

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138809.D
 Acq On : 06 Aug 2024 14:55
 Operator : RC/JU
 Sample : PB162384BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162384BS

Quant Time: Aug 06 15:20:30 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	6.839	152	51692	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	218643	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	120829	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	214358	20.000	ng	0.00
76) Chrysene-d12	14.004	240	106576	20.000	ng	0.00
86) Perylene-d12	15.462	264	95791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	439879	131.359	ng	0.02
7) Phenol-d6	6.492	99	572971	127.442	ng	0.00
23) Nitrobenzene-d5	7.416	82	370001	82.737	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	145719	147.228	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	710020	88.290	ng	0.00
79) Terphenyl-d14	12.945	244	710912	111.682	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	46260	31.554	ng	96
3) Pyridine	3.463	79	118286	33.306	ng	95
4) n-Nitrosodimethylamine	3.428	42	99101	46.852	ng	91
6) Aniline	6.510	93	133693	33.344	ng	# 20
8) 2-Chlorophenol	6.634	128	173610	49.276	ng	96
9) Benzaldehyde	6.398	77	120063	44.549	ng	98
10) Phenol	6.510	94	219683	46.408	ng	87
11) bis(2-Chloroethyl)ether	6.581	93	160967	44.189	ng	97
12) 1,3-Dichlorobenzene	6.781	146	173566	44.010	ng	99
13) 1,4-Dichlorobenzene	6.863	146	180728	45.409	ng	99
14) 1,2-Dichlorobenzene	7.010	146	173137	46.547	ng	99
15) Benzyl Alcohol	6.992	79	161132	49.725	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	256072	40.847	ng	59
17) 2-Methylphenol	7.110	107	138127	47.478	ng	# 88
18) Hexachloroethane	7.351	117	66591	44.449	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	132329	48.732	ng	98
20) 3+4-Methylphenols	7.263	107	184716	49.486	ng	# 81
22) Acetophenone	7.257	105	231619	43.265	ng	99
24) Nitrobenzene	7.434	77	193594	42.543	ng	97
25) Isophorone	7.669	82	339284	44.431	ng	99
26) 2-Nitrophenol	7.745	139	91164	46.564	ng	97
27) 2,4-Dimethylphenol	7.786	122	117249	50.054	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	202834	43.618	ng	99
29) 2,4-Dichlorophenol	7.992	162	140305	46.612	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	153792	44.274	ng	99
31) Naphthalene	8.145	128	511521	44.446	ng	100
32) Benzoic acid	7.939	122	76568	41.583	ng	99
33) 4-Chloroaniline	8.198	127	86950	22.507	ng	99
34) Hexachlorobutadiene	8.257	225	91838	43.650	ng	100
35) Caprolactam	8.645	113	10238	11.399	ng	95
36) 4-Chloro-3-methylphenol	8.692	107	163612	47.561	ng	99
37) 2-Methylnaphthalene	8.839	142	337950	46.496	ng	100
38) 1-Methylnaphthalene	8.933	142	312662	43.899	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	145624	43.386	ng	98
41) Hexachlorocyclopentadiene	8.986	237	106560	116.466	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	96874	47.337	ng	100

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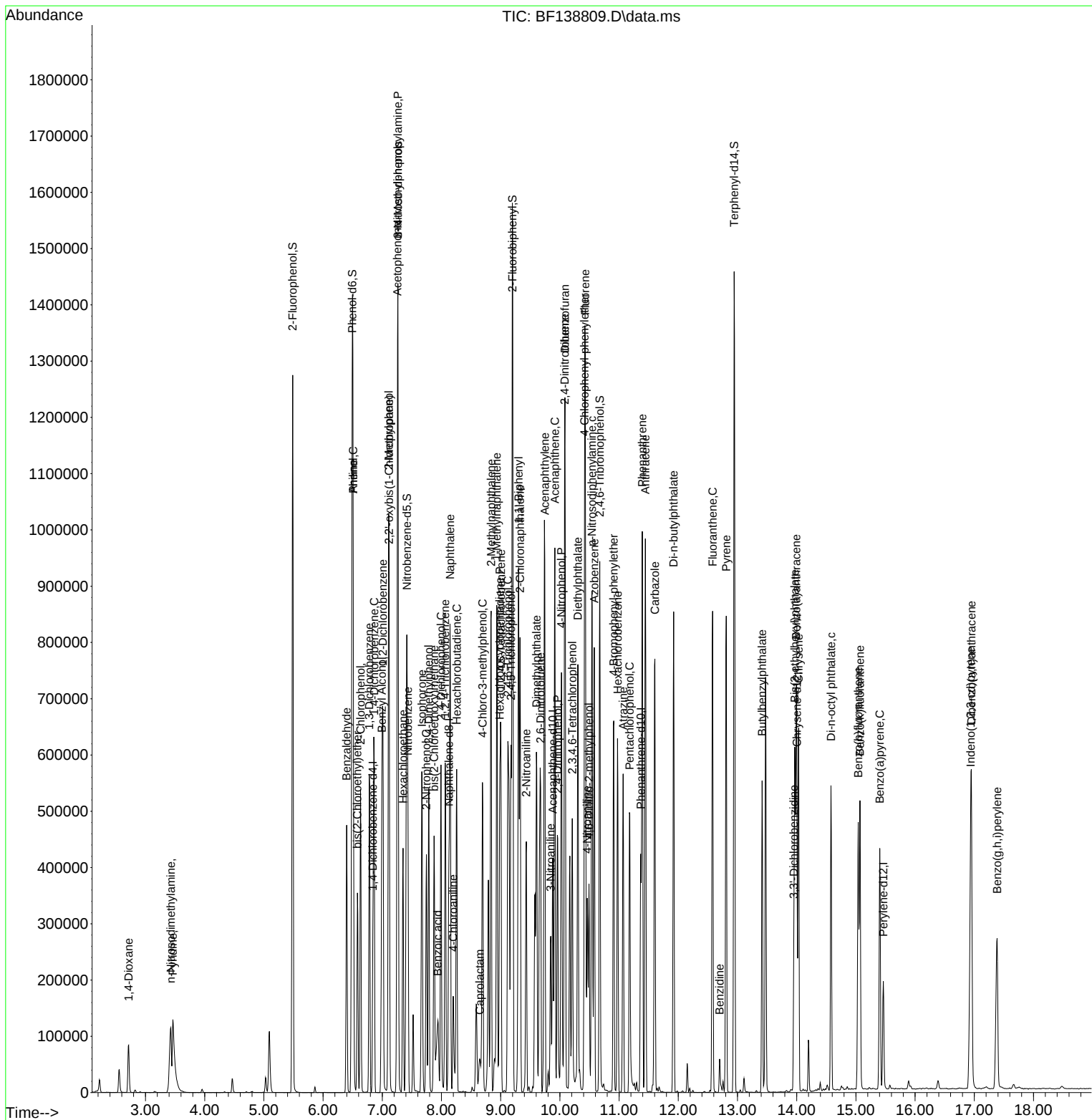
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	104332	46.634	ng	98
46) 1,1'-Biphenyl	9.304	154	401802	42.460	ng	99
47) 2-Chloronaphthalene	9.327	162	316074	44.909	ng	99
48) 2-Nitroaniline	9.433	65	110525	46.323	ng	99
49) Acenaphthylene	9.745	152	497368	49.826	ng	100
50) Dimethylphthalate	9.604	163	383738	49.669	ng	99
51) 2,6-Dinitrotoluene	9.675	165	81287	46.620	ng	95
52) Acenaphthene	9.916	154	300729	44.817	ng	99
53) 3-Nitroaniline	9.845	138	53360	29.603	ng	98
54) 2,4-Dinitrophenol	9.963	184	81171	101.130	ng	92
55) Dibenzofuran	10.086	168	451168	47.632	ng	99
56) 4-Nitrophenol	10.027	139	96682	89.196	ng	97
57) 2,4-Dinitrotoluene	10.080	165	111312	50.038	ng	# 88
58) Fluorene	10.427	166	367921	48.777	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	89130	52.110	ng	96
60) Diethylphthalate	10.304	149	375684	51.284	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	180547	48.668	ng	96
62) 4-Nitroaniline	10.463	138	77449	45.214	ng	91
63) Azobenzene	10.580	77	381102	46.906	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	63756	48.752	ng	98
66) n-Nitrosodiphenylamine	10.539	169	313615	46.806	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	107087	46.142	ng	97
68) Hexachlorobenzene	10.974	284	111963	46.724	ng	98
69) Atrazine	11.069	200	93940	54.341	ng	99
70) Pentachlorophenol	11.180	266	90425	83.719	ng	98
71) Phenanthrene	11.392	178	518501	46.975	ng	99
72) Anthracene	11.445	178	528074	48.564	ng	100
73) Carbazole	11.604	167	441059	47.015	ng	100
74) Di-n-butylphthalate	11.921	149	573822	54.411	ng	100
75) Fluoranthene	12.580	202	495703	48.106	ng	99
77) Benzidine	12.698	184	35995	14.121	ng	98
78) Pyrene	12.810	202	493978	49.228	ng	100
80) Butylbenzylphthalate	13.415	149	168030	52.292	ng	97
81) Benzo(a)anthracene	13.992	228	341942	46.592	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	63582	33.855	ng	99
83) Chrysene	14.033	228	321120	48.499	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	196600	41.782	ng	99
85) Di-n-octyl phthalate	14.580	149	331284	38.054	ng	97
87) Indeno(1,2,3-cd)pyrene	16.939	276	327018	47.637	ng	97
88) Benzo(b)fluoranthene	15.039	252	278083	46.830	ng	98
89) Benzo(k)fluoranthene	15.068	252	283966	55.232	ng	99
90) Benzo(a)pyrene	15.404	252	254457	50.944	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	266389	47.273	ng	98
92) Benzo(g,h,i)perylene	17.386	276	248018	42.414	ng	98

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

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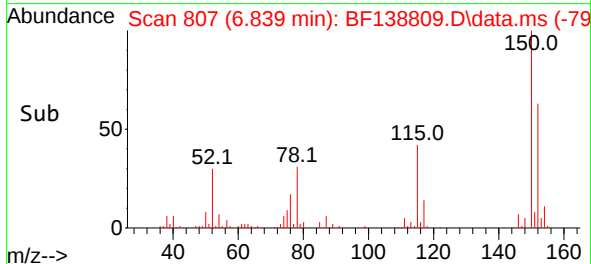
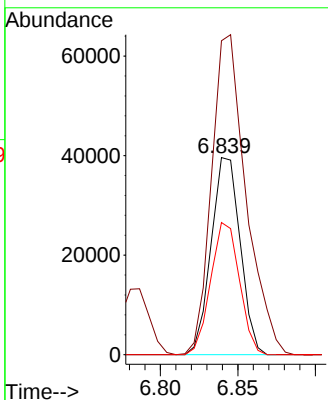
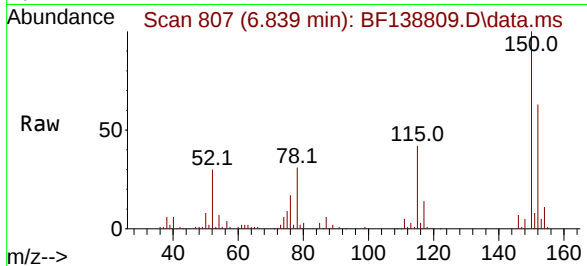




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

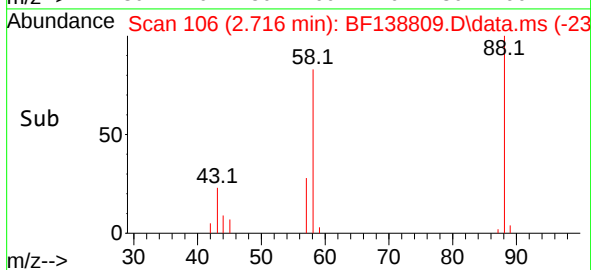
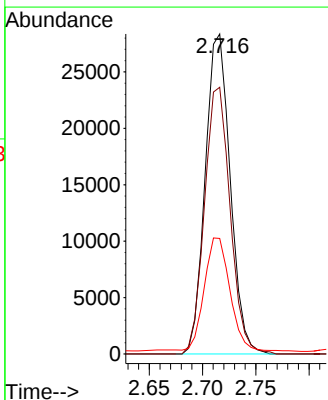
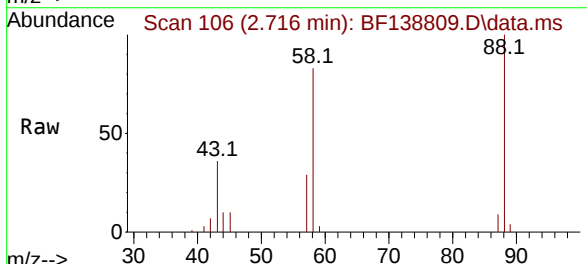
Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:152 Resp: 51692
Ion Ratio Lower Upper
152 100
150 159.3 126.0 189.0
115 67.0 51.7 77.5



#2
1,4-Dioxane
Concen: 31.554 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.141 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 88 Resp: 46260
Ion Ratio Lower Upper
88 100
58 85.7 71.6 107.4
43 37.3 28.7 43.1





#3

Pyridine

Concen: 33.306 ng

RT: 3.463 min Scan# 211

Delta R.T. 0.129 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

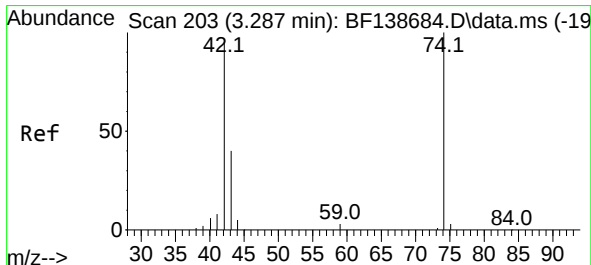
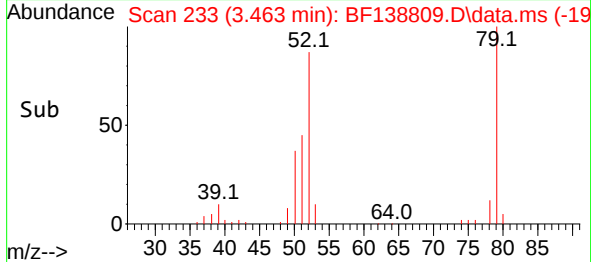
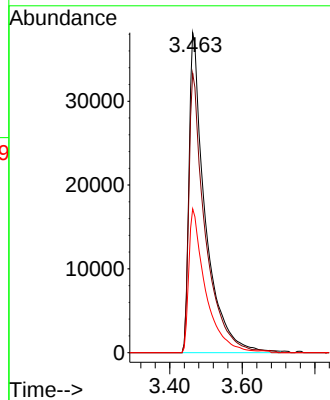
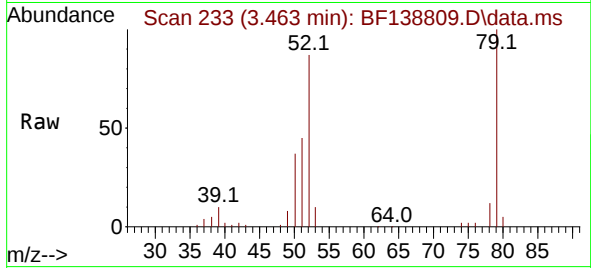
Tgt Ion: 79 Resp: 118286

Ion Ratio Lower Upper

79 100

52 87.3 74.7 112.1

51 45.0 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 46.852 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.141 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

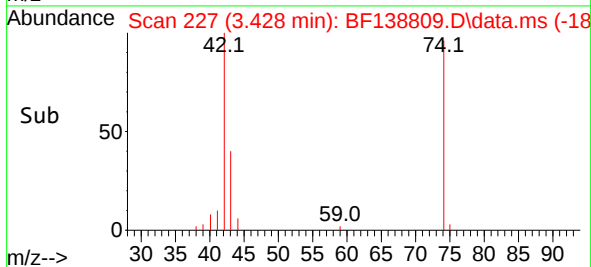
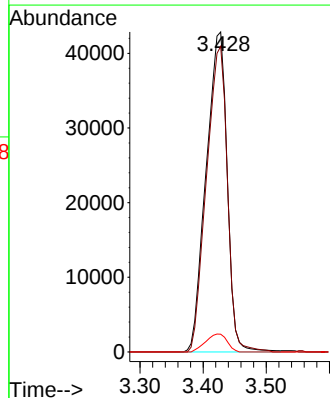
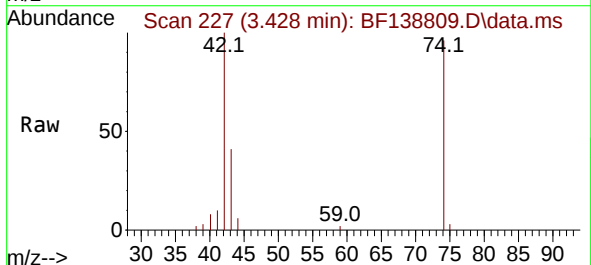
Tgt Ion: 42 Resp: 99101

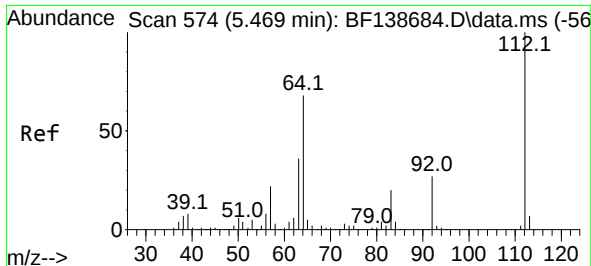
Ion Ratio Lower Upper

42 100

74 95.5 84.2 126.4

44 5.6 4.9 7.3

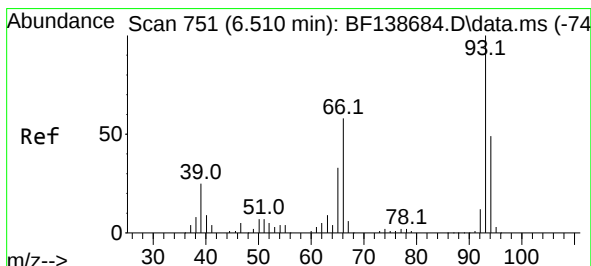
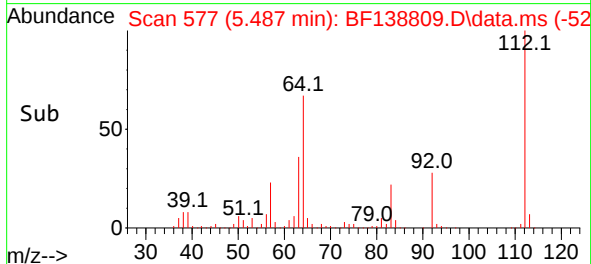
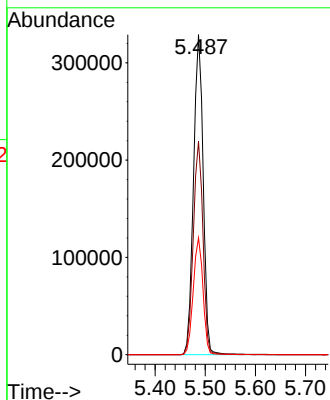
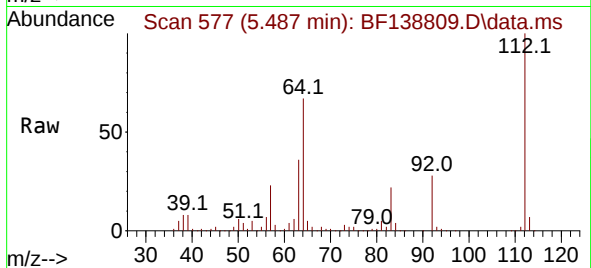




#5
2-Fluorophenol
Concen: 131.359 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

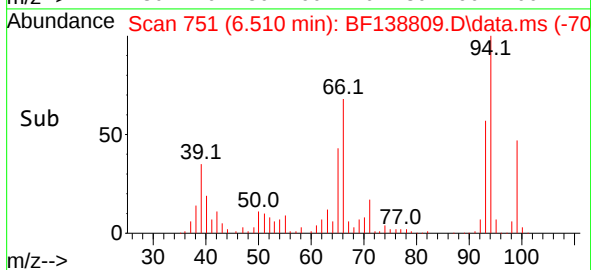
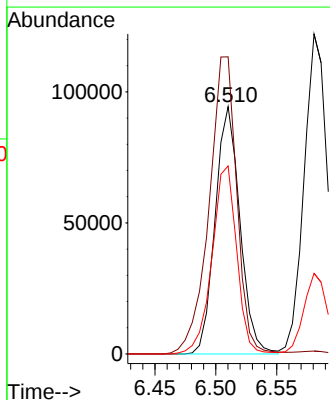
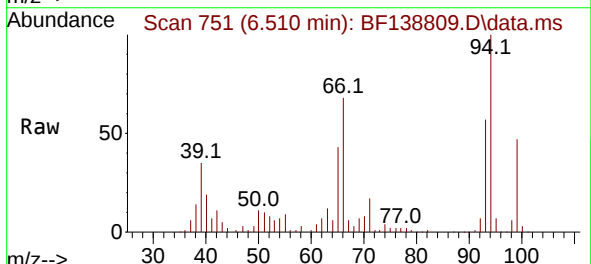
Instrument :
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Tgt Ion:112 Resp: 439879
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 36.5 28.7 43.1



#6
Aniline
Concen: 33.344 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 93 Resp: 133693
Ion Ratio Lower Upper
93 100
66 120.1 46.9 70.3#
65 76.0 26.5 39.7#

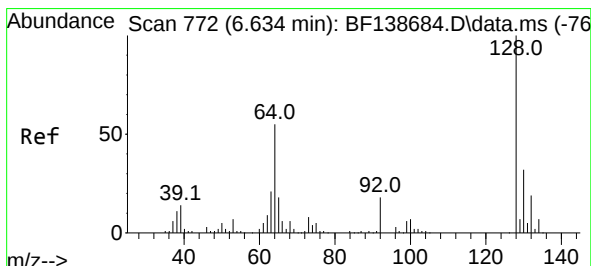
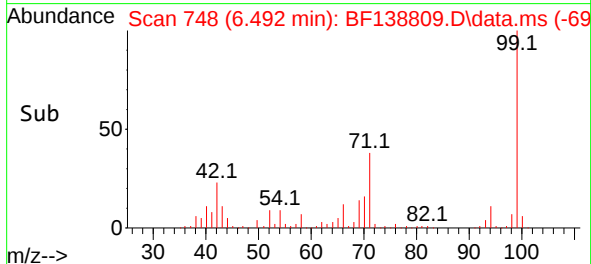
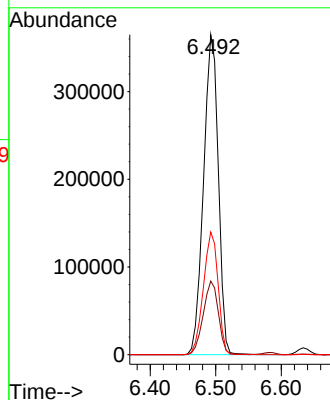
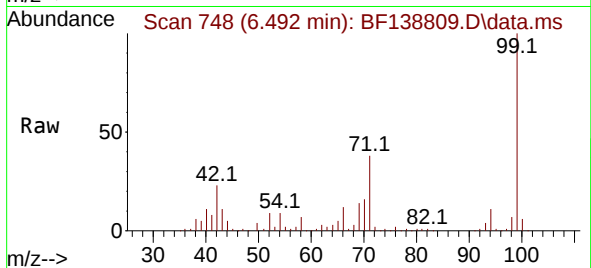




#7
Phenol-d6
Concen: 127.442 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

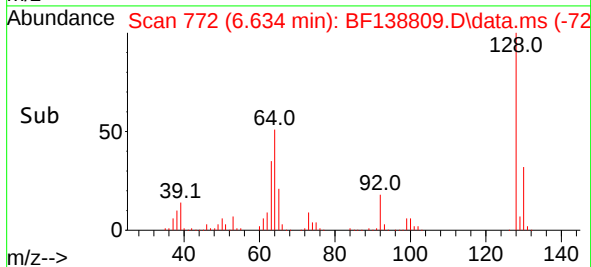
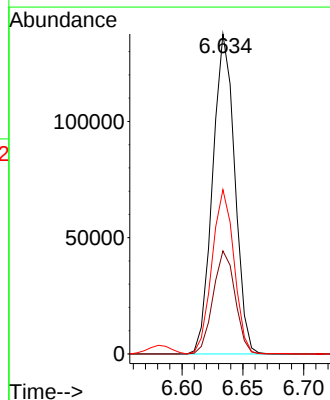
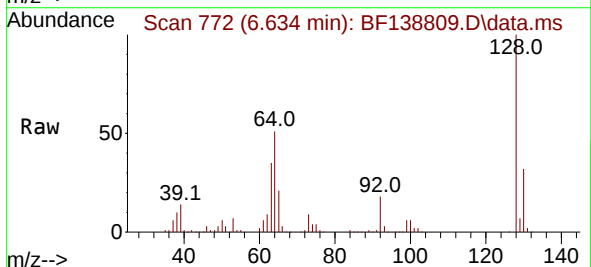
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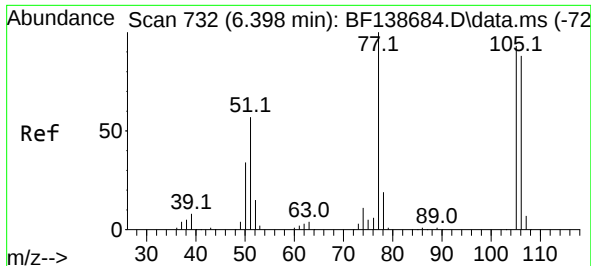
Tgt Ion: 99 Resp: 572971
Ion Ratio Lower Upper
99 100
42 23.0 17.4 26.0
71 38.3 28.1 42.1



#8
2-Chlorophenol
Concen: 49.276 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 128 Resp: 173610
Ion Ratio Lower Upper
128 100
130 32.2 12.0 52.0
64 51.4 36.3 76.3





#9

Benzaldehyde

Concen: 44.549 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

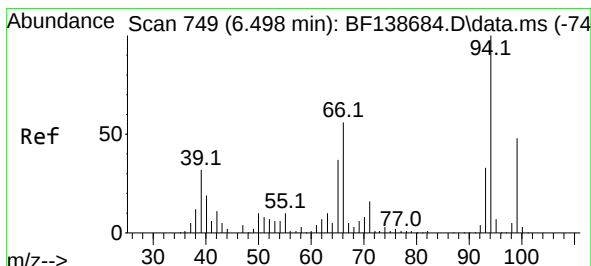
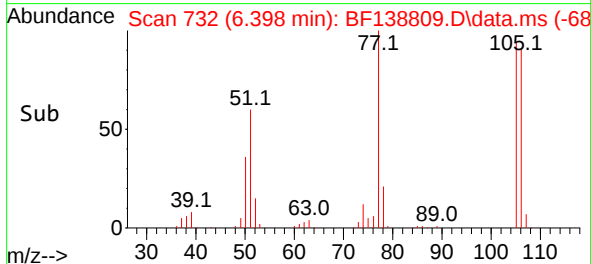
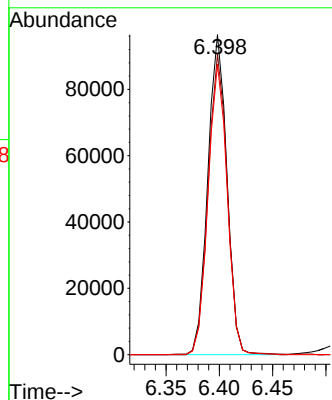
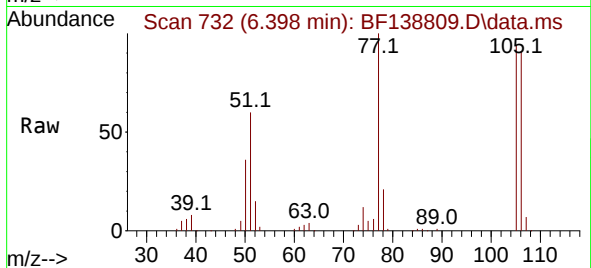
Tgt Ion: 77 Resp: 120063

Ion Ratio Lower Upper

77 100

105 93.9 72.9 112.9

106 90.7 68.4 108.4



#10

Phenol

Concen: 46.408 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.012 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

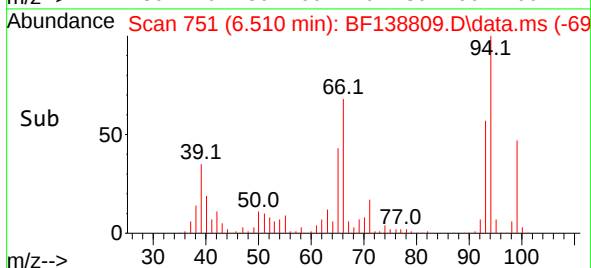
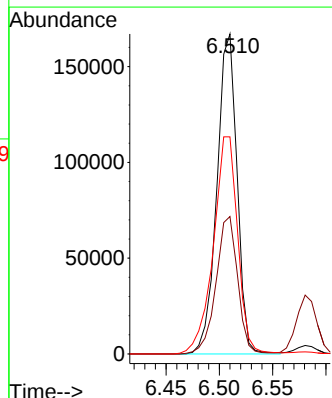
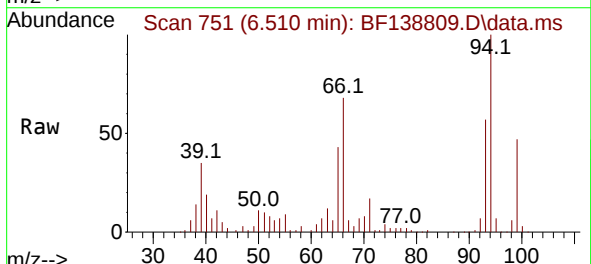
Tgt Ion: 94 Resp: 219683

Ion Ratio Lower Upper

94 100

65 43.0 16.9 56.9

66 67.9 36.5 76.5

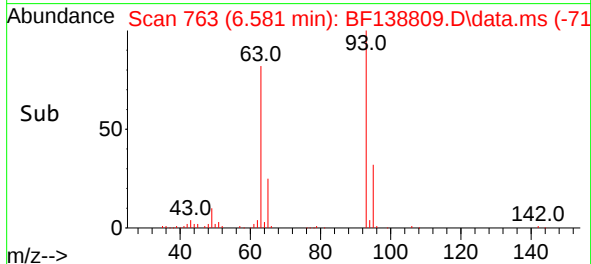
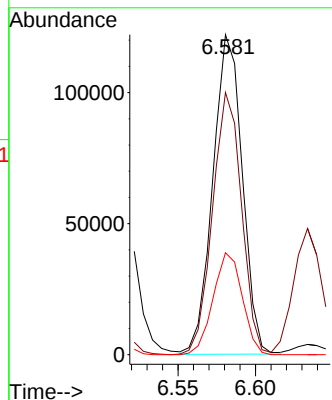
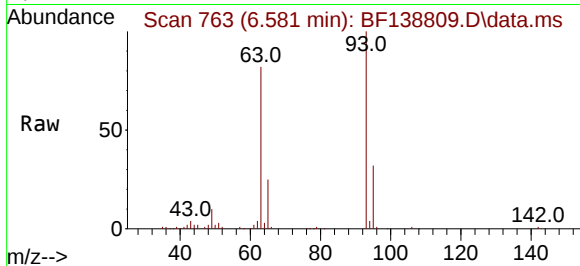




#11
bis(2-Chloroethyl)ether
Concen: 44.189 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

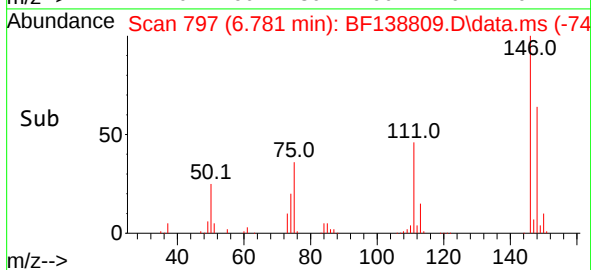
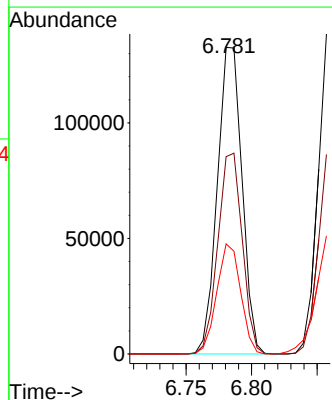
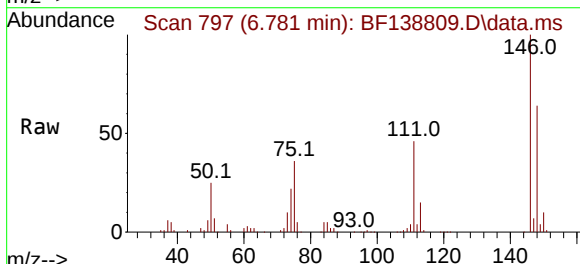
Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion: 93 Resp: 160967
Ion Ratio Lower Upper
93 100
63 82.0 65.3 105.3
95 31.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.010 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 146 Resp: 173566
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 35.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.409 ng

RT: 6.863 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

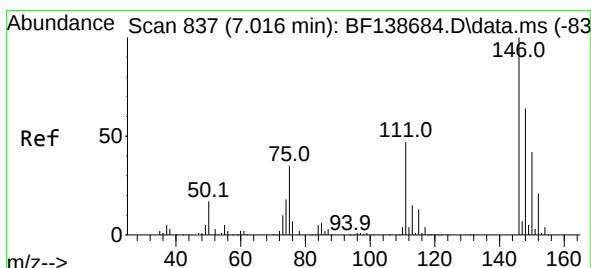
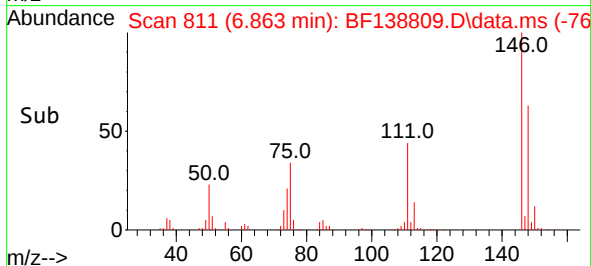
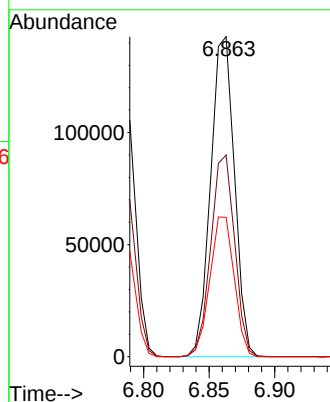
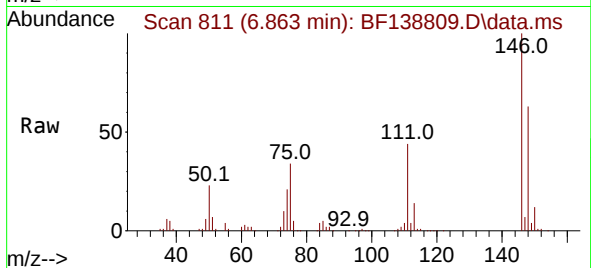
Tgt Ion:146 Resp: 180728

Ion Ratio Lower Upper

146 100

148 63.0 50.2 75.2

111 43.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 46.547 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

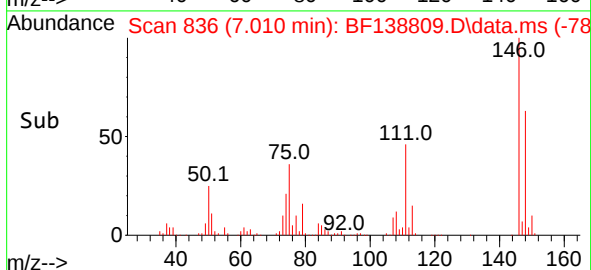
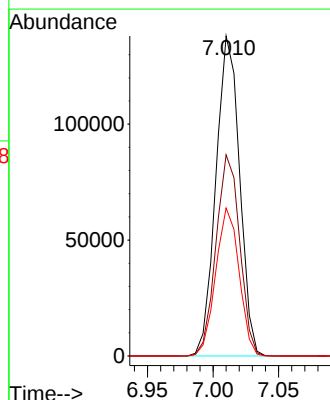
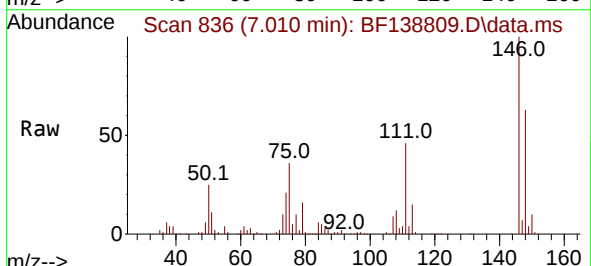
Tgt Ion:146 Resp: 173137

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

111 46.2 37.4 56.2

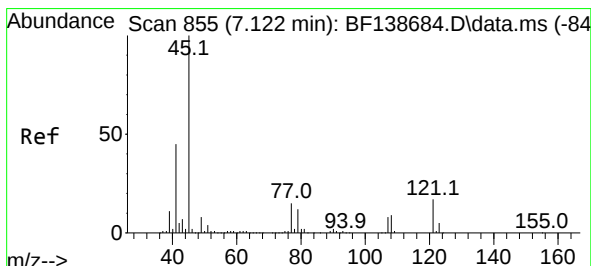
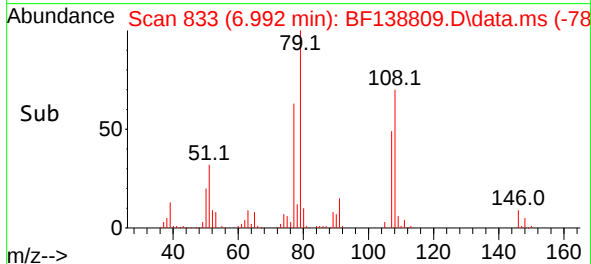
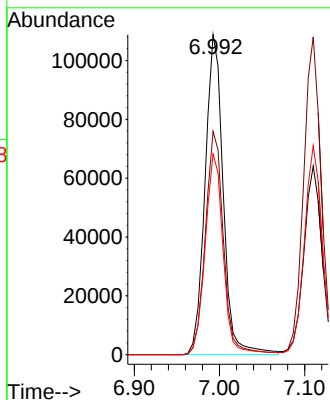
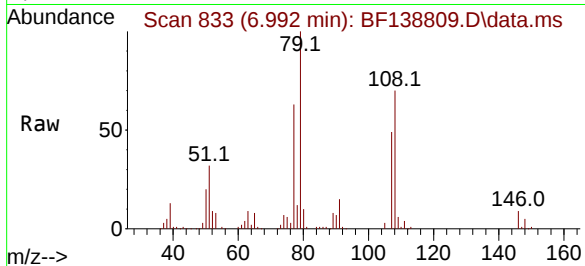




#15
Benzyl Alcohol
Concen: 49.725 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

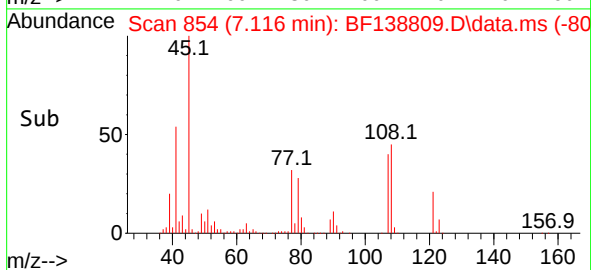
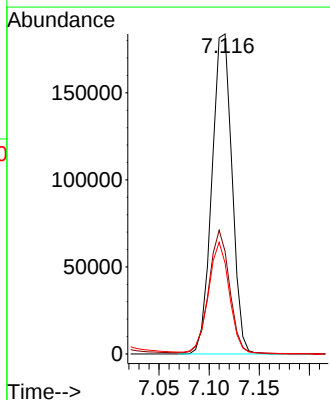
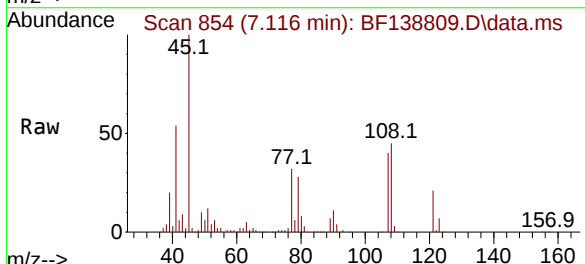
Instrument :
BNA_F
ClientSampleId :
PB162384BS

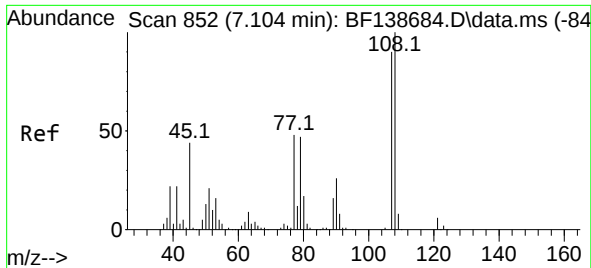
Tgt Ion: 79 Resp: 161132
Ion Ratio Lower Upper
79 100
108 69.7 56.6 85.0
77 62.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.847 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 45 Resp: 256072
Ion Ratio Lower Upper
45 100
77 32.0 0.0 34.9
79 28.4 0.0 32.2

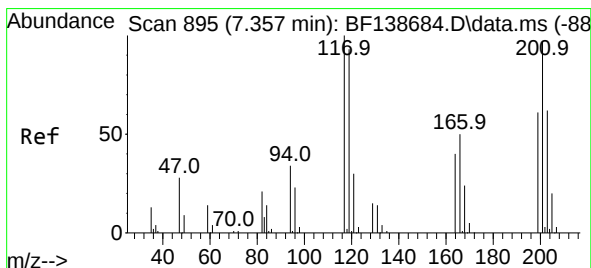
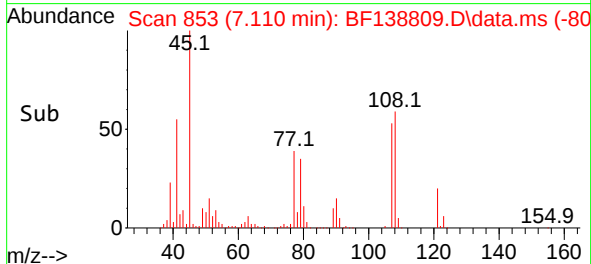
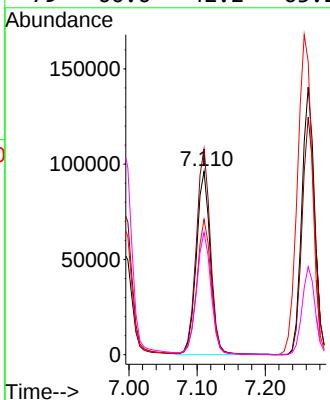
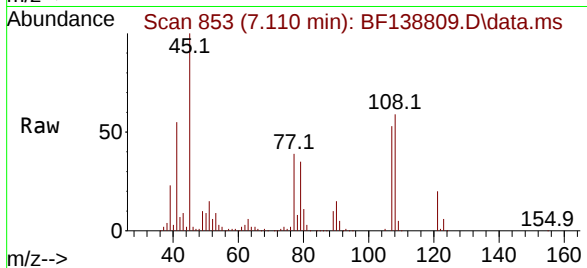




#17
2-Methylphenol
Concen: 47.478 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

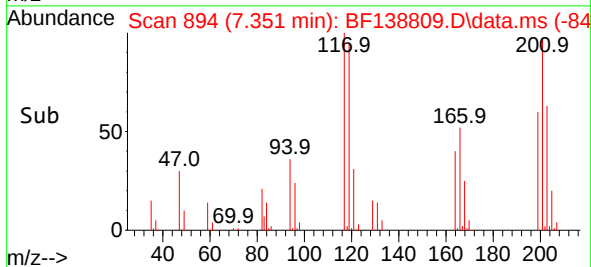
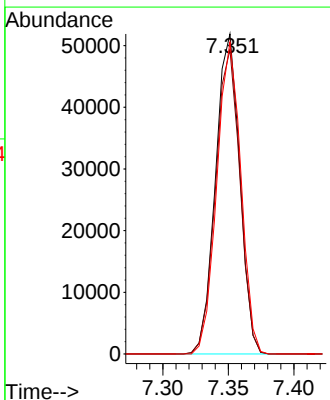
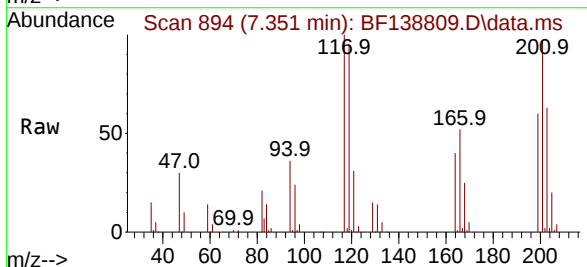
Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:107 Resp: 138127
Ion Ratio Lower Upper
107 100
108 112.2 89.2 133.8
77 73.8 43.0 64.4#
79 66.6 42.2 63.2#



#18
Hexachloroethane
Concen: 44.449 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:117 Resp: 66591
Ion Ratio Lower Upper
117 100
119 95.2 74.6 111.8
201 97.5 77.2 115.8



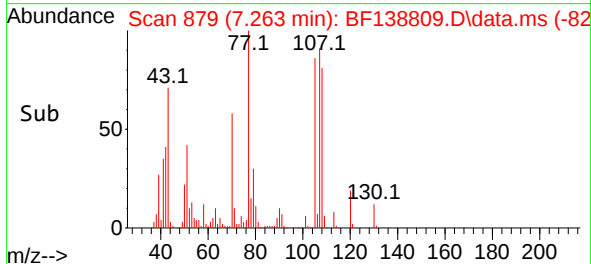
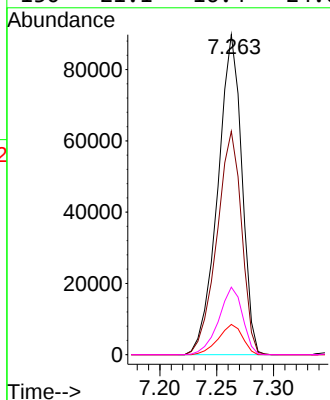
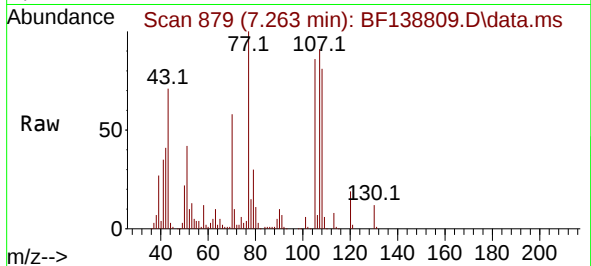


#19
n-Nitroso-di-n-propylamine
Concen: 48.732 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion: 70 Resp: 132329

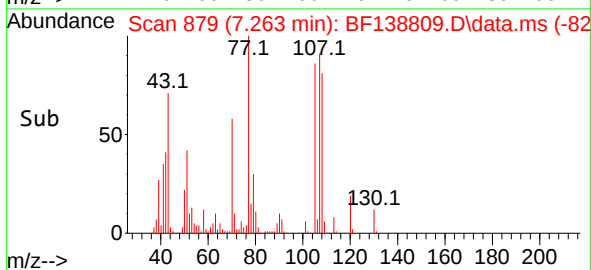
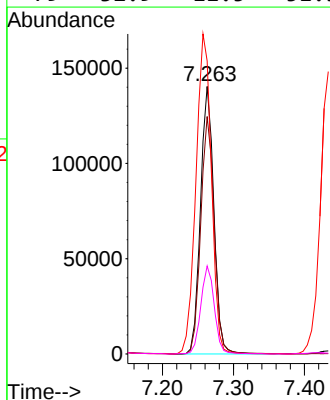
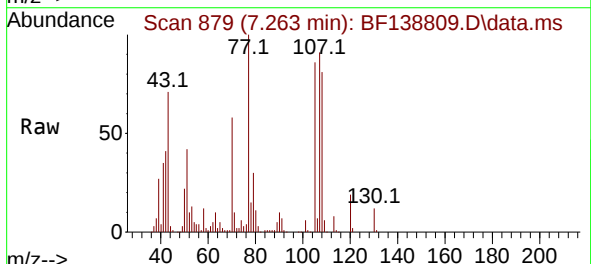
Ion	Ratio	Lower	Upper
70	100		
42	69.8	57.4	86.0
101	9.4	7.5	11.3
130	21.1	16.4	24.6



#20
3+4-Methylphenols
Concen: 49.486 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 107 Resp: 184716

Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	109.5	132.1	172.1#
79	32.9	11.5	51.5





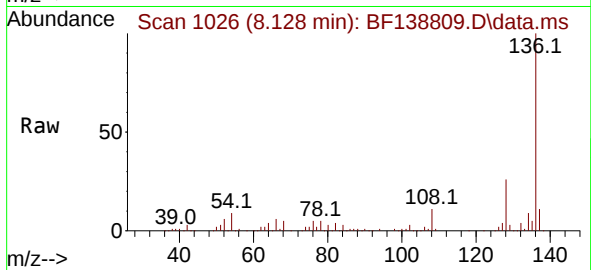
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

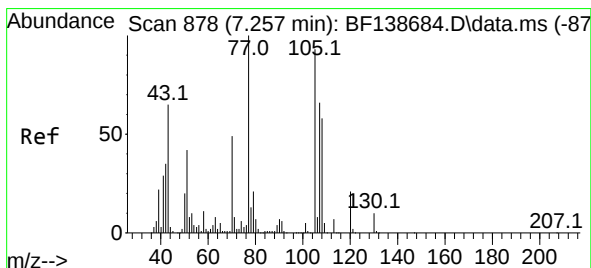
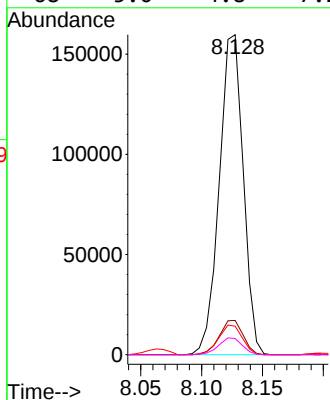
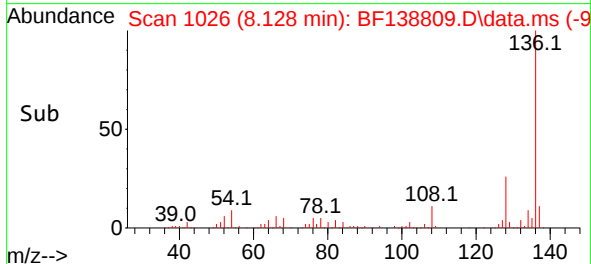
BNA_F

ClientSampleId :

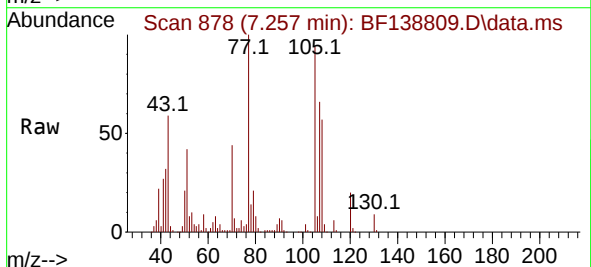
PB162384BS



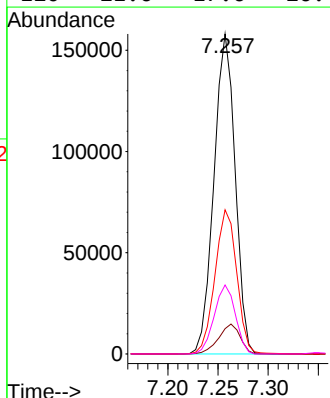
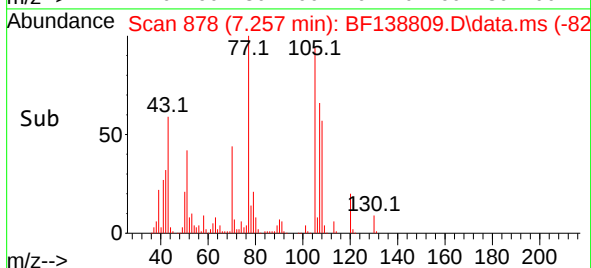
Tgt Ion:	136	Resp:	218643
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.9	8.6	12.8
68	5.0	4.8	7.2

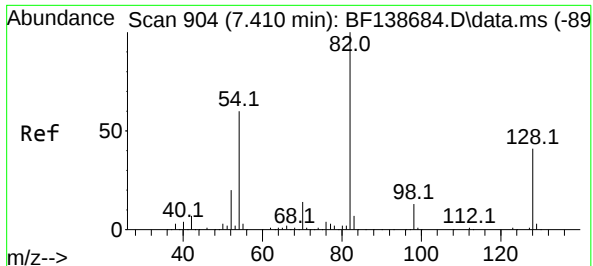


#22
Acetophenone
Concen: 43.265 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



Tgt Ion:	105	Resp:	231619
Ion Ratio	Lower	Upper	
105	100		
71	7.9	7.2	10.8
51	45.1	35.9	53.9
120	21.6	17.6	26.4





#23

Nitrobenzene-d5

Concen: 82.737 ng

RT: 7.416 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

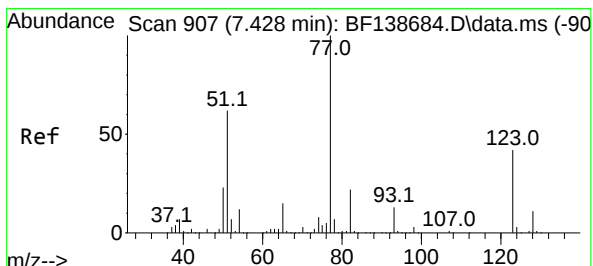
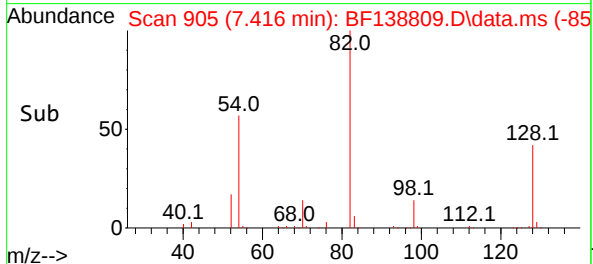
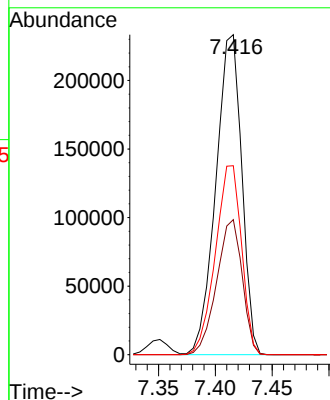
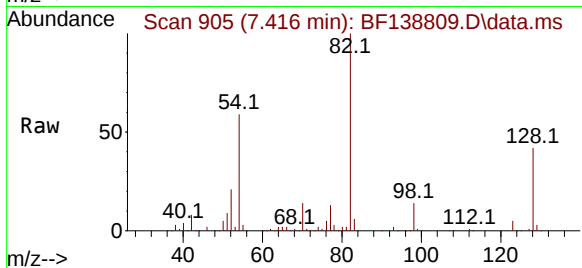
Tgt Ion: 82 Resp: 370001

Ion Ratio Lower Upper

82 100

128 42.2 32.8 49.2

54 59.0 48.3 72.5



#24

Nitrobenzene

Concen: 42.543 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

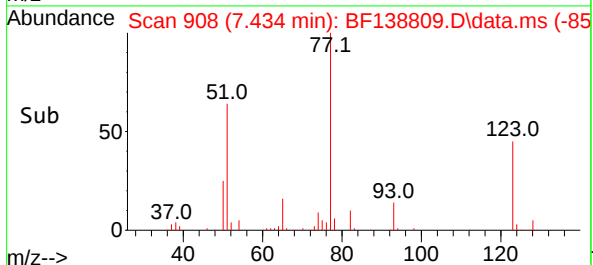
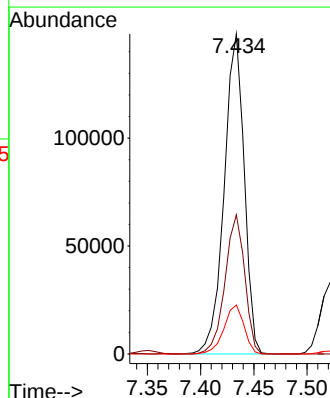
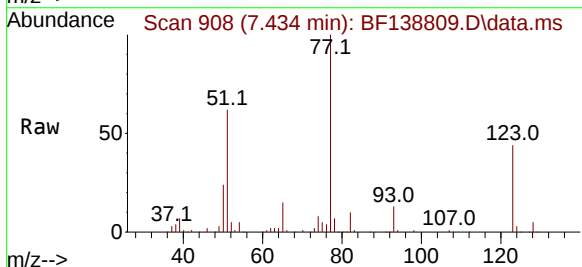
Tgt Ion: 77 Resp: 193594

Ion Ratio Lower Upper

77 100

123 43.5 33.3 49.9

65 15.3 11.9 17.9

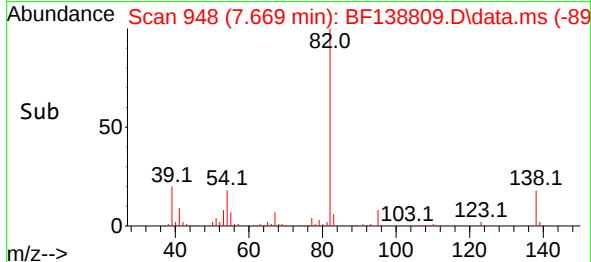
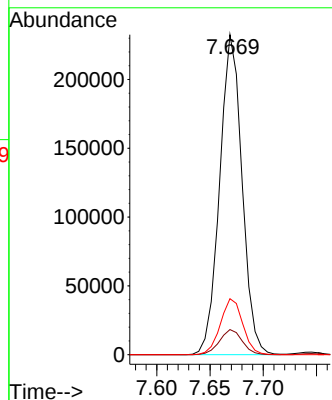
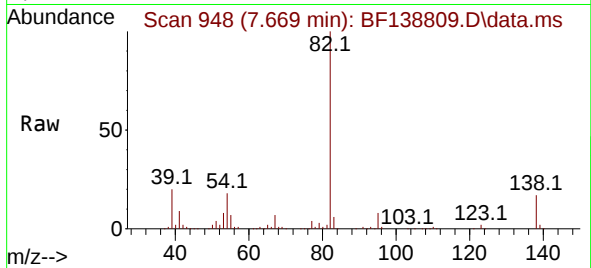




#25
Isophorone
Concen: 44.431 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

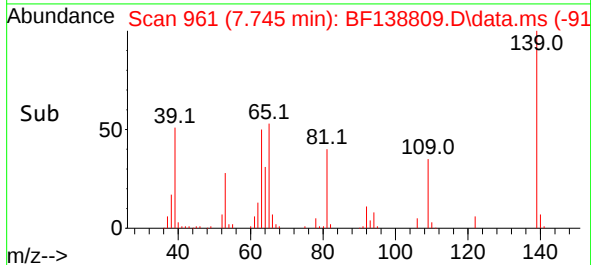
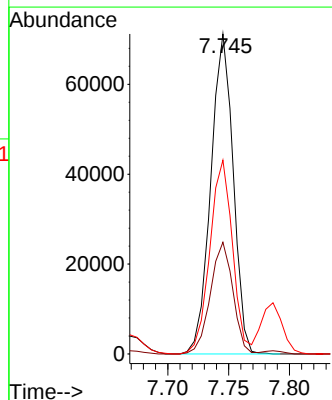
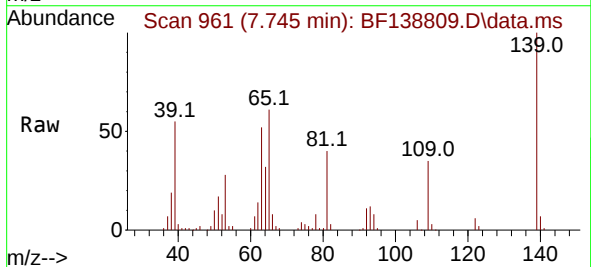
Instrument :
BNA_F
ClientSampleId :
PB162384BS

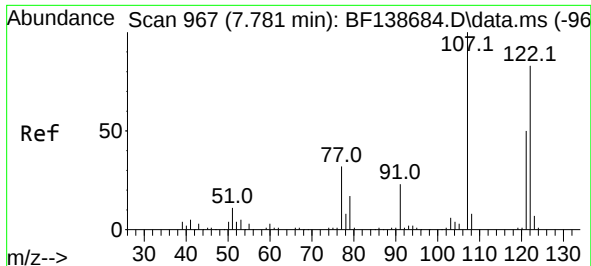
Tgt Ion: 82 Resp: 339284
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 17.5 13.7 20.5



#26
2-Nitrophenol
Concen: 46.564 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:139 Resp: 91164
Ion Ratio Lower Upper
139 100
109 34.9 25.9 38.9
65 60.6 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 50.054 ng

RT: 7.786 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

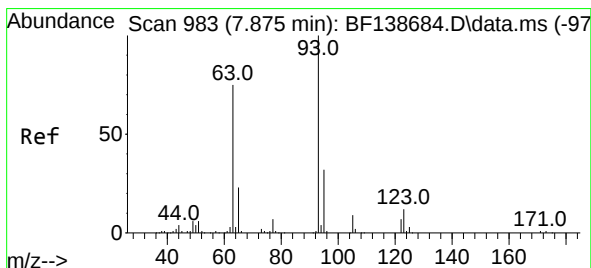
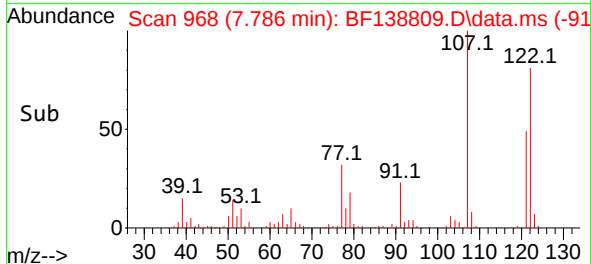
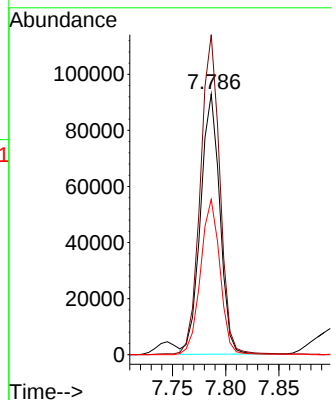
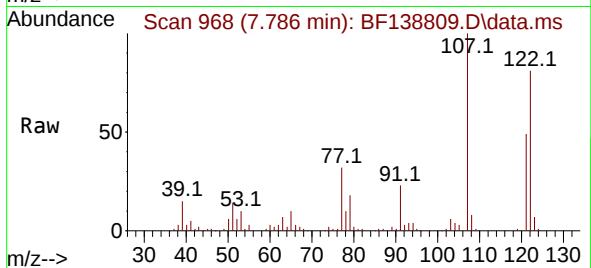
Tgt Ion:122 Resp: 117249

Ion Ratio Lower Upper

122 100

107 122.8 95.0 142.6

121 59.6 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.618 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

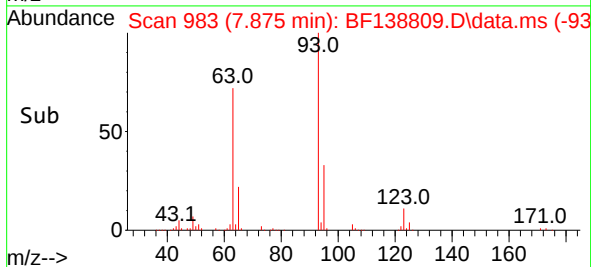
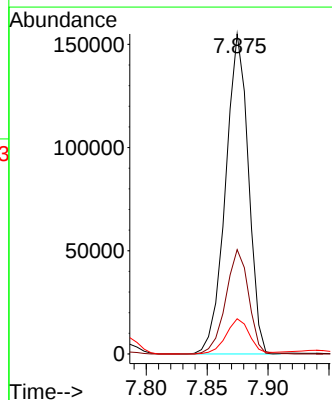
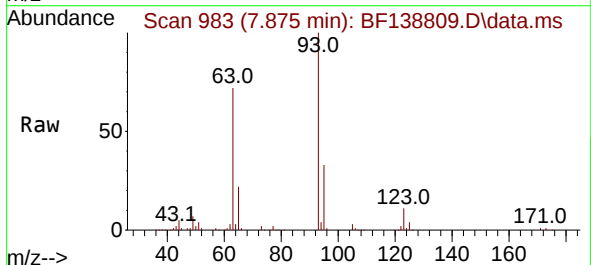
Tgt Ion: 93 Resp: 202834

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.612 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

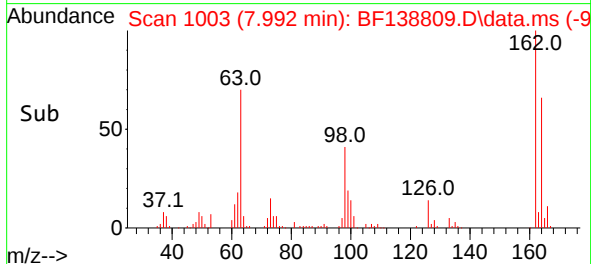
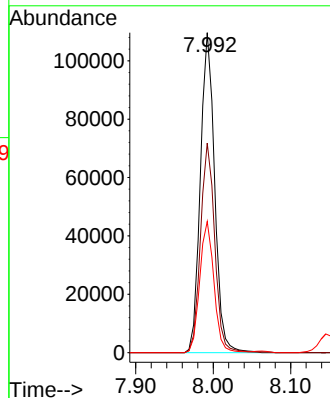
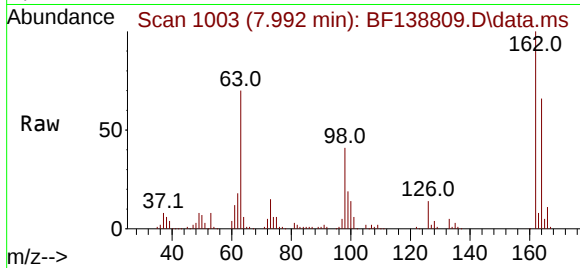
Tgt Ion:162 Resp: 140305

Ion Ratio Lower Upper

162 100

164 65.5 44.7 84.7

98 41.0 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 44.274 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

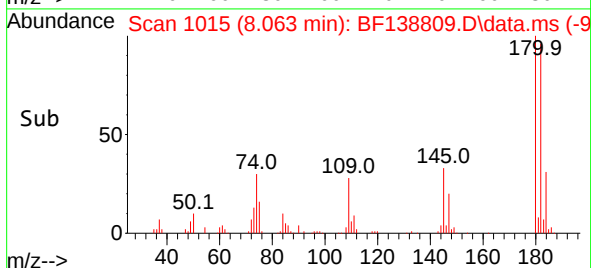
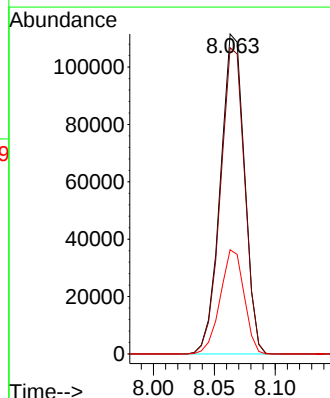
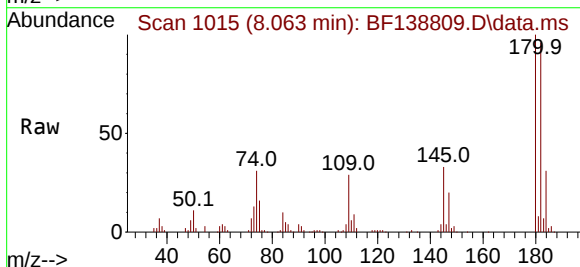
Tgt Ion:180 Resp: 153792

Ion Ratio Lower Upper

180 100

182 95.7 76.9 115.3

145 32.6 25.0 37.4

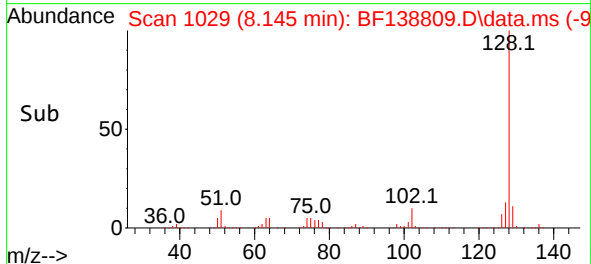
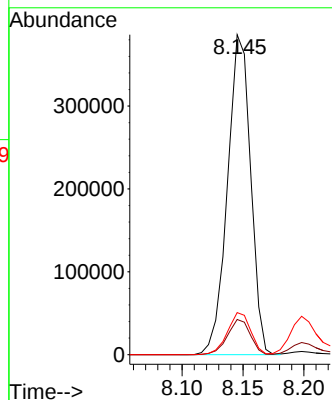
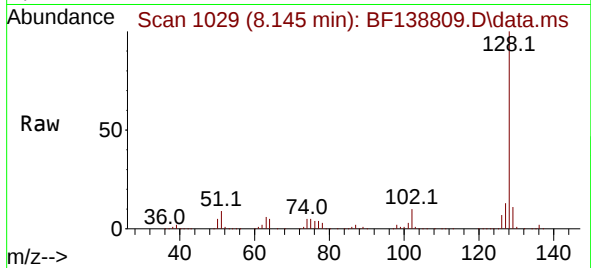




#31
Naphthalene
Concen: 44.446 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

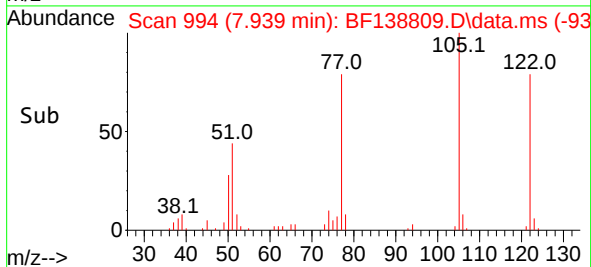
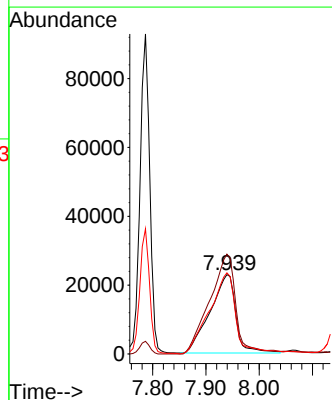
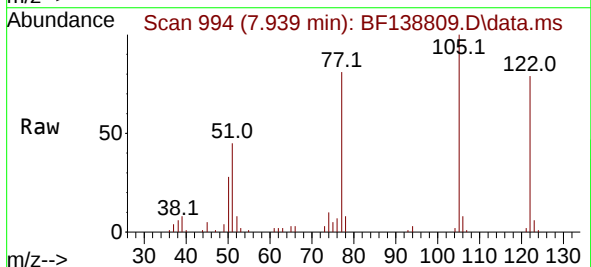
Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:128 Resp: 511521
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 41.583 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:122 Resp: 76568
Ion Ratio Lower Upper
122 100
105 125.9 106.7 146.7
77 102.3 81.1 121.1





#33

4-Chloroaniline

Concen: 22.507 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

Tgt Ion:127 Resp: 86950

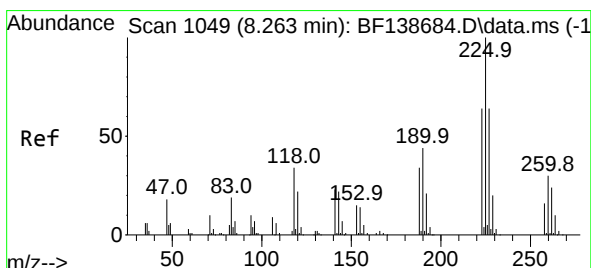
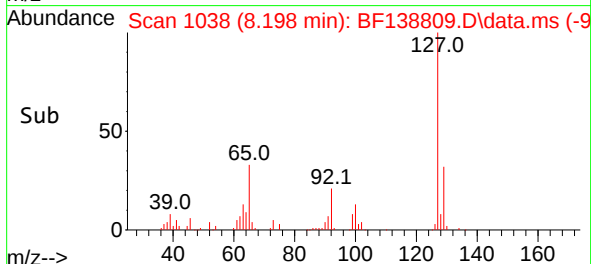
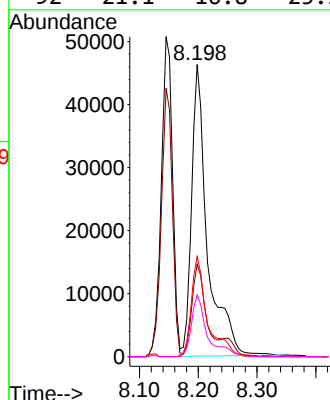
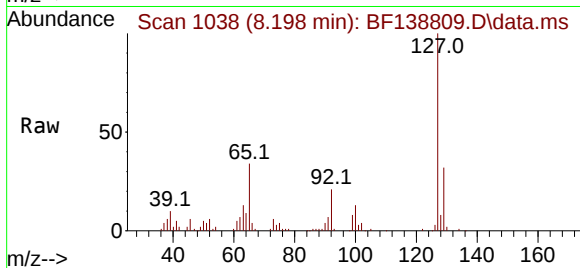
Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 34.3 27.6 41.4

92 21.1 16.8 25.2



#34

Hexachlorobutadiene

Concen: 43.650 ng

RT: 8.257 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

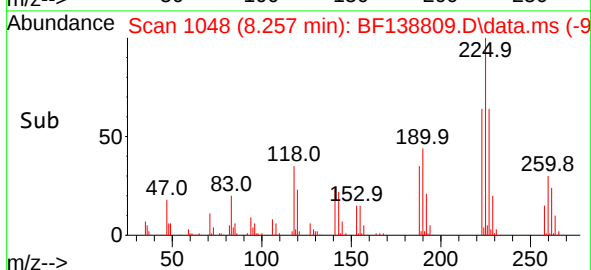
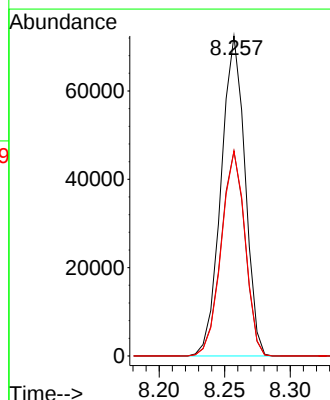
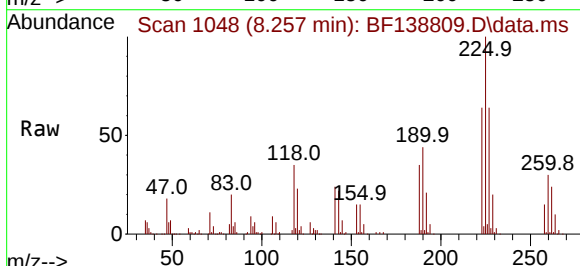
Tgt Ion:225 Resp: 91838

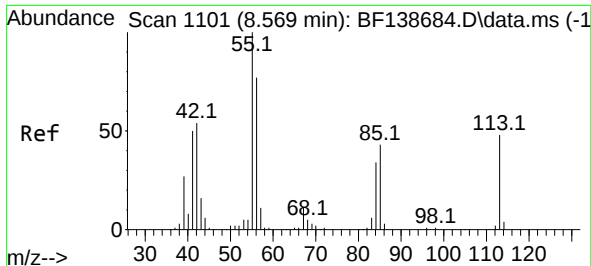
Ion Ratio Lower Upper

225 100

223 64.0 51.2 76.8

227 64.0 51.1 76.7

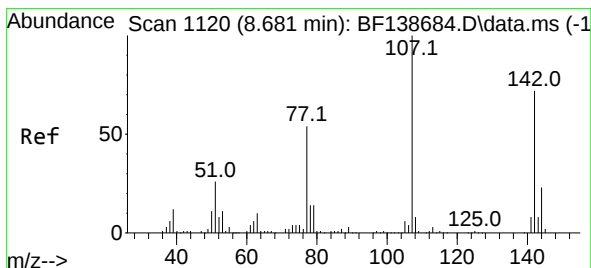
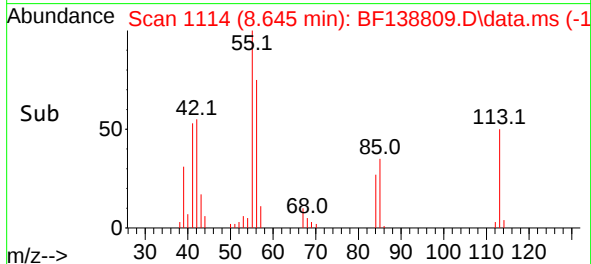
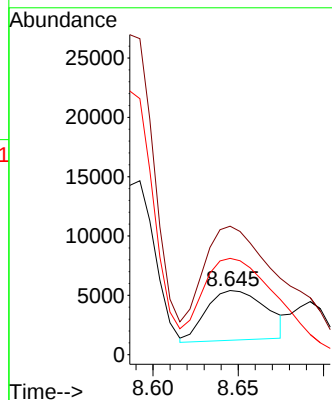
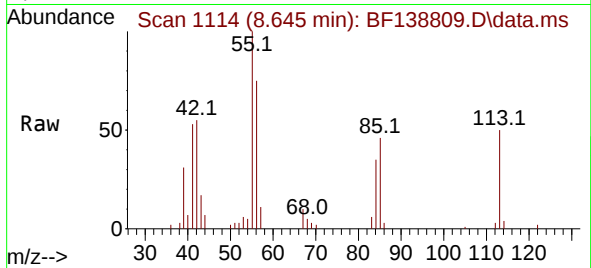




#35
 Caprolactam
 Concen: 11.399 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. 0.076 min
 Lab File: BF138809.D
 Acq: 06 Aug 2024 14:55

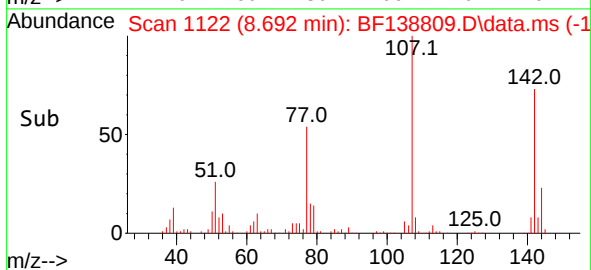
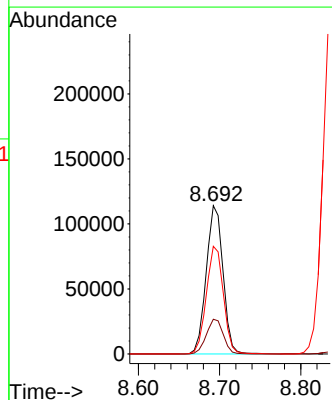
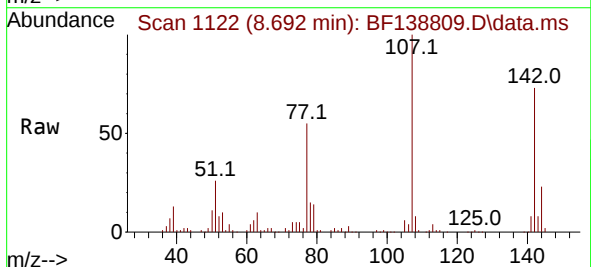
Instrument :
 BNA_F
 ClientSampleId :
 PB162384BS

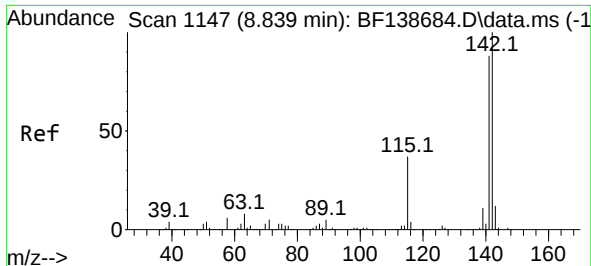
Tgt Ion:113 Resp: 10238
 Ion Ratio Lower Upper
 113 100
 55 200.5 186.7 226.7
 56 150.3 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 47.561 ng
 RT: 8.692 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF138809.D
 Acq: 06 Aug 2024 14:55

Tgt Ion:107 Resp: 163612
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.2 27.2
 142 72.6 57.4 86.2





#37

2-Methylnaphthalene

Concen: 46.496 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

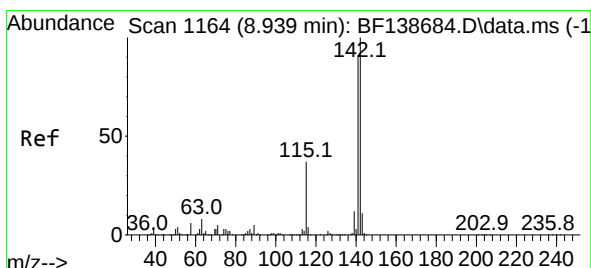
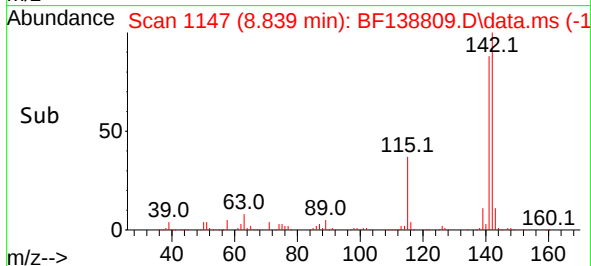
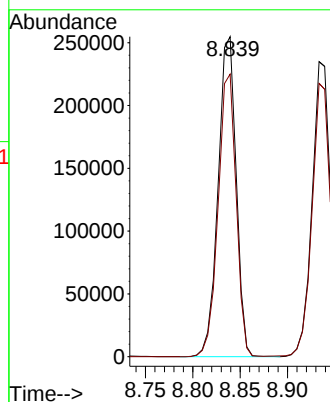
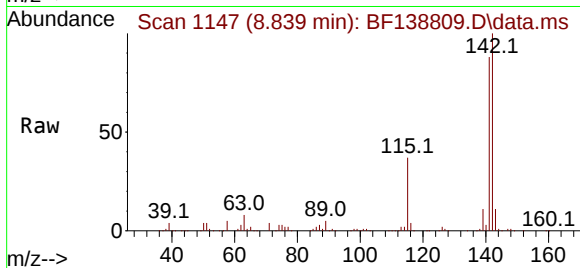
PB162384BS

Tgt Ion:142 Resp: 337950

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 43.899 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138809.D

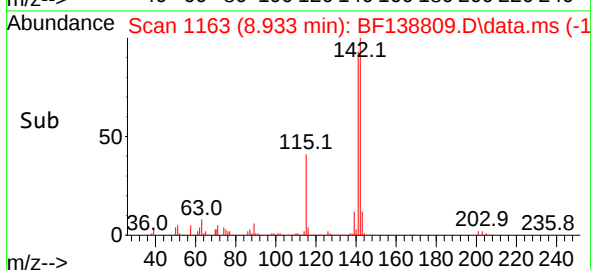
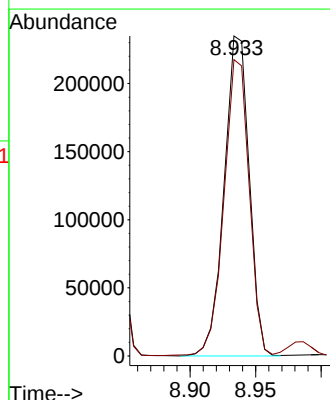
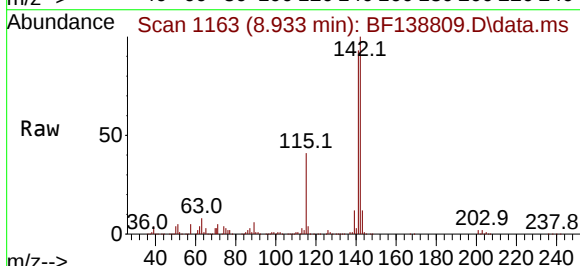
Acq: 06 Aug 2024 14:55

Tgt Ion:142 Resp: 312662

Ion Ratio Lower Upper

142 100

141 92.6 73.1 109.7

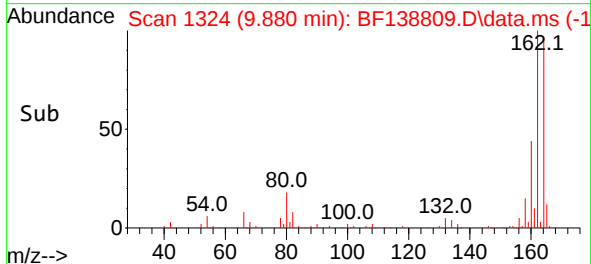
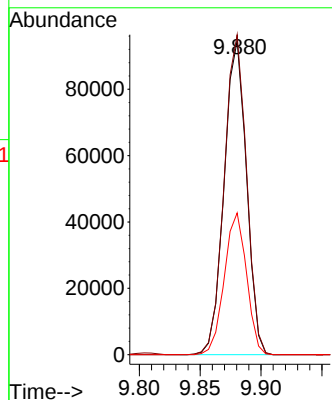
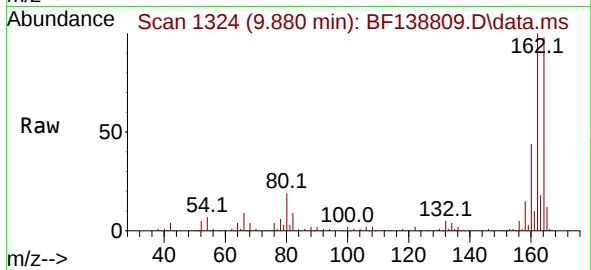




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

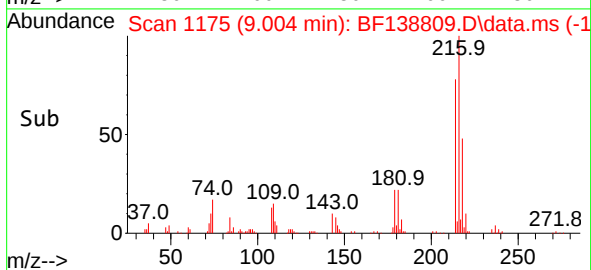
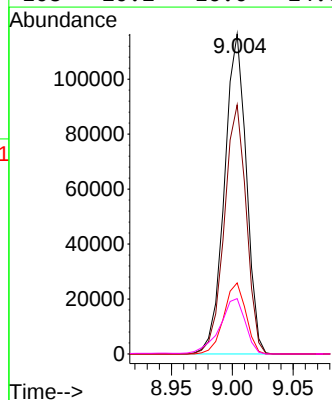
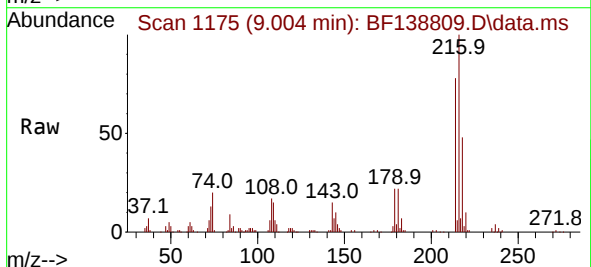
Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:164 Resp: 120829
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.0
160 45.2 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.386 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:216 Resp: 145624
Ion Ratio Lower Upper
216 100
214 77.9 63.9 95.9
179 22.3 17.8 26.6
108 20.2 16.0 24.0

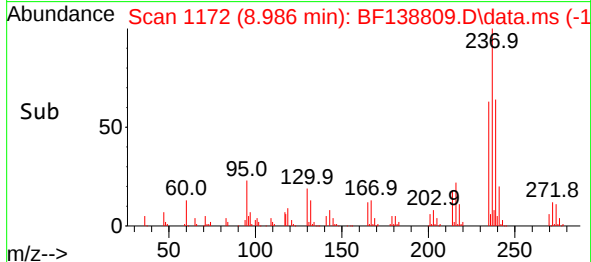
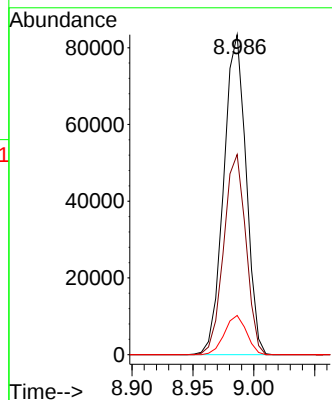
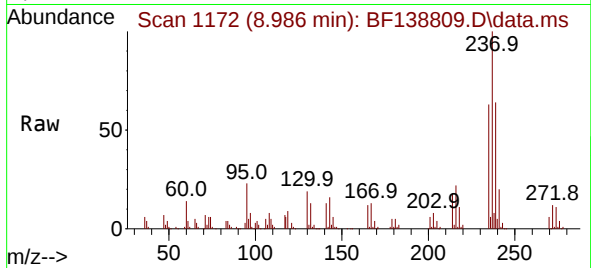




#41
Hexachlorocyclopentadiene
Concen: 116.466 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

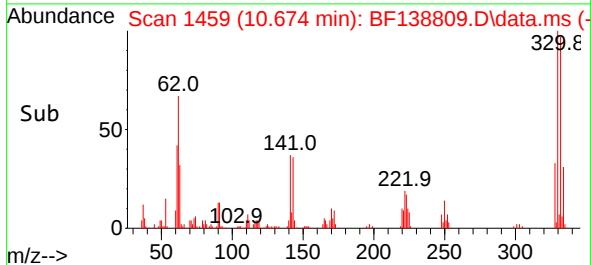
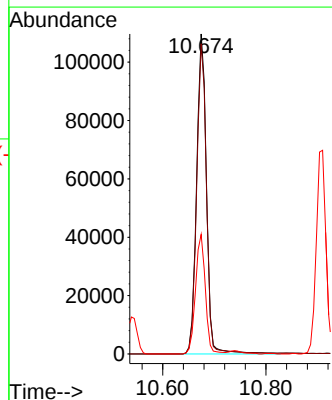
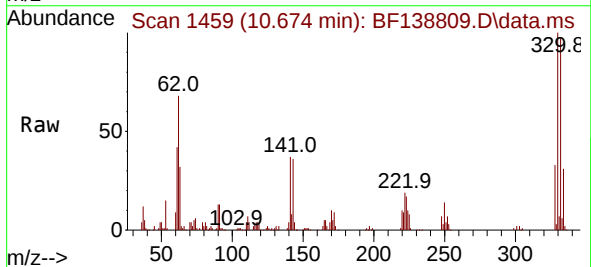
Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:237 Resp: 106560
Ion Ratio Lower Upper
237 100
235 62.6 41.8 81.8
272 12.3 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 147.228 ng
RT: 10.674 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:330 Resp: 145719
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 37.1 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 47.337 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

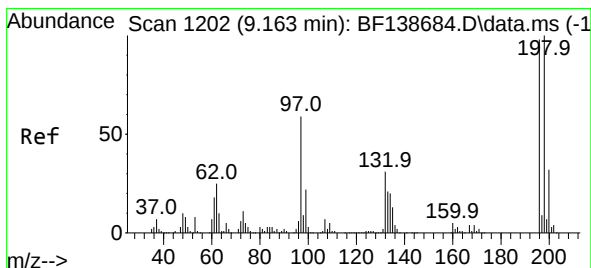
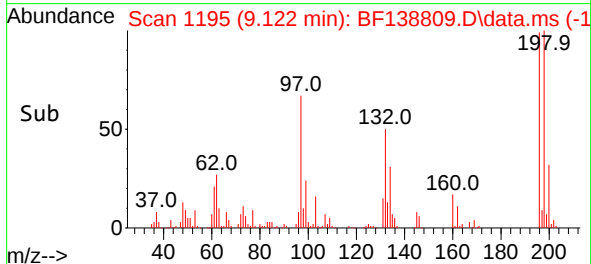
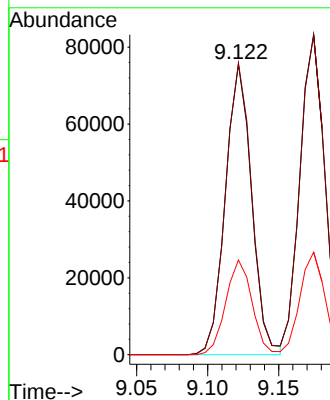
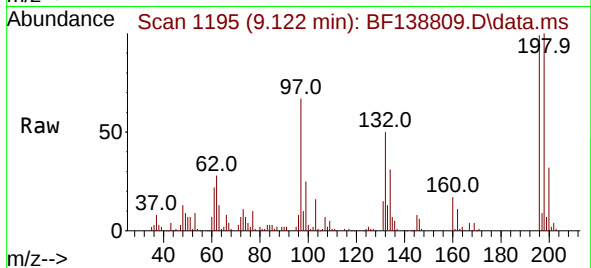
Tgt Ion:196 Resp: 96874

Ion Ratio Lower Upper

196 100

198 100.6 80.5 120.7

200 32.6 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 46.634 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Tgt Ion:196 Resp: 104332

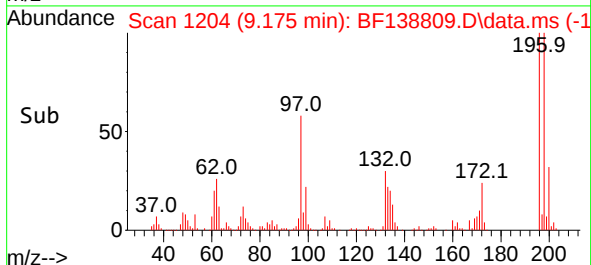
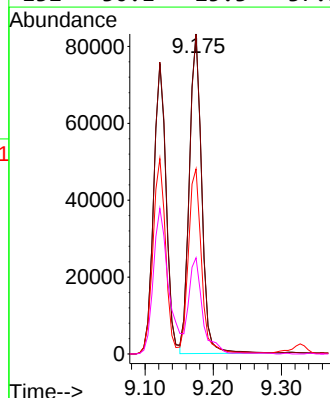
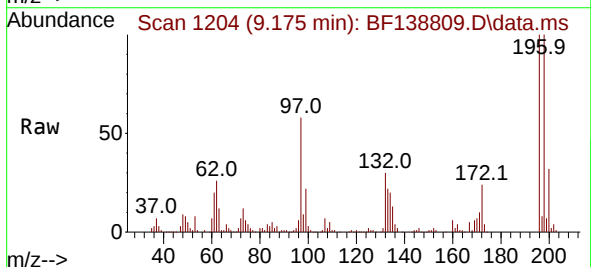
Ion Ratio Lower Upper

196 100

198 99.9 81.2 121.8

97 57.8 47.8 71.6

132 30.1 25.3 37.9

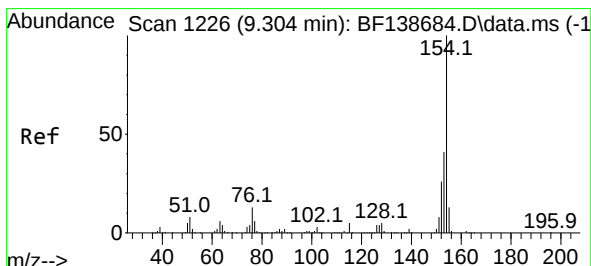
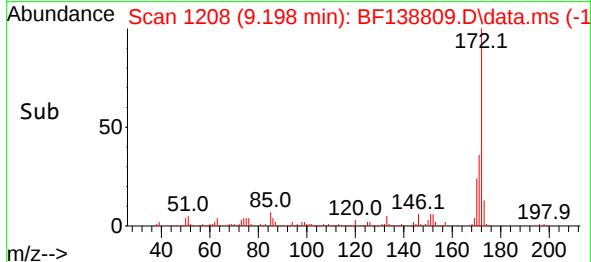
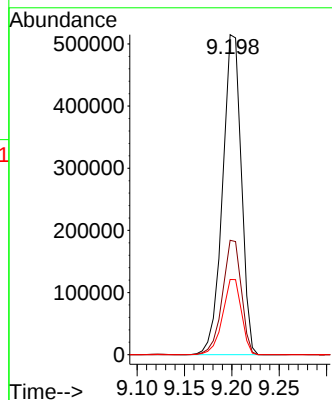
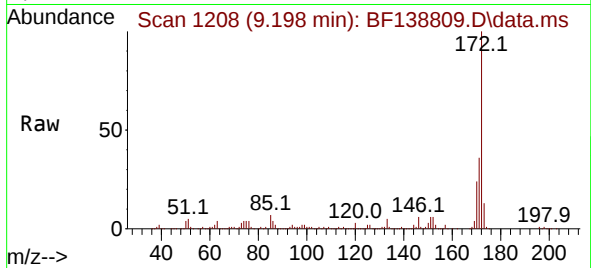




#45
2-Fluorobiphenyl
Concen: 88.290 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

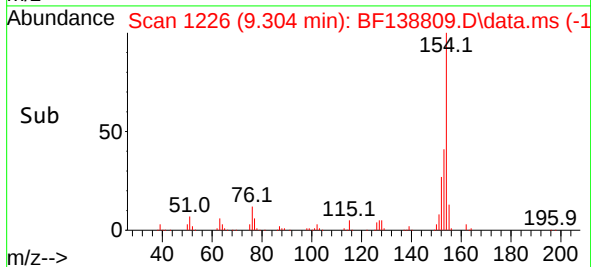
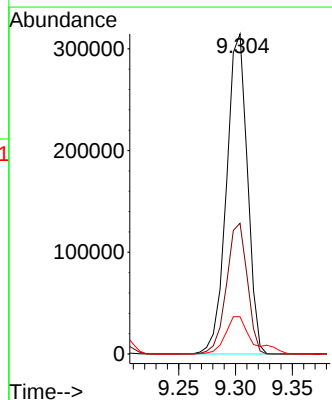
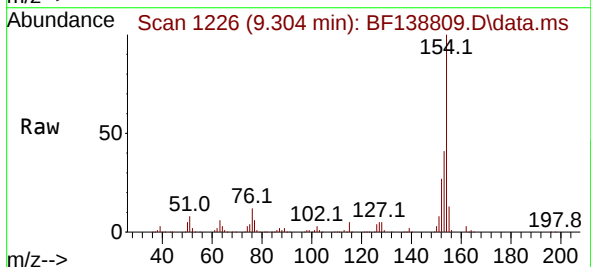
Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:172 Resp: 710020
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 42.460 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:154 Resp: 401802
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 11.7 0.0 32.8

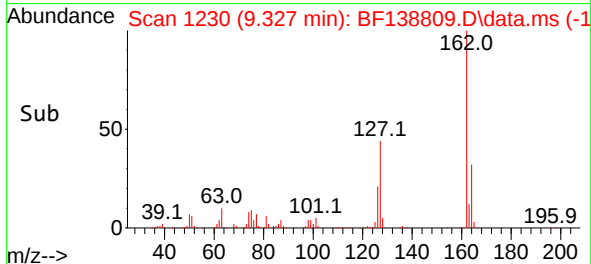
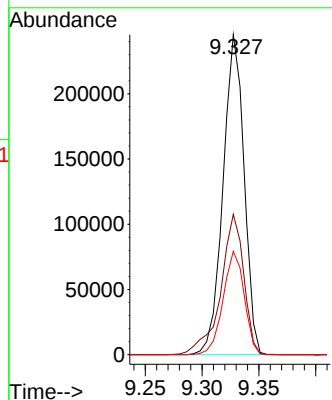
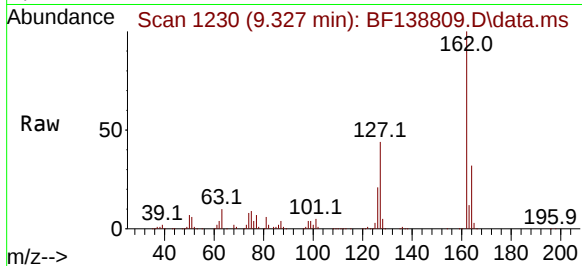




#47
2-Chloronaphthalene
Concen: 44.909 ng
RT: 9.327 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

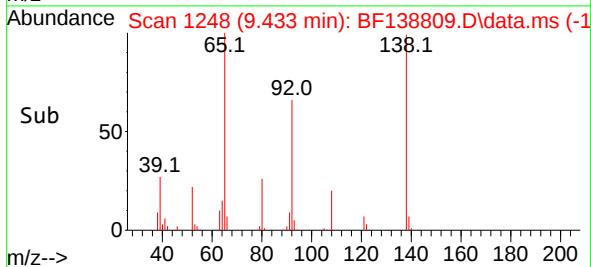
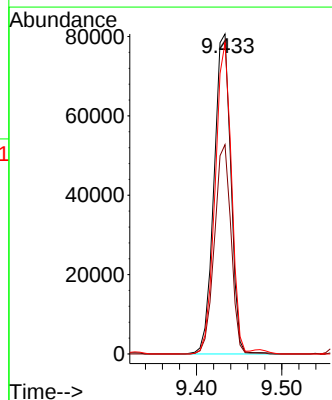
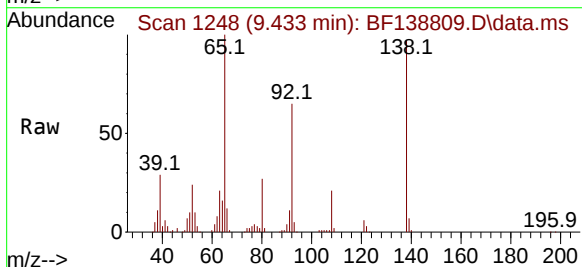
Instrument :
BNA_F
ClientSampleId :
PB162384BS

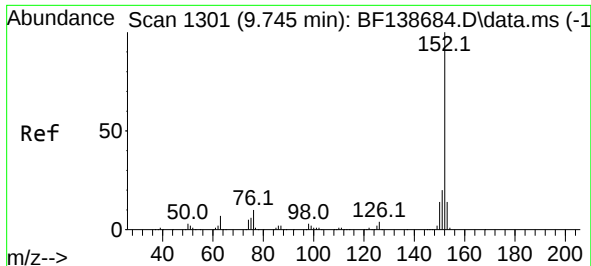
Tgt Ion:162 Resp: 316074
Ion Ratio Lower Upper
162 100
127 43.9 35.4 53.2
164 32.3 25.6 38.4



#48
2-Nitroaniline
Concen: 46.323 ng
RT: 9.433 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 65 Resp: 110525
Ion Ratio Lower Upper
65 100
92 65.4 52.0 78.0
138 97.2 76.2 114.4

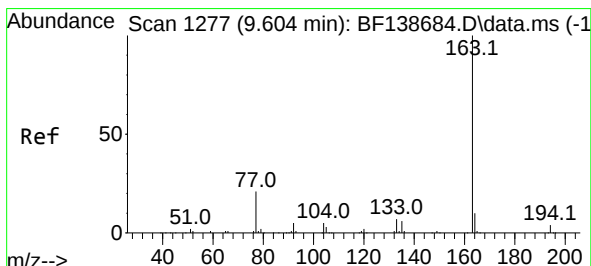
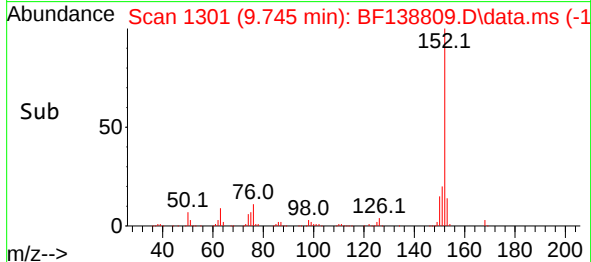
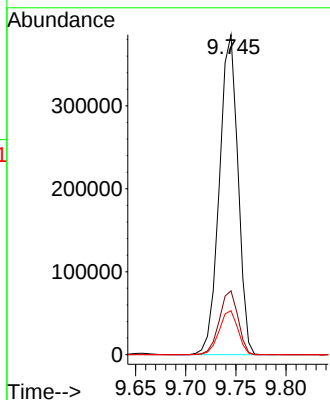
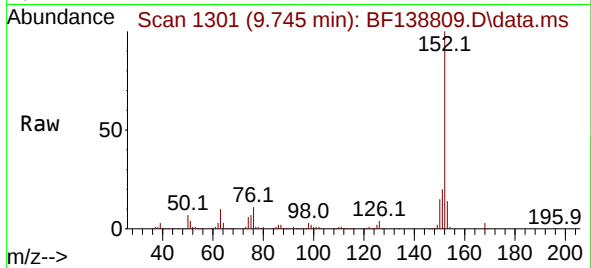




#49
Acenaphthylene
Concen: 49.826 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

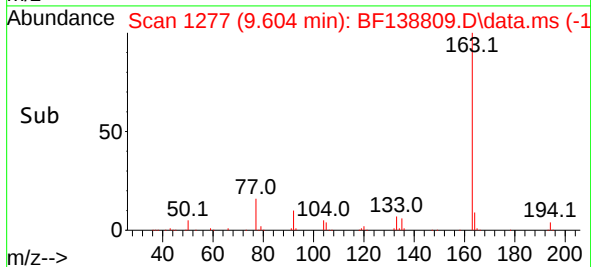
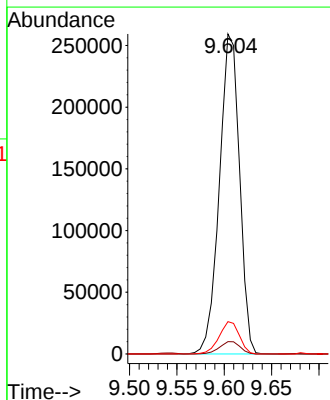
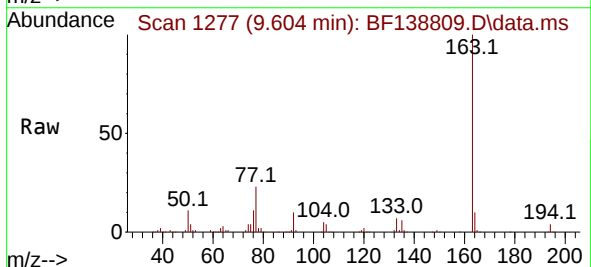
Instrument :
BNA_F
ClientSampleId :
PB162384BS

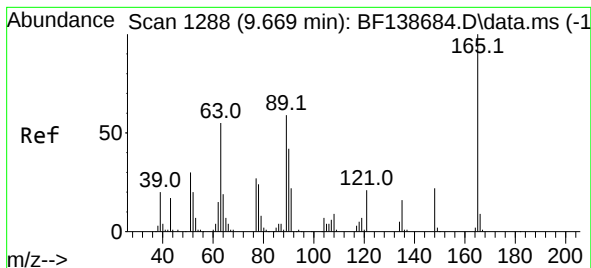
Tgt Ion:152 Resp: 497368
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.8 11.0 16.4



#50
Dimethylphthalate
Concen: 49.669 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:163 Resp: 383738
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 46.620 ng

RT: 9.675 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

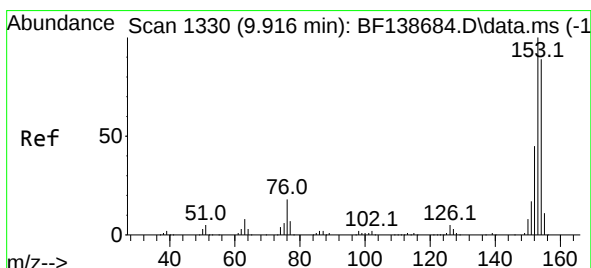
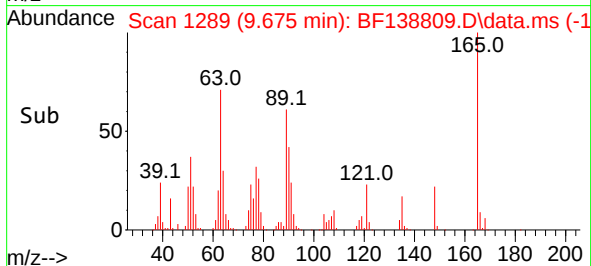
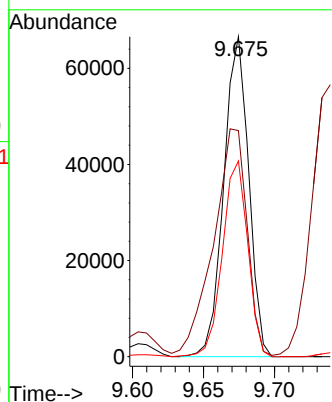
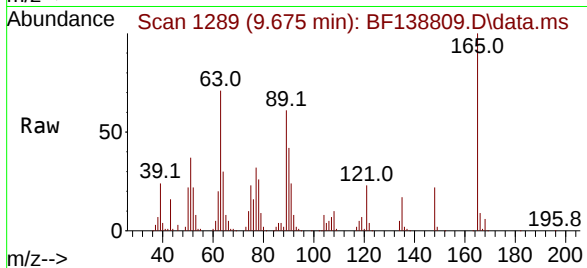
Tgt Ion:165 Resp: 81287

Ion Ratio Lower Upper

165 100

63 70.7 52.0 78.0

89 61.1 47.0 70.6



#52

Acenaphthene

Concen: 44.817 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

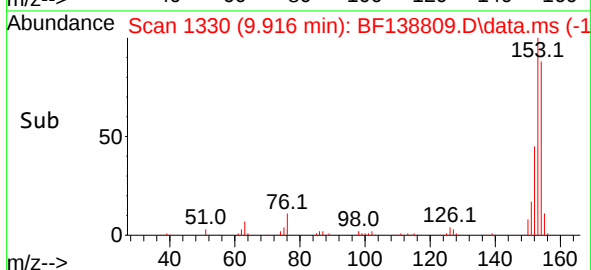
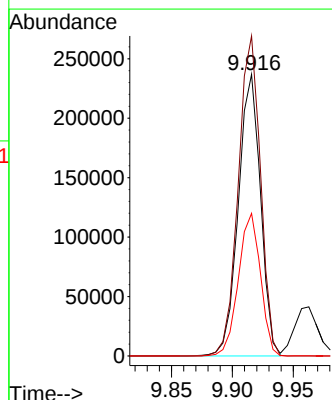
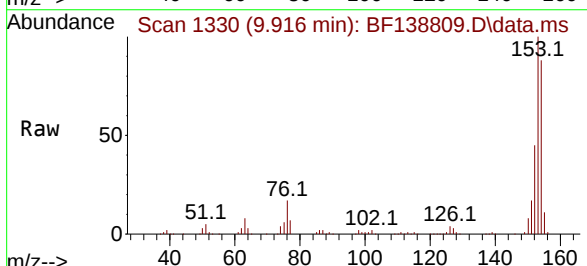
Tgt Ion:154 Resp: 300729

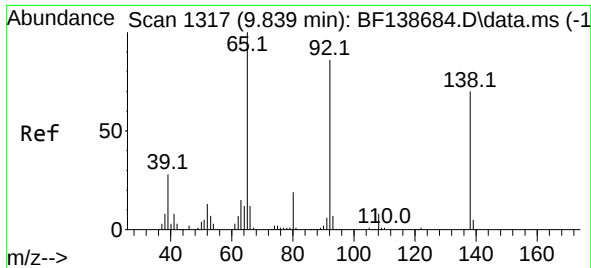
Ion Ratio Lower Upper

154 100

153 113.6 89.9 134.9

152 50.6 40.6 60.8

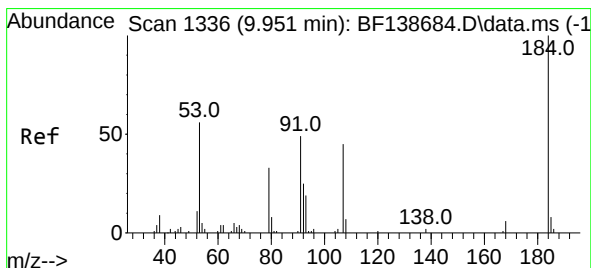
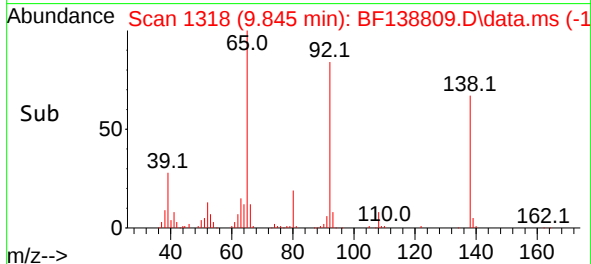
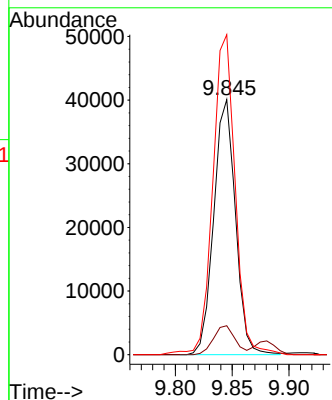
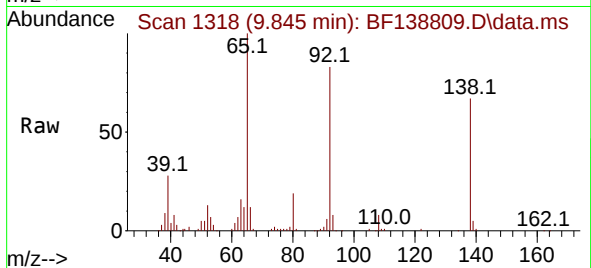




#53
3-Nitroaniline
Concen: 29.603 ng
RT: 9.845 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

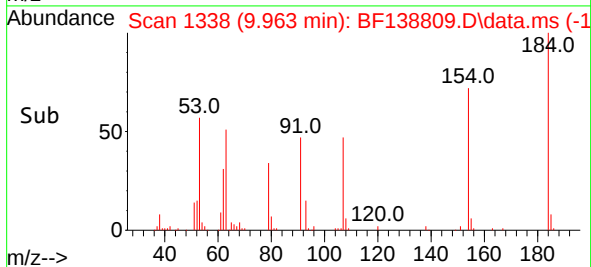
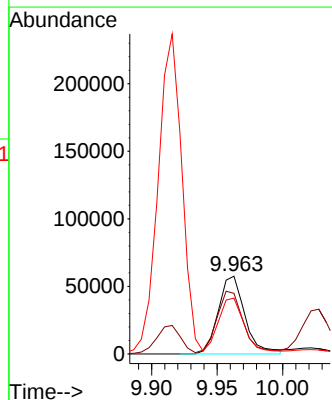
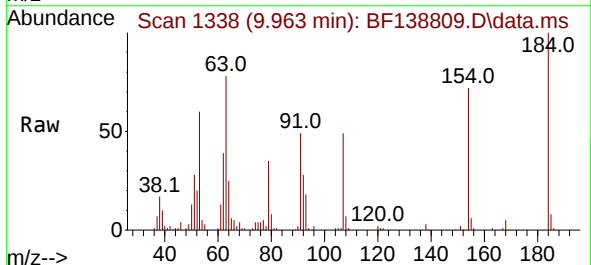
Instrument :
BNA_F
ClientSampleId :
PB162384BS

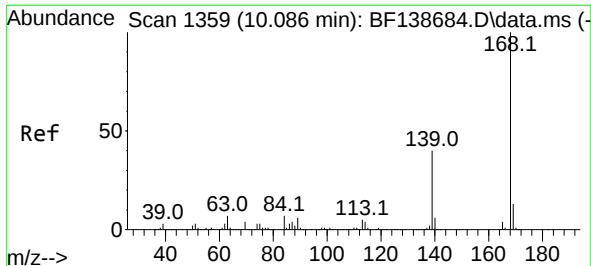
Tgt Ion:138 Resp: 53360
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 125.5 98.7 148.1



#54
2,4-Dinitrophenol
Concen: 101.130 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:184 Resp: 81171
Ion Ratio Lower Upper
184 100
63 78.0 57.5 86.3
154 71.7 51.7 77.5

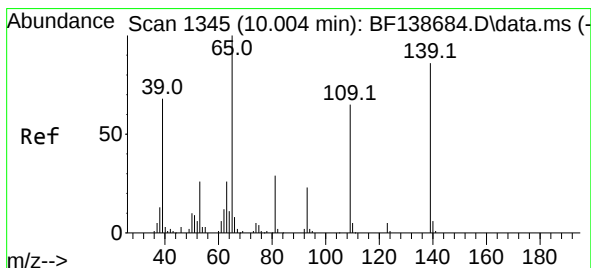
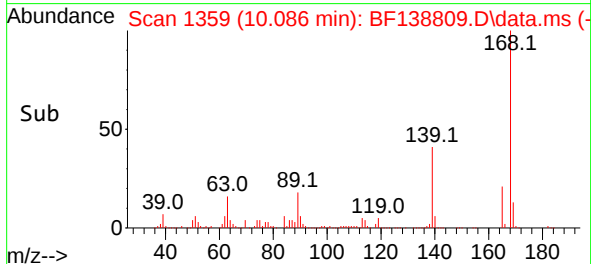
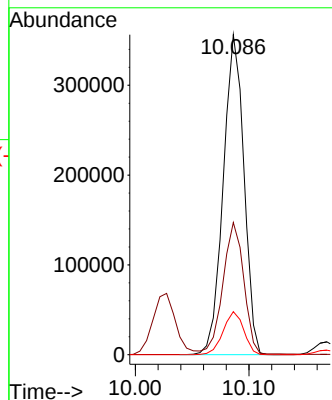
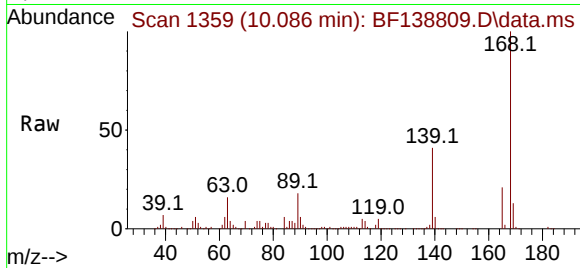




#55
Dibenzofuran
Concen: 47.632 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

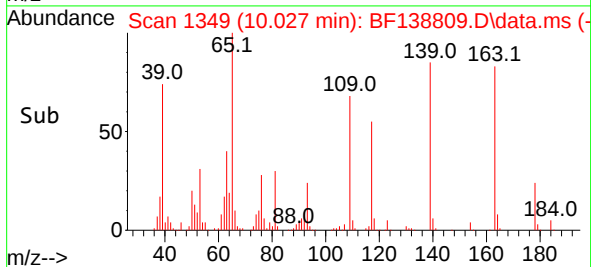
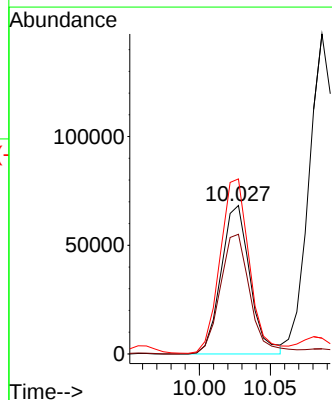
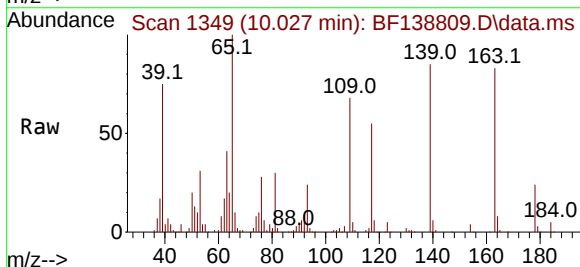
Instrument :
BNA_F
ClientSampleId :
PB162384BS

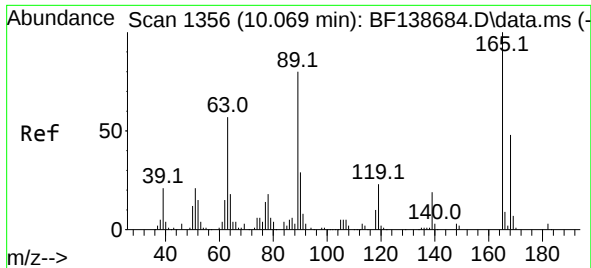
Tgt Ion:168 Resp: 451168
Ion Ratio Lower Upper
168 100
139 41.3 32.6 49.0
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 89.196 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.023 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:139 Resp: 96682
Ion Ratio Lower Upper
139 100
109 80.7 55.5 95.5
65 118.0 96.7 136.7

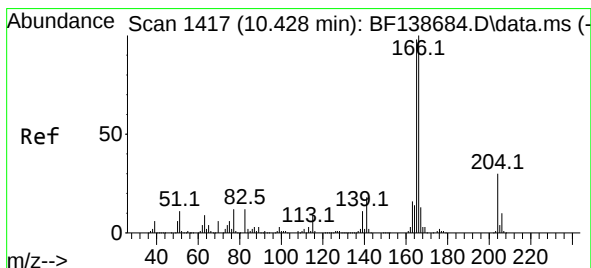
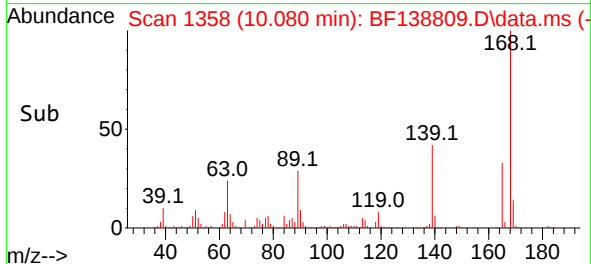
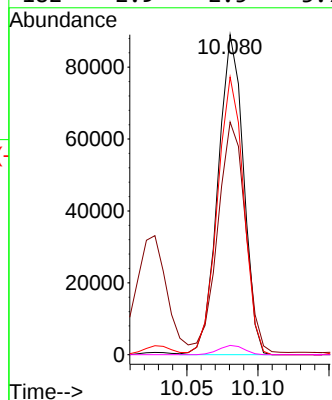
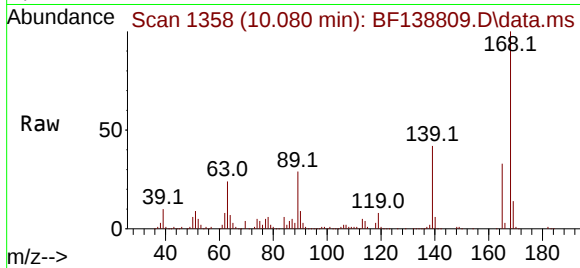




#57
2,4-Dinitrotoluene
Concen: 50.038 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

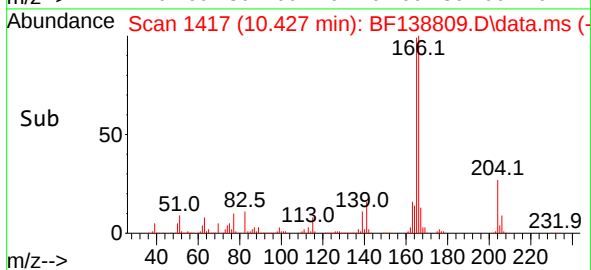
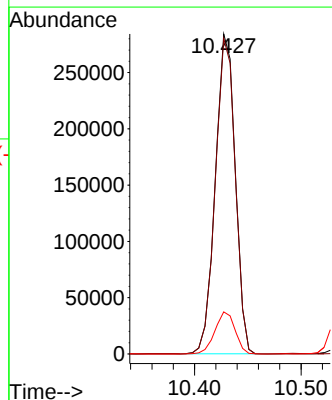
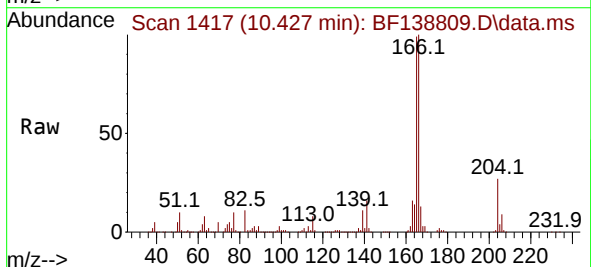
Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:165 Resp: 111312
Ion Ratio Lower Upper
165 100
63 72.7 46.3 69.5#
89 86.8 64.2 96.4
182 2.9 2.5 3.7



#58
Fluorene
Concen: 48.777 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:166 Resp: 367921
Ion Ratio Lower Upper
166 100
165 98.6 78.4 117.6
167 13.2 10.6 16.0



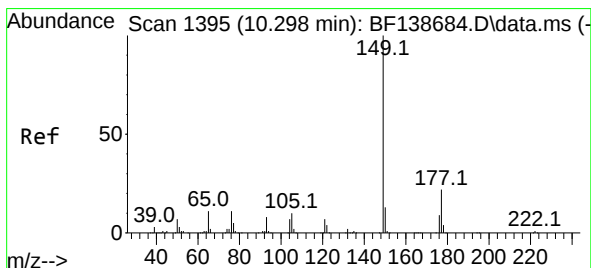
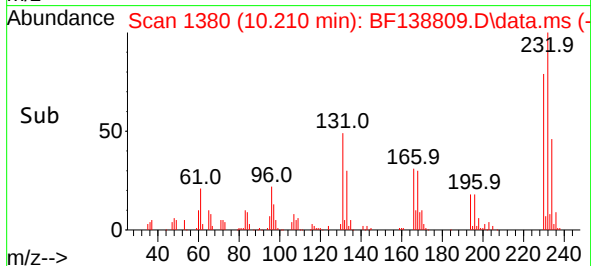
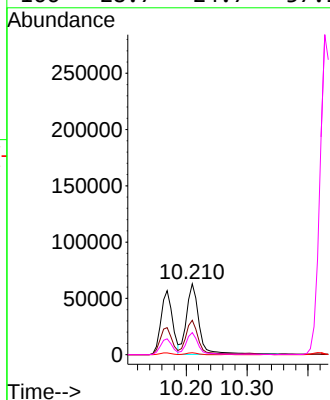
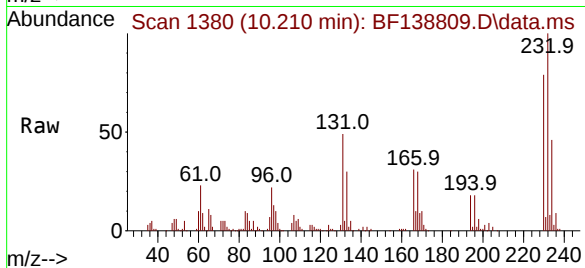


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.110 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:232 Resp: 89130

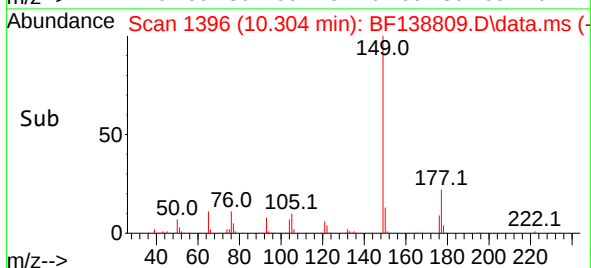
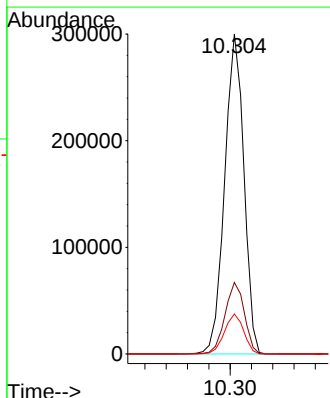
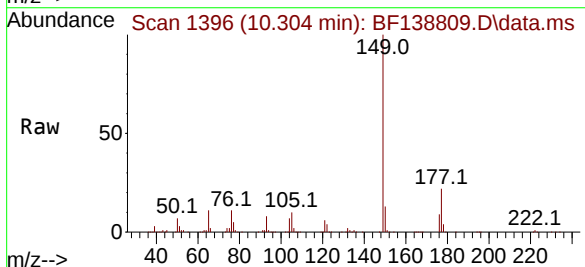
Ion	Ratio	Lower	Upper
232	100		
131	48.7	37.0	55.4
130	2.4	2.0	3.0
166	28.7	24.7	37.1

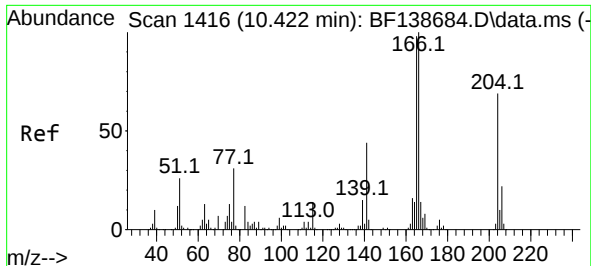


#60
Diethylphthalate
Concen: 51.284 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:149 Resp: 375684

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.8	26.8
150	12.5	10.1	15.1

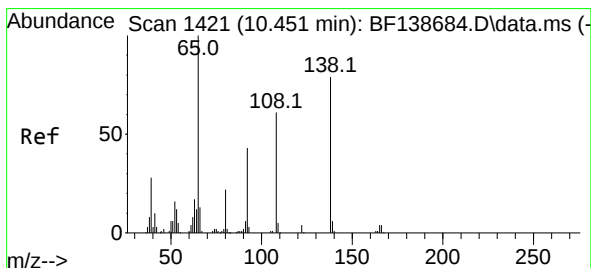
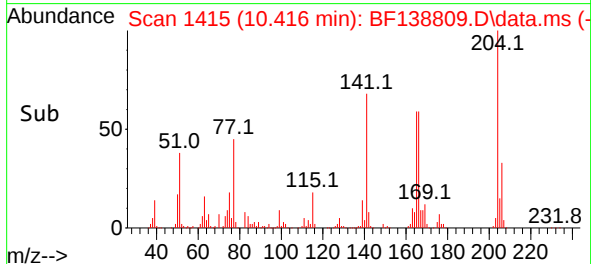
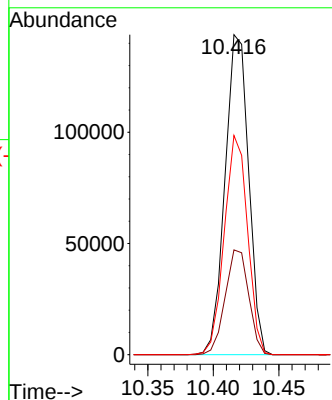
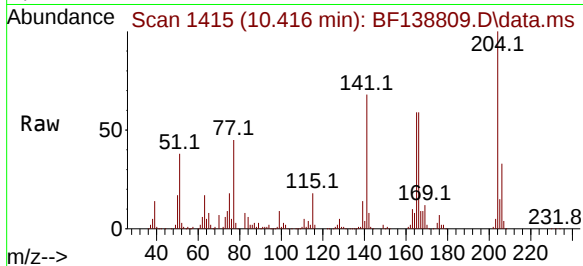




#61
4-Chlorophenyl-phenylether
Concen: 48.668 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

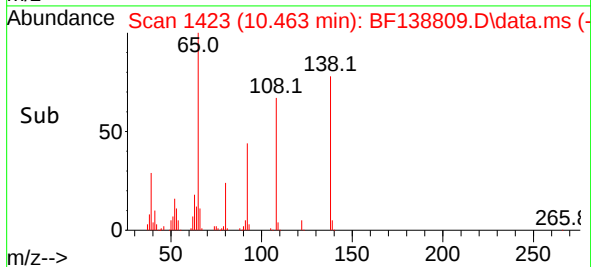
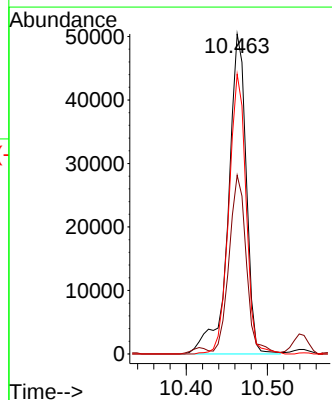
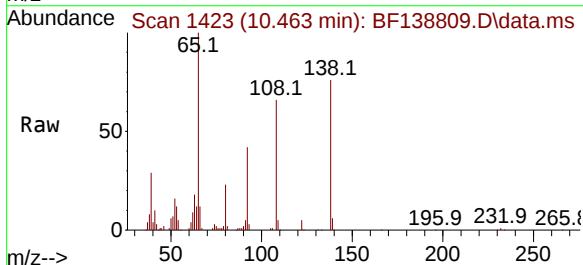
Instrument :
BNA_F
ClientSampleId :
PB162384BS

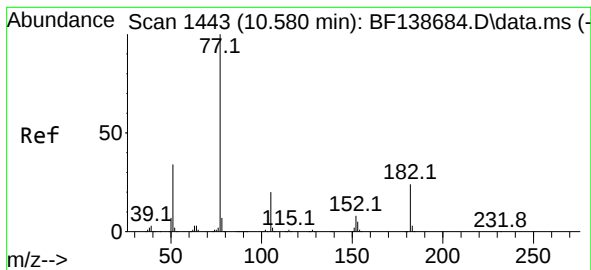
Tgt Ion:204 Resp: 180547
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 68.5 51.4 77.0



#62
4-Nitroaniline
Concen: 45.214 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:138 Resp: 77449
Ion Ratio Lower Upper
138 100
92 55.9 34.2 74.2
108 87.4 56.2 96.2





#63

Azobenzene

Concen: 46.906 ng

RT: 10.580 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

Tgt Ion: 77 Resp: 381102

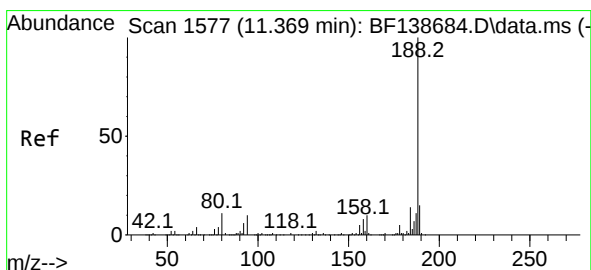
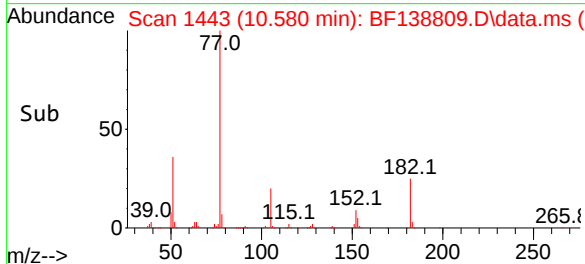
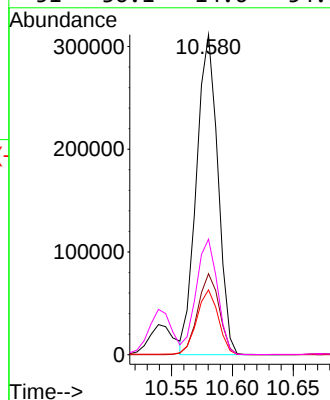
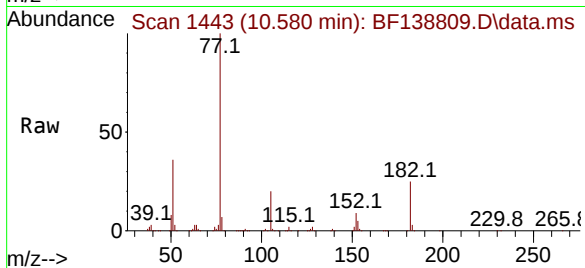
Ion Ratio Lower Upper

77 100

182 25.3 3.4 43.4

105 20.3 0.2 40.2

51 36.1 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: BF138809.D

Acq: 06 Aug 2024 14:55

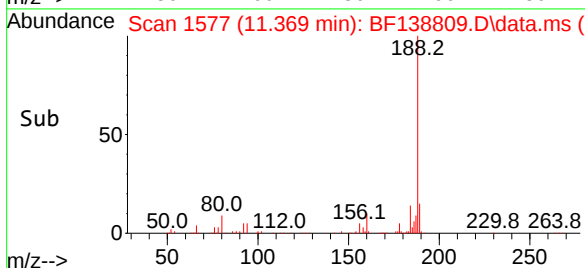
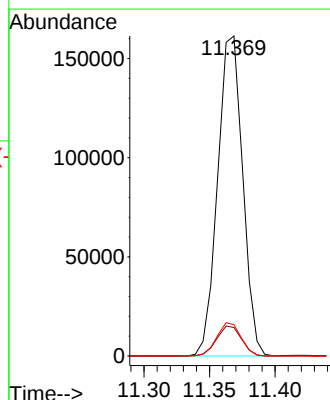
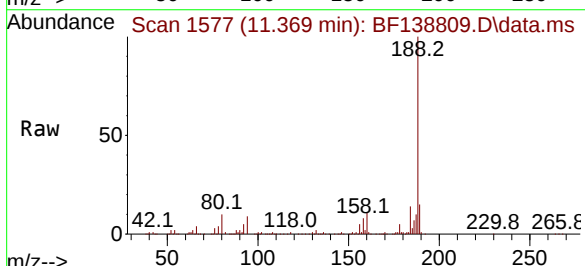
Tgt Ion: 188 Resp: 214358

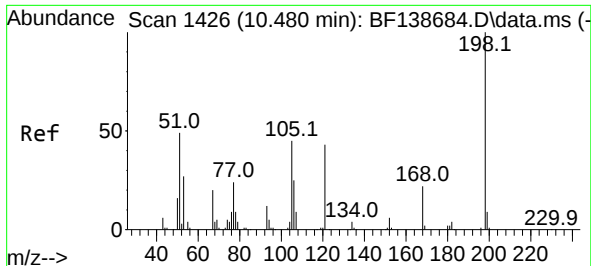
Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.7 8.6 12.8

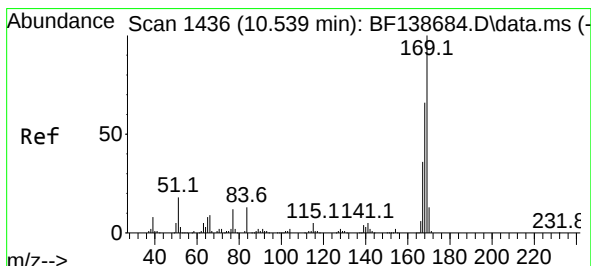
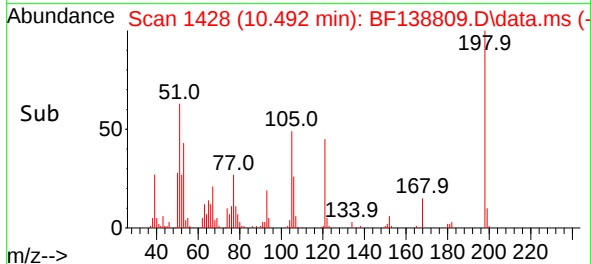
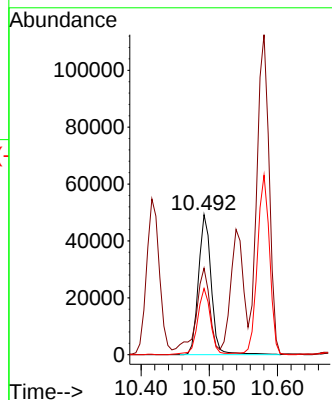
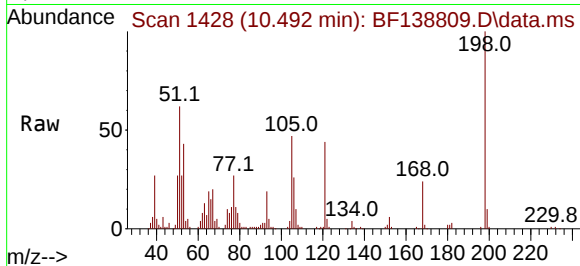




#65
4,6-Dinitro-2-methylphenol
Concen: 48.752 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

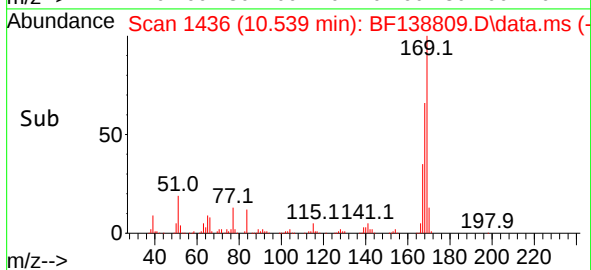
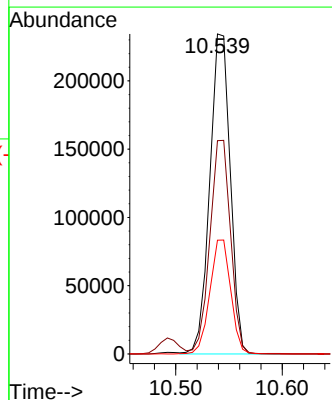
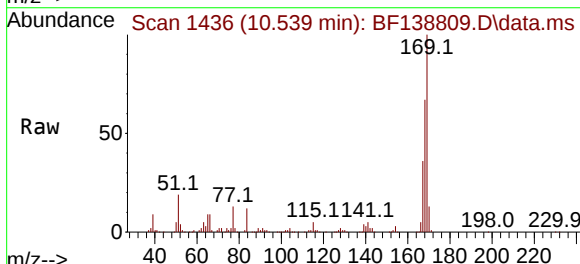
Instrument :
BNA_F
ClientSampleId :
PB162384BS

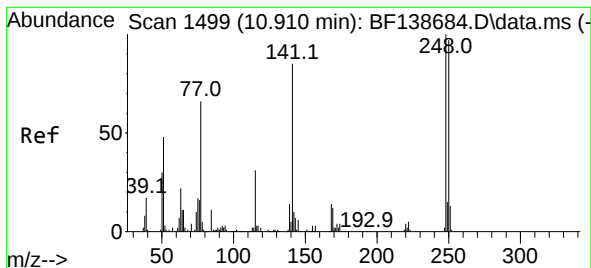
Tgt Ion:198 Resp: 63756
Ion Ratio Lower Upper
198 100
51 61.8 39.9 79.9
105 47.3 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 46.806 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:169 Resp: 313615
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 35.6 29.0 43.6

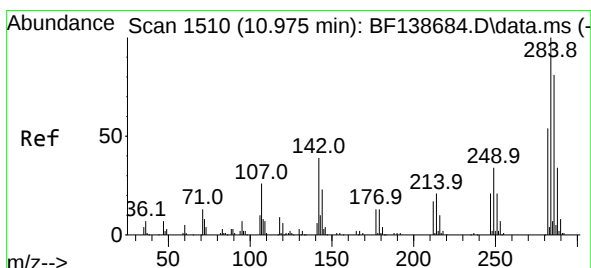
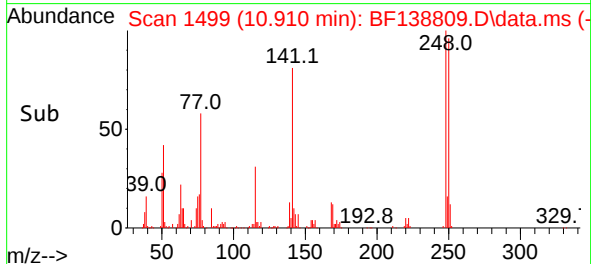
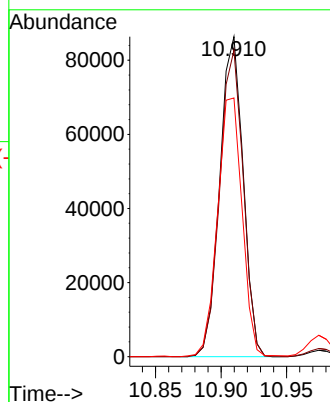
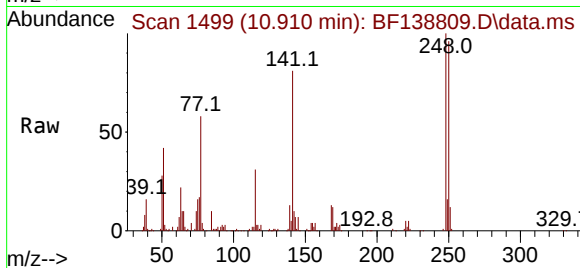




#67
4-Bromophenyl-phenylether
Concen: 46.142 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

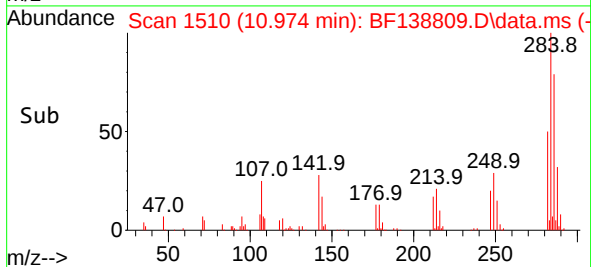
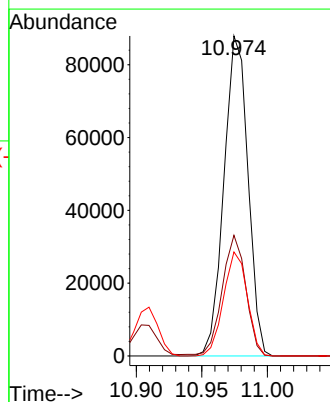
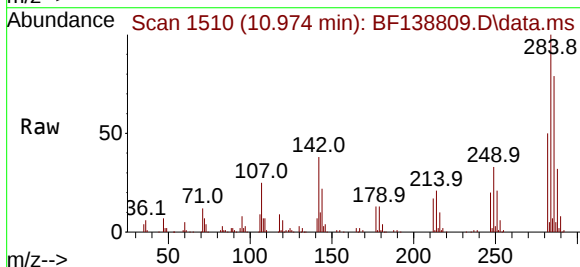
Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:248 Resp: 107087
Ion Ratio Lower Upper
248 100
250 95.8 77.7 116.5
141 80.8 68.0 102.0



#68
Hexachlorobenzene
Concen: 46.724 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:284 Resp: 111963
Ion Ratio Lower Upper
284 100
142 37.7 31.3 46.9
249 32.5 27.2 40.8





#69

Atrazine

Concen: 54.341 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

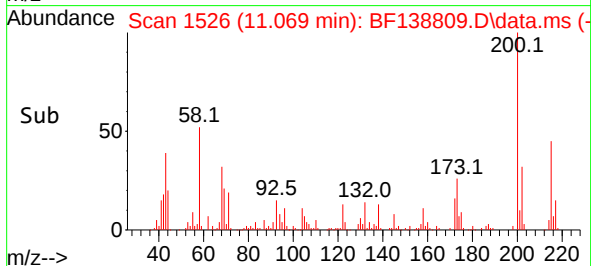
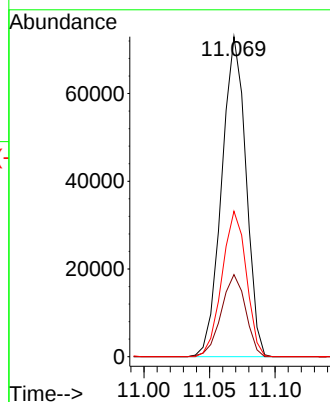
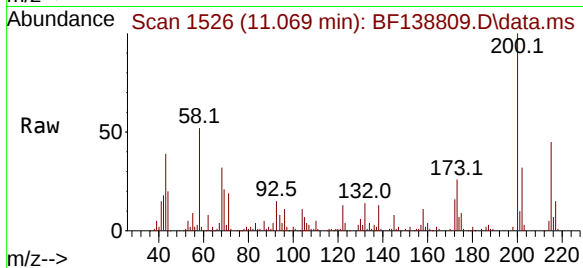
Tgt Ion:200 Resp: 93940

Ion Ratio Lower Upper

200 100

173 25.6 6.0 46.0

215 45.5 26.1 66.1



#70

Pentachlorophenol

Concen: 83.719 ng

RT: 11.180 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

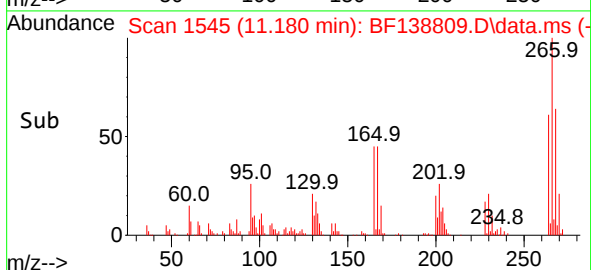
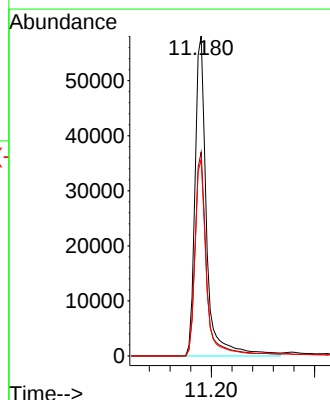
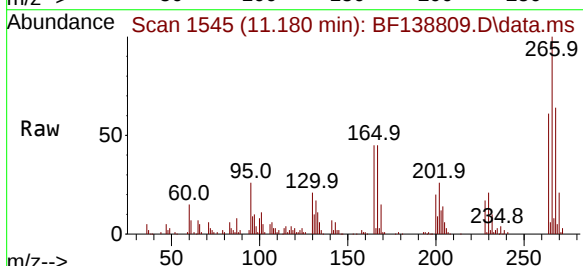
Tgt Ion:266 Resp: 90425

Ion Ratio Lower Upper

266 100

268 63.7 49.2 73.8

264 61.4 49.8 74.6

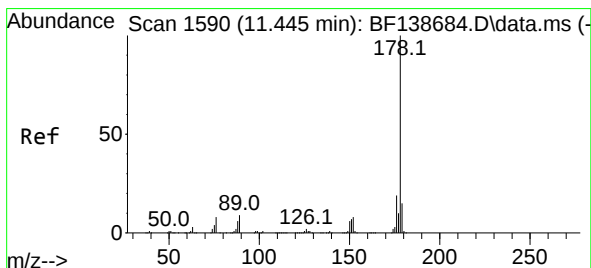
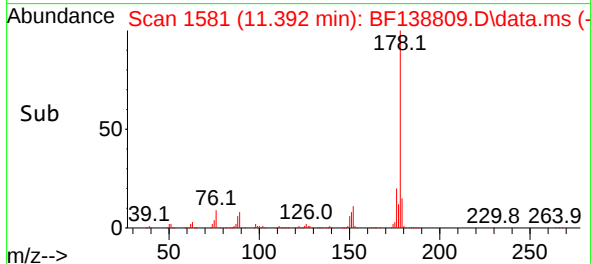
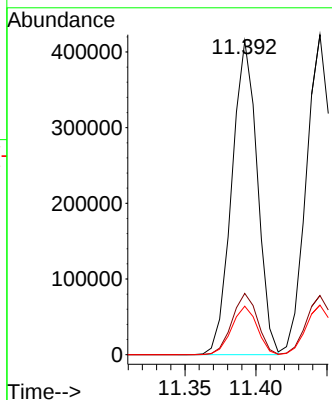
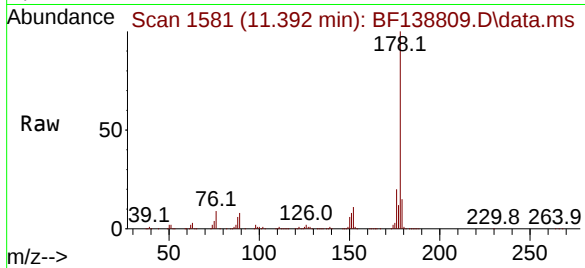




#71
Phenanthrene
Concen: 46.975 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

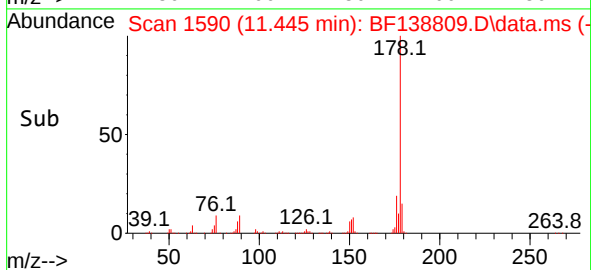
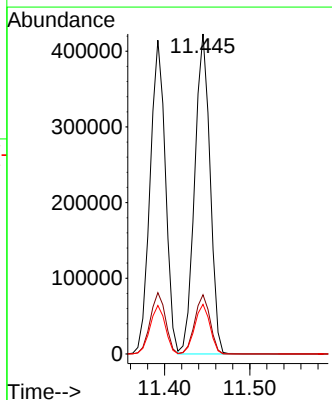
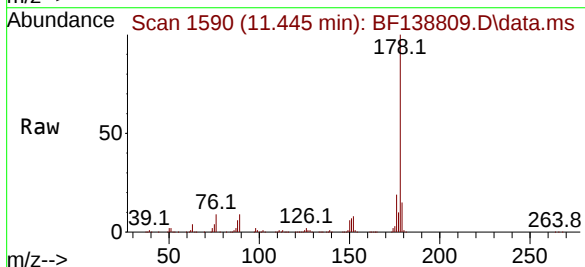
Instrument :
BNA_F
ClientSampleId :
PB162384BS

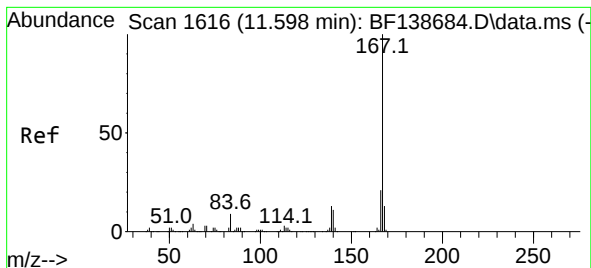
Tgt Ion:178 Resp: 518501
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.4 12.2 18.2



#72
Anthracene
Concen: 48.564 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:178 Resp: 528074
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.5 12.4 18.6





#73

Carbazole

Concen: 47.015 ng

RT: 11.604 min Scan# 1617

Delta R.T. 0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

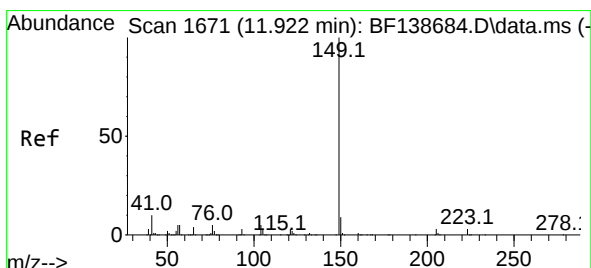
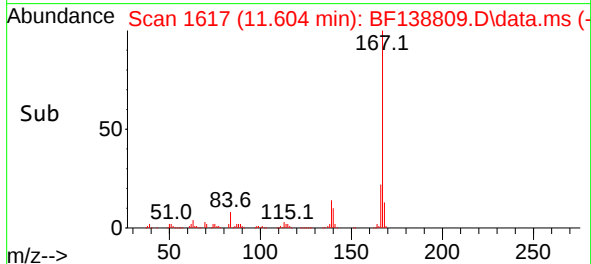
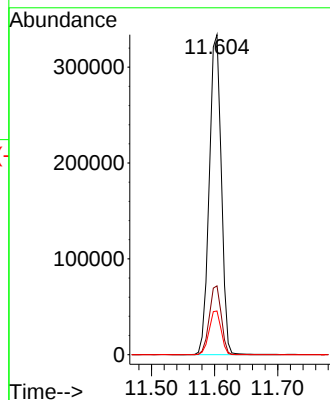
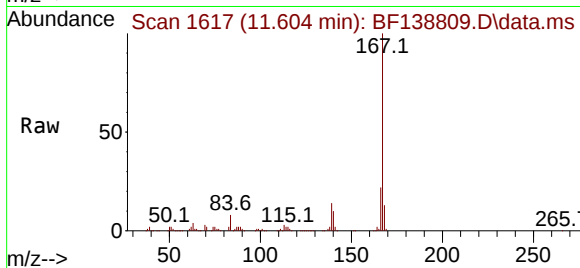
Tgt Ion:167 Resp: 441059

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 54.411 ng

RT: 11.921 min Scan# 1671

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

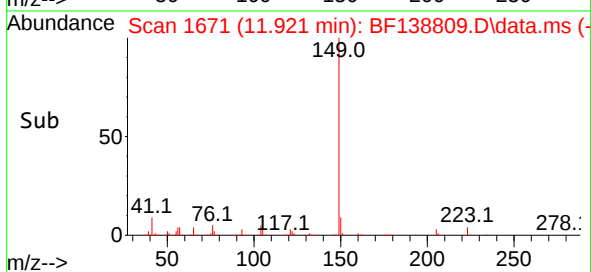
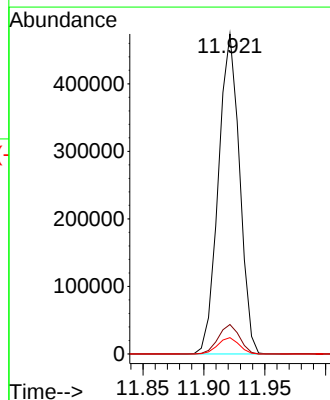
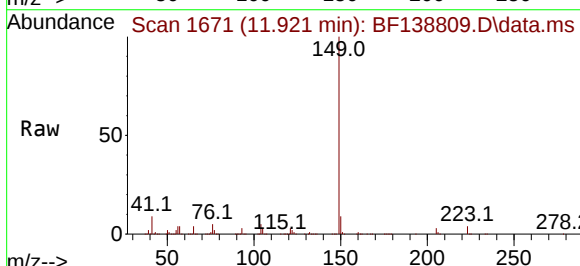
Tgt Ion:149 Resp: 573822

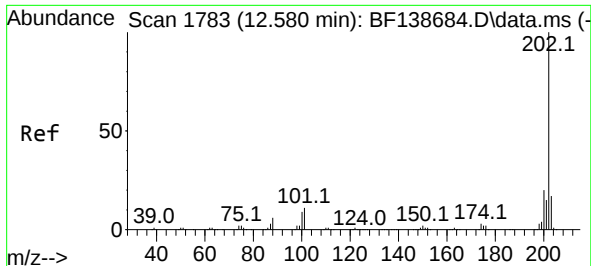
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.1 6.1

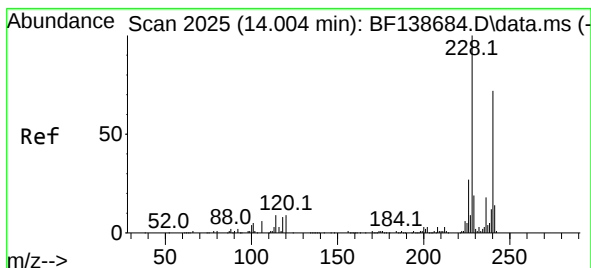
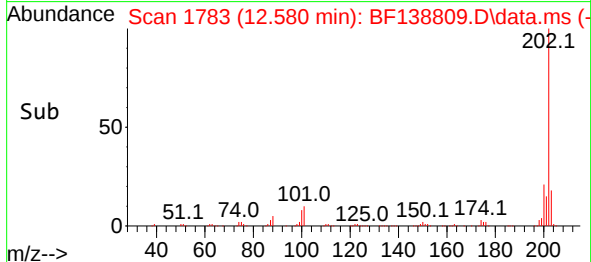
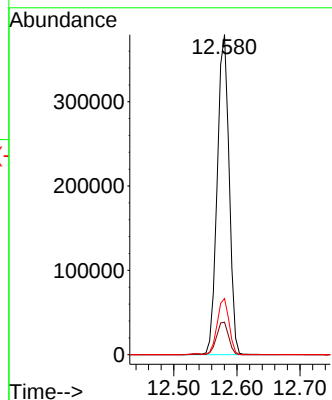
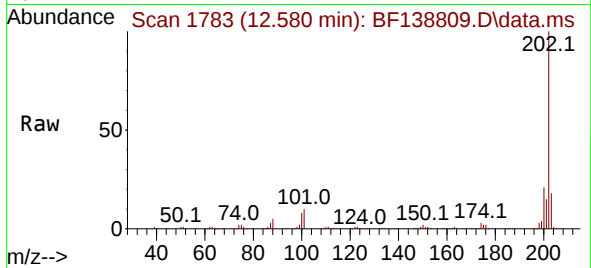




#75
Fluoranthene
Concen: 48.106 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

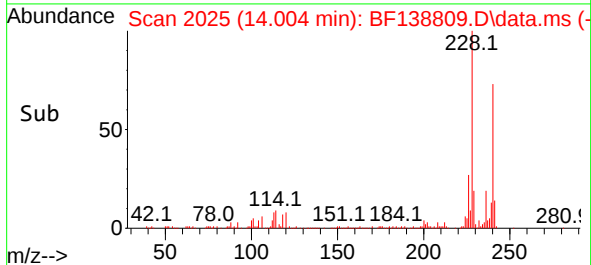
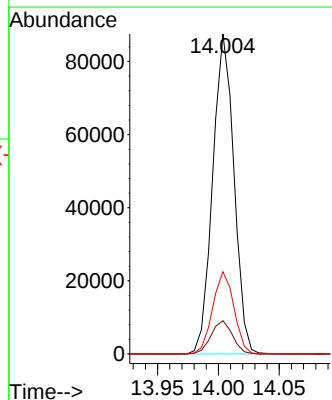
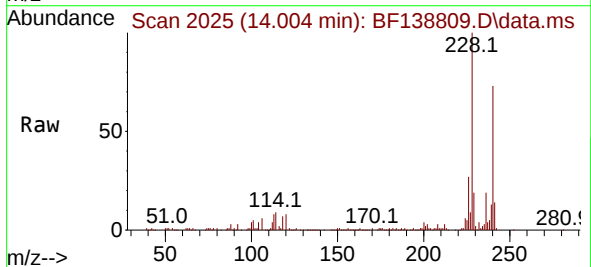
Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:202 Resp: 495703
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 17.6 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: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:240 Resp: 106576
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 25.7 19.8 29.8

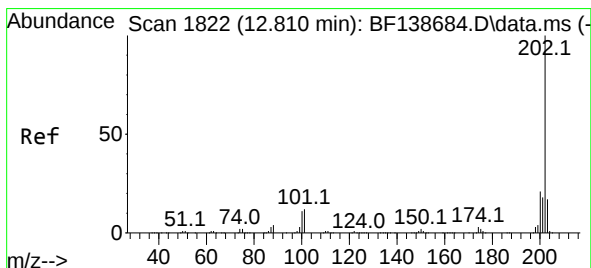
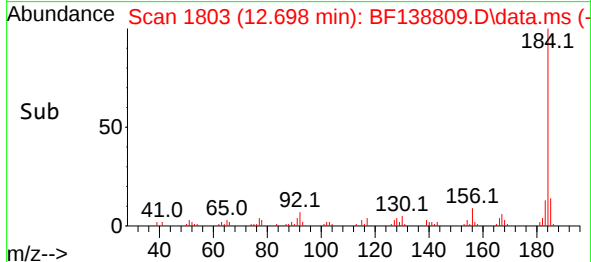
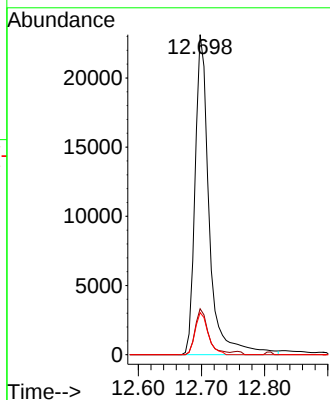
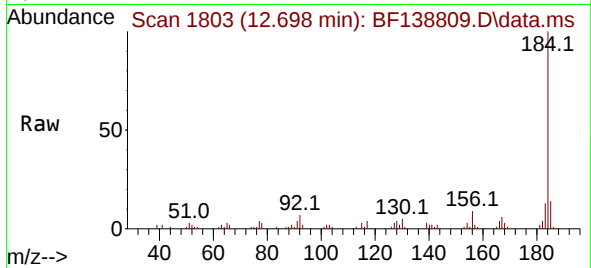




#77
Benzidine
Concen: 14.121 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

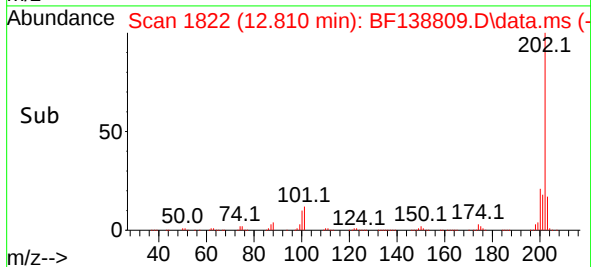
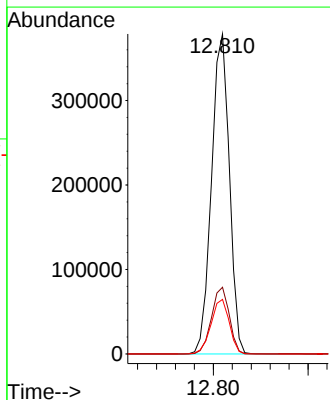
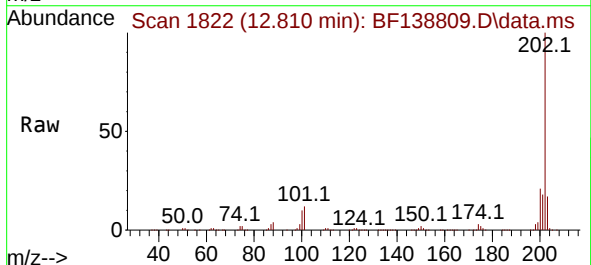
Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:184 Resp: 35995
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 13.1 9.6 14.4



#78
Pyrene
Concen: 49.228 ng
RT: 12.810 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:202 Resp: 493978
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.0 13.8 20.6





#79

Terphenyl-d14

Concen: 111.682 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138809.D

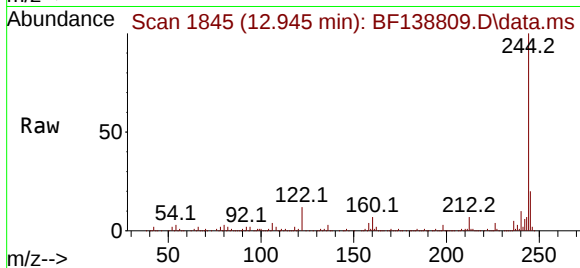
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS



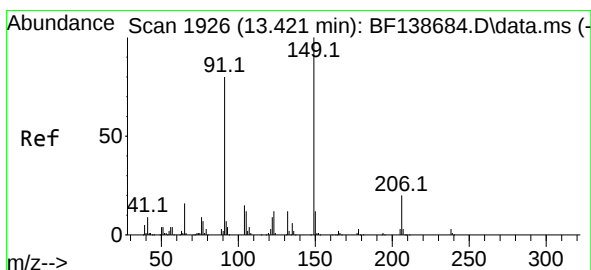
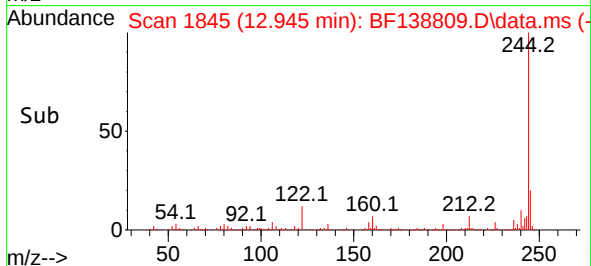
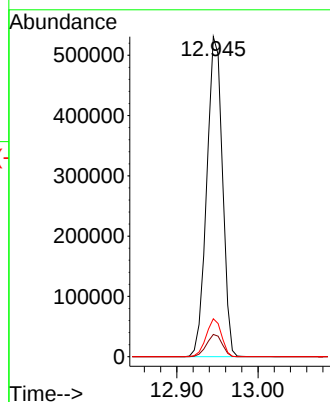
Tgt Ion:244 Resp: 710912

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.8 9.6 14.4



#80

Butylbenzylphthalate

Concen: 52.292 ng

RT: 13.415 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

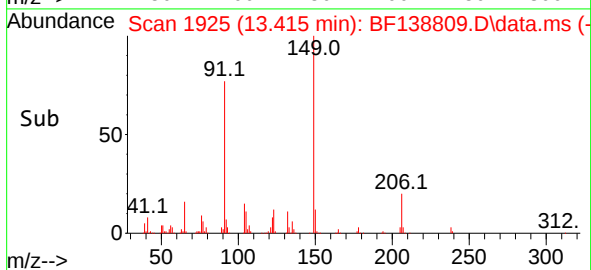
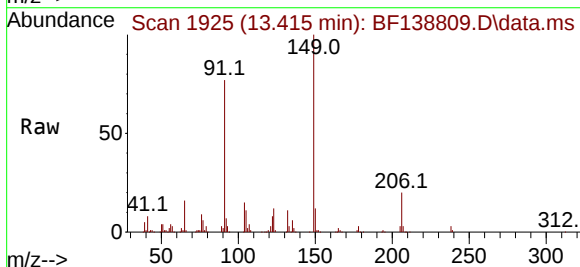
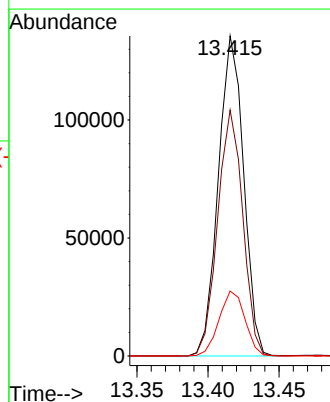
Tgt Ion:149 Resp: 168030

Ion Ratio Lower Upper

149 100

91 76.9 63.7 95.5

206 20.3 16.2 24.2

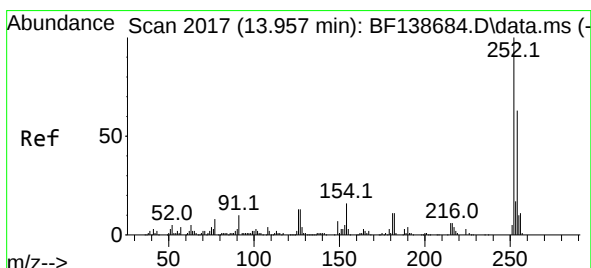
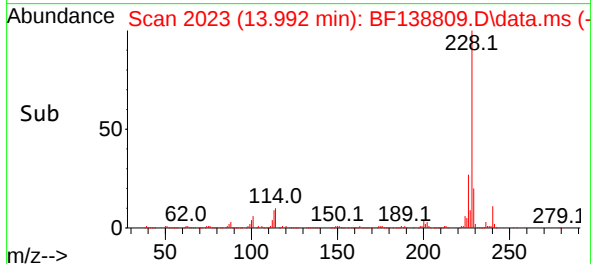
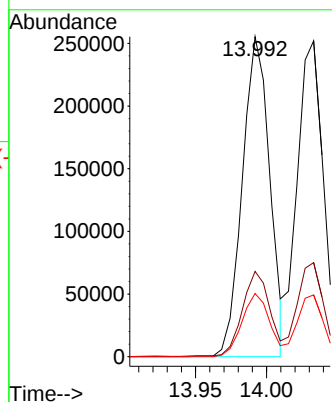
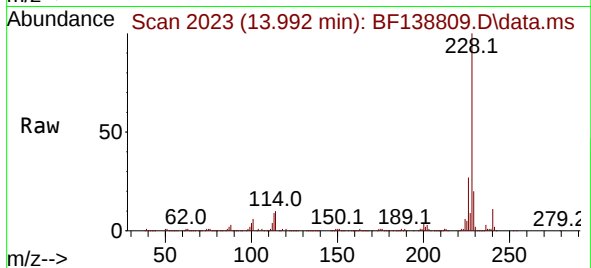




#81
Benzo(a)anthracene
Concen: 46.592 ng
RT: 13.992 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

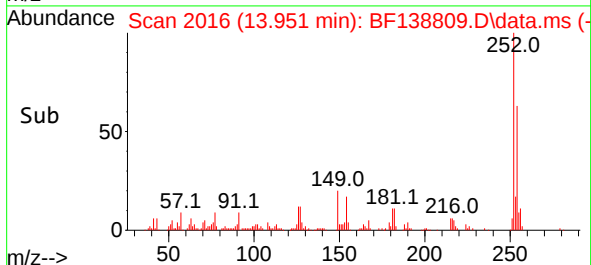
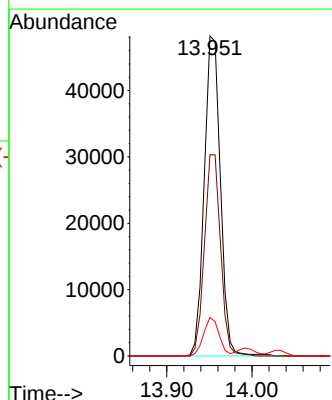
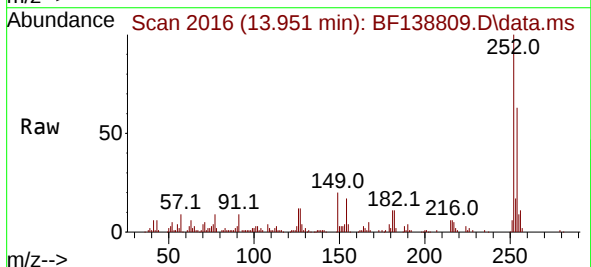
Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:228 Resp: 341942
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 19.8 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 33.855 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:252 Resp: 63582
Ion Ratio Lower Upper
252 100
254 62.9 50.8 76.2
126 12.0 10.2 15.2





#83

Chrysene

Concen: 48.499 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

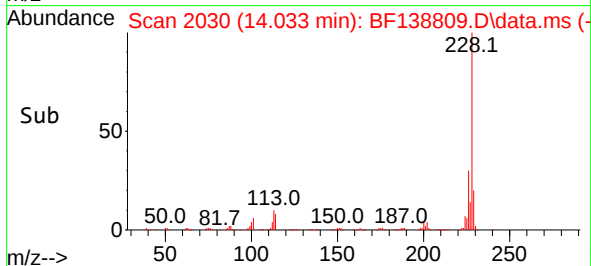
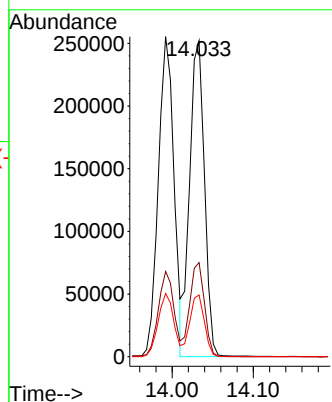
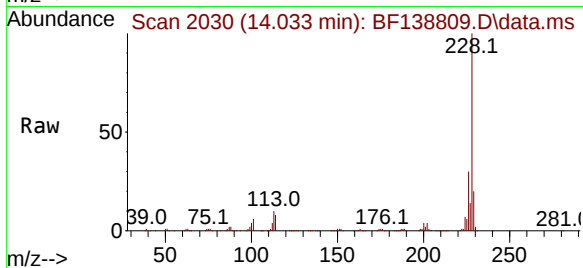
Tgt Ion:228 Resp: 321120

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.6 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.782 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

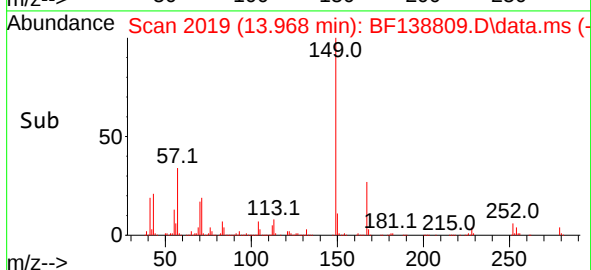
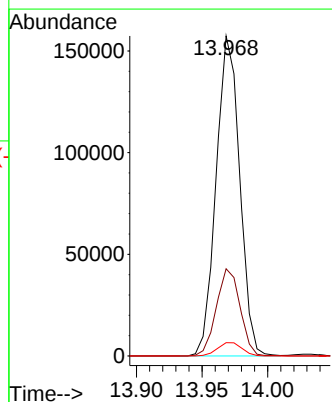
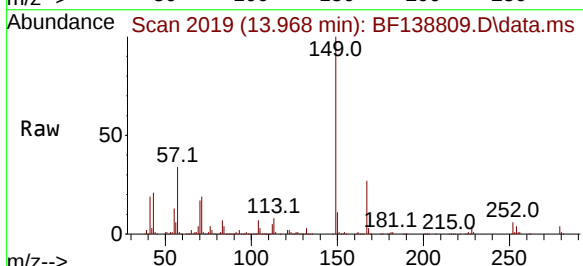
Tgt Ion:149 Resp: 196600

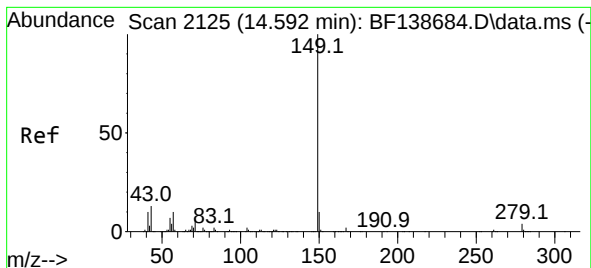
Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 38.054 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

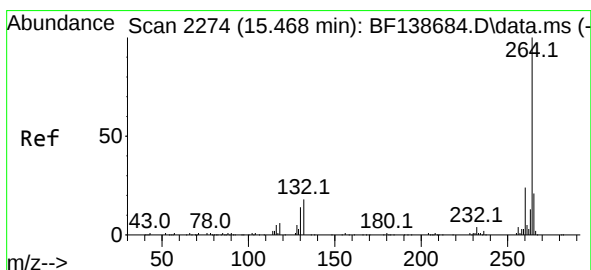
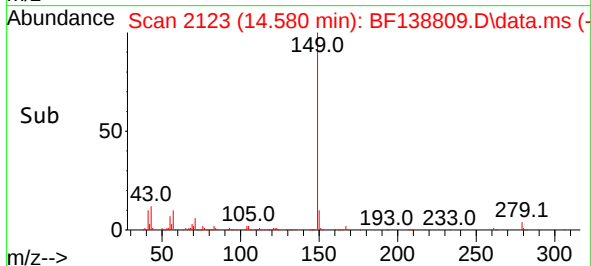
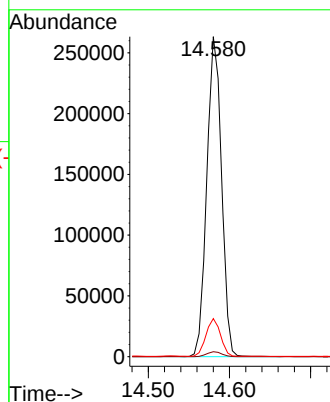
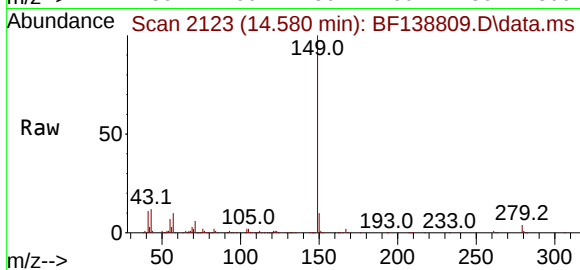
Tgt Ion:149 Resp: 331284

Ion Ratio Lower Upper

149 100

167 1.6 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: BF138809.D

Acq: 06 Aug 2024 14:55

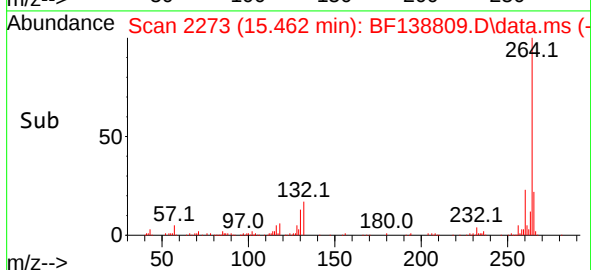
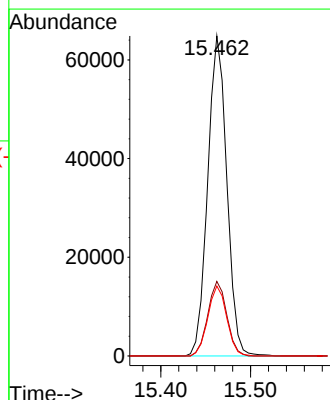
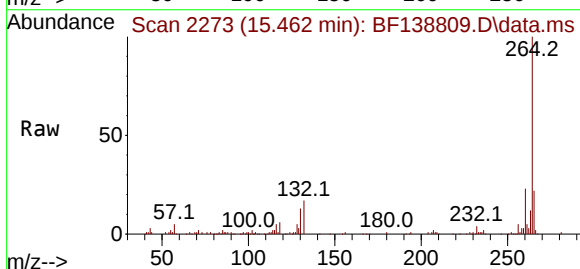
Tgt Ion:264 Resp: 95791

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.637 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

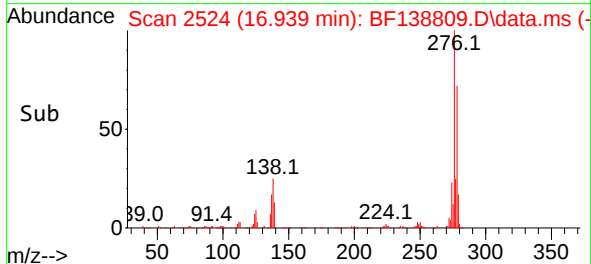
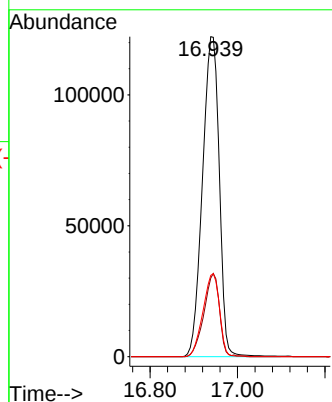
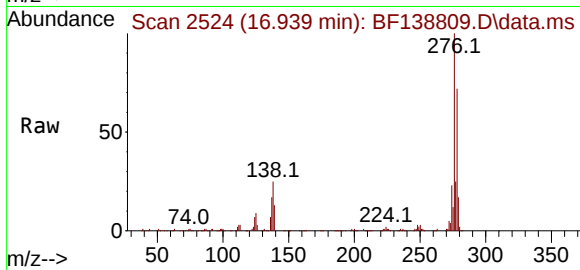
Tgt Ion:276 Resp: 327018

Ion Ratio Lower Upper

276 100

138 24.1 21.8 32.8

277 25.4 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 46.830 ng

RT: 15.039 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

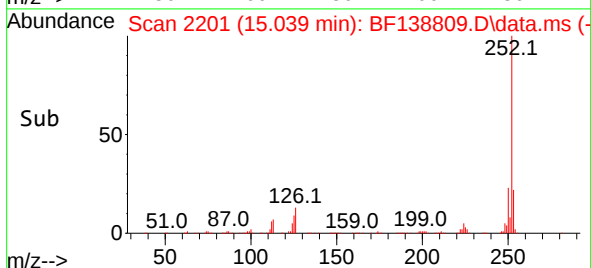
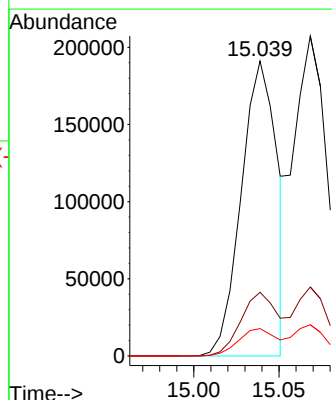
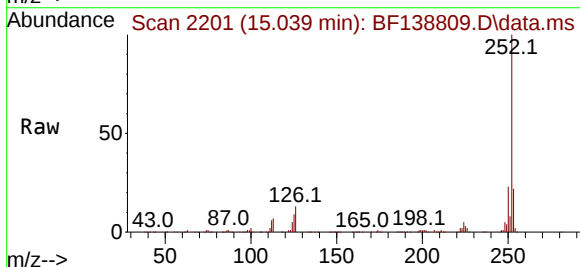
Tgt Ion:252 Resp: 278083

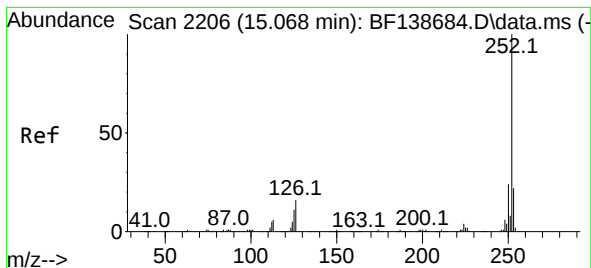
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.3 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 55.232 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

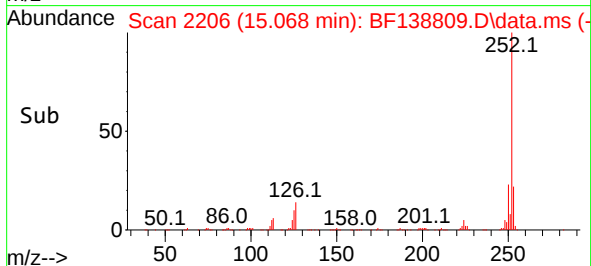
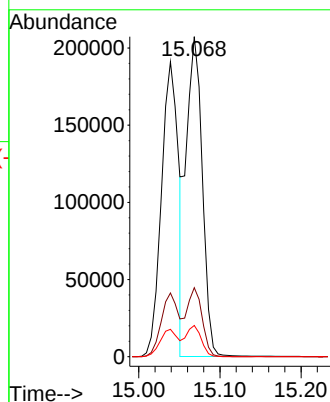
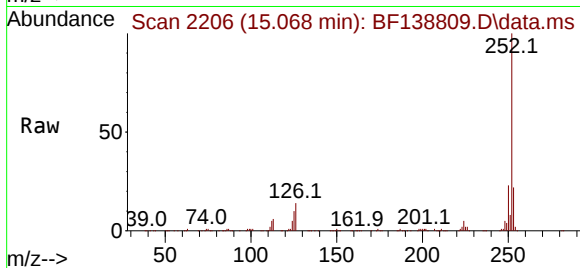
Tgt Ion:252 Resp: 283966

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.8 8.6 13.0



#90

Benzo(a)pyrene

Concen: 50.944 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

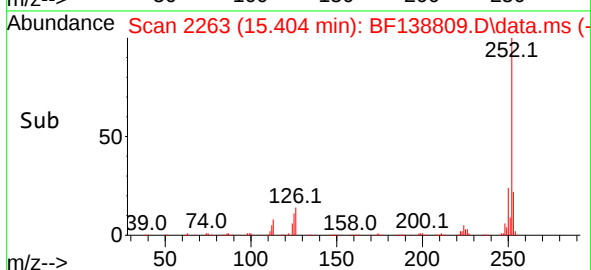
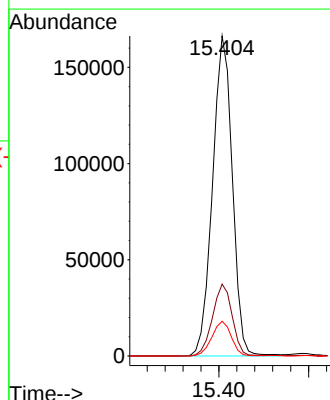
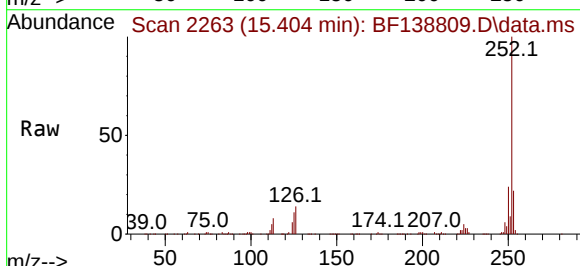
Tgt Ion:252 Resp: 254457

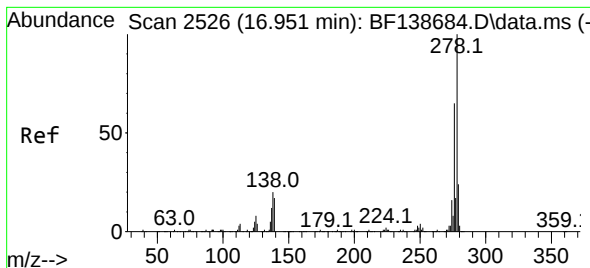
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 10.8 9.5 14.3

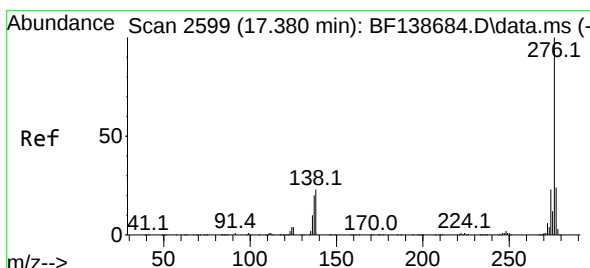
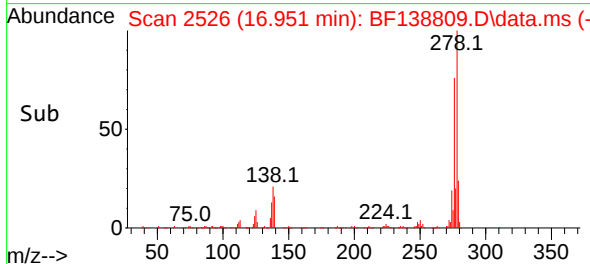
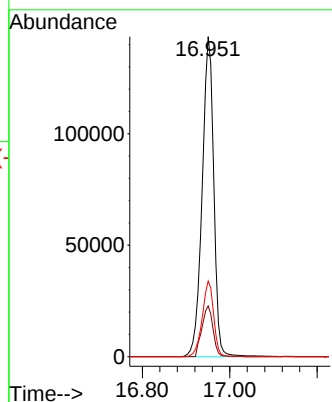
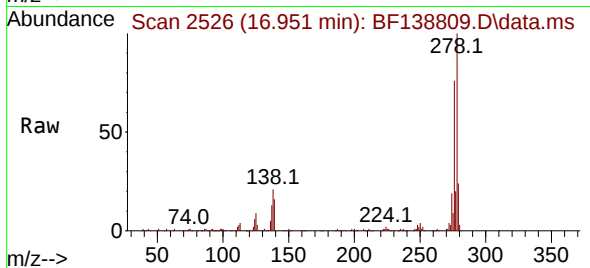




#91
 Dibenzo(a,h)anthracene
 Concen: 47.273 ng
 RT: 16.951 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF138809.D
 Acq: 06 Aug 2024 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PB162384BS

Tgt Ion:278 Resp: 266389
 Ion Ratio Lower Upper
 278 100
 139 15.8 14.0 21.0
 279 23.7 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 42.414 ng
 RT: 17.386 min Scan# 2600
 Delta R.T. 0.006 min
 Lab File: BF138809.D
 Acq: 06 Aug 2024 14:55

Tgt Ion:276 Resp: 248018
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.0 28.4
 138 21.1 18.5 27.7

