

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139074.D
 Acq On : 19 Aug 2024 15:17
 Operator : RC/JU
 Sample : PB162549BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162549BS

Quant Time: Aug 19 15:52:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	53446	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	218483	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	118610	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	200989	20.000	ng	0.00
76) Chrysene-d12	14.004	240	98614	20.000	ng	0.00
86) Perylene-d12	15.468	264	91613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	448311	129.483	ng	0.01
7) Phenol-d6	6.493	99	592206	127.397	ng	0.00
23) Nitrobenzene-d5	7.410	82	394404	88.258	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	129152	132.931	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	714599	90.522	ng	-0.01
79) Terphenyl-d14	12.939	244	639839	108.632	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	46841	30.902	ng	96
3) Pyridine	3.446	79	115628	31.489	ng	92
4) n-Nitrosodimethylamine	3.416	42	118614	54.237	ng	82
6) Aniline	6.504	93	125340	30.234	ng	# 1
8) 2-Chlorophenol	6.628	128	174358	47.865	ng	100
9) Benzaldehyde	6.393	77	52800	18.948	ng	97
10) Phenol	6.504	94	224319	45.832	ng	84
11) bis(2-Chloroethyl)ether	6.575	93	163316	43.362	ng	99
12) 1,3-Dichlorobenzene	6.775	146	178585	43.796	ng	98
13) 1,4-Dichlorobenzene	6.851	146	184853	44.921	ng	100
14) 1,2-Dichlorobenzene	7.004	146	172341	44.813	ng	98
15) Benzyl Alcohol	6.992	79	161146	48.098	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	290030	44.746	ng	52
17) 2-Methylphenol	7.110	107	141147	46.924	ng	# 85
18) Hexachloroethane	7.340	117	70498	45.512	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	136731	48.700	ng	95
20) 3+4-Methylphenols	7.263	107	187249	48.518	ng	# 74
22) Acetophenone	7.251	105	237541	44.404	ng	98
24) Nitrobenzene	7.428	77	202358	44.501	ng	98
25) Isophorone	7.663	82	357008	46.786	ng	97
26) 2-Nitrophenol	7.739	139	92222	47.139	ng	90
27) 2,4-Dimethylphenol	7.781	122	115949	49.535	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	206376	44.413	ng	99
29) 2,4-Dichlorophenol	7.992	162	144153	47.926	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	156828	45.181	ng	98
31) Naphthalene	8.139	128	510643	44.403	ng	99
32) Benzoic acid	7.951	122	53578	29.118	ng	94
33) 4-Chloroaniline	8.198	127	92331	23.918	ng	96
34) Hexachlorobutadiene	8.251	225	95623	45.482	ng	98
35) Caprolactam	8.586	113	26266	29.266	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	165863	48.251	ng	98
37) 2-Methylnaphthalene	8.828	142	336414	46.319	ng	99
38) 1-Methylnaphthalene	8.928	142	309880	43.540	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	144703	43.918	ng	98
41) Hexachlorocyclopentadiene	8.975	237	75711	86.222	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	88878	44.242	ng	98

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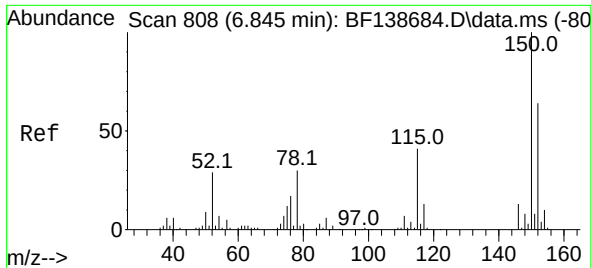
Quant Time: Aug 19 15:52:09 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	97873	44.566	ng	99
46) 1,1'-Biphenyl	9.292	154	396539	42.687	ng	99
47) 2-Chloronaphthalene	9.322	162	310669	44.967	ng	99
48) 2-Nitroaniline	9.428	65	116265	49.640	ng	94
49) Acenaphthylene	9.733	152	481779	49.168	ng	99
50) Dimethylphthalate	9.598	163	375267	49.481	ng	99
51) 2,6-Dinitrotoluene	9.669	165	81946	47.877	ng	# 84
52) Acenaphthene	9.904	154	296663	45.039	ng	99
53) 3-Nitroaniline	9.845	138	57162	32.306	ng	96
54) 2,4-Dinitrophenol	9.963	184	63130	80.125	ng	# 84
55) Dibenzofuran	10.081	168	439726	47.292	ng	98
56) 4-Nitrophenol	10.028	139	65986	62.015	ng	82
57) 2,4-Dinitrotoluene	10.081	165	106932	48.968	ng	# 77
58) Fluorene	10.422	166	357316	48.257	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	62747	37.372	ng	96
60) Diethylphthalate	10.298	149	371444	51.654	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	177517	48.747	ng	96
62) 4-Nitroaniline	10.463	138	64975	38.642	ng	86
63) Azobenzene	10.575	77	386547	48.467	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	56543	46.112	ng	93
66) n-Nitrosodiphenylamine	10.533	169	303979	48.385	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	99562	45.753	ng	100
68) Hexachlorobenzene	10.969	284	103418	46.029	ng	98
69) Atrazine	11.063	200	83808	51.705	ng	99
70) Pentachlorophenol	11.175	266	60912	60.146	ng	98
71) Phenanthrene	11.386	178	494814	47.811	ng	100
72) Anthracene	11.439	178	501843	49.222	ng	100
73) Carbazole	11.598	167	404431	45.978	ng	99
74) Di-n-butylphthalate	11.916	149	554200	56.046	ng	100
75) Fluoranthene	12.574	202	448475	46.418	ng	99
77) Benzidine	12.704	184	24318	10.310	ng	97
78) Pyrene	12.804	202	440072	47.397	ng	99
80) Butylbenzylphthalate	13.410	149	163433	54.968	ng	99
81) Benzo(a)anthracene	13.992	228	310922	45.786	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	66280	38.140	ng	98
83) Chrysene	14.033	228	295733	48.270	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	206402	47.407	ng	99
85) Di-n-octyl phthalate	14.574	149	328656	40.800	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	299184	45.570	ng	97
88) Benzo(b)fluoranthene	15.045	252	278982	49.124	ng	99
89) Benzo(k)fluoranthene	15.074	252	272296	55.378	ng	98
90) Benzo(a)pyrene	15.410	252	258127	54.036	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	249080	46.218	ng	97
92) Benzo(g,h,i)perylene	17.398	276	228350	40.832	ng	97

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

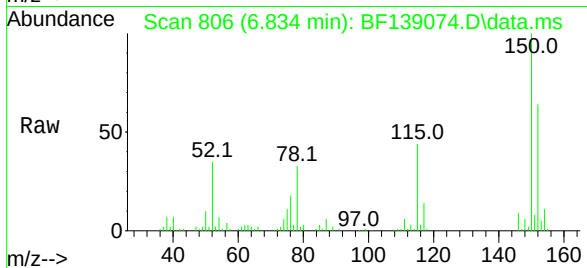
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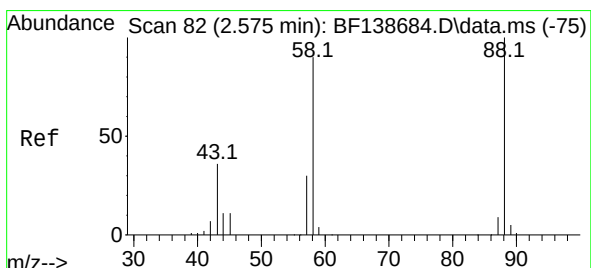
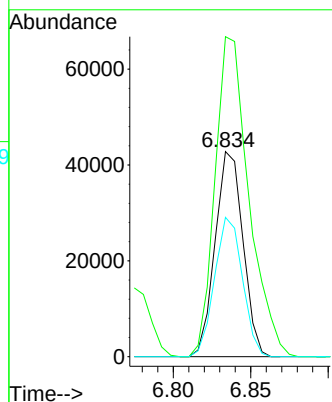
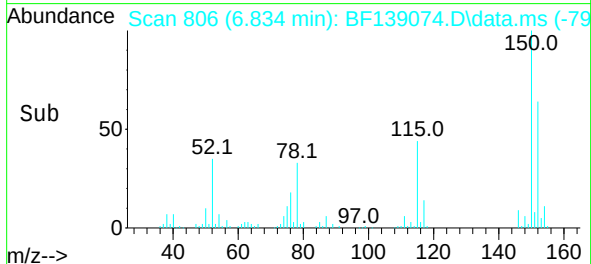


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

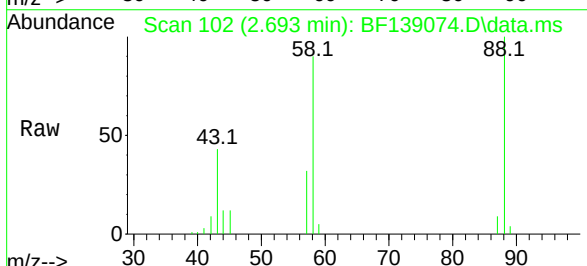
Instrument :
BNA_F
ClientSampleId :
PB162549BS



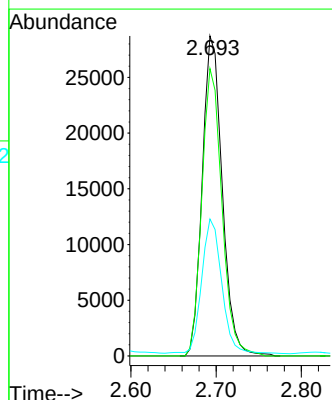
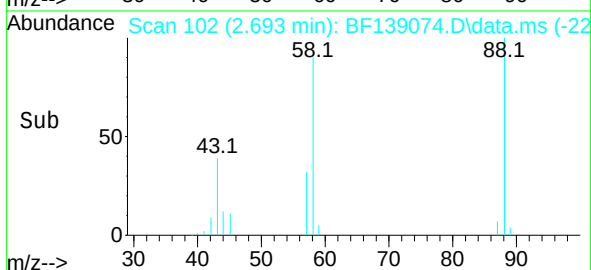
Tgt Ion:152 Resp: 53446
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 67.9 51.7 77.5

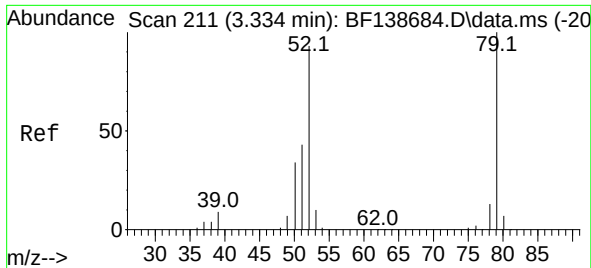


#2
1,4-Dioxane
Concen: 30.902 ng
RT: 2.693 min Scan# 102
Delta R.T. 0.118 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



Tgt Ion: 88 Resp: 46841
Ion Ratio Lower Upper
88 100
58 90.5 71.6 107.4
43 42.9 28.7 43.1





#3

Pyridine

Concen: 31.489 ng

RT: 3.446 min Scan# 211

Delta R.T. 0.112 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

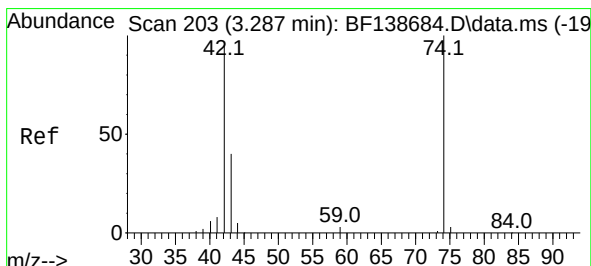
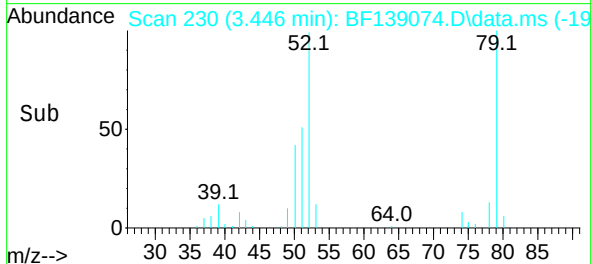
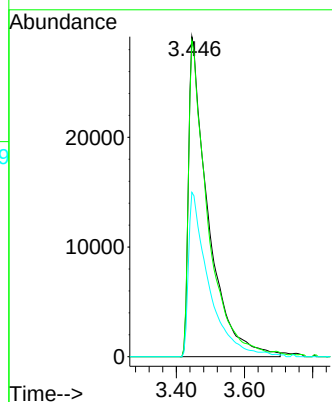
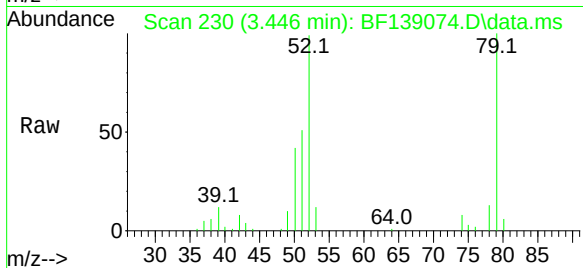
Tgt Ion: 79 Resp: 115628

Ion Ratio Lower Upper

79 100

52 98.7 74.7 112.1

51 51.3 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 54.237 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.129 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

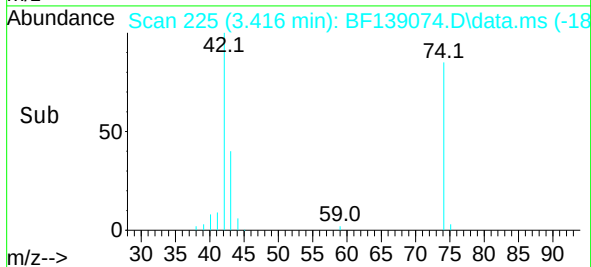
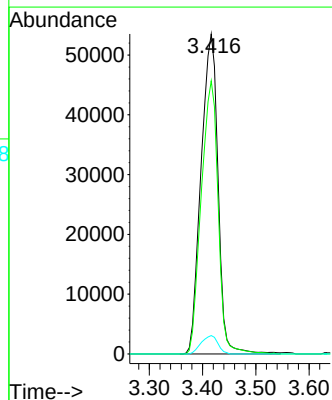
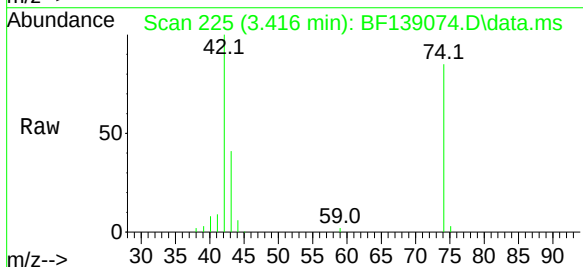
Tgt Ion: 42 Resp: 118614

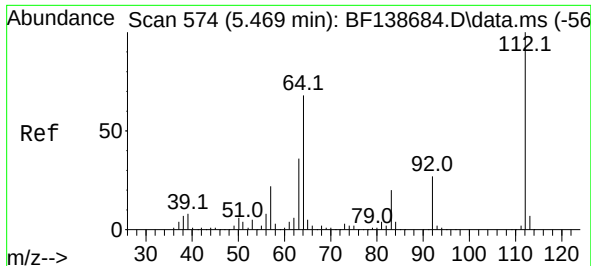
Ion Ratio Lower Upper

42 100

74 85.3 84.2 126.4

44 5.7 4.9 7.3

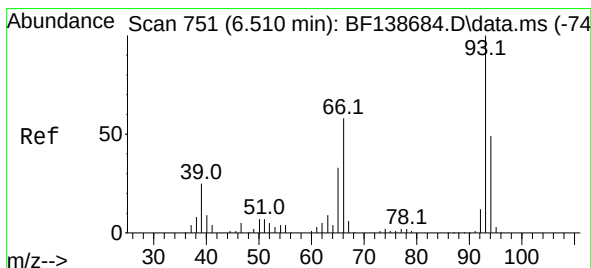
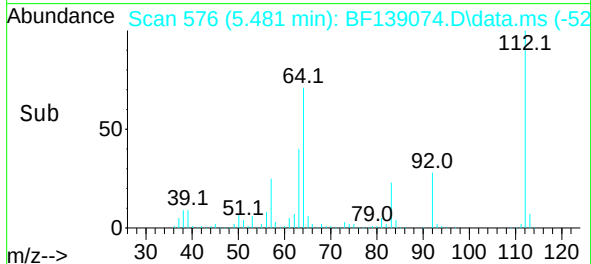
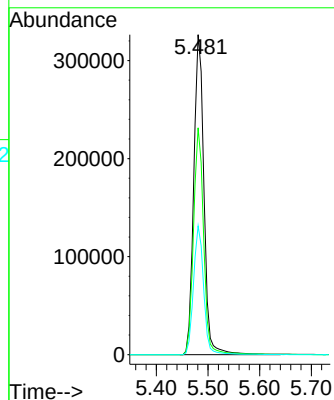
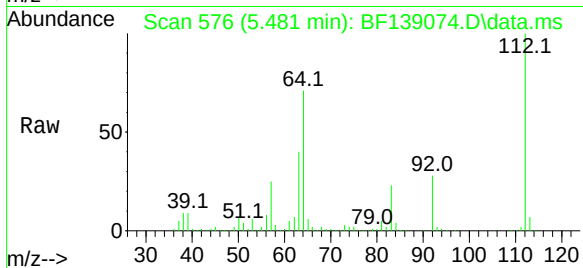




#5
2-Fluorophenol
Concen: 129.483 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

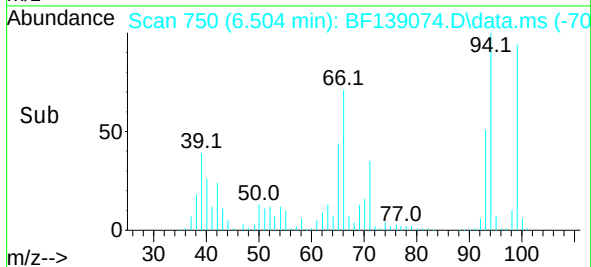
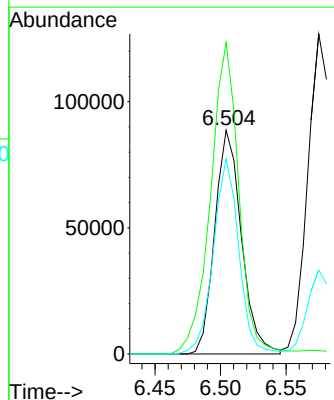
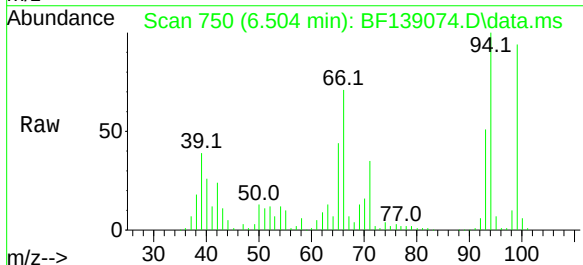
Instrument :
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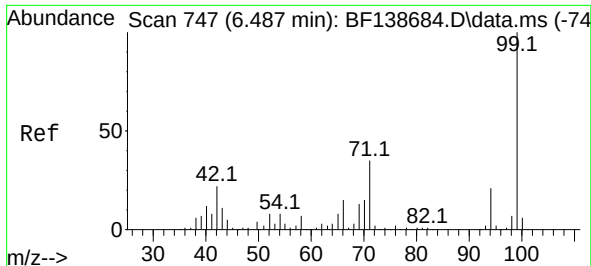
Tgt Ion:112 Resp: 448311
Ion Ratio Lower Upper
112 100
64 70.9 54.2 81.4
63 40.3 28.7 43.1



#6
Aniline
Concen: 30.234 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion: 93 Resp: 125340
Ion Ratio Lower Upper
93 100
66 139.2 46.9 70.3#
65 87.1 26.5 39.7#





#7

Phenol-d6

Concen: 127.397 ng

RT: 6.493 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

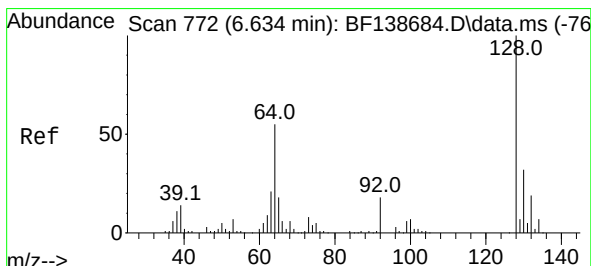
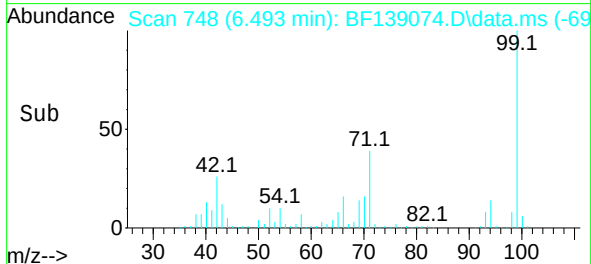
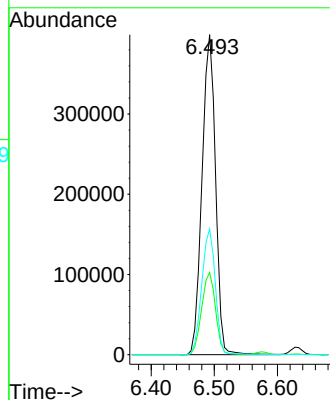
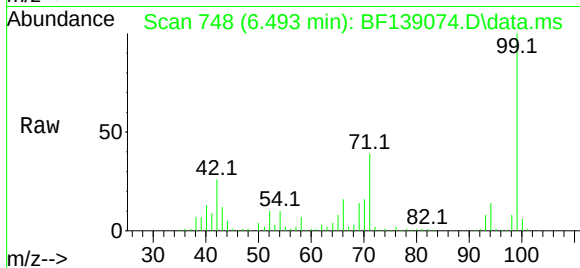
Tgt Ion: 99 Resp: 592206

Ion Ratio Lower Upper

99 100

42 25.7 17.4 26.0

71 39.3 28.1 42.1



#8

2-Chlorophenol

Concen: 47.865 ng

RT: 6.628 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

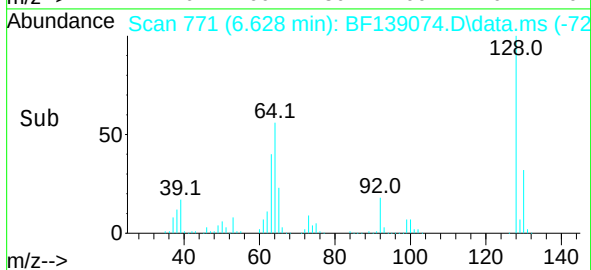
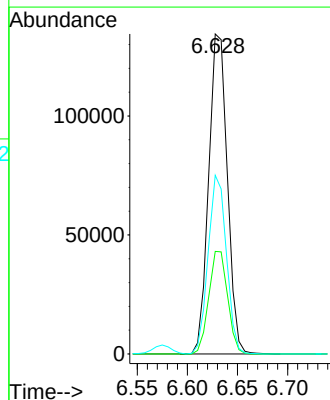
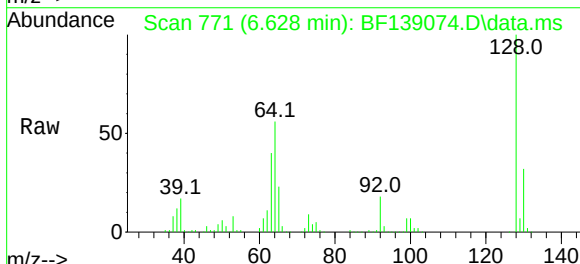
Tgt Ion:128 Resp: 174358

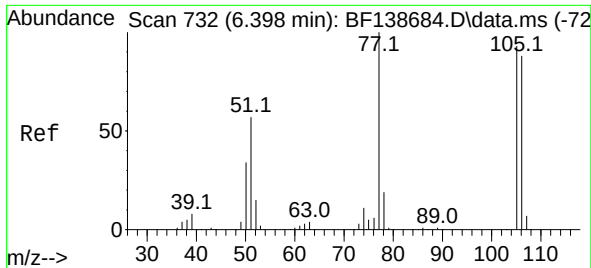
Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

64 55.9 36.3 76.3





#9

Benzaldehyde

Concen: 18.948 ng

RT: 6.393 min Scan# 71

Delta R.T. -0.005 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

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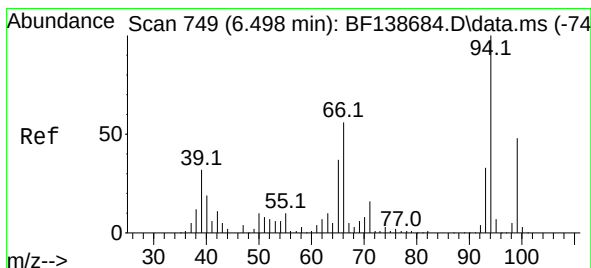
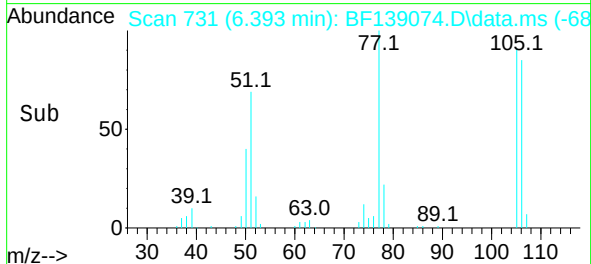
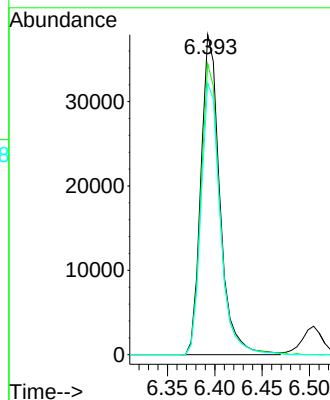
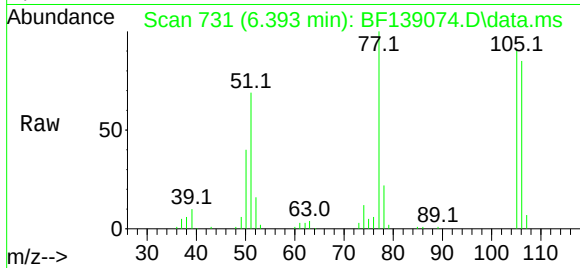
Tgt Ion: 77 Resp: 52800

Ion Ratio Lower Upper

77 100

105 90.9 72.9 112.9

106 84.9 68.4 108.4



#10

Phenol

Concen: 45.832 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

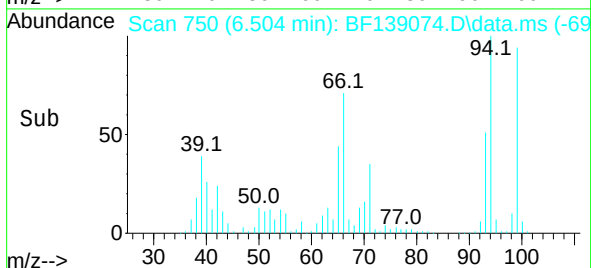
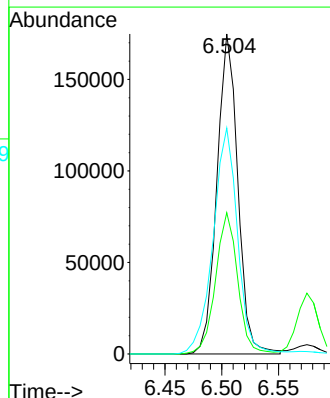
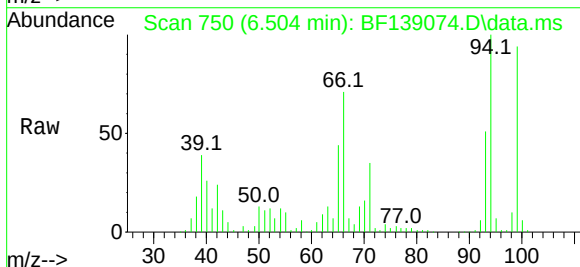
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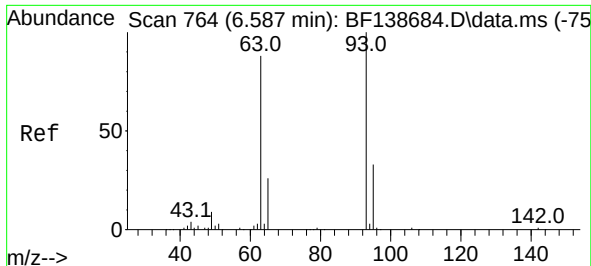
Ion Ratio Lower Upper

94 100

65 44.2 16.9 56.9

66 70.6 36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 43.362 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.012 min

Lab File: BF139074.D

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Instrument :

BNA_F

ClientSampleId :

PB162549BS

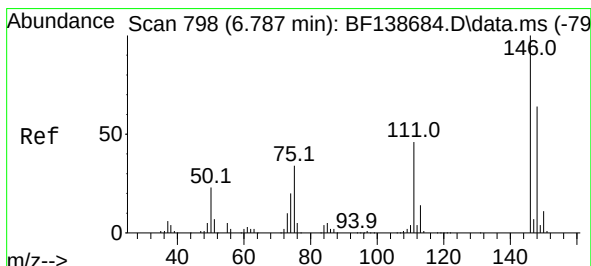
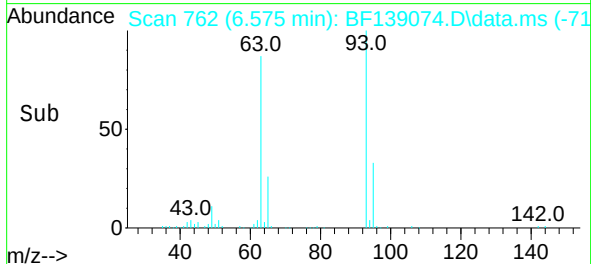
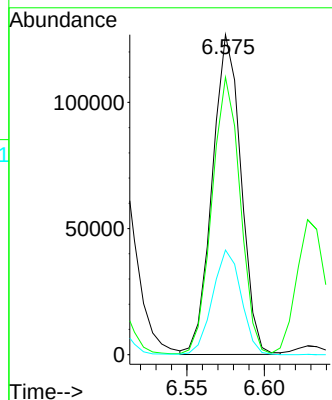
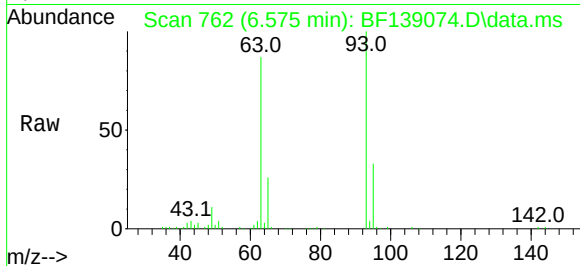
Tgt Ion: 93 Resp: 163316

Ion Ratio Lower Upper

93 100

63 86.7 65.3 105.3

95 32.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.796 ng

RT: 6.775 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

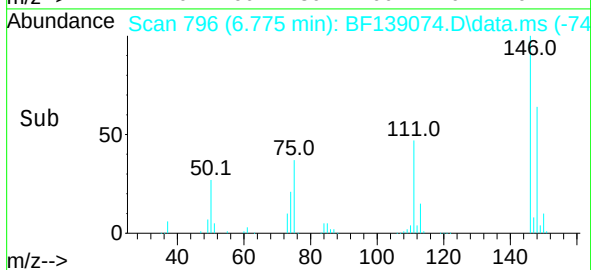
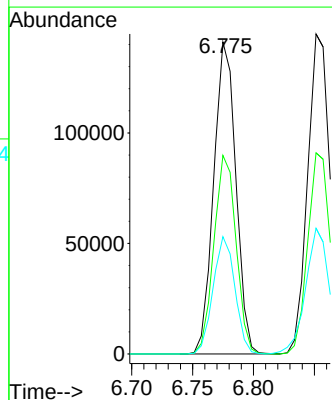
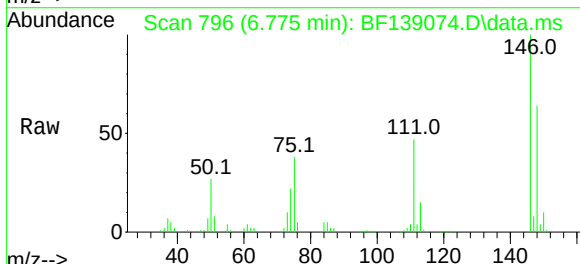
Tgt Ion:146 Resp: 178585

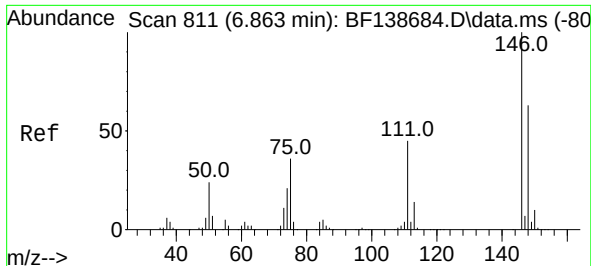
Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

75 37.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.921 ng

RT: 6.851 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

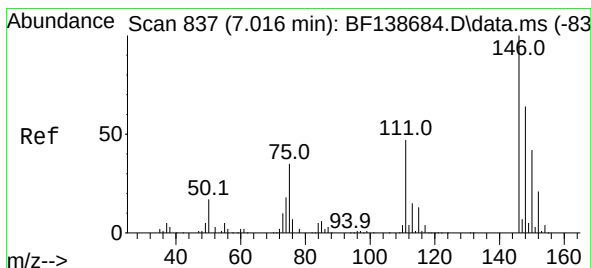
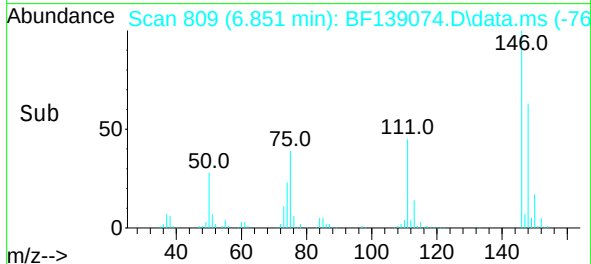
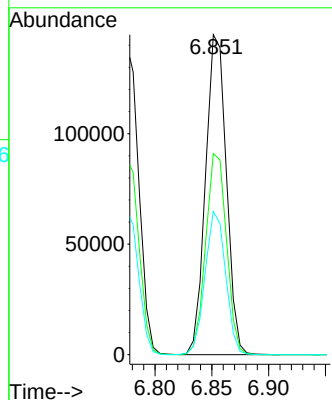
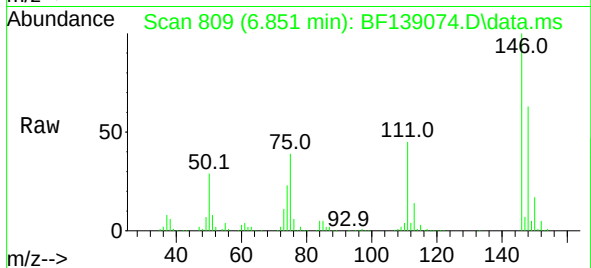
Tgt Ion:146 Resp: 184853

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

111 44.8 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.813 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

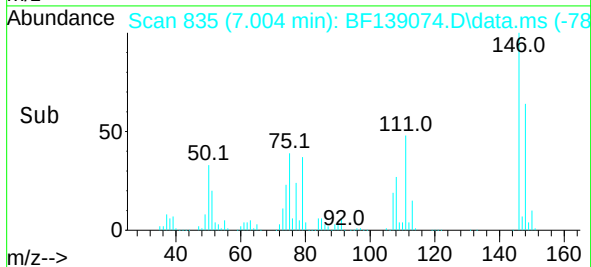
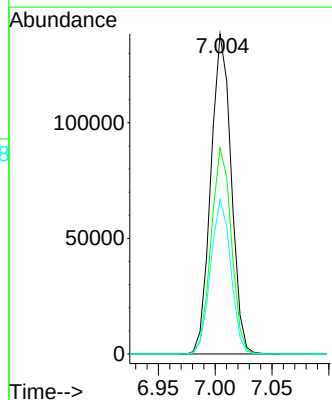
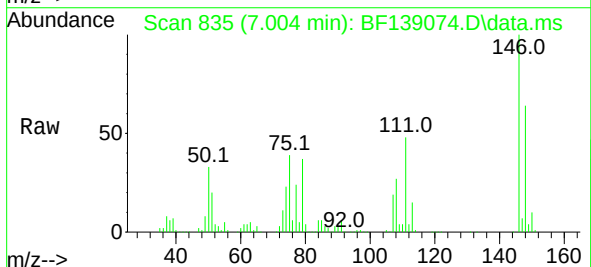
Tgt Ion:146 Resp: 172341

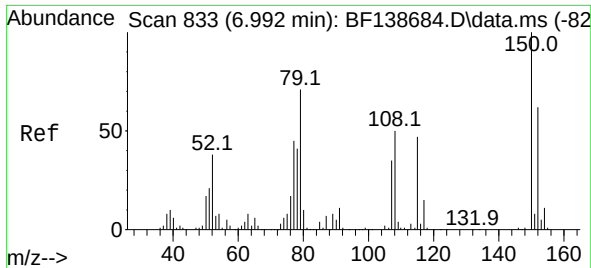
Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

111 48.3 37.4 56.2

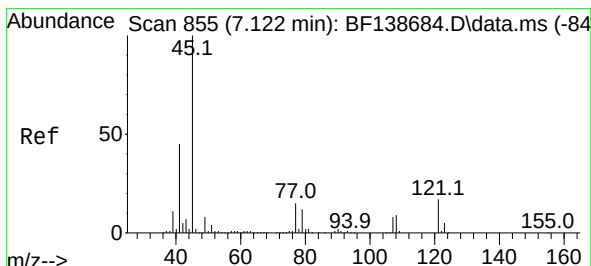
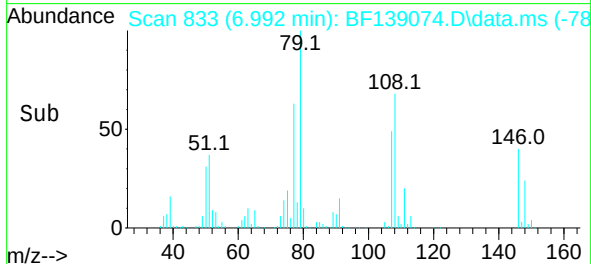
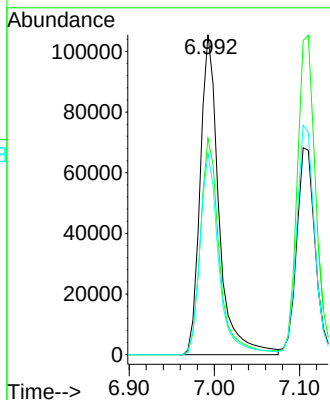
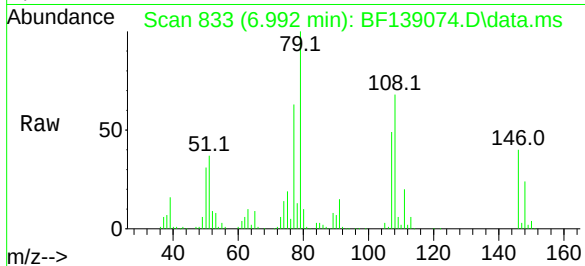




#15
Benzyl Alcohol
Concen: 48.098 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

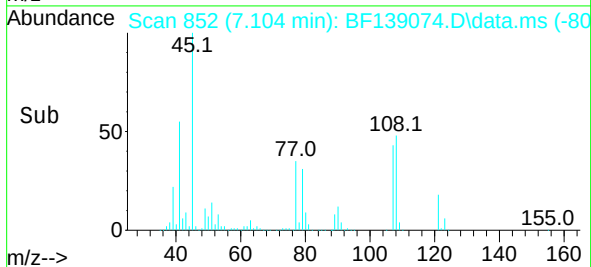
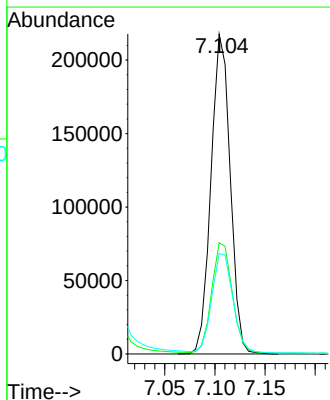
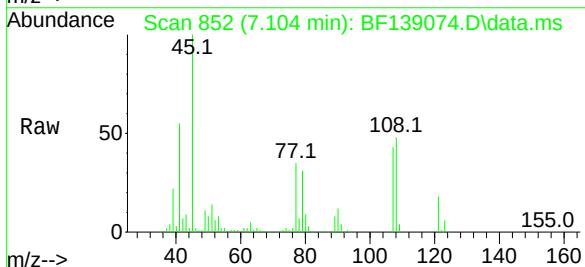
Instrument :
BNA_F
ClientSampleId :
PB162549BS

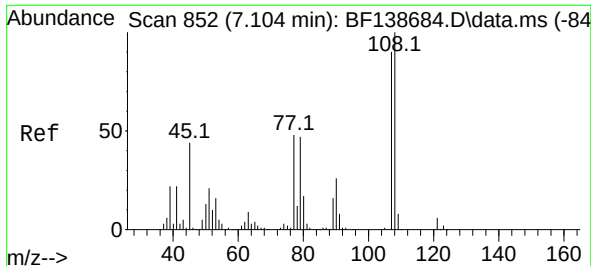
Tgt Ion: 79 Resp: 161146
Ion Ratio Lower Upper
79 100
108 67.6 56.6 85.0
77 62.8 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.746 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion: 45 Resp: 290030
Ion Ratio Lower Upper
45 100
77 34.8 0.0 34.9
79 31.3 0.0 32.2

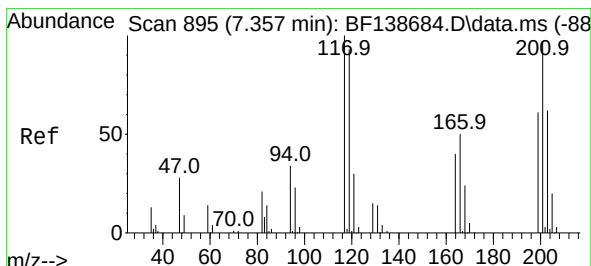
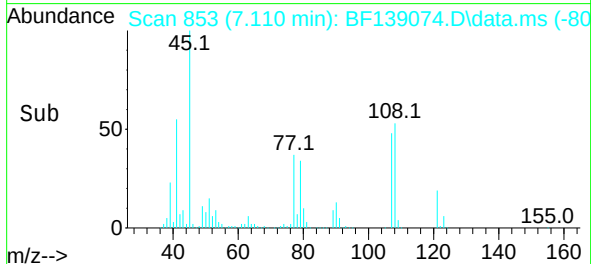
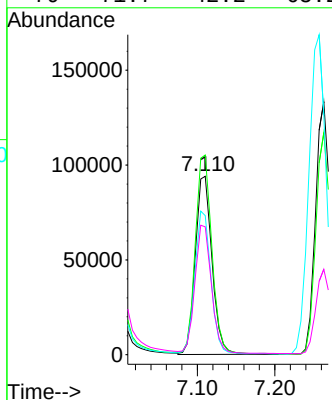
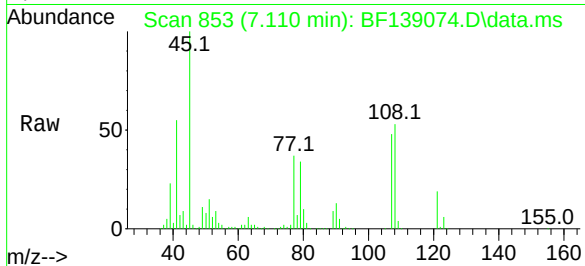




#17
2-Methylphenol
Concen: 46.924 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

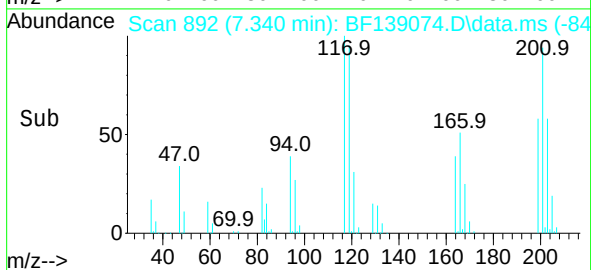
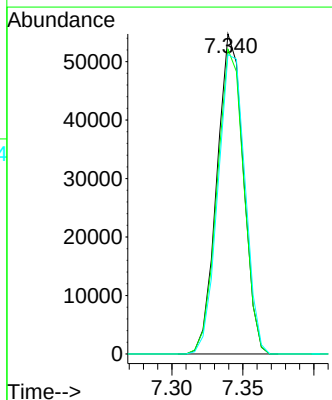
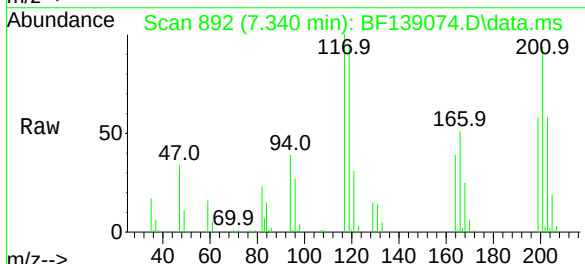
Instrument :
BNA_F
ClientSampleId :
PB162549BS

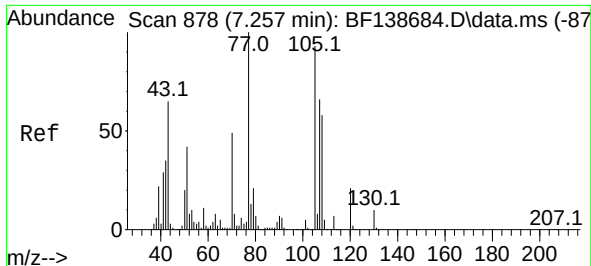
Tgt Ion:107 Resp: 141147
Ion Ratio Lower Upper
107 100
108 112.0 89.2 133.8
77 77.9 43.0 64.4#
79 71.7 42.2 63.2#



#18
Hexachloroethane
Concen: 45.512 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:117 Resp: 70498
Ion Ratio Lower Upper
117 100
119 95.2 74.6 111.8
201 93.6 77.2 115.8



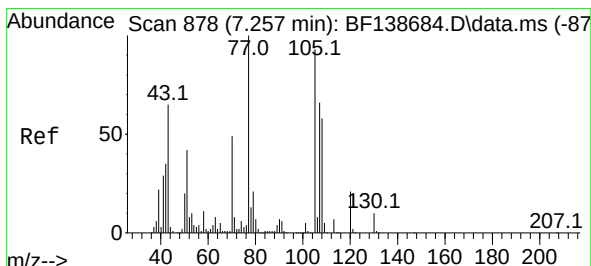
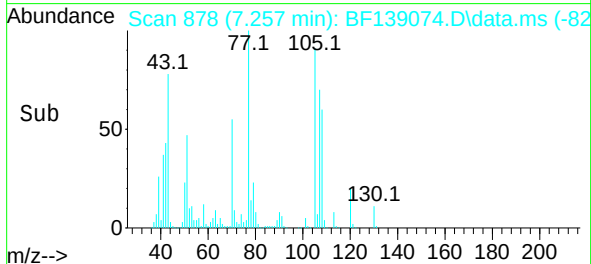
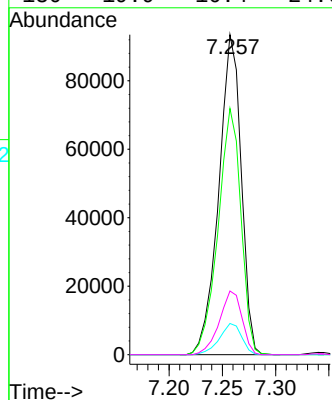
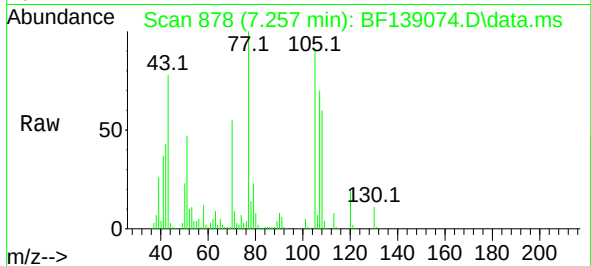


#19
n-Nitroso-di-n-propylamine
Concen: 48.700 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :
BNA_F
ClientSampleId :
PB162549BS

Tgt Ion: 70 Resp: 136731

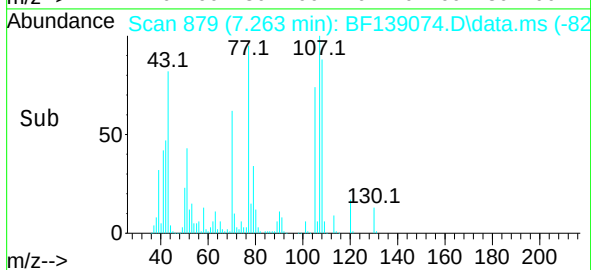
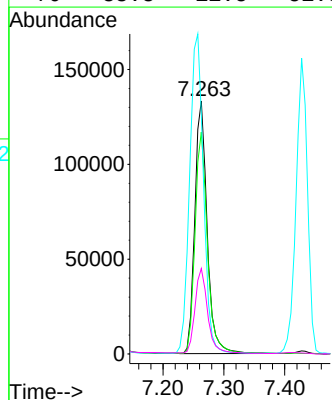
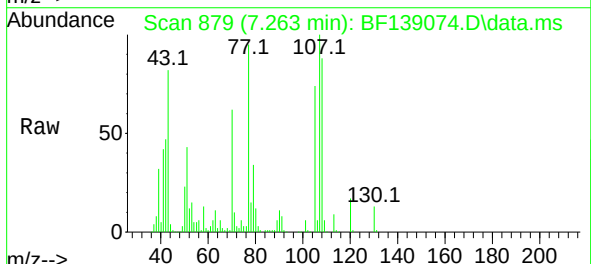
Ion	Ratio	Lower	Upper
70	100		
42	77.0	57.4	86.0
101	9.8	7.5	11.3
130	19.9	16.4	24.6

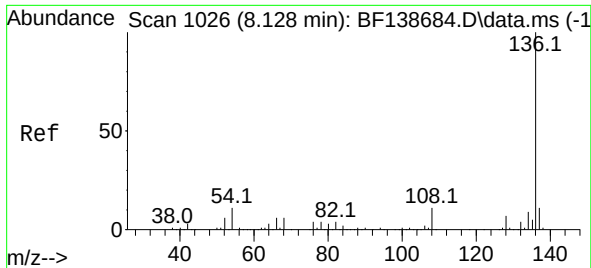


#20
3+4-Methylphenols
Concen: 48.518 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion: 107 Resp: 187249

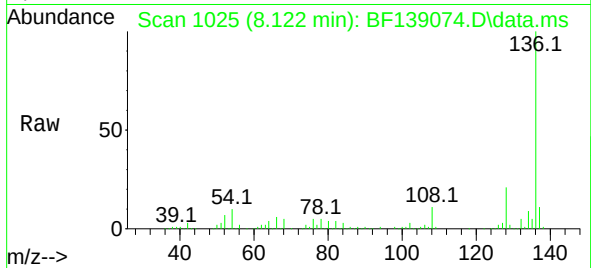
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.2	108.2
77	94.8	132.1	172.1#
79	33.8	11.5	51.5





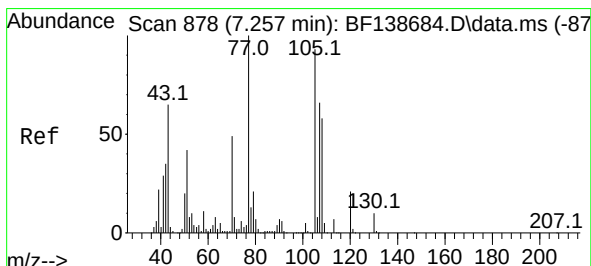
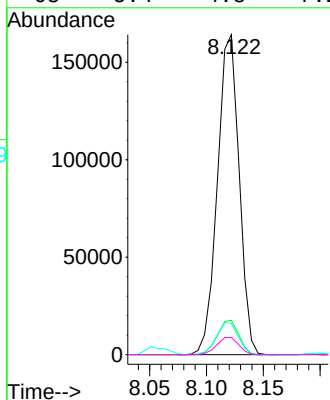
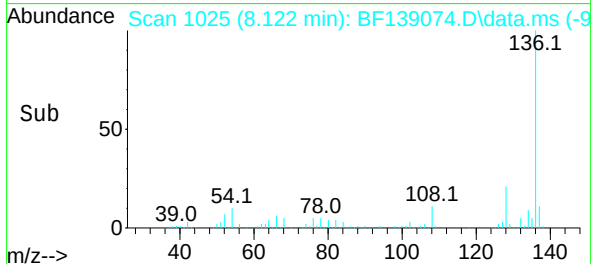
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :
BNA_F
ClientSampleId :
PB162549BS

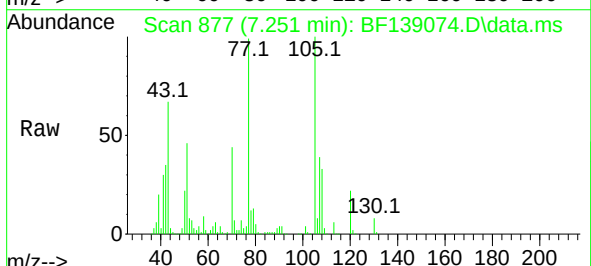


Tgt Ion:136 Resp: 218483

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.8	8.6	12.8
68	5.4	4.8	7.2

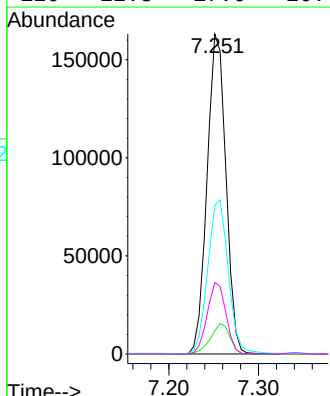
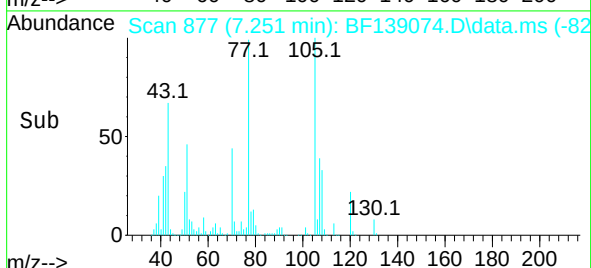


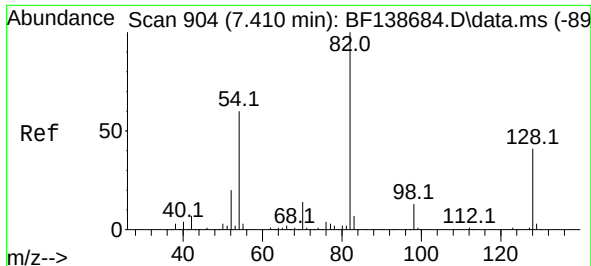
#22
Acetophenone
Concen: 44.404 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



Tgt Ion:105 Resp: 237541

Ion	Ratio	Lower	Upper
105	100		
71	7.3	7.2	10.8
51	46.4	35.9	53.9
120	22.3	17.6	26.4





#23

Nitrobenzene-d5

Concen: 88.258 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

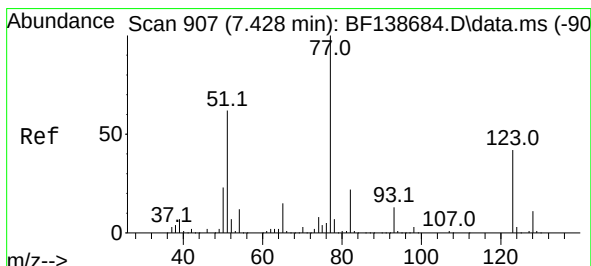
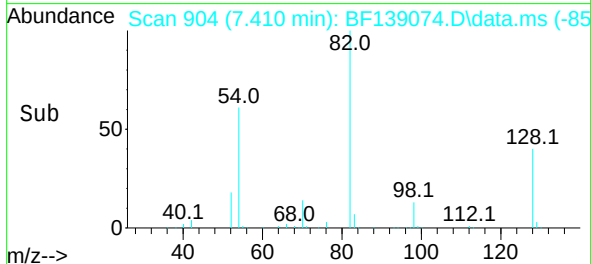
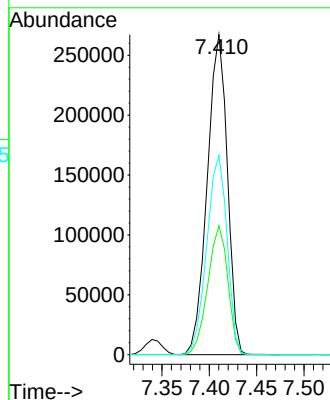
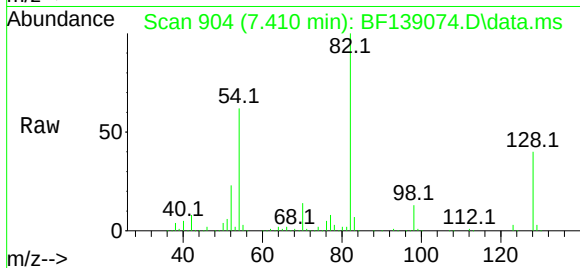
Tgt Ion: 82 Resp: 394404

Ion Ratio Lower Upper

82 100

128 40.3 32.8 49.2

54 62.3 48.3 72.5



#24

Nitrobenzene

Concen: 44.501 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

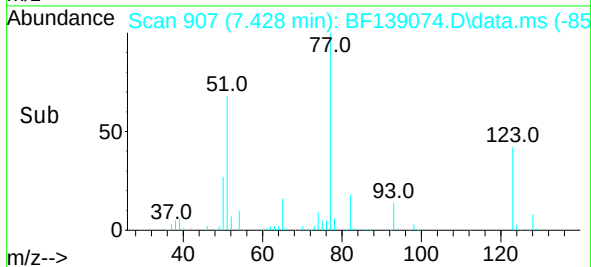
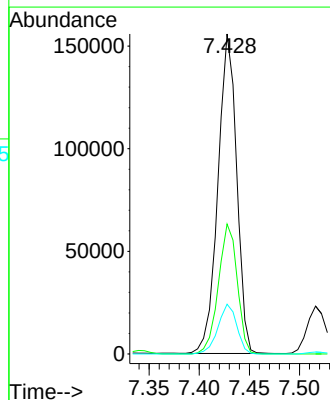
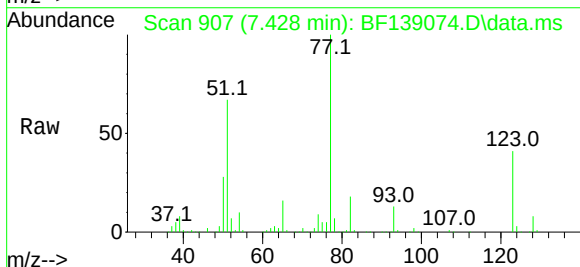
Tgt Ion: 77 Resp: 202358

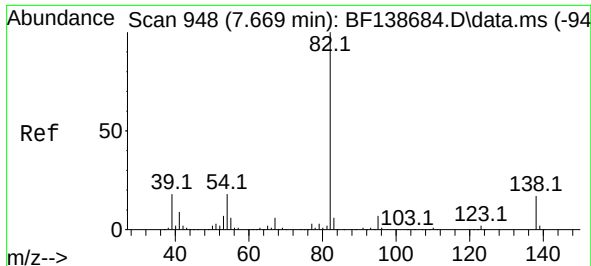
Ion Ratio Lower Upper

77 100

123 40.6 33.3 49.9

65 15.6 11.9 17.9

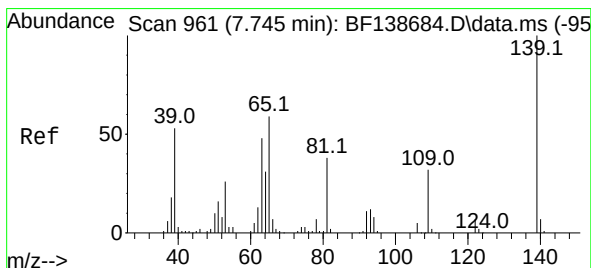
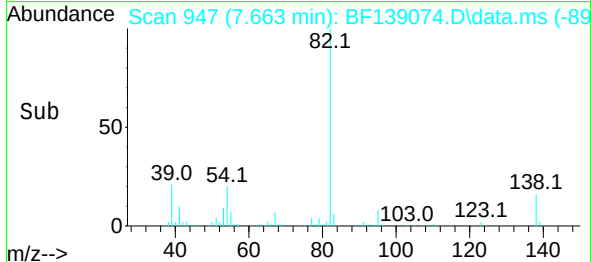
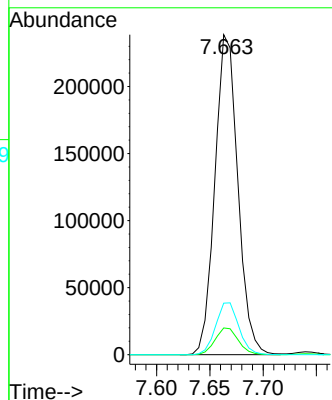
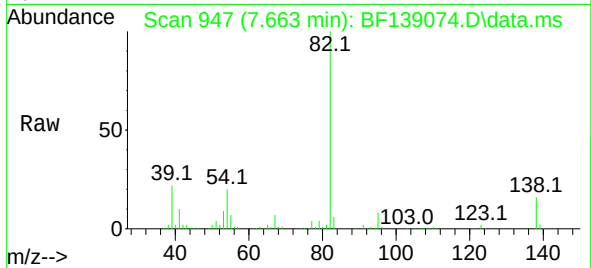




#25
Isophorone
Concen: 46.786 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

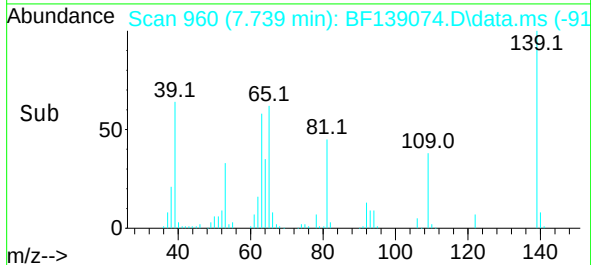
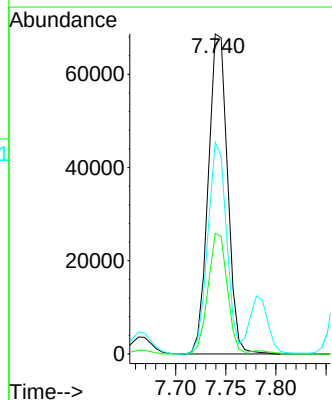
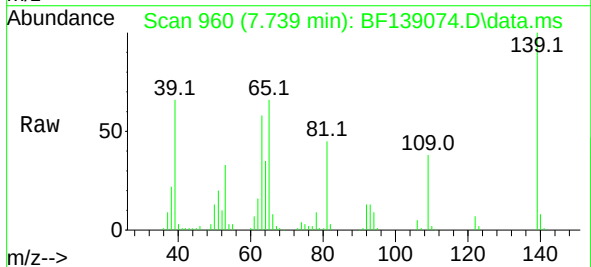
Instrument :
BNA_F
ClientSampleId :
PB162549BS

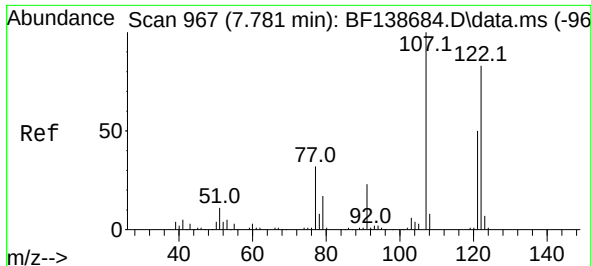
Tgt Ion: 82 Resp: 357008
Ion Ratio Lower Upper
82 100
95 8.4 5.7 8.5
138 16.1 13.7 20.5



#26
2-Nitrophenol
Concen: 47.139 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:139 Resp: 92222
Ion Ratio Lower Upper
139 100
109 37.7 25.9 38.9
65 66.2 47.0 70.6

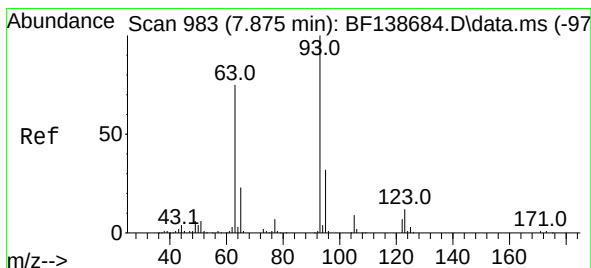
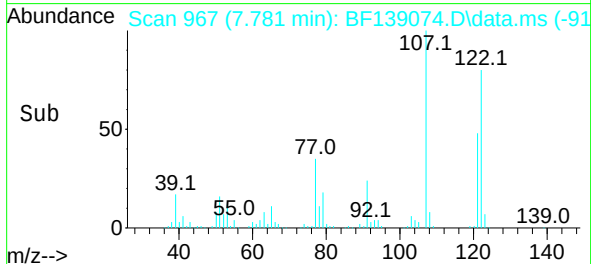
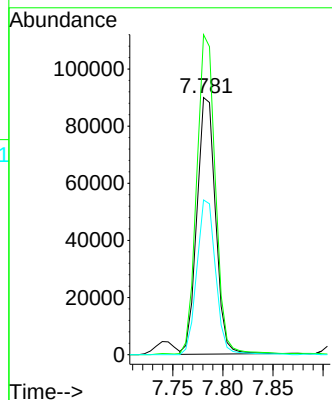
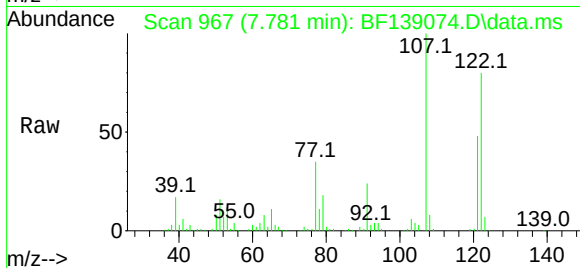




#27
2,4-Dimethylphenol
Concen: 49.535 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

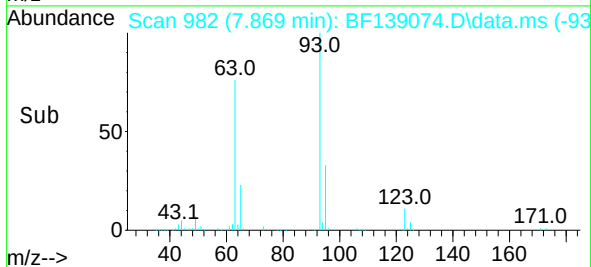
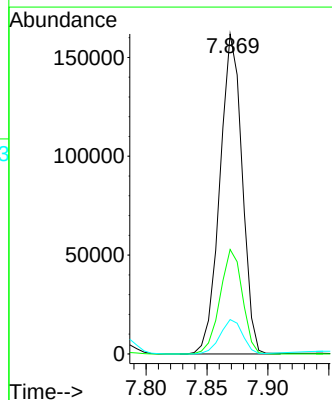
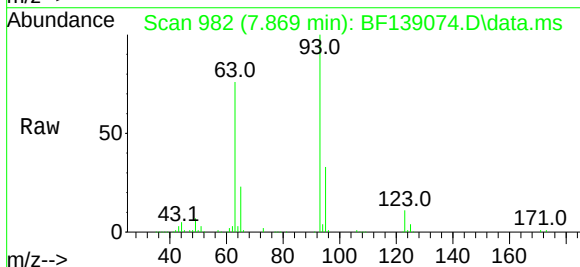
Instrument :
BNA_F
ClientSampleId :
PB162549BS

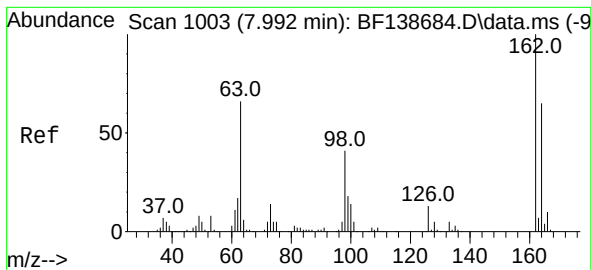
Tgt Ion:122 Resp: 115949
Ion Ratio Lower Upper
122 100
107 124.4 95.0 142.6
121 60.2 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 44.413 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion: 93 Resp: 206376
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.926 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF139074.D

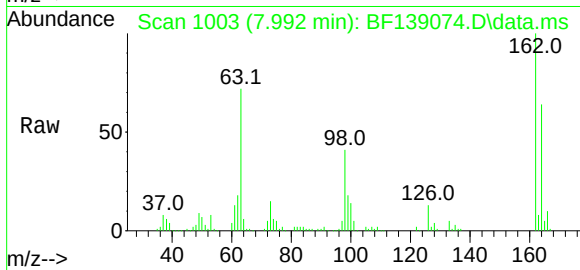
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS



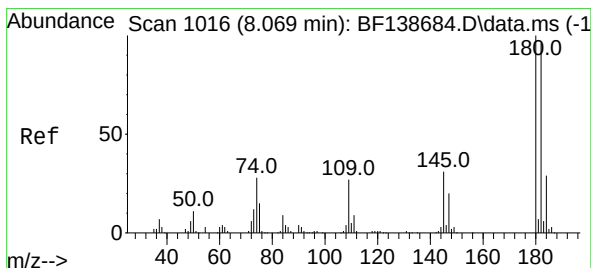
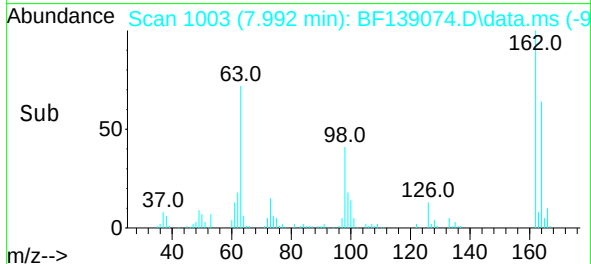
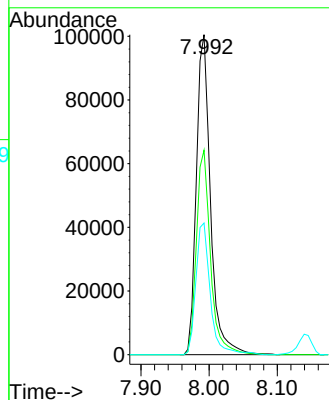
Tgt Ion:162 Resp: 144153

Ion Ratio Lower Upper

162 100

164 63.9 44.7 84.7

98 41.1 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 45.181 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

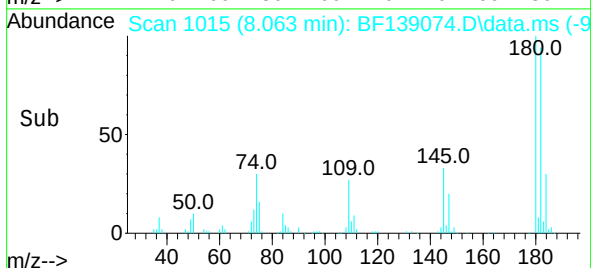
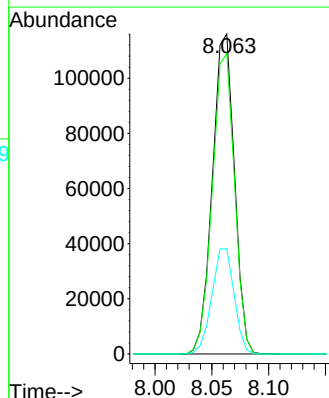
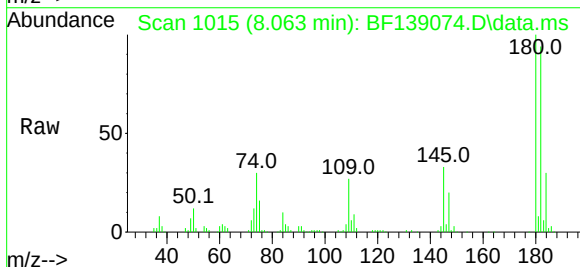
Tgt Ion:180 Resp: 156828

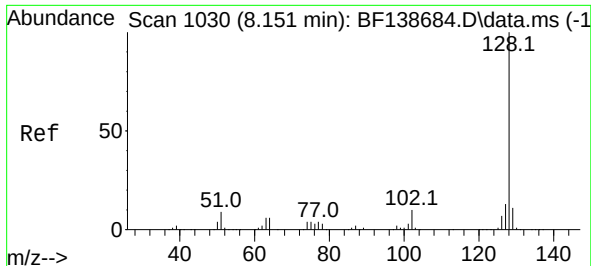
Ion Ratio Lower Upper

180 100

182 93.9 76.9 115.3

145 32.9 25.0 37.4





#31

Naphthalene

Concen: 44.403 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

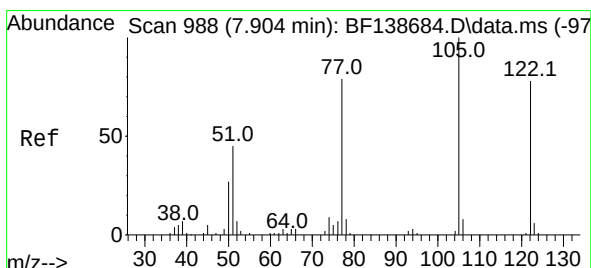
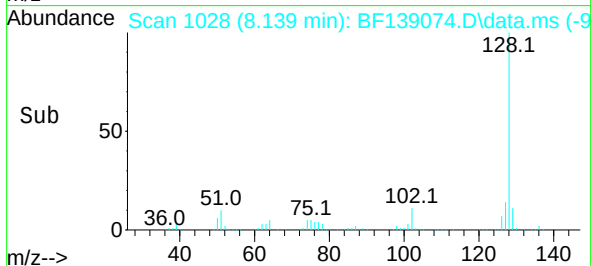
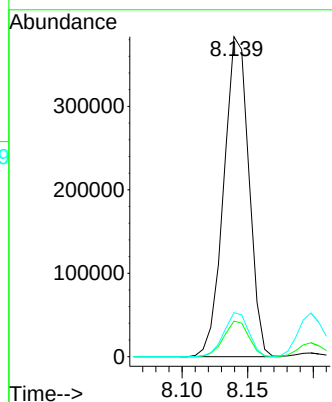
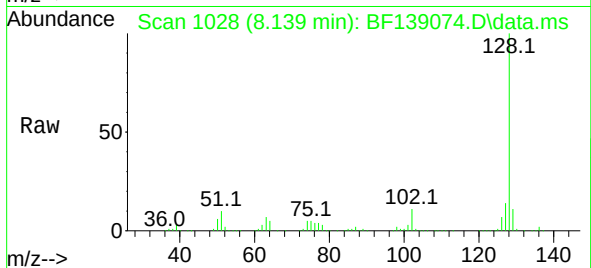
Tgt Ion:128 Resp: 510643

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.7 10.6 16.0



#32

Benzoic acid

Concen: 29.118 ng

RT: 7.951 min Scan# 996

Delta R.T. 0.047 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

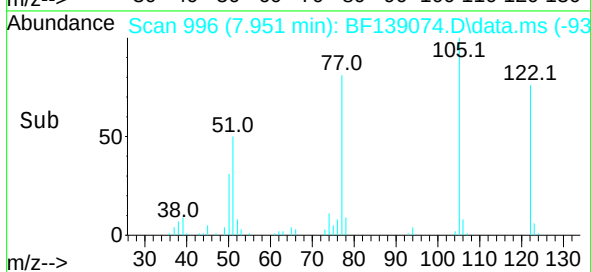
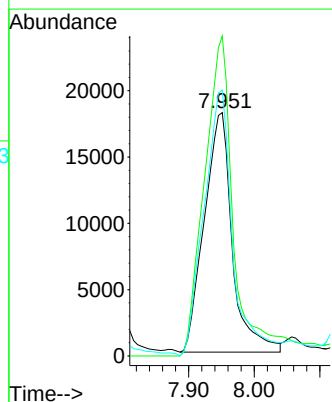
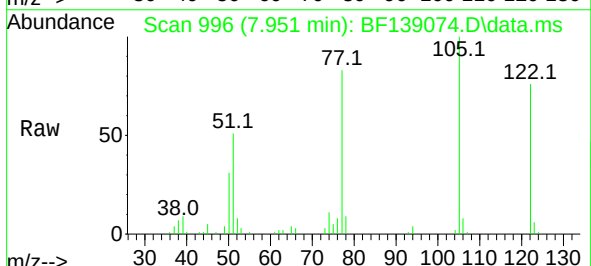
Tgt Ion:122 Resp: 53578

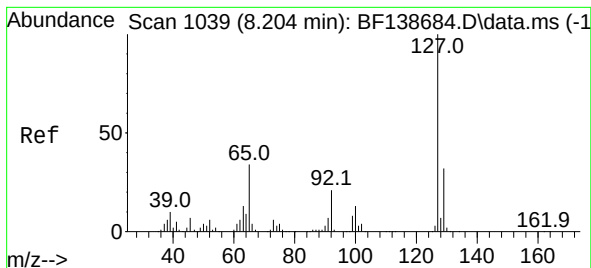
Ion Ratio Lower Upper

122 100

105 131.5 106.7 146.7

77 109.2 81.1 121.1





#33

4-Chloroaniline

Concen: 23.918 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

Tgt Ion:127 Resp: 92331

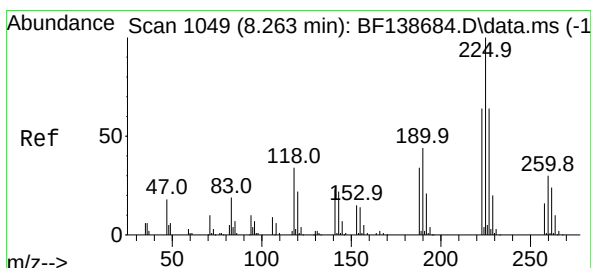
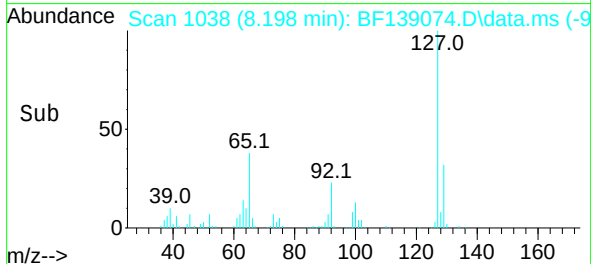
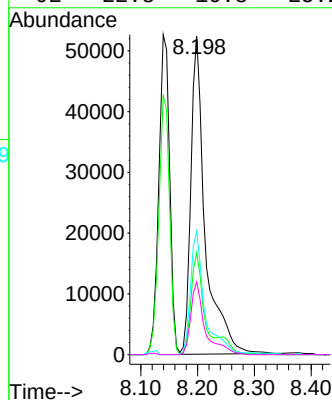
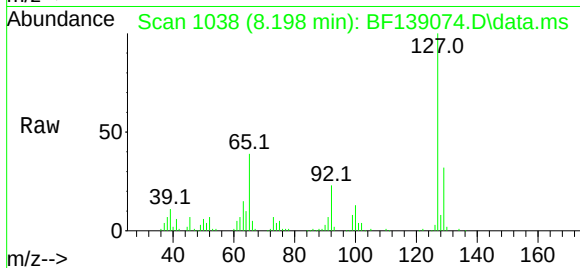
Ion Ratio Lower Upper

127 100

129 32.0 25.9 38.9

65 38.7 27.6 41.4

92 22.8 16.8 25.2



#34

Hexachlorobutadiene

Concen: 45.482 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

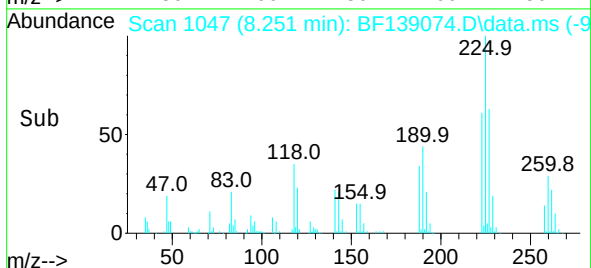
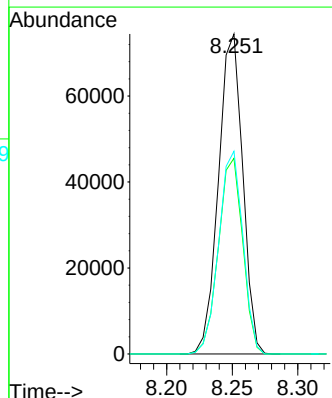
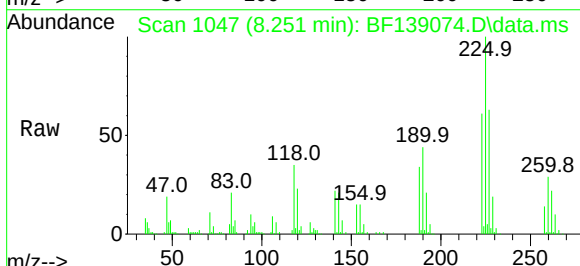
Tgt Ion:225 Resp: 95623

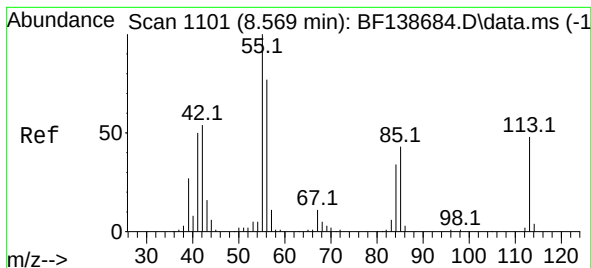
Ion Ratio Lower Upper

225 100

223 61.2 51.2 76.8

227 63.4 51.1 76.7





#35

Caprolactam

Concen: 29.266 ng

RT: 8.586 min Scan# 1101

Delta R.T. 0.018 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

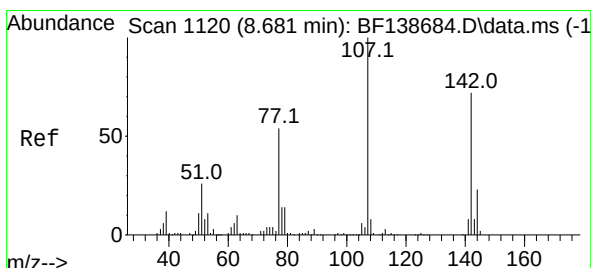
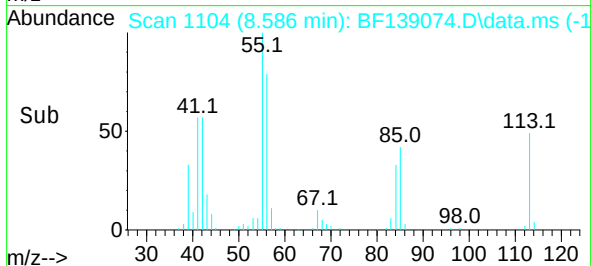
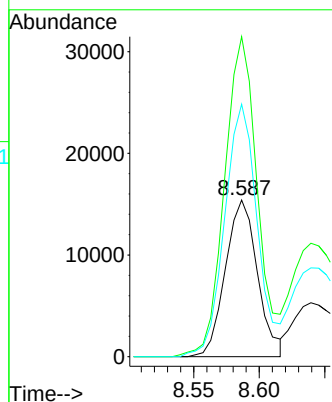
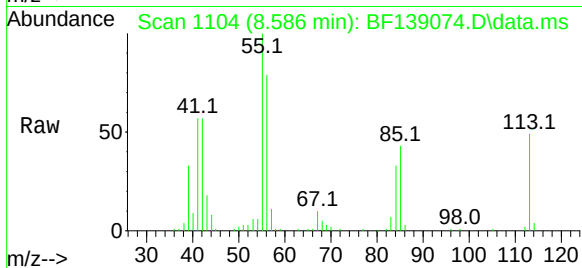
Tgt Ion:113 Resp: 26266

Ion Ratio Lower Upper

113 100

55 204.2 186.7 226.7

56 161.1 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 48.251 ng

RT: 8.692 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

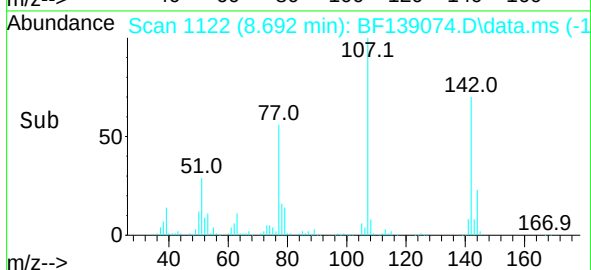
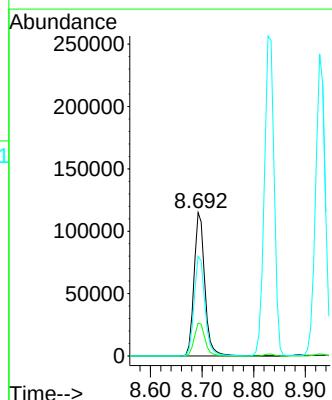
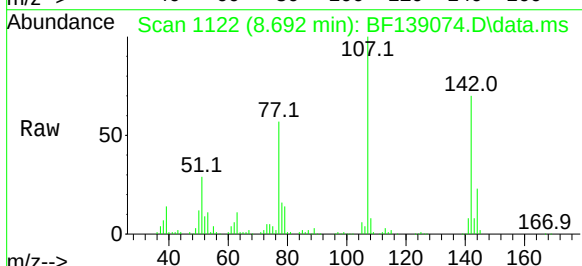
Tgt Ion:107 Resp: 165863

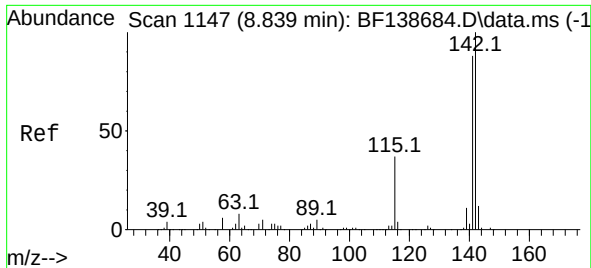
Ion Ratio Lower Upper

107 100

144 22.9 18.2 27.2

142 69.5 57.4 86.2





#37

2-Methylnaphthalene

Concen: 46.319 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

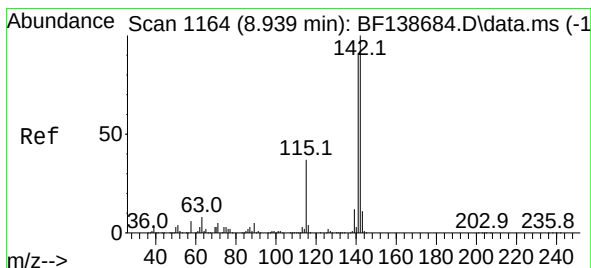
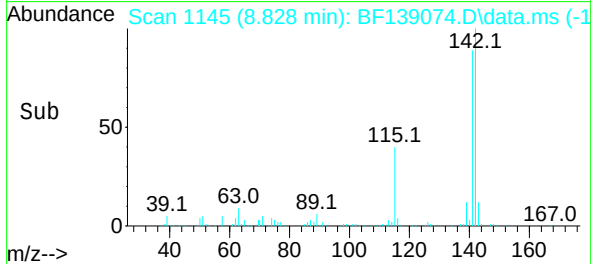
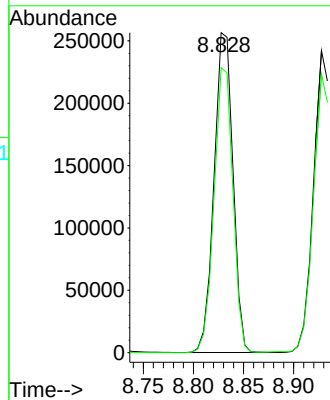
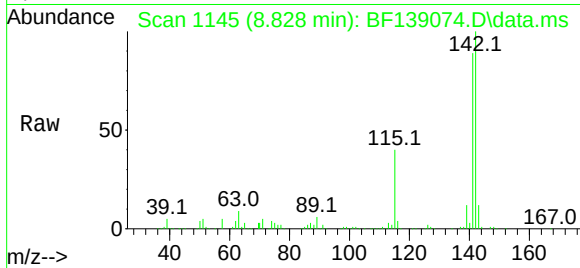
PB162549BS

Tgt Ion:142 Resp: 336414

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 43.540 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139074.D

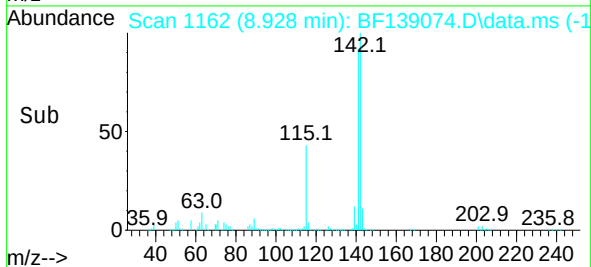
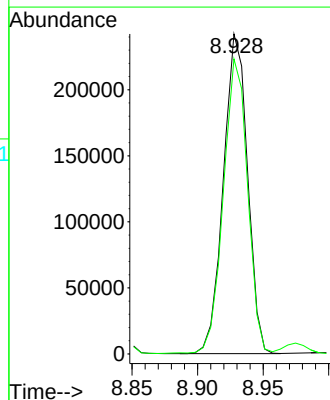
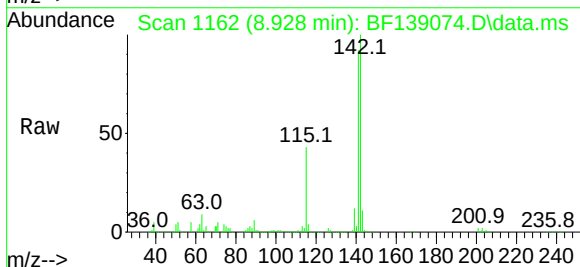
Acq: 19 Aug 2024 15:17

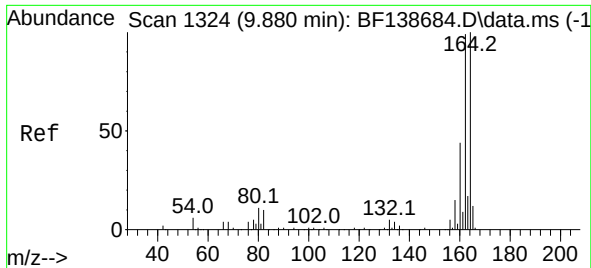
Tgt Ion:142 Resp: 309880

Ion Ratio Lower Upper

142 100

141 92.2 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

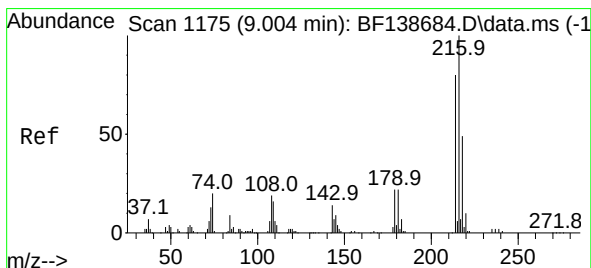
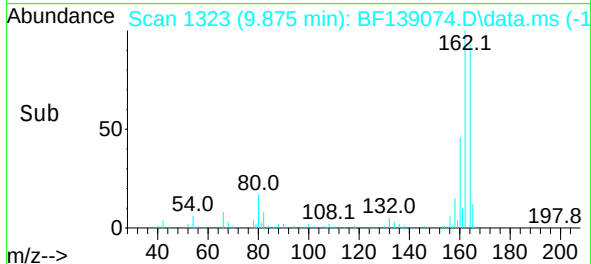
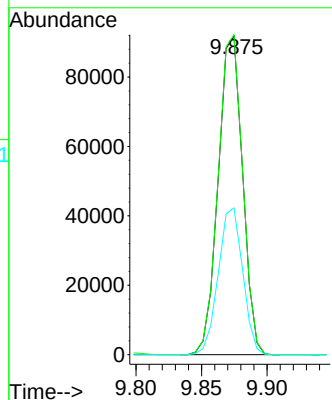
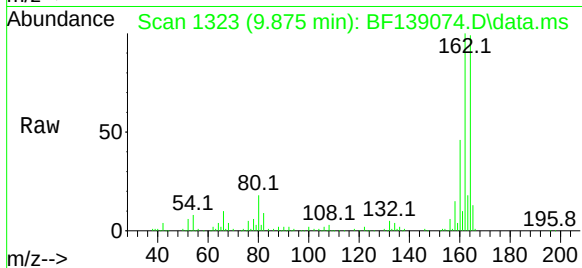
Tgt Ion:164 Resp: 118610

Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.0

160 46.1 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.918 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion:216 Resp: 144703

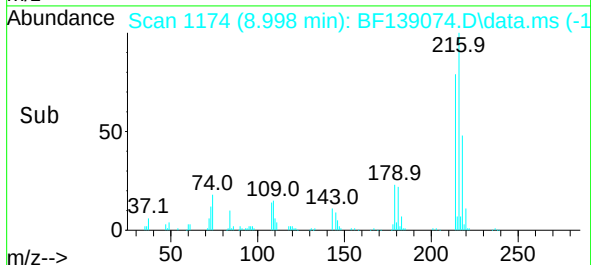
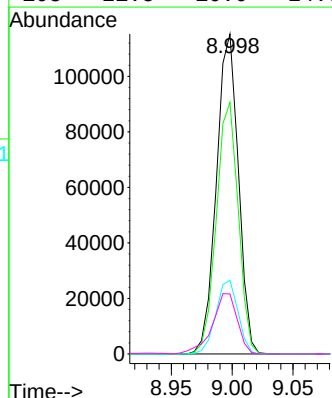
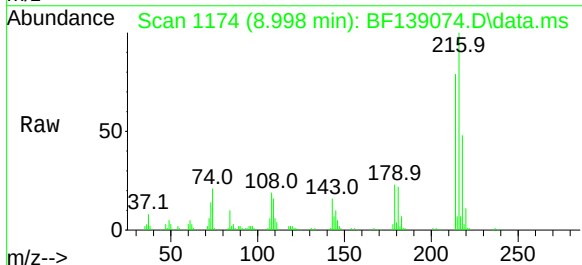
Ion Ratio Lower Upper

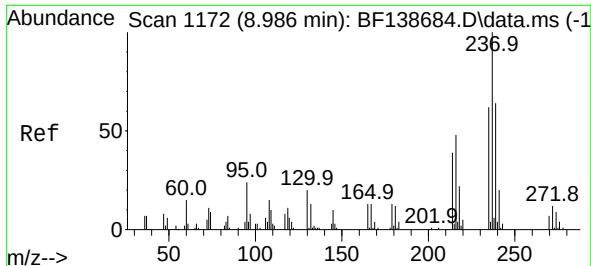
216 100

214 78.3 63.9 95.9

179 23.3 17.8 26.6

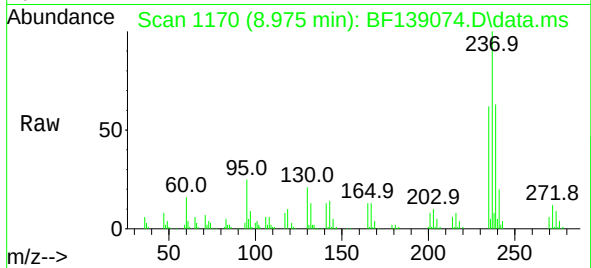
108 21.5 16.0 24.0



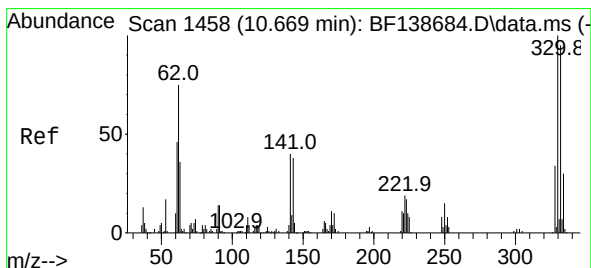
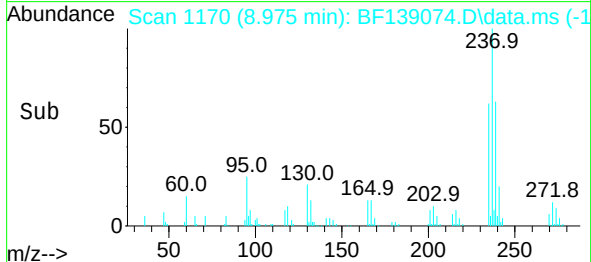
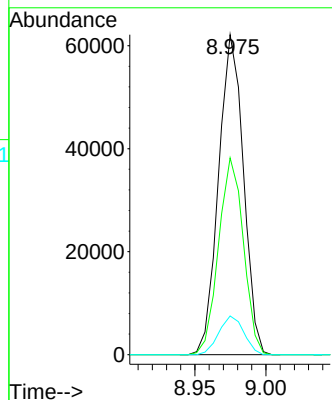


#41
Hexachlorocyclopentadiene
Concen: 86.222 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :
BNA_F
ClientSampleId :
PB162549BS

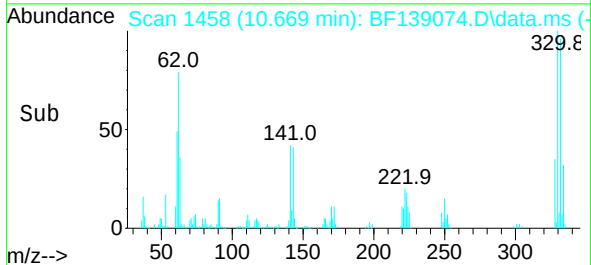
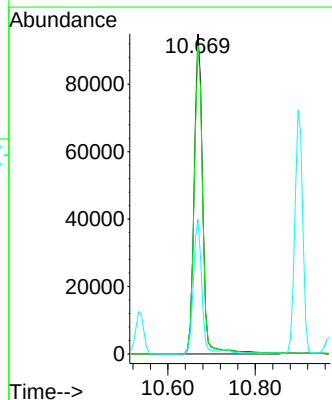
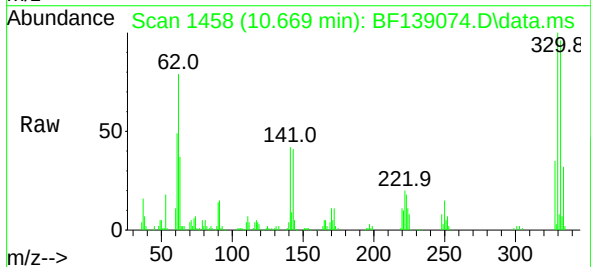


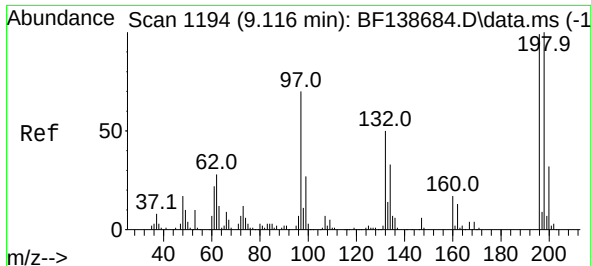
Tgt Ion:237 Resp: 75711
Ion Ratio Lower Upper
237 100
235 61.5 41.8 81.8
272 12.1 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 132.931 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:330 Resp: 129152
Ion Ratio Lower Upper
330 100
332 95.4 76.4 114.6
141 40.7 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 44.242 ng

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139074.D

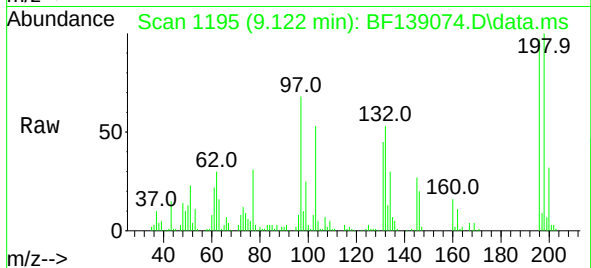
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS



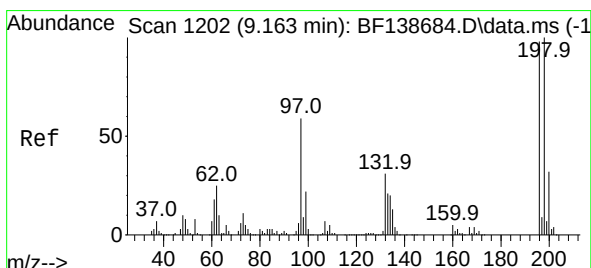
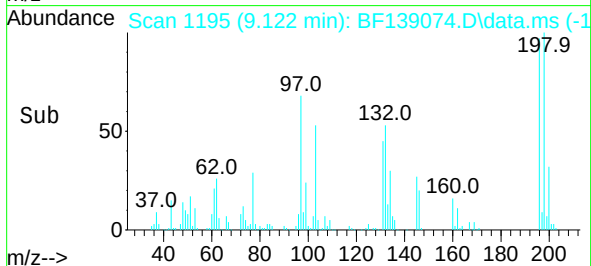
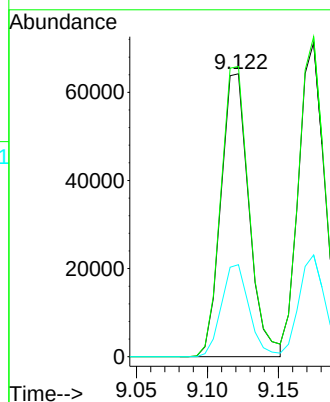
Tgt Ion:196 Resp: 88878

Ion Ratio Lower Upper

196 100

198 102.6 80.5 120.7

200 32.5 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 44.566 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion:196 Resp: 97873

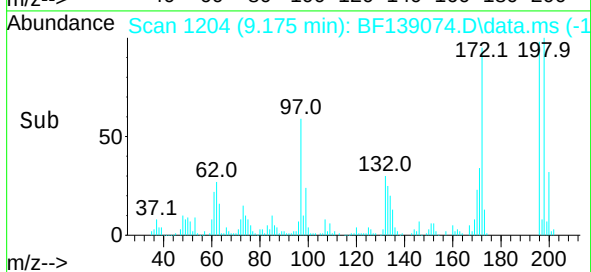
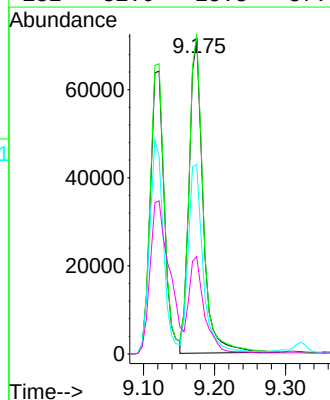
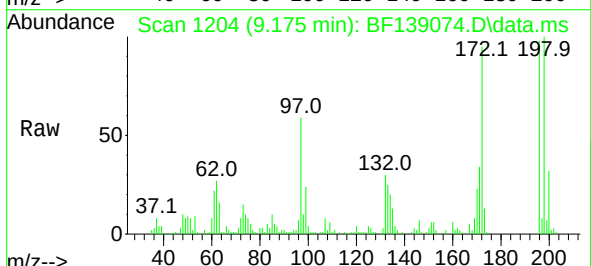
Ion Ratio Lower Upper

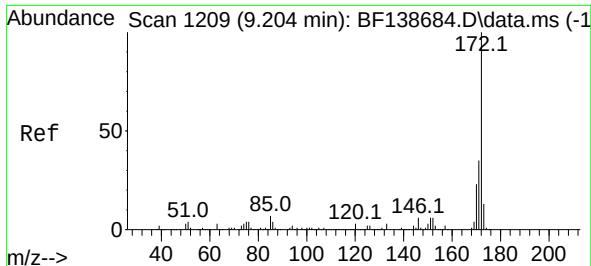
196 100

198 101.8 81.2 121.8

97 60.4 47.8 71.6

132 31.0 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 90.522 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

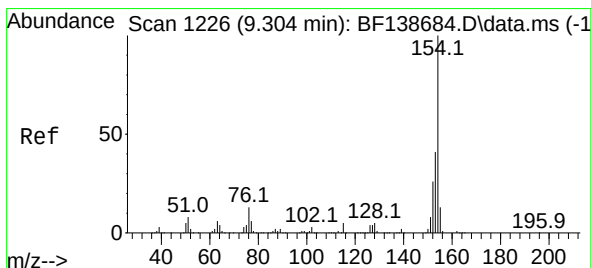
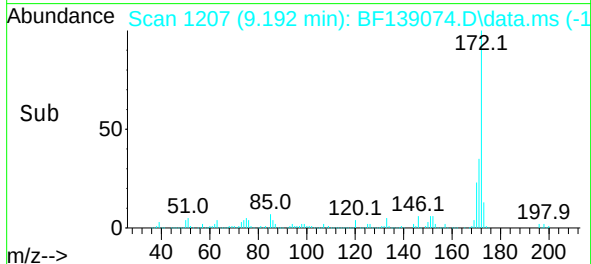
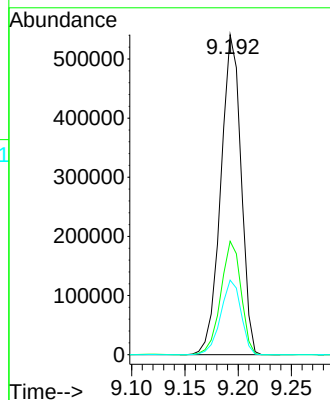
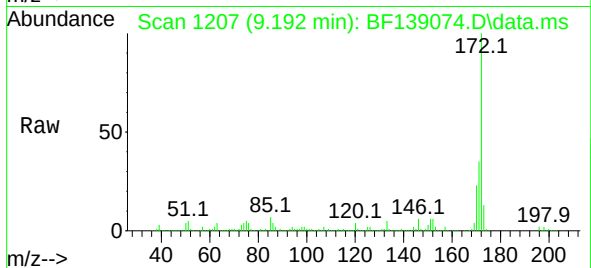
Tgt Ion:172 Resp: 714599

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 42.687 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

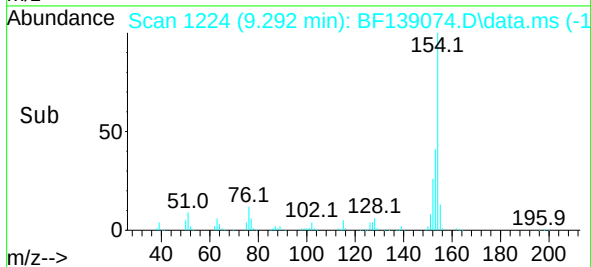
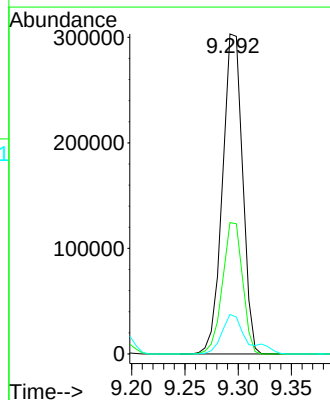
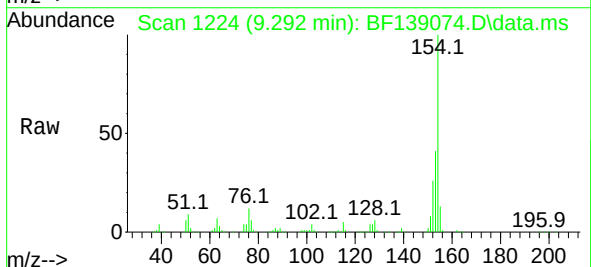
Tgt Ion:154 Resp: 396539

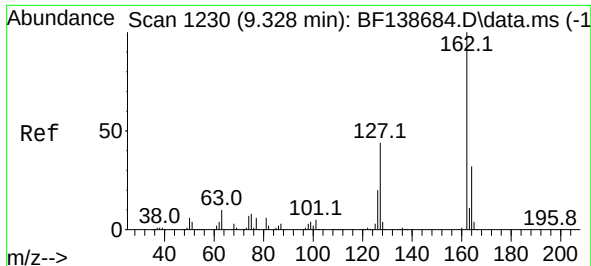
Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

76 12.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 44.967 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

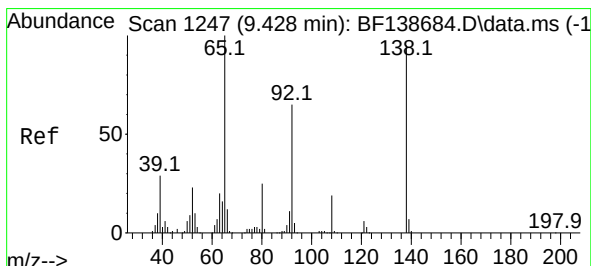
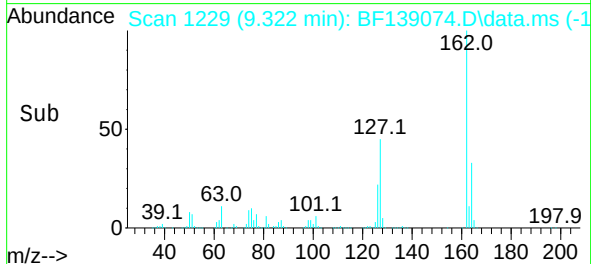
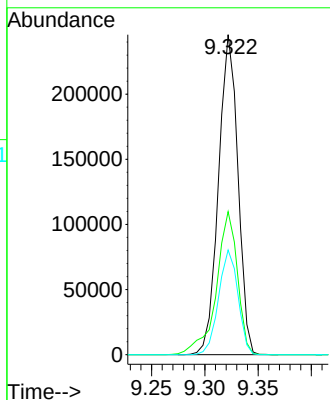
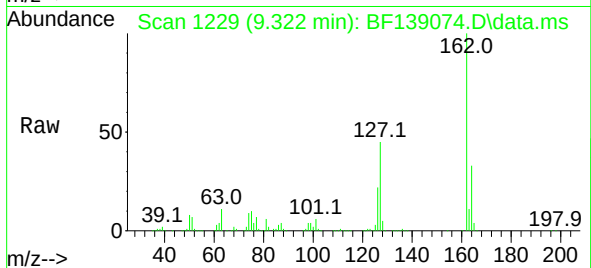
Tgt Ion:162 Resp: 310669

Ion Ratio Lower Upper

162 100

127 44.7 35.4 53.2

164 32.7 25.6 38.4



#48

2-Nitroaniline

Concen: 49.640 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

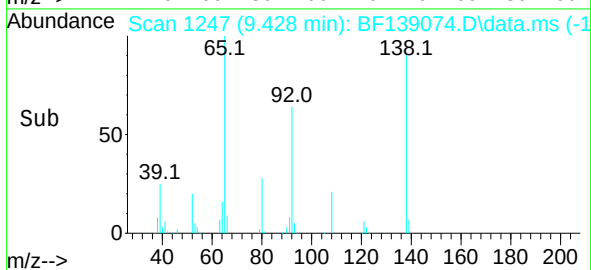
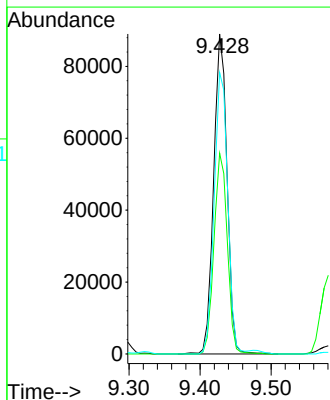
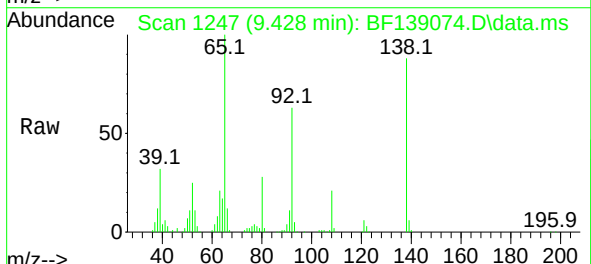
Tgt Ion: 65 Resp: 116265

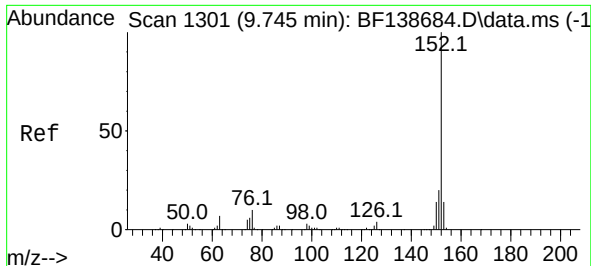
Ion Ratio Lower Upper

65 100

92 62.7 52.0 78.0

138 87.9 76.2 114.4





#49

Acenaphthylene

Concen: 49.168 ng

RT: 9.733 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

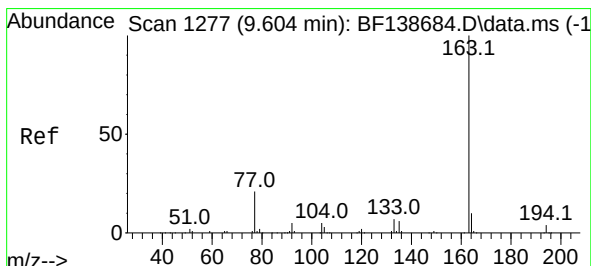
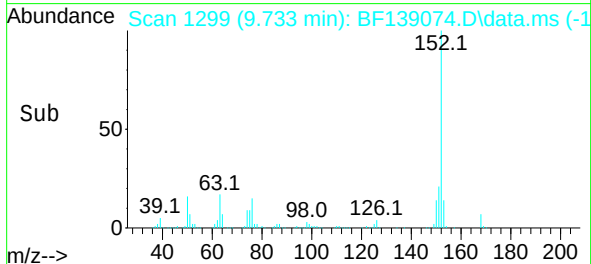
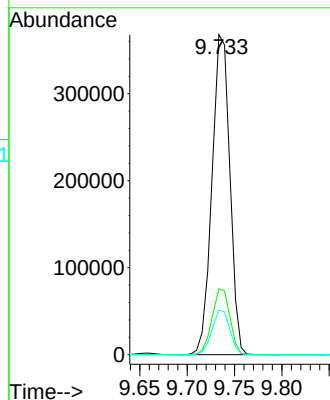
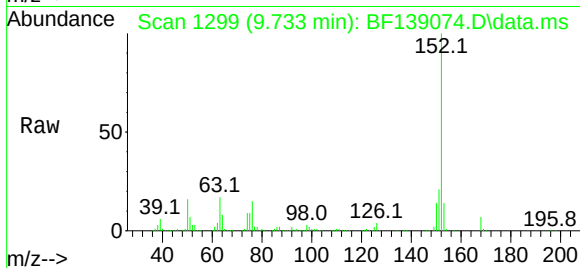
Tgt Ion:152 Resp: 481779

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 13.9 11.0 16.4



#50

Dimethylphthalate

Concen: 49.481 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

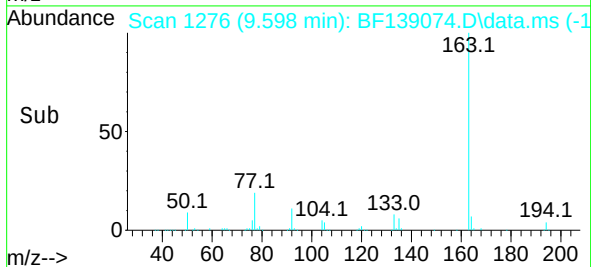
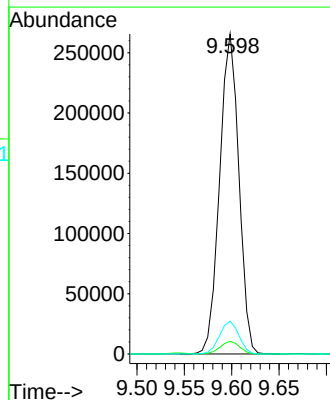
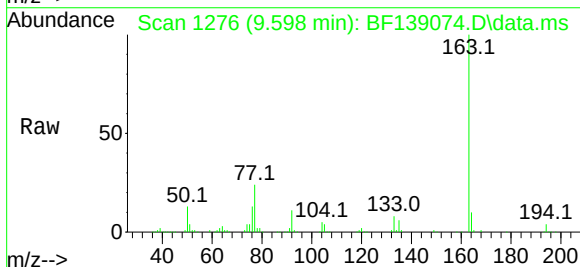
Tgt Ion:163 Resp: 375267

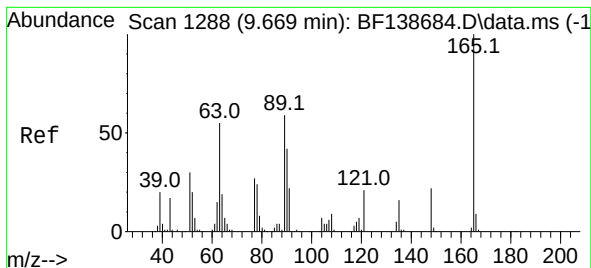
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 47.877 ng

RT: 9.669 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

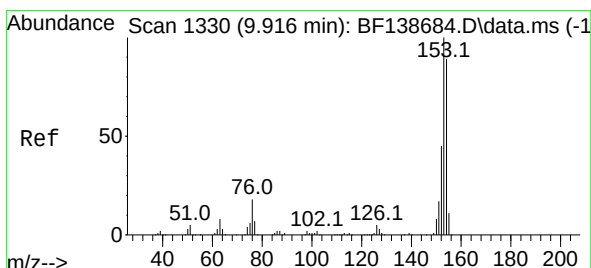
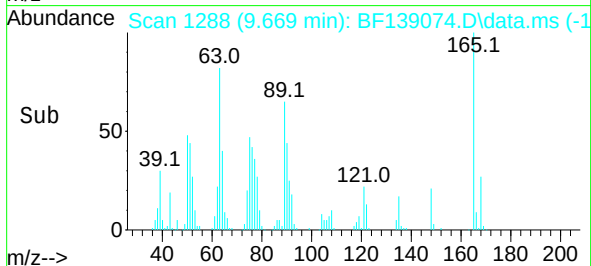
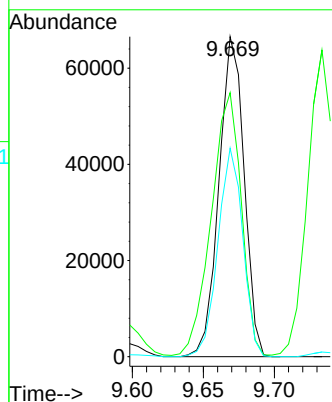
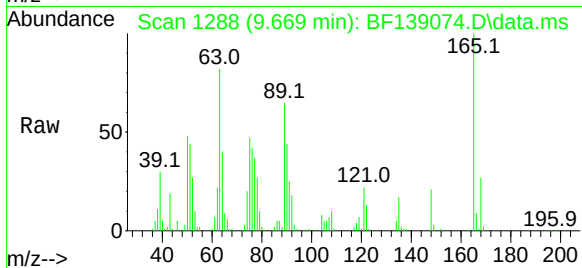
Tgt Ion:165 Resp: 81946

Ion Ratio Lower Upper

165 100

63 82.5 52.0 78.0#

89 65.1 47.0 70.6



#52

Acenaphthene

Concen: 45.039 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

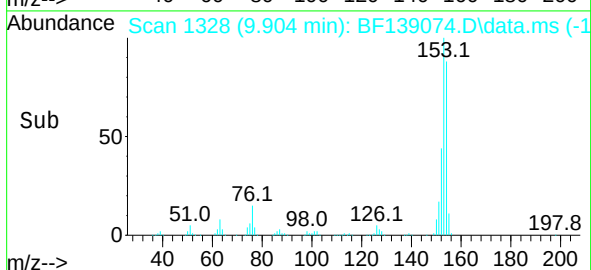
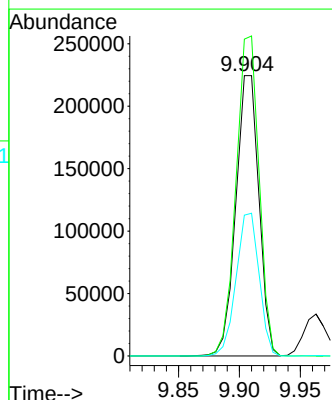
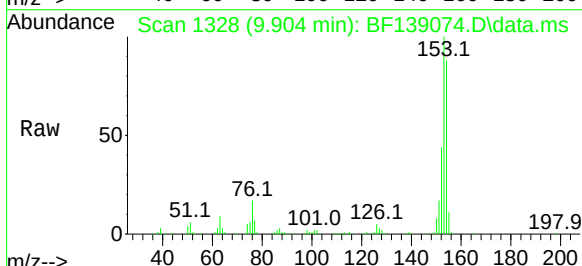
Tgt Ion:154 Resp: 296663

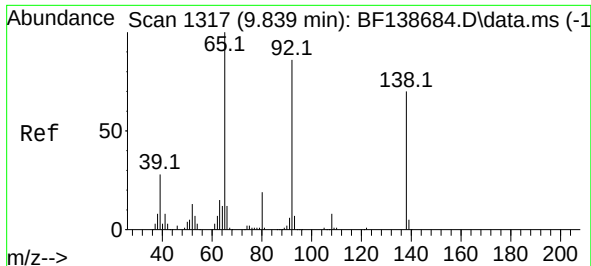
Ion Ratio Lower Upper

154 100

153 113.1 89.9 134.9

152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 32.306 ng

RT: 9.845 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

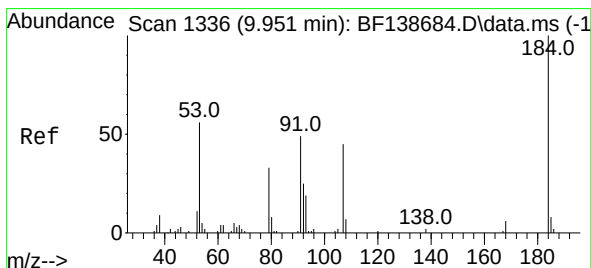
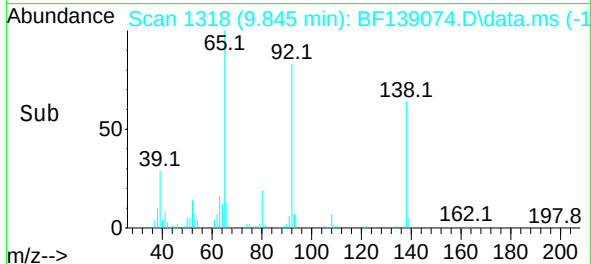
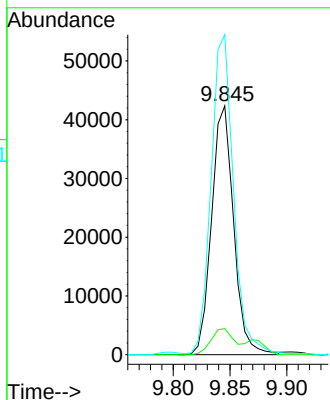
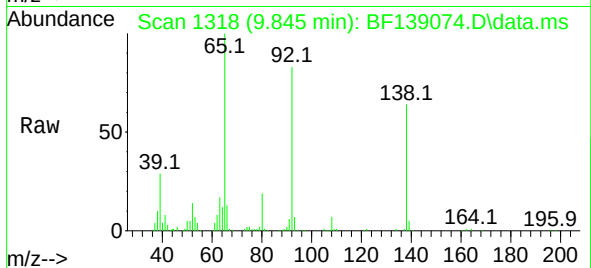
Tgt Ion:138 Resp: 57162

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

92 128.6 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 80.125 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

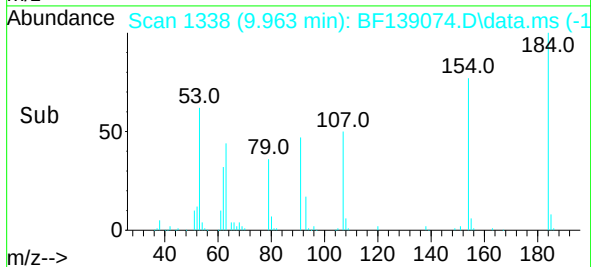
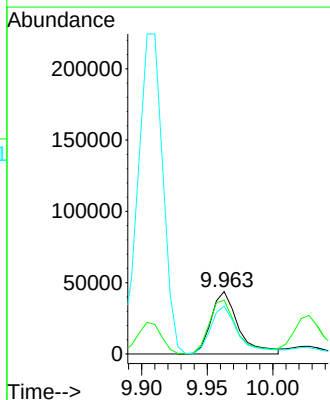
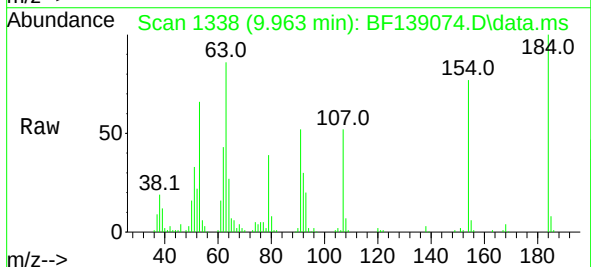
Tgt Ion:184 Resp: 63130

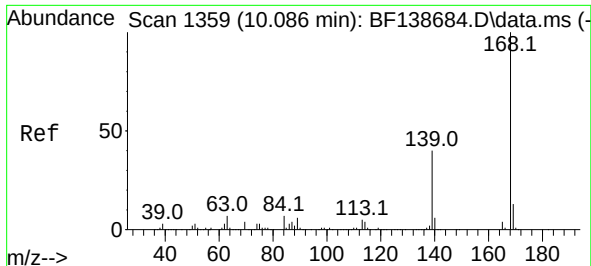
Ion Ratio Lower Upper

184 100

63 86.3 57.5 86.3#

154 76.7 51.7 77.5





#55

Dibenzenofuran

Concen: 47.292 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

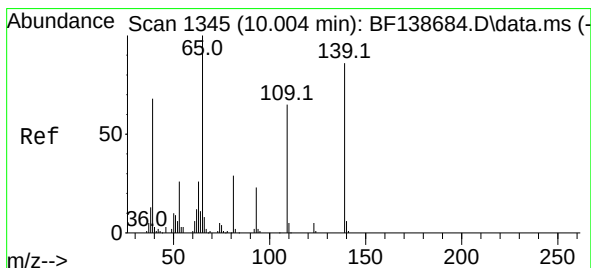
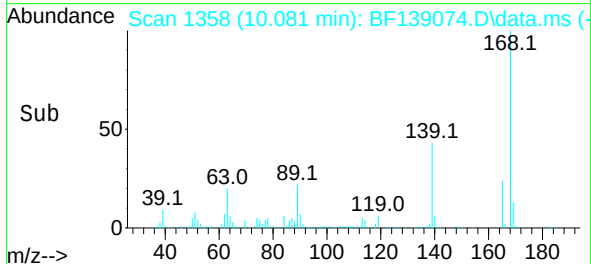
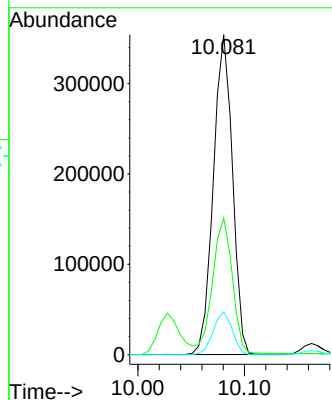
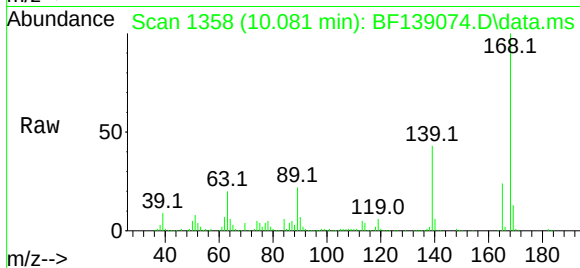
Tgt Ion:168 Resp: 439726

Ion Ratio Lower Upper

168 100

139 42.7 32.6 49.0

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 62.015 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.024 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

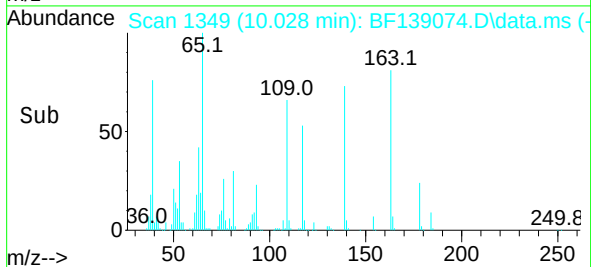
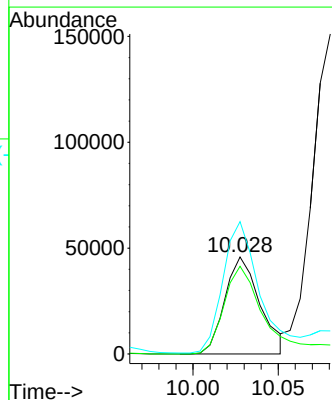
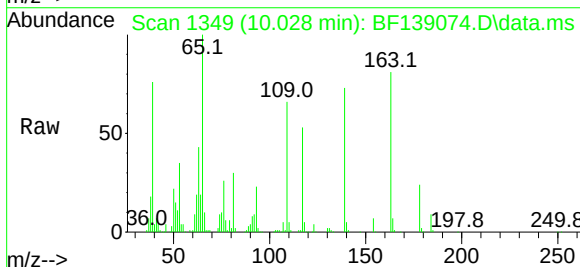
Tgt Ion:139 Resp: 65986

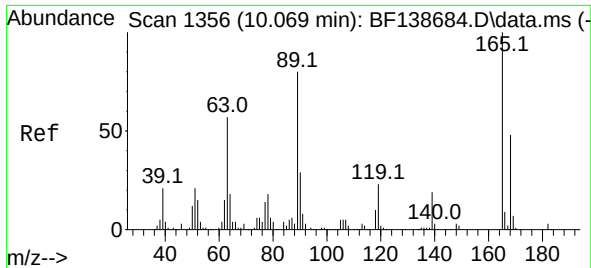
Ion Ratio Lower Upper

139 100

109 90.4 55.5 95.5

65 136.4 96.7 136.7

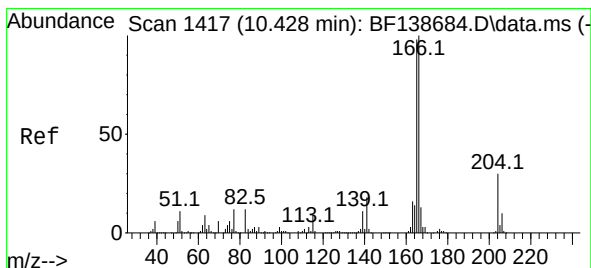
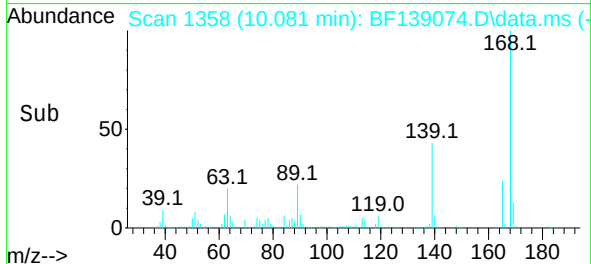
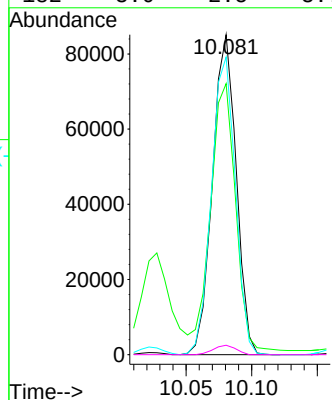
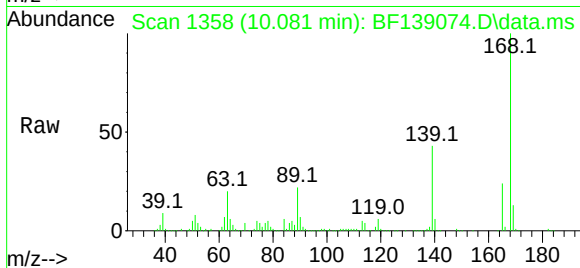




#57
2,4-Dinitrotoluene
Concen: 48.968 ng
RT: 10.081 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

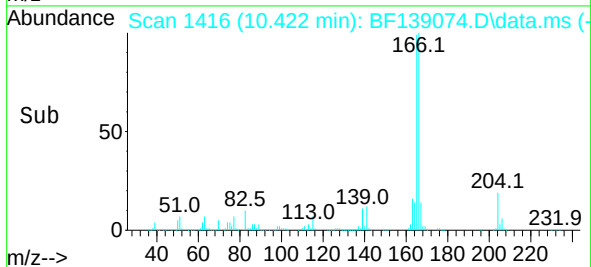
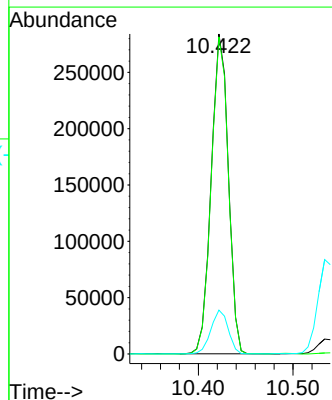
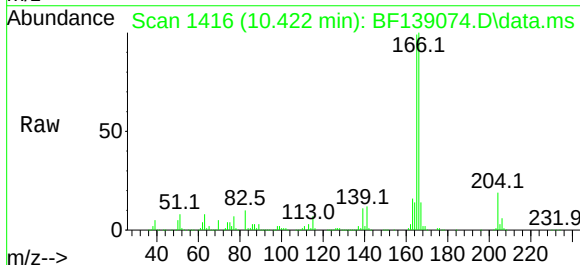
Instrument :
BNA_F
ClientSampleId :
PB162549BS

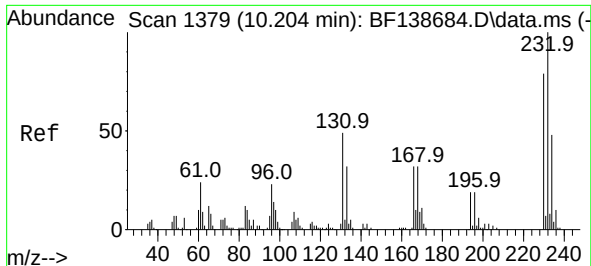
Tgt Ion:165 Resp: 106932
Ion Ratio Lower Upper
165 100
63 84.7 46.3 69.5#
89 93.0 64.2 96.4
182 3.0 2.5 3.7



#58
Fluorene
Concen: 48.257 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:166 Resp: 357316
Ion Ratio Lower Upper
166 100
165 99.1 78.4 117.6
167 13.7 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.372 ng

RT: 10.163 min Scan# 1372

Delta R.T. -0.041 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

Tgt Ion:232 Resp: 62747

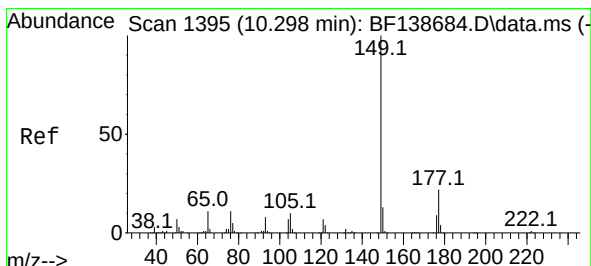
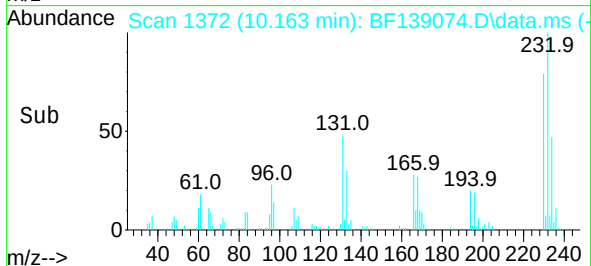
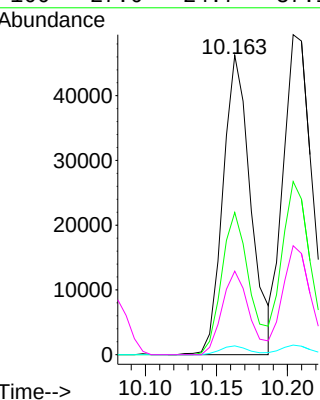
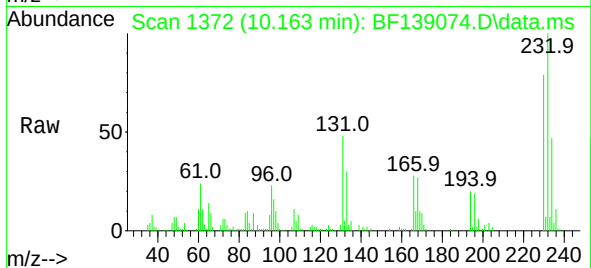
Ion Ratio Lower Upper

232 100

131 48.3 37.0 55.4

130 2.9 2.0 3.0

166 27.6 24.7 37.1



#60

Diethylphthalate

Concen: 51.654 ng

RT: 10.298 min Scan# 1395

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

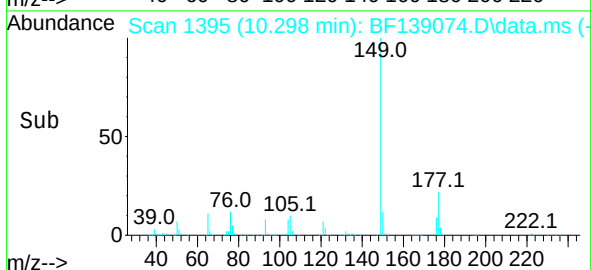
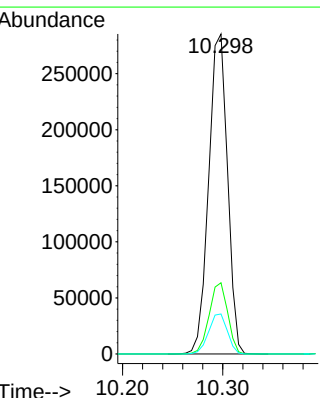
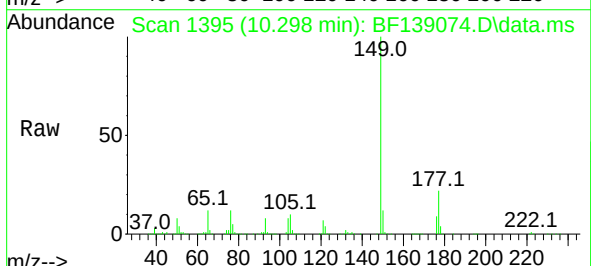
Tgt Ion:149 Resp: 371444

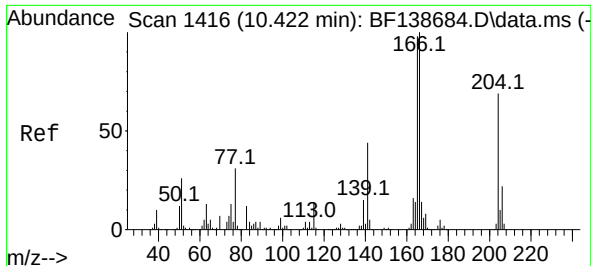
Ion Ratio Lower Upper

149 100

177 22.3 17.8 26.8

150 12.5 10.1 15.1

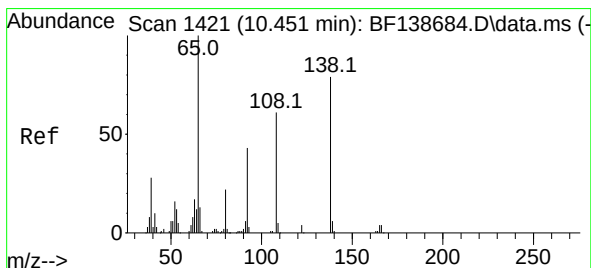
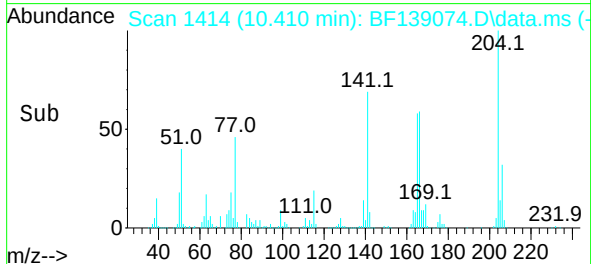
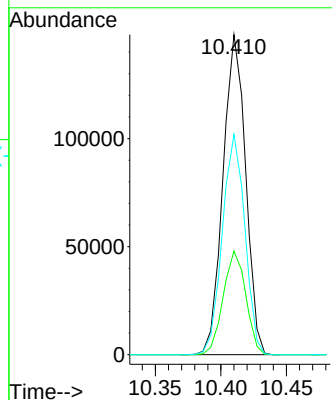
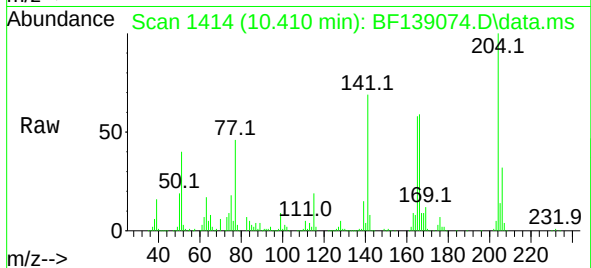




#61
4-Chlorophenyl-phenylether
Concen: 48.747 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

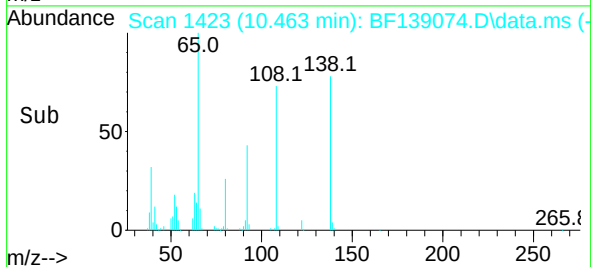
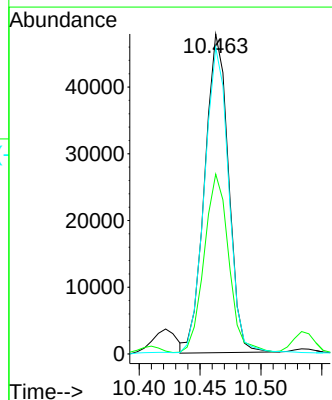
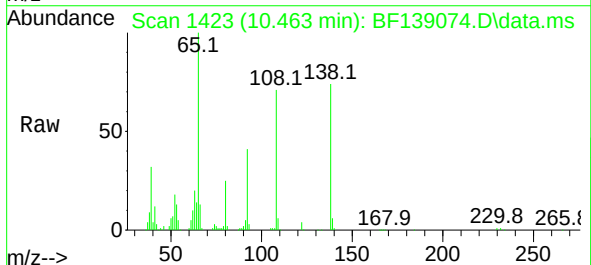
Instrument :
BNA_F
ClientSampleId :
PB162549BS

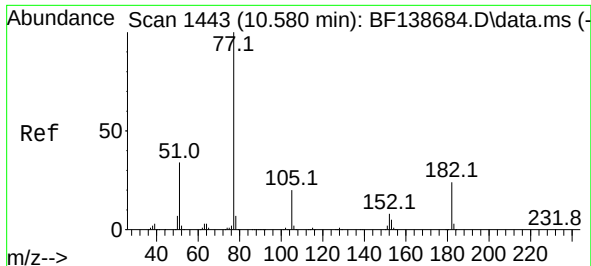
Tgt Ion:204 Resp: 177517
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 68.8 51.4 77.0



#62
4-Nitroaniline
Concen: 38.642 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:138 Resp: 64975
Ion Ratio Lower Upper
138 100
92 56.2 34.2 74.2
108 95.8 56.2 96.2

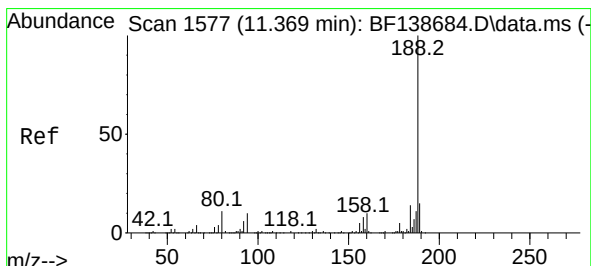
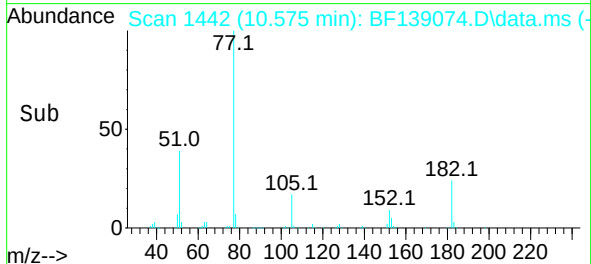
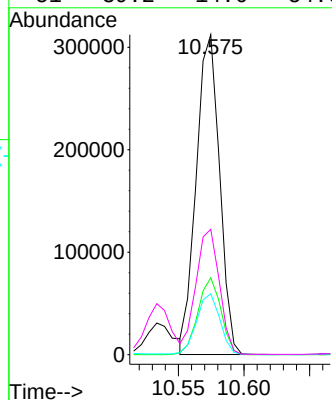
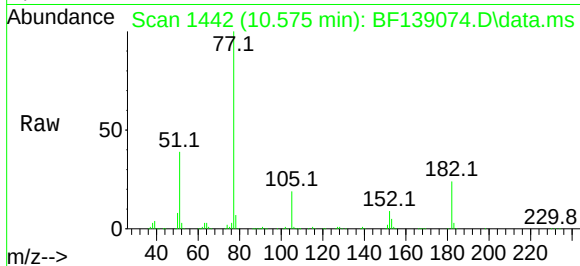




#63
Azobenzene
Concen: 48.467 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

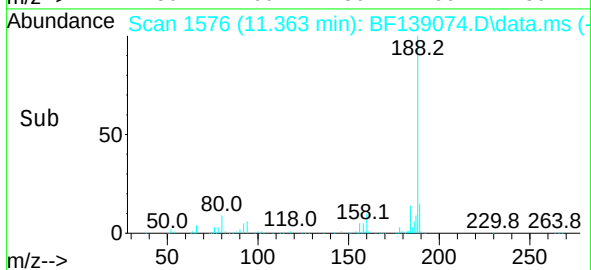
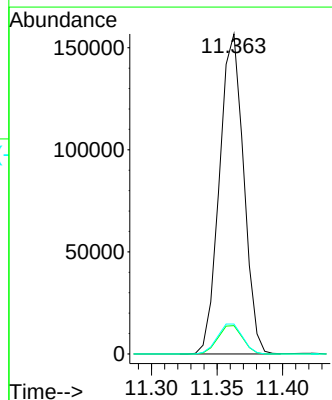
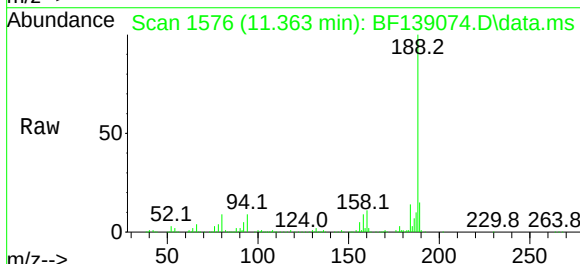
Instrument :
BNA_F
ClientSampleId :
PB162549BS

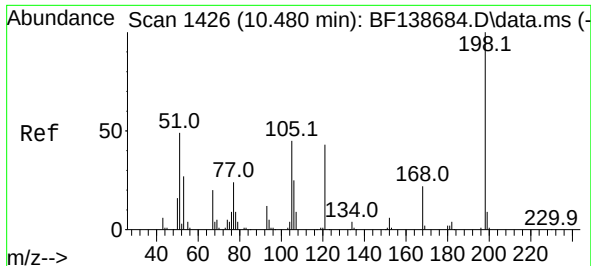
Tgt Ion: 77	Resp: 386547
Ion Ratio	Lower Upper
77 100	
182 24.1	3.4 43.4
105 19.1	0.2 40.2
51 39.2	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt	Ion:188	Resp:	200989
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.6	11.4
80	9.3	8.6	12.8

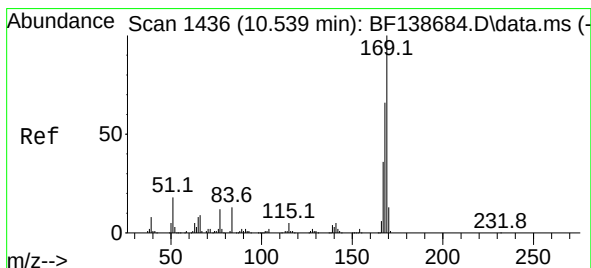
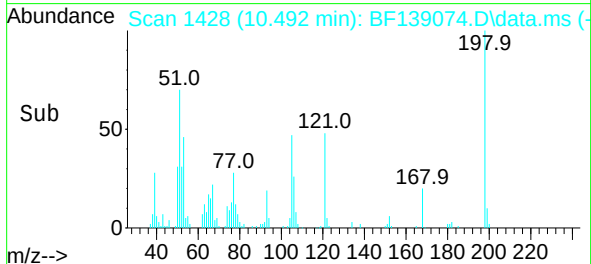
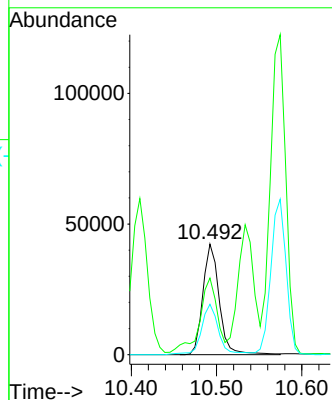
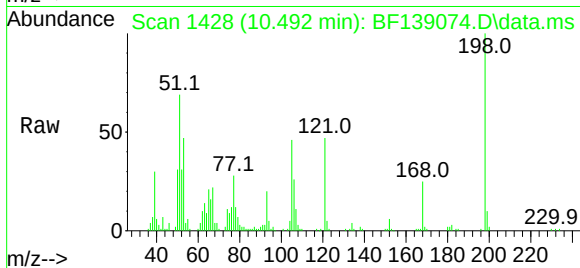




#65
4,6-Dinitro-2-methylphenol
Concen: 46.112 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

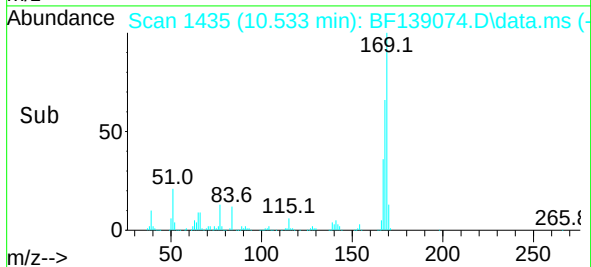
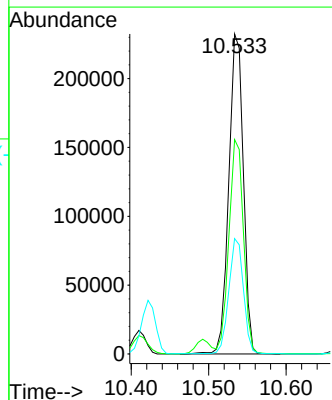
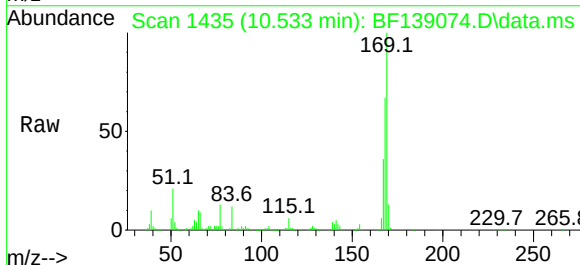
Instrument :
BNA_F
ClientSampleId :
PB162549BS

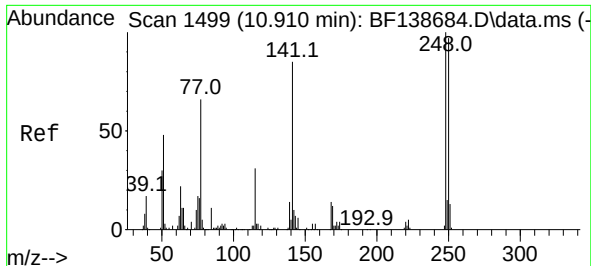
Tgt Ion:198 Resp: 56543
Ion Ratio Lower Upper
198 100
51 69.3 39.9 79.9
105 45.7 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 48.385 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:169 Resp: 303979
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 36.0 29.0 43.6

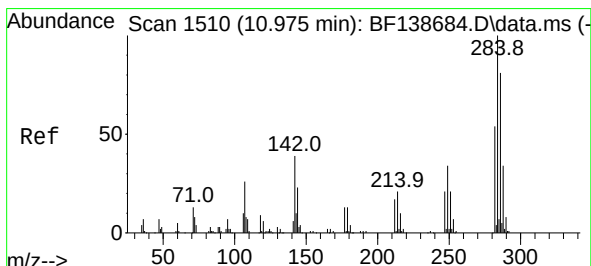
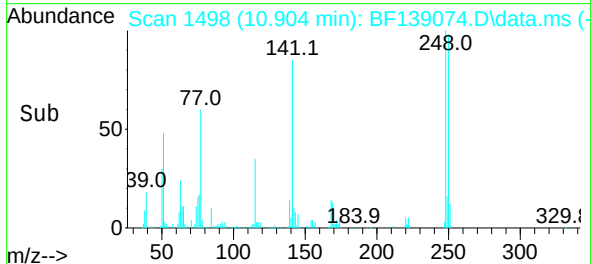
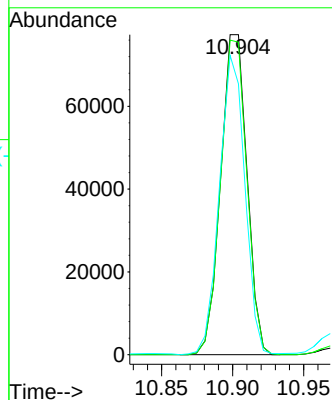
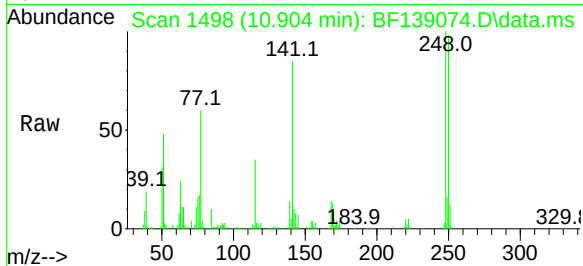




#67
4-Bromophenyl-phenylether
Concen: 45.753 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

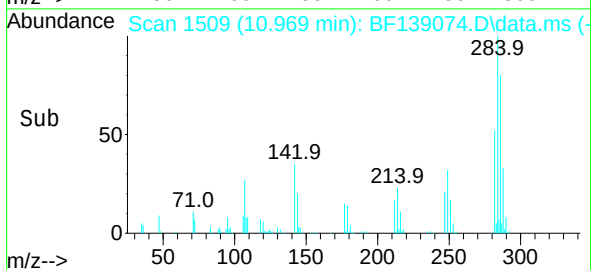
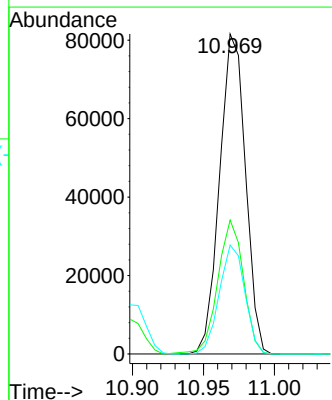
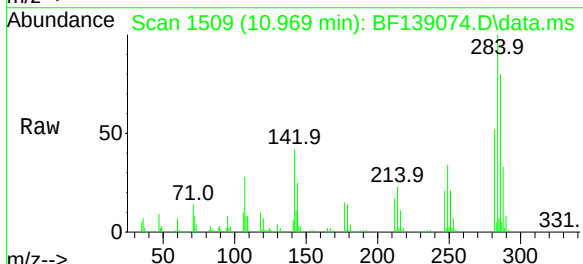
Instrument :
BNA_F
ClientSampleId :
PB162549BS

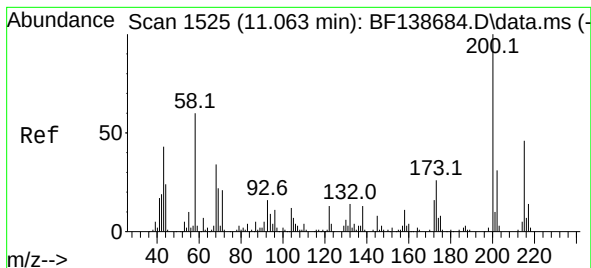
Tgt Ion:248 Resp: 99562
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 84.6 68.0 102.0



#68
Hexachlorobenzene
Concen: 46.029 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:284 Resp: 103418
Ion Ratio Lower Upper
284 100
142 41.9 31.3 46.9
249 34.1 27.2 40.8





#69

Atrazine

Concen: 51.705 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

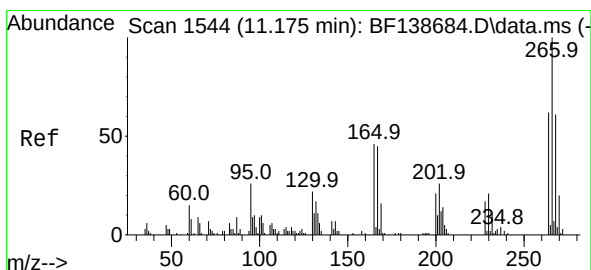
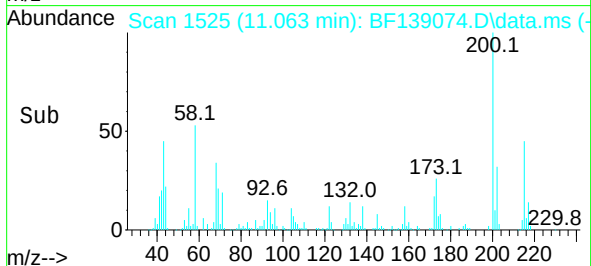
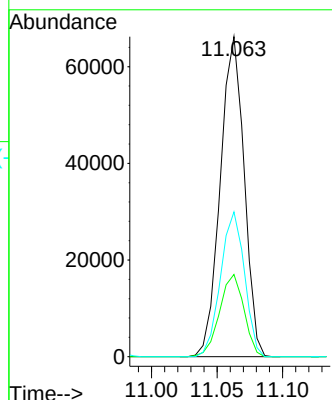
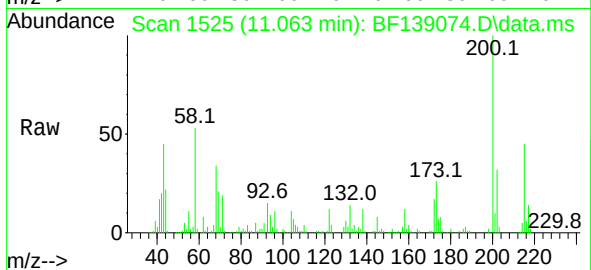
Tgt Ion:200 Resp: 83808

Ion Ratio Lower Upper

200 100

173 25.7 6.0 46.0

215 45.3 26.1 66.1



#70

Pentachlorophenol

Concen: 60.146 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

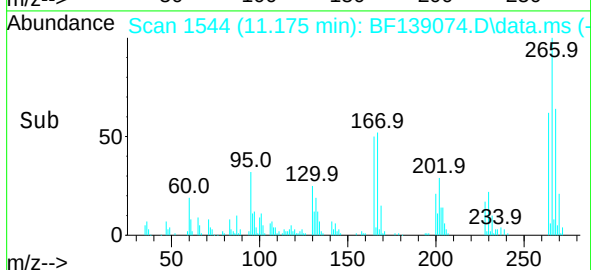
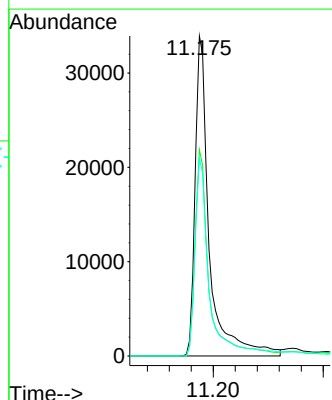
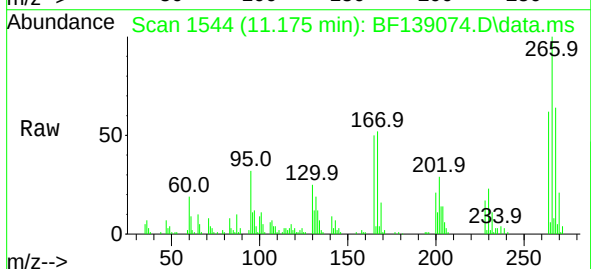
Tgt Ion:266 Resp: 60912

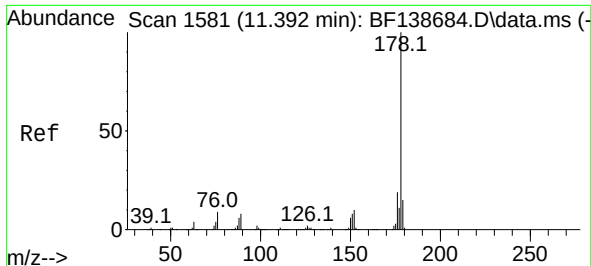
Ion Ratio Lower Upper

266 100

268 64.5 49.2 73.8

264 61.9 49.8 74.6

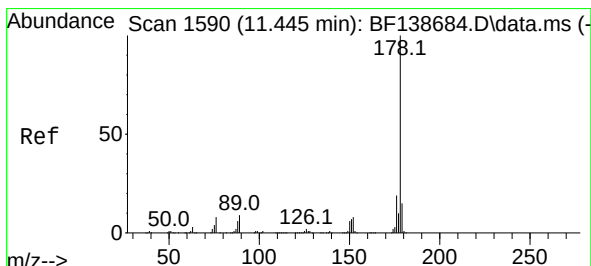
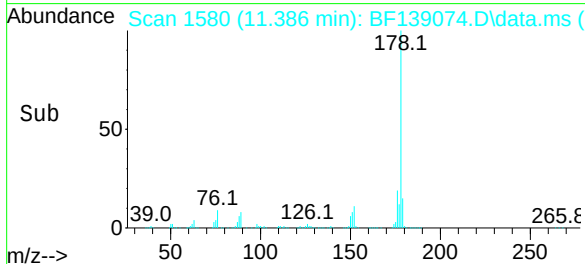
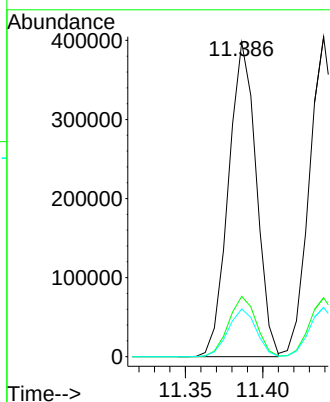
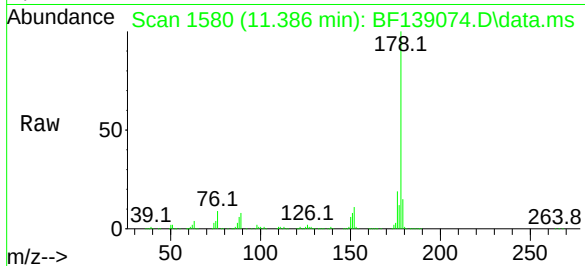




#71
Phenanthrene
Concen: 47.811 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

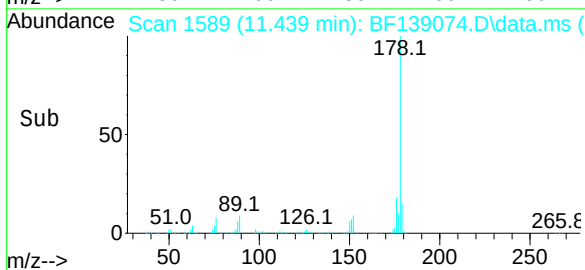
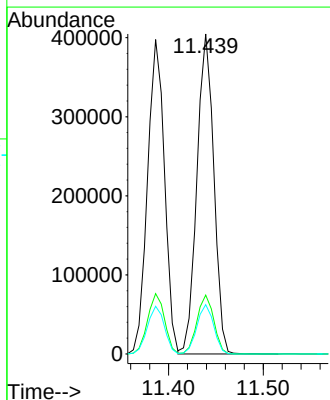
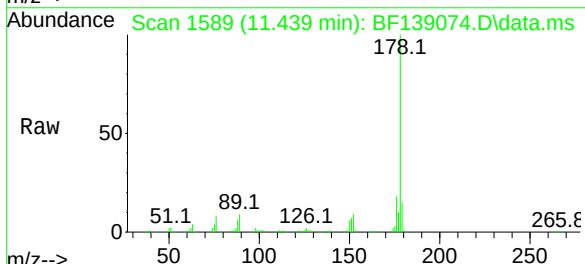
Instrument :
BNA_F
ClientSampleId :
PB162549BS

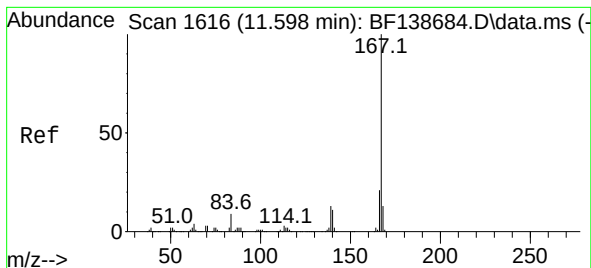
Tgt Ion:178 Resp: 494814
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.2 18.2



#72
Anthracene
Concen: 49.222 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:178 Resp: 501843
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.4 12.4 18.6





#73

Carbazole

Concen: 45.978 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

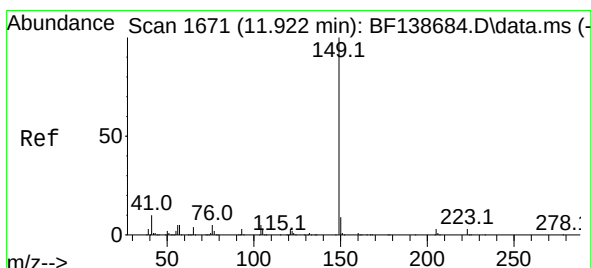
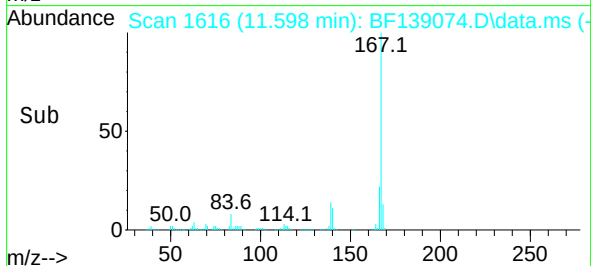
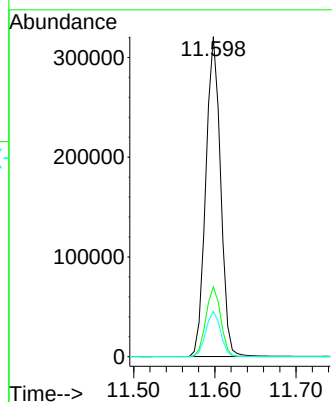
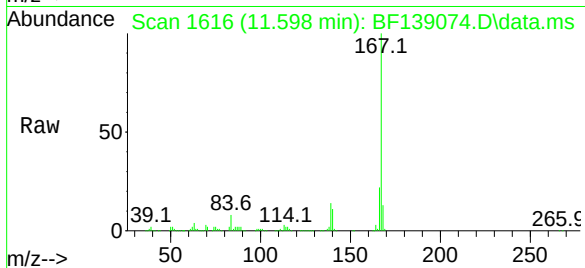
Tgt Ion:167 Resp: 404431

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 14.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 56.046 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

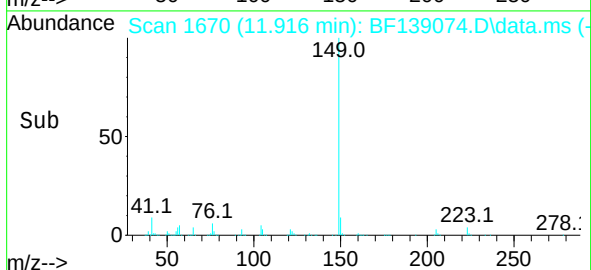
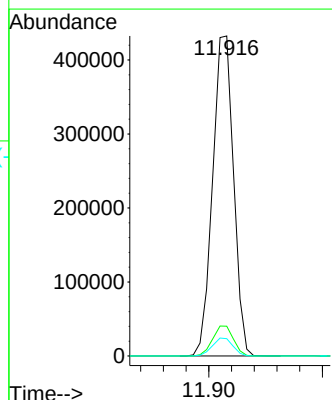
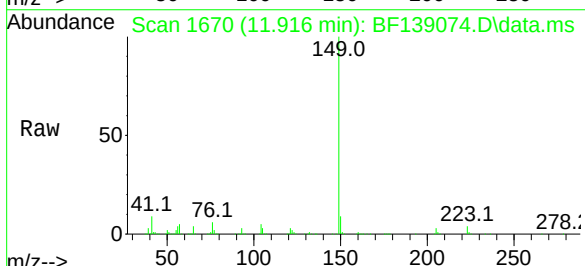
Tgt Ion:149 Resp: 554200

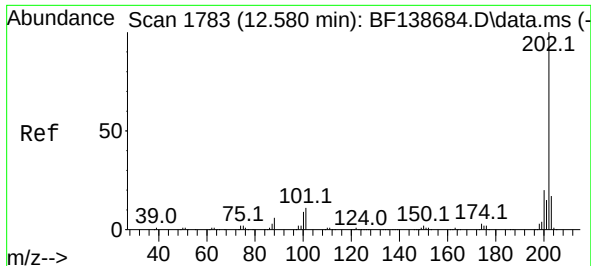
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.4 4.1 6.1

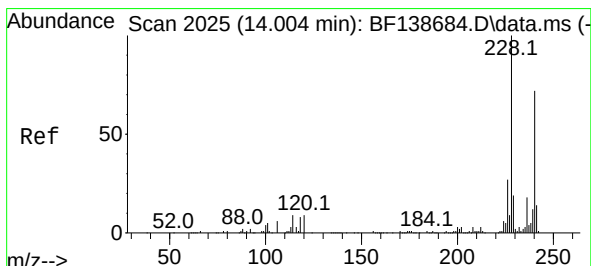
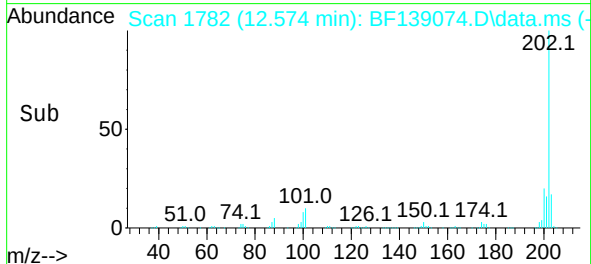
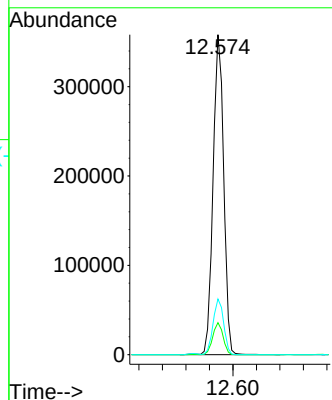
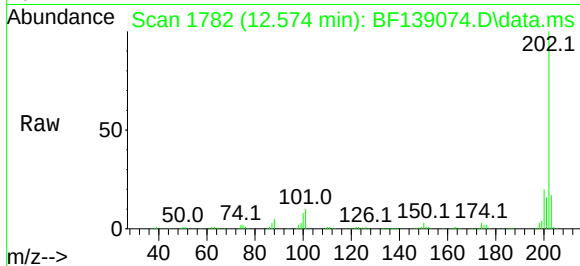




#75
Fluoranthene
Concen: 46.418 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

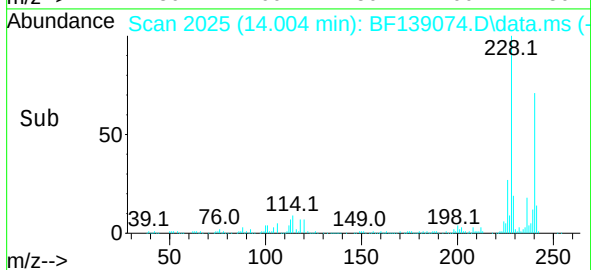
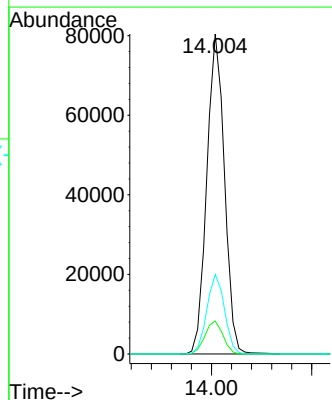
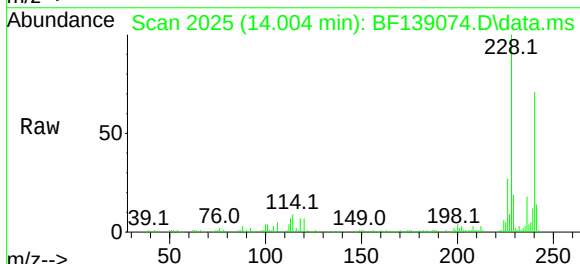
Instrument :
BNA_F
ClientSampleId :
PB162549BS

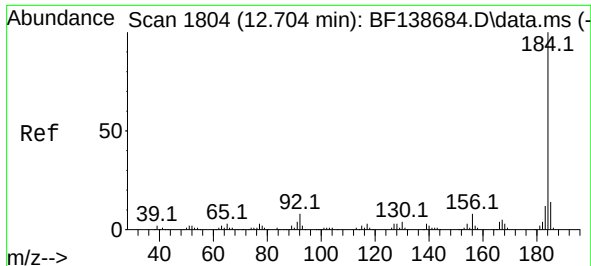
Tgt Ion:202 Resp: 448475
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.2
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:240 Resp: 98614
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 24.8 19.8 29.8

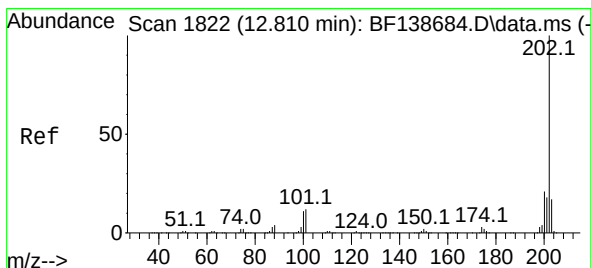
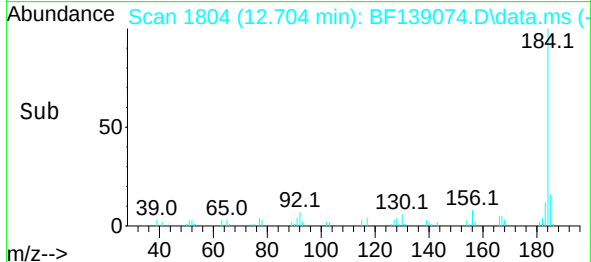
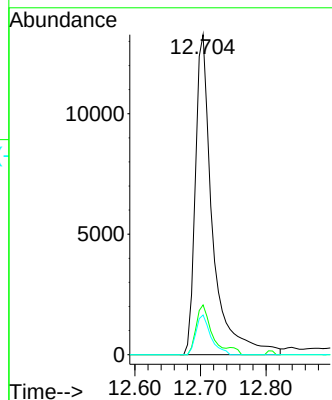
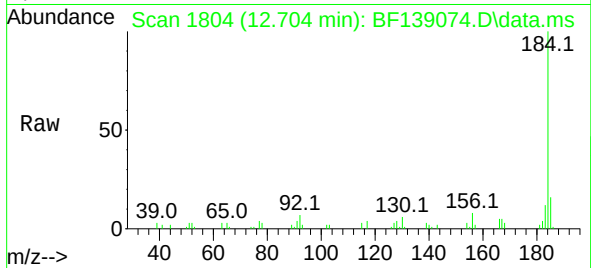




#77
Benzidine
Concen: 10.310 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

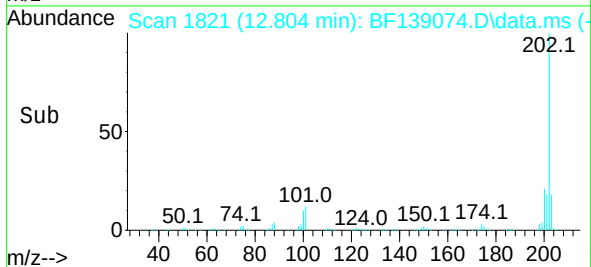
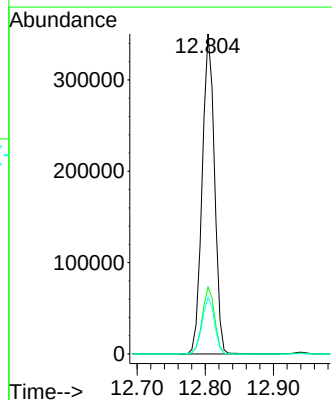
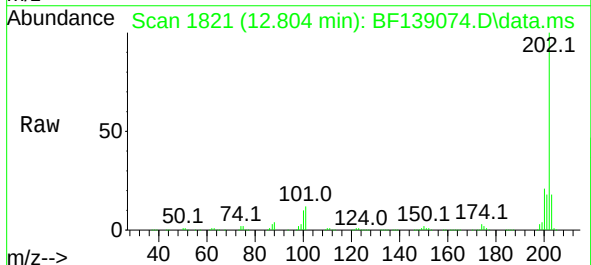
Instrument :
BNA_F
ClientSampleId :
PB162549BS

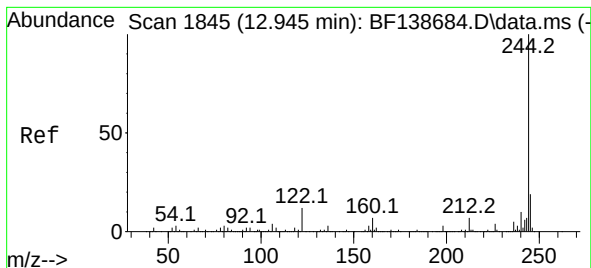
Tgt Ion:184 Resp: 24318
Ion Ratio Lower Upper
184 100
185 15.6 11.1 16.7
183 12.4 9.6 14.4



#78
Pyrene
Concen: 47.397 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:202 Resp: 440072
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 108.632 ng

RT: 12.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139074.D

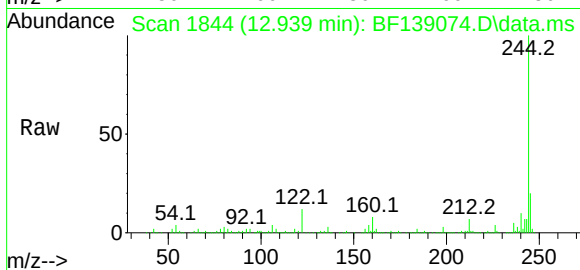
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS



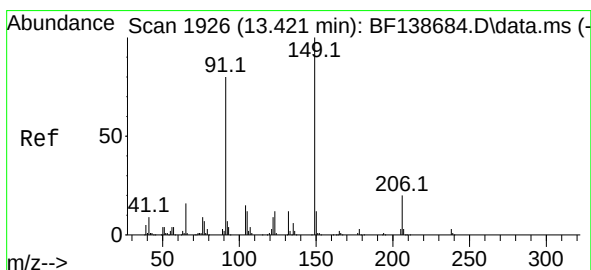
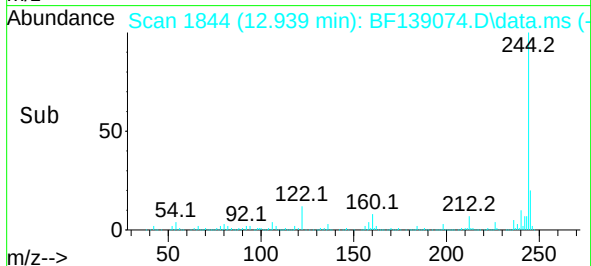
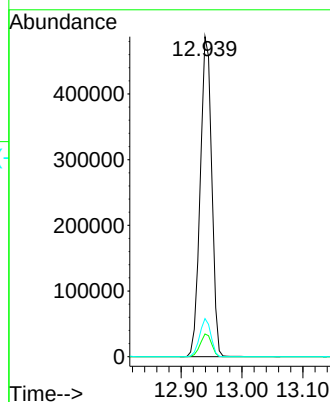
Tgt Ion:244 Resp: 639839

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.9 9.6 14.4



#80

Butylbenzylphthalate

Concen: 54.968 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

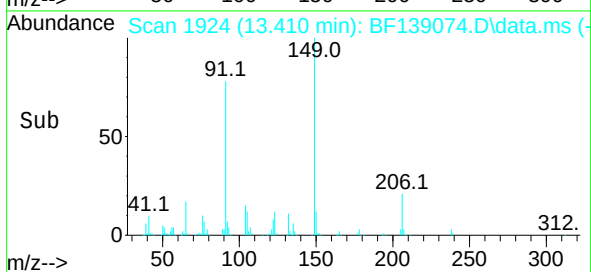
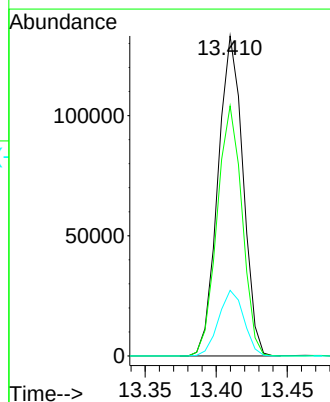
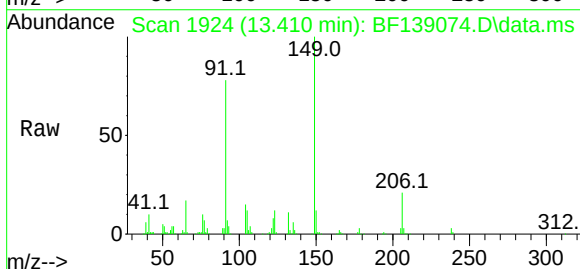
Tgt Ion:149 Resp: 163433

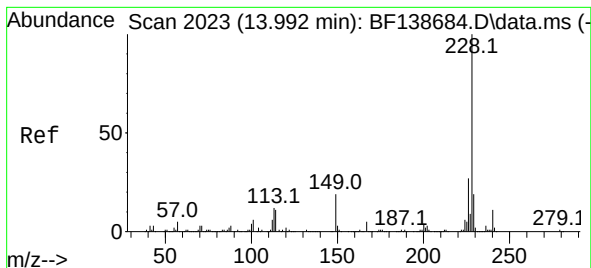
Ion Ratio Lower Upper

149 100

91 78.1 63.7 95.5

206 20.5 16.2 24.2

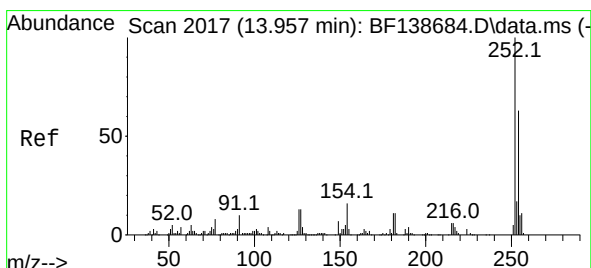
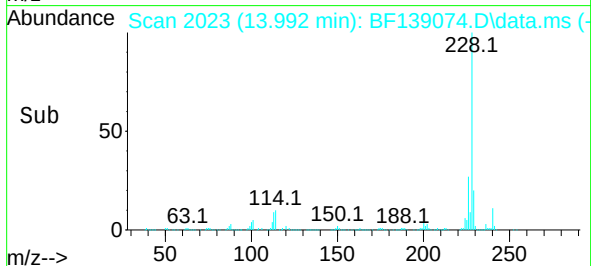
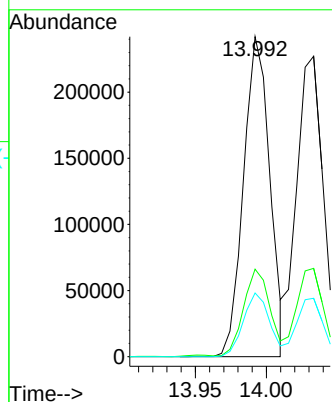
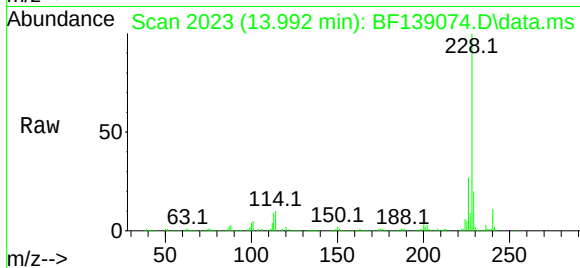




#81
Benzo(a)anthracene
Concen: 45.786 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

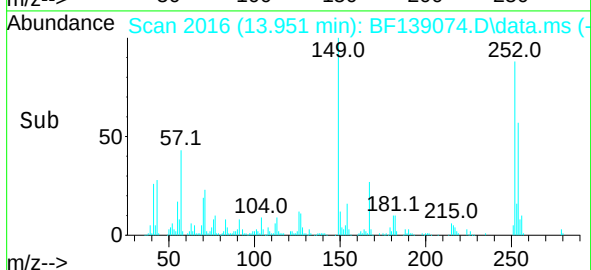
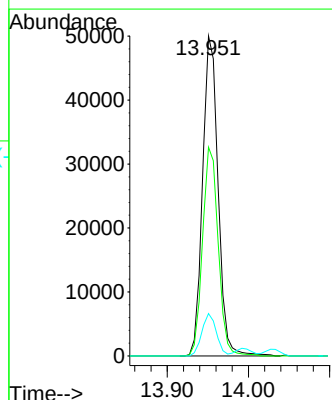
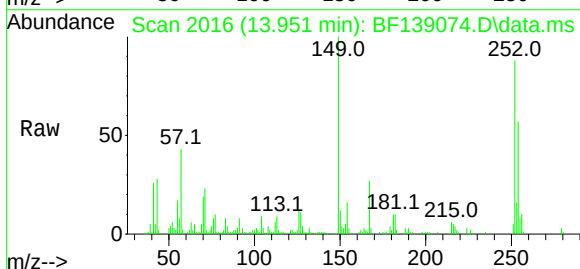
Instrument :
BNA_F
ClientSampleId :
PB162549BS

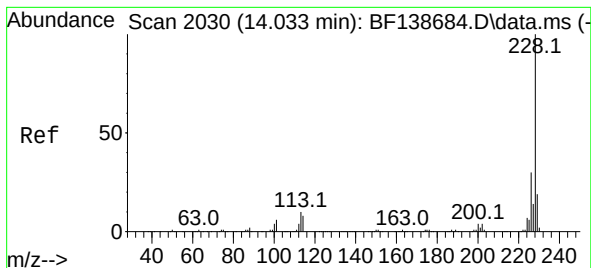
Tgt Ion:228 Resp: 310922
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.9 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 38.140 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:252 Resp: 66280
Ion Ratio Lower Upper
252 100
254 65.2 50.8 76.2
126 13.2 10.2 15.2





#83

Chrysene

Concen: 48.270 ng

RT: 14.033 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

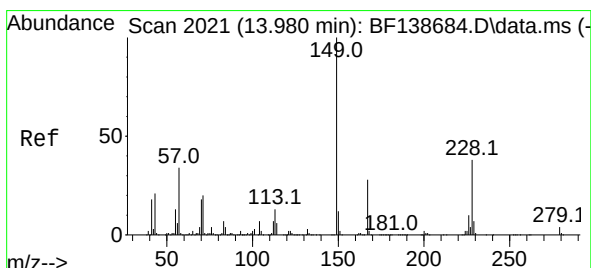
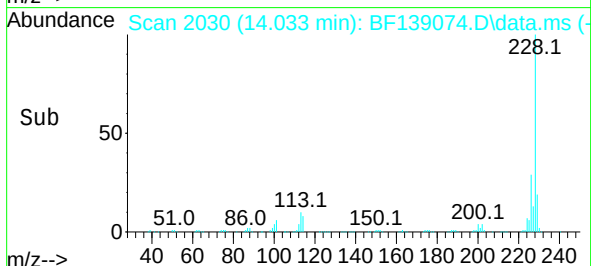
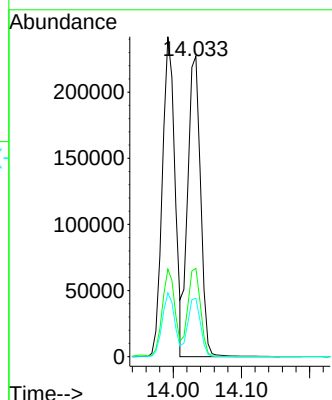
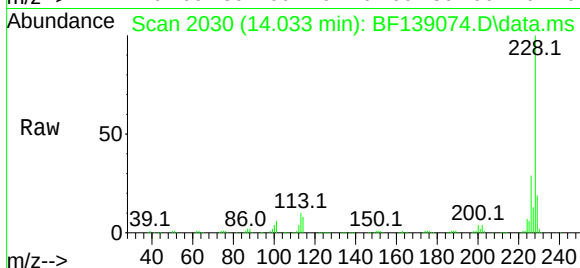
Tgt Ion:228 Resp: 295733

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.4 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.407 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

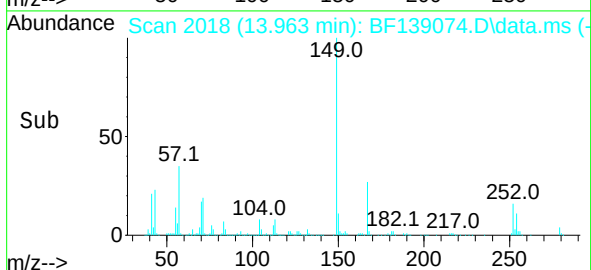
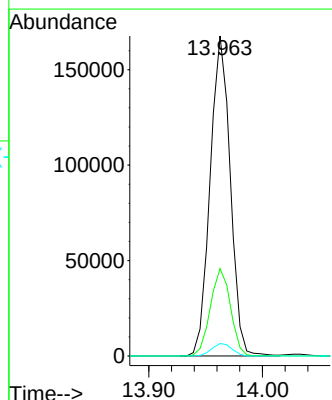
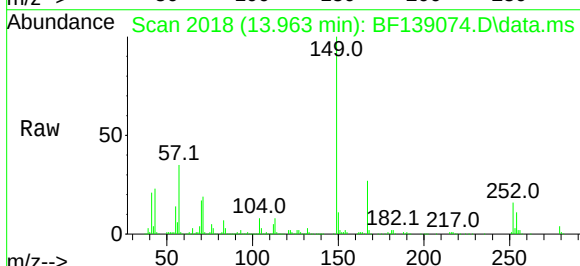
Tgt Ion:149 Resp: 206402

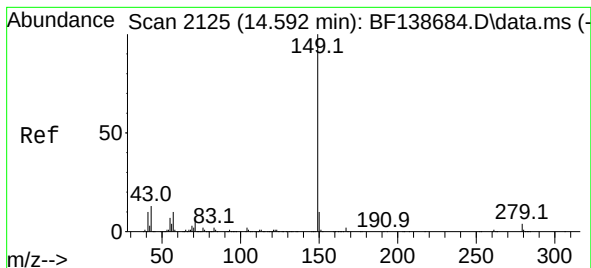
Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

279 3.9 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 40.800 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

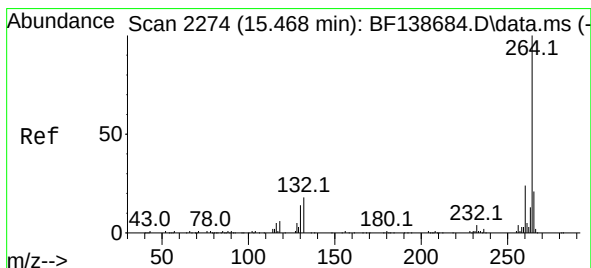
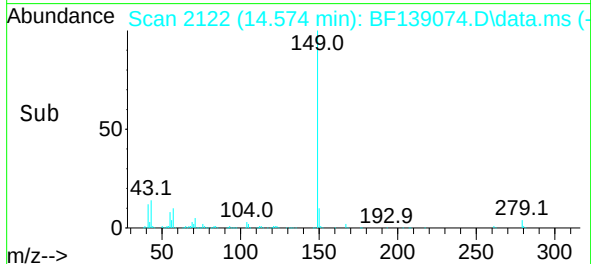
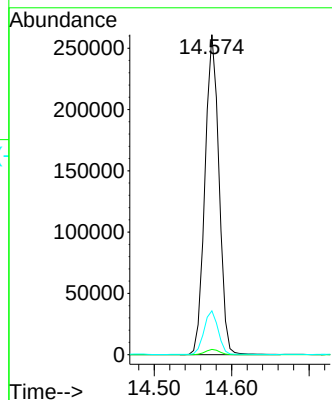
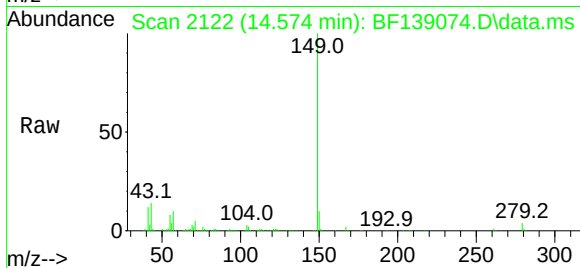
Tgt Ion:149 Resp: 328656

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 13.9 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

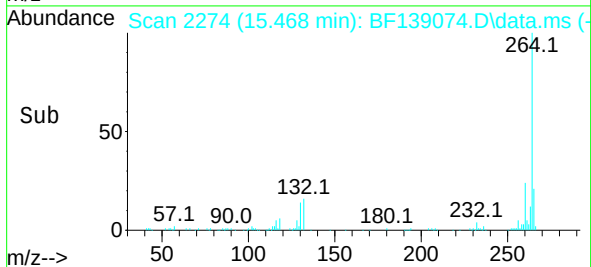
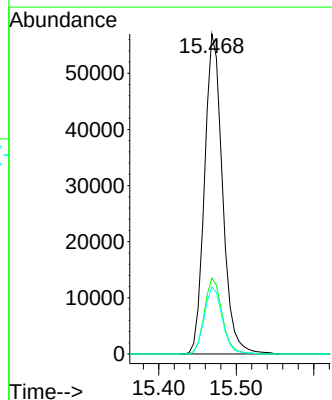
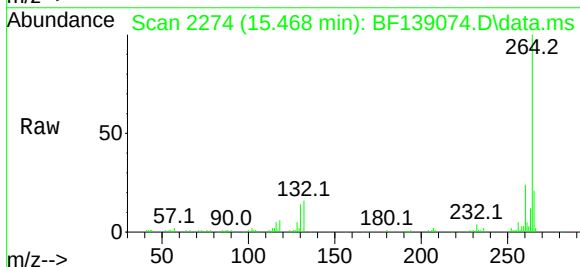
Tgt Ion:264 Resp: 91613

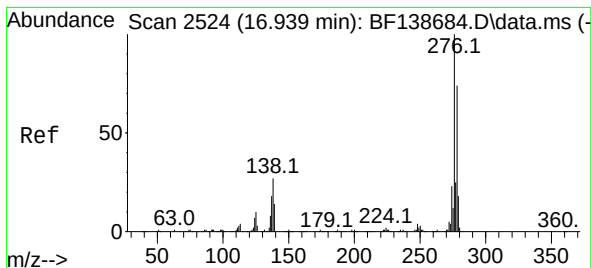
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.570 ng

RT: 16.957 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

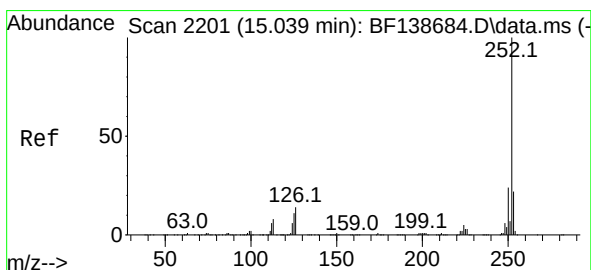
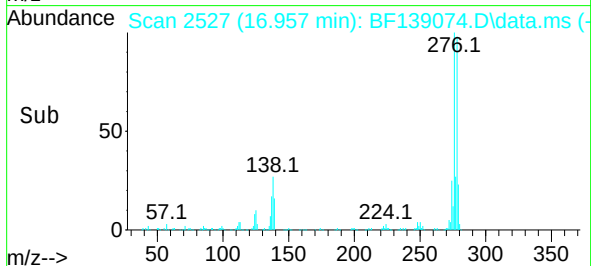
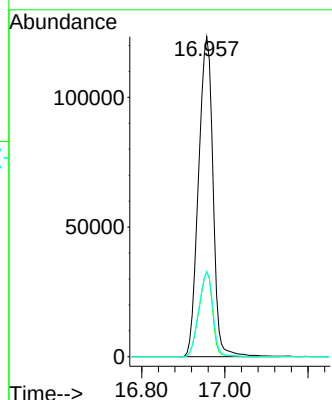
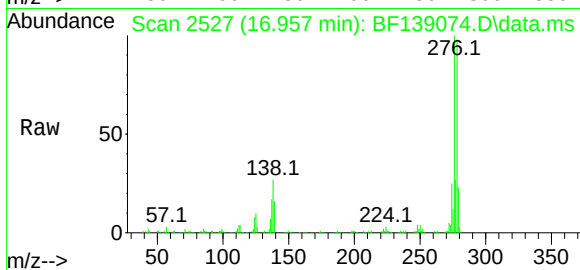
Tgt Ion:276 Resp: 299184

Ion Ratio Lower Upper

276 100

138 24.7 21.8 32.8

277 26.0 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 49.124 ng

RT: 15.045 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

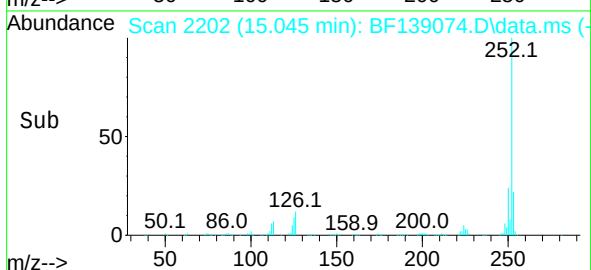
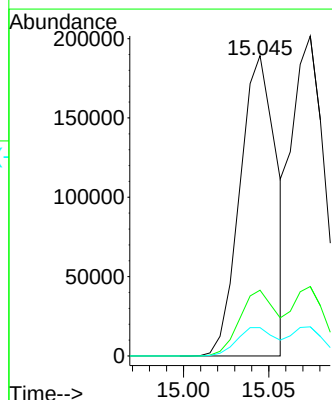
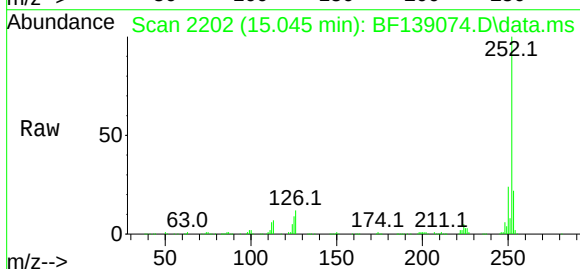
Tgt Ion:252 Resp: 278982

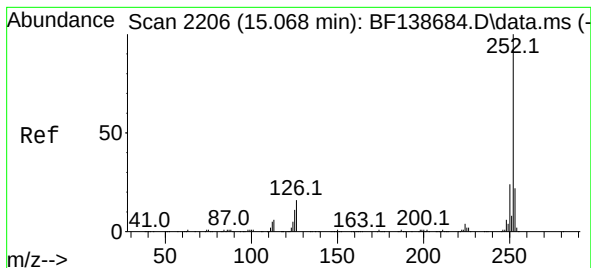
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 55.378 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

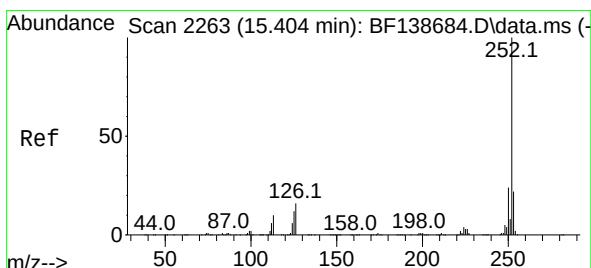
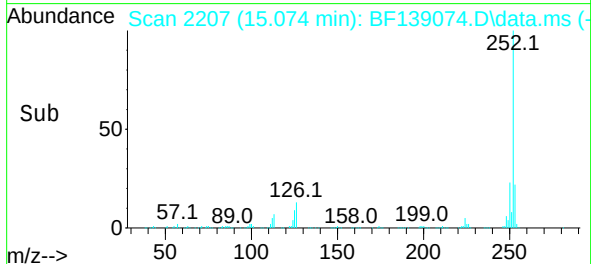
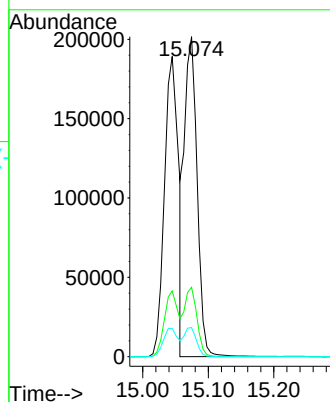
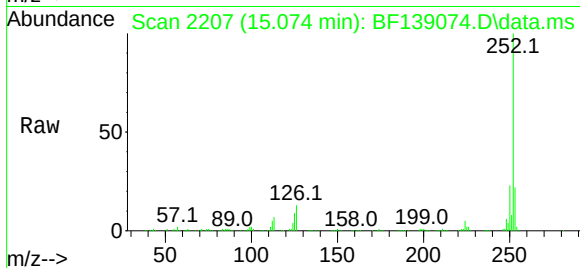
Tgt Ion:252 Resp: 272296

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.1 8.6 13.0



#90

Benzo(a)pyrene

Concen: 54.036 ng

RT: 15.410 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

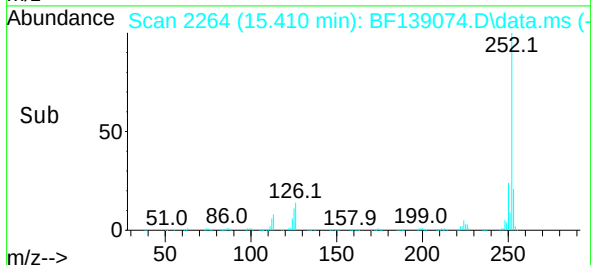
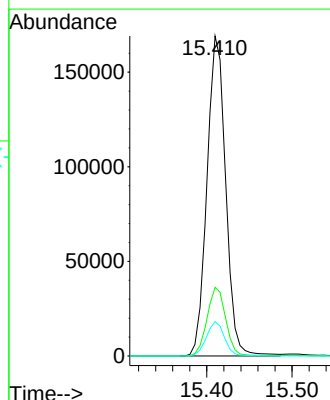
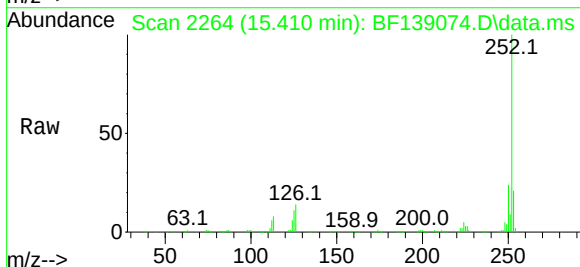
Tgt Ion:252 Resp: 258127

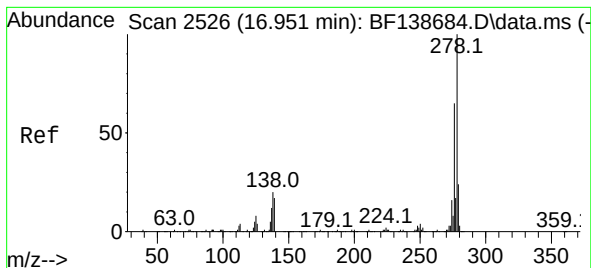
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 10.7 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 46.218 ng

RT: 16.962 min Scan# 2490

Delta R.T. 0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

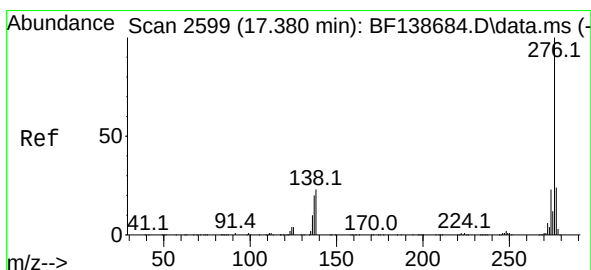
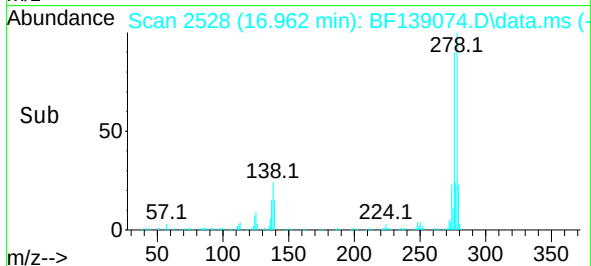
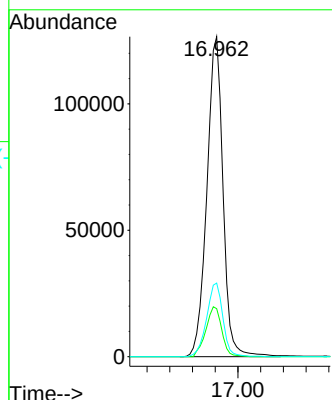
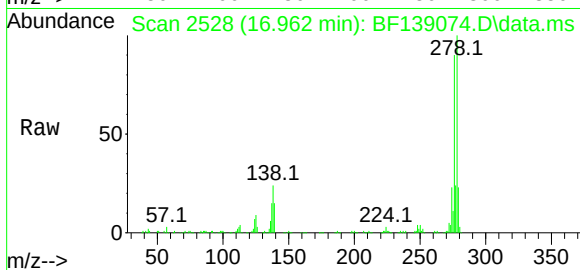
Tgt Ion:278 Resp: 249080

Ion Ratio Lower Upper

278 100

139 15.0 14.0 21.0

279 23.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 40.832 ng

RT: 17.398 min Scan# 2602

Delta R.T. 0.018 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion:276 Resp: 228350

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 20.5 18.5 27.7

