

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138609.D
 Acq On : 23 Jul 2024 10:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 10:41:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	90059	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	354562	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	185647	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	305771	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	142865	20.000	ng	-0.01
86) Perylene-d12	15.474	264	139932	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	461347	81.131	ng	-0.02
7) Phenol-d6	6.492	99	625937	82.745	ng	-0.01
23) Nitrobenzene-d5	7.422	82	584281	80.908	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	138601	79.883	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	952880	80.220	ng	-0.01
79) Terphenyl-d14	12.957	244	742244	84.640	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	105380	41.843	ng	97
3) Pyridine	3.381	79	262461	42.259	ng	97
4) n-Nitrosodimethylamine	3.346	42	161371	39.913	ng	92
6) Aniline	6.522	93	290467	40.995	ng	# 86
8) 2-Chlorophenol	6.645	128	245879	40.893	ng	98
9) Benzaldehyde	6.410	77	169903	41.962	ng	98
10) Phenol	6.510	94	327620	40.802	ng	88
11) bis(2-Chloroethyl)ether	6.592	93	249786	41.319	ng	98
12) 1,3-Dichlorobenzene	6.798	146	267998	39.652	ng	98
13) 1,4-Dichlorobenzene	6.875	146	272107	39.647	ng	99
14) 1,2-Dichlorobenzene	7.028	146	253049	39.587	ng	97
15) Benzyl Alcohol	6.998	79	232335	40.925	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	448302	37.709	ng	96
17) 2-Methylphenol	7.116	107	202568	41.107	ng	96
18) Hexachloroethane	7.363	117	102873	40.772	ng	94
19) n-Nitroso-di-n-propyla...	7.269	70	184388	39.448	ng	97
20) 3+4-Methylphenols	7.269	107	254992	41.092	ng	94
22) Acetophenone	7.269	105	343791	39.923	ng	99
24) Nitrobenzene	7.439	77	296545	40.408	ng	98
25) Isophorone	7.681	82	498174	40.170	ng	99
26) 2-Nitrophenol	7.757	139	132699	42.189	ng	99
27) 2,4-Dimethylphenol	7.792	122	166313	43.021	ng	98
28) bis(2-Chloroethoxy)met...	7.886	93	297933	40.198	ng	99
29) 2,4-Dichlorophenol	7.998	162	199033	39.647	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	221773	37.922	ng	99
31) Naphthalene	8.163	128	742463	40.264	ng	100
32) Benzoic acid	7.922	122	132689	35.987	ng	93
33) 4-Chloroaniline	8.210	127	244092	37.726	ng	99
34) Hexachlorobutadiene	8.275	225	133386	37.039	ng	99
35) Caprolactam	8.586	113	64013	39.516	ng	96
36) 4-Chloro-3-methylphenol	8.692	107	221181	39.355	ng	98
37) 2-Methylnaphthalene	8.851	142	456740	38.489	ng	100
38) 1-Methylnaphthalene	8.951	142	449501	38.813	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	204128	39.452	ng	99
41) Hexachlorocyclopentadiene	8.998	237	78345	46.650	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	130050	39.404	ng	99

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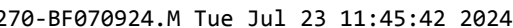
Instrument :
 BNA_F
 ClientSampleId :

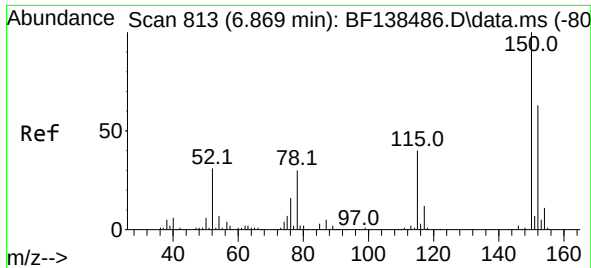
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	141133	38.879	ng	94
46) 1,1'-Biphenyl	9.316	154	570005	40.515	ng	99
47) 2-Chloronaphthalene	9.339	162	426340	40.112	ng	99
48) 2-Nitroaniline	9.439	65	155497	42.219	ng	97
49) Acenaphthylene	9.757	152	609160	40.368	ng	100
50) Dimethylphthalate	9.616	163	473364	39.433	ng	100
51) 2,6-Dinitrotoluene	9.680	165	109175	39.500	ng	90
52) Acenaphthene	9.928	154	436896	43.555	ng	99
53) 3-Nitroaniline	9.851	138	110030	38.840	ng	91
54) 2,4-Dinitrophenol	9.957	184	47191	34.625	ng	93
55) Dibenzofuran	10.098	168	577058	39.662	ng	100
56) 4-Nitrophenol	10.016	139	74320	35.556	ng	96
57) 2,4-Dinitrotoluene	10.080	165	143792	40.208	ng	97
58) Fluorene	10.439	166	457664	39.755	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	106489	37.170	ng	96
60) Diethylphthalate	10.310	149	452204	39.075	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	219672	38.001	ng	96
62) 4-Nitroaniline	10.463	138	109661	38.630	ng	99
63) Azobenzene	10.592	77	502925	40.421	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	73425	41.588	ng	82
66) n-Nitrosodiphenylamine	10.551	169	384568	41.978	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	126086	40.120	ng	99
68) Hexachlorobenzene	10.986	284	142636	40.854	ng	98
69) Atrazine	11.075	200	111335	36.656	ng	98
70) Pentachlorophenol	11.180	266	75650	36.618	ng	99
71) Phenanthrene	11.404	178	623482	40.361	ng	100
72) Anthracene	11.457	178	620427	40.460	ng	100
73) Carbazole	11.610	167	548370	39.793	ng	99
74) Di-n-butylphthalate	11.933	149	647251	40.747	ng	99
75) Fluoranthene	12.586	202	606488	38.476	ng	97
77) Benzidine	12.710	184	130140	36.105	ng	98
78) Pyrene	12.816	202	609581	42.032	ng	99
80) Butylbenzylphthalate	13.433	149	198529	45.506	ng	98
81) Benzo(a)anthracene	14.004	228	383876	40.044	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	98625	39.927	ng	# 98
83) Chrysene	14.039	228	354647	39.107	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	211962	45.555	ng	98
85) Di-n-octyl phthalate	14.598	149	285508	38.843	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	395455	42.073	ng	98
88) Benzo(b)fluoranthene	15.051	252	310643	39.419	ng	100
89) Benzo(k)fluoranthene	15.080	252	288522	37.539	ng	100
90) Benzo(a)pyrene	15.415	252	273097	39.449	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	319639	41.573	ng	99
92) Benzo(g,h,i)perylene	17.392	276	336840	41.315	ng	97

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

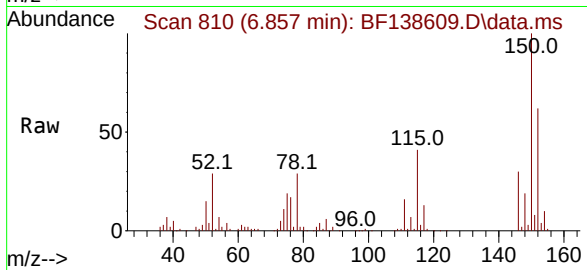
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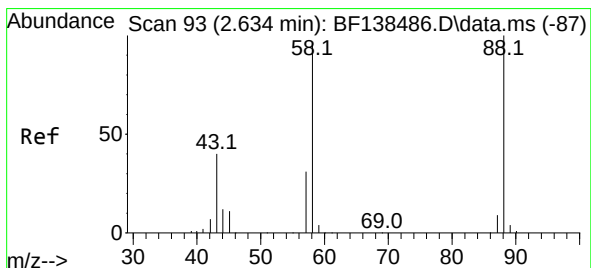
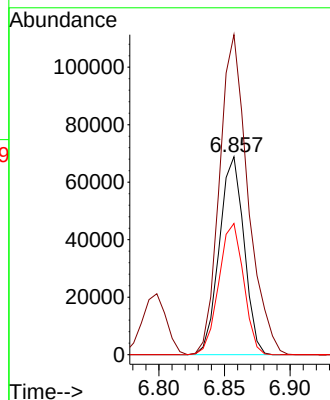
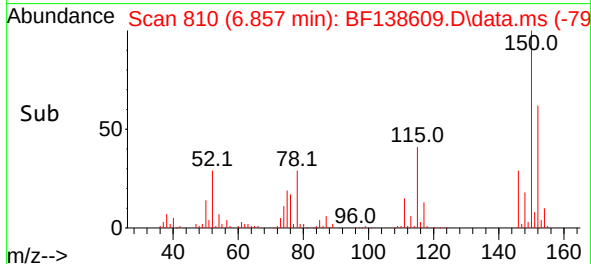


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138609.D
 Acq: 23 Jul 2024 10:22

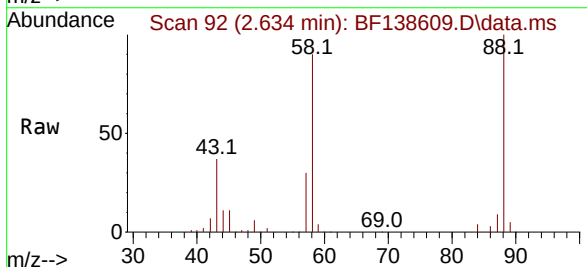
Instrument :
 BNA_F
 ClientSampleId :



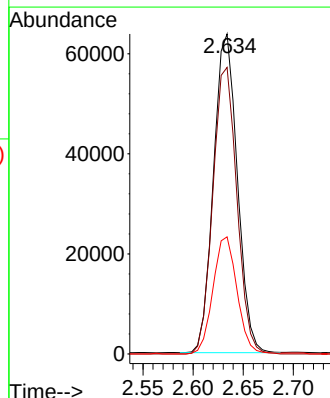
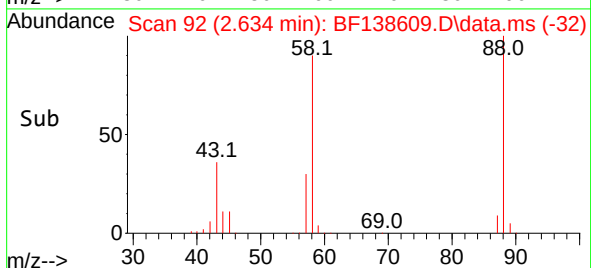
Tgt Ion:152 Resp: 90059
 Ion Ratio Lower Upper
 152 100
 150 161.7 126.2 189.4
 115 66.3 50.3 75.5

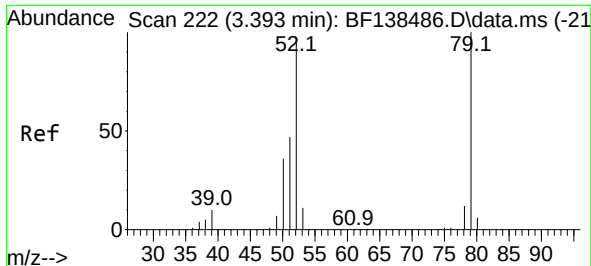


#2
 1,4-Dioxane
 Concen: 41.843 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.000 min
 Lab File: BF138609.D
 Acq: 23 Jul 2024 10:22



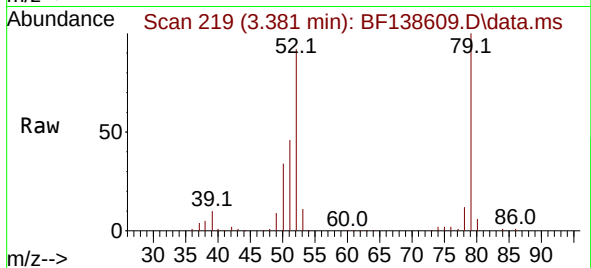
Tgt Ion: 88 Resp: 105380
 Ion Ratio Lower Upper
 88 100
 58 90.6 74.6 112.0
 43 37.1 31.8 47.6



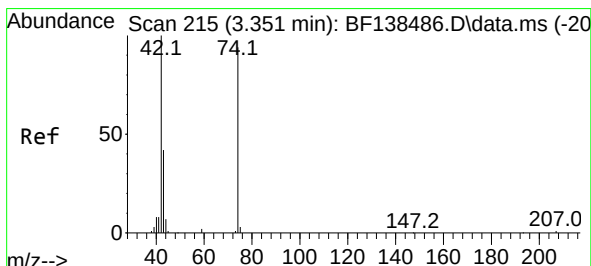
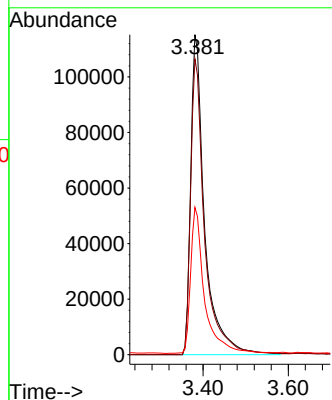
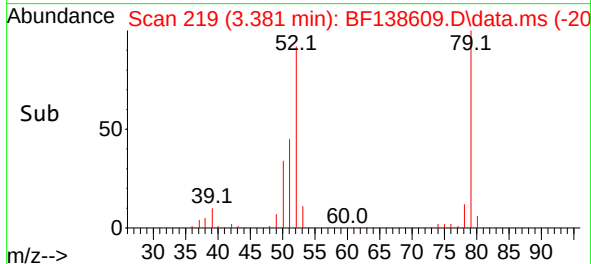


#3
Pyridine
Concen: 42.259 ng
RT: 3.381 min Scan# 213
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Instrument :
BNA_F
ClientSampleId :

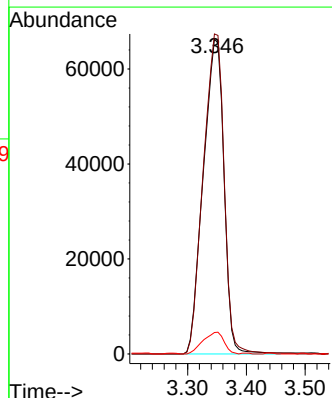
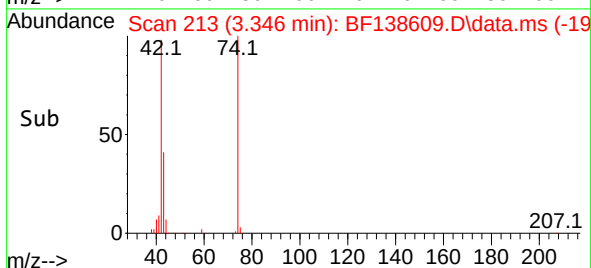
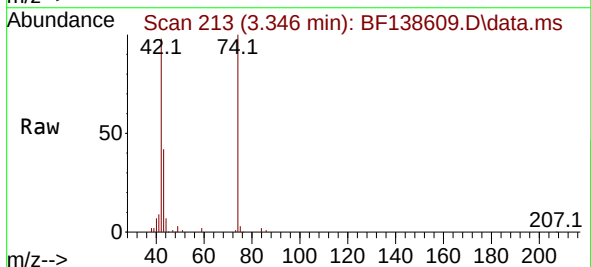


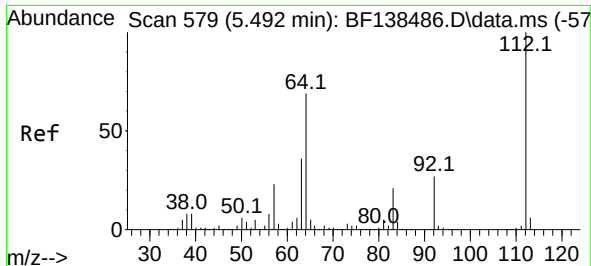
Tgt Ion: 79 Resp: 262461
Ion Ratio Lower Upper
79 100
52 92.4 77.4 116.2
51 46.0 37.4 56.0



#4
n-Nitrosodimethylamine
Concen: 39.913 ng
RT: 3.346 min Scan# 213
Delta R.T. -0.006 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion: 42 Resp: 161371
Ion Ratio Lower Upper
42 100
74 101.7 75.0 112.6
44 6.8 5.4 8.2

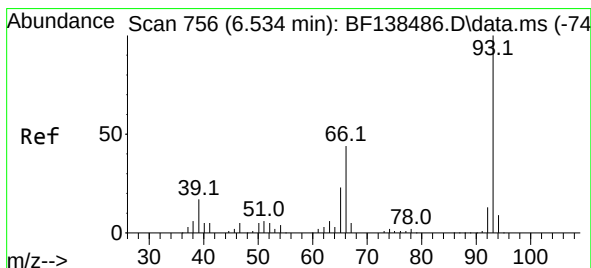
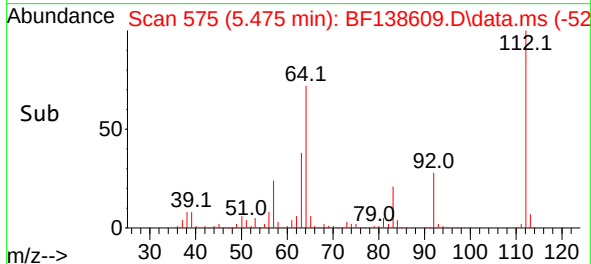
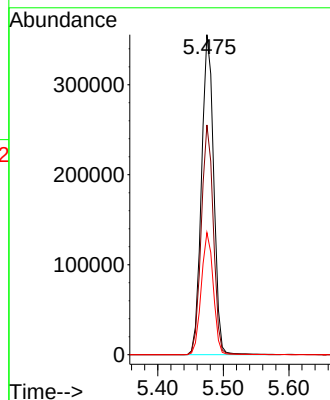
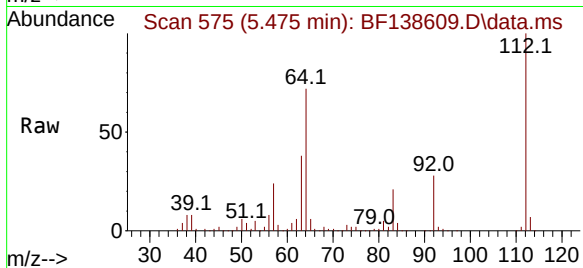




#5
2-Fluorophenol
Concen: 81.131 ng
RT: 5.475 min Scan# 51
Delta R.T. -0.018 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

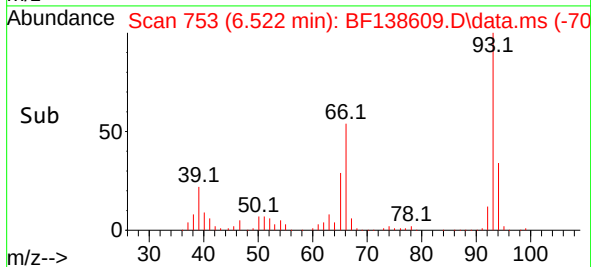
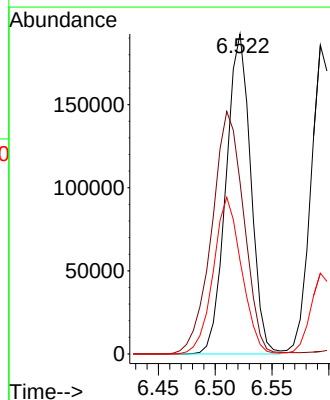
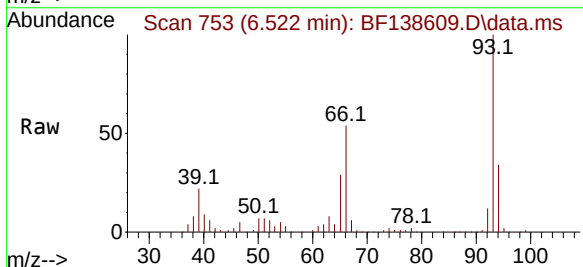
Instrument :
BNA_F
ClientSampleId :

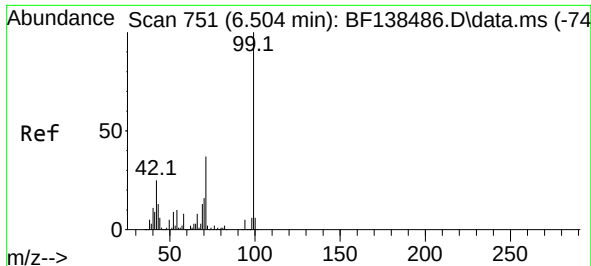
Tgt Ion:112 Resp: 461347
Ion Ratio Lower Upper
112 100
64 71.8 55.1 82.7
63 38.2 29.0 43.6



#6
Aniline
Concen: 40.995 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion: 93 Resp: 290467
Ion Ratio Lower Upper
93 100
66 53.7 35.4 53.0#
65 29.2 18.6 27.8#





#7

Phenol-d6

Concen: 82.745 ng

RT: 6.492 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

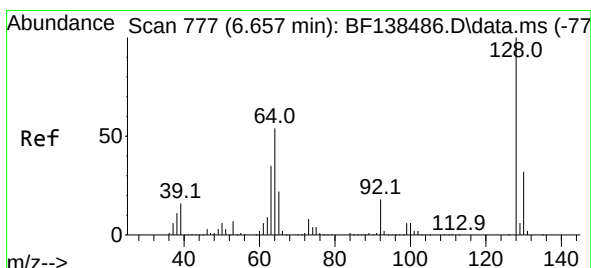
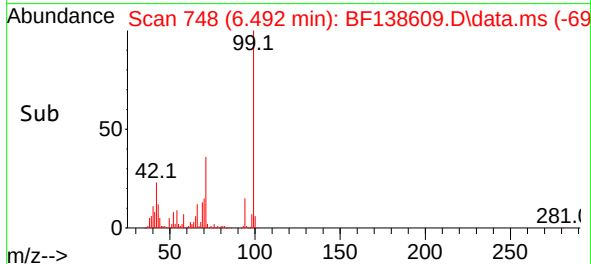
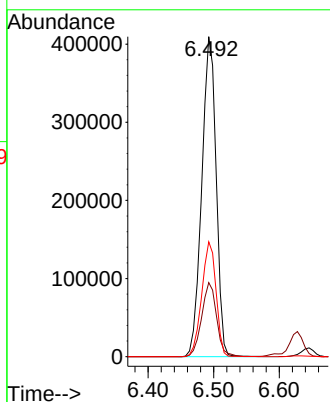
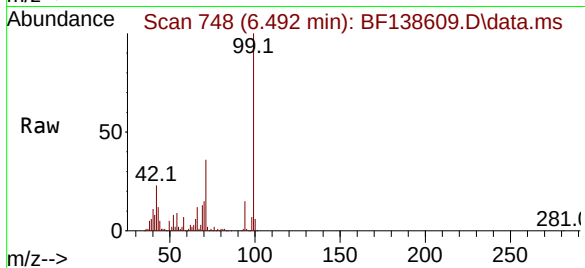
Tgt Ion: 99 Resp: 625937

Ion Ratio Lower Upper

99 100

42 23.1 19.7 29.5

71 35.9 29.9 44.9



#8

2-Chlorophenol

Concen: 40.893 ng

RT: 6.645 min Scan# 774

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

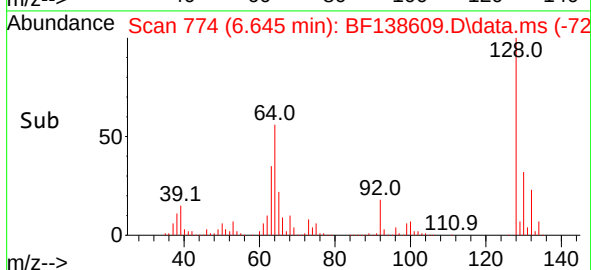
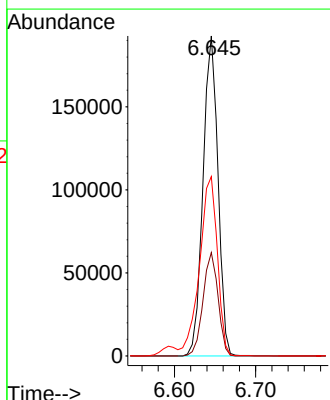
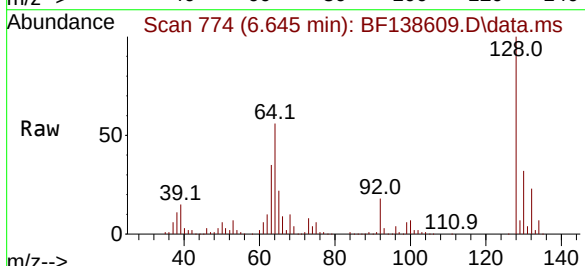
Tgt Ion:128 Resp: 245879

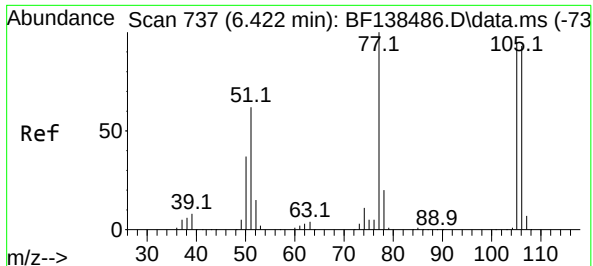
Ion Ratio Lower Upper

128 100

130 32.3 12.1 52.1

64 56.0 34.4 74.4

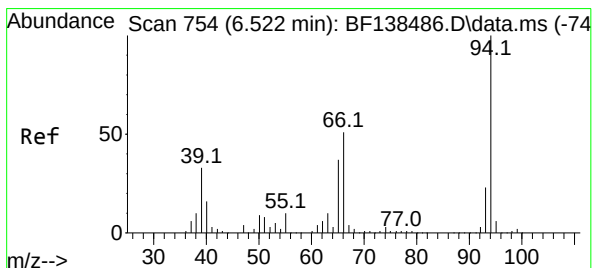
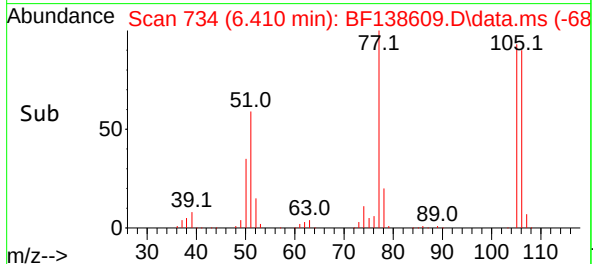
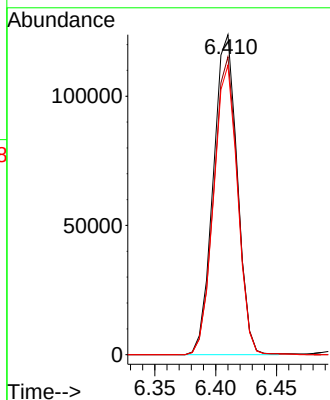
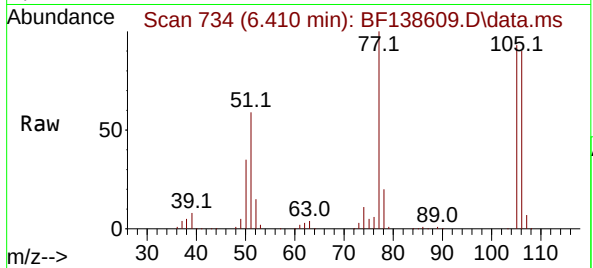




#9
Benzaldehyde
Concen: 41.962 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

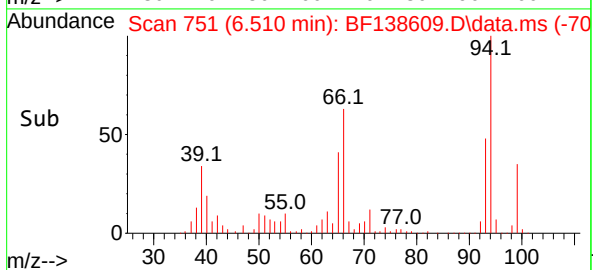
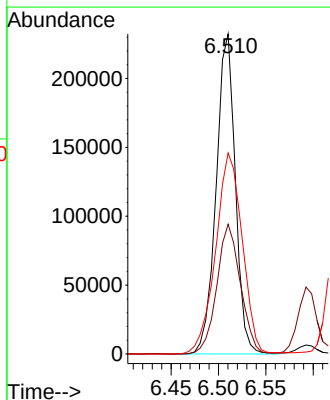
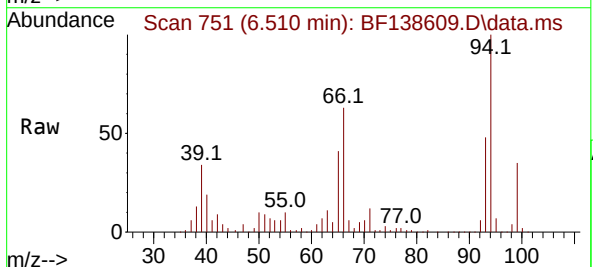
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BNA_F
ClientSampleId :

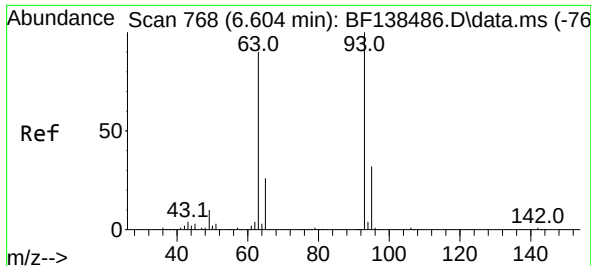
Tgt Ion: 77 Resp: 169903
Ion Ratio Lower Upper
77 100
105 93.1 75.1 115.1
106 90.4 73.2 113.2



#10
Phenol
Concen: 40.802 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion: 94 Resp: 327620
Ion Ratio Lower Upper
94 100
65 40.6 16.7 56.7
66 62.8 31.2 71.2

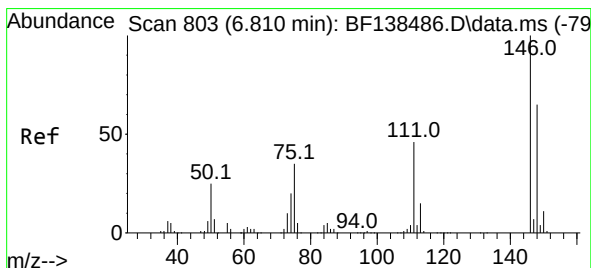
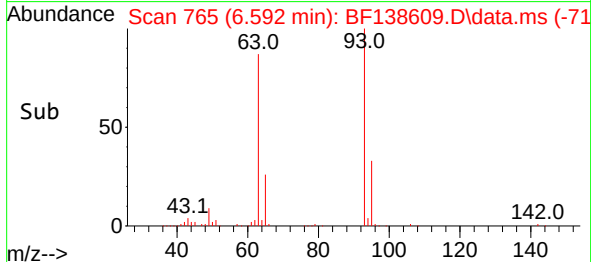
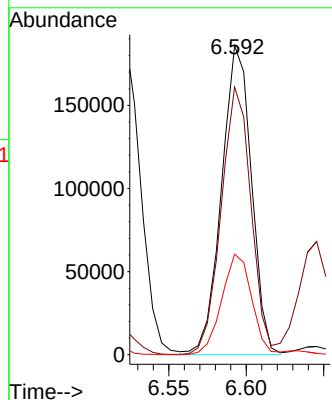
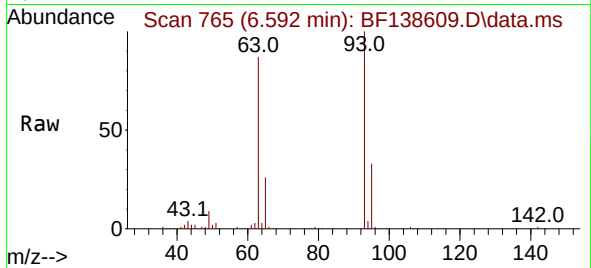




#11
bis(2-Chloroethyl)ether
Concen: 41.319 ng
RT: 6.592 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

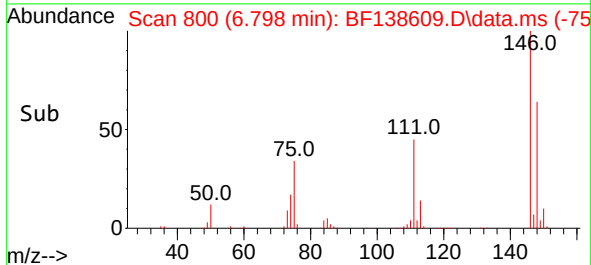
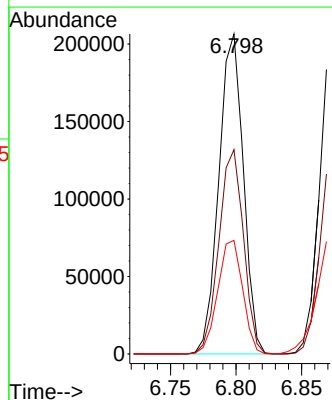
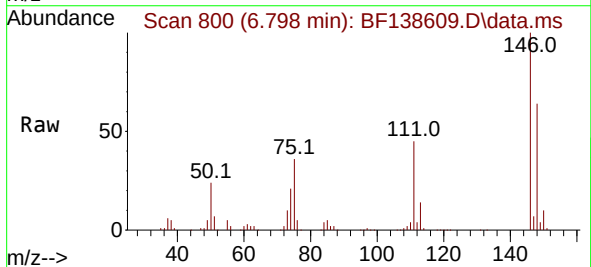
Instrument :
BNA_F
ClientSampleId :

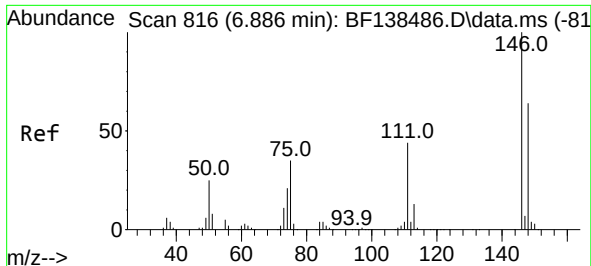
Tgt Ion: 93 Resp: 249786
Ion Ratio Lower Upper
93 100
63 86.6 68.8 108.8
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.652 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:146 Resp: 267998
Ion Ratio Lower Upper
146 100
148 63.8 52.4 78.6
75 35.5 27.8 41.8

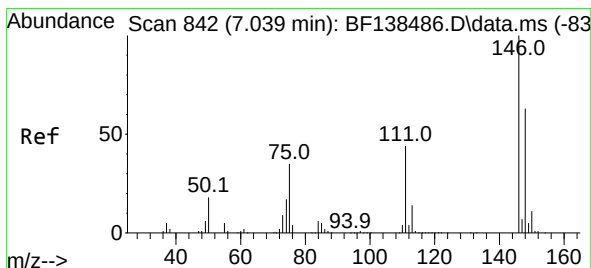
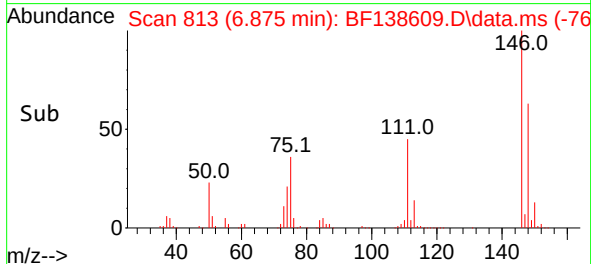
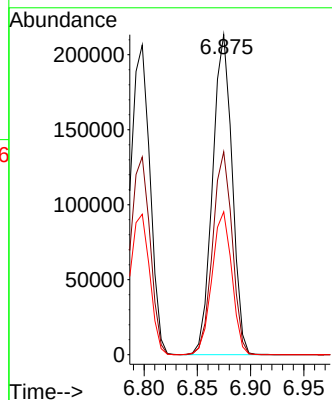
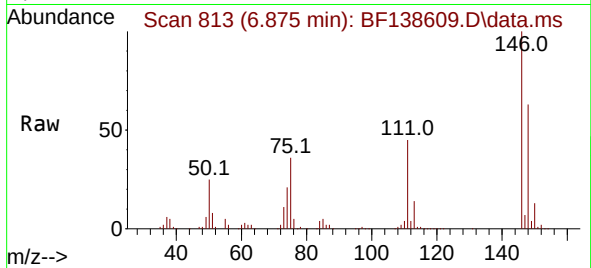




#13
1,4-Dichlorobenzene
Concen: 39.647 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

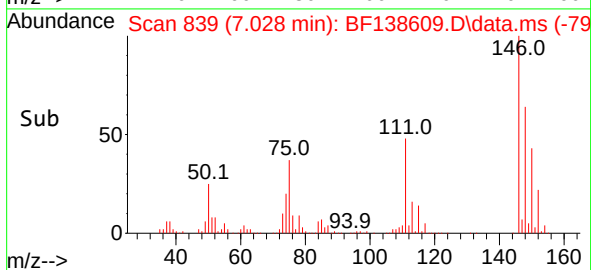
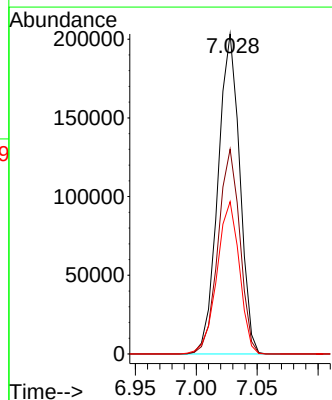
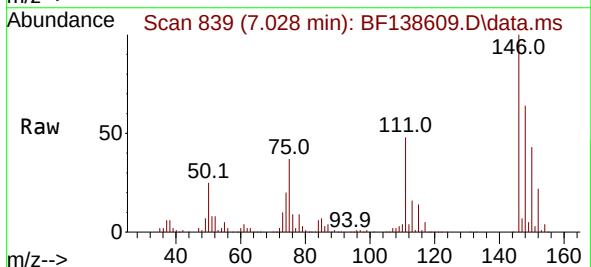
Instrument :
BNA_F
ClientSampleId :

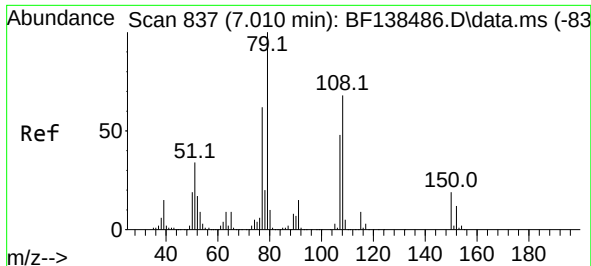
Tgt Ion:146 Resp: 272107
Ion Ratio Lower Upper
146 100
148 63.4 51.6 77.4
111 44.7 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 39.587 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:146 Resp: 253049
Ion Ratio Lower Upper
146 100
148 64.0 50.1 75.1
111 47.6 35.5 53.3

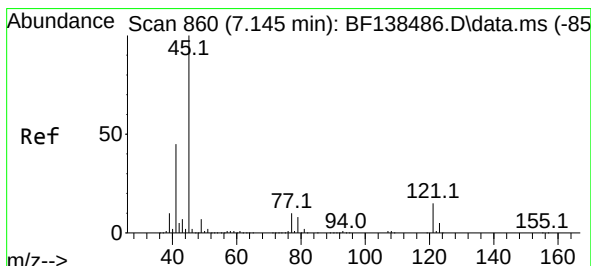
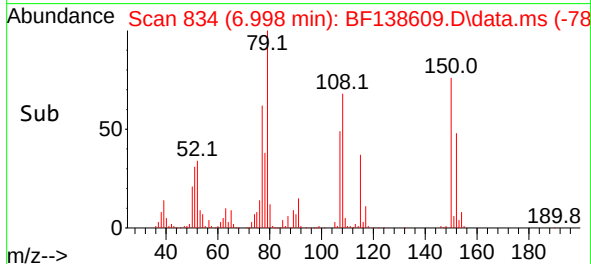
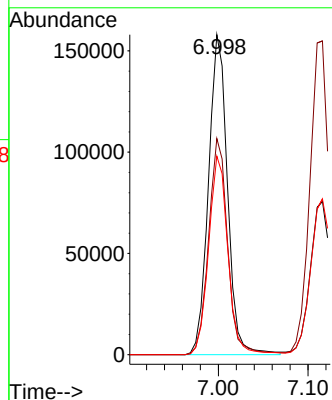
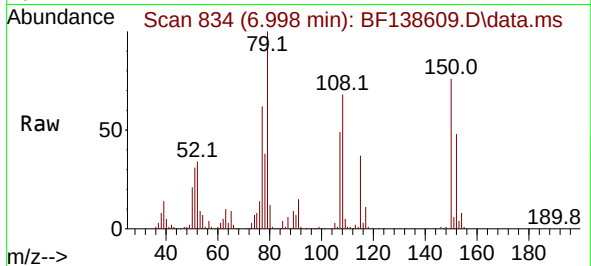




#15
Benzyl Alcohol
Concen: 40.925 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

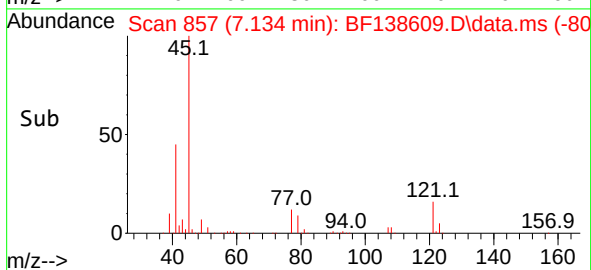
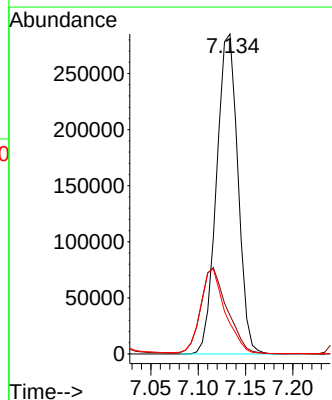
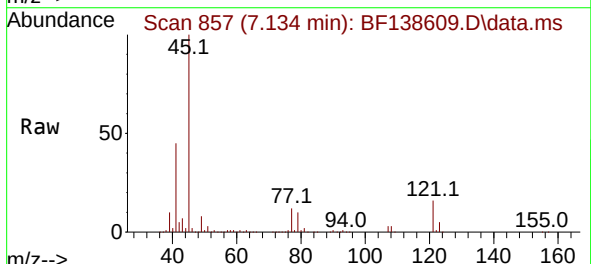
Instrument :
BNA_F
ClientSampleId :

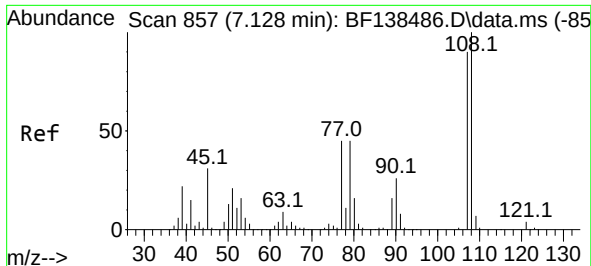
Tgt Ion: 79 Resp: 232335
Ion Ratio Lower Upper
79 100
108 67.5 54.3 81.5
77 62.1 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.709 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion: 45 Resp: 448302
Ion Ratio Lower Upper
45 100
77 12.0 0.0 30.4
79 9.5 0.0 28.1





#17

2-Methylphenol

Concen: 41.107 ng

RT: 7.116 min Scan# 81

Delta R.T. -0.012 min

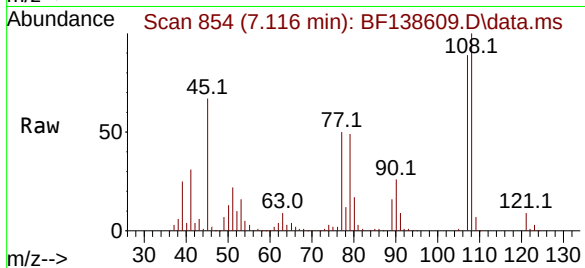
Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:107 Resp: 202568

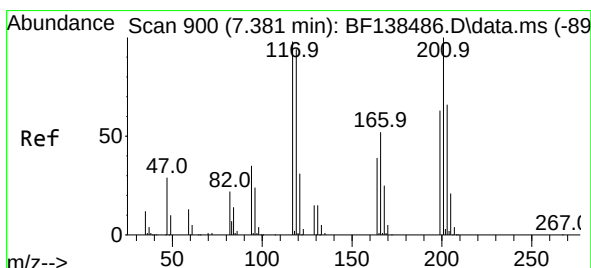
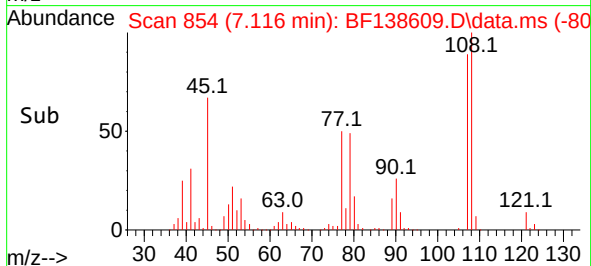
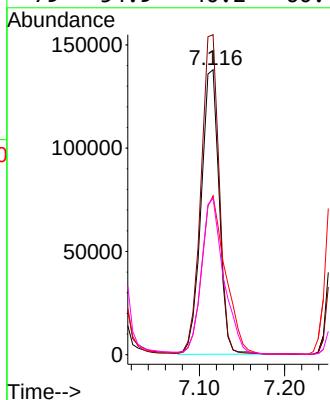
Ion Ratio Lower Upper

107 100

108 112.3 89.0 133.4

77 55.8 40.3 60.5

79 54.9 40.2 60.4



#18

Hexachloroethane

Concen: 40.772 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

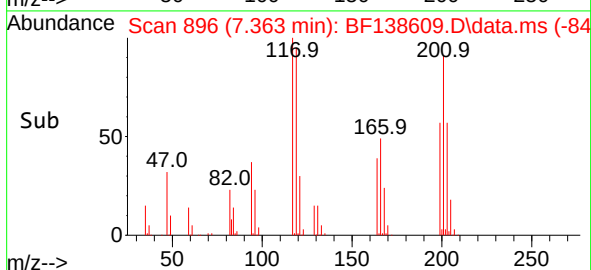
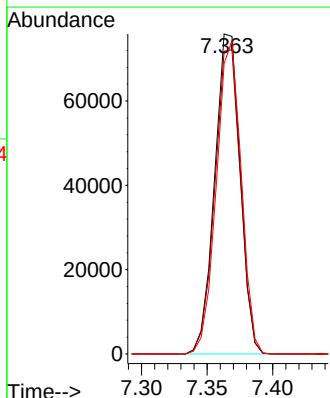
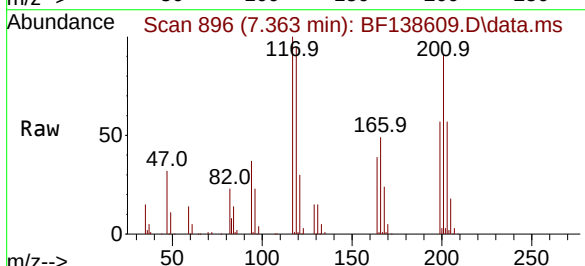
Tgt Ion:117 Resp: 102873

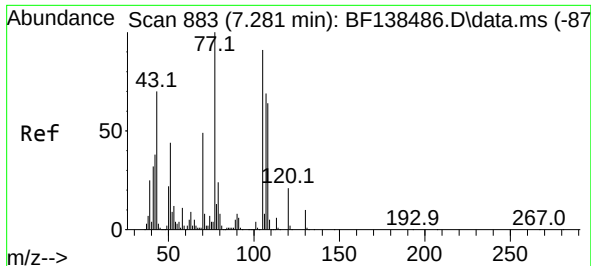
Ion Ratio Lower Upper

117 100

119 94.6 76.6 114.8

201 90.8 81.4 122.0

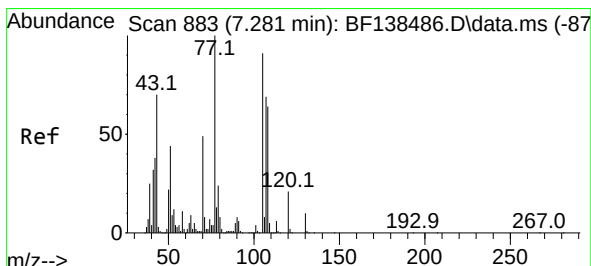
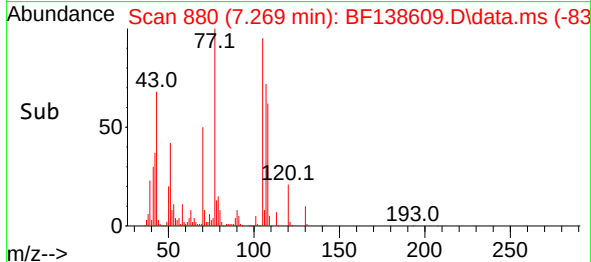
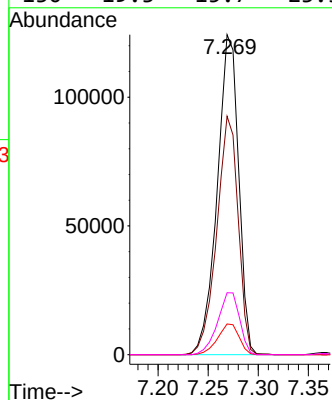
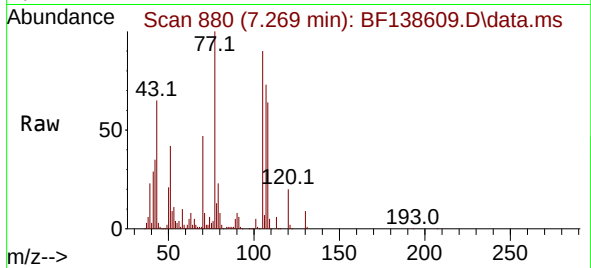




#19
n-Nitroso-di-n-propylamine
Concen: 39.448 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

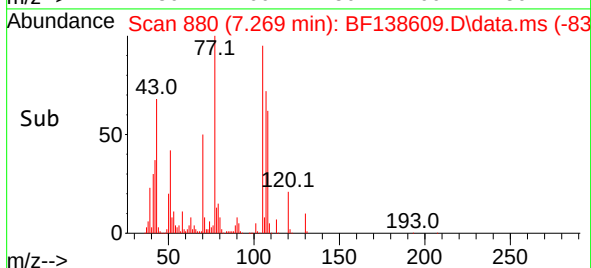
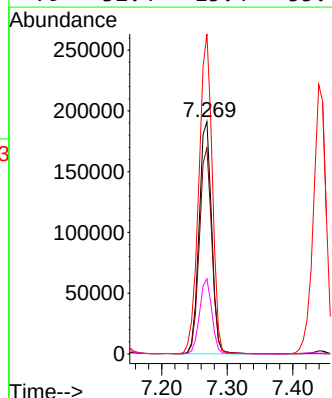
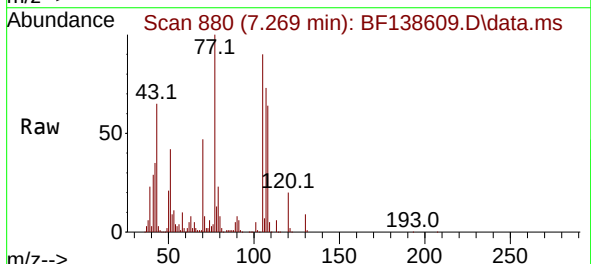
Instrument :
BNA_F
ClientSampleId :

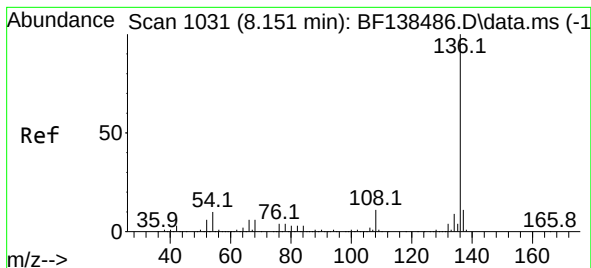
Tgt Ion: 70 Resp: 184388
Ion Ratio Lower Upper
70 100
42 74.5 62.4 93.6
101 9.6 7.2 10.8
130 19.3 15.7 23.5



#20
3+4-Methylphenols
Concen: 41.092 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:107 Resp: 254992
Ion Ratio Lower Upper
107 100
108 88.8 73.7 113.7
77 137.9 126.0 166.0
79 32.4 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.012 min

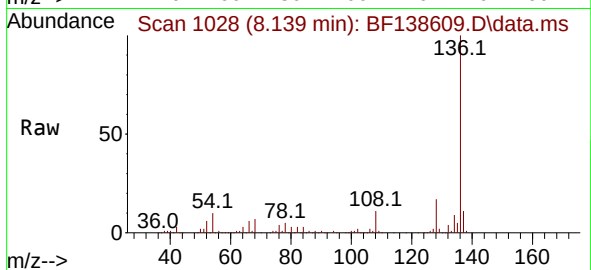
Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 354562

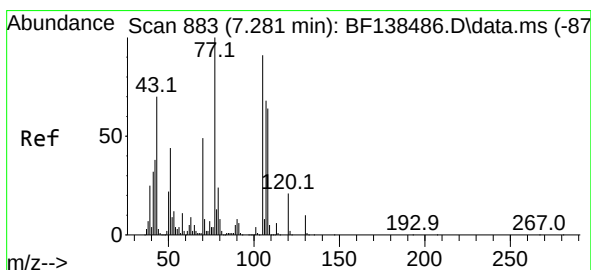
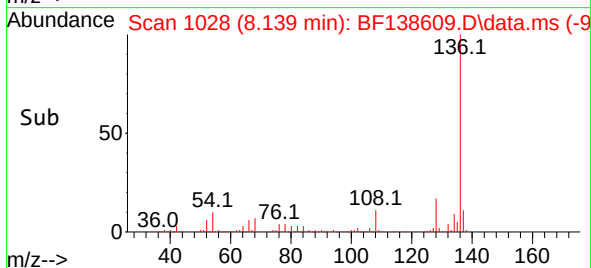
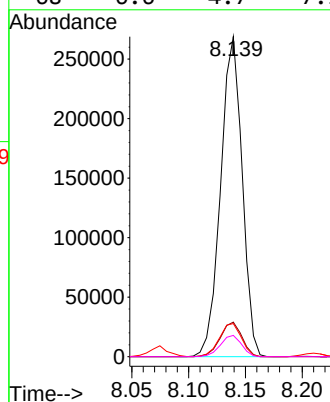
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.4 8.1 12.1

68 6.6 4.7 7.1



#22

Acetophenone

Concen: 39.923 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Tgt Ion:105 Resp: 343791

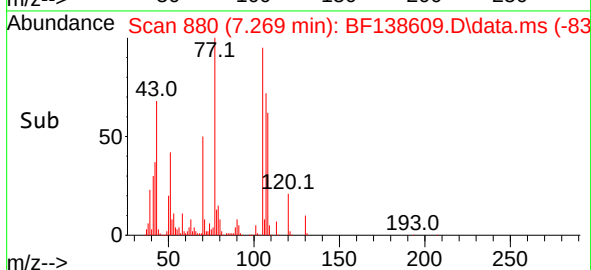
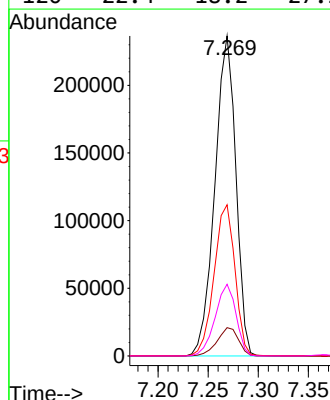
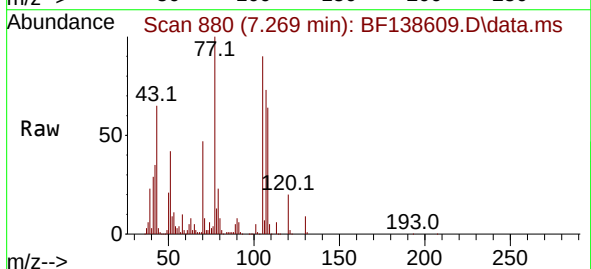
Ion Ratio Lower Upper

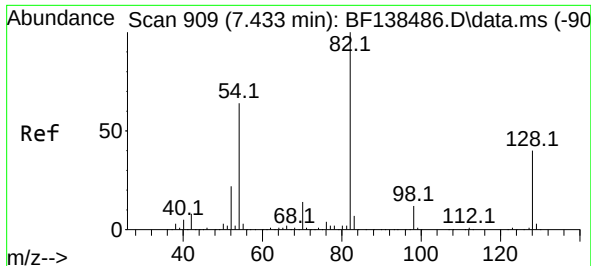
105 100

71 8.8 7.4 11.2

51 47.3 38.7 58.1

120 22.4 18.2 27.2





#23

Nitrobenzene-d5

Concen: 80.908 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

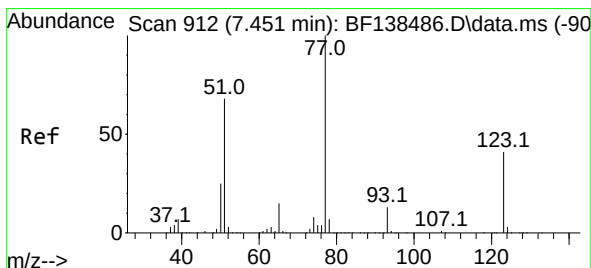
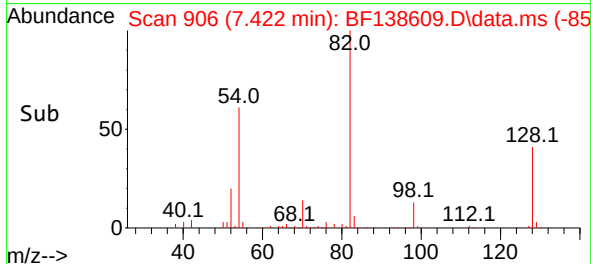
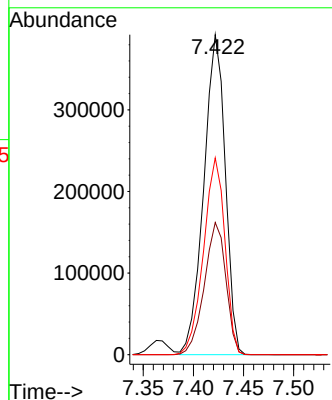
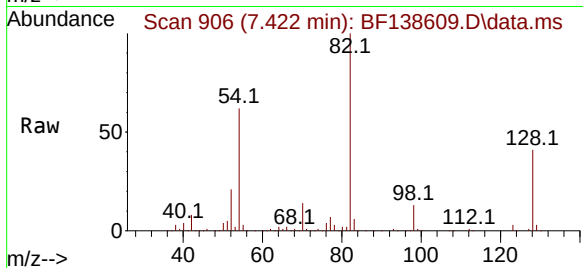
Tgt Ion: 82 Resp: 584281

Ion Ratio Lower Upper

82 100

128 41.3 32.3 48.5

54 61.5 51.4 77.0



#24

Nitrobenzene

Concen: 40.408 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

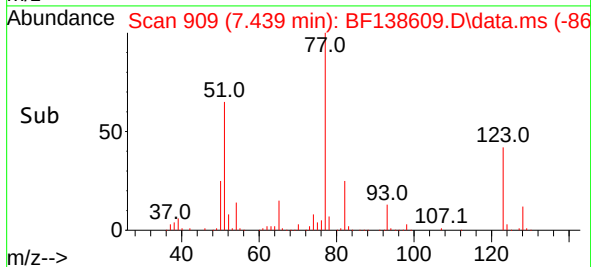
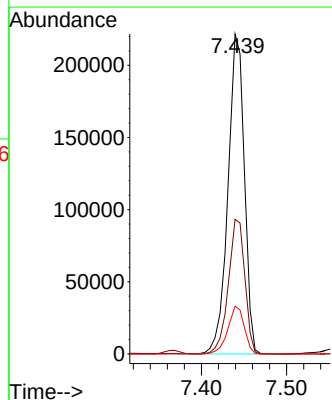
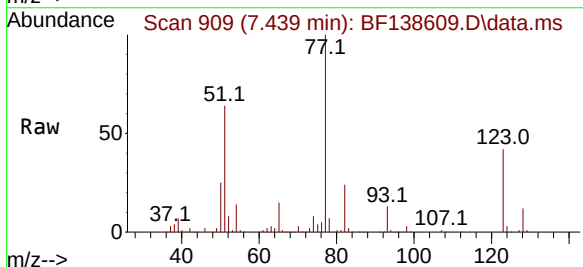
Tgt Ion: 77 Resp: 296545

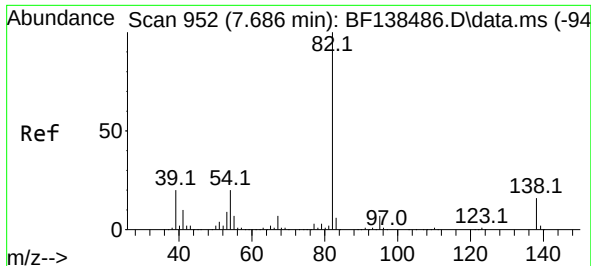
Ion Ratio Lower Upper

77 100

123 42.1 32.4 48.6

65 14.9 11.8 17.8

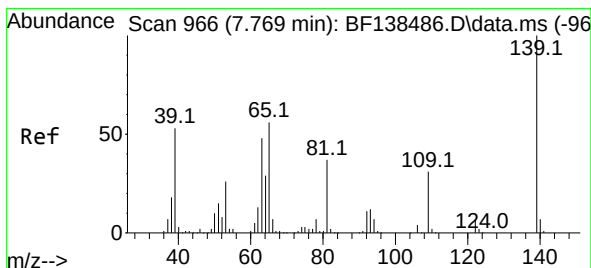
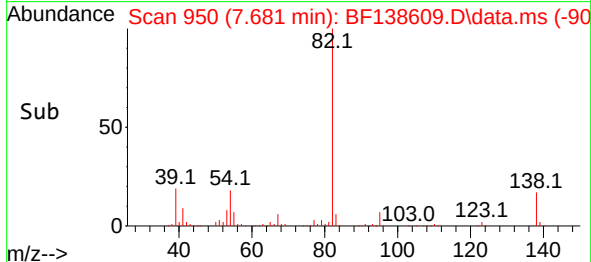
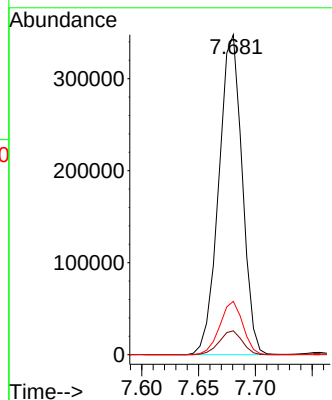
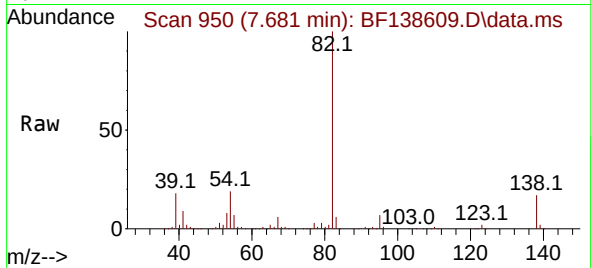




#25
Isophorone
Concen: 40.170 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

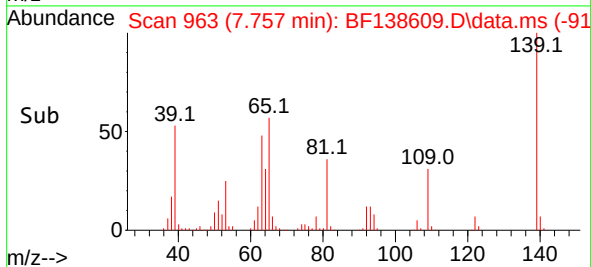
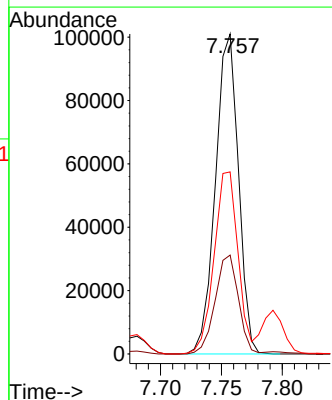
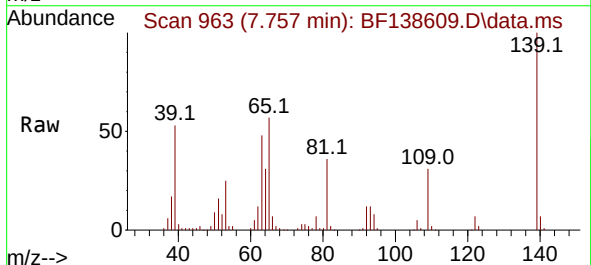
Instrument :
BNA_F
ClientSampleId :

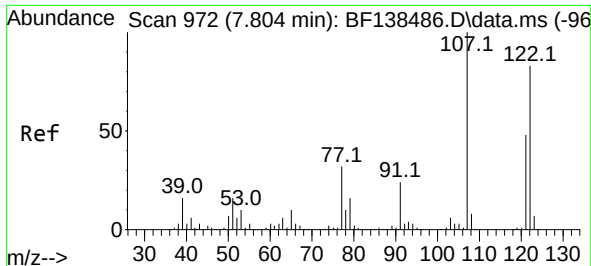
Tgt Ion: 82 Resp: 498174
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.6 12.8 19.2



#26
2-Nitrophenol
Concen: 42.189 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:139 Resp: 132699
Ion Ratio Lower Upper
139 100
109 30.9 24.8 37.2
65 56.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 43.021 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

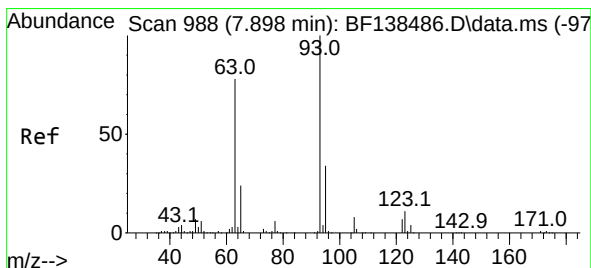
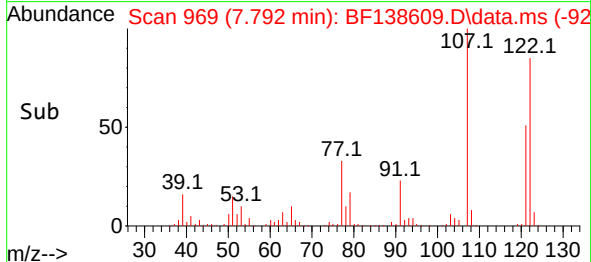
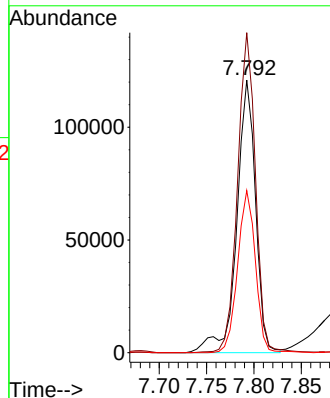
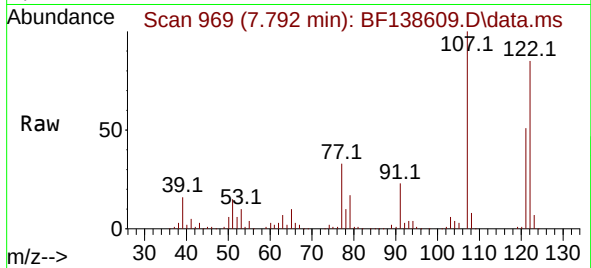
Tgt Ion:122 Resp: 166313

Ion Ratio Lower Upper

122 100

107 117.4 96.3 144.5

121 59.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.198 ng

RT: 7.886 min Scan# 985

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

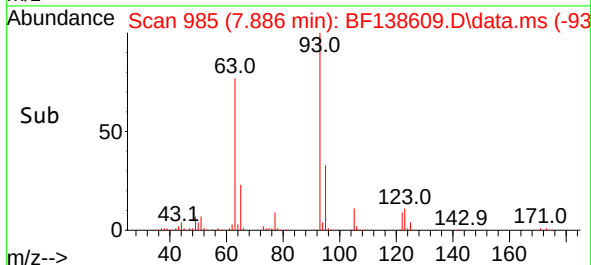
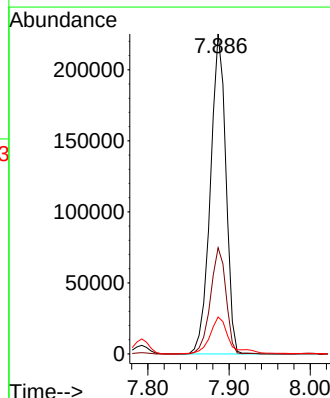
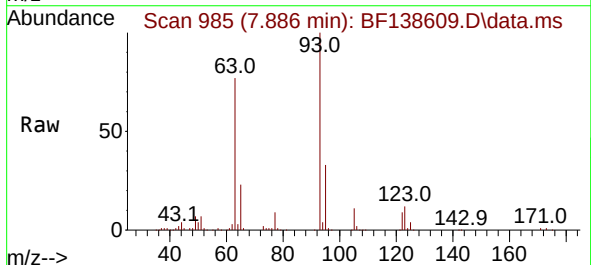
Tgt Ion: 93 Resp: 297933

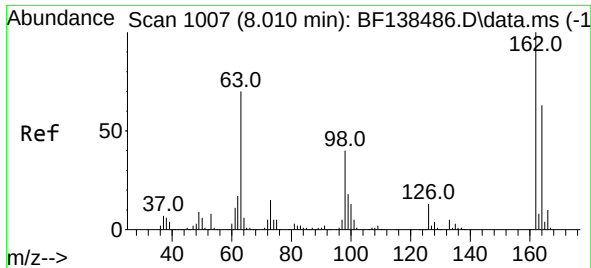
Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.6

123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.647 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

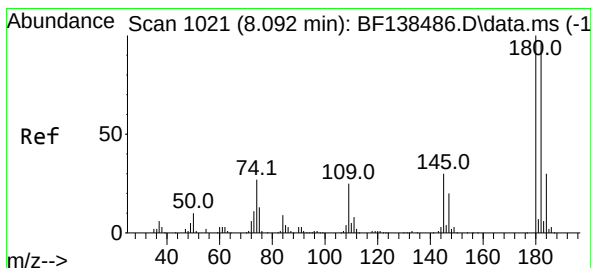
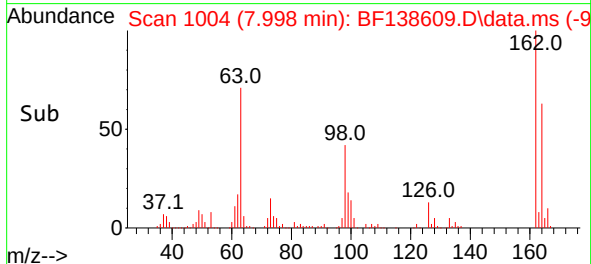
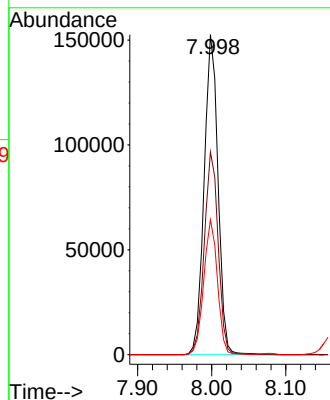
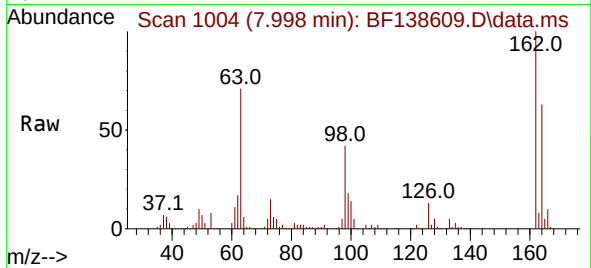
Tgt Ion:162 Resp: 199033

Ion Ratio Lower Upper

162 100

164 63.4 42.6 82.6

98 42.2 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 37.922 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

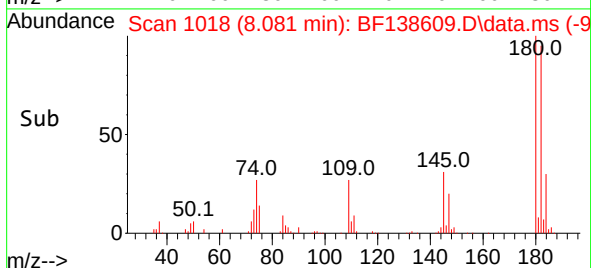
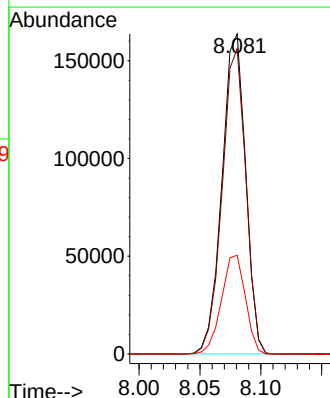
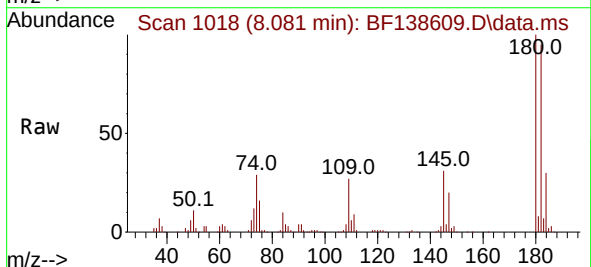
Tgt Ion:180 Resp: 221773

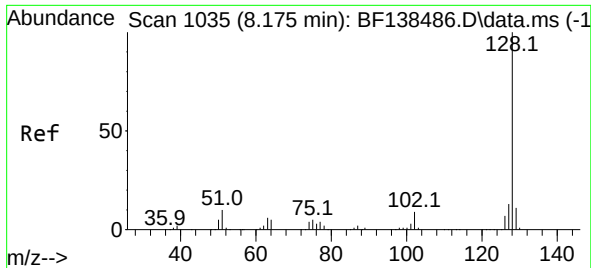
Ion Ratio Lower Upper

180 100

182 95.4 76.9 115.3

145 30.8 23.9 35.9

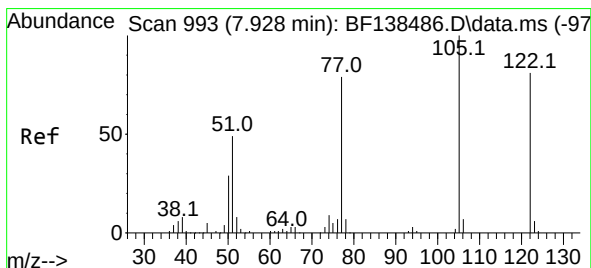
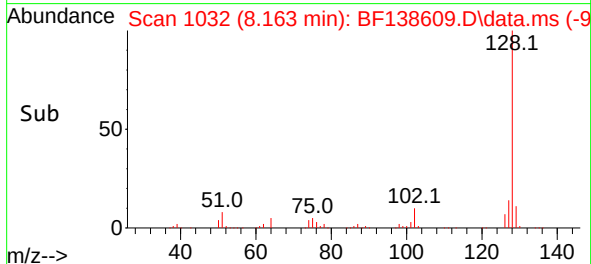
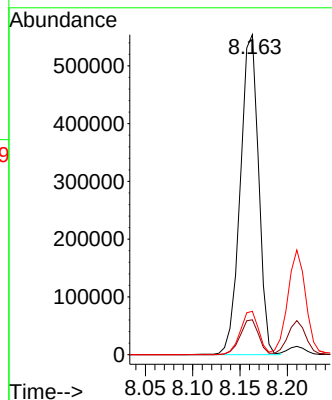
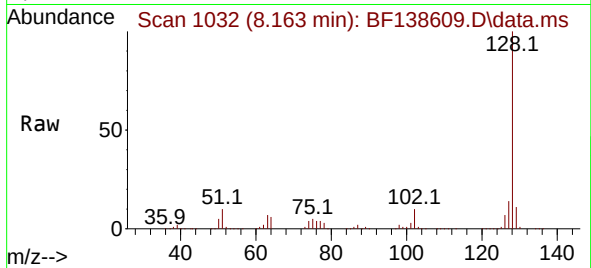




#31
Naphthalene
Concen: 40.264 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

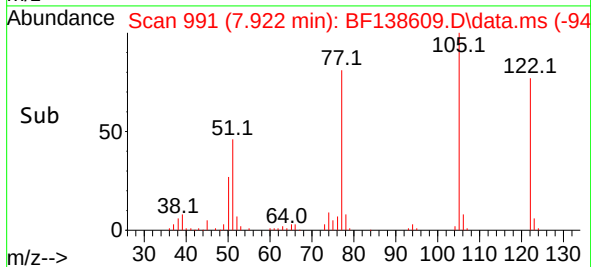
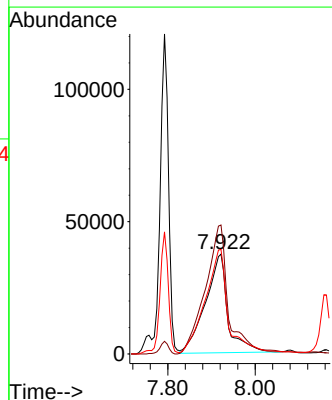
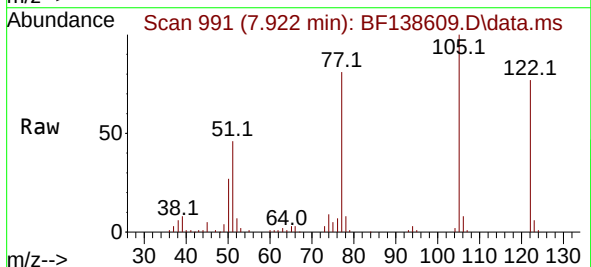
Instrument :
BNA_F
ClientSampleId :

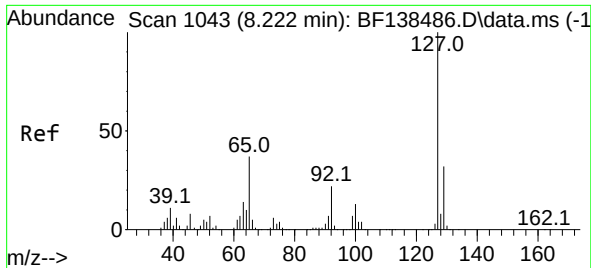
Tgt Ion:128 Resp: 742463
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 35.987 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:122 Resp: 132689
Ion Ratio Lower Upper
122 100
105 129.3 101.5 141.5
77 104.6 77.3 117.3

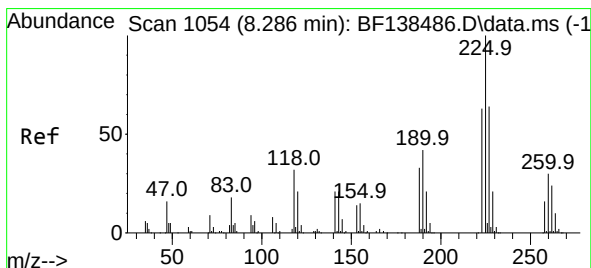
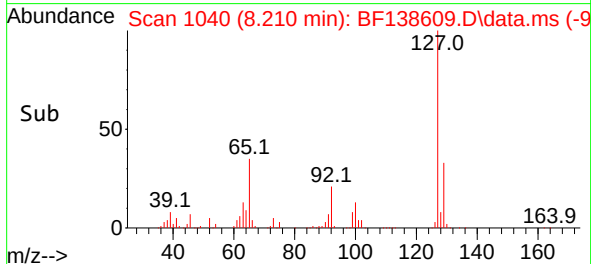
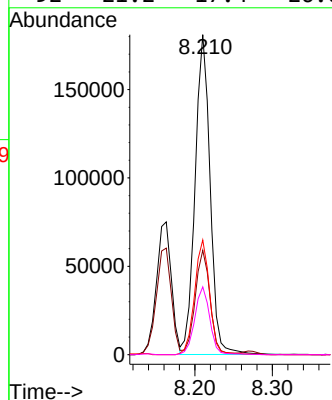
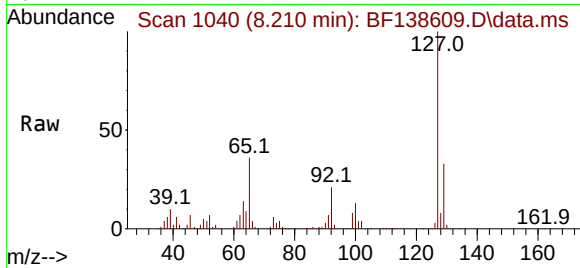




#33
4-Chloroaniline
Concen: 37.726 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

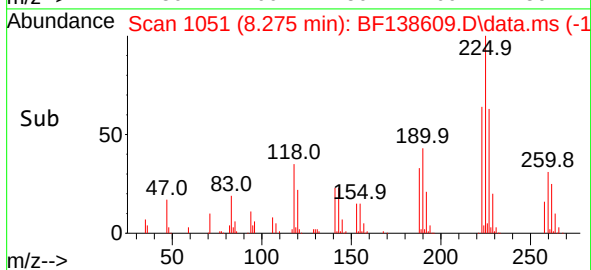
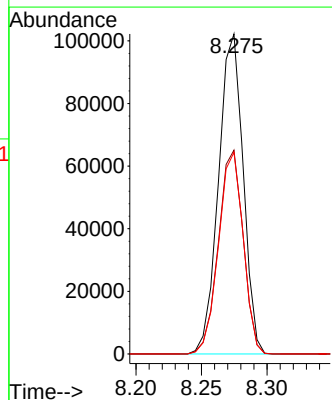
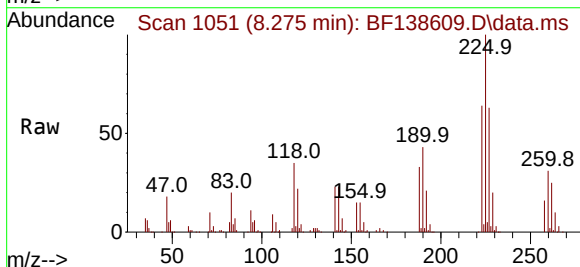
Instrument :
BNA_F
ClientSampleId :

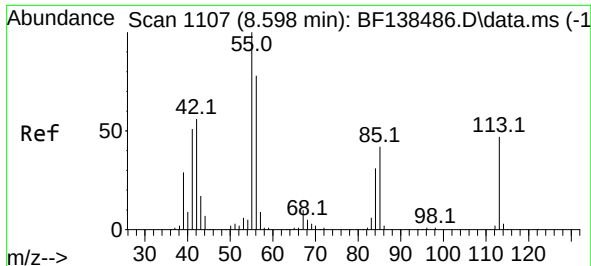
Tgt	Ion:127	Resp:	244092
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.6	38.4
65	35.9	29.6	44.4
92	21.2	17.4	26.0



#34
Hexachlorobutadiene
Concen: 37.039 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt	Ion:225	Resp:	133386
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.0	75.0
227	63.0	51.0	76.6

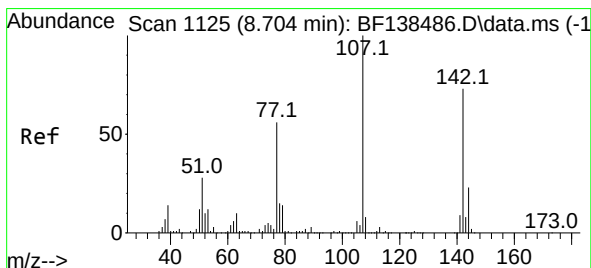
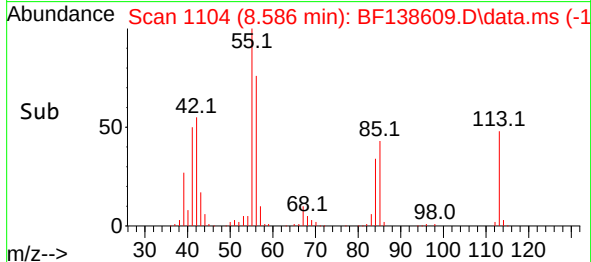
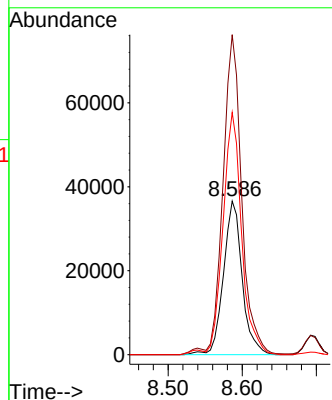
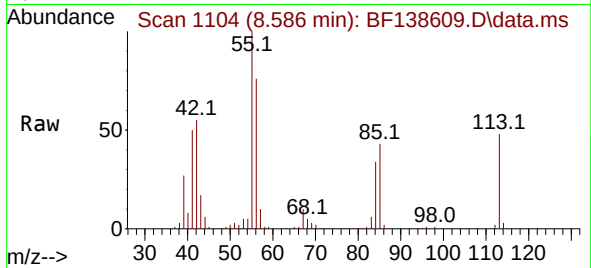




#35
 Caprolactam
 Concen: 39.516 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.012 min
 Lab File: BF138609.D
 Acq: 23 Jul 2024 10:22

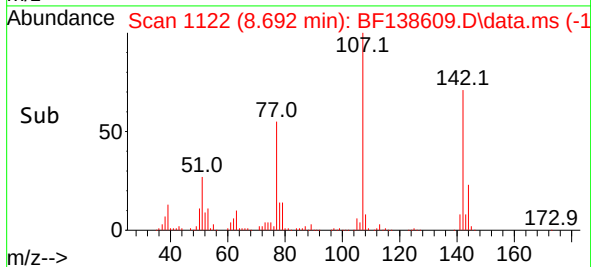
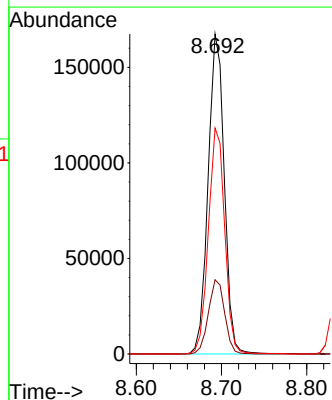
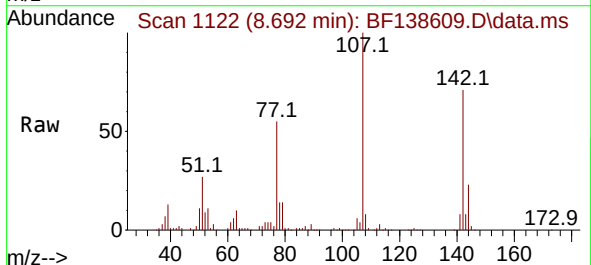
Instrument :
 BNA_F
 ClientSampleId :

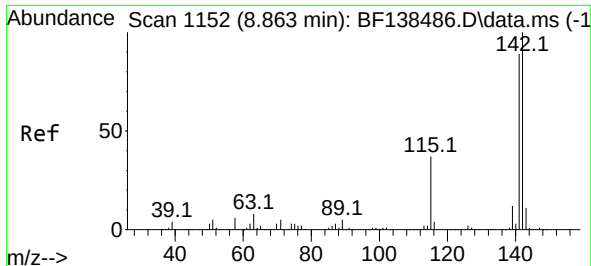
Tgt Ion:113 Resp: 64013
 Ion Ratio Lower Upper
 113 100
 55 208.3 192.5 232.5
 56 157.7 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.355 ng
 RT: 8.692 min Scan# 1122
 Delta R.T. -0.012 min
 Lab File: BF138609.D
 Acq: 23 Jul 2024 10:22

Tgt Ion:107 Resp: 221181
 Ion Ratio Lower Upper
 107 100
 144 23.2 18.6 27.8
 142 70.6 58.6 88.0

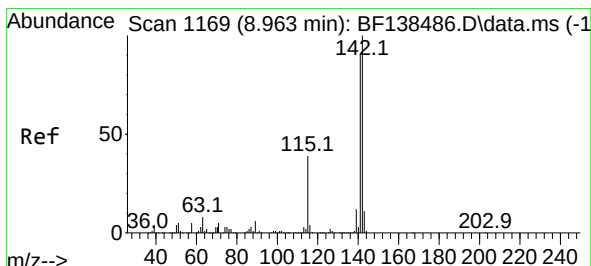
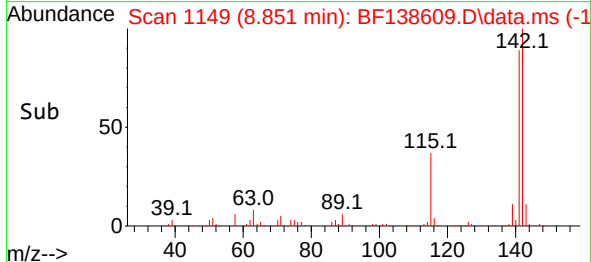
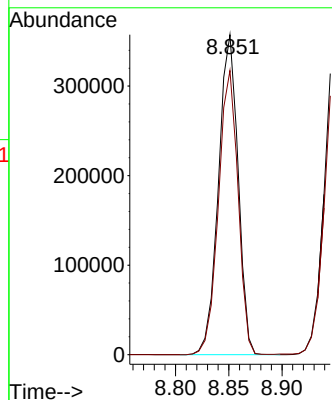
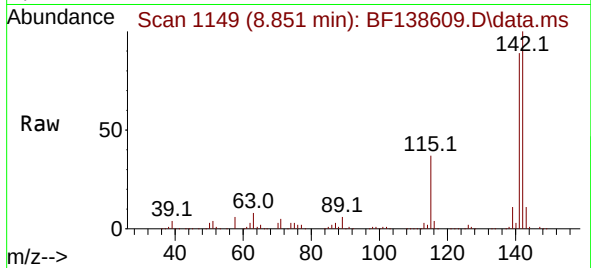




#37
2-Methylnaphthalene
Concen: 38.489 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

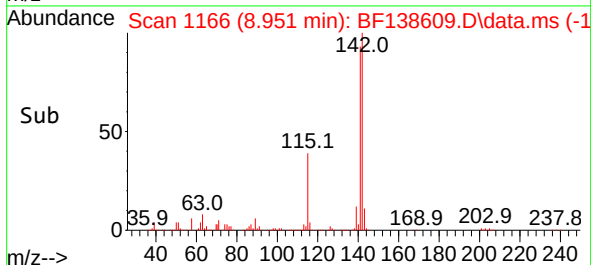
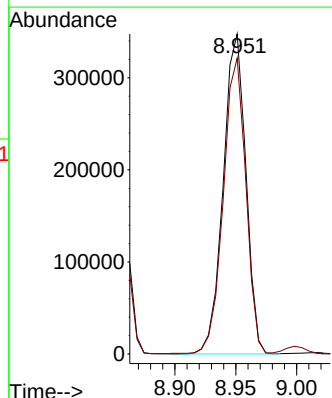
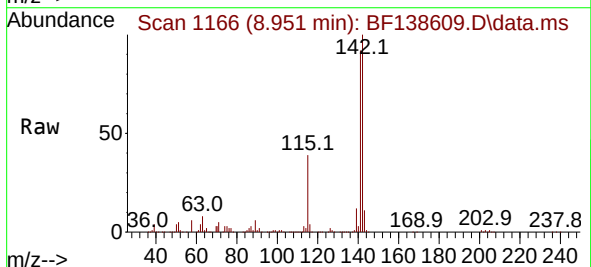
Instrument :
BNA_F
ClientSampleId :

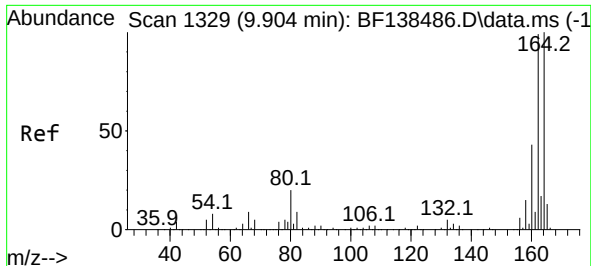
Tgt Ion:142 Resp: 456740
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0



#38
1-Methylnaphthalene
Concen: 38.813 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:142 Resp: 449501
Ion Ratio Lower Upper
142 100
141 92.4 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. -0.012 min

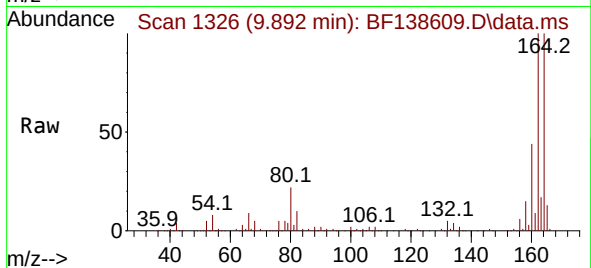
Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :



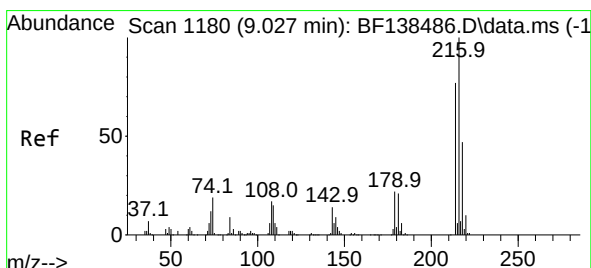
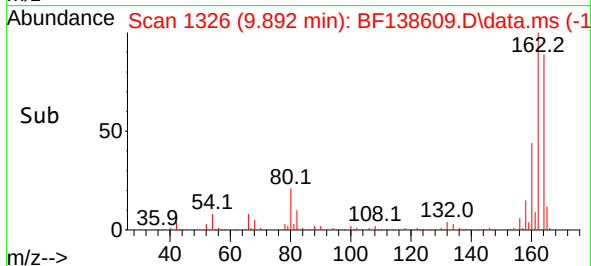
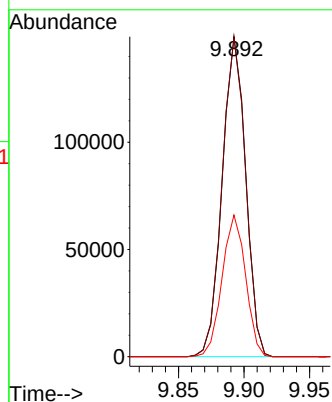
Tgt Ion:164 Resp: 185647

Ion Ratio Lower Upper

164 100

162 99.7 79.0 118.6

160 44.2 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.452 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Tgt Ion:216 Resp: 204128

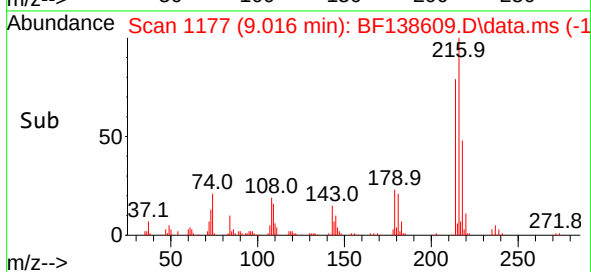
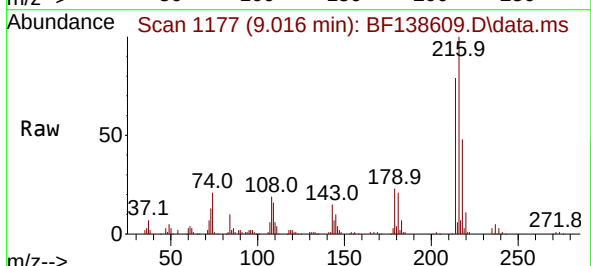
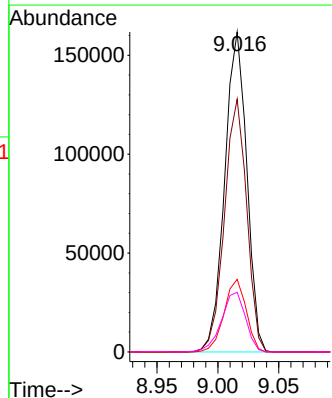
Ion Ratio Lower Upper

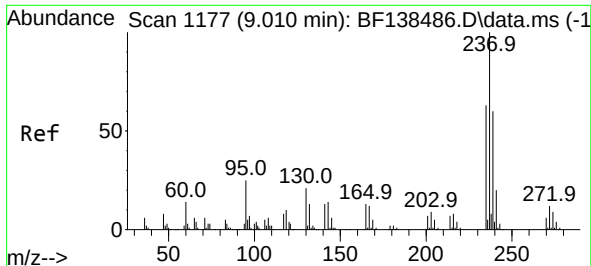
216 100

214 79.4 62.8 94.2

179 22.7 17.7 26.5

108 20.4 15.5 23.3

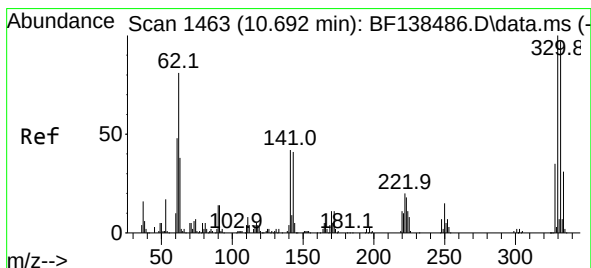
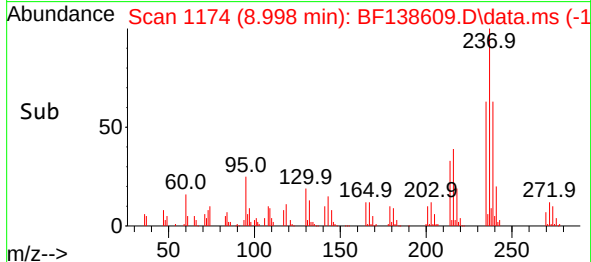
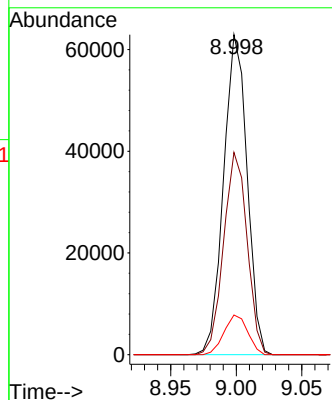
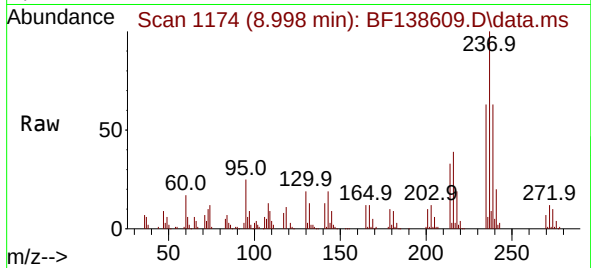




#41
Hexachlorocyclopentadiene
Concen: 46.650 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

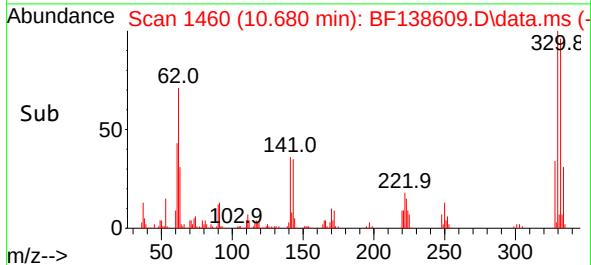
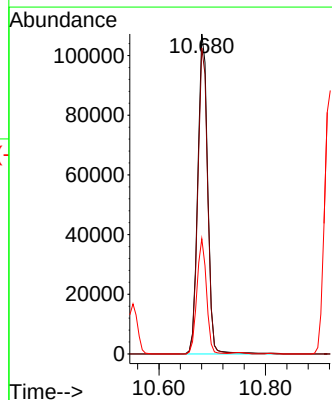
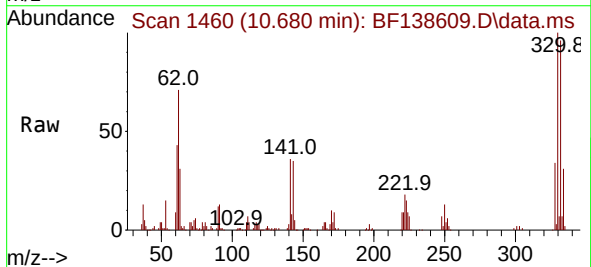
Instrument :
BNA_F
ClientSampleId :

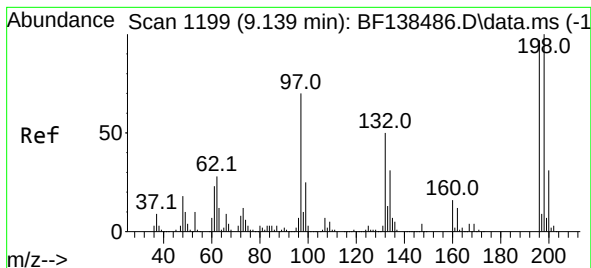
Tgt Ion:237 Resp: 78345
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 12.4 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 79.883 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:330 Resp: 138601
Ion Ratio Lower Upper
330 100
332 94.5 76.8 115.2
141 34.7 29.4 44.2





#43

2,4,6-Trichlorophenol

Concen: 39.404 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

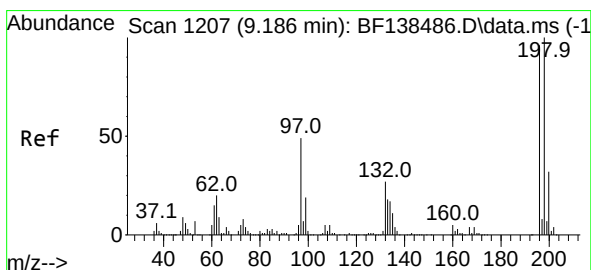
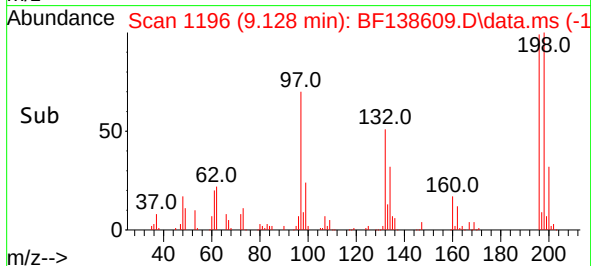
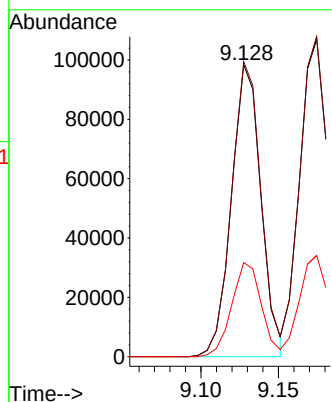
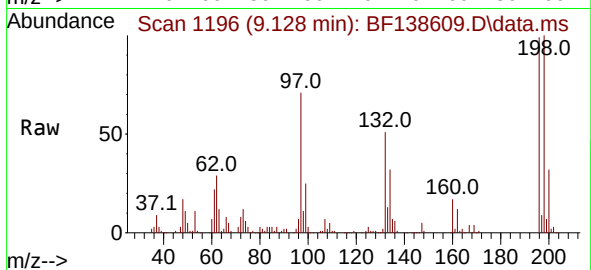
Tgt Ion:196 Resp: 130050

Ion Ratio Lower Upper

196 100

198 101.0 82.3 123.5

200 32.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 38.879 ng

RT: 9.175 min Scan# 1204

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Tgt Ion:196 Resp: 141133

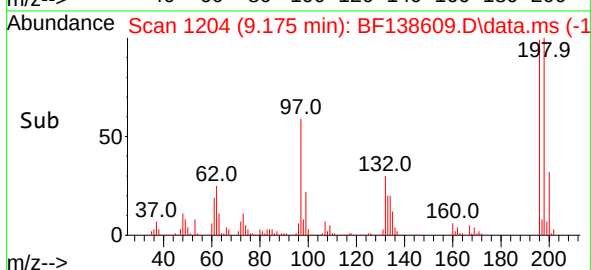
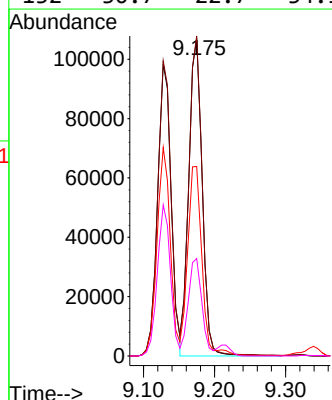
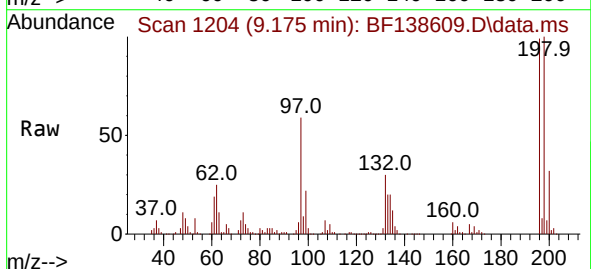
Ion Ratio Lower Upper

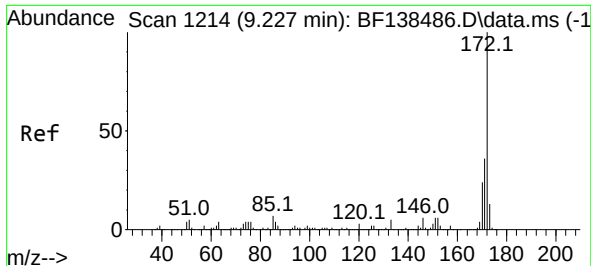
196 100

198 100.7 82.8 124.2

97 59.7 41.0 61.4

132 30.7 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 80.220 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

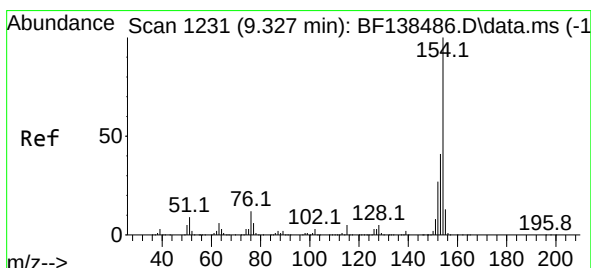
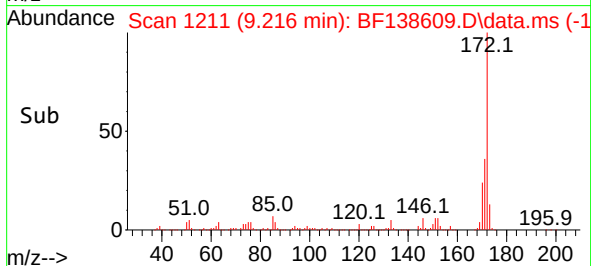
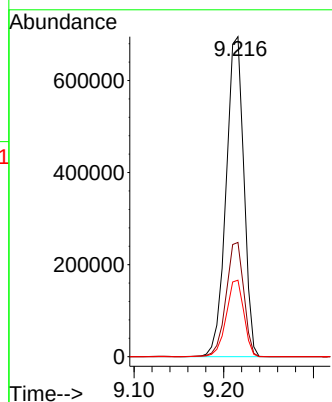
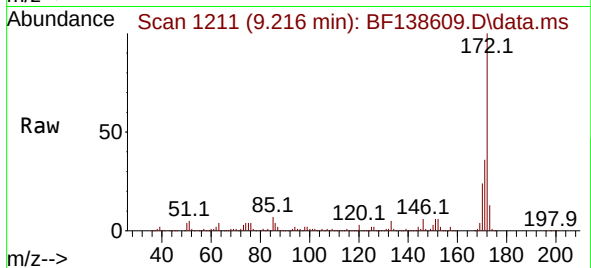
Tgt Ion:172 Resp: 952880

Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 23.9 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.515 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

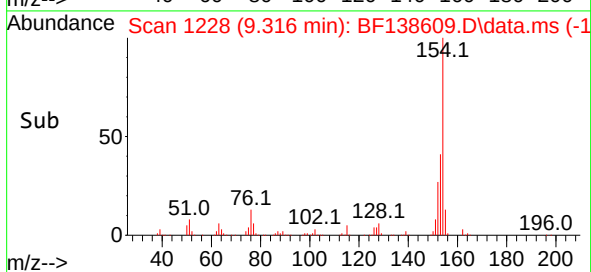
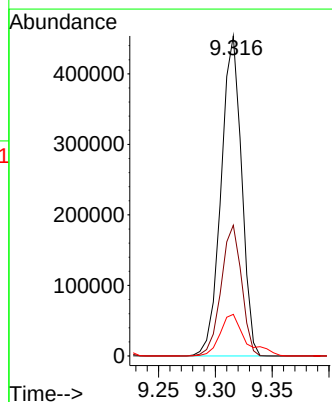
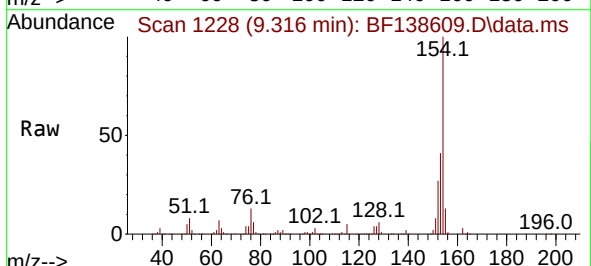
Tgt Ion:154 Resp: 570005

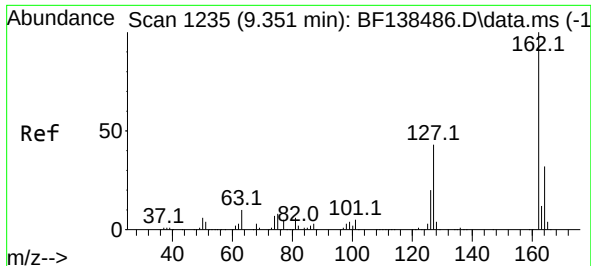
Ion Ratio Lower Upper

154 100

153 40.9 20.7 60.7

76 13.0 0.0 32.2





#47

2-Chloronaphthalene

Concen: 40.112 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

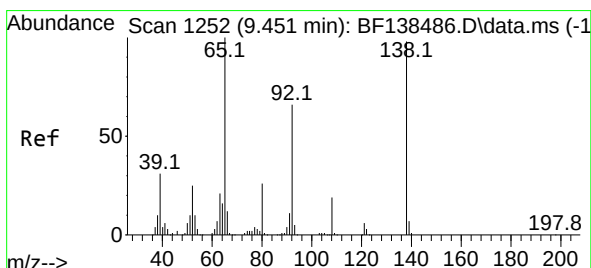
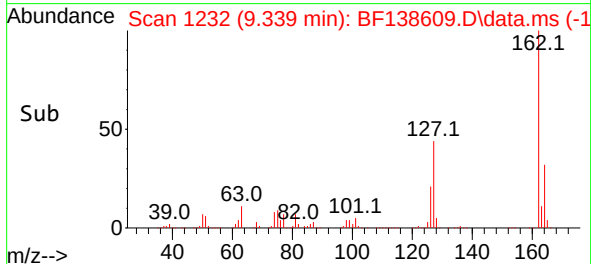
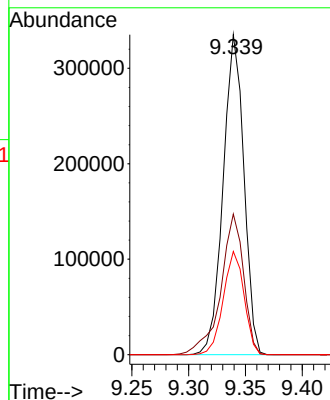
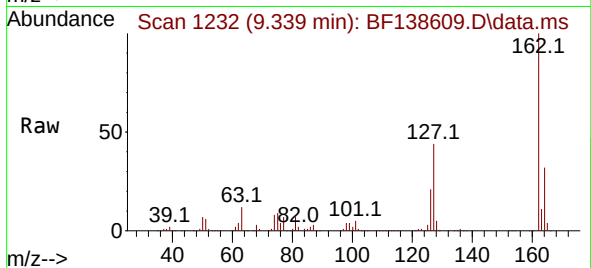
Tgt Ion:162 Resp: 426340

Ion Ratio Lower Upper

162 100

127 44.0 34.8 52.2

164 32.3 25.6 38.4



#48

2-Nitroaniline

Concen: 42.219 ng

RT: 9.439 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

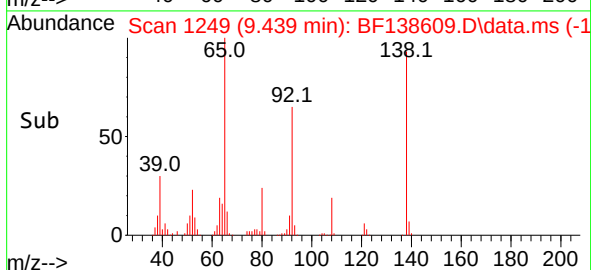
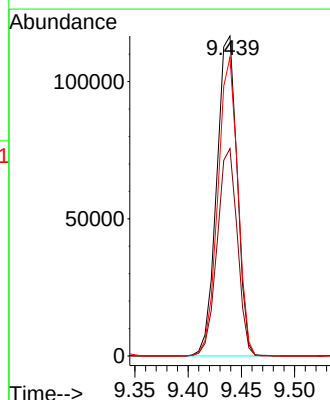
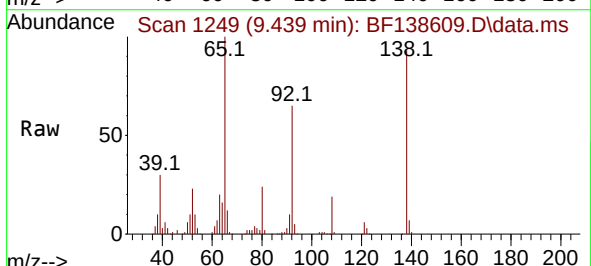
Tgt Ion: 65 Resp: 155497

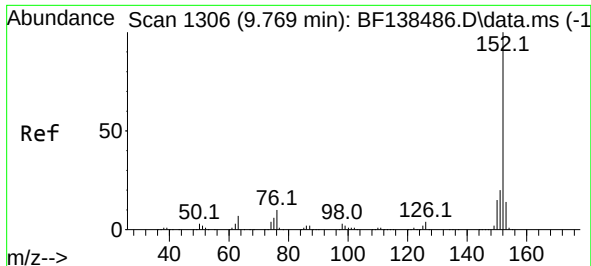
Ion Ratio Lower Upper

65 100

92 64.8 52.6 78.8

138 93.3 78.6 118.0





#49

Acenaphthylene

Concen: 40.368 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

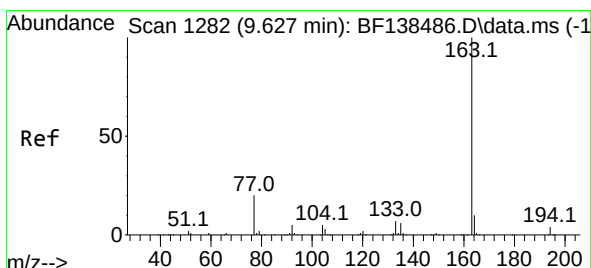
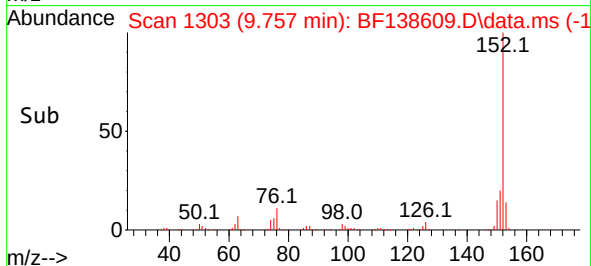
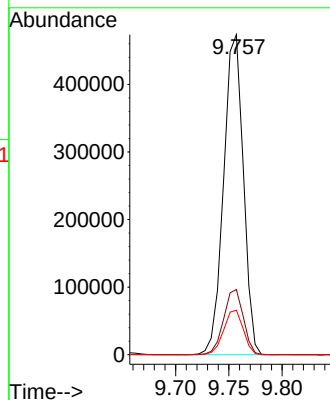
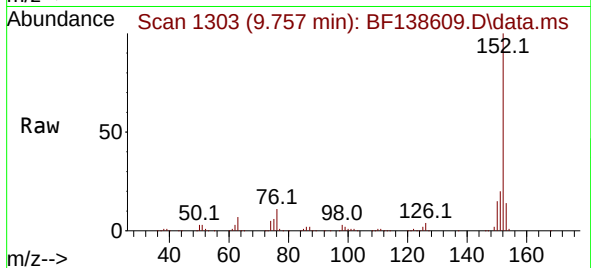
Tgt Ion:152 Resp: 609160

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.9 11.3 16.9



#50

Dimethylphthalate

Concen: 39.433 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

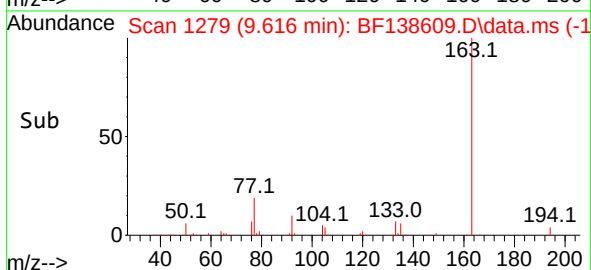
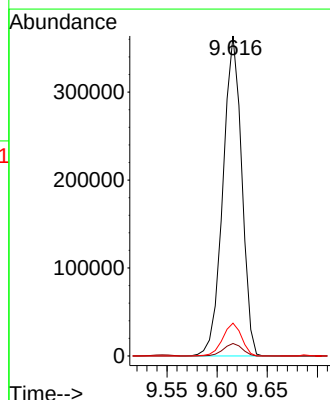
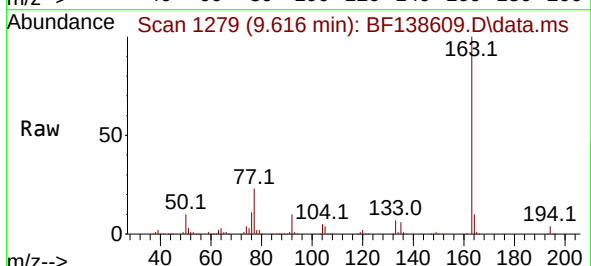
Tgt Ion:163 Resp: 473364

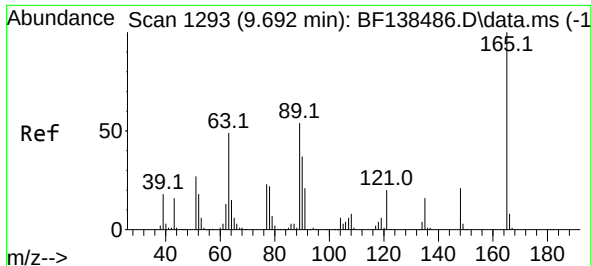
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

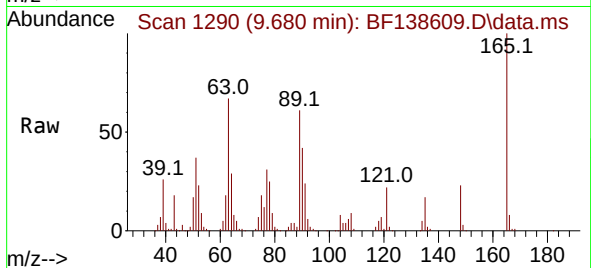
164 10.2 8.1 12.1



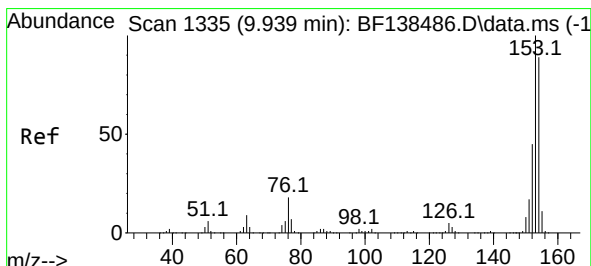
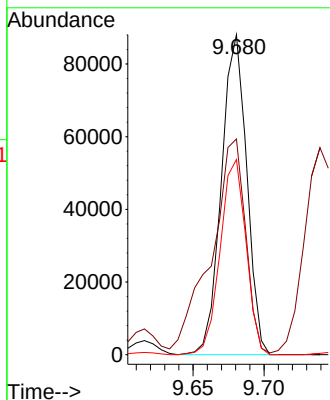
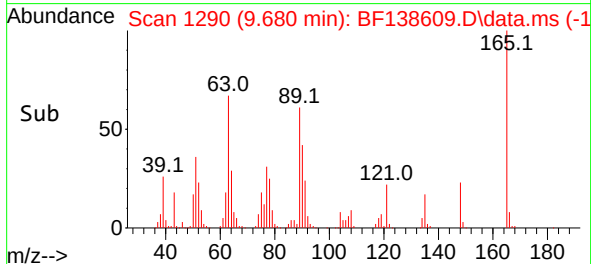


#51
2,6-Dinitrotoluene
Concen: 39.500 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Instrument :
BNA_F
ClientSampleId :

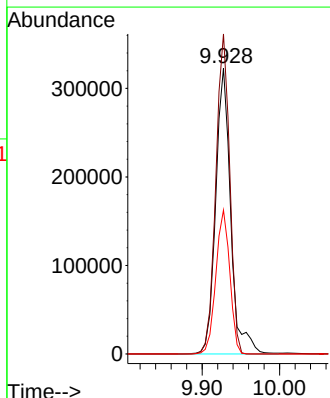
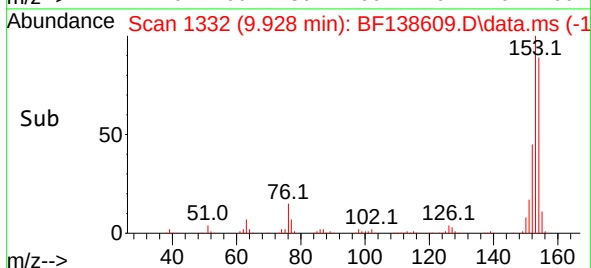
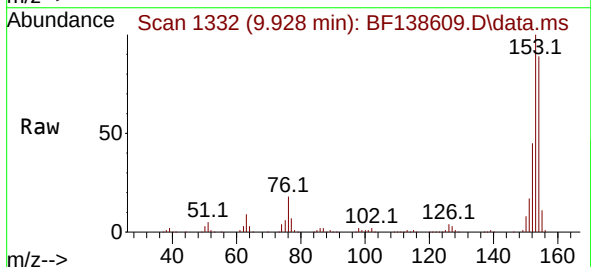


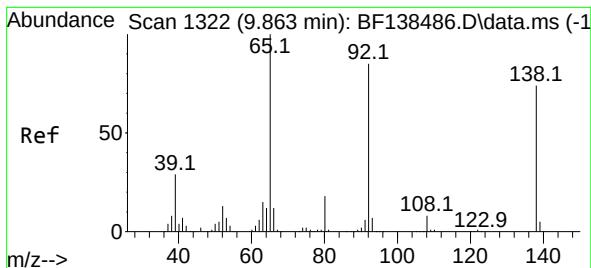
Tgt Ion:165 Resp: 109175
Ion Ratio Lower Upper
165 100
63 67.4 48.1 72.1
89 61.0 43.0 64.6



#52
Acenaphthene
Concen: 43.555 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:154 Resp: 436896
Ion Ratio Lower Upper
154 100
153 111.9 90.4 135.6
152 50.3 41.1 61.7





#53

3-Nitroaniline

Concen: 38.840 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

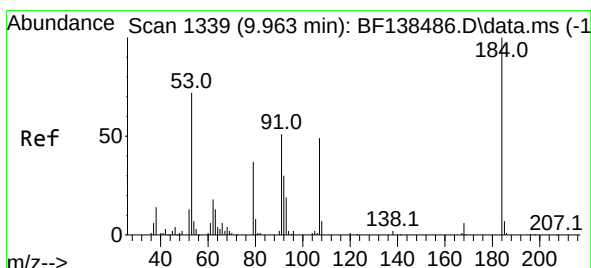
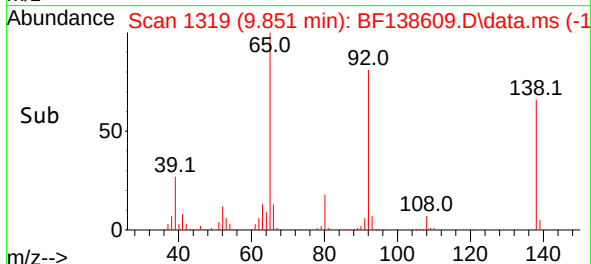
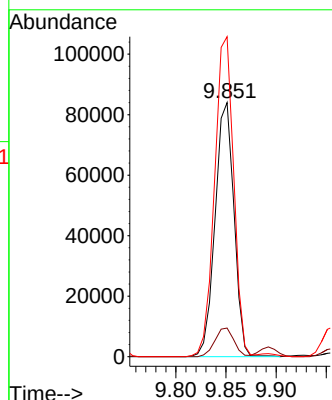
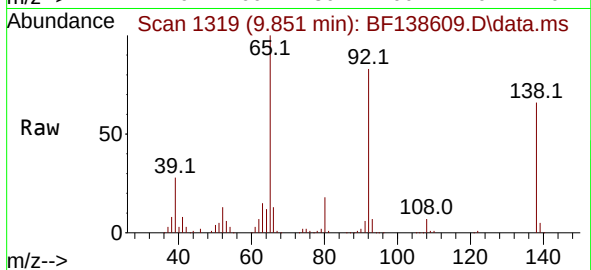
Tgt Ion:138 Resp: 110030

Ion Ratio Lower Upper

138 100

108 11.3 8.3 12.5

92 125.9 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 34.625 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

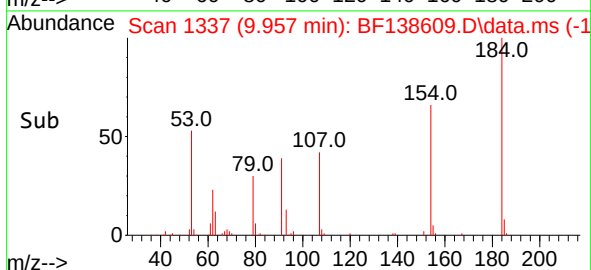
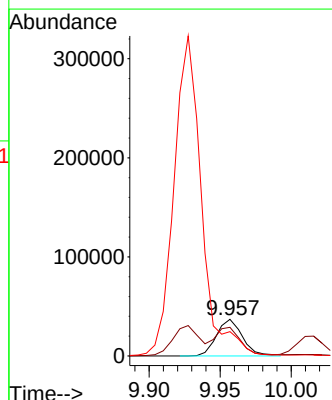
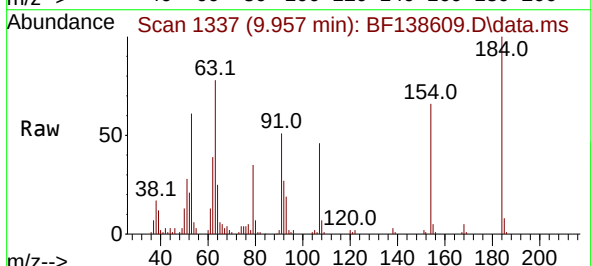
Tgt Ion:184 Resp: 47191

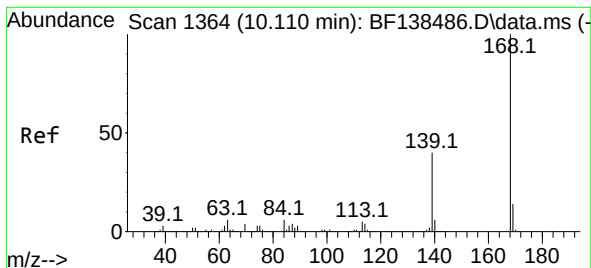
Ion Ratio Lower Upper

184 100

63 78.3 70.6 106.0

154 66.2 53.8 80.6





#55

Dibenzofuran

Concen: 39.662 ng

RT: 10.098 min Scan# 1361

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

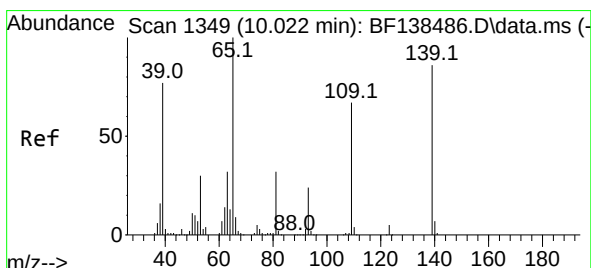
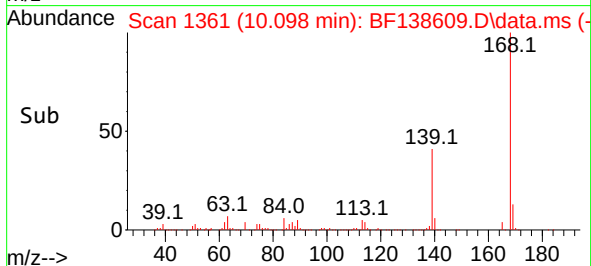
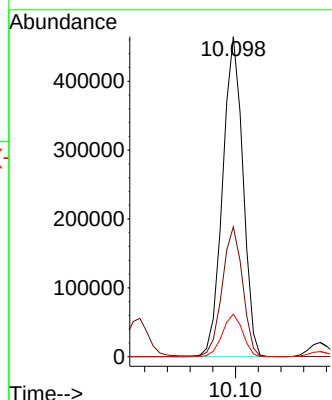
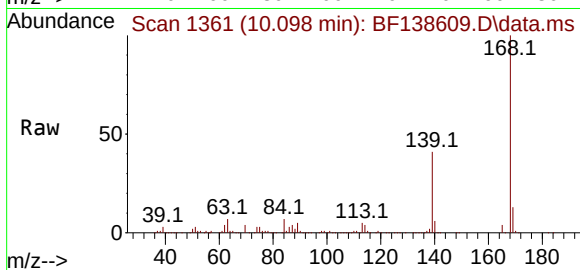
Tgt Ion:168 Resp: 577058

Ion Ratio Lower Upper

168 100

139 40.6 32.4 48.6

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 35.556 ng

RT: 10.016 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

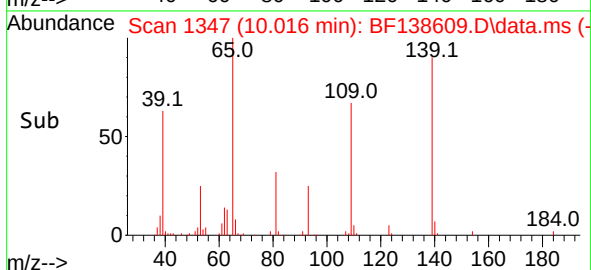
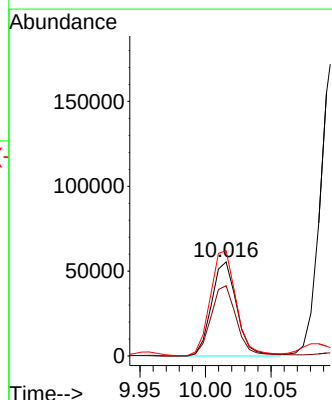
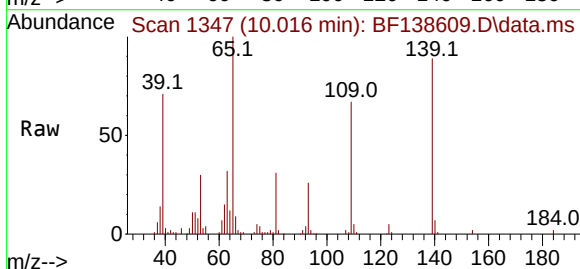
Tgt Ion:139 Resp: 74320

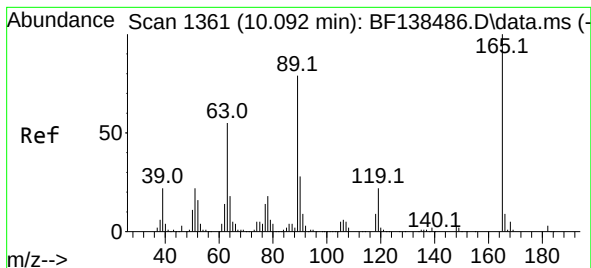
Ion Ratio Lower Upper

139 100

109 74.6 58.1 98.1

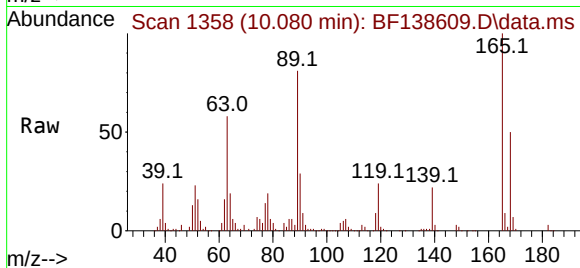
65 111.8 96.9 136.9



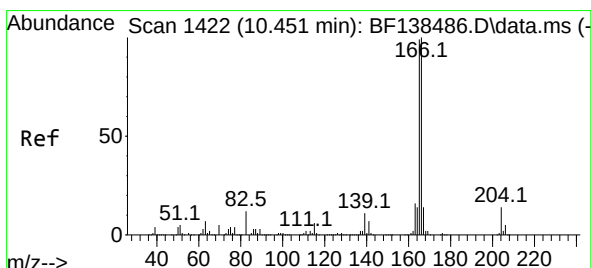
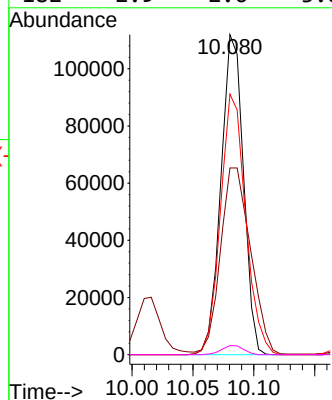
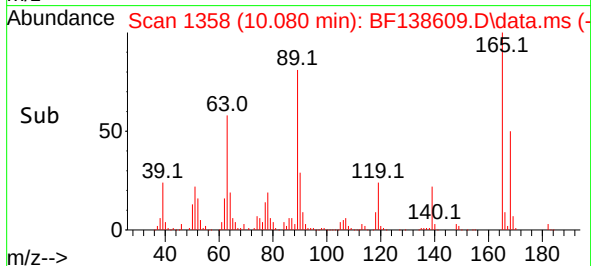


#57
2,4-Dinitrotoluene
Concen: 40.208 ng
RT: 10.080 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Instrument :
BNA_F
ClientSampleId :

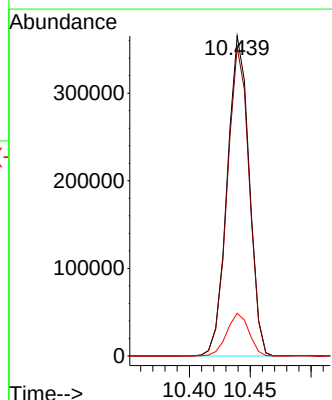
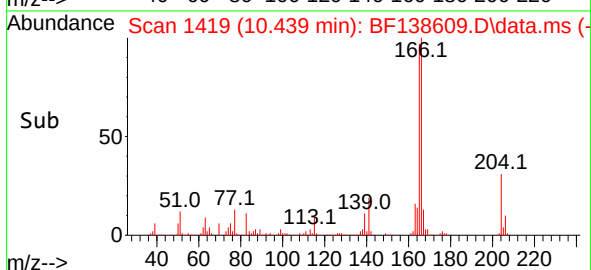
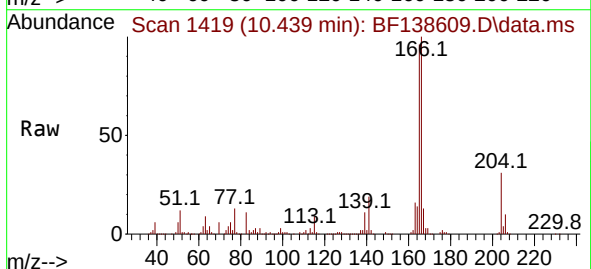


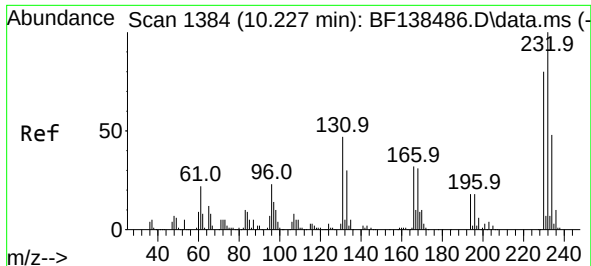
Tgt Ion:165 Resp: 143792
Ion Ratio Lower Upper
165 100
63 58.4 44.6 66.8
89 81.4 63.4 95.2
182 2.9 2.6 3.8



#58
Fluorene
Concen: 39.755 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

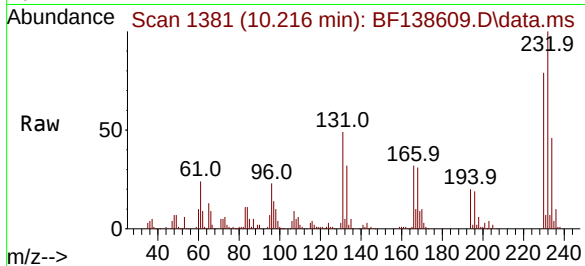
Tgt Ion:166 Resp: 457664
Ion Ratio Lower Upper
166 100
165 96.5 79.1 118.7
167 13.3 11.0 16.6



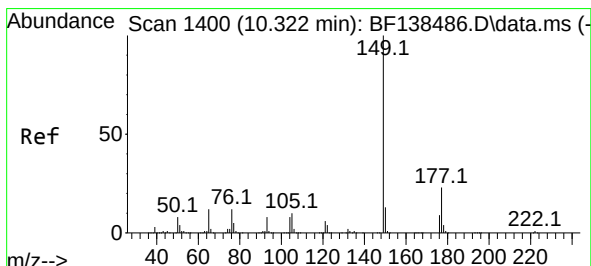
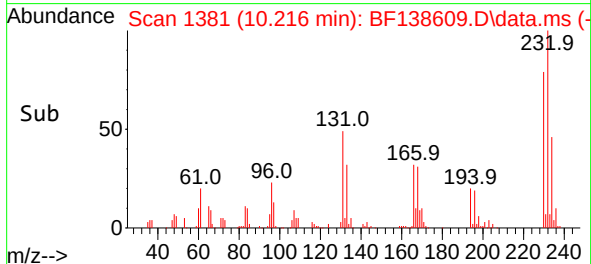
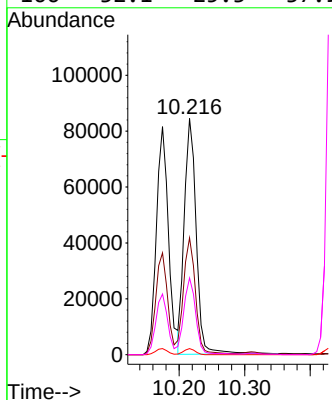


#59
2,3,4,6-Tetrachlorophenol
Concen: 37.170 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Instrument :
BNA_F
ClientSampleId :

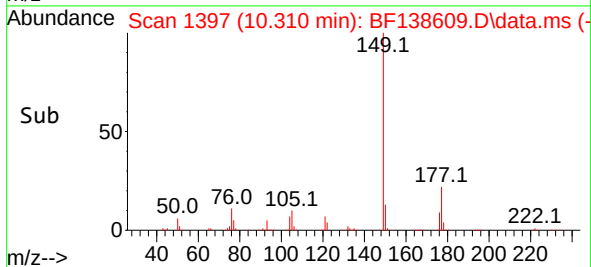
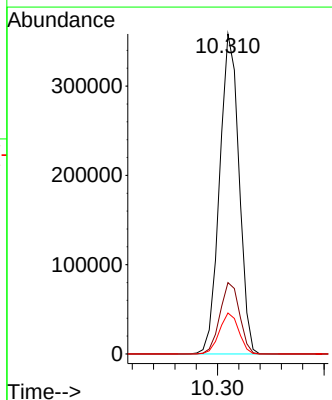
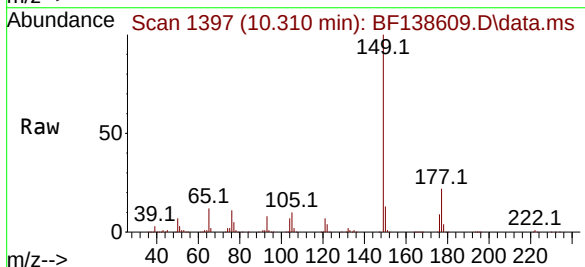


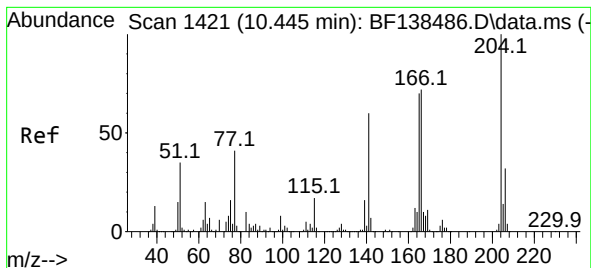
Tgt Ion:232 Resp: 106489
Ion Ratio Lower Upper
232 100
131 50.7 37.5 56.3
130 2.5 2.0 3.0
166 32.1 25.3 37.9



#60
Diethylphthalate
Concen: 39.075 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:149 Resp: 452204
Ion Ratio Lower Upper
149 100
177 22.3 18.5 27.7
150 12.8 10.3 15.5

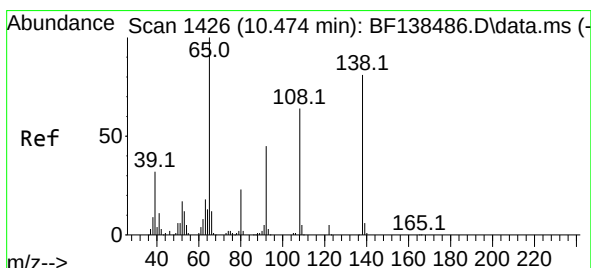
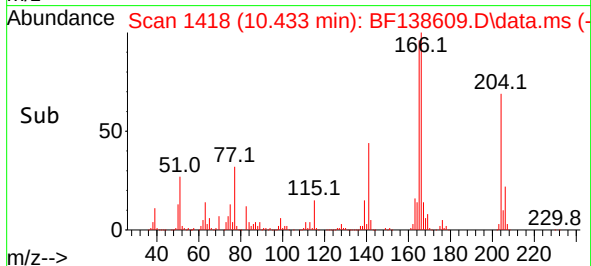
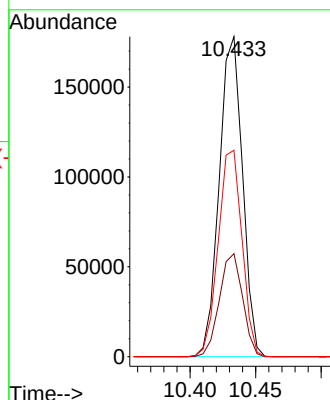
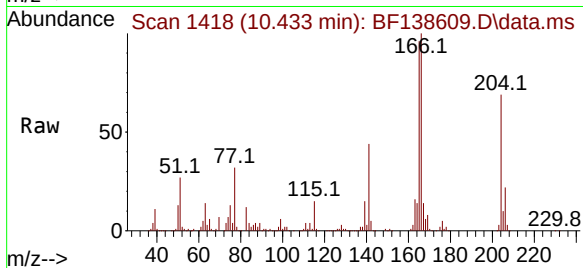




#61
4-Chlorophenyl-phenylether
Concen: 38.001 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

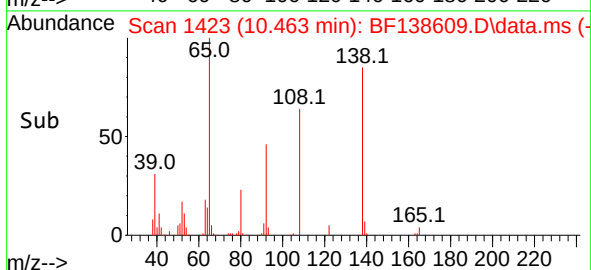
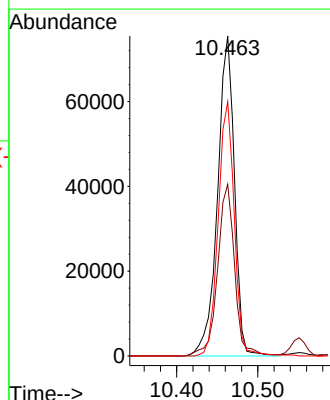
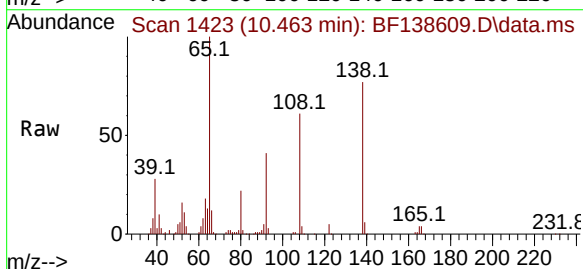
Instrument :
BNA_F
ClientSampleId :

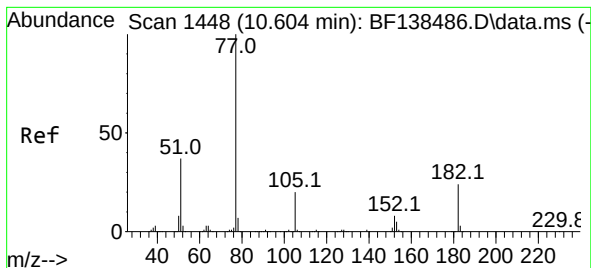
Tgt Ion:204 Resp: 219672
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 64.5 47.7 71.5



#62
4-Nitroaniline
Concen: 38.630 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:138 Resp: 109661
Ion Ratio Lower Upper
138 100
92 53.7 35.8 75.8
108 79.5 59.8 99.8





#63

Azobenzene

Concen: 40.421 ng

RT: 10.592 min Scan# 1448

Delta R.T. -0.012 min

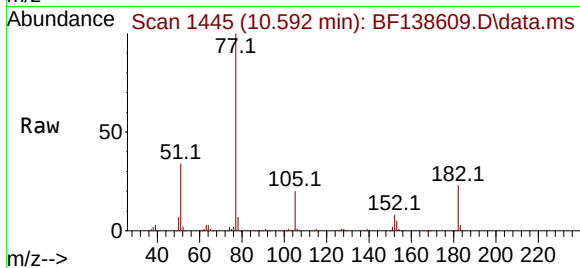
Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 502925

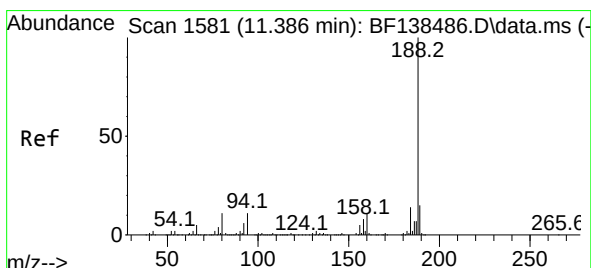
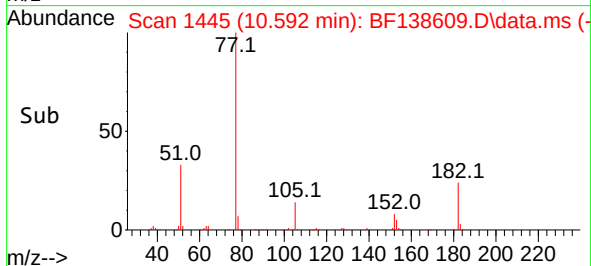
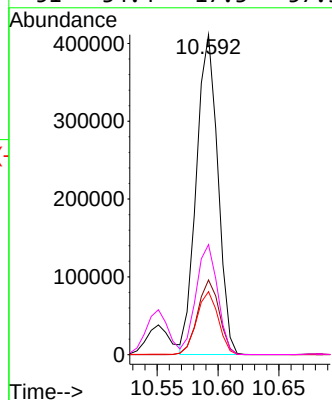
Ion Ratio Lower Upper

77 100

182 23.3 3.8 43.8

105 19.7 0.0 39.8

51 34.4 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

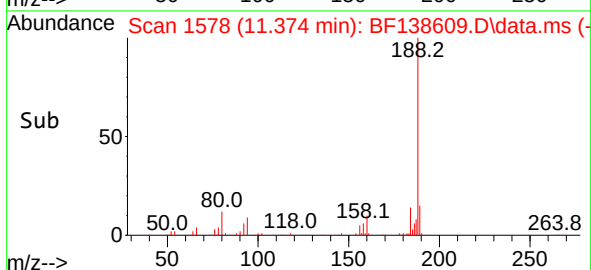
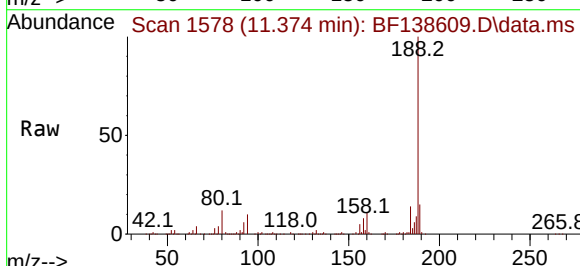
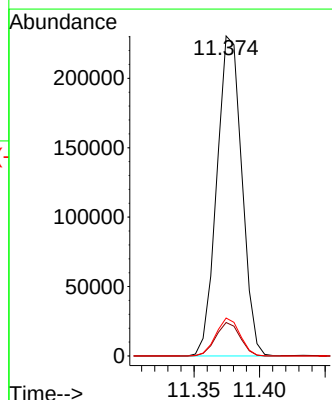
Tgt Ion: 188 Resp: 305771

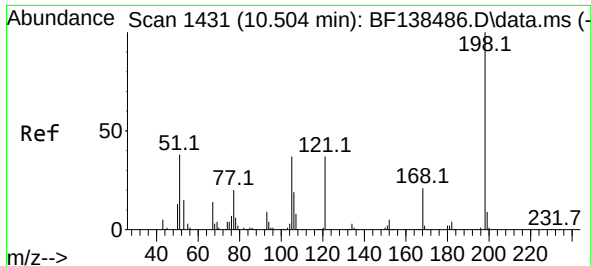
Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

80 11.8 9.0 13.4

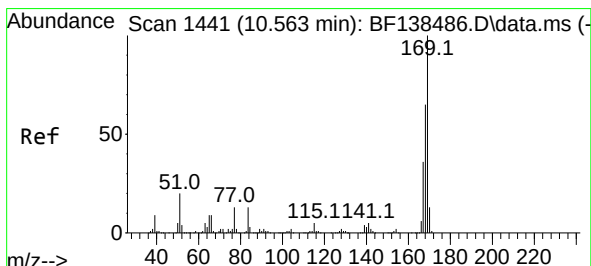
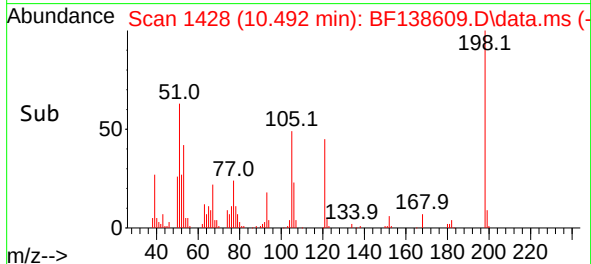
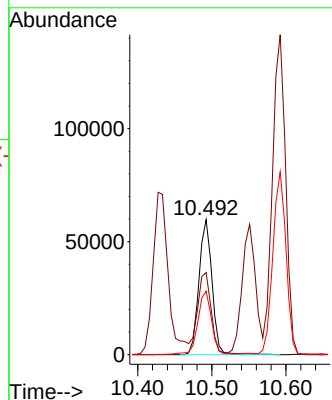
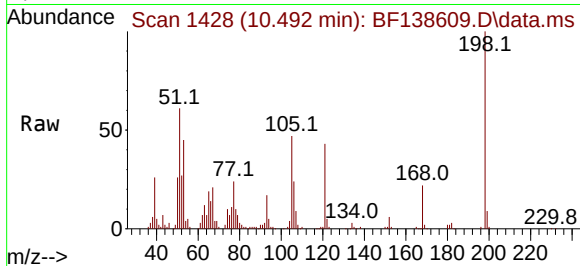




#65
4,6-Dinitro-2-methylphenol
Concen: 41.588 ng
RT: 10.492 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

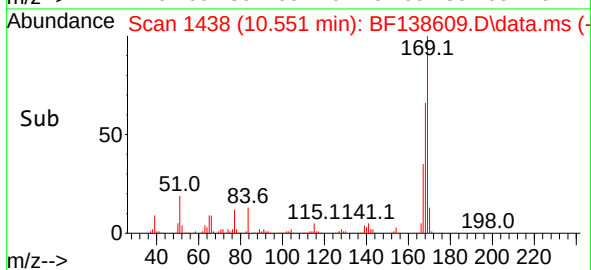
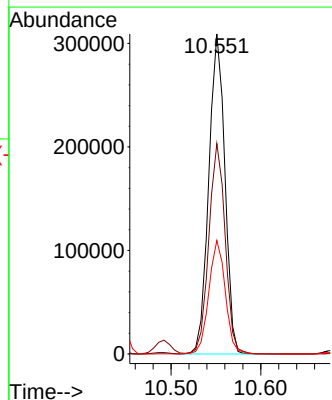
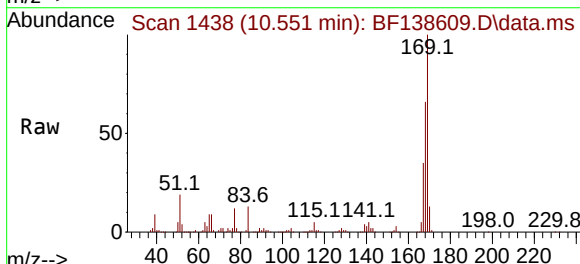
Instrument :
BNA_F
ClientSampleId :

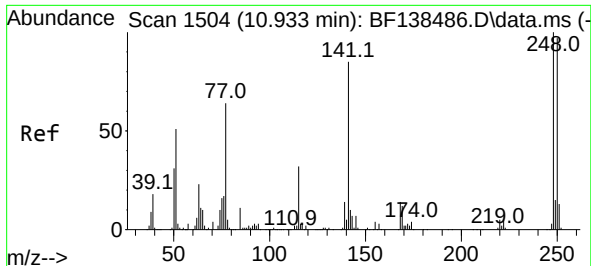
Tgt Ion:198 Resp: 73425
Ion Ratio Lower Upper
198 100
51 60.9 27.2 67.2
105 47.0 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 41.978 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:169 Resp: 384568
Ion Ratio Lower Upper
169 100
168 65.8 51.7 77.5
167 35.4 28.5 42.7

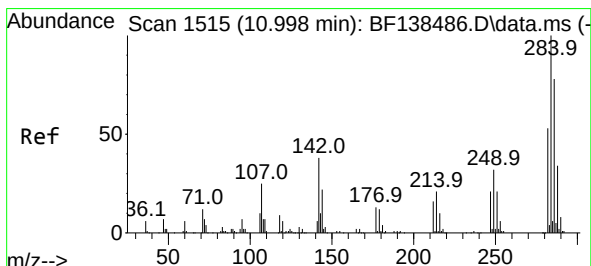
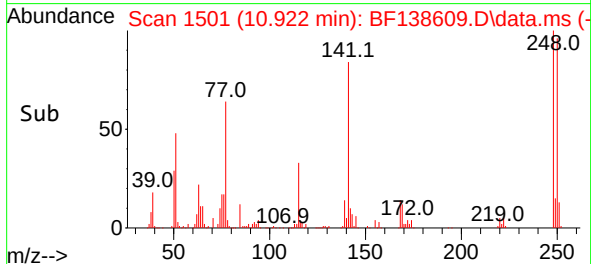
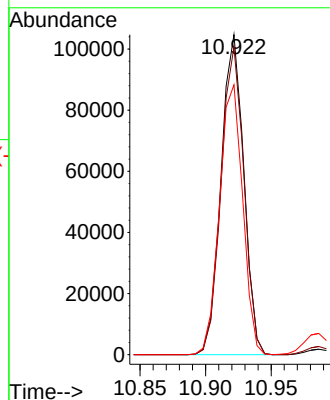
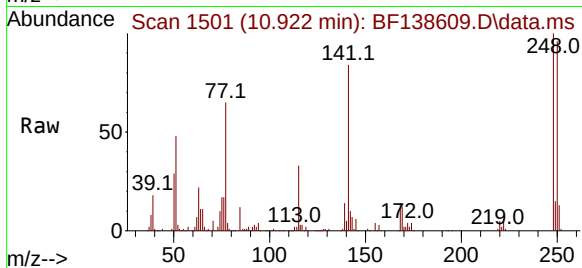




#67
4-Bromophenyl-phenylether
Concen: 40.120 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

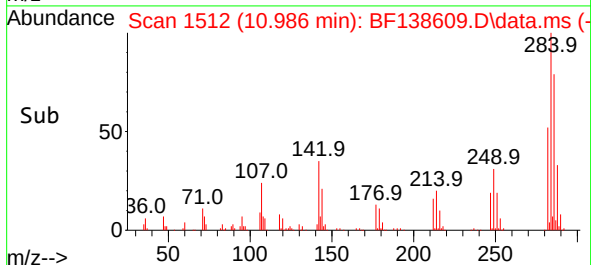
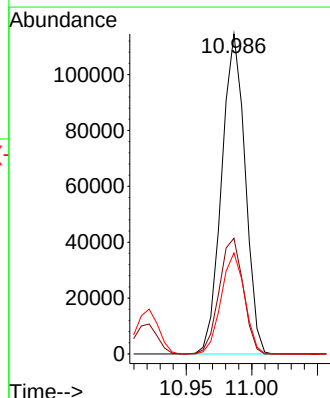
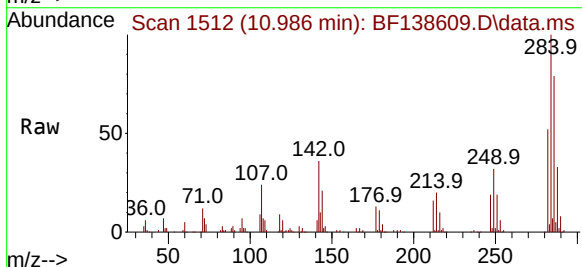
Instrument :
BNA_F
ClientSampleId :

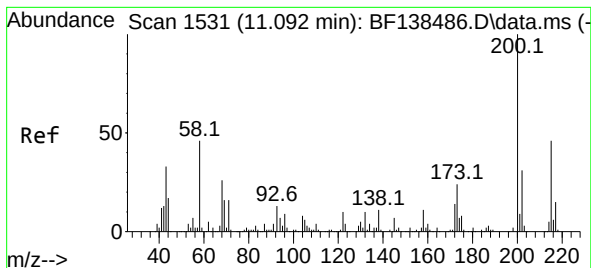
Tgt Ion:248 Resp: 126086
Ion Ratio Lower Upper
248 100
250 96.2 77.9 116.9
141 84.4 67.7 101.5



#68
Hexachlorobenzene
Concen: 40.854 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:284 Resp: 142636
Ion Ratio Lower Upper
284 100
142 36.1 30.5 45.7
249 31.6 25.9 38.9





#69

Atrazine

Concen: 36.656 ng

RT: 11.075 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

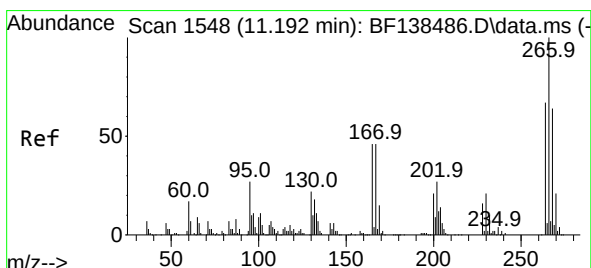
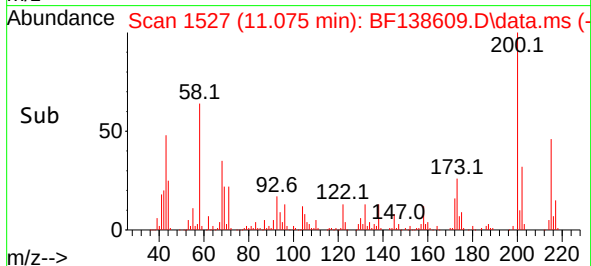
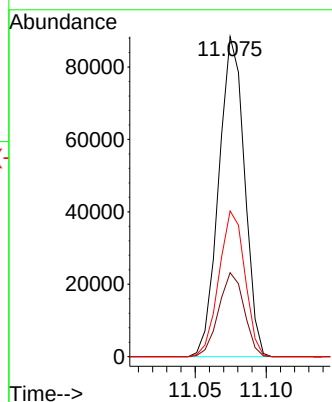
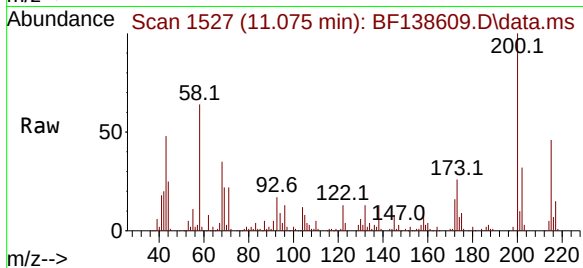
Tgt Ion:200 Resp: 111335

Ion Ratio Lower Upper

200 100

173 26.2 4.1 44.1

215 45.6 26.5 66.5



#70

Pentachlorophenol

Concen: 36.618 ng

RT: 11.180 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

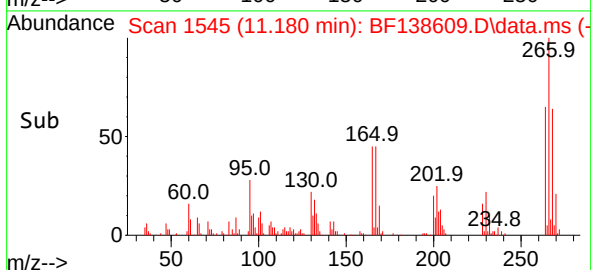
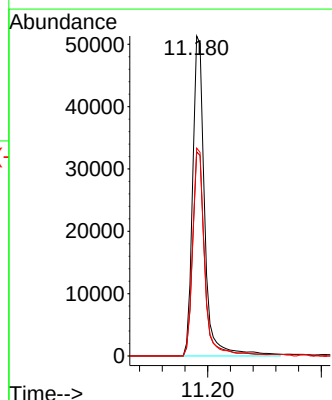
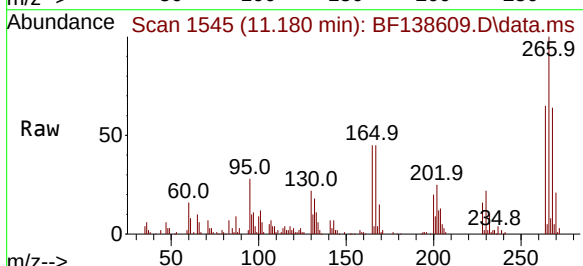
Tgt Ion:266 Resp: 75650

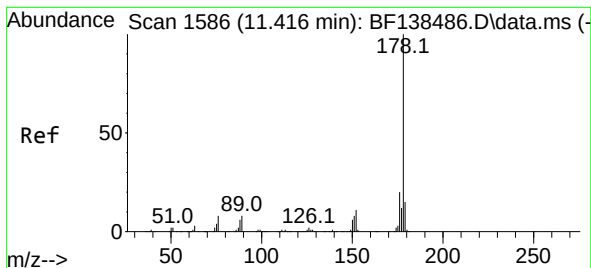
Ion Ratio Lower Upper

266 100

268 63.8 50.9 76.3

264 65.0 53.5 80.3





#71

Phenanthrene

Concen: 40.361 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

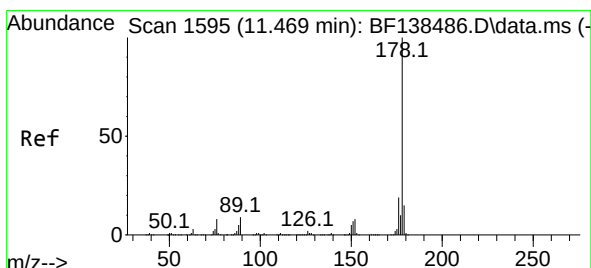
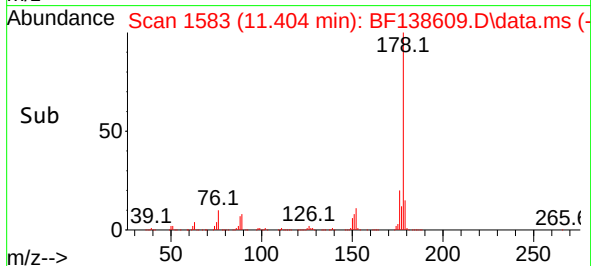
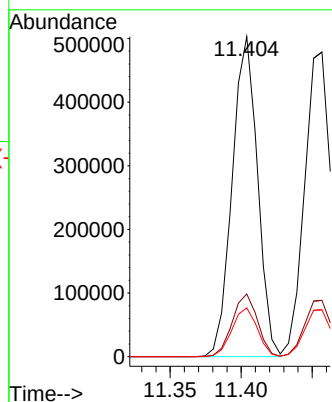
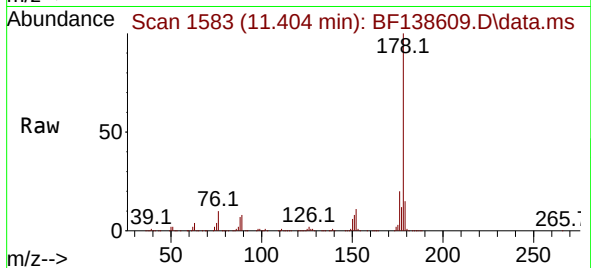
Tgt Ion:178 Resp: 623482

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.3 12.2 18.2



#72

Anthracene

Concen: 40.460 ng

RT: 11.457 min Scan# 1592

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

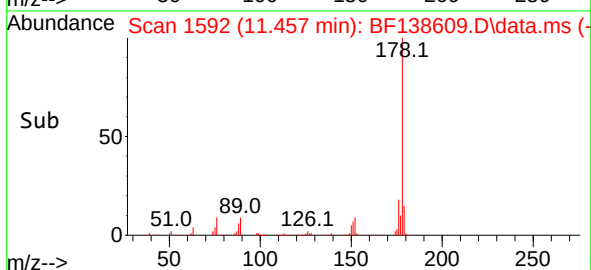
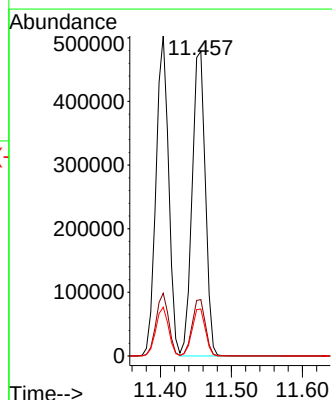
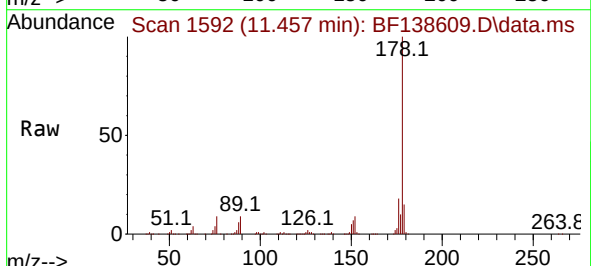
Tgt Ion:178 Resp: 620427

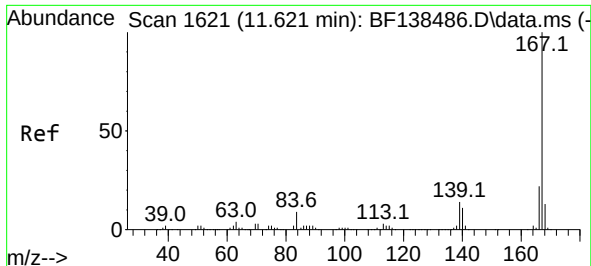
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

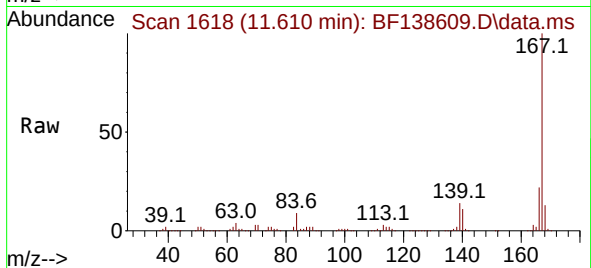
179 15.4 12.2 18.4



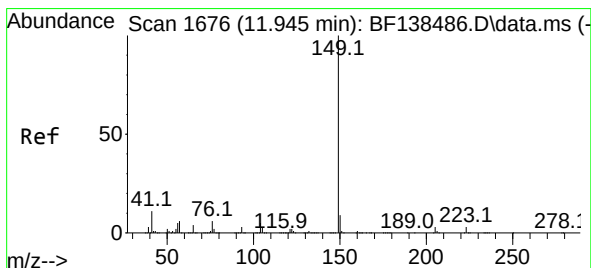
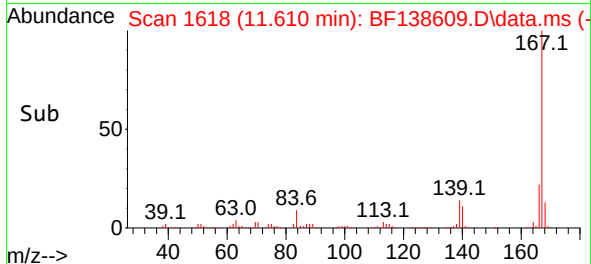
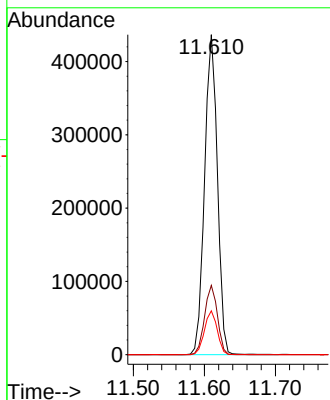


#73
Carbazole
Concen: 39.793 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Instrument :
BNA_F
ClientSampleId :

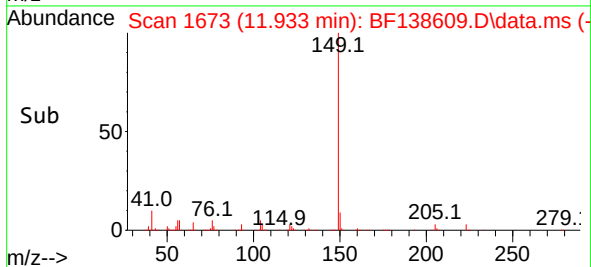
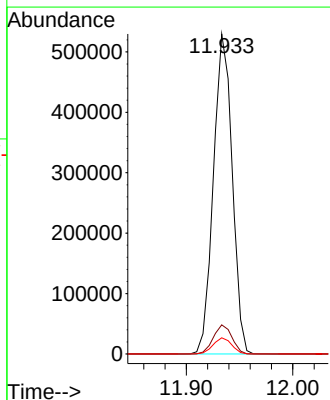
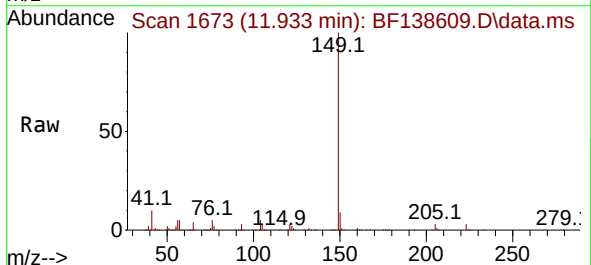


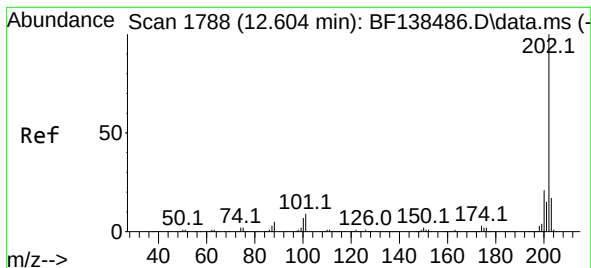
Tgt Ion:167 Resp: 548370
Ion Ratio Lower Upper
167 100
166 21.7 17.8 26.6
139 13.7 11.0 16.4



#74
Di-n-butylphthalate
Concen: 40.747 ng
RT: 11.933 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:149 Resp: 647251
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 38.476 ng

RT: 12.586 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

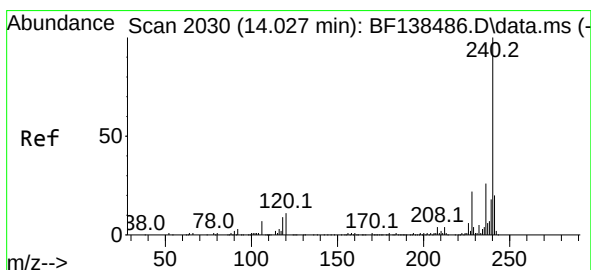
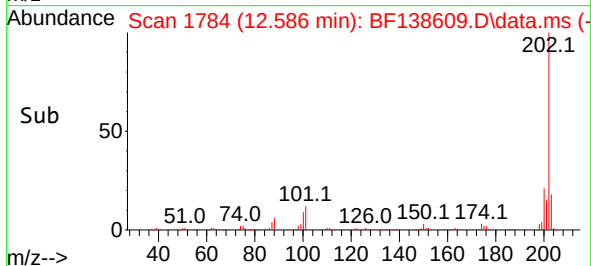
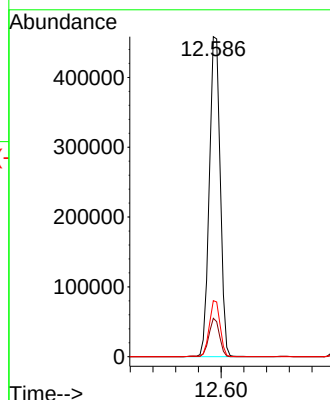
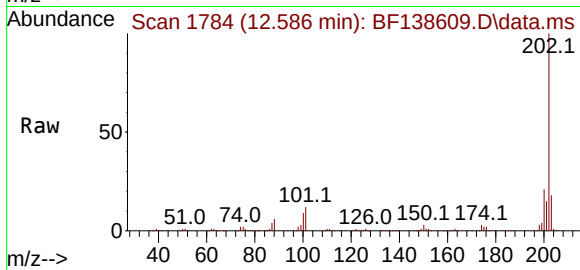
Tgt Ion:202 Resp: 606488

Ion Ratio Lower Upper

202 100

101 12.0 0.0 29.2

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

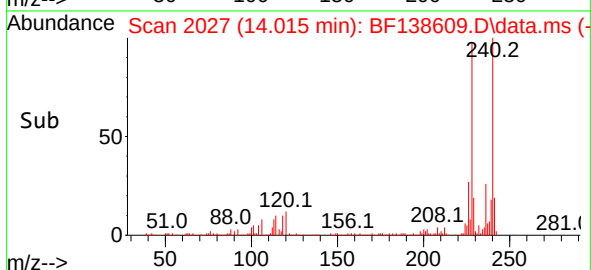
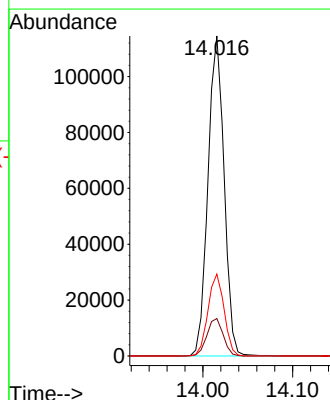
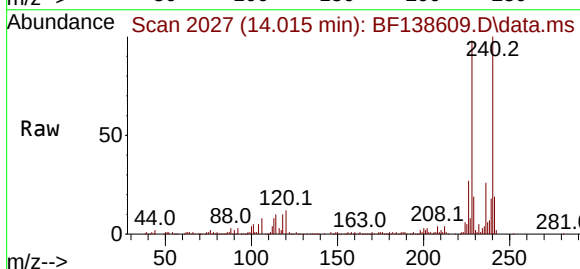
Tgt Ion:240 Resp: 142865

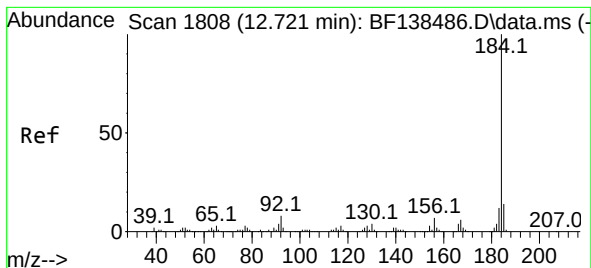
Ion Ratio Lower Upper

240 100

120 11.7 8.6 12.8

236 25.6 21.0 31.6





#77

Benzidine

Concen: 36.105 ng

RT: 12.710 min Scan# 1805

Delta R.T. -0.011 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

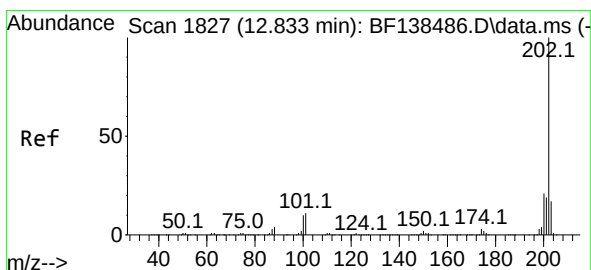
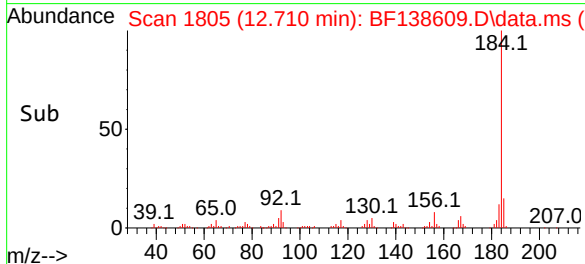
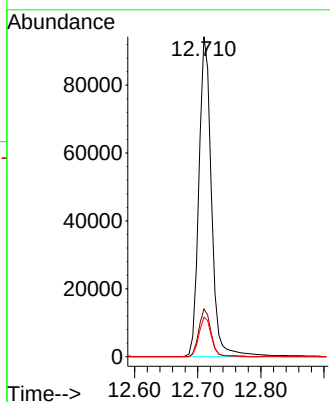
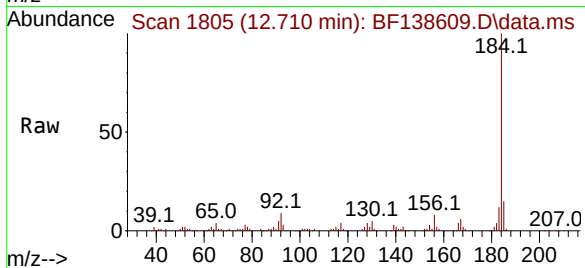
Tgt Ion:184 Resp: 130140

Ion Ratio Lower Upper

184 100

185 14.9 11.3 16.9

183 12.4 9.5 14.3



#78

Pyrene

Concen: 42.032 ng

RT: 12.816 min Scan# 1823

Delta R.T. -0.018 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

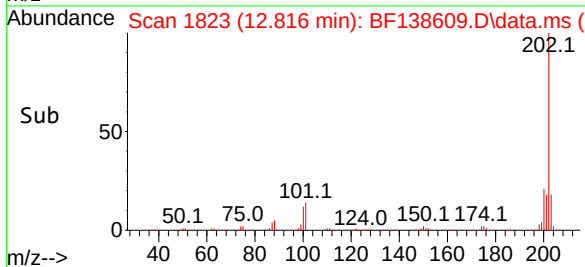
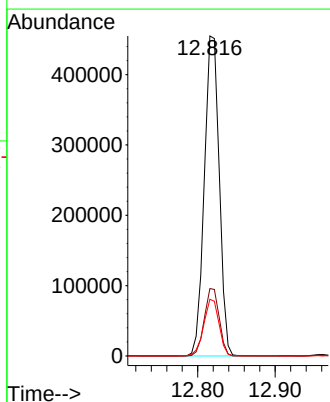
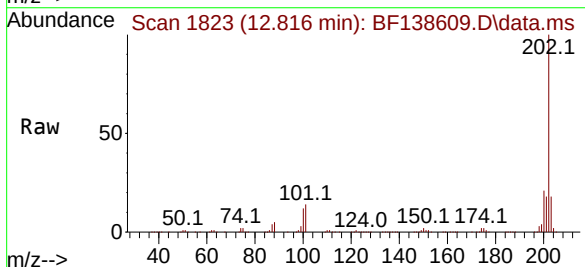
Tgt Ion:202 Resp: 609581

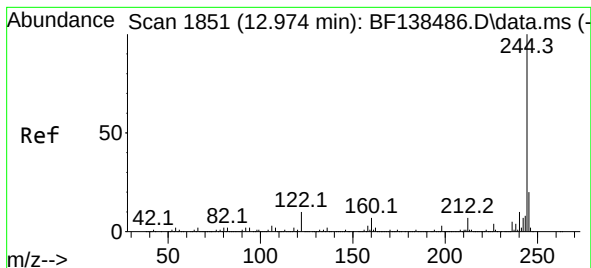
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

203 17.7 13.7 20.5





#79

Terphenyl-d14

Concen: 84.640 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.018 min

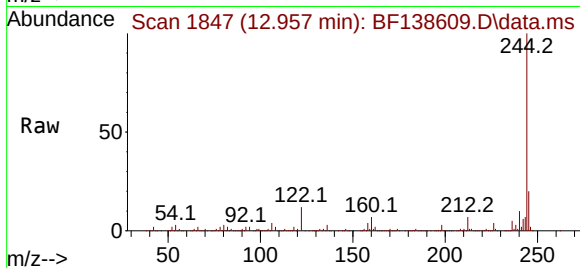
Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :



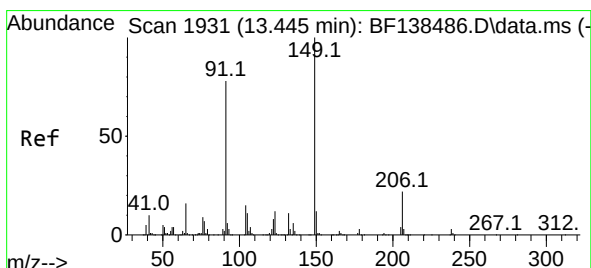
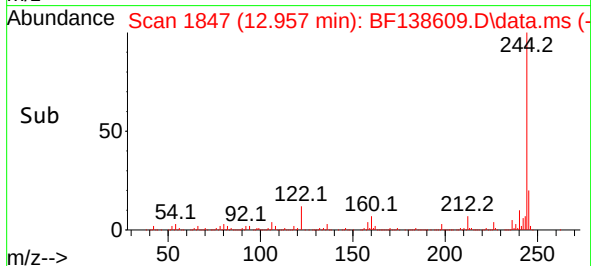
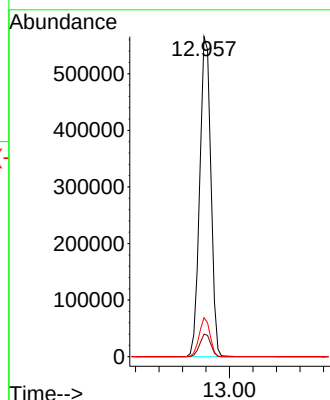
Tgt Ion:244 Resp: 742244

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 12.2 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 45.506 ng

RT: 13.433 min Scan# 1928

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

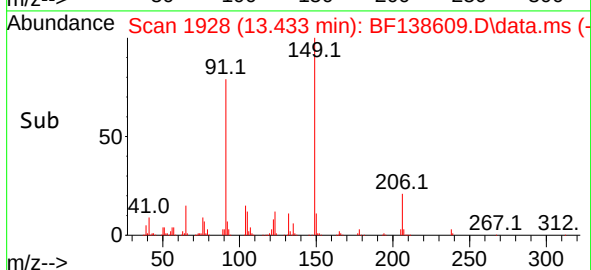
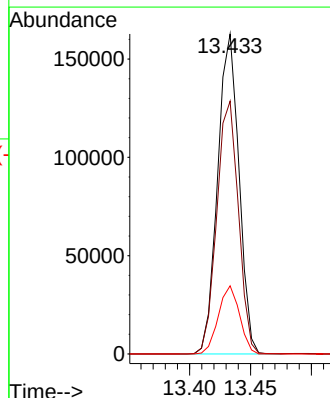
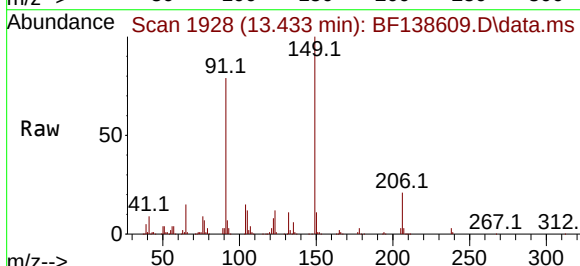
Tgt Ion:149 Resp: 198529

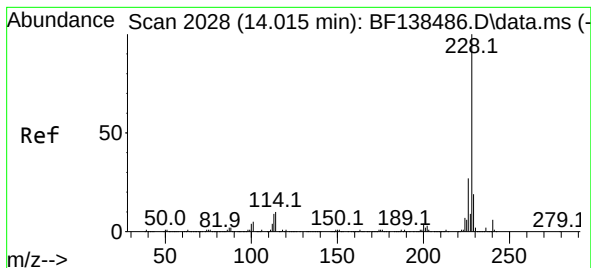
Ion Ratio Lower Upper

149 100

91 79.0 62.1 93.1

206 21.3 18.0 27.0





#81

Benzo(a)anthracene

Concen: 40.044 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

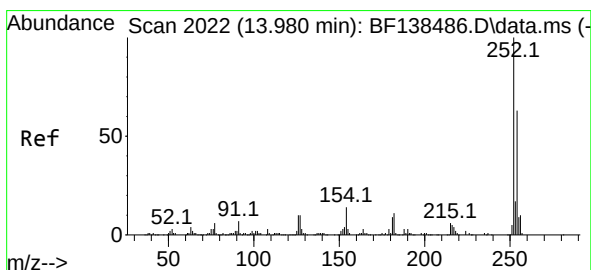
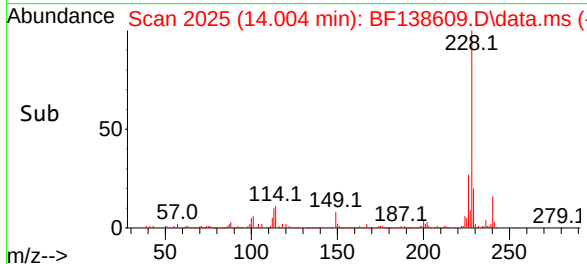
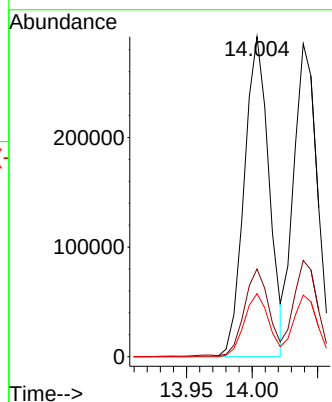
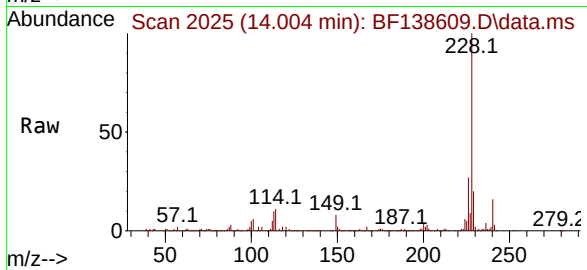
Tgt Ion:228 Resp: 383876

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 39.927 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

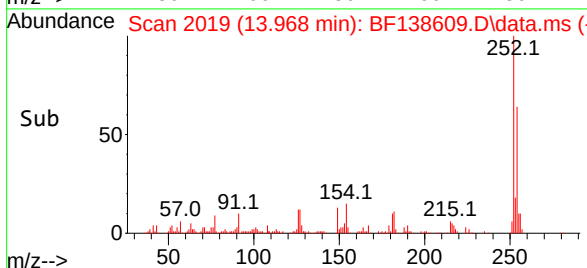
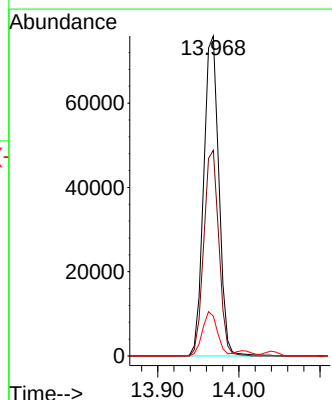
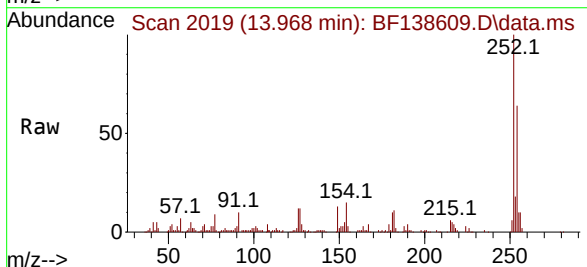
Tgt Ion:252 Resp: 98625

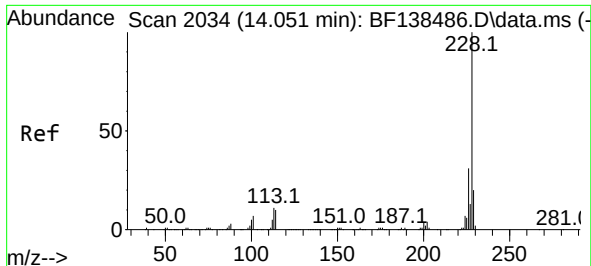
Ion Ratio Lower Upper

252 100

254 64.3 50.3 75.5

126 12.4 8.1 12.1#

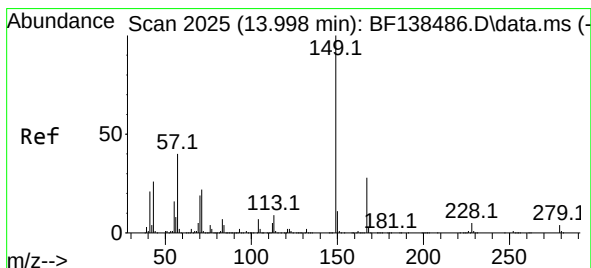
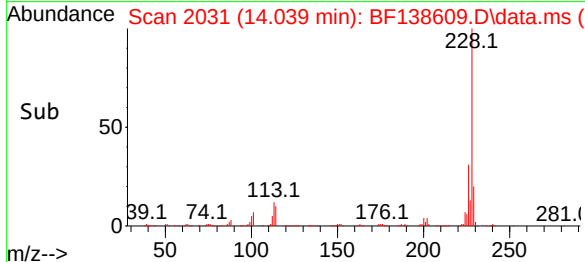
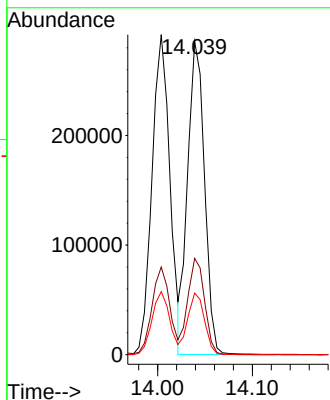
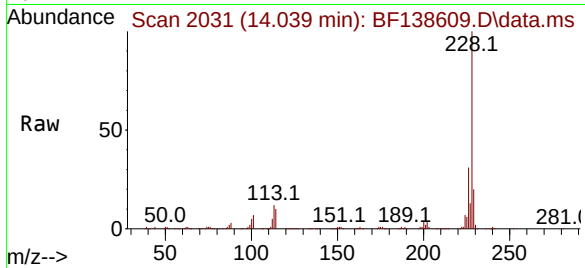




#83
Chrysene
Concen: 39.107 ng
RT: 14.039 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

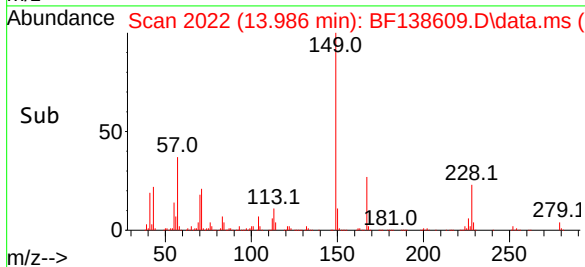
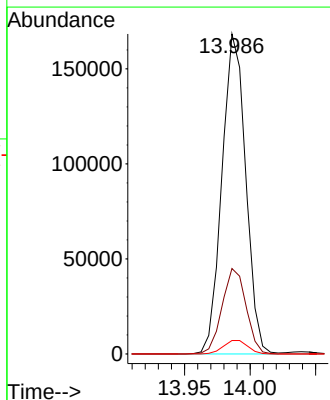
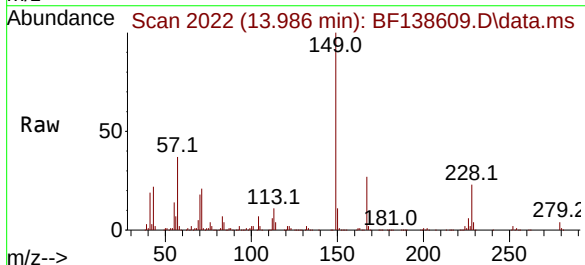
Instrument :
BNA_F
ClientSampleId :

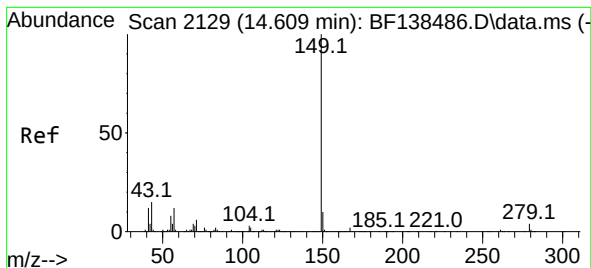
Tgt Ion:228 Resp: 354647
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 19.7 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.555 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:149 Resp: 211962
Ion Ratio Lower Upper
149 100
167 26.7 22.5 33.7
279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 38.843 ng

RT: 14.598 min Scan# 2126

Delta R.T. -0.011 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

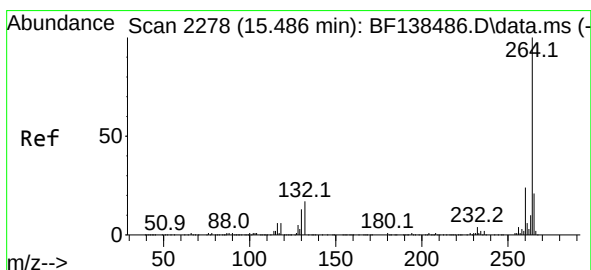
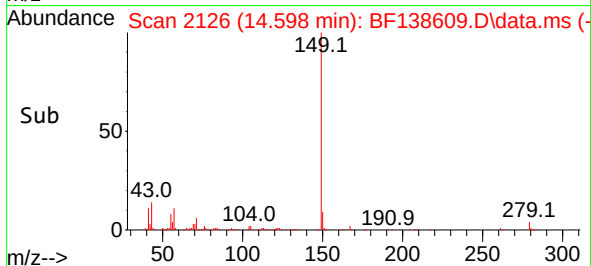
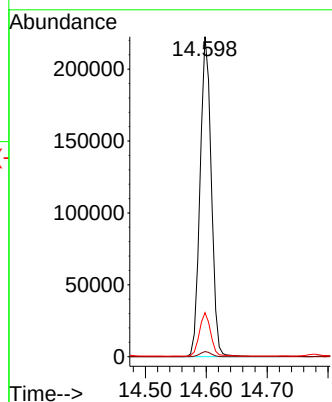
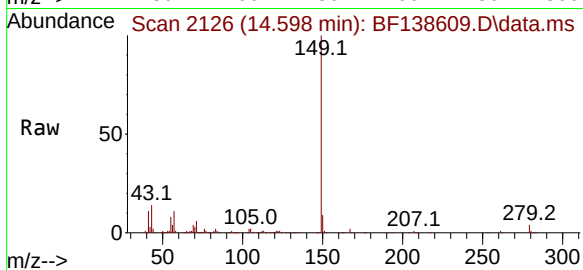
Tgt Ion:149 Resp: 285508

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.7 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

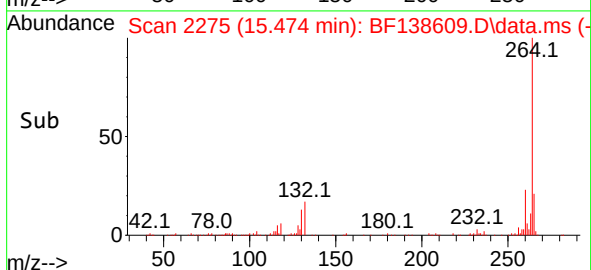
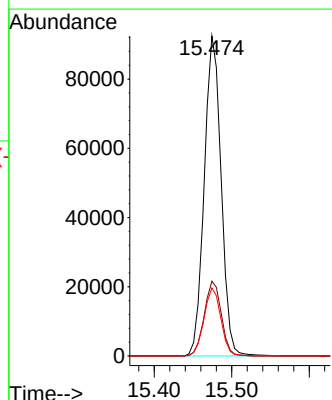
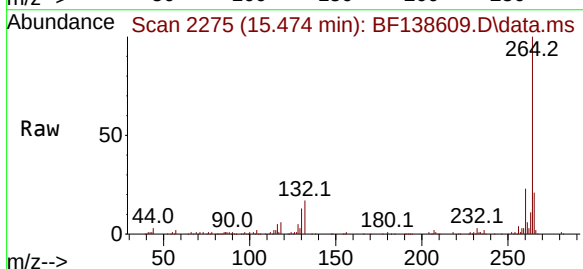
Tgt Ion:264 Resp: 139932

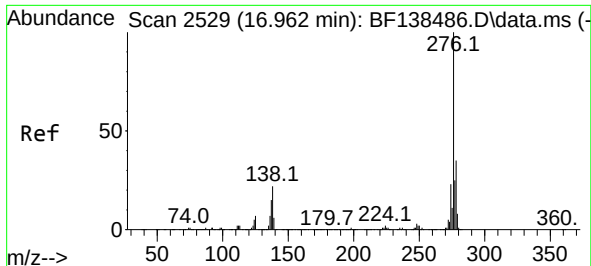
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

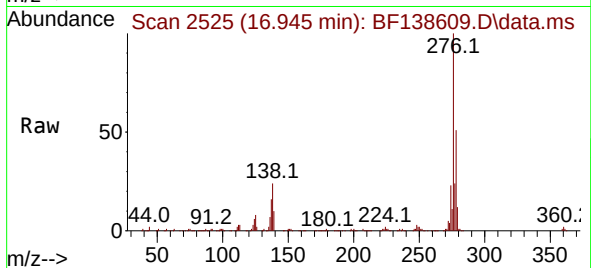
265 21.3 17.0 25.4



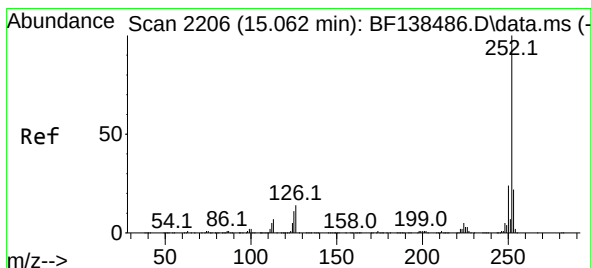
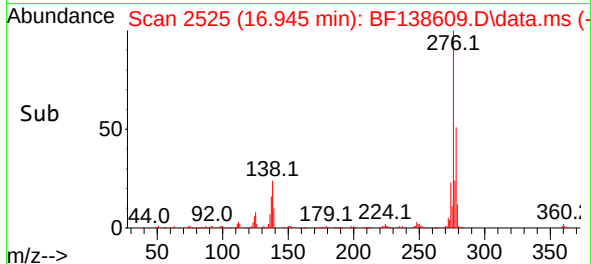
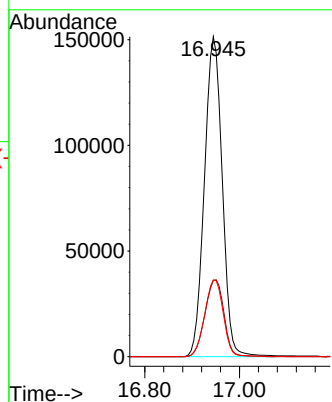


#87
Indeno(1,2,3-cd)pyrene
Concen: 42.073 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Instrument :
BNA_F
ClientSampleId :

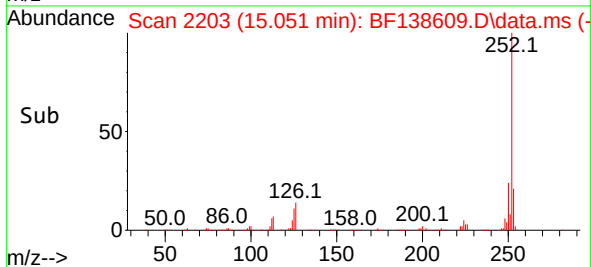
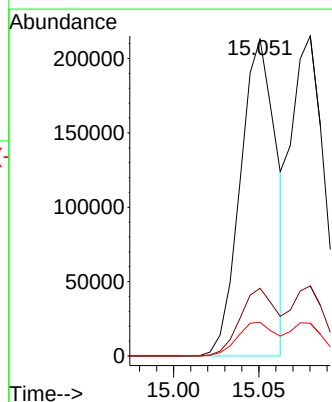
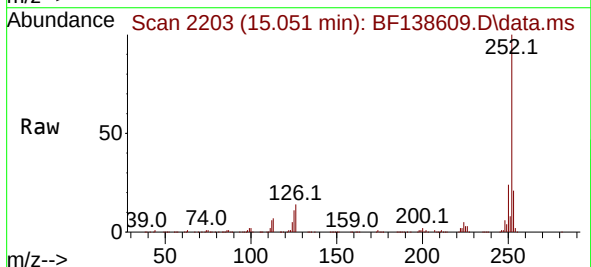


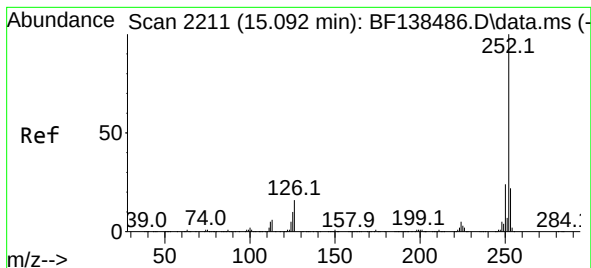
Tgt Ion:276 Resp: 395455
Ion Ratio Lower Upper
276 100
138 25.6 19.6 29.4
277 25.0 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 39.419 ng
RT: 15.051 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

Tgt Ion:252 Resp: 310643
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 10.7 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 37.539 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

Instrument :

BNA_F

ClientSampleId :

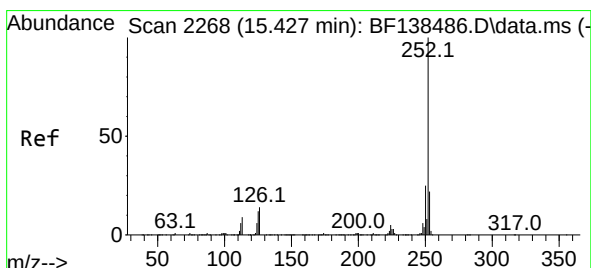
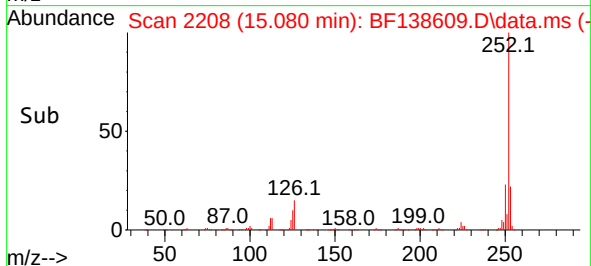
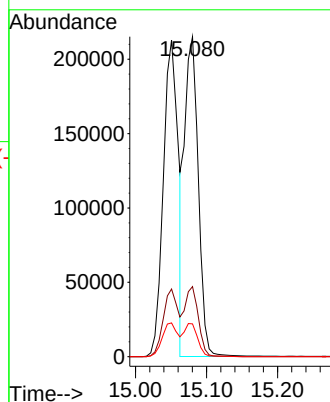
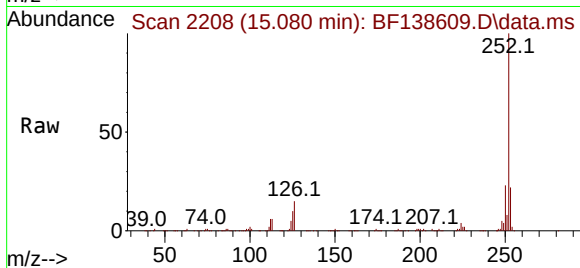
Tgt Ion:252 Resp: 288522

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.3 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.449 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF138609.D

Acq: 23 Jul 2024 10:22

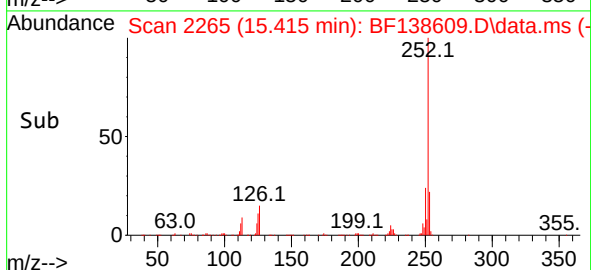
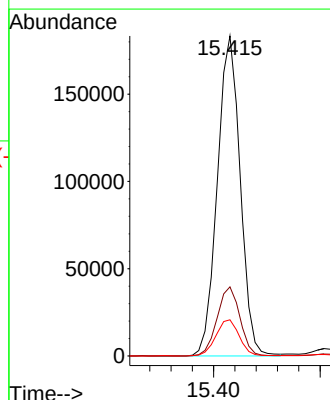
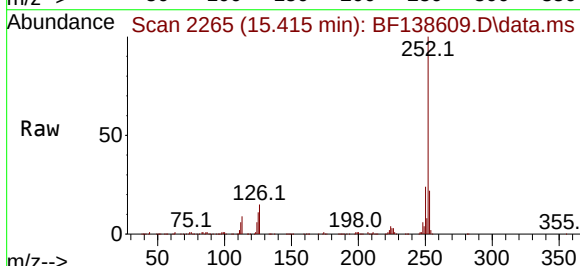
Tgt Ion:252 Resp: 273097

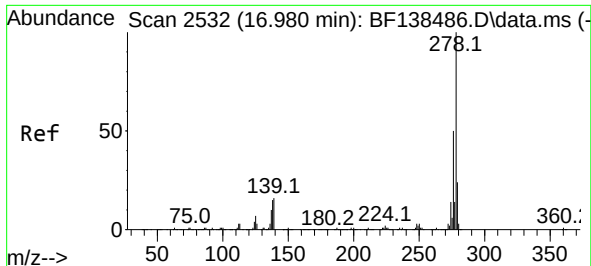
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

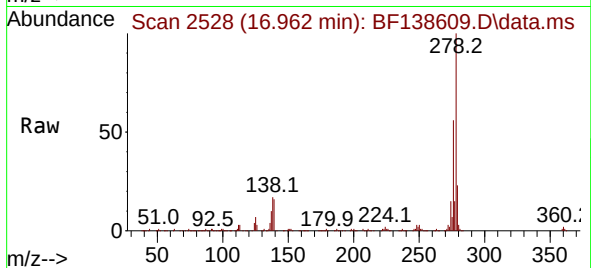
125 11.3 9.4 14.2



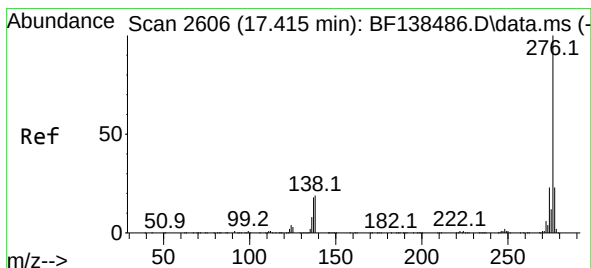
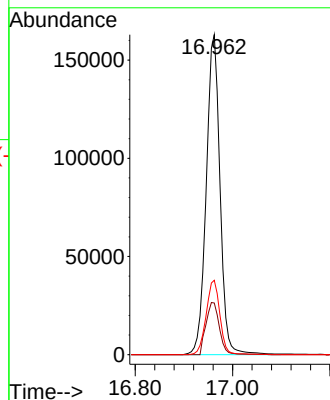
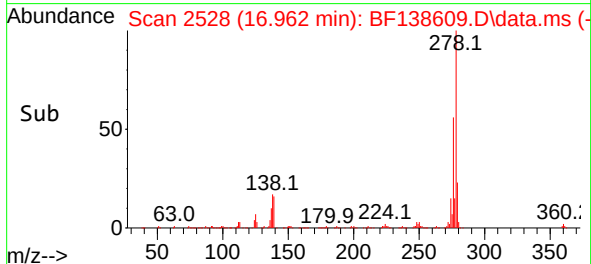


#91
Dibenzo(a,h)anthracene
Concen: 41.573 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22

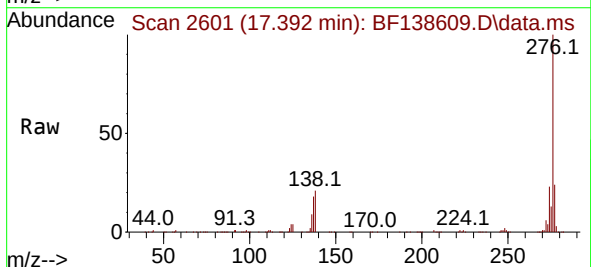
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 319639
Ion Ratio Lower Upper
278 100
139 16.2 12.8 19.2
279 23.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 41.315 ng
RT: 17.392 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF138609.D
Acq: 23 Jul 2024 10:22



Tgt Ion:276 Resp: 336840
Ion Ratio Lower Upper
276 100
277 23.6 18.0 27.0
138 21.4 15.5 23.3

