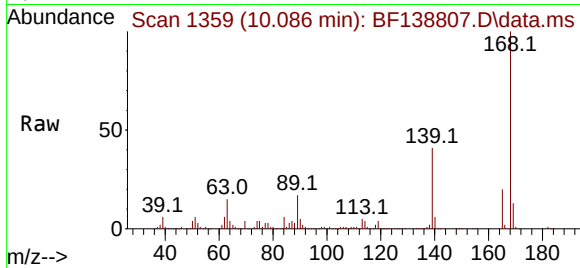




#55
Dibenzenofuran
Concen: 46.394 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

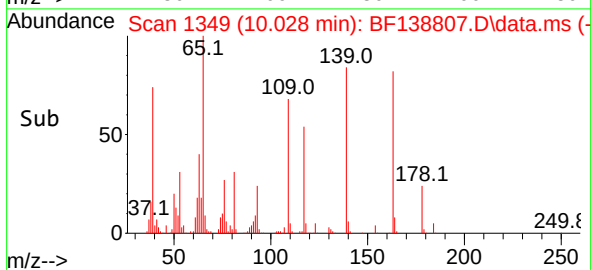
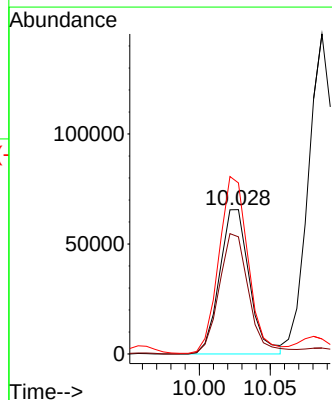
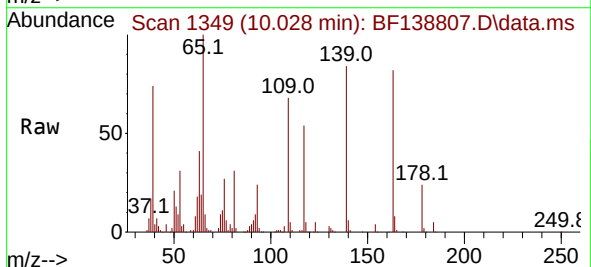
Instrument :
BNA_F
ClientSampleId :
PB162473BS

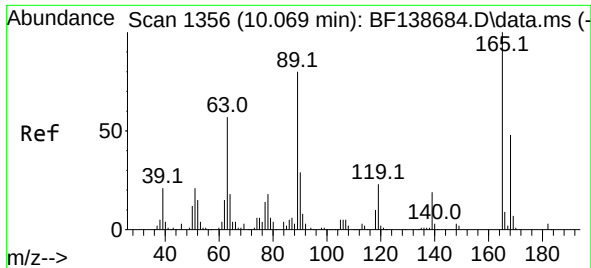
Tgt Ion:168 Resp: 443813
Ion Ratio Lower Upper
168 100
139 41.1 32.6 49.0
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 87.501 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:139 Resp: 95788
Ion Ratio Lower Upper
139 100
109 81.2 55.5 95.5
65 118.6 96.7 136.7

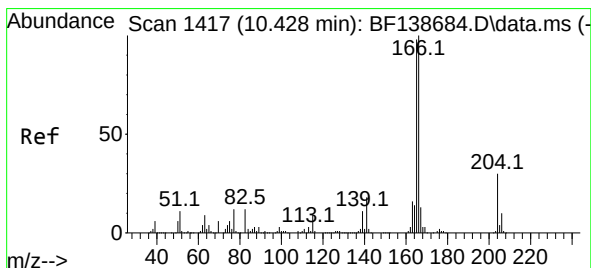
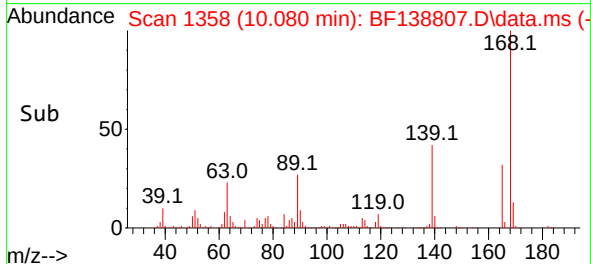
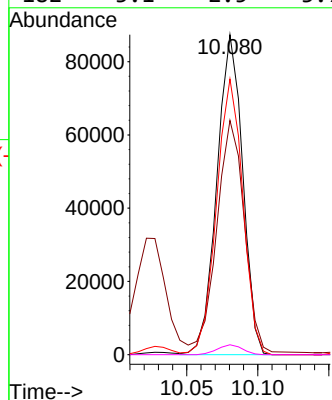
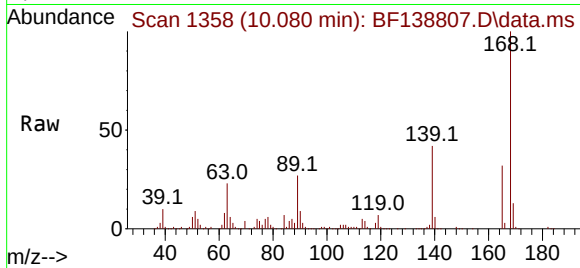




#57
2,4-Dinitrotoluene
Concen: 49.017 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

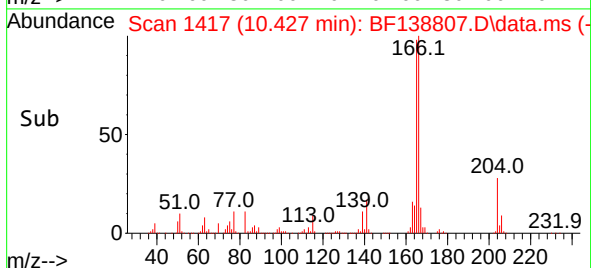
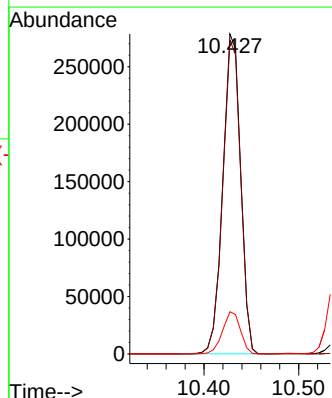
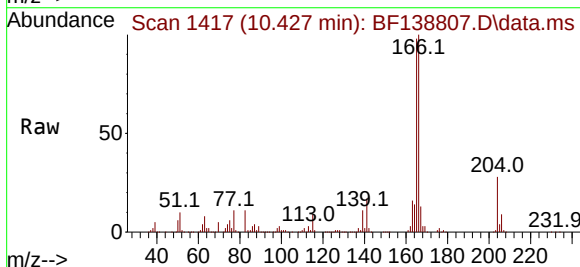
Instrument :
BNA_F
ClientSampleId :
PB162473BS

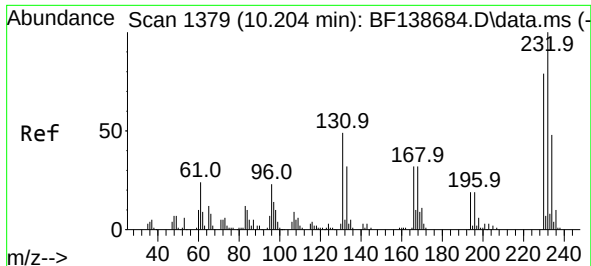
Tgt Ion:165 Resp: 110126
Ion Ratio Lower Upper
165 100
63 73.2 46.3 69.5#
89 86.1 64.2 96.4
182 3.1 2.5 3.7



#58
Fluorene
Concen: 47.757 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:166 Resp: 363805
Ion Ratio Lower Upper
166 100
165 98.1 78.4 117.6
167 13.2 10.6 16.0

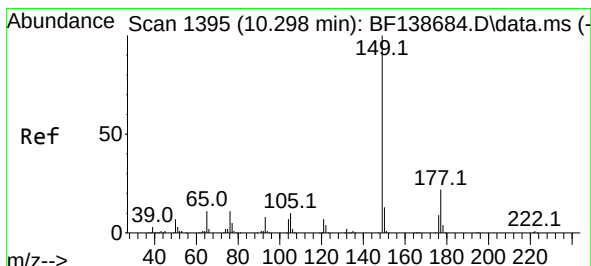
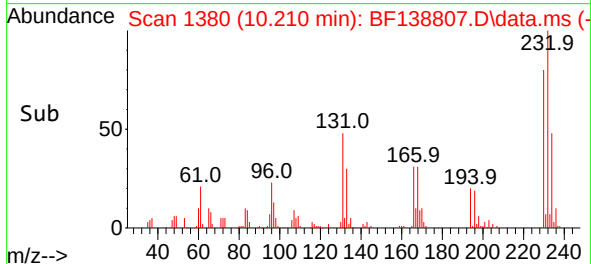
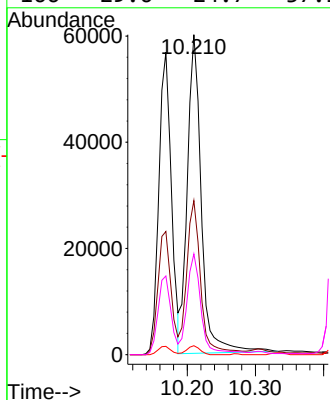
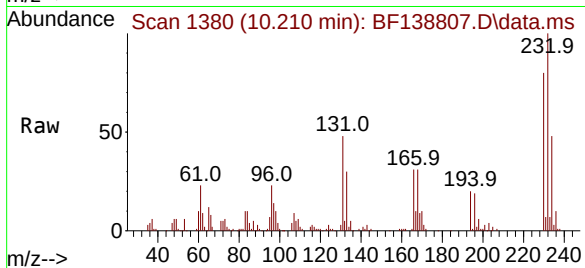




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.277 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

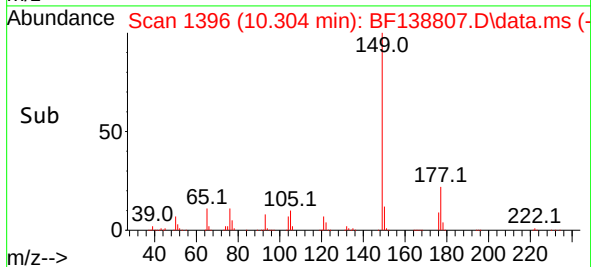
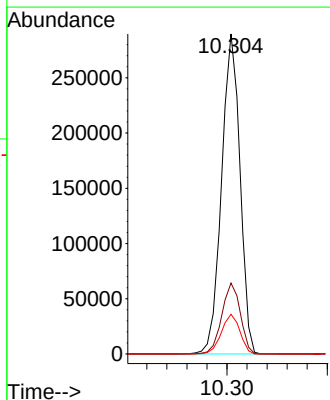
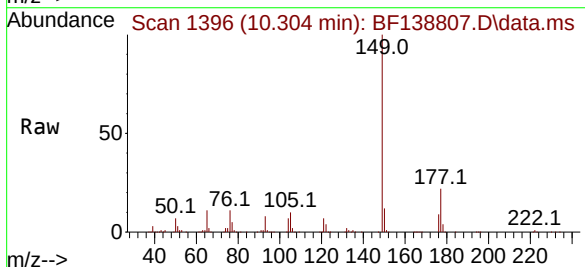
Instrument :
BNA_F
ClientSampleId :
PB162473BS

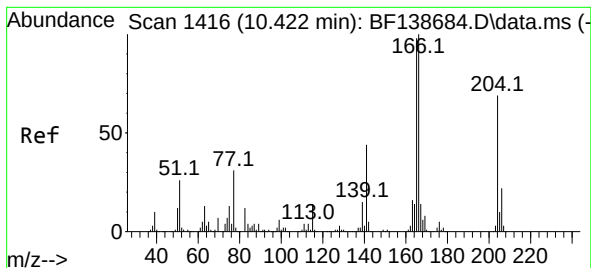
Tgt Ion:232 Resp: 85121
Ion Ratio Lower Upper
232 100
131 47.4 37.0 55.4
130 2.6 2.0 3.0
166 29.6 24.7 37.1



#60
Diethylphthalate
Concen: 49.825 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:149 Resp: 368621
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.4 10.1 15.1

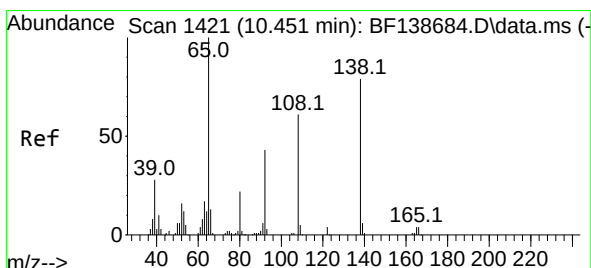
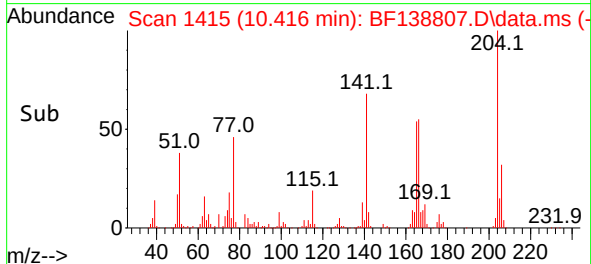
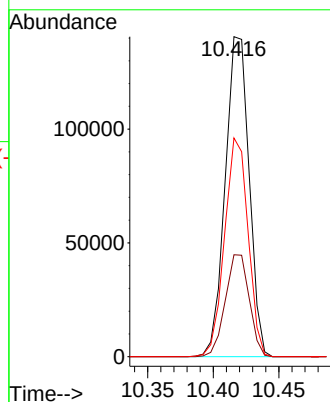
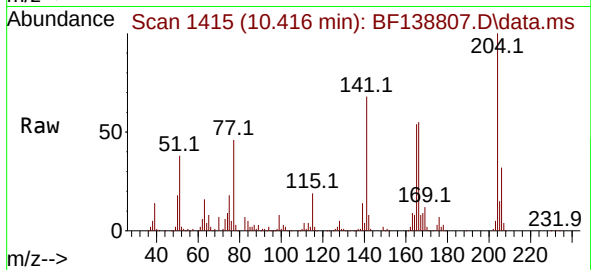




#61
4-Chlorophenyl-phenylether
Concen: 47.647 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

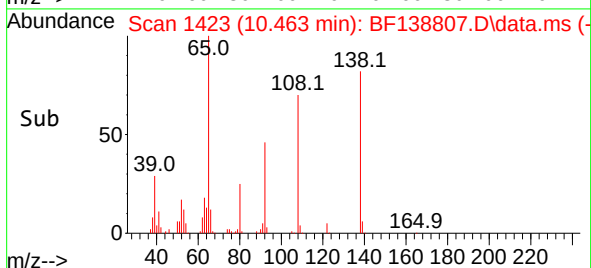
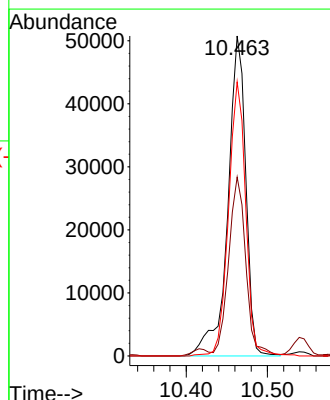
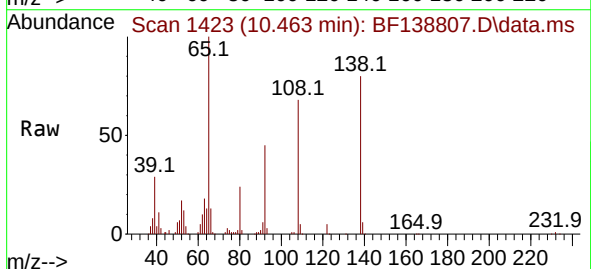
Instrument :
BNA_F
ClientSampleId :
PB162473BS

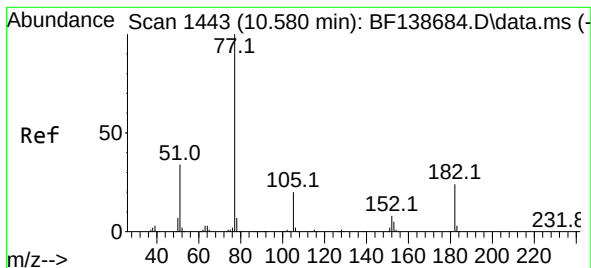
Tgt Ion:204 Resp: 178516
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 68.4 51.4 77.0



#62
4-Nitroaniline
Concen: 45.156 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:138 Resp: 78118
Ion Ratio Lower Upper
138 100
92 55.9 34.2 74.2
108 85.7 56.2 96.2





#63

Azobenzene

Concen: 45.490 ng

RT: 10.580 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

Tgt Ion: 77 Resp: 373271

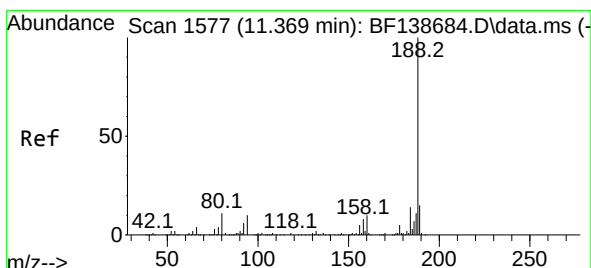
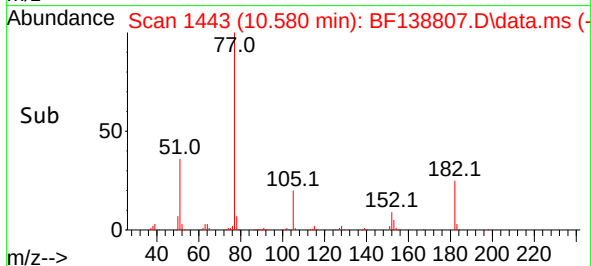
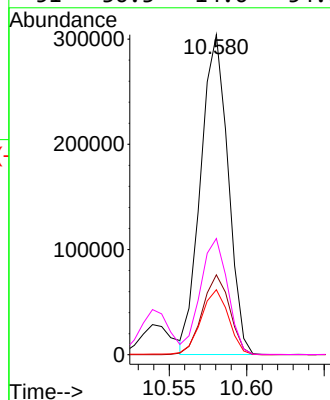
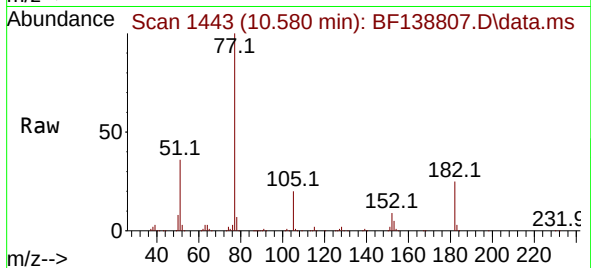
Ion Ratio Lower Upper

77 100

182 25.0 3.4 43.4

105 20.3 0.2 40.2

51 36.3 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

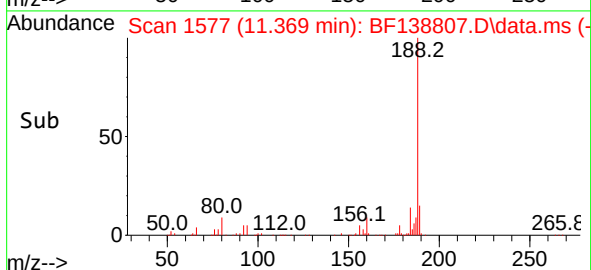
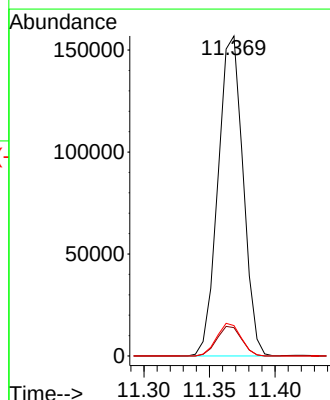
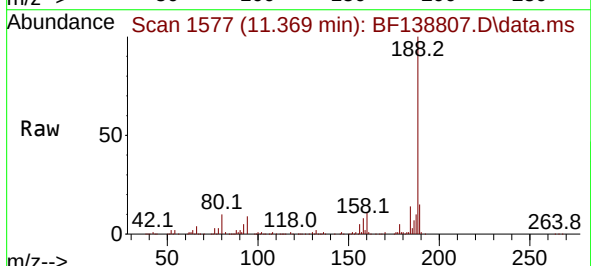
Tgt Ion:188 Resp: 208053

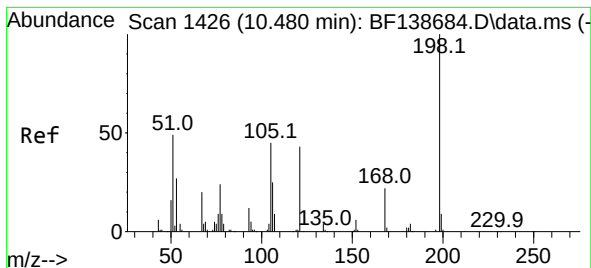
Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.5 8.6 12.8

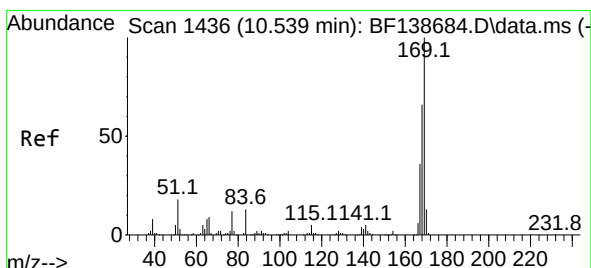
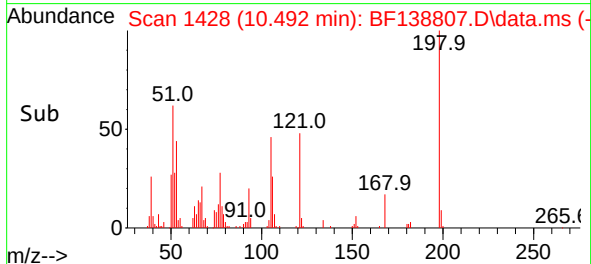
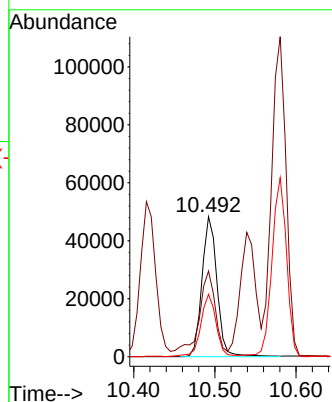
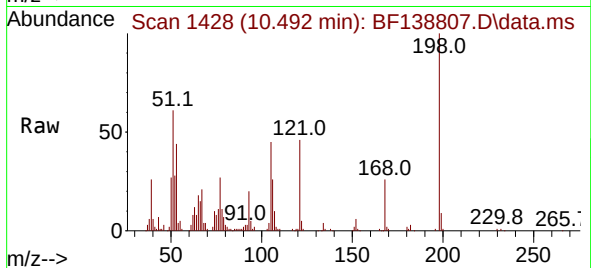




#65
4,6-Dinitro-2-methylphenol
Concen: 48.879 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

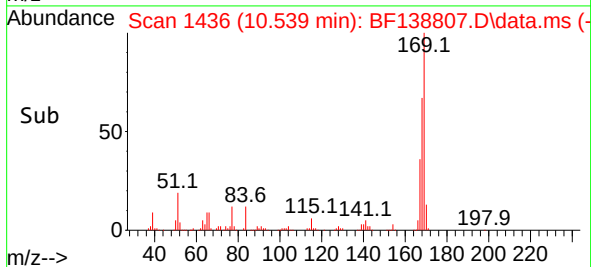
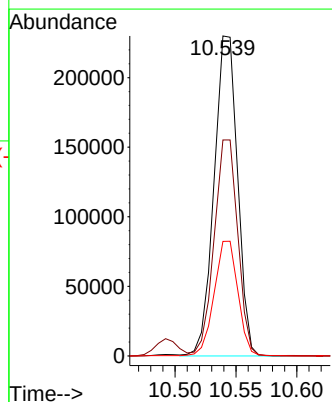
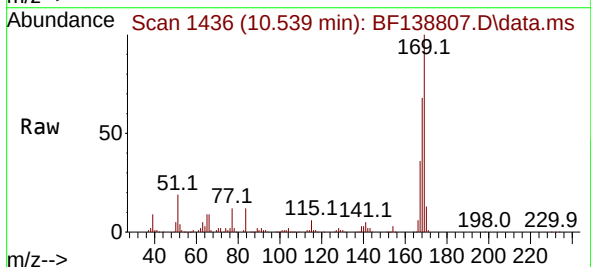
Instrument :
BNA_F
ClientSampleId :
PB162473BS

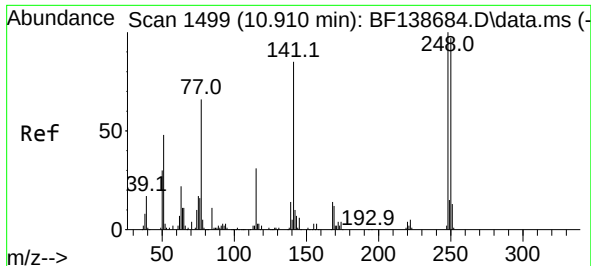
Tgt Ion:198 Resp: 62042
Ion Ratio Lower Upper
198 100
51 61.2 39.9 79.9
105 44.6 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 47.502 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:169 Resp: 308920
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.6
167 35.8 29.0 43.6

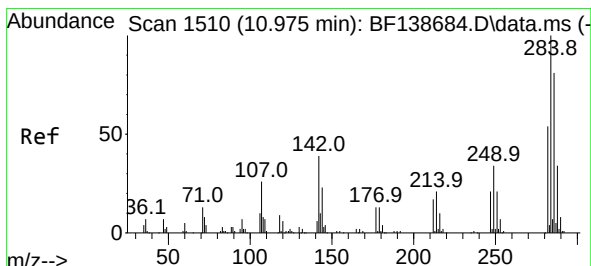
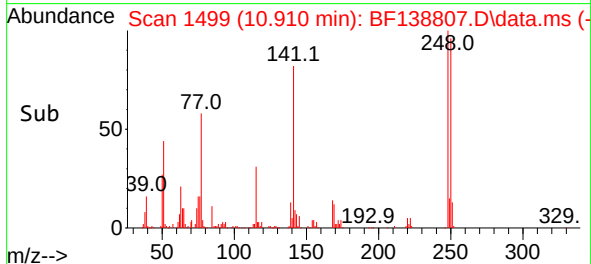
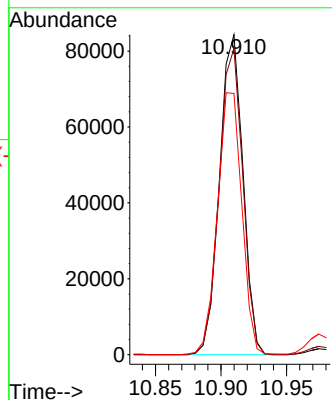
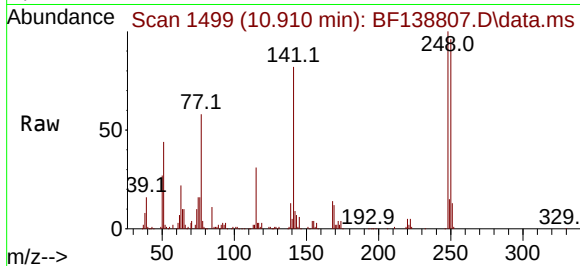




#67
4-Bromophenyl-phenylether
Concen: 46.563 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

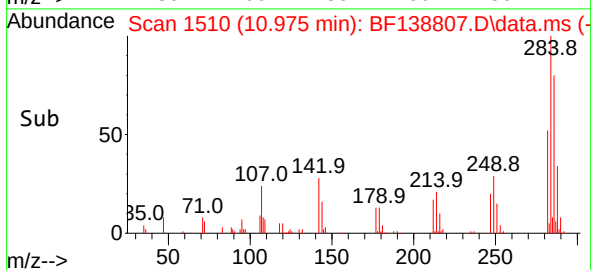
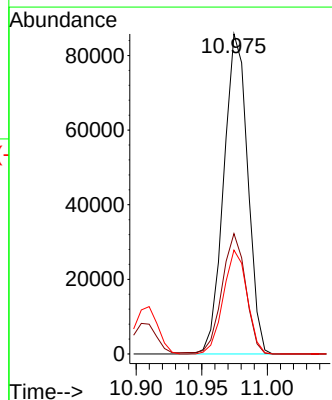
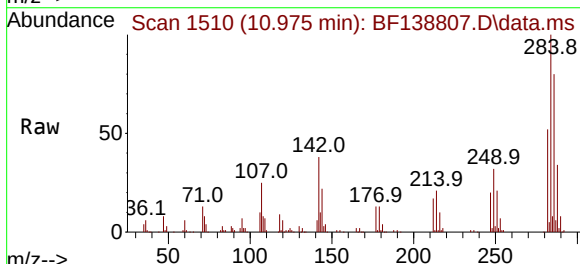
Instrument :
BNA_F
ClientSampleId :
PB162473BS

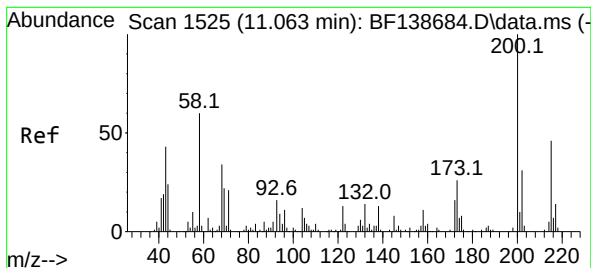
Tgt Ion:248 Resp: 104886
Ion Ratio Lower Upper
248 100
250 95.7 77.7 116.5
141 81.7 68.0 102.0



#68
Hexachlorobenzene
Concen: 46.803 ng
RT: 10.975 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:284 Resp: 108853
Ion Ratio Lower Upper
284 100
142 37.6 31.3 46.9
249 32.5 27.2 40.8





#69

Atrazine

Concen: 55.596 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

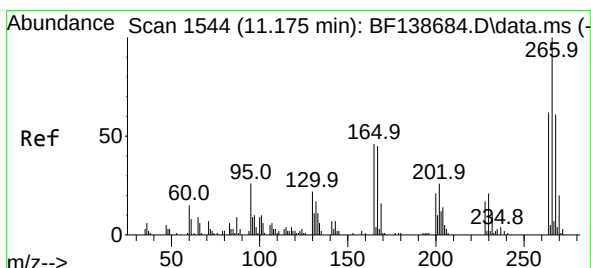
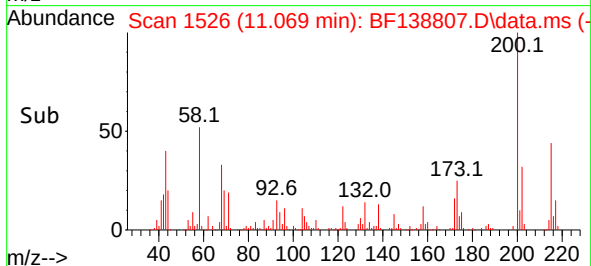
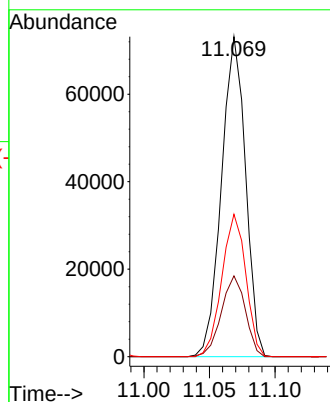
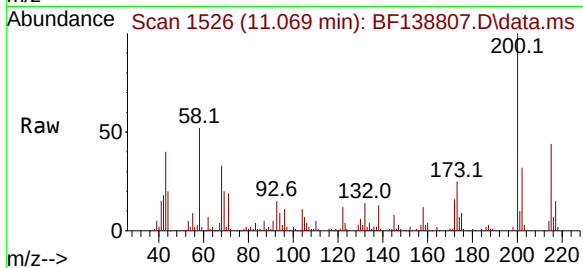
Tgt Ion:200 Resp: 93282

Ion Ratio Lower Upper

200 100

173 25.2 6.0 46.0

215 44.5 26.1 66.1



#70

Pentachlorophenol

Concen: 85.970 ng

RT: 11.180 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

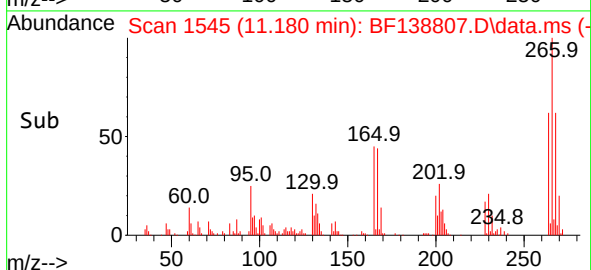
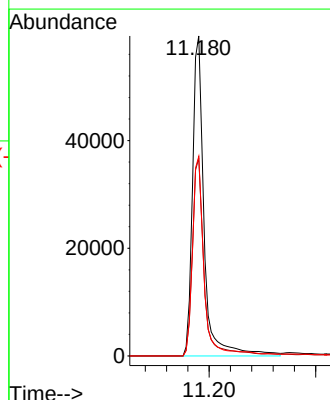
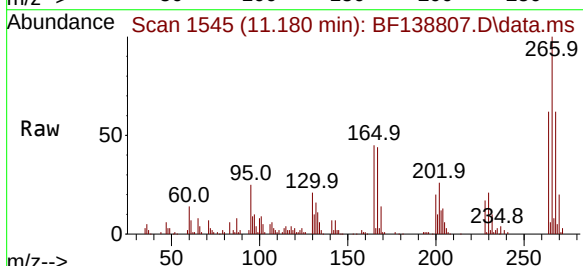
Tgt Ion:266 Resp: 90125

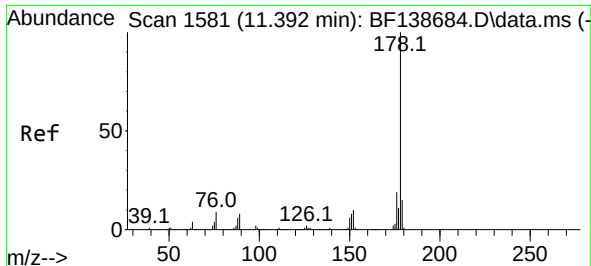
Ion Ratio Lower Upper

266 100

268 61.8 49.2 73.8

264 62.3 49.8 74.6

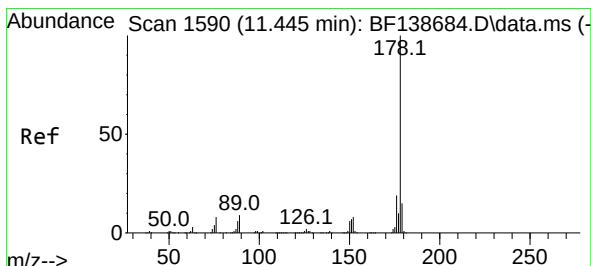
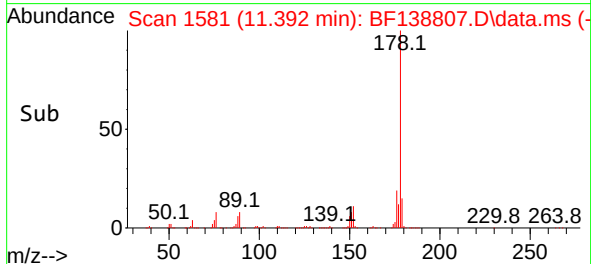
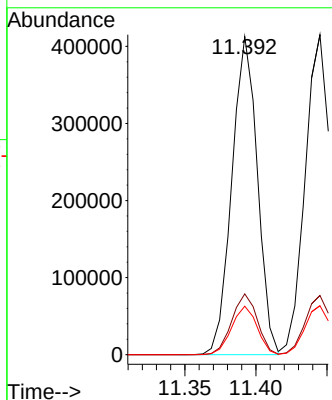
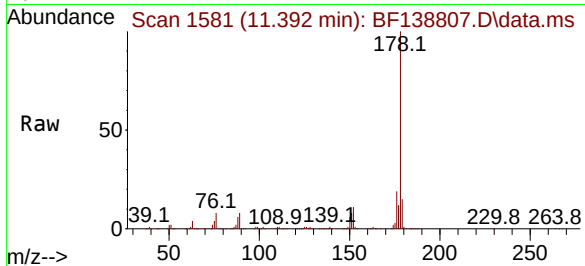




#71
Phenanthrene
Concen: 48.132 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

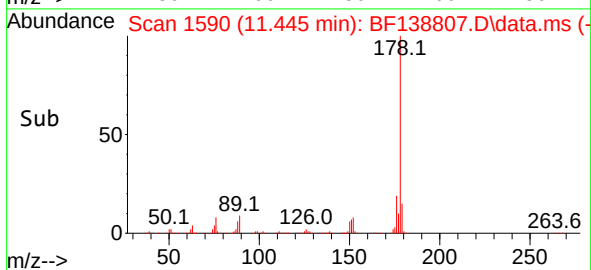
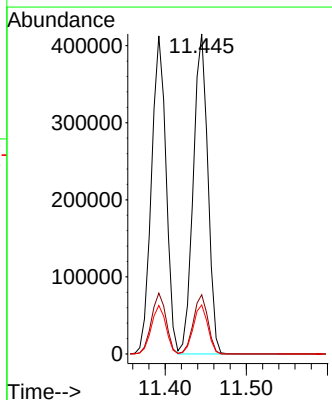
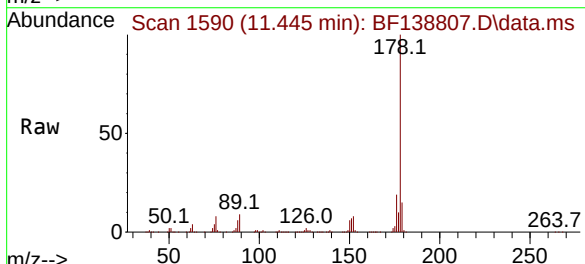
Instrument :
BNA_F
ClientSampleId :
PB162473BS

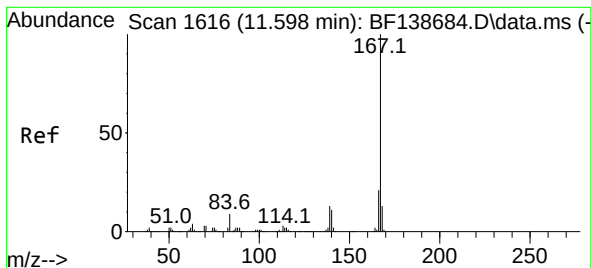
Tgt Ion:178 Resp: 515642
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.2 12.2 18.2



#72
Anthracene
Concen: 49.175 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:178 Resp: 518986
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.3 12.4 18.6





#73

Carbazole

Concen: 47.882 ng

RT: 11.598 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

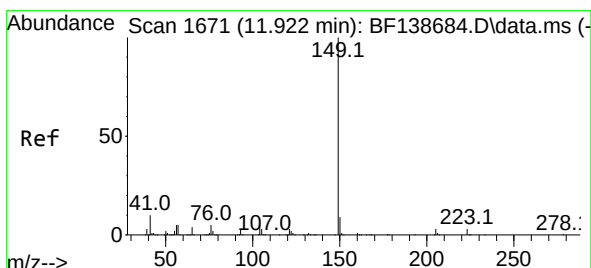
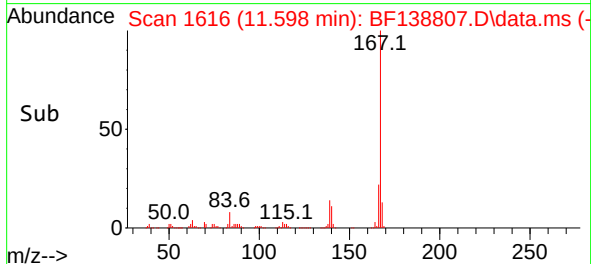
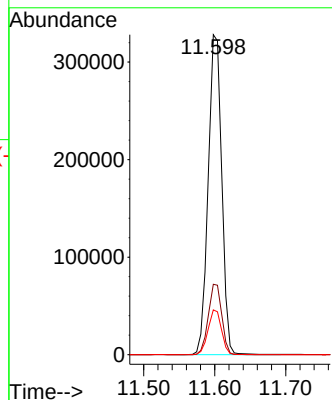
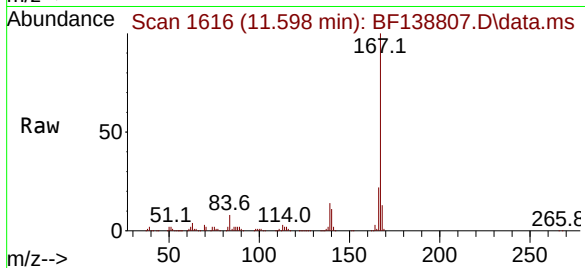
Tgt Ion:167 Resp: 435984

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 14.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 55.843 ng

RT: 11.922 min Scan# 1671

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

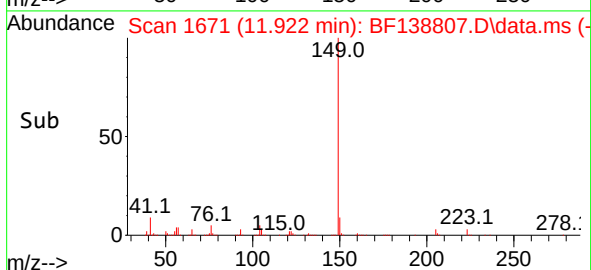
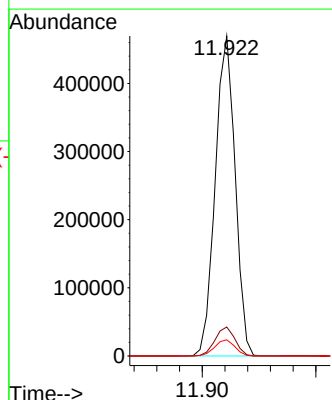
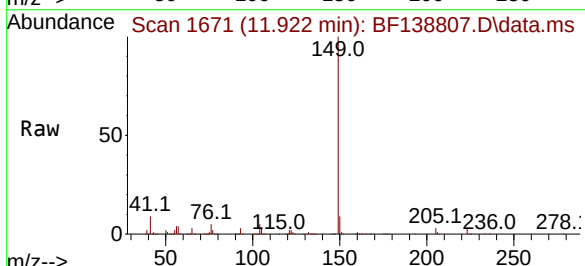
Tgt Ion:149 Resp: 571600

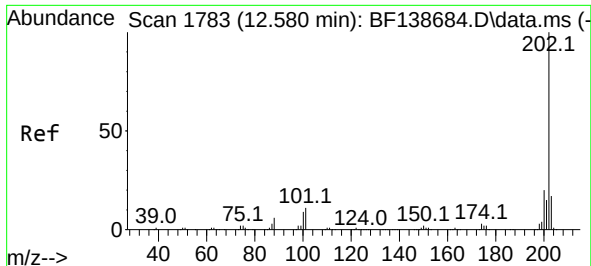
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.0 4.1 6.1

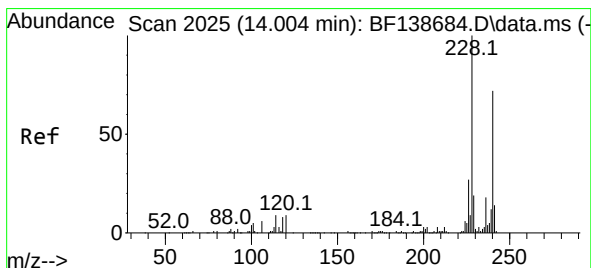
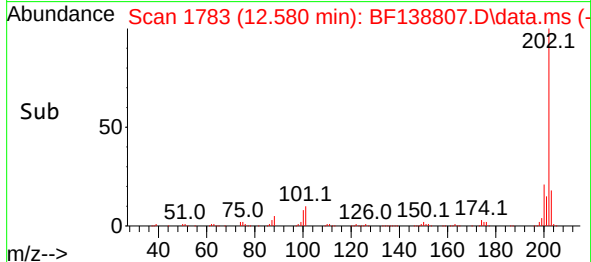
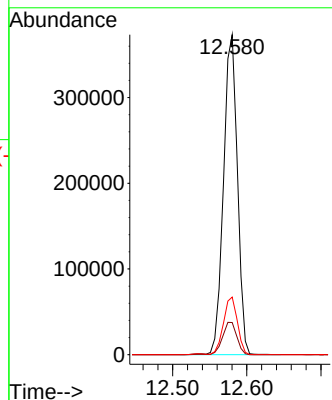
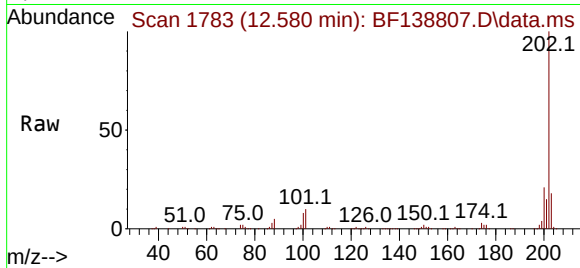




#75
Fluoranthene
Concen: 48.725 ng
RT: 12.580 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

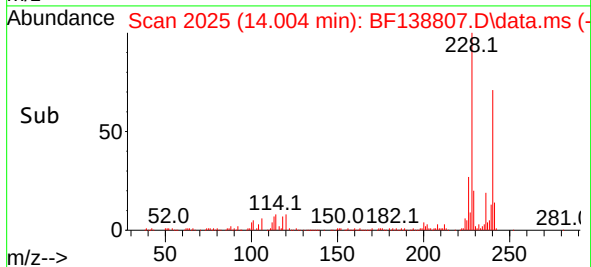
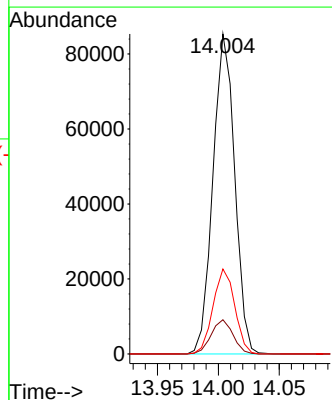
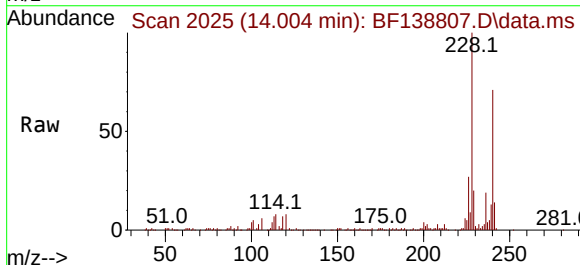
Instrument :
BNA_F
ClientSampleId :
PB162473BS

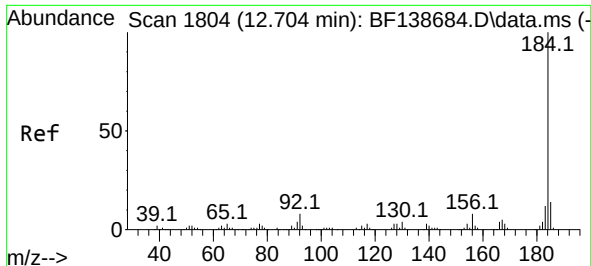
Tgt Ion:202 Resp: 487313
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.2
203 18.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:240 Resp: 105962
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 26.6 19.8 29.8

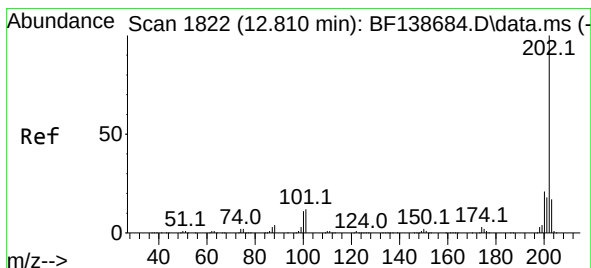
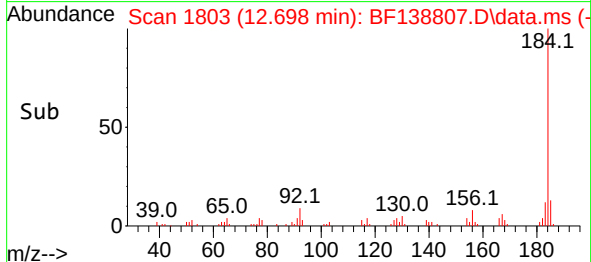
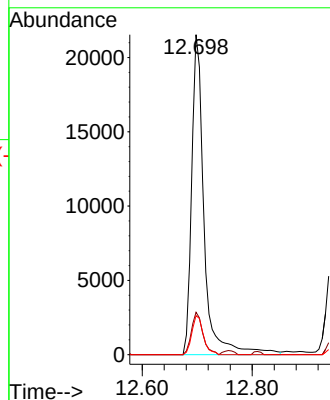
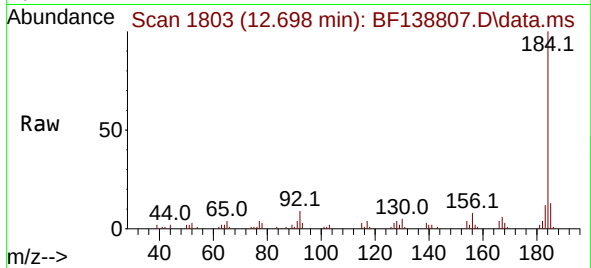




#77
Benzidine
Concen: 13.300 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

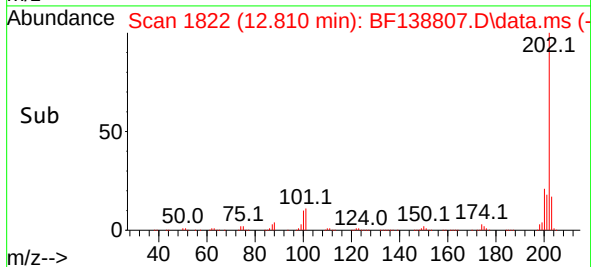
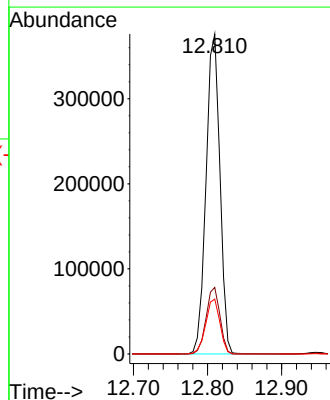
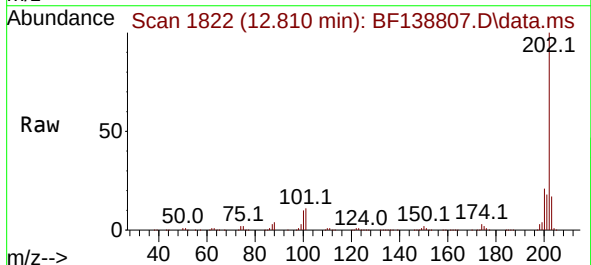
Instrument :
BNA_F
ClientSampleId :
PB162473BS

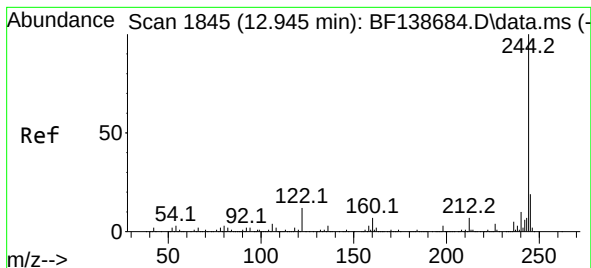
Tgt Ion:184 Resp: 33709
Ion Ratio Lower Upper
184 100
185 13.3 11.1 16.7
183 12.2 9.6 14.4



#78
Pyrene
Concen: 49.148 ng
RT: 12.810 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:202 Resp: 490330
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 110.929 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

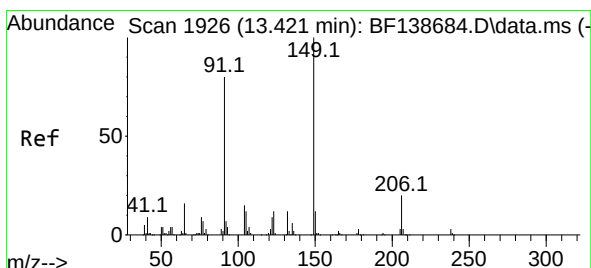
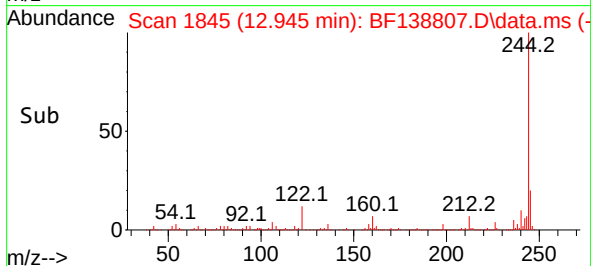
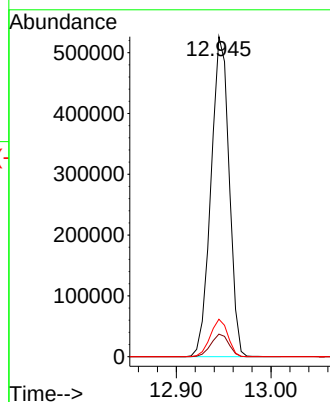
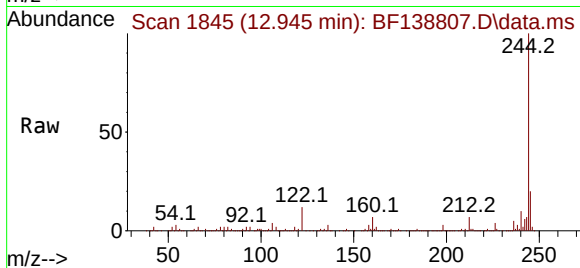
Tgt Ion:244 Resp: 702053

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.7 9.6 14.4



#80

Butylbenzylphthalate

Concen: 51.065 ng

RT: 13.416 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

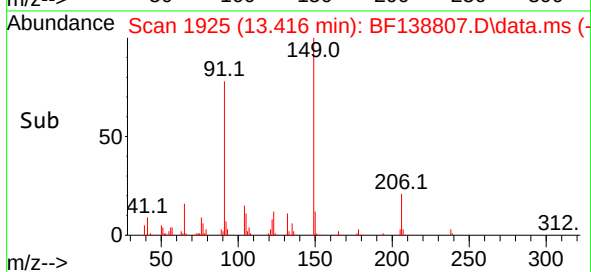
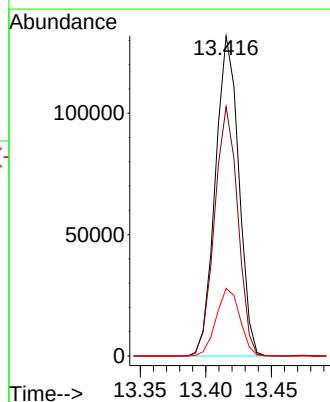
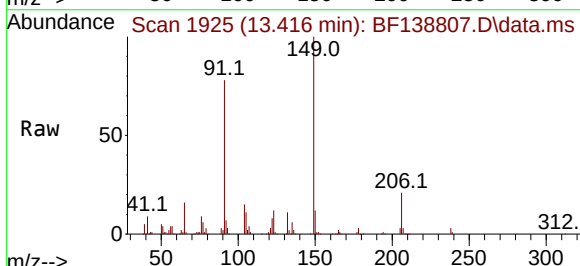
Tgt Ion:149 Resp: 163144

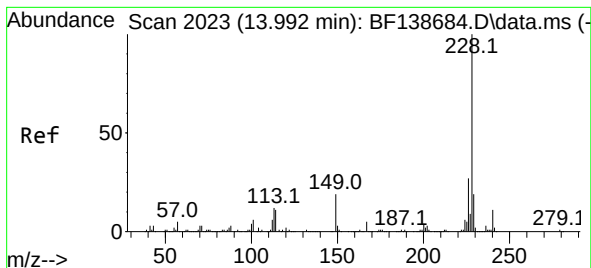
Ion Ratio Lower Upper

149 100

91 77.9 63.7 95.5

206 21.1 16.2 24.2





#81

Benzo(a)anthracene

Concen: 46.203 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

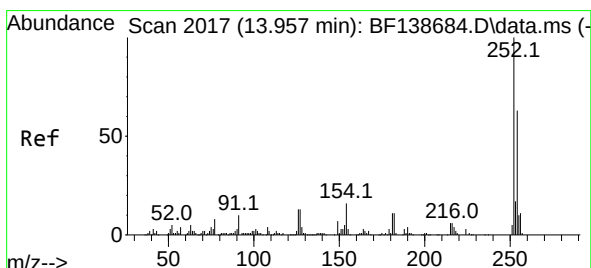
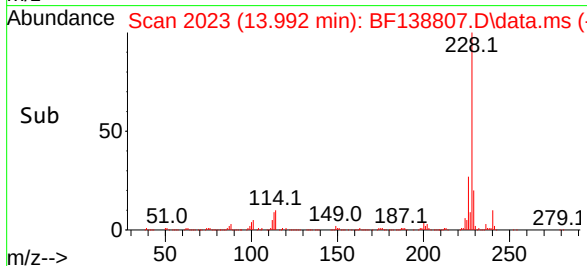
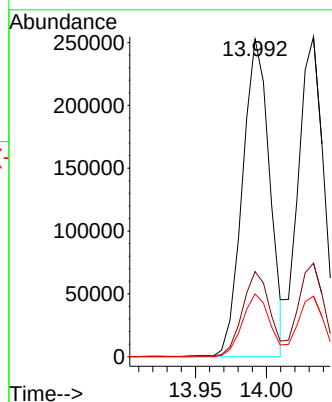
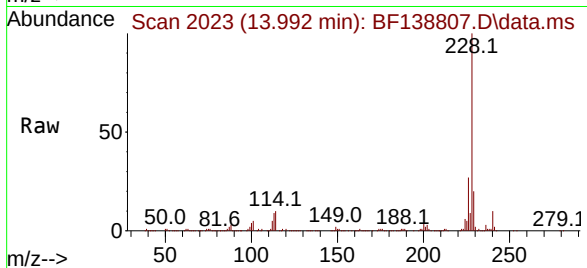
Tgt Ion:228 Resp: 337131

Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

229 19.7 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 34.099 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

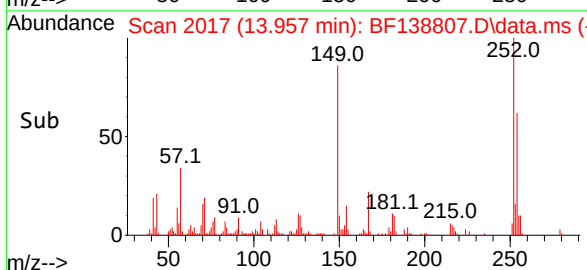
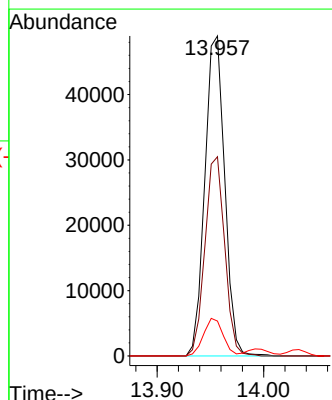
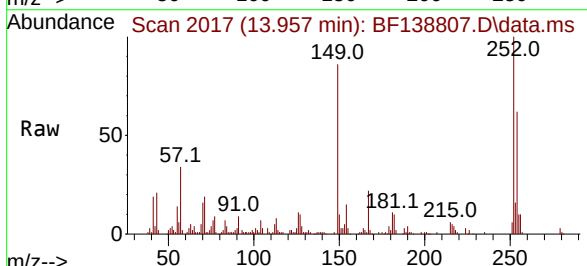
Tgt Ion:252 Resp: 63673

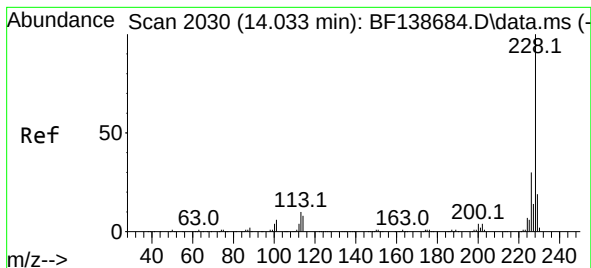
Ion Ratio Lower Upper

252 100

254 62.3 50.8 76.2

126 10.9 10.2 15.2





#83

Chrysene

Concen: 48.355 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

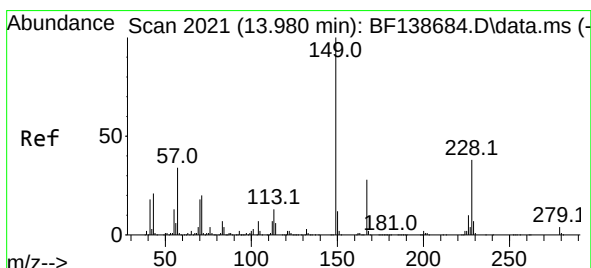
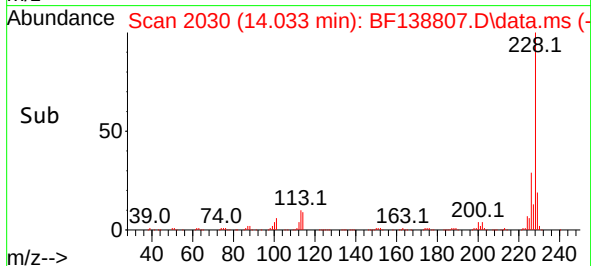
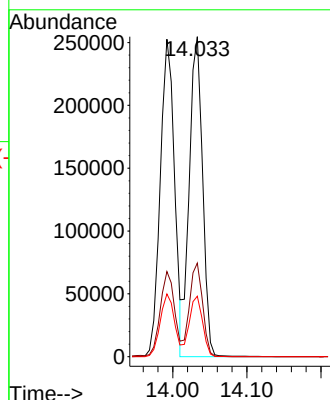
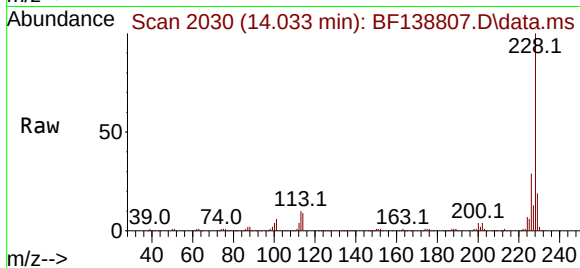
Tgt Ion:228 Resp: 318323

Ion Ratio Lower Upper

228 100

226 29.2 23.7 35.5

229 18.9 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.455 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

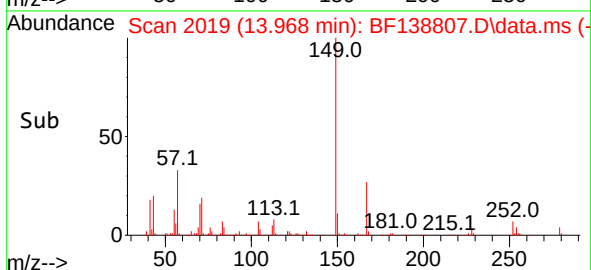
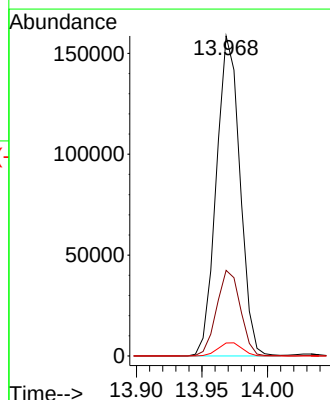
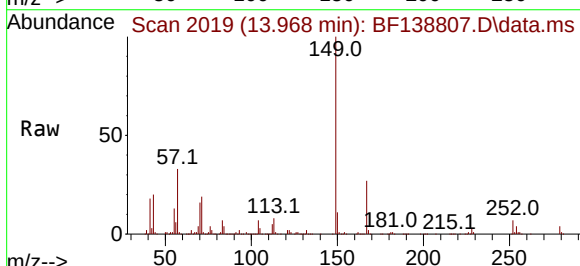
Tgt Ion:149 Resp: 198613

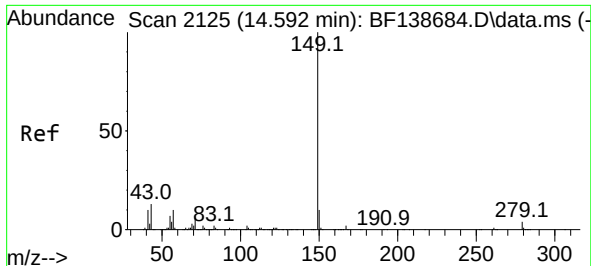
Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.4

279 4.1 3.4 5.0

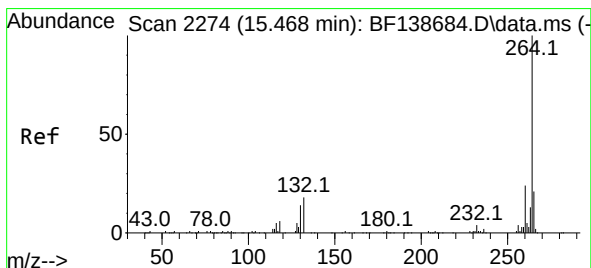
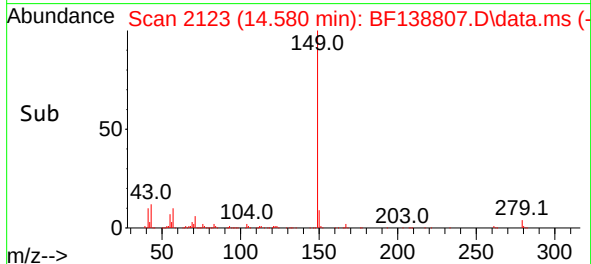
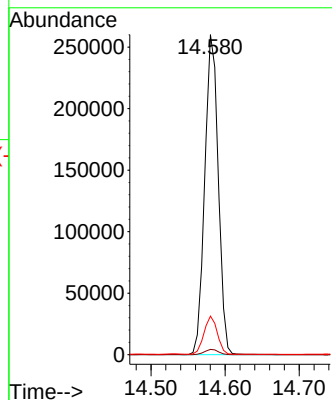
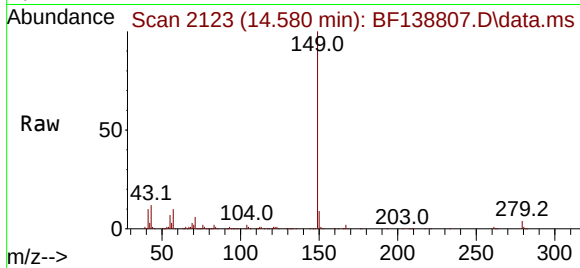




#85
Di-n-octyl phthalate
Concen: 38.071 ng
RT: 14.580 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

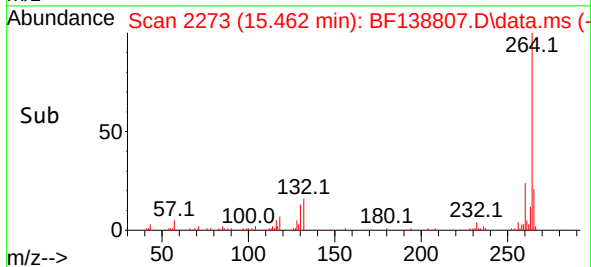
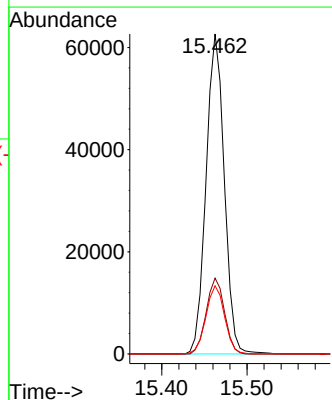
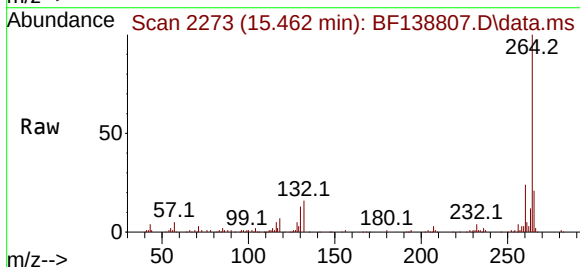
Instrument :
BNA_F
ClientSampleId :
PB162473BS

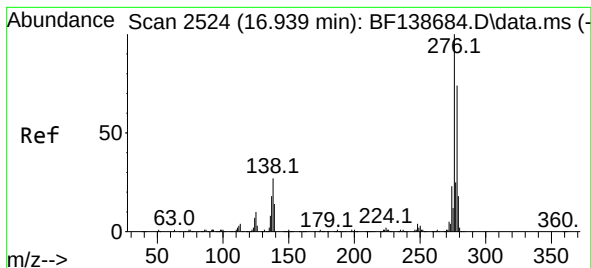
Tgt Ion:149 Resp: 329523
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.7 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:264 Resp: 92958
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.788 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

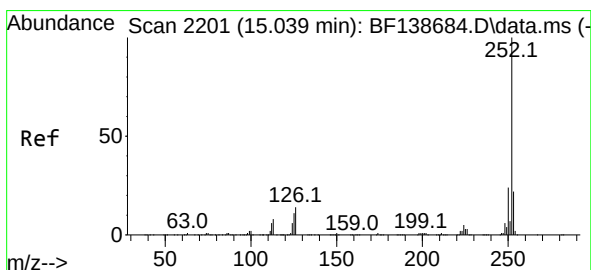
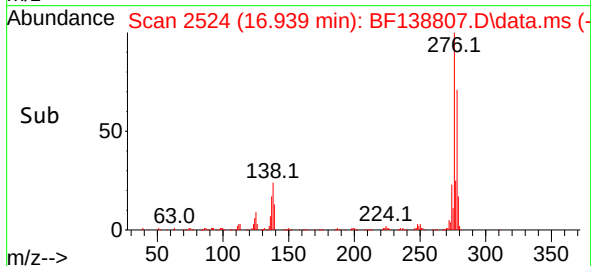
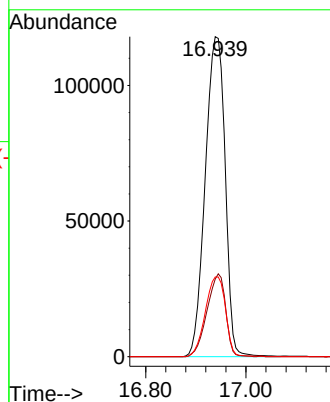
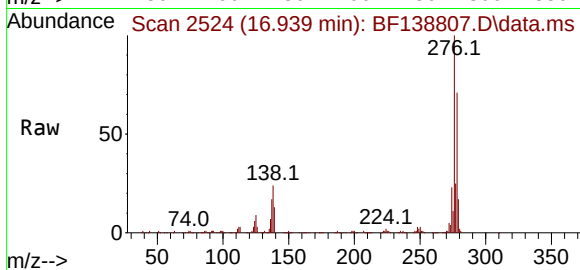
Tgt Ion:276 Resp: 325009

Ion Ratio Lower Upper

276 100

138 24.2 21.8 32.8

277 25.3 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 47.542 ng

RT: 15.039 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

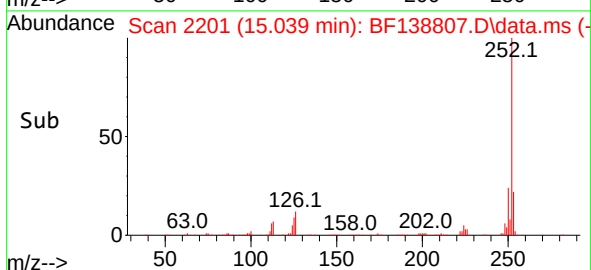
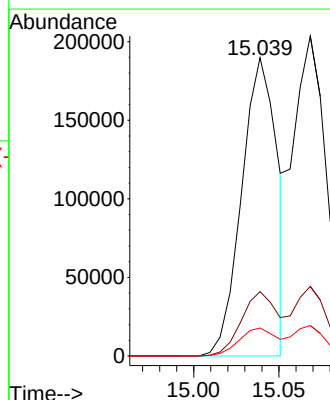
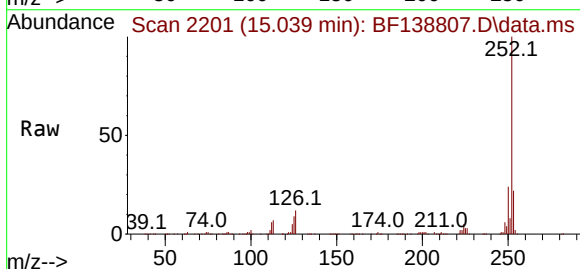
Tgt Ion:252 Resp: 273959

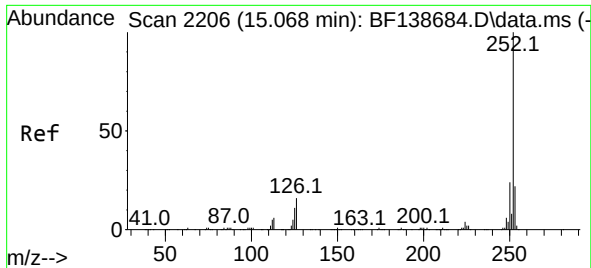
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

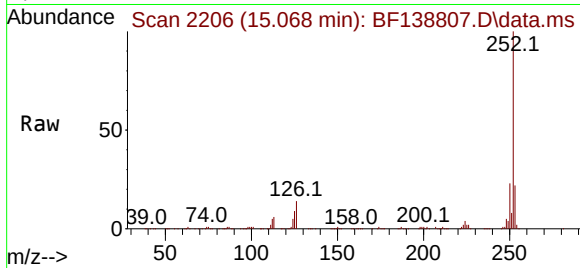
125 9.4 8.9 13.3



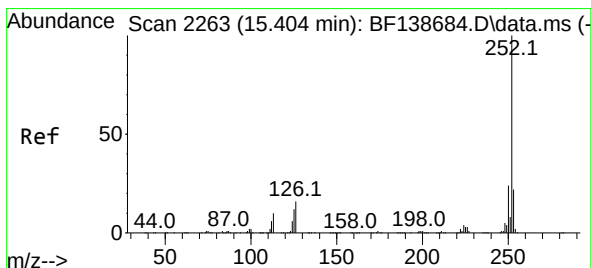
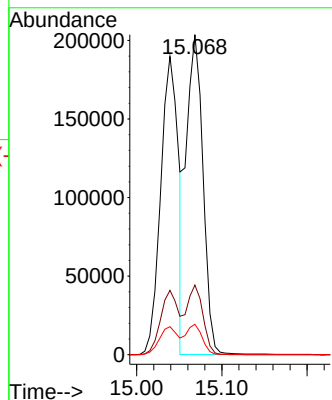
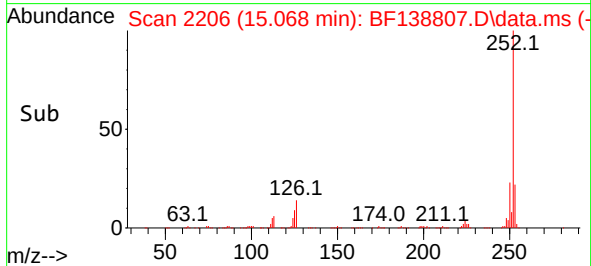


#89
Benzo(k)fluoranthene
Concen: 55.192 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB162473BS

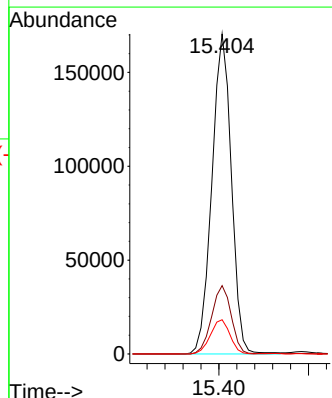
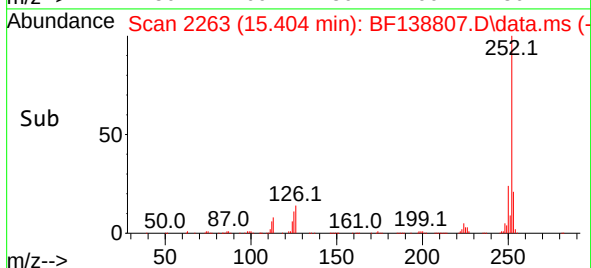
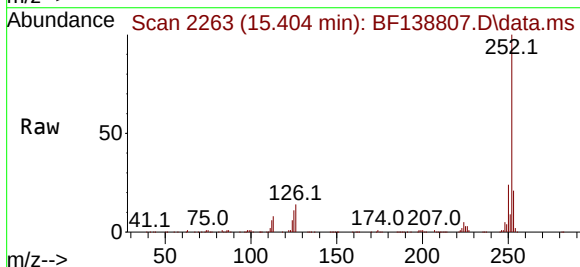


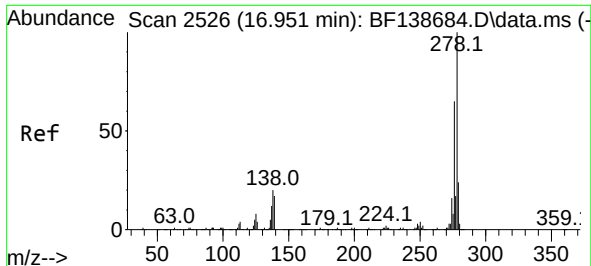
Tgt Ion:252 Resp: 275365
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.5 8.6 13.0



#90
Benzo(a)pyrene
Concen: 52.933 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:252 Resp: 256570
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 10.7 9.5 14.3

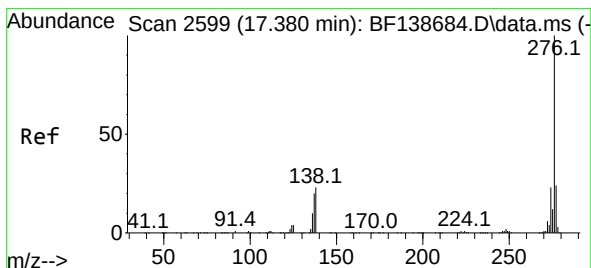
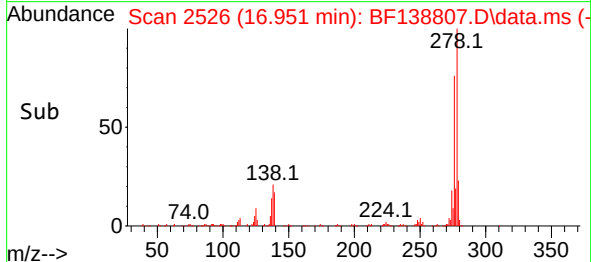
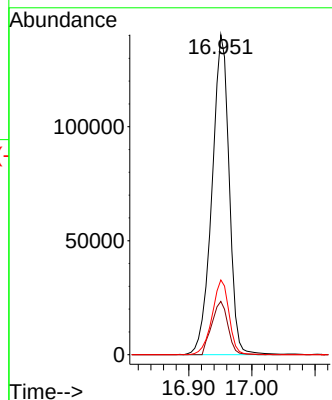
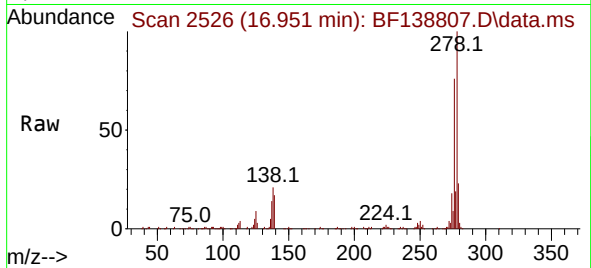




#91
 Dibenzo(a,h)anthracene
 Concen: 48.489 ng
 RT: 16.951 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF138807.D
 Acq: 06 Aug 2024 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB162473BS

Tgt Ion:278 Resp: 265158
 Ion Ratio Lower Upper
 278 100
 139 16.6 14.0 21.0
 279 23.4 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 43.739 ng
 RT: 17.386 min Scan# 2600
 Delta R.T. 0.006 min
 Lab File: BF138807.D
 Acq: 06 Aug 2024 13:50

Tgt Ion:276 Resp: 248203
 Ion Ratio Lower Upper
 276 100
 277 22.5 19.0 28.4
 138 19.3 18.5 27.7

