

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
 Data File : BF139063.D
 Acq On : 16 Aug 2024 18:07
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 16 18:31:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	57984	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	235351	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	130297	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	209318	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	99781	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	113358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	298570	79.485	ng	0.00
7) Phenol-d6	6.493	99	404961	80.298	ng	0.00
23) Nitrobenzene-d5	7.410	82	407039	84.557	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	83452	78.189	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	729199	84.086	ng	-0.01
79) Terphenyl-d14	12.939	244	495423	83.129	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	68241	41.496	ng	95
3) Pyridine	3.334	79	165215	41.472	ng	94
4) n-Nitrosodimethylamine	3.310	42	120956	50.979	ng	82
6) Aniline	6.510	93	176564	39.257	ng	# 62
8) 2-Chlorophenol	6.634	128	160825	40.694	ng	98
9) Benzaldehyde	6.398	77	108913	36.026	ng	99
10) Phenol	6.504	94	207506	39.079	ng	# 76
11) bis(2-Chloroethyl)ether	6.581	93	157102	38.448	ng	98
12) 1,3-Dichlorobenzene	6.775	146	179063	40.477	ng	96
13) 1,4-Dichlorobenzene	6.857	146	179659	40.242	ng	99
14) 1,2-Dichlorobenzene	7.010	146	167541	40.155	ng	98
15) Benzyl Alcohol	6.993	79	153115	42.124	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	262472	37.325	ng	# 49
17) 2-Methylphenol	7.104	107	128438	39.357	ng	# 87
18) Hexachloroethane	7.345	117	70773	42.114	ng	100
19) n-Nitroso-di-n-propyla...	7.257	70	129416	42.487	ng	96
20) 3+4-Methylphenols	7.263	107	173909	41.535	ng	# 82
22) Acetophenone	7.257	105	241454	41.901	ng	96
24) Nitrobenzene	7.428	77	201593	41.155	ng	99
25) Isophorone	7.669	82	328432	39.957	ng	98
26) 2-Nitrophenol	7.745	139	85661	40.647	ng	94
27) 2,4-Dimethylphenol	7.781	122	101499	40.254	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	193285	38.614	ng	98
29) 2,4-Dichlorophenol	7.992	162	132096	40.770	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	150519	40.255	ng	100
31) Naphthalene	8.140	128	493085	39.803	ng	100
32) Benzoic acid	7.945	122	54175	27.333	ng	93
33) 4-Chloroaniline	8.198	127	159278	38.303	ng	98
34) Hexachlorobutadiene	8.251	225	98407	43.451	ng	97
35) Caprolactam	8.587	113	29572	30.588	ng	92
36) 4-Chloro-3-methylphenol	8.687	107	154871	41.824	ng	98
37) 2-Methylnaphthalene	8.828	142	316662	40.474	ng	100
38) 1-Methylnaphthalene	8.928	142	309425	40.360	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	146556	40.491	ng	98
41) Hexachlorocyclopentadiene	8.975	237	33393	38.787	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	84097	38.107	ng	100

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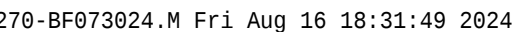
Instrument :
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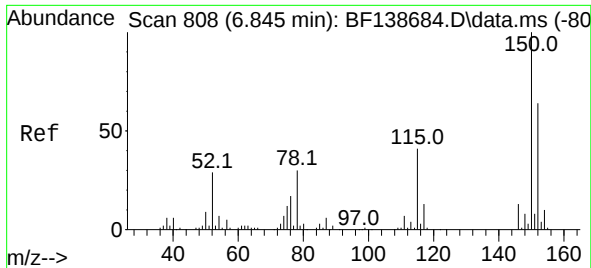
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	94256	39.069	ng	99
46) 1,1'-Biphenyl	9.292	154	410224	40.200	ng	100
47) 2-Chloronaphthalene	9.322	162	300343	39.573	ng	98
48) 2-Nitroaniline	9.428	65	105641	41.058	ng	95
49) Acenaphthylene	9.734	152	422577	39.258	ng	100
50) Dimethylphthalate	9.598	163	341788	41.024	ng	100
51) 2,6-Dinitrotoluene	9.669	165	77549	41.244	ng	87
52) Acenaphthene	9.904	154	282551	39.049	ng	99
53) 3-Nitroaniline	9.839	138	74369	38.261	ng	95
54) 2,4-Dinitrophenol	9.957	184	33215	38.375	ng	# 79
55) Dibenzofuran	10.075	168	407876	39.932	ng	97
56) 4-Nitrophenol	10.022	139	42405	36.279	ng	86
57) 2,4-Dinitrotoluene	10.075	165	102194	42.601	ng	# 77
58) Fluorene	10.422	166	329189	40.471	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	69120	37.475	ng	95
60) Diethylphthalate	10.292	149	338832	42.892	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	165585	41.392	ng	96
62) 4-Nitroaniline	10.457	138	65215	35.306	ng	84
63) Azobenzene	10.569	77	358137	40.877	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	50031	39.178	ng	94
66) n-Nitrosodiphenylamine	10.534	169	265449	40.571	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	93430	41.227	ng	97
68) Hexachlorobenzene	10.969	284	93738	40.060	ng	99
69) Atrazine	11.057	200	57810	34.246	ng	96
70) Pentachlorophenol	11.175	266	33315	31.587	ng	96
71) Phenanthrene	11.386	178	433129	40.186	ng	99
72) Anthracene	11.439	178	428715	40.376	ng	99
73) Carbazole	11.598	167	357306	39.004	ng	98
74) Di-n-butylphthalate	11.910	149	468917	45.534	ng	100
75) Fluoranthene	12.575	202	386809	38.442	ng	98
77) Benzidine	12.698	184	84217	35.288	ng	98
78) Pyrene	12.804	202	378341	40.272	ng	99
80) Butylbenzylphthalate	13.410	149	130764	43.466	ng	96
81) Benzo(a)anthracene	13.992	228	274181	39.903	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	75787	43.101	ng	98
83) Chrysene	14.027	228	241917	39.025	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	173581	39.402	ng	99
85) Di-n-octyl phthalate	14.574	149	303501	37.236	ng	96
87) Indeno(1,2,3-cd)pyrene	16.951	276	293989	36.189	ng	97
88) Benzo(b)fluoranthene	15.039	252	257925	36.704	ng	99
89) Benzo(k)fluoranthene	15.069	252	260750	42.857	ng	97
90) Benzo(a)pyrene	15.404	252	233253	39.462	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	236101	35.406	ng	98
92) Benzo(g,h,i)perylene	17.392	276	240229	34.716	ng	97

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

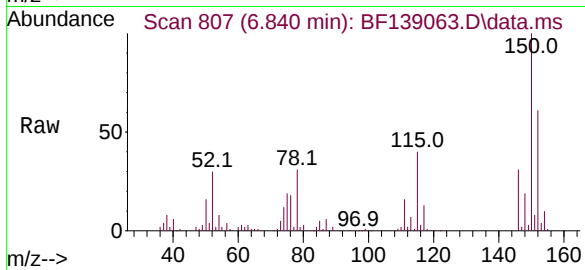
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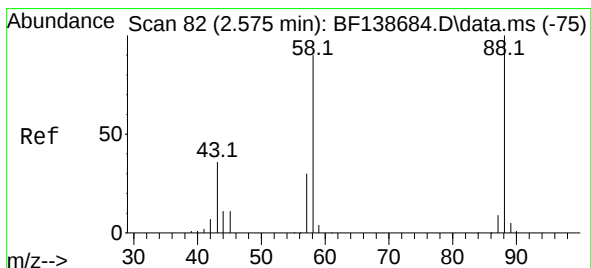
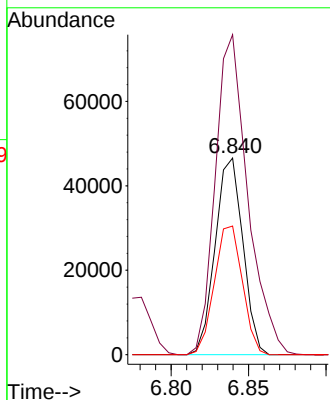
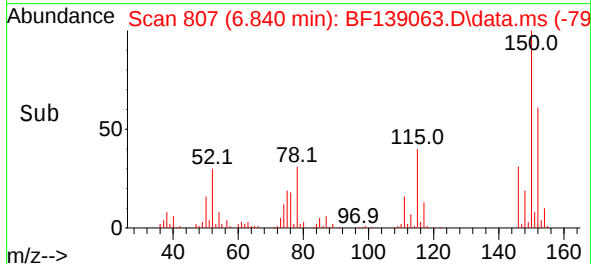


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

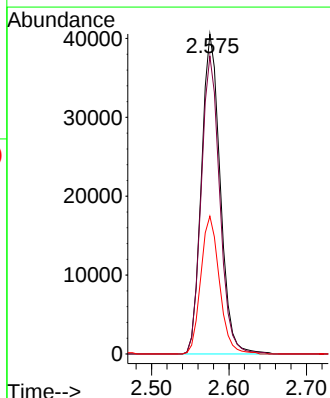
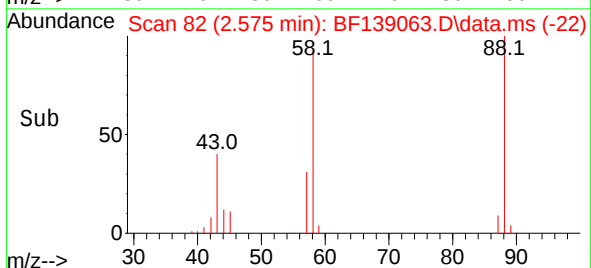
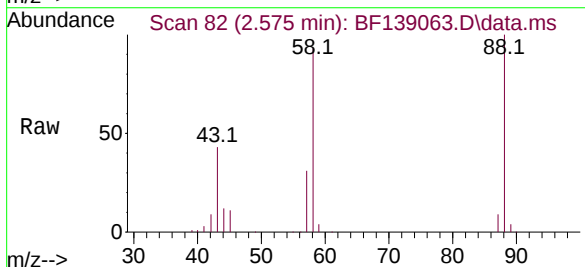


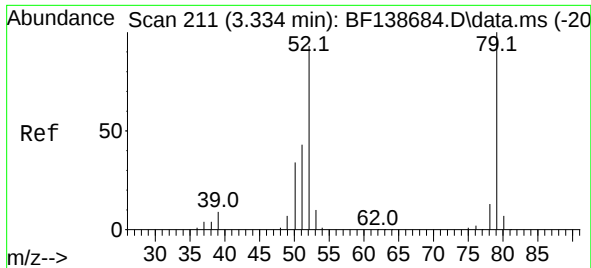
Tgt Ion:152 Resp: 57984
Ion Ratio Lower Upper
152 100
150 162.8 126.0 189.0
115 65.4 51.7 77.5



#2
1,4-Dioxane
Concen: 41.496 ng
RT: 2.575 min Scan# 82
Delta R.T. 0.000 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion: 88 Resp: 68241
Ion Ratio Lower Upper
88 100
58 91.7 71.6 107.4
43 42.8 28.7 43.1





#3

Pyridine

Concen: 41.472 ng

RT: 3.334 min Scan# 211

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

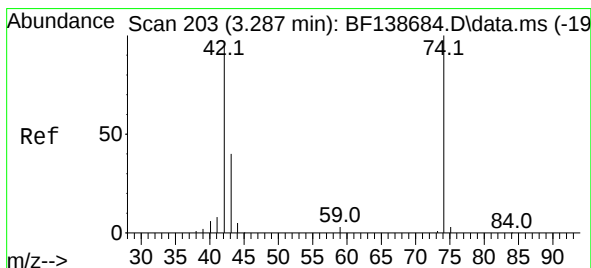
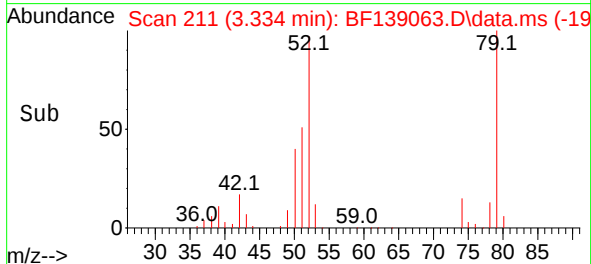
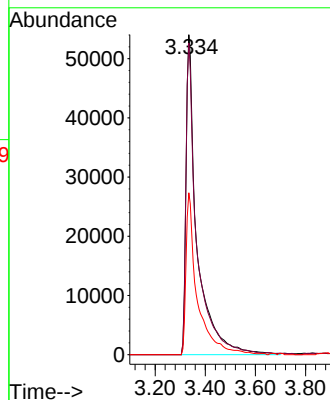
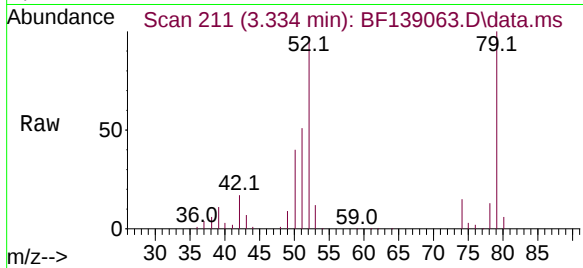
Tgt Ion: 79 Resp: 165215

Ion Ratio Lower Upper

79 100

52 97.4 74.7 112.1

51 50.6 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 50.979 ng

RT: 3.310 min Scan# 207

Delta R.T. 0.024 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

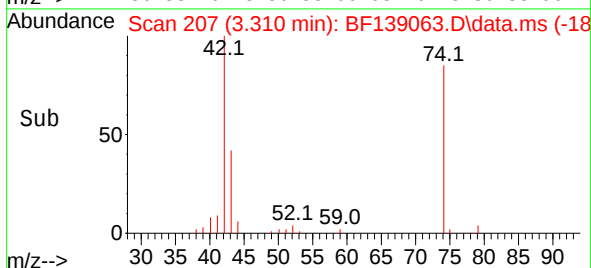
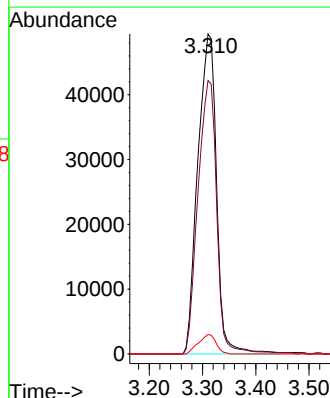
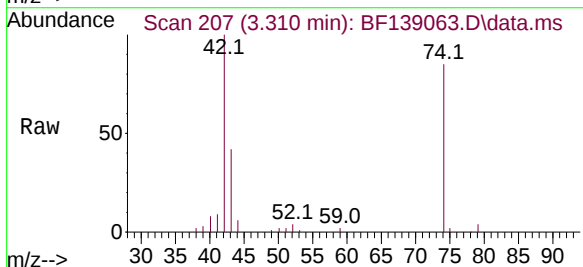
Tgt Ion: 42 Resp: 120956

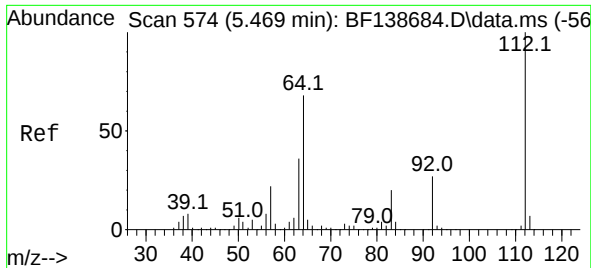
Ion Ratio Lower Upper

42 100

74 85.5 84.2 126.4

44 6.1 4.9 7.3

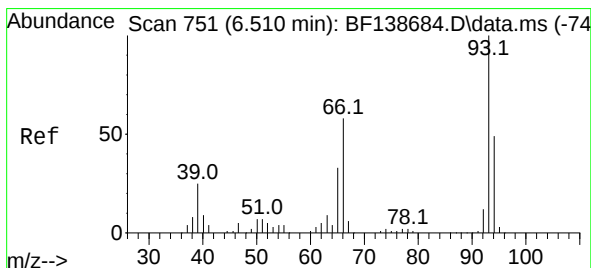
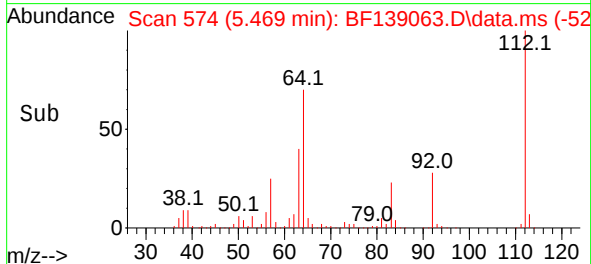
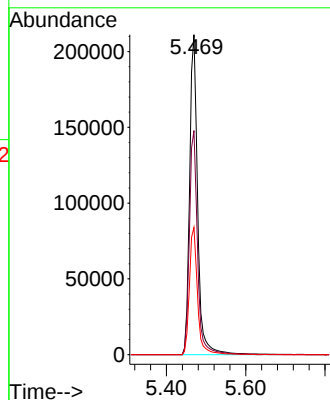
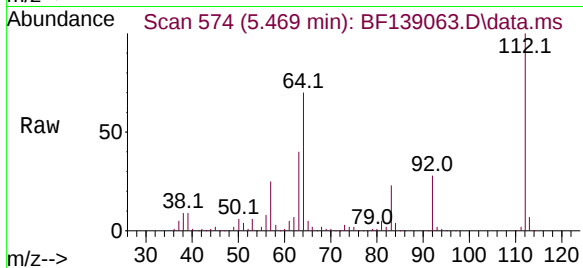




#5
2-Fluorophenol
Concen: 79.485 ng
RT: 5.469 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

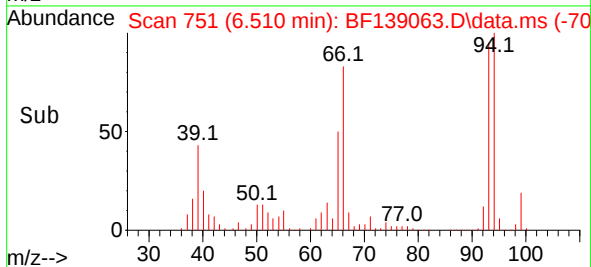
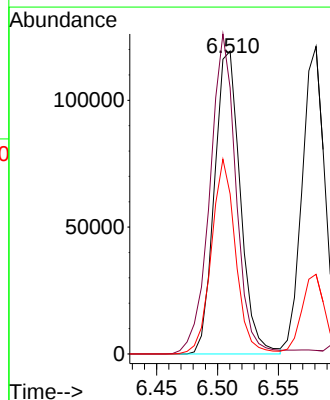
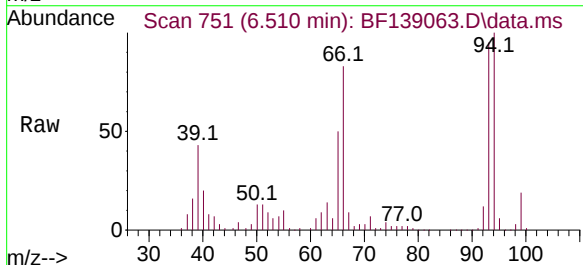
Instrument :
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ClientSampleId :
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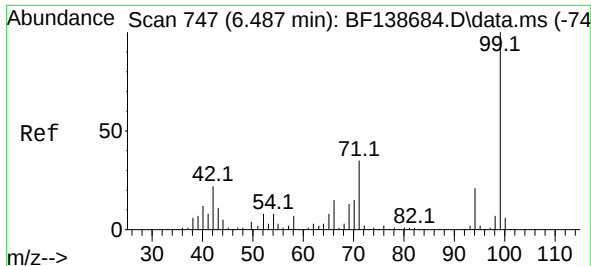
Tgt Ion:112 Resp: 298570
Ion Ratio Lower Upper
112 100
64 70.1 54.2 81.4
63 39.8 28.7 43.1



#6
Aniline
Concen: 39.257 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion: 93 Resp: 176564
Ion Ratio Lower Upper
93 100
66 87.8 46.9 70.3#
65 52.8 26.5 39.7#

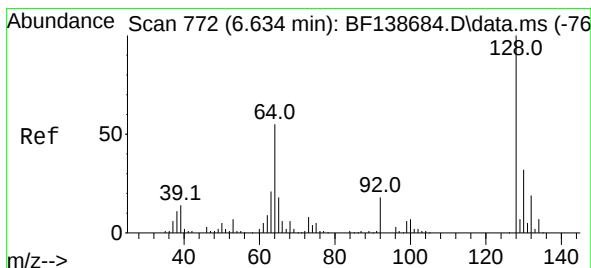
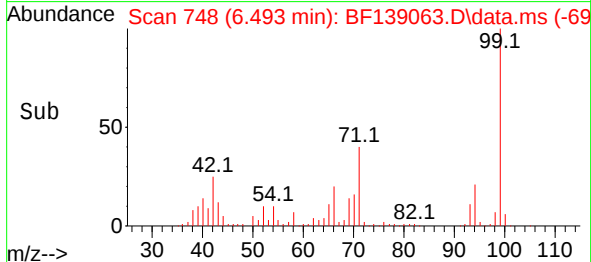
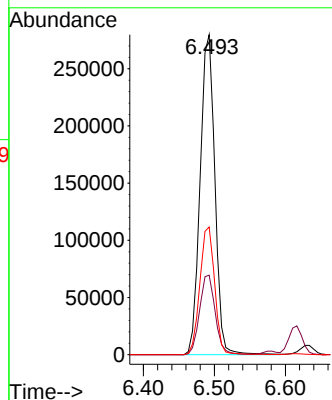
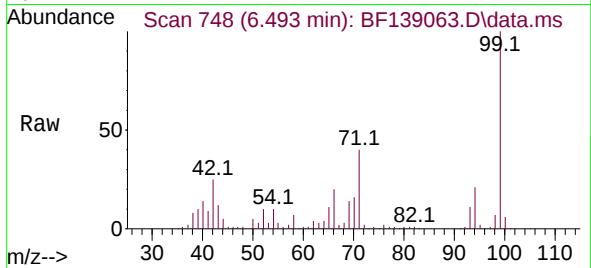




#7
Phenol-d6
Concen: 80.298 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

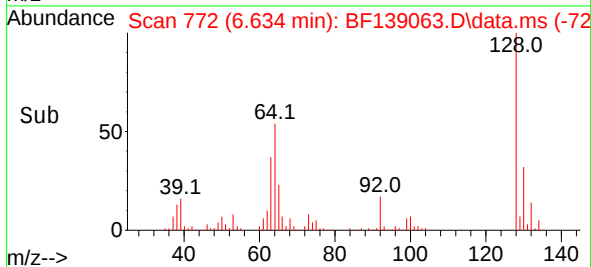
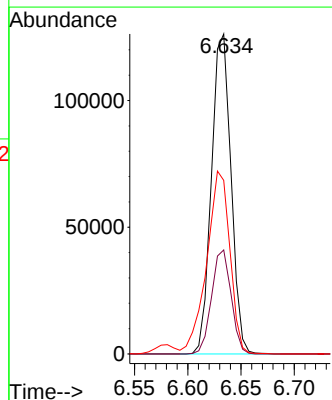
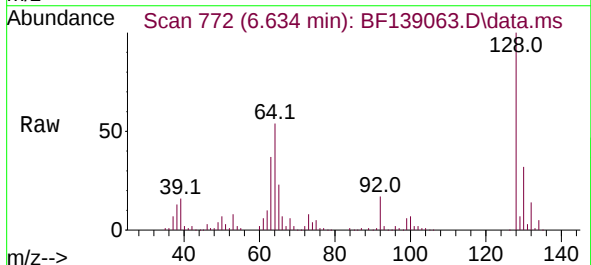
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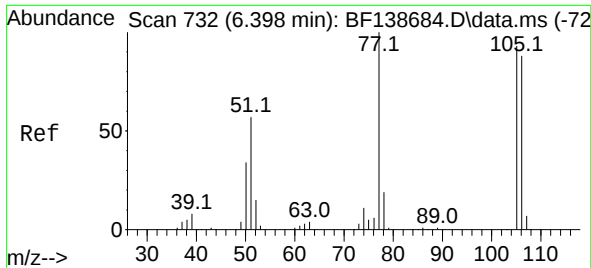
Tgt Ion: 99 Resp: 404961
Ion Ratio Lower Upper
99 100
42 24.8 17.4 26.0
71 39.9 28.1 42.1



#8
2-Chlorophenol
Concen: 40.694 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion:128 Resp: 160825
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 54.3 36.3 76.3





#9

Benzaldehyde

Concen: 36.026 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

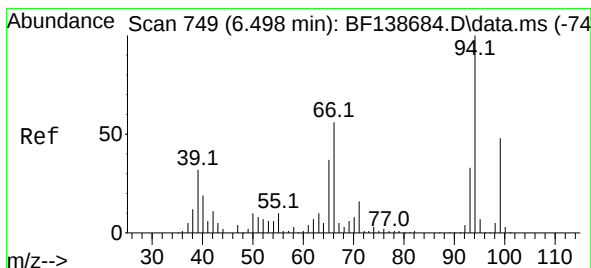
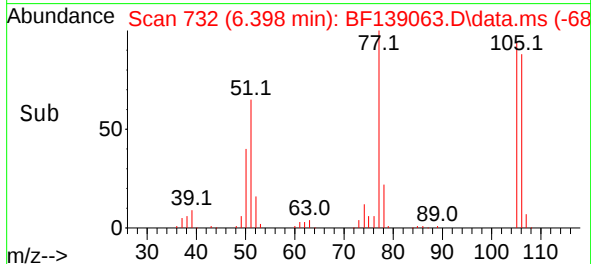
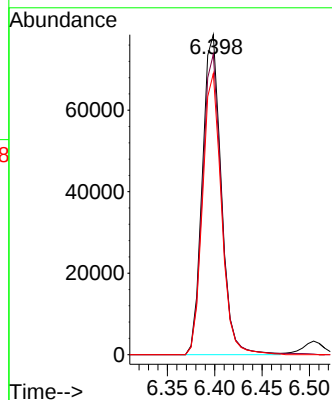
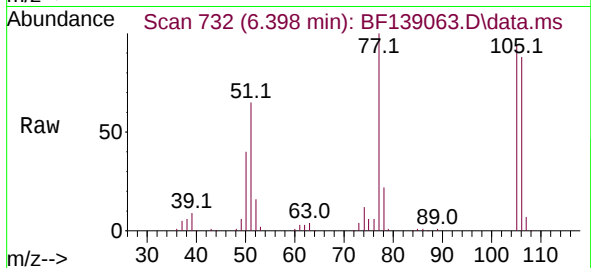
Tgt Ion: 77 Resp: 108913

Ion Ratio Lower Upper

77 100

105 93.9 72.9 112.9

106 87.9 68.4 108.4



#10

Phenol

Concen: 39.079 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

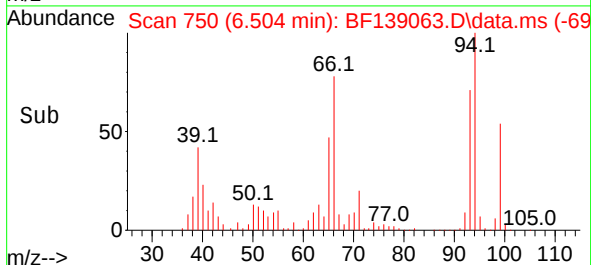
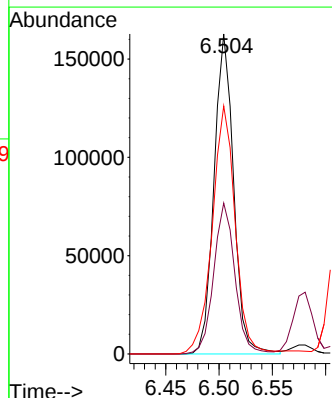
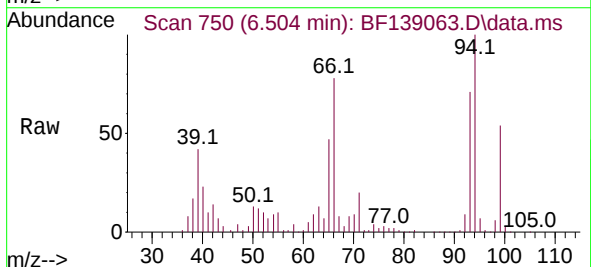
Tgt Ion: 94 Resp: 207506

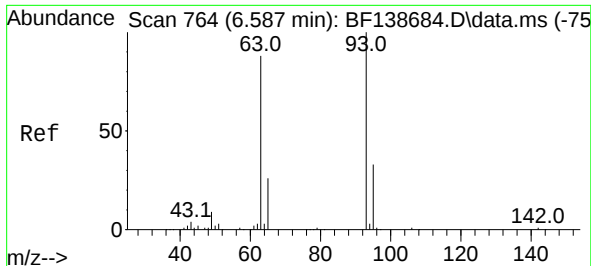
Ion Ratio Lower Upper

94 100

65 47.2 16.9 56.9

66 77.5 36.5 76.5#





#11

bis(2-Chloroethyl)ether

Concen: 38.448 ng

RT: 6.581 min Scan# 7

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

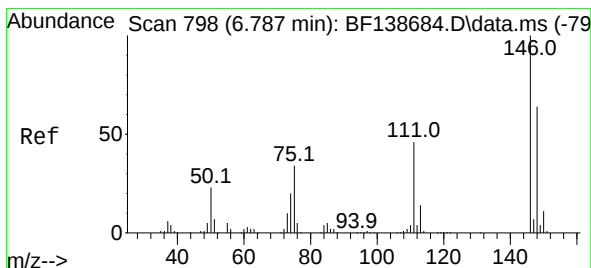
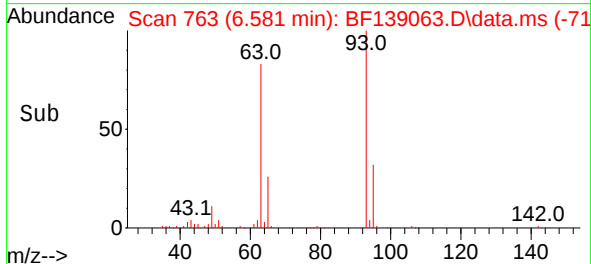
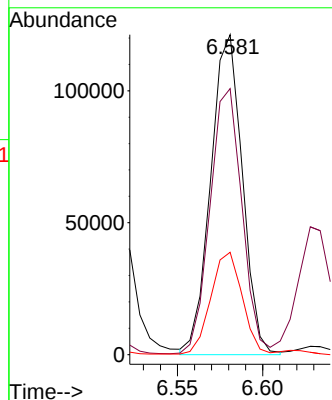
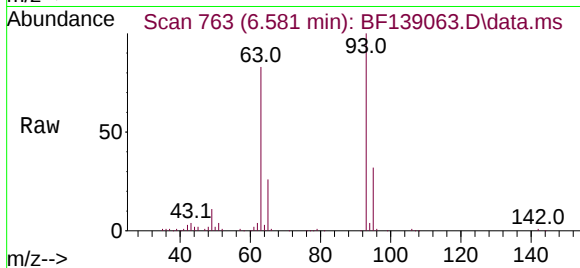
Tgt Ion: 93 Resp: 157102

Ion Ratio Lower Upper

93 100

63 83.1 65.3 105.3

95 32.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 40.477 ng

RT: 6.775 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

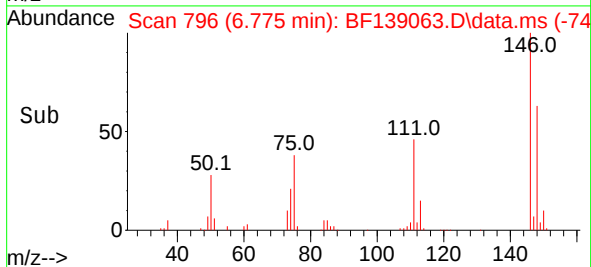
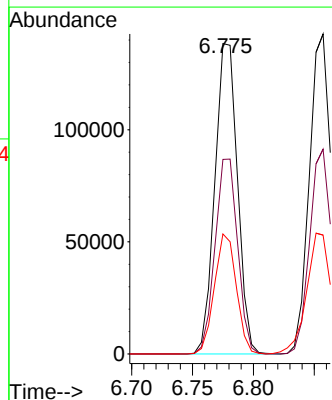
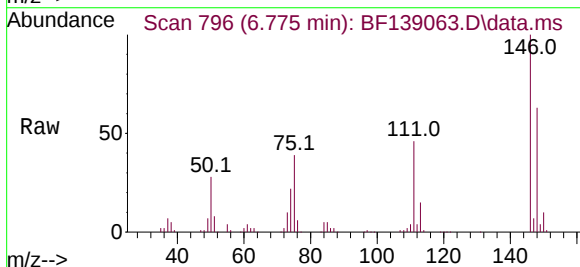
Tgt Ion:146 Resp: 179063

Ion Ratio Lower Upper

146 100

148 62.7 51.2 76.8

75 38.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 40.242 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

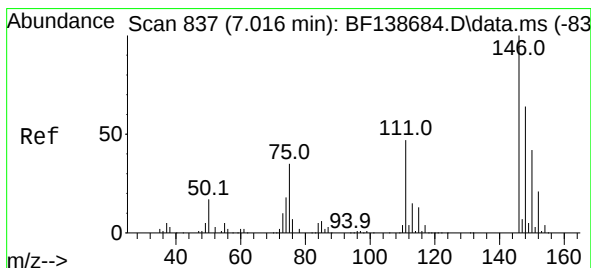
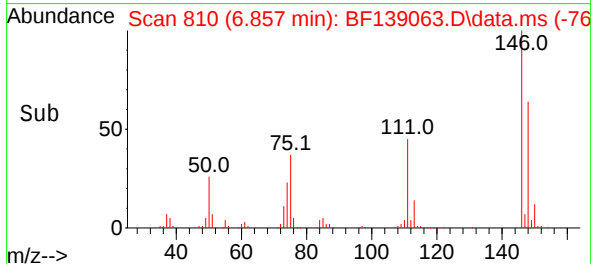
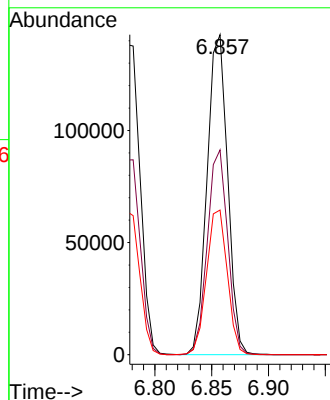
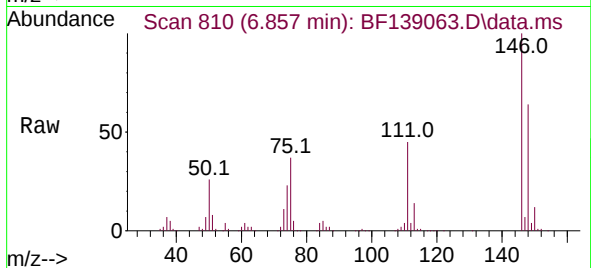
Tgt Ion:146 Resp: 179659

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.2

111 45.2 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 40.155 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

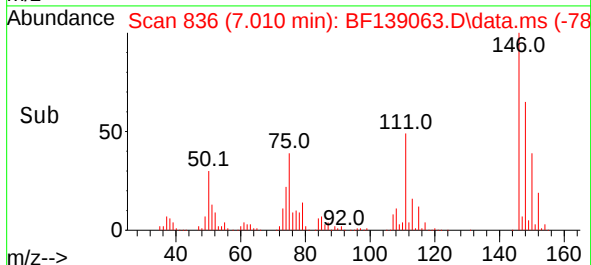
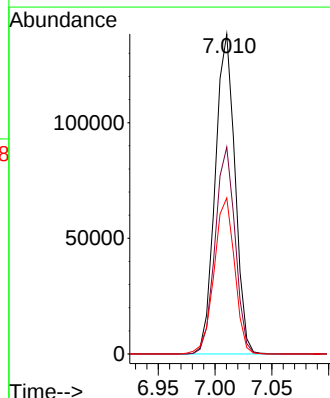
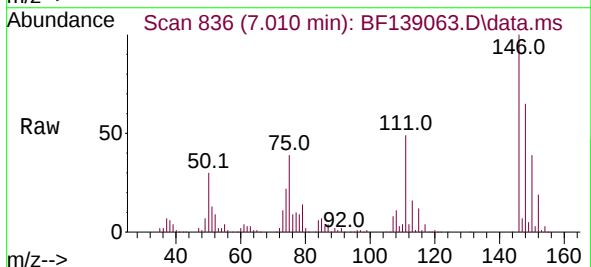
Tgt Ion:146 Resp: 167541

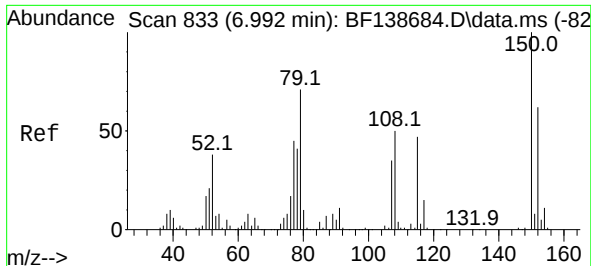
Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

111 48.7 37.4 56.2





#15

Benzyl Alcohol

Concen: 42.124 ng

RT: 6.993 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

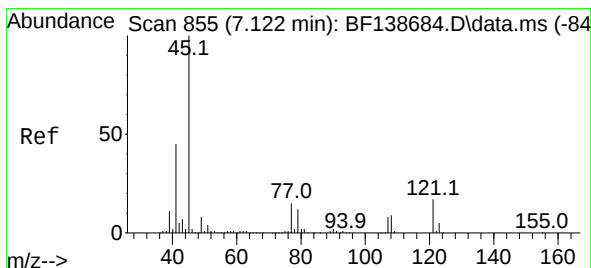
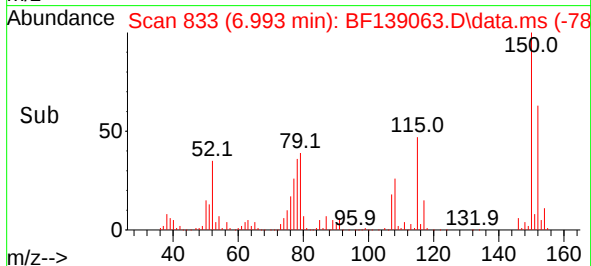
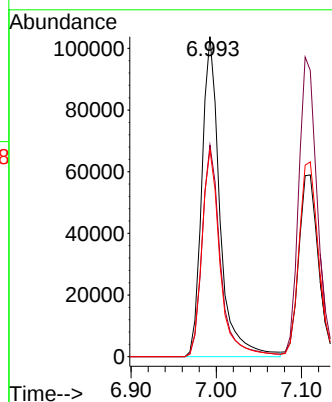
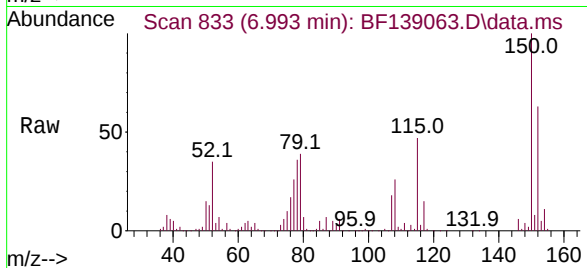
Tgt Ion: 79 Resp: 153115

Ion Ratio Lower Upper

79 100

108 66.1 56.6 85.0

77 64.6 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.325 ng

RT: 7.110 min Scan# 853

Delta R.T. -0.012 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

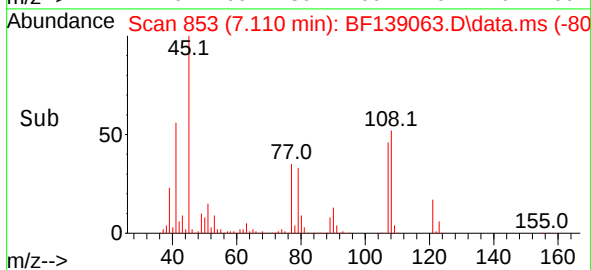
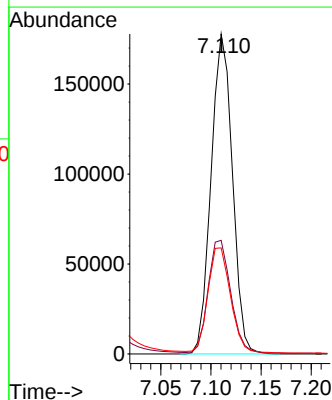
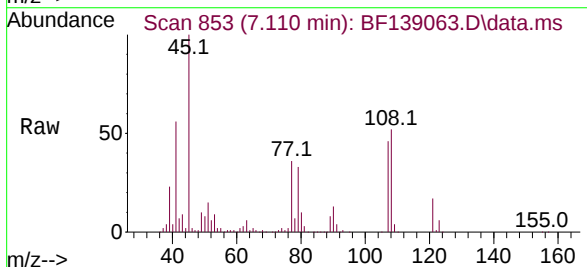
Tgt Ion: 45 Resp: 262472

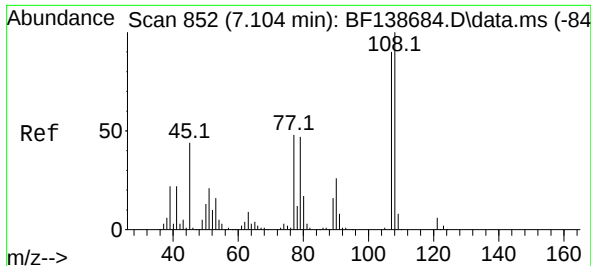
Ion Ratio Lower Upper

45 100

77 35.5 0.0 34.9#

79 33.2 0.0 32.2#





#17

2-Methylphenol

Concen: 39.357 ng

RT: 7.104 min Scan# 852

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 128438

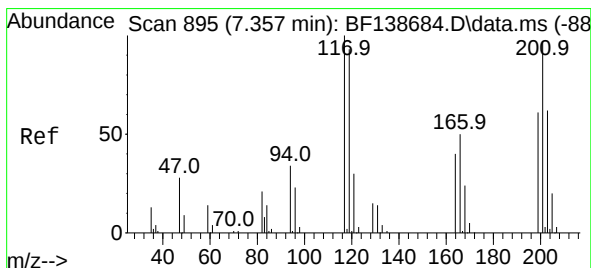
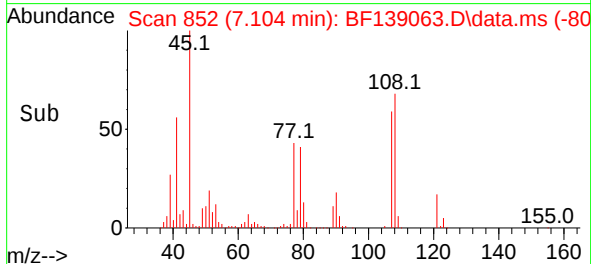
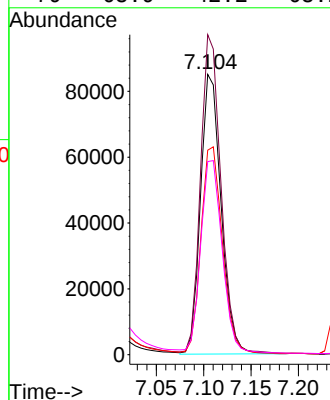
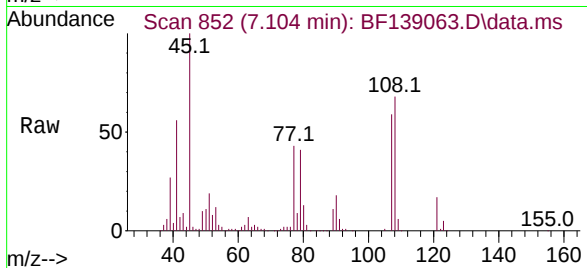
Ion Ratio Lower Upper

107 100

108 114.1 89.2 133.8

77 72.9 43.0 64.4#

79 68.9 42.2 63.2#



#18

Hexachloroethane

Concen: 42.114 ng

RT: 7.345 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

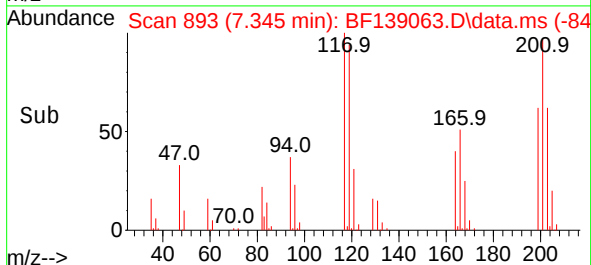
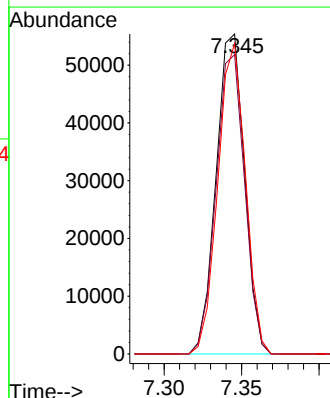
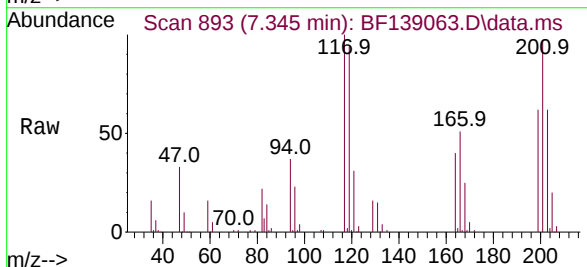
Tgt Ion:117 Resp: 70773

Ion Ratio Lower Upper

117 100

119 93.6 74.6 111.8

201 97.0 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.487 ng

RT: 7.257 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 129416

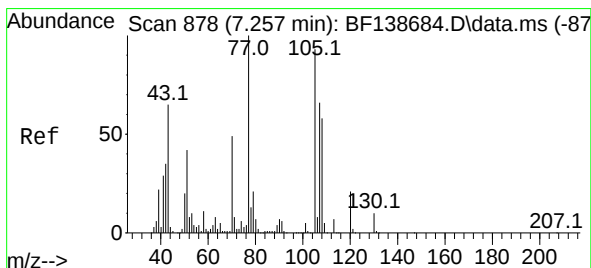
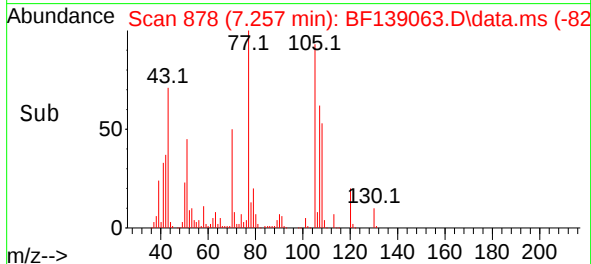
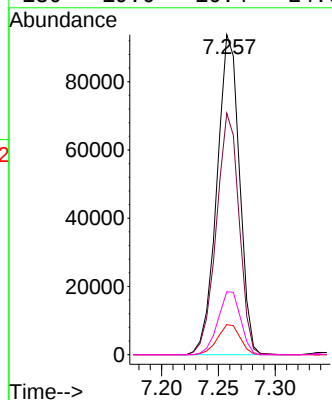
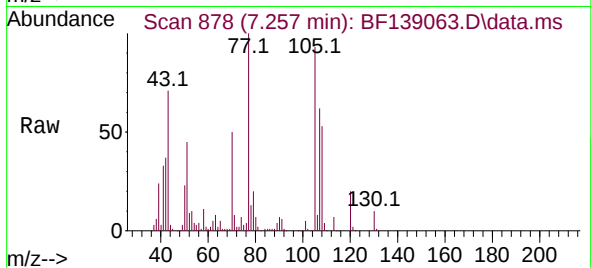
Ion Ratio Lower Upper

70 100

42 75.4 57.4 86.0

101 9.4 7.5 11.3

130 19.6 16.4 24.6



#20

3+4-Methylphenols

Concen: 41.535 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Tgt Ion:107 Resp: 173909

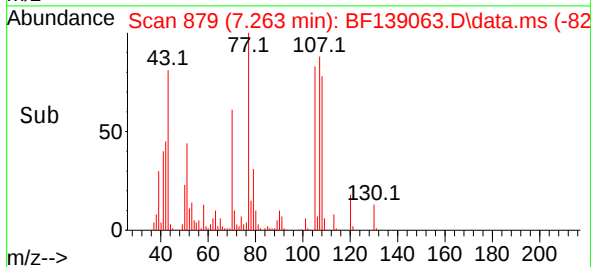
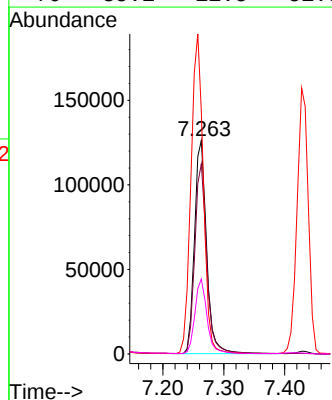
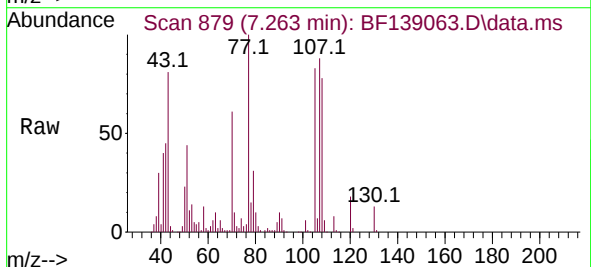
Ion Ratio Lower Upper

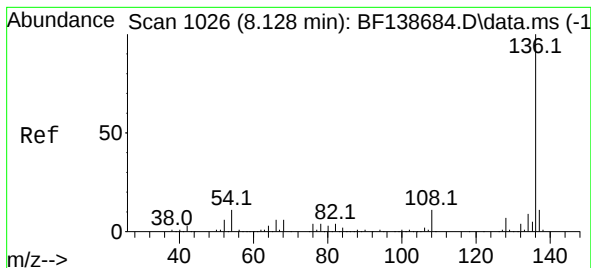
107 100

108 89.1 68.2 108.2

77 113.6 132.1 172.1#

79 35.1 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139063.D

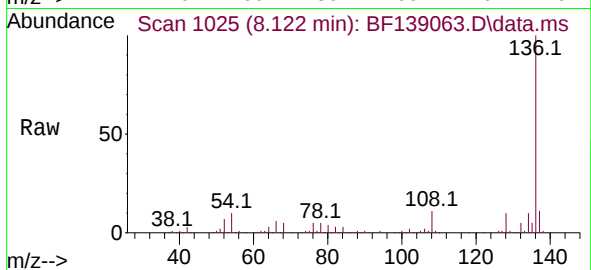
Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:136 Resp: 235351

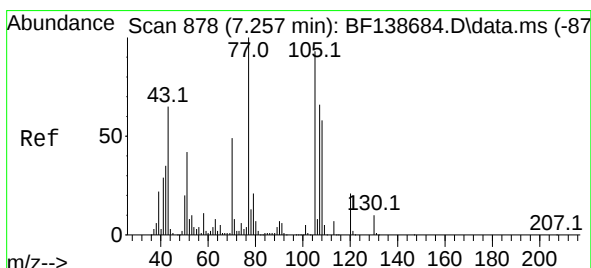
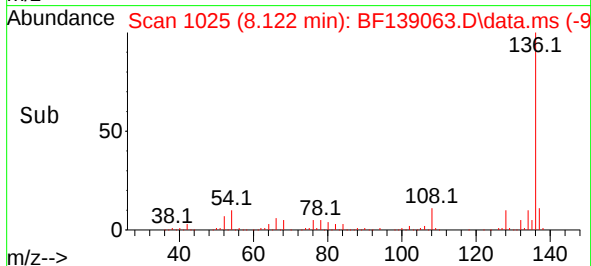
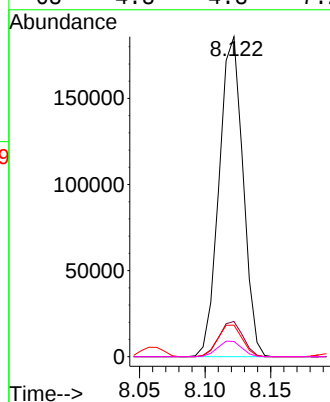
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.8 8.6 12.8

68 4.8 4.8 7.2#



#22

Acetophenone

Concen: 41.901 ng

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Tgt Ion:105 Resp: 241454

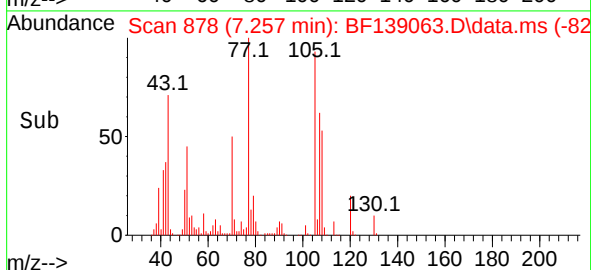
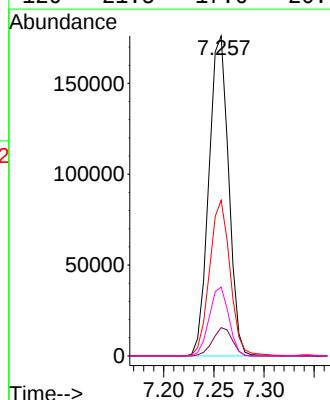
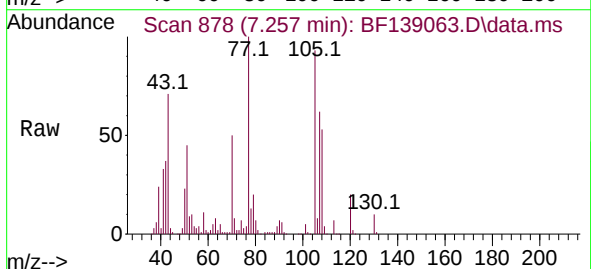
Ion Ratio Lower Upper

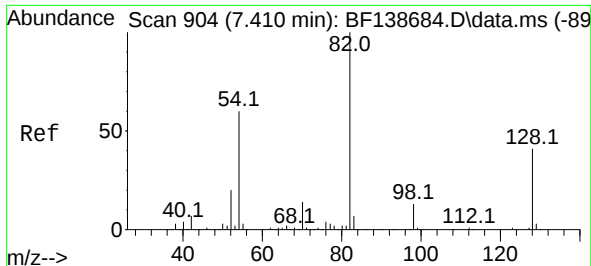
105 100

71 8.9 7.2 10.8

51 48.7 35.9 53.9

120 21.5 17.6 26.4





#23
Nitrobenzene-d5
Concen: 84.557 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

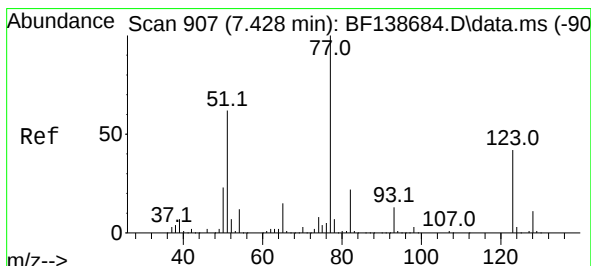
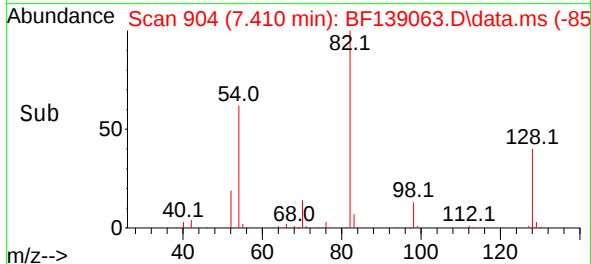
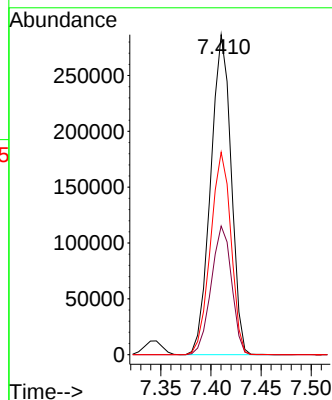
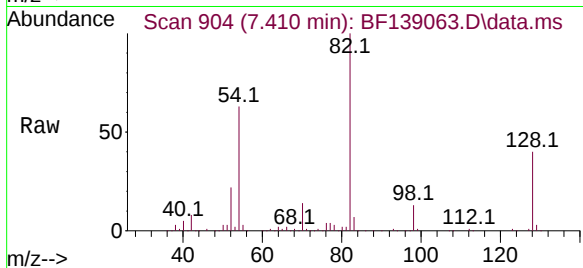
Instrument :

BNA_F

ClientSampleId :

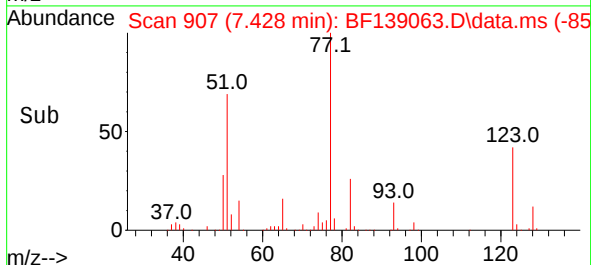
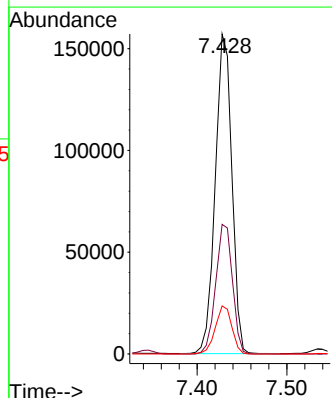
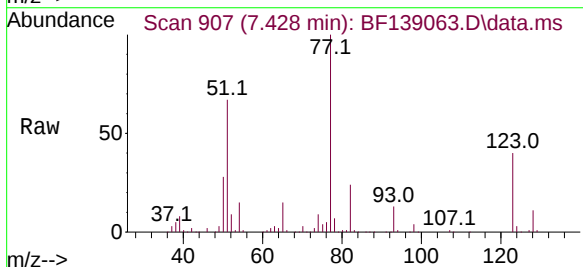
SSTDCCC040EC

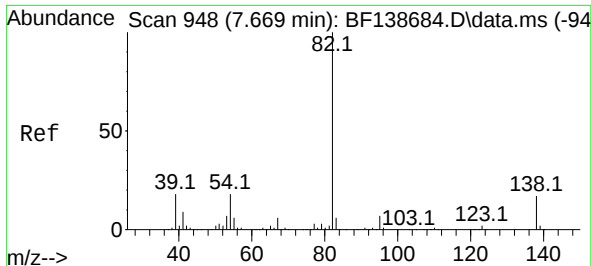
Tgt Ion: 82 Resp: 407039
Ion Ratio Lower Upper
82 100
128 40.2 32.8 49.2
54 63.3 48.3 72.5



#24
Nitrobenzene
Concen: 41.155 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion: 77 Resp: 201593
Ion Ratio Lower Upper
77 100
123 40.5 33.3 49.9
65 15.0 11.9 17.9

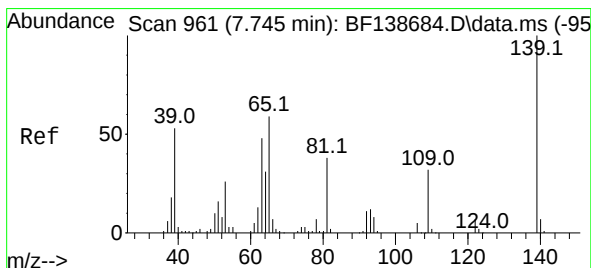
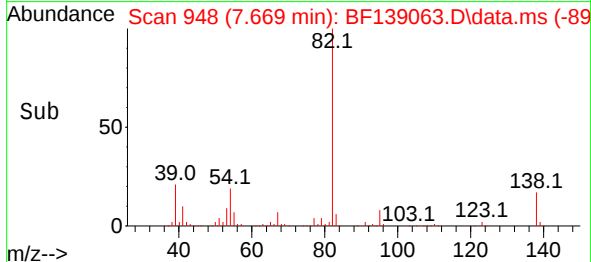
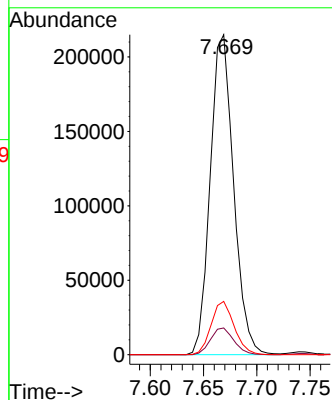
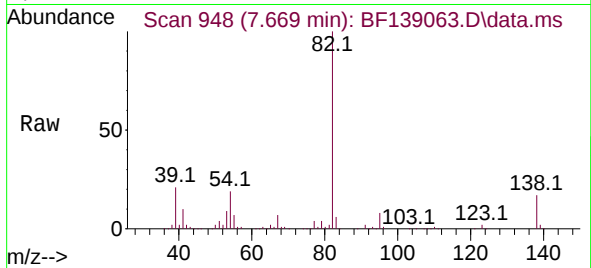




#25
Isophorone
Concen: 39.957 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

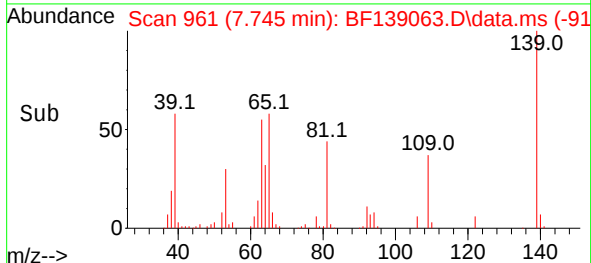
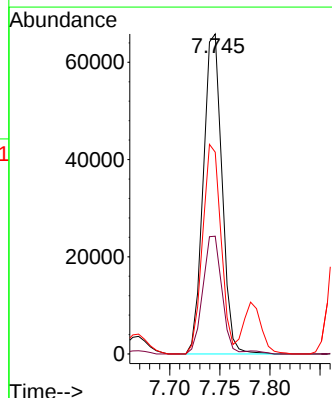
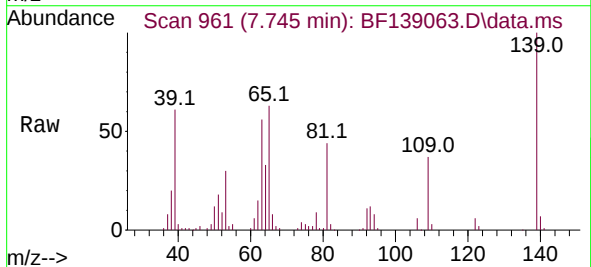
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

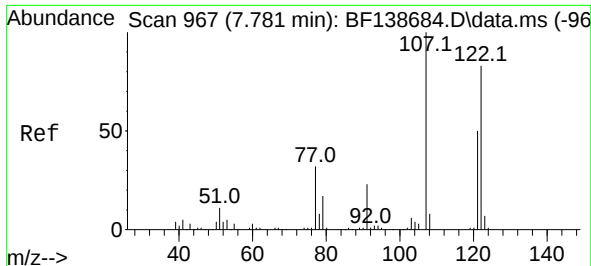
Tgt Ion: 82 Resp: 328432
Ion Ratio Lower Upper
82 100
95 8.3 5.7 8.5
138 16.6 13.7 20.5



#26
2-Nitrophenol
Concen: 40.647 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion:139 Resp: 85661
Ion Ratio Lower Upper
139 100
109 36.8 25.9 38.9
65 63.1 47.0 70.6

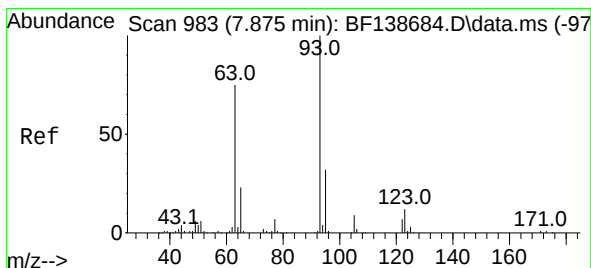
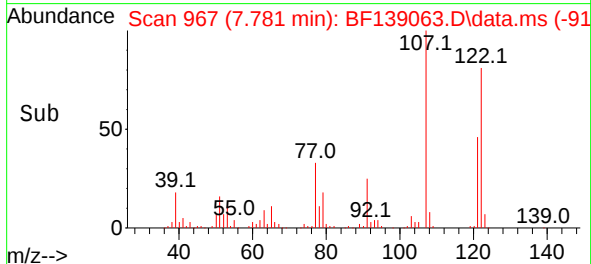
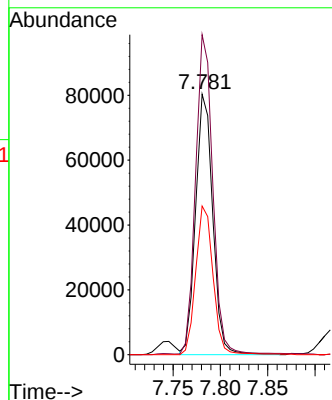
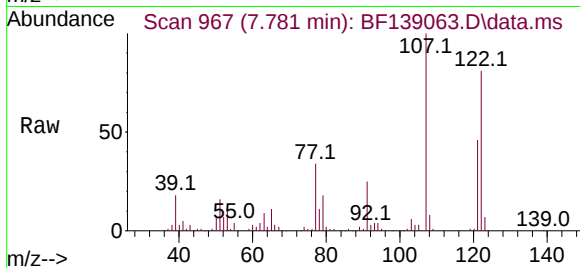




#27
2,4-Dimethylphenol
Concen: 40.254 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

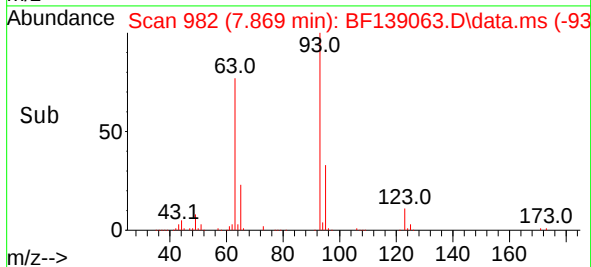
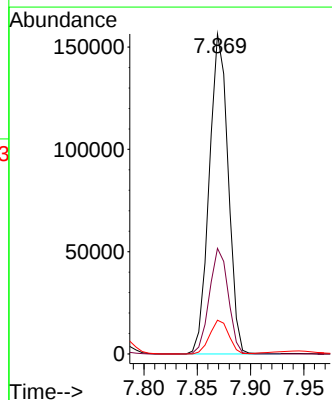
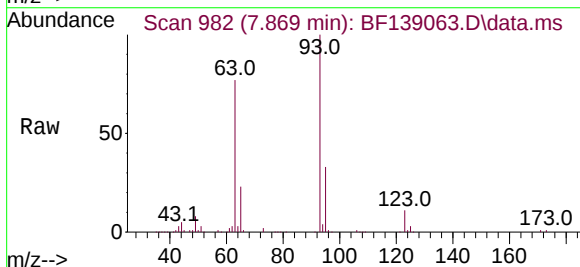
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

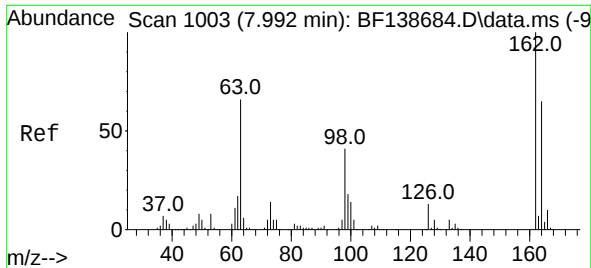
Tgt Ion:122 Resp: 101499
Ion Ratio Lower Upper
122 100
107 122.9 95.0 142.6
121 57.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 38.614 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion: 93 Resp: 193285
Ion Ratio Lower Upper
93 100
95 33.0 25.8 38.8
123 10.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.770 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

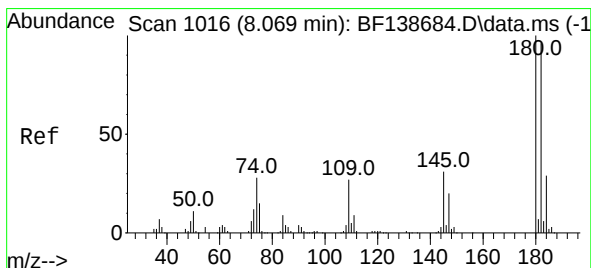
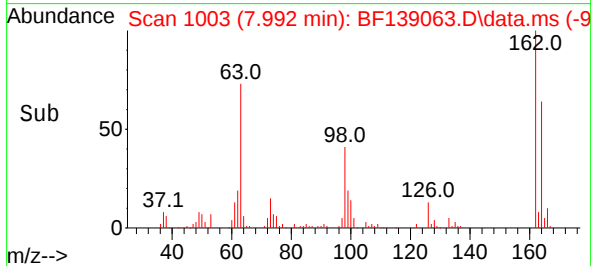
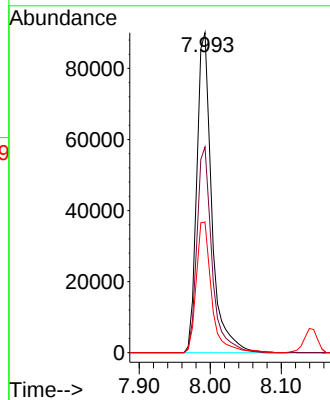
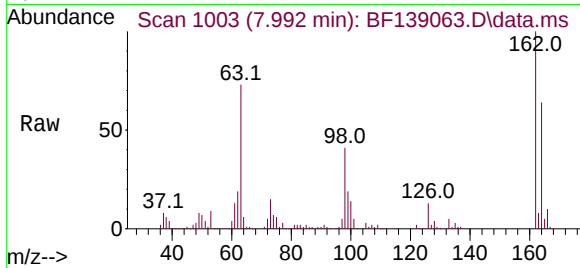
Tgt Ion:162 Resp: 132096

Ion Ratio Lower Upper

162 100

164 64.3 44.7 84.7

98 40.8 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 40.255 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

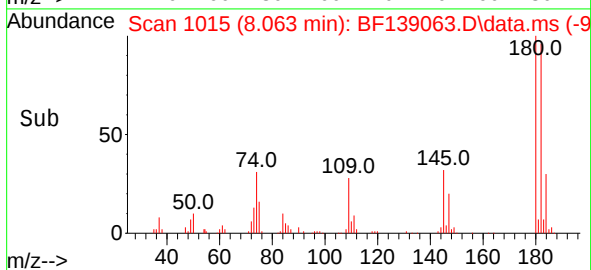
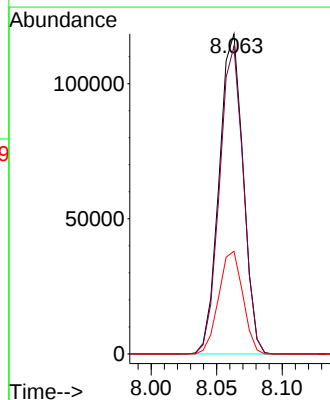
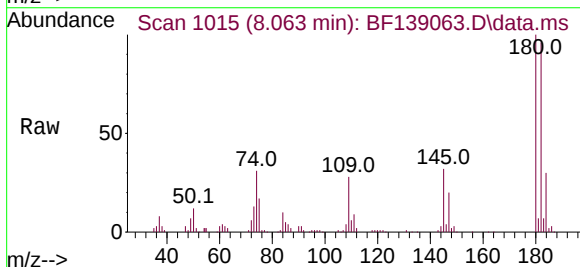
Tgt Ion:180 Resp: 150519

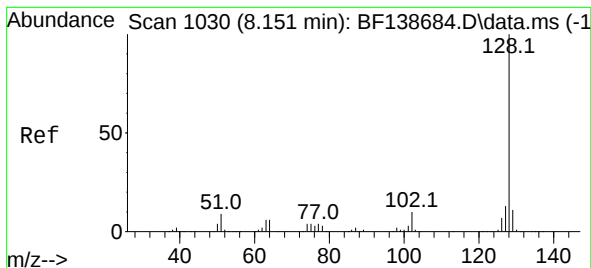
Ion Ratio Lower Upper

180 100

182 96.2 76.9 115.3

145 32.1 25.0 37.4





#31

Naphthalene

Concen: 39.803 ng

RT: 8.140 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

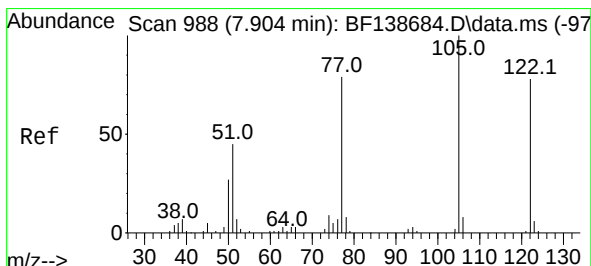
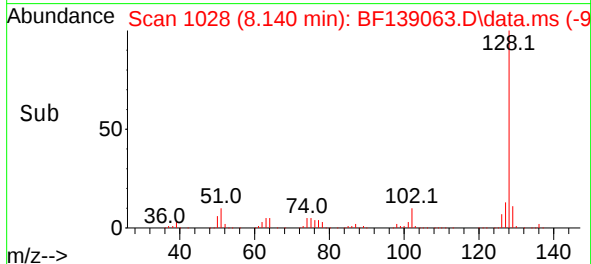
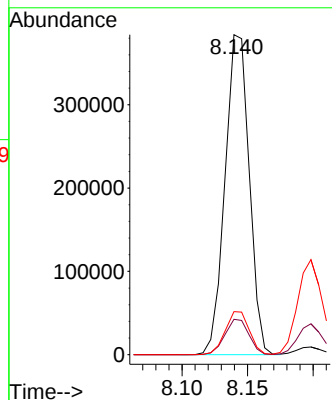
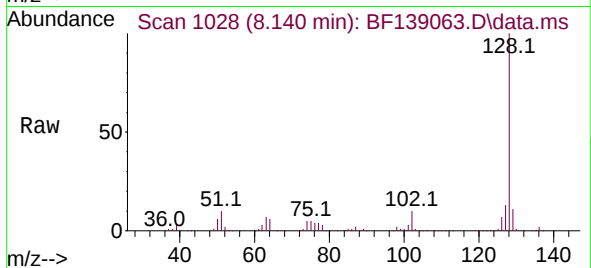
Tgt Ion:128 Resp: 493085

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 27.333 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.041 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

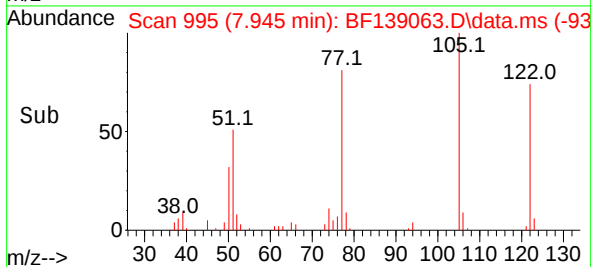
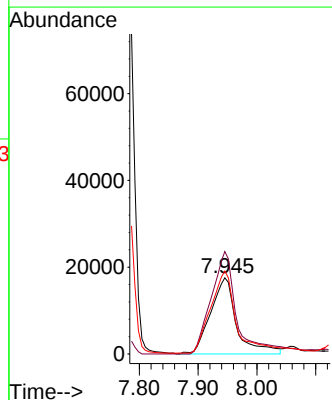
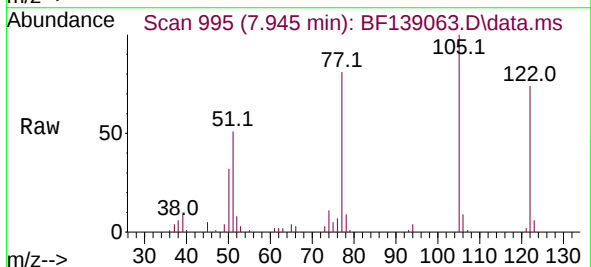
Tgt Ion:122 Resp: 54175

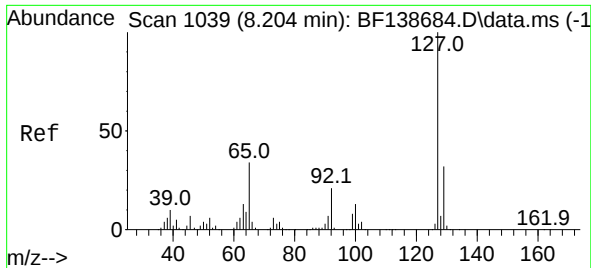
Ion Ratio Lower Upper

122 100

105 134.5 106.7 146.7

77 108.8 81.1 121.1





#33

4-Chloroaniline

Concen: 38.303 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 159278

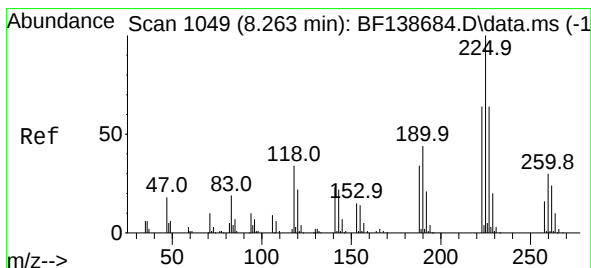
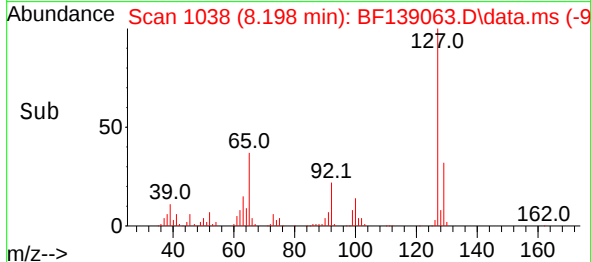
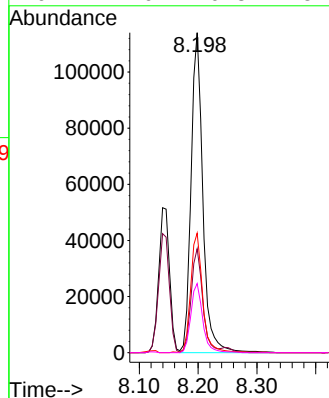
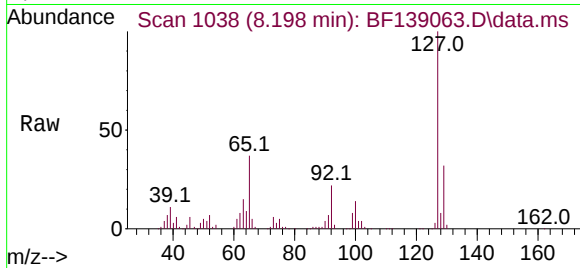
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 37.3 27.6 41.4

92 21.6 16.8 25.2



#34

Hexachlorobutadiene

Concen: 43.451 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

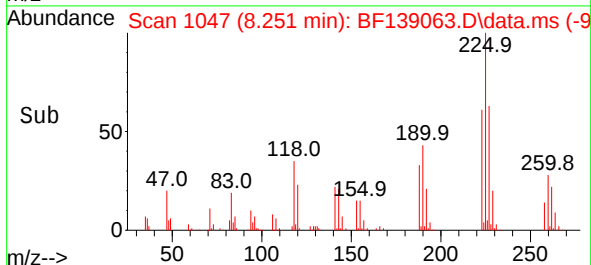
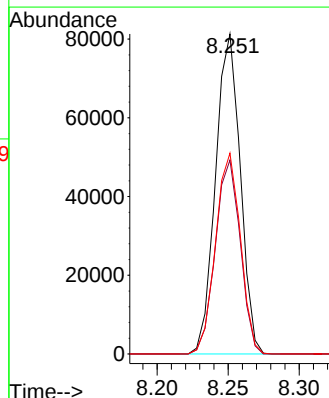
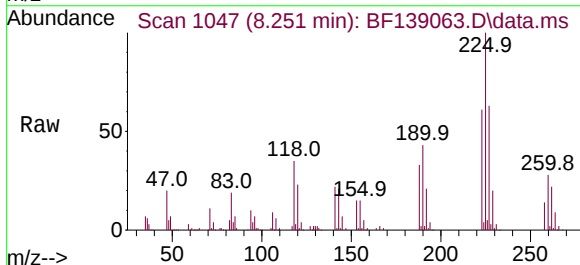
Tgt Ion:225 Resp: 98407

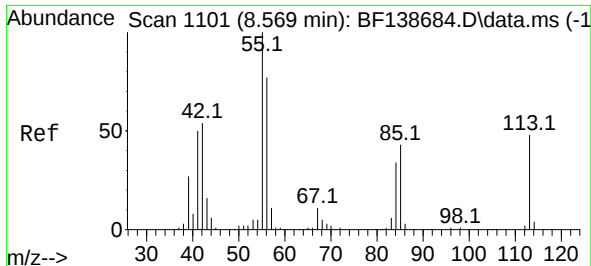
Ion Ratio Lower Upper

225 100

223 60.6 51.2 76.8

227 62.8 51.1 76.7





#35

Caprolactam

Concen: 30.588 ng

RT: 8.587 min Scan# 1104

Delta R.T. 0.018 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

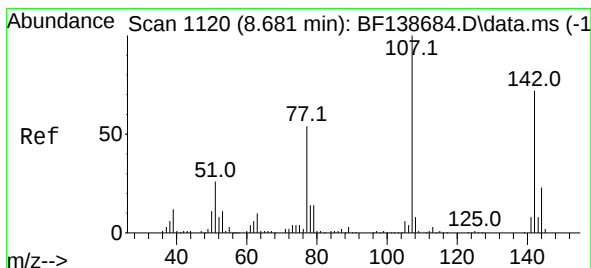
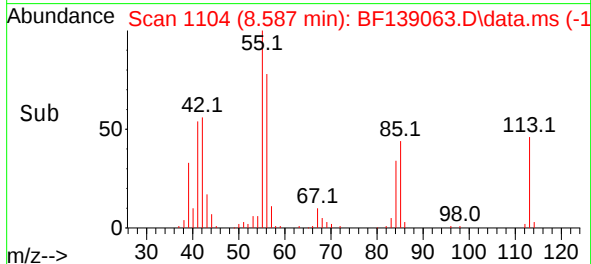
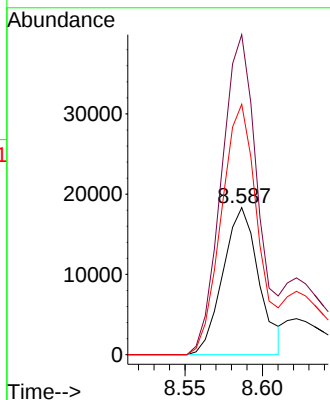
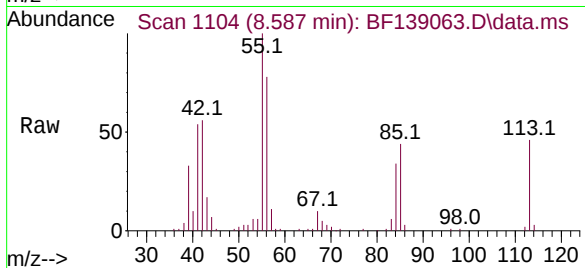
Tgt Ion:113 Resp: 29572

Ion Ratio Lower Upper

113 100

55 217.7 186.7 226.7

56 170.4 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 41.824 ng

RT: 8.687 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

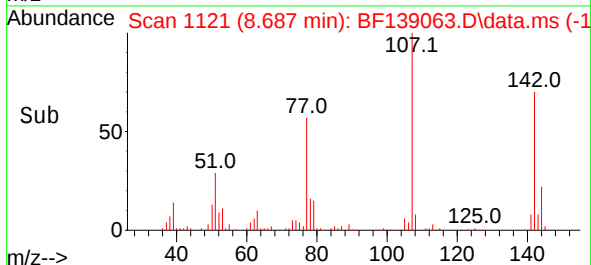
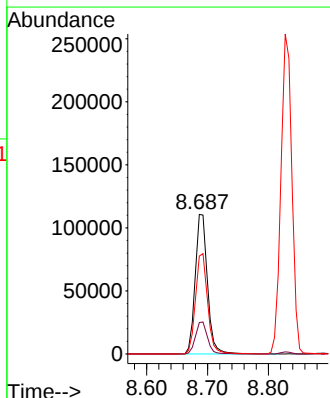
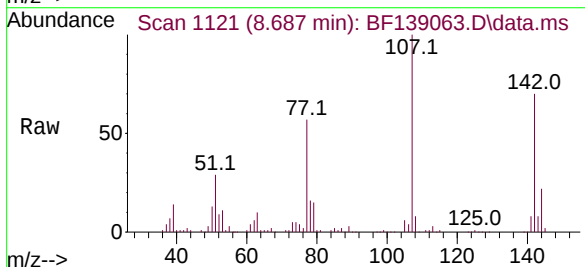
Tgt Ion:107 Resp: 154871

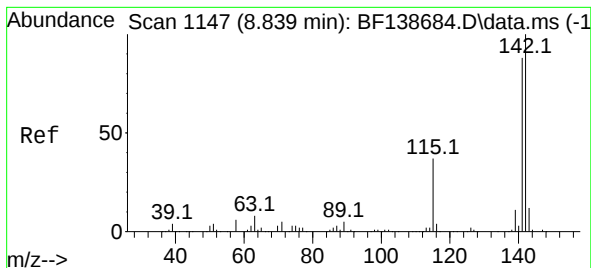
Ion Ratio Lower Upper

107 100

144 22.4 18.2 27.2

142 70.1 57.4 86.2





#37

2-Methylnaphthalene

Concen: 40.474 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

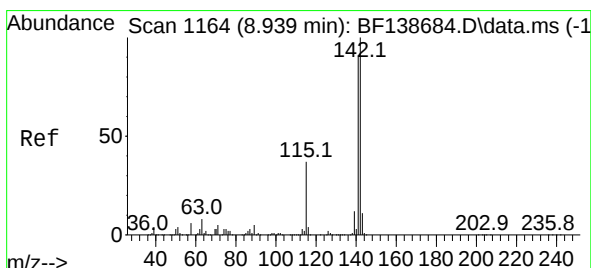
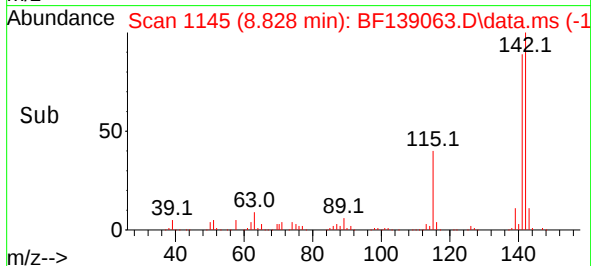
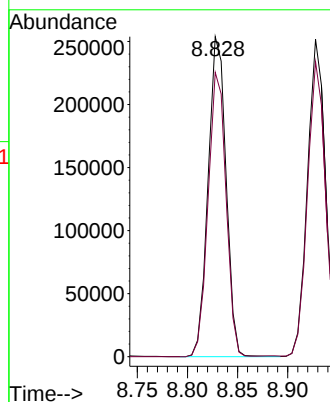
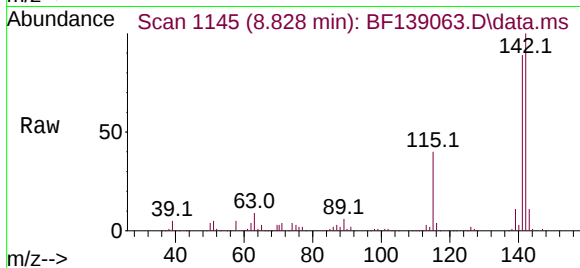
SSTDCCC040EC

Tgt Ion:142 Resp: 316662

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 40.360 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139063.D

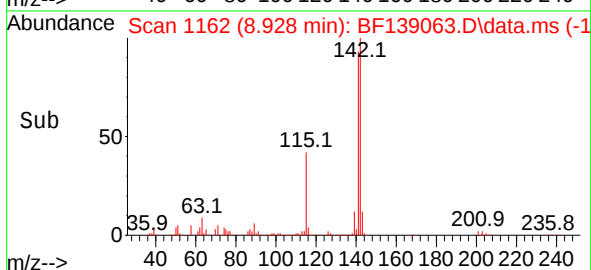
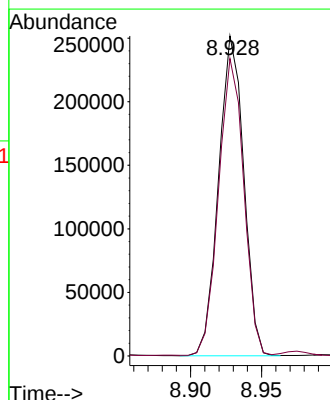
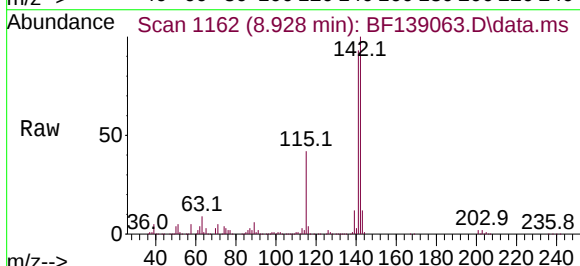
Acq: 16 Aug 2024 18:07

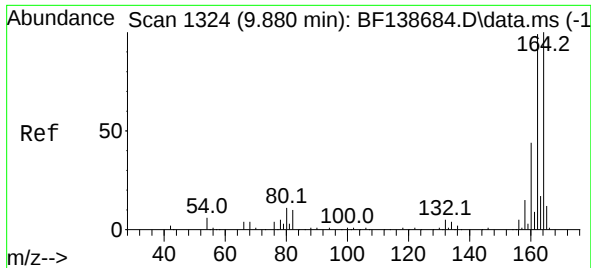
Tgt Ion:142 Resp: 309425

Ion Ratio Lower Upper

142 100

141 92.9 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1174

Delta R.T. -0.011 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

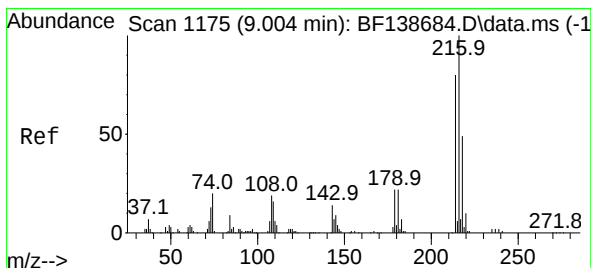
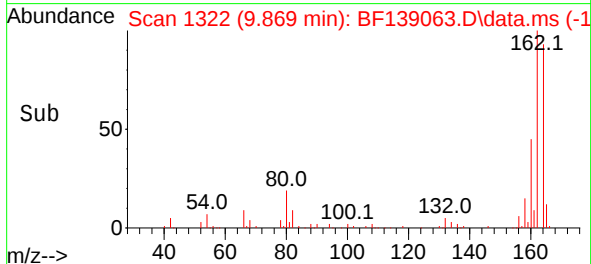
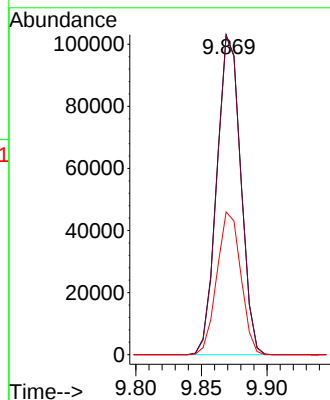
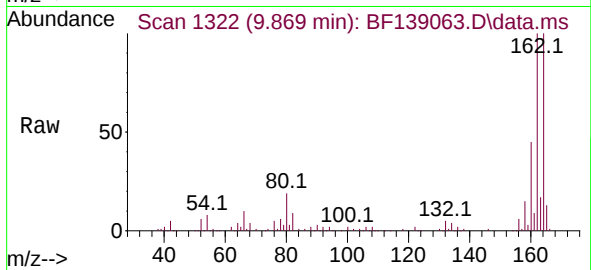
Tgt Ion:164 Resp: 130297

Ion Ratio Lower Upper

164 100

162 99.6 79.4 119.0

160 44.6 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.491 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Tgt Ion:216 Resp: 146556

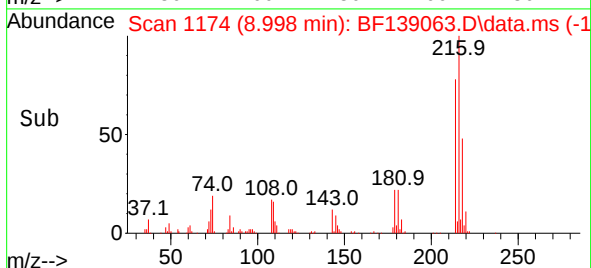
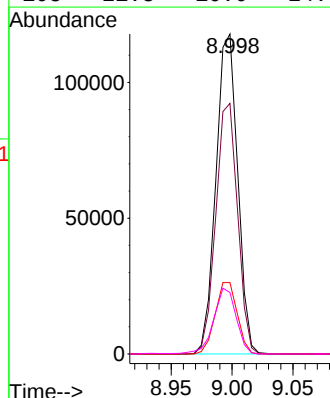
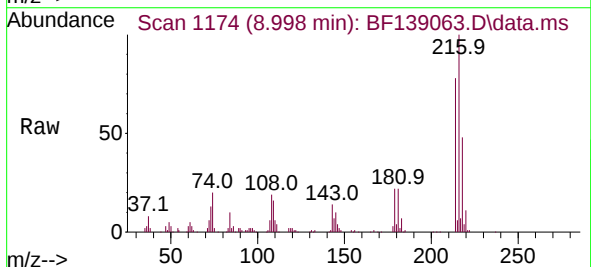
Ion Ratio Lower Upper

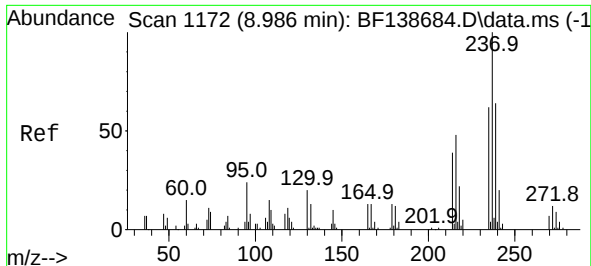
216 100

214 78.5 63.9 95.9

179 22.6 17.8 26.6

108 21.3 16.0 24.0

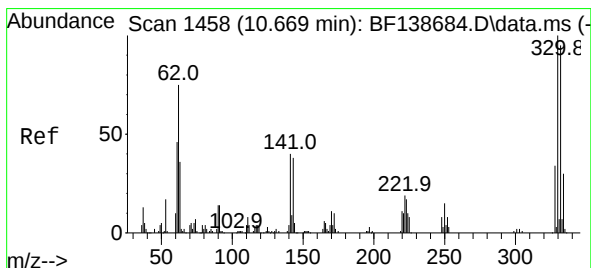
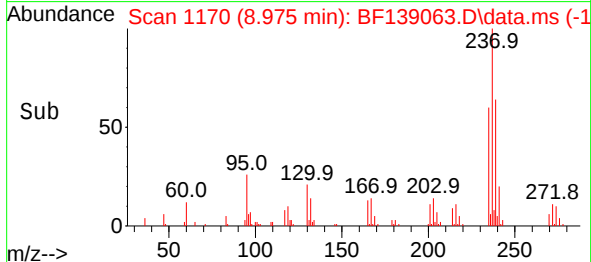
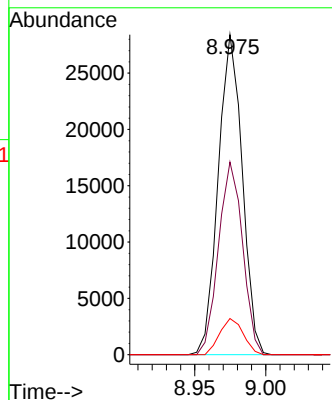
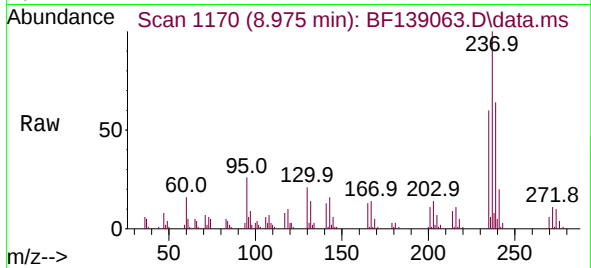




#41
Hexachlorocyclopentadiene
Concen: 38.787 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

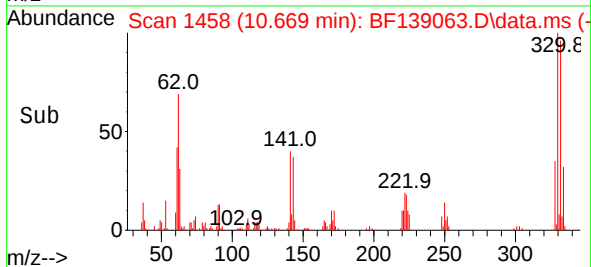
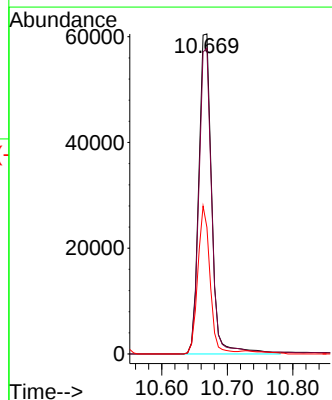
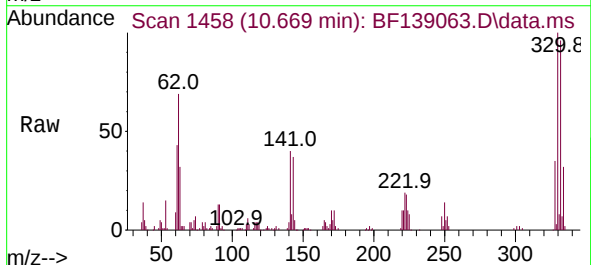
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

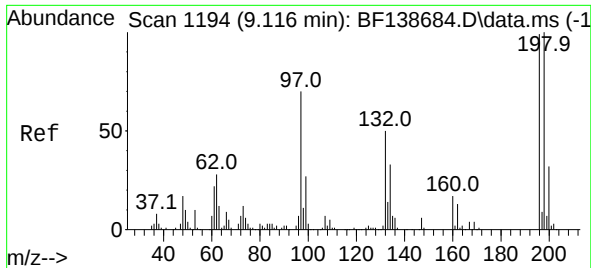
Tgt Ion:237 Resp: 33393
Ion Ratio Lower Upper
237 100
235 60.2 41.8 81.8
272 11.3 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 78.189 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion:330 Resp: 83452
Ion Ratio Lower Upper
330 100
332 94.8 76.4 114.6
141 43.3 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 38.107 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF139063.D

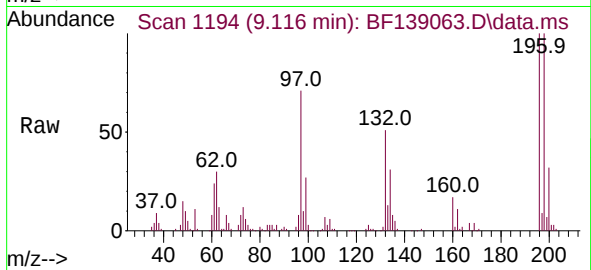
Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



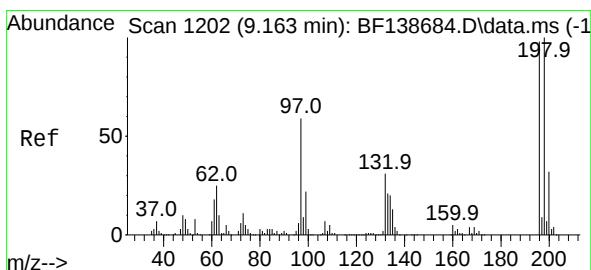
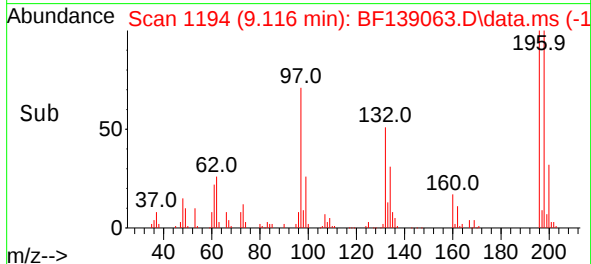
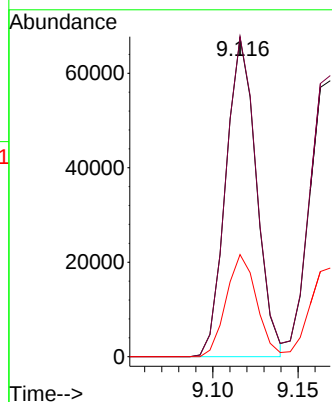
Tgt Ion:196 Resp: 84097

Ion Ratio Lower Upper

196 100

198 100.2 80.5 120.7

200 32.0 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 39.069 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Tgt Ion:196 Resp: 94256

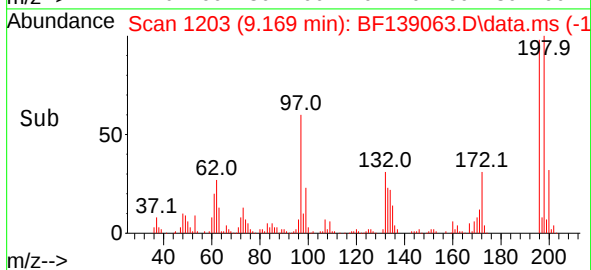
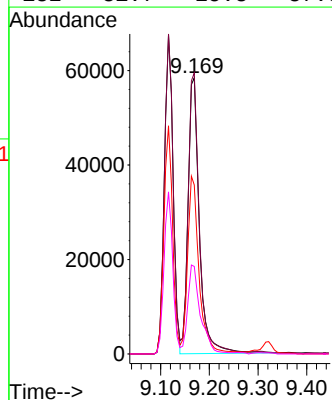
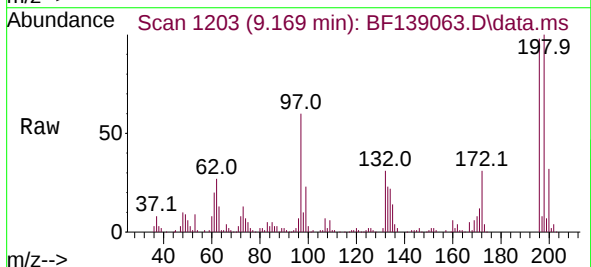
Ion Ratio Lower Upper

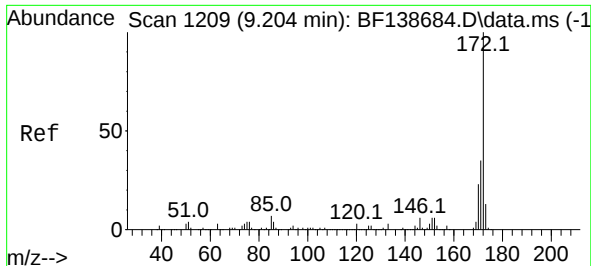
196 100

198 101.8 81.2 121.8

97 61.2 47.8 71.6

132 31.7 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 84.086 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

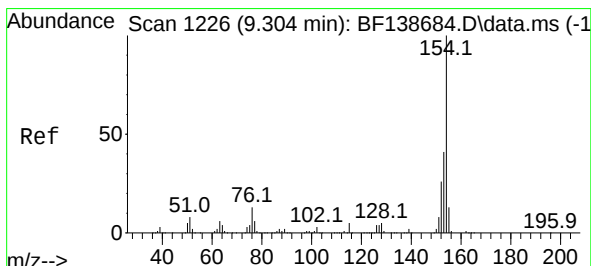
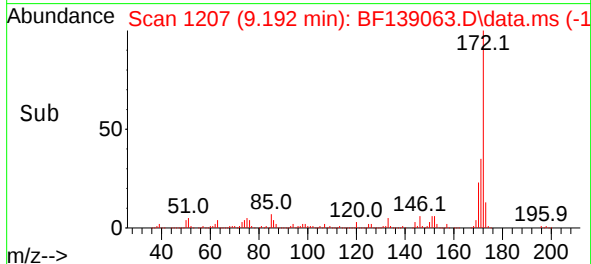
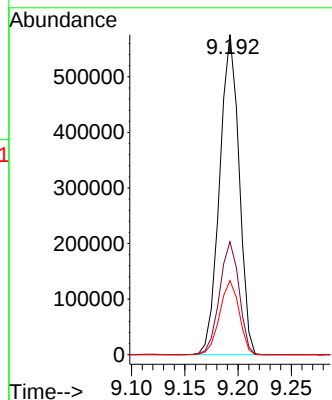
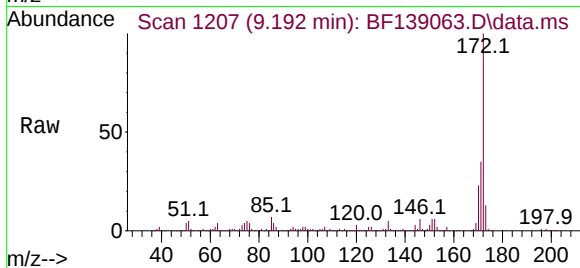
Tgt Ion:172 Resp: 729199

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.1 18.8 28.2



#46

1,1'-Biphenyl

Concen: 40.200 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

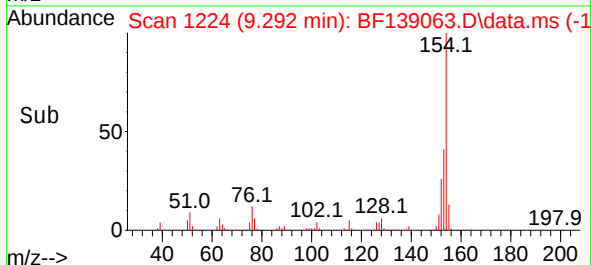
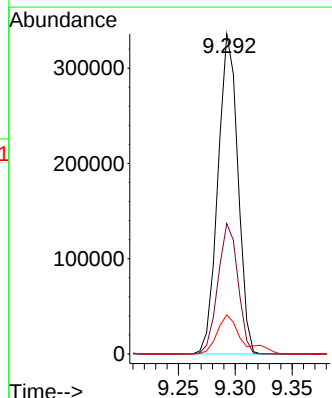
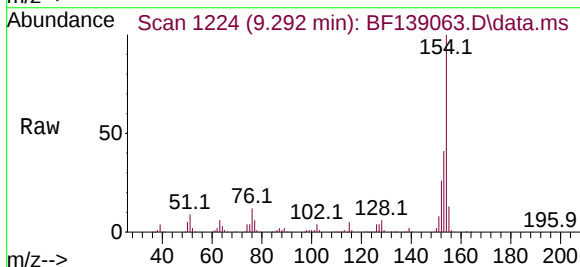
Tgt Ion:154 Resp: 410224

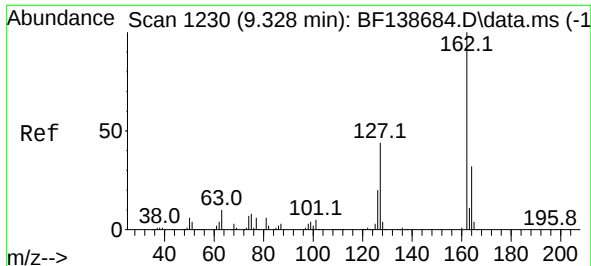
Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

76 12.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.573 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

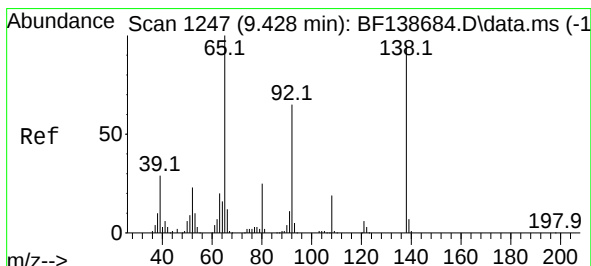
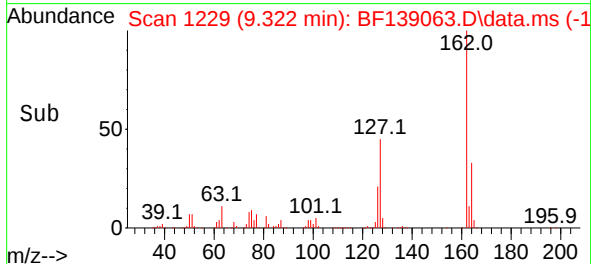
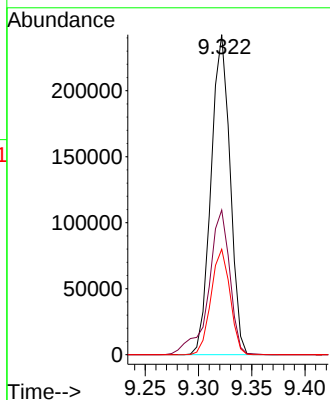
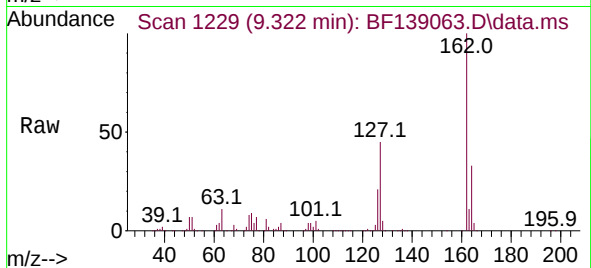
Tgt Ion:162 Resp: 300343

Ion Ratio Lower Upper

162 100

127 45.2 35.4 53.2

164 33.0 25.6 38.4



#48

2-Nitroaniline

Concen: 41.058 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

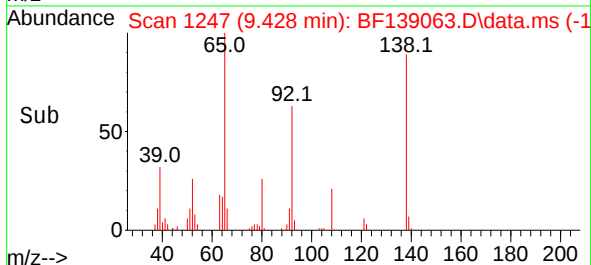
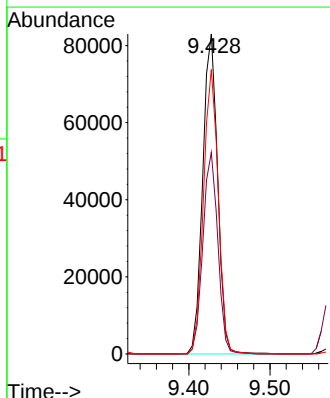
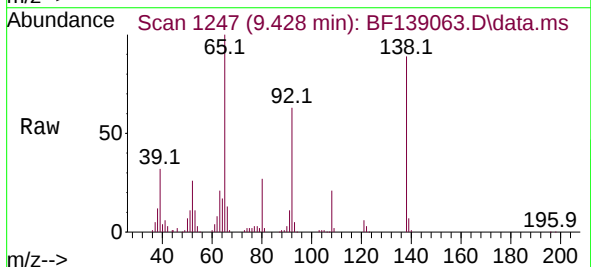
Tgt Ion: 65 Resp: 105641

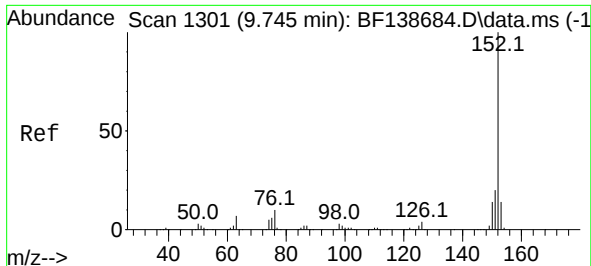
Ion Ratio Lower Upper

65 100

92 63.0 52.0 78.0

138 88.9 76.2 114.4





#49

Acenaphthylene

Concen: 39.258 ng

RT: 9.734 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF139063.D

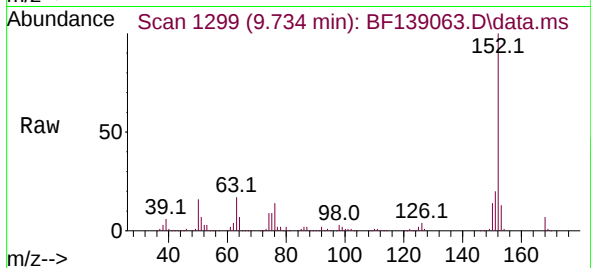
Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



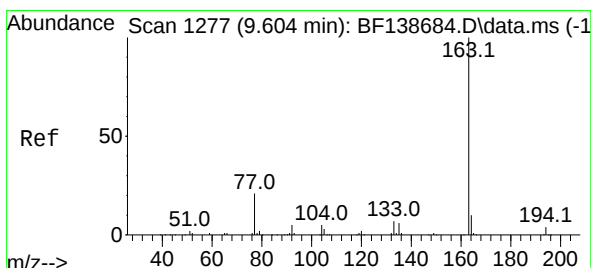
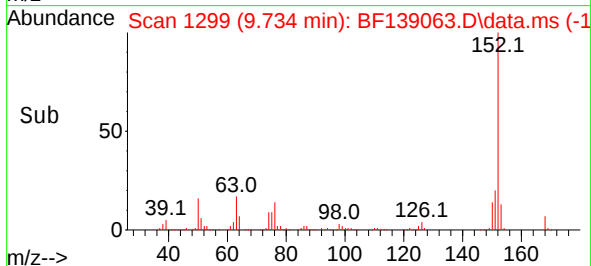
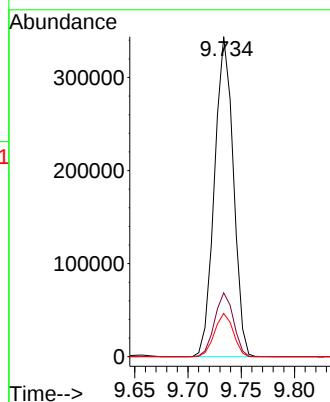
Tgt Ion:152 Resp: 422577

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.5 11.0 16.4



#50

Dimethylphthalate

Concen: 41.024 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

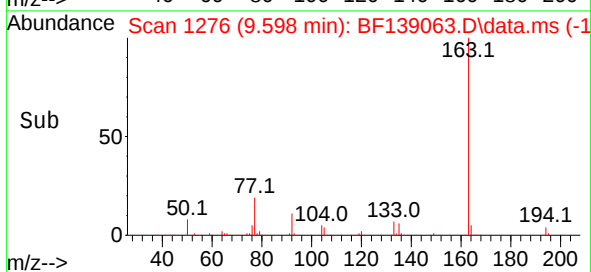
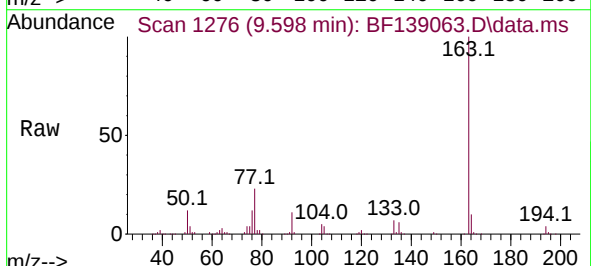
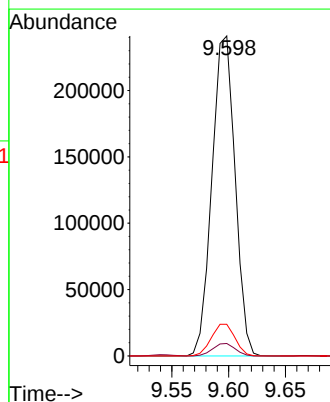
Tgt Ion:163 Resp: 341788

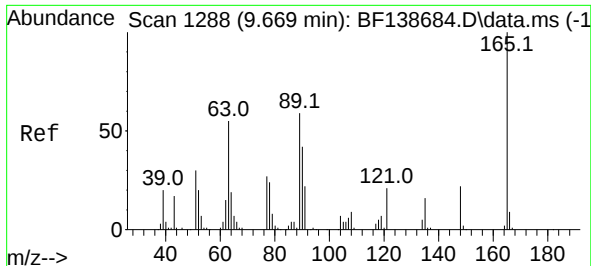
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.9 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 41.244 ng

RT: 9.669 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

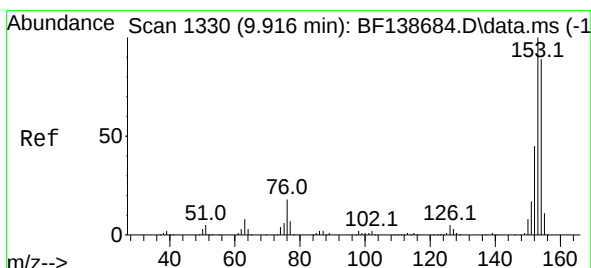
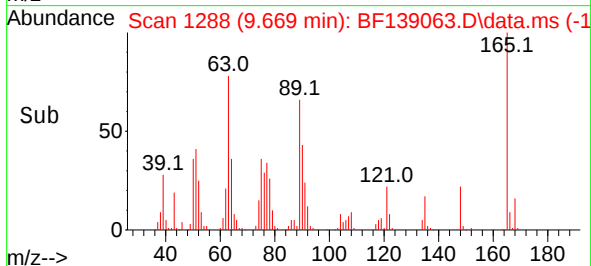
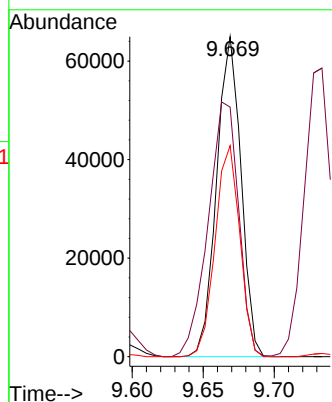
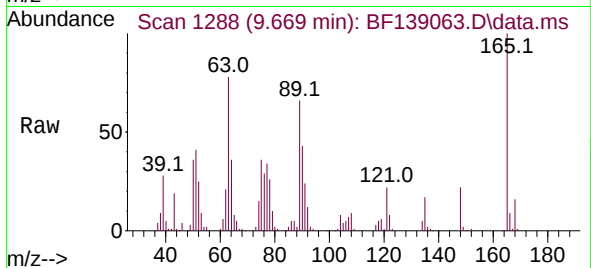
Tgt Ion:165 Resp: 77549

Ion Ratio Lower Upper

165 100

63 78.0 52.0 78.0

89 66.0 47.0 70.6



#52

Acenaphthene

Concen: 39.049 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

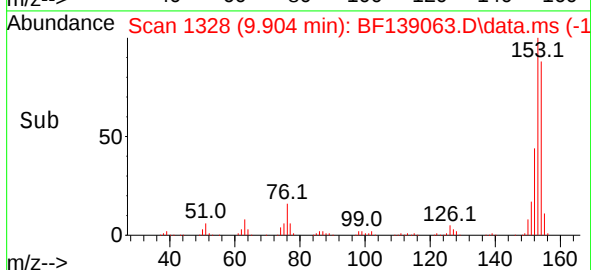
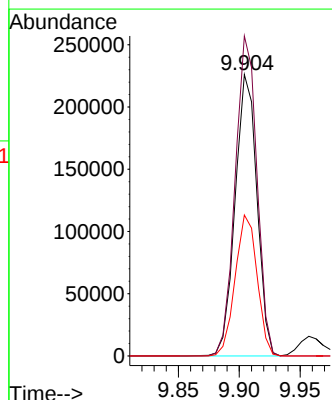
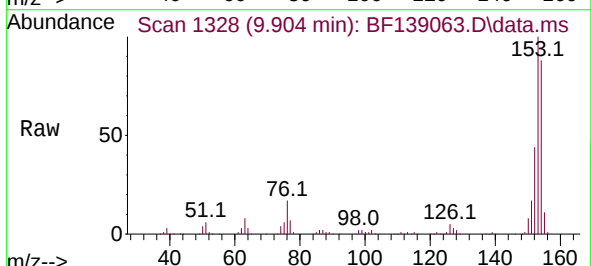
Tgt Ion:154 Resp: 282551

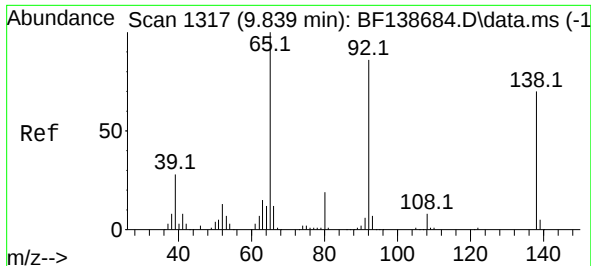
Ion Ratio Lower Upper

154 100

153 113.7 89.9 134.9

152 50.1 40.6 60.8





#53

3-Nitroaniline

Concen: 38.261 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

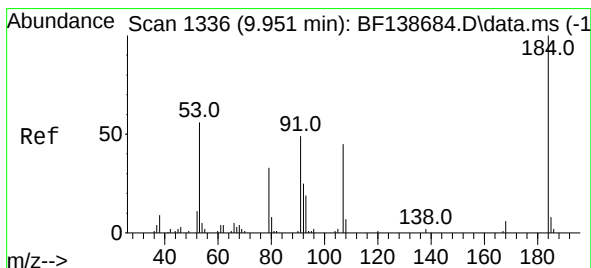
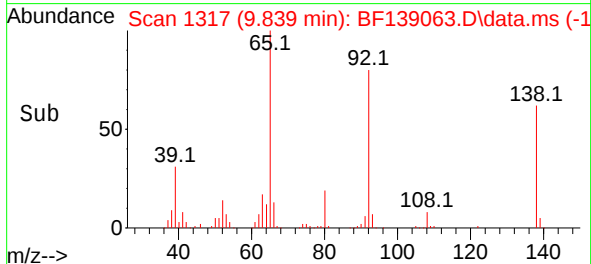
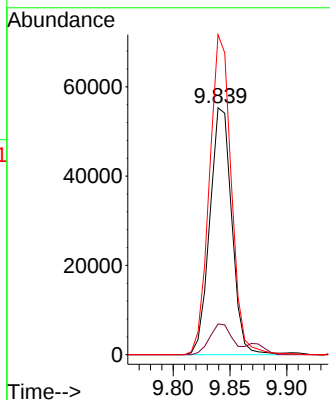
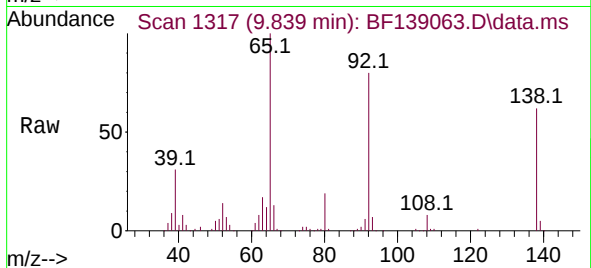
Tgt Ion:138 Resp: 74369

Ion Ratio Lower Upper

138 100

108 12.5 9.1 13.7

92 129.6 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 38.375 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

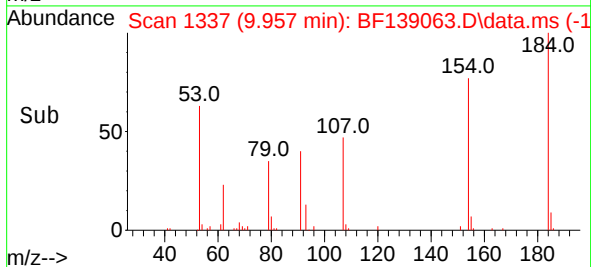
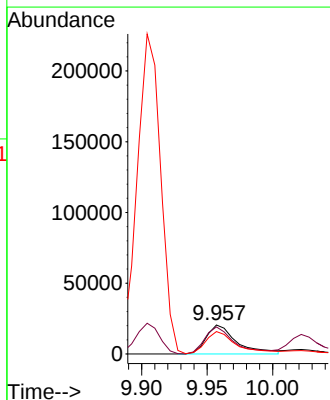
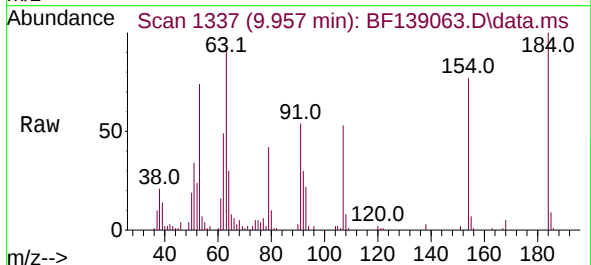
Tgt Ion:184 Resp: 33215

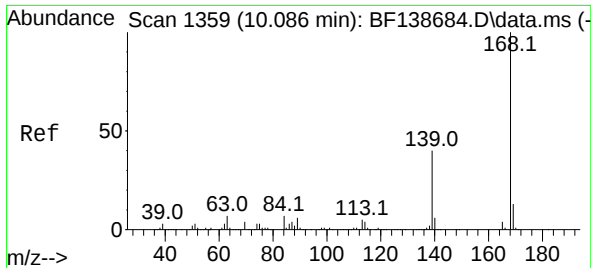
Ion Ratio Lower Upper

184 100

63 93.2 57.5 86.3#

154 77.3 51.7 77.5

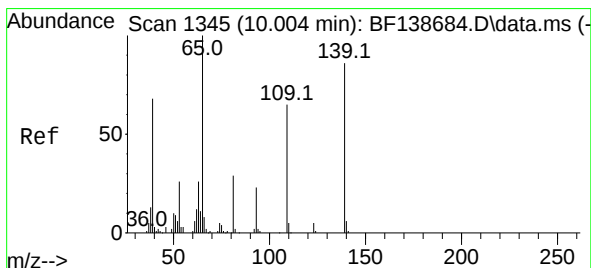
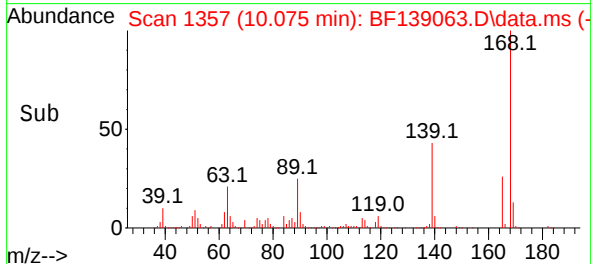
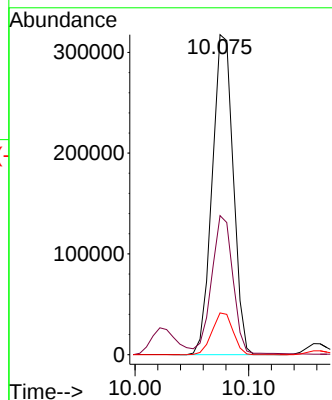
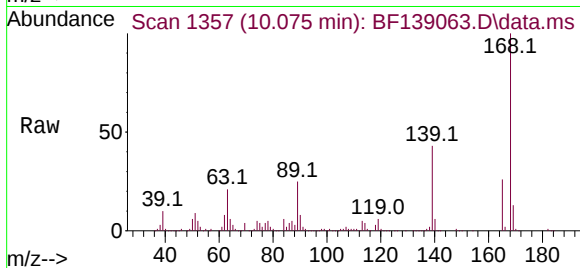




#55
Dibenzenofuran
Concen: 39.932 ng
RT: 10.075 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

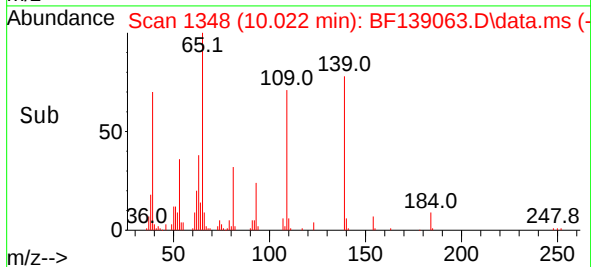
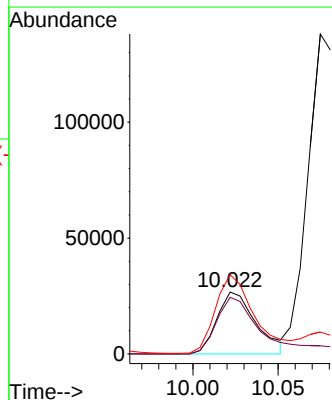
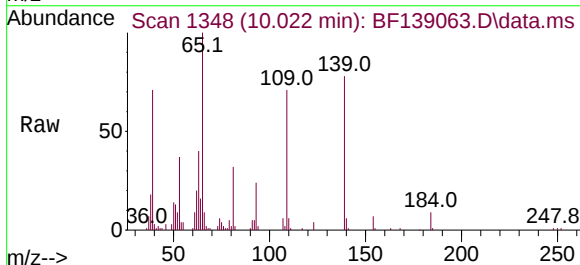
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

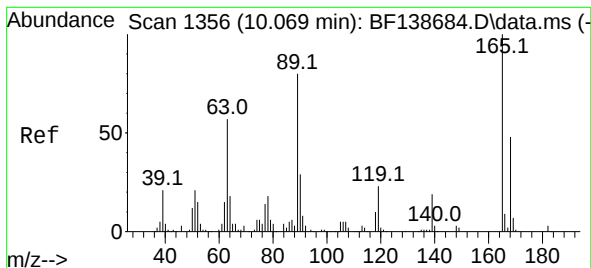
Tgt Ion:168 Resp: 407876
Ion Ratio Lower Upper
168 100
139 43.5 32.6 49.0
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 36.279 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion:139 Resp: 42405
Ion Ratio Lower Upper
139 100
109 91.5 55.5 95.5
65 128.2 96.7 136.7

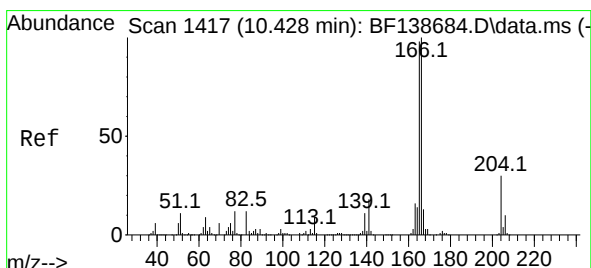
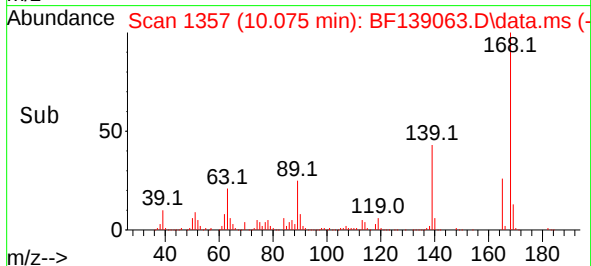
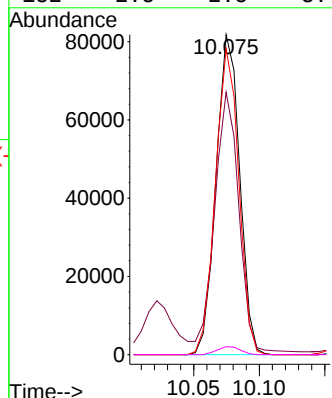
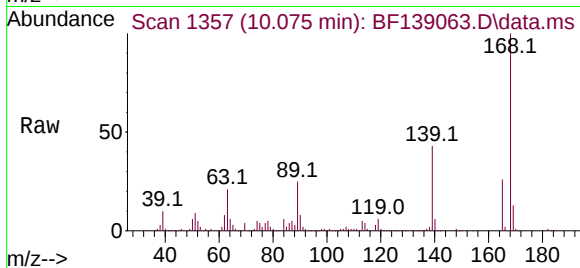




#57
2,4-Dinitrotoluene
Concen: 42.601 ng
RT: 10.075 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

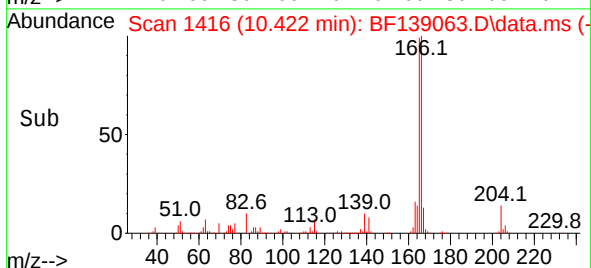
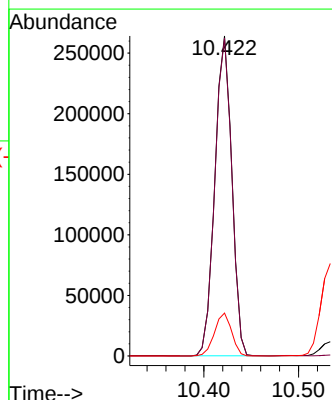
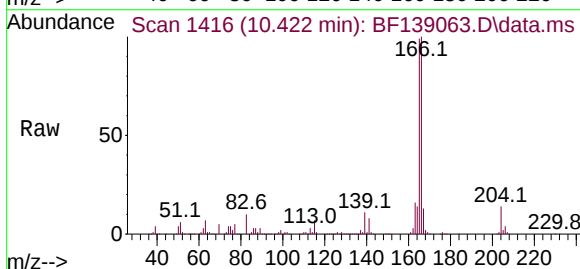
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

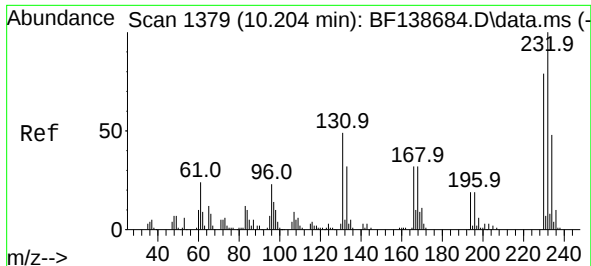
Tgt Ion:165 Resp: 102194
Ion Ratio Lower Upper
165 100
63 82.0 46.3 69.5#
89 95.6 64.2 96.4
182 2.5 2.5 3.7



#58
Fluorene
Concen: 40.471 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion:166 Resp: 329189
Ion Ratio Lower Upper
166 100
165 99.3 78.4 117.6
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.475 ng

RT: 10.204 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:232 Resp: 69120

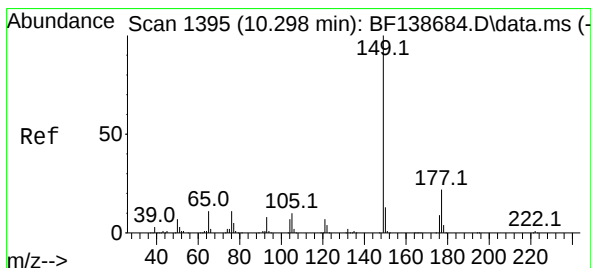
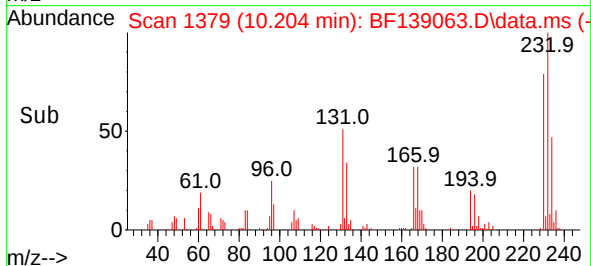
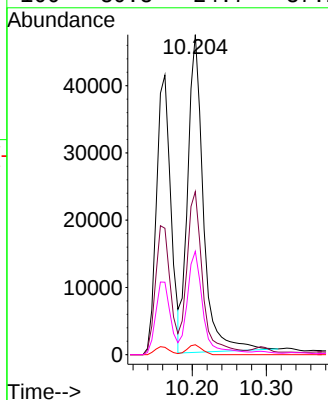
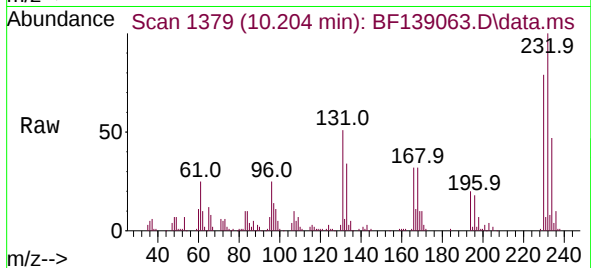
Ion Ratio Lower Upper

232 100

131 51.1 37.0 55.4

130 2.9 2.0 3.0

166 30.3 24.7 37.1



#60

Diethylphthalate

Concen: 42.892 ng

RT: 10.292 min Scan# 1394

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

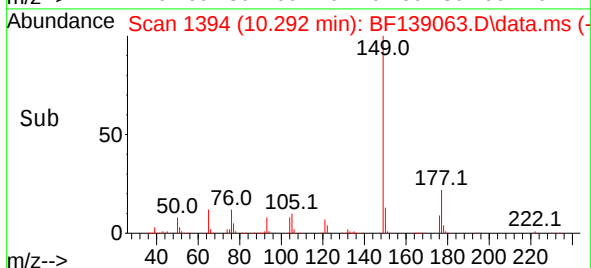
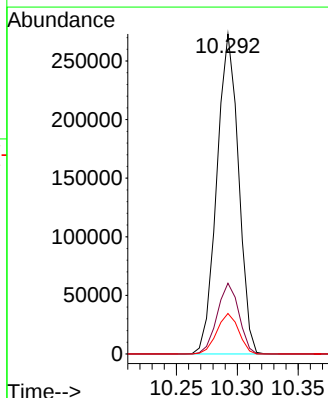
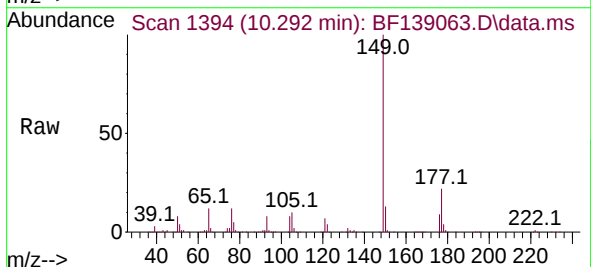
Tgt Ion:149 Resp: 338832

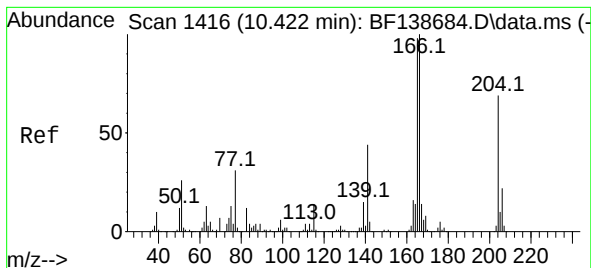
Ion Ratio Lower Upper

149 100

177 22.1 17.8 26.8

150 12.6 10.1 15.1

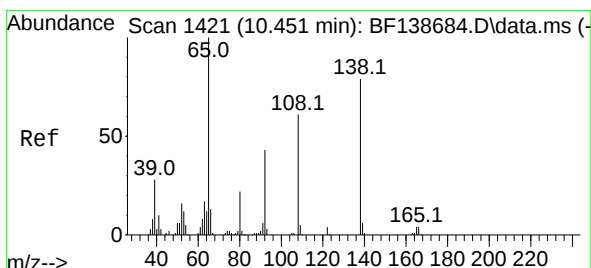
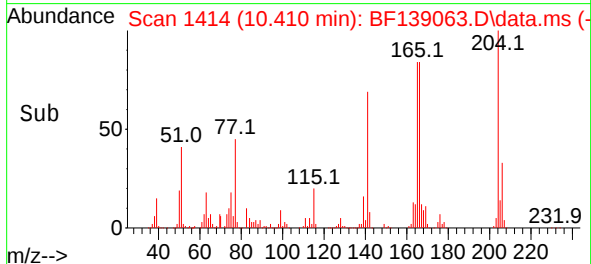
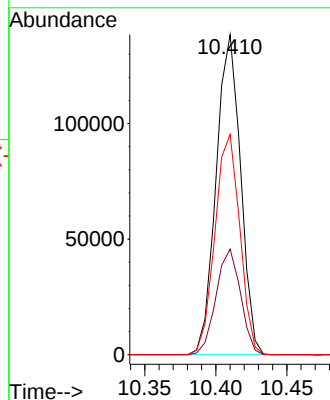
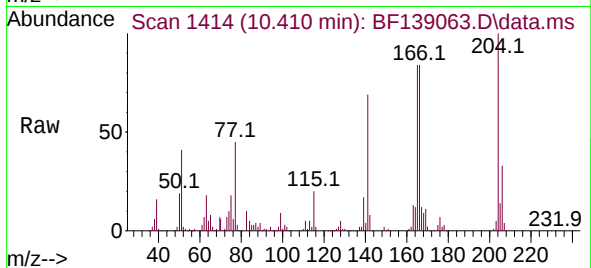




#61
4-Chlorophenyl-phenylether
Concen: 41.392 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

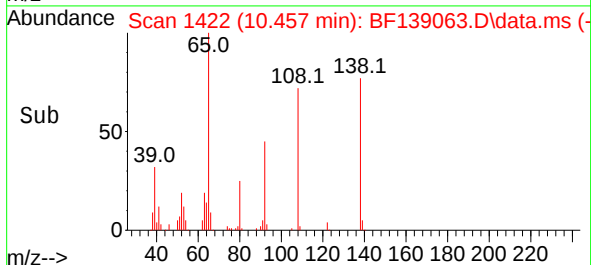
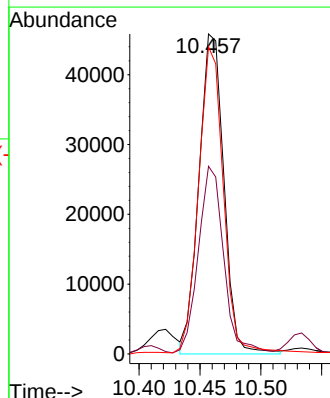
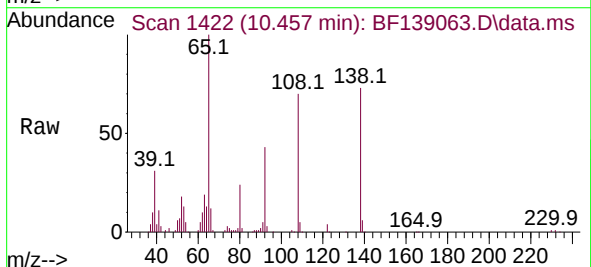
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

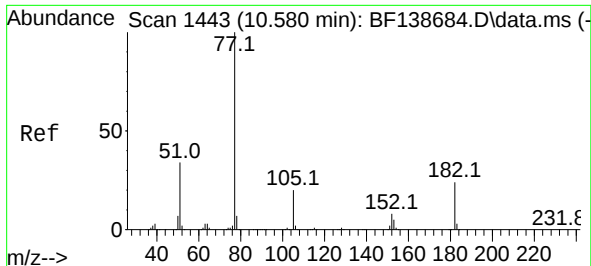
Tgt Ion:204 Resp: 165585
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 68.8 51.4 77.0



#62
4-Nitroaniline
Concen: 35.306 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion:138 Resp: 65215
Ion Ratio Lower Upper
138 100
92 58.6 34.2 74.2
108 96.0 56.2 96.2

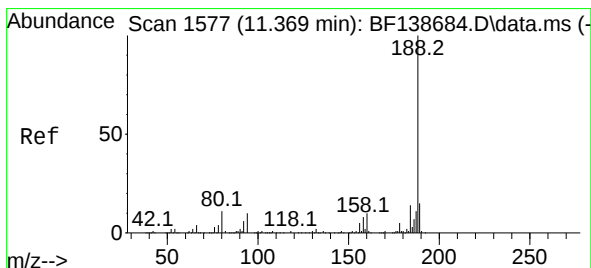
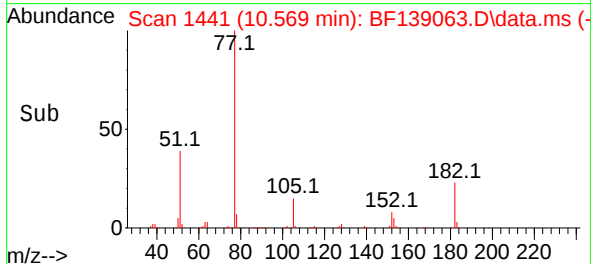
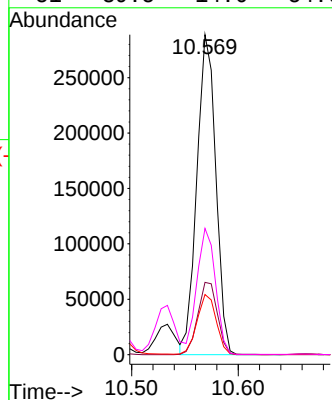
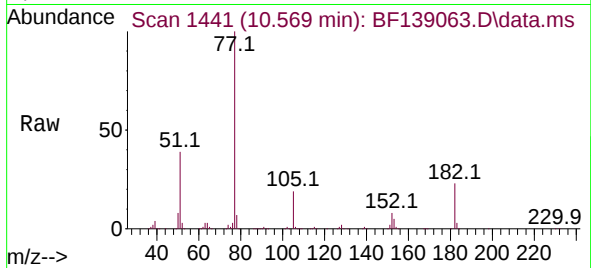




#63
Azobenzene
Concen: 40.877 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

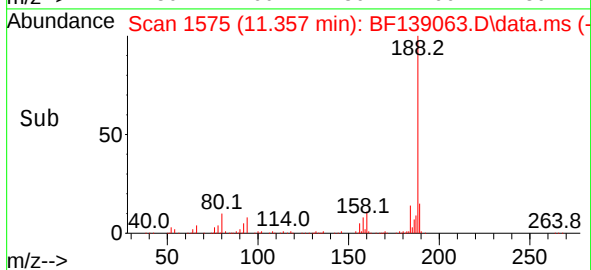
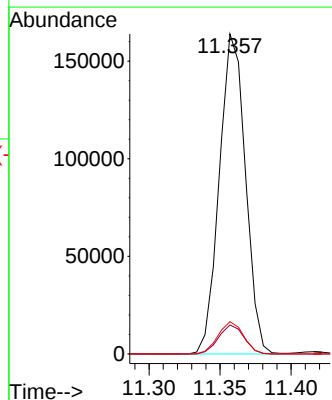
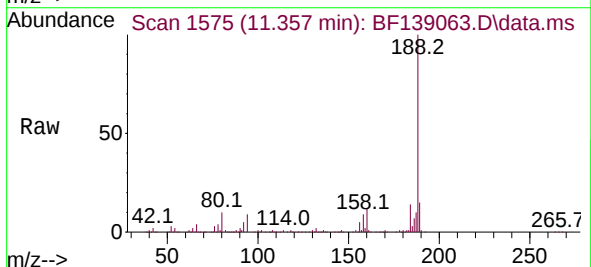
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

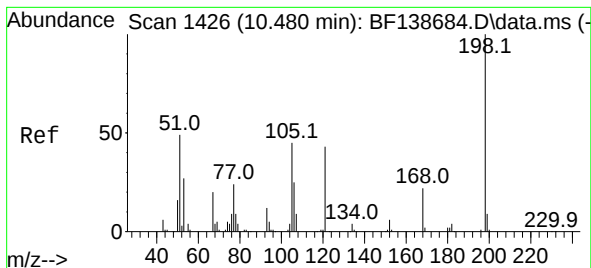
Tgt Ion: 77 Resp: 358137
Ion Ratio Lower Upper
77 100
182 22.6 3.4 43.4
105 18.8 0.2 40.2
51 39.5 14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion: 188 Resp: 209318
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 10.1 8.6 12.8

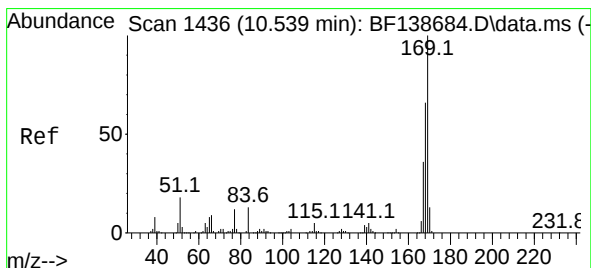
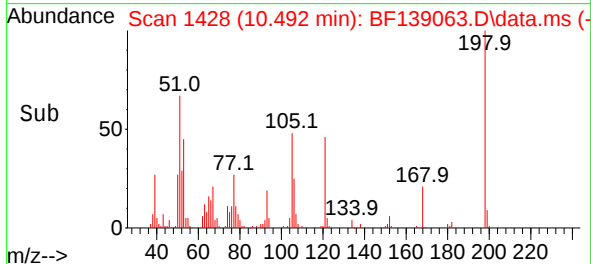
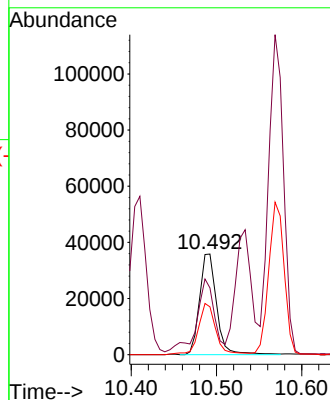
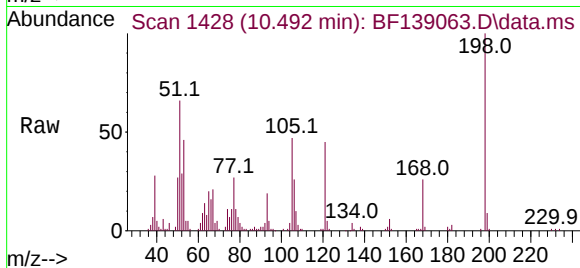




#65
4,6-Dinitro-2-methylphenol
Concen: 39.178 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

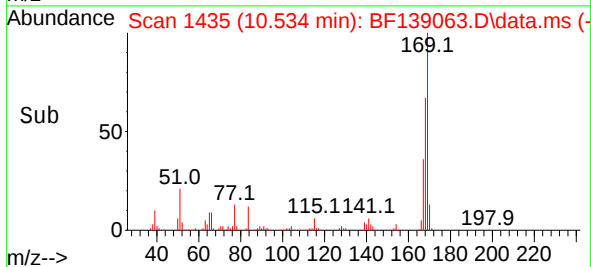
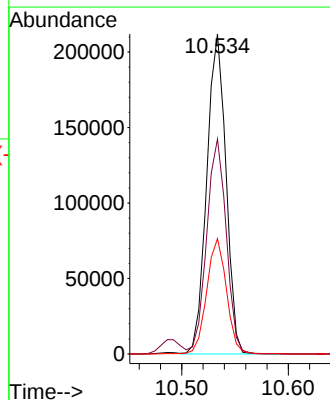
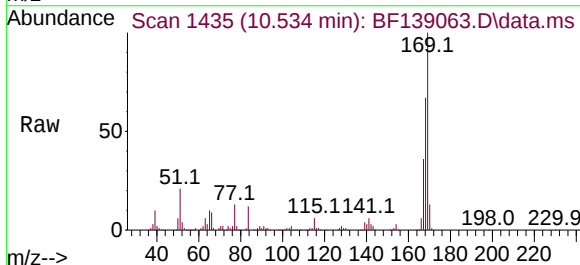
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

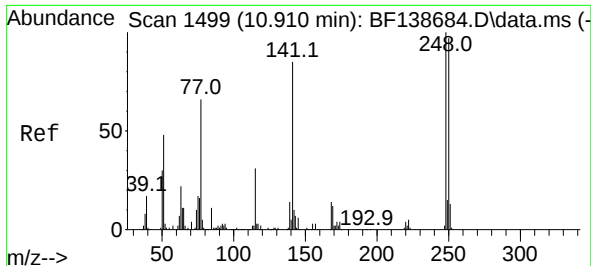
Tgt Ion:198 Resp: 50031
Ion Ratio Lower Upper
198 100
51 66.3 39.9 79.9
105 47.5 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 40.571 ng
RT: 10.534 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion:169 Resp: 265449
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.0 29.0 43.6

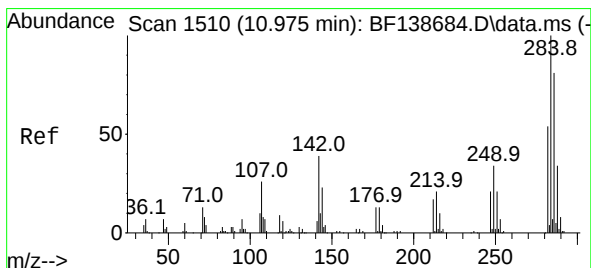
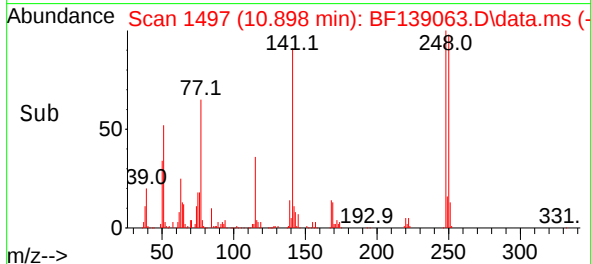
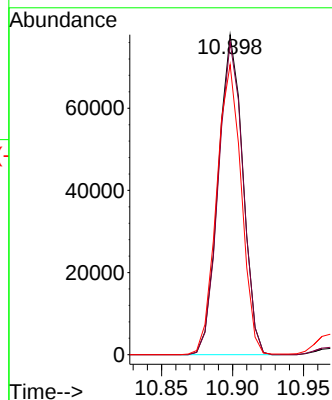
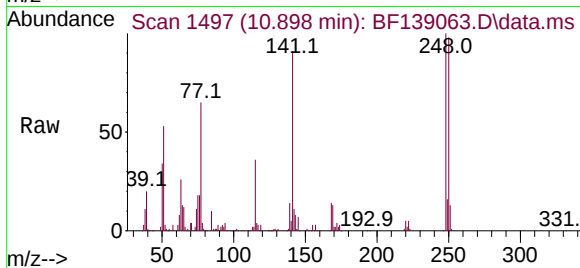




#67
4-Bromophenyl-phenylether
Concen: 41.227 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

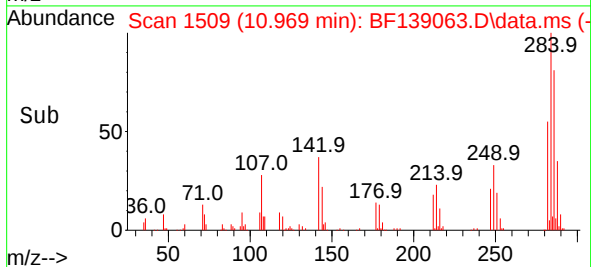
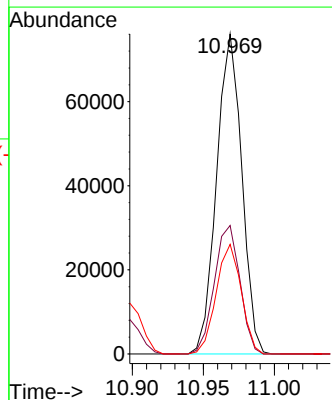
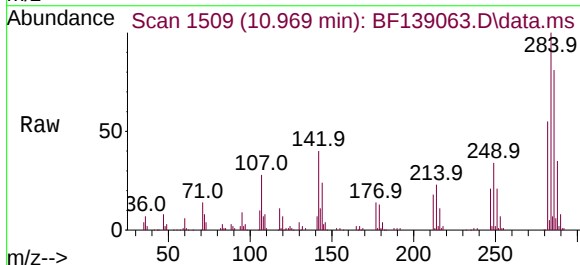
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

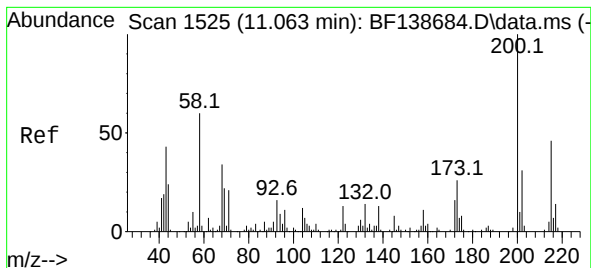
Tgt Ion:248 Resp: 93430
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 90.6 68.0 102.0



#68
Hexachlorobenzene
Concen: 40.060 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion:284 Resp: 93738
Ion Ratio Lower Upper
284 100
142 40.2 31.3 46.9
249 34.2 27.2 40.8





#69

Atrazine

Concen: 34.246 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

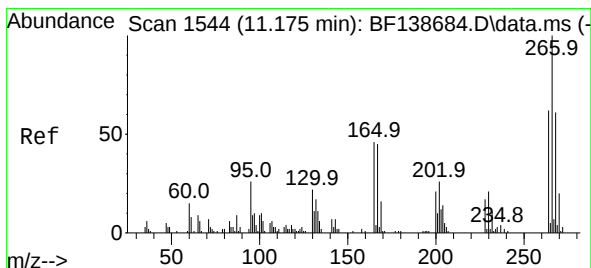
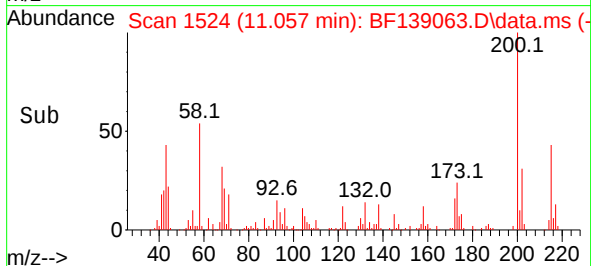
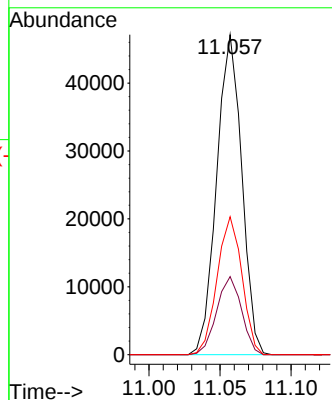
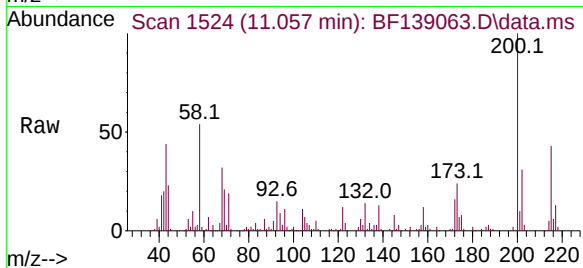
Tgt Ion:200 Resp: 57810

Ion Ratio Lower Upper

200 100

173 24.4 6.0 46.0

215 43.1 26.1 66.1



#70

Pentachlorophenol

Concen: 31.587 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

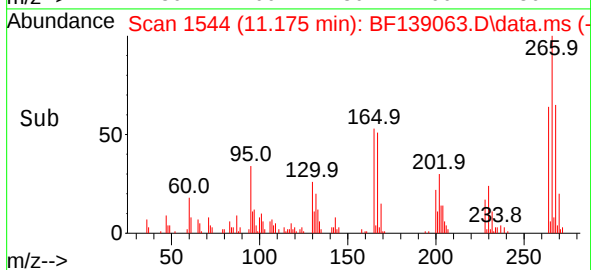
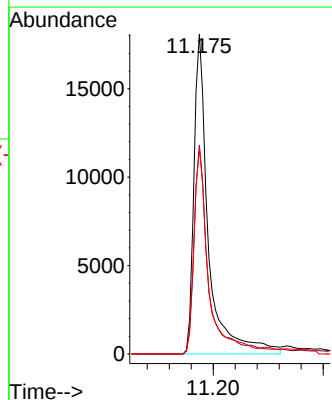
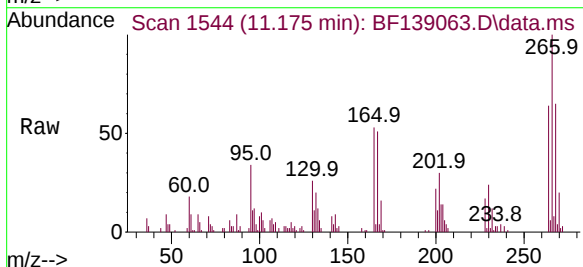
Tgt Ion:266 Resp: 33315

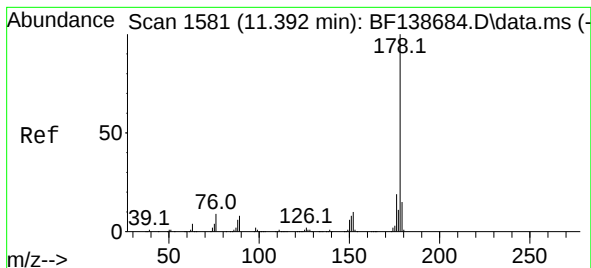
Ion Ratio Lower Upper

266 100

268 65.3 49.2 73.8

264 64.3 49.8 74.6





#71

Phenanthrene

Concen: 40.186 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

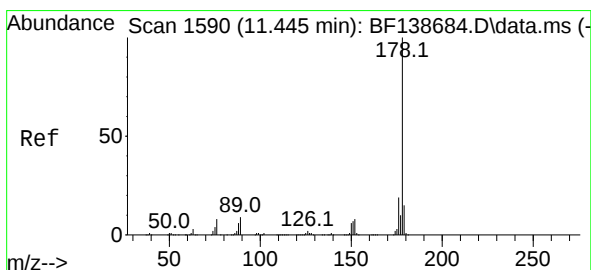
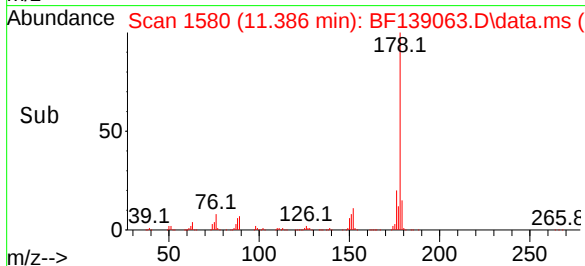
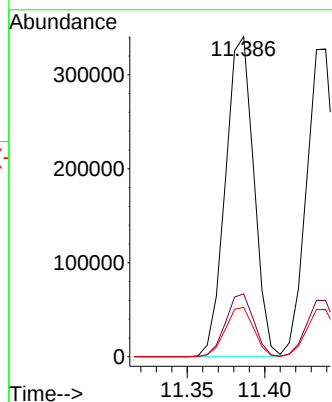
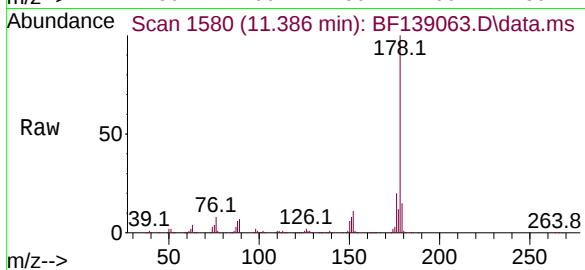
Tgt Ion:178 Resp: 433129

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.4 12.2 18.2



#72

Anthracene

Concen: 40.376 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

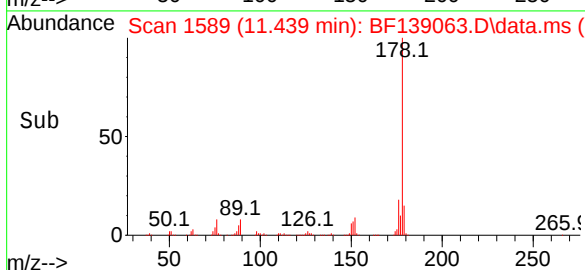
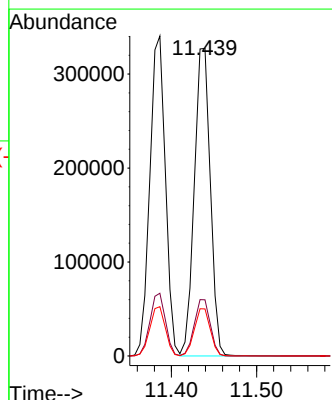
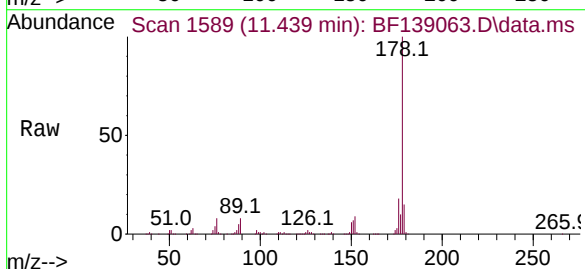
Tgt Ion:178 Resp: 428715

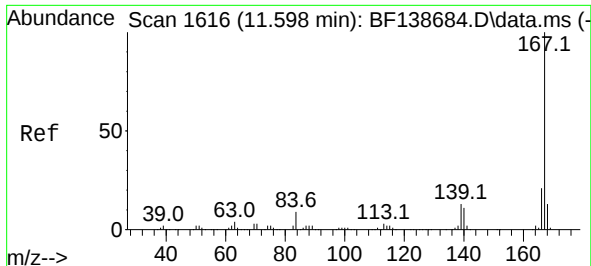
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

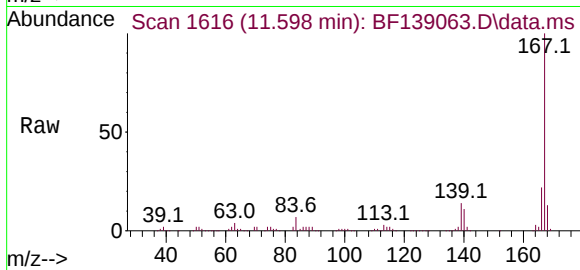
179 15.3 12.4 18.6



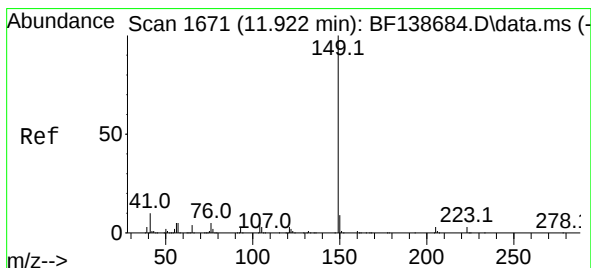
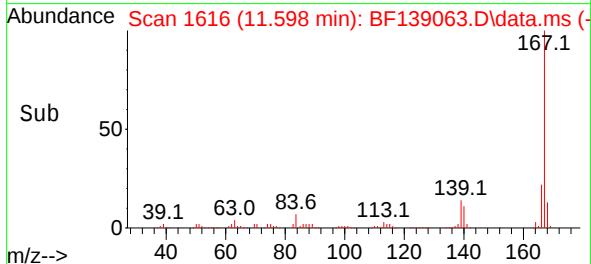
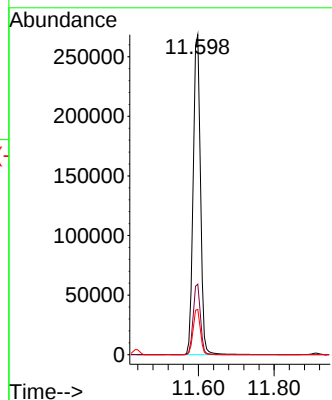


#73
 Carbazole
 Concen: 39.004 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF139063.D
 Acq: 16 Aug 2024 18:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

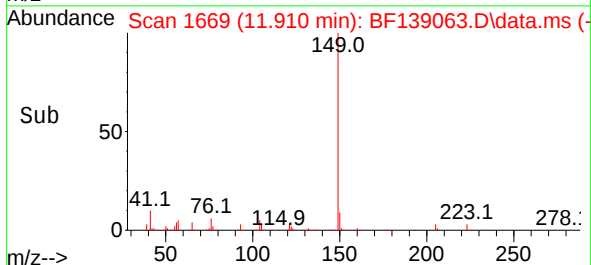
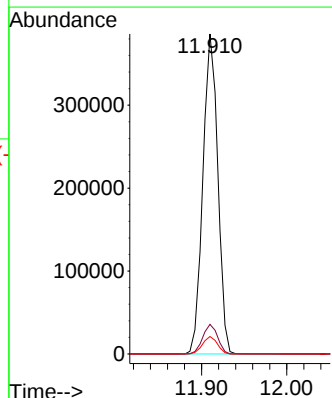
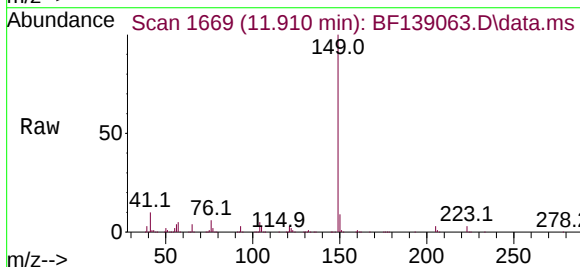


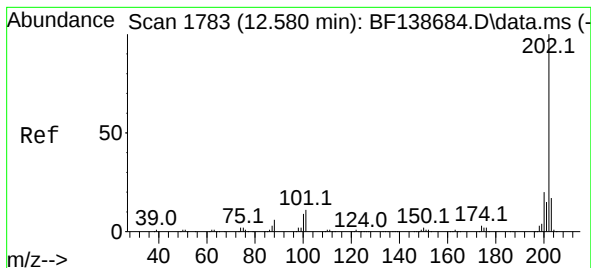
Tgt Ion:167 Resp: 357306
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 14.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 45.534 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139063.D
 Acq: 16 Aug 2024 18:07

Tgt Ion:149 Resp: 468917
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.4 4.1 6.1





#75

Fluoranthene

Concen: 38.442 ng

RT: 12.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

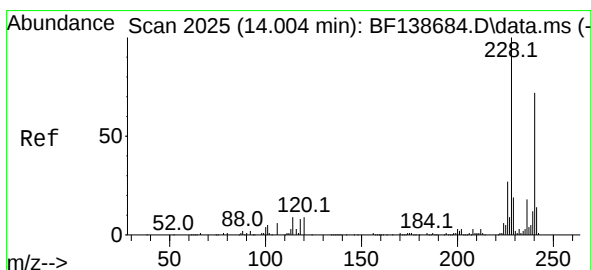
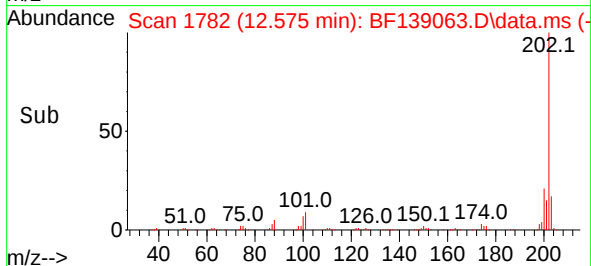
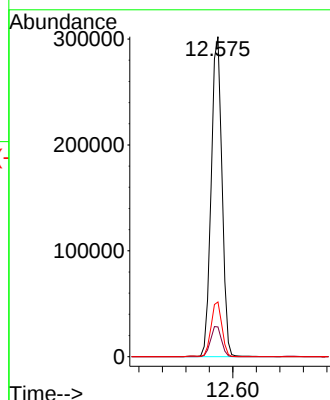
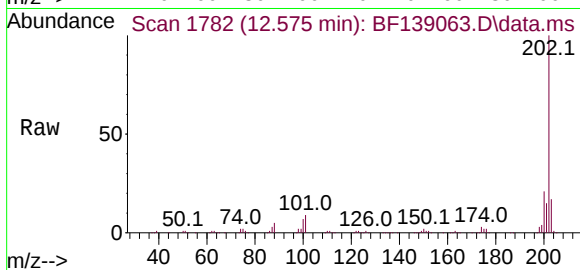
Tgt Ion:202 Resp: 386809

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.2

203 17.1 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

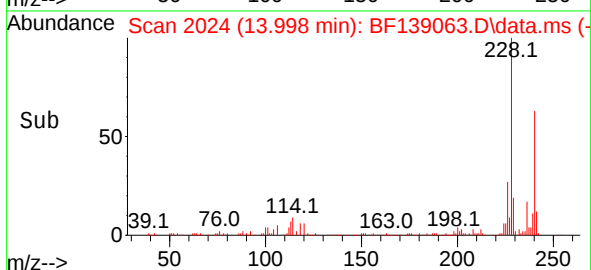
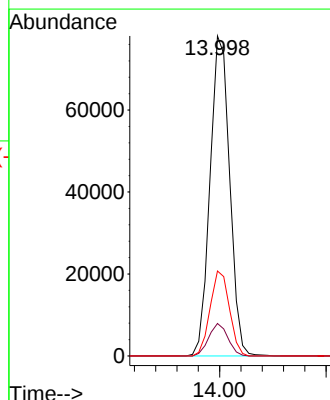
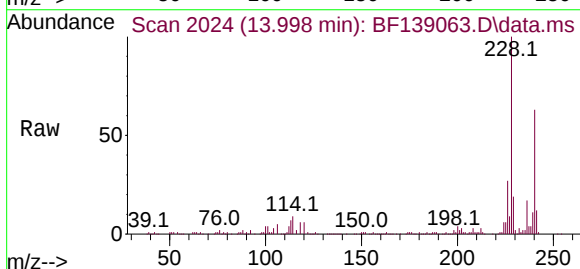
Tgt Ion:240 Resp: 99781

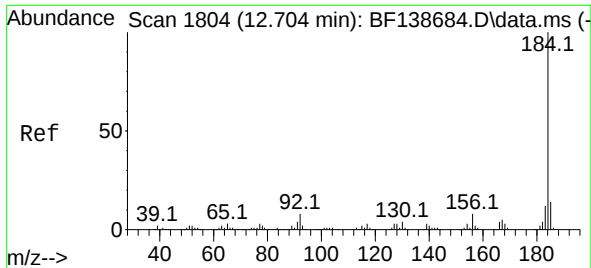
Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.4#

236 26.6 19.8 29.8

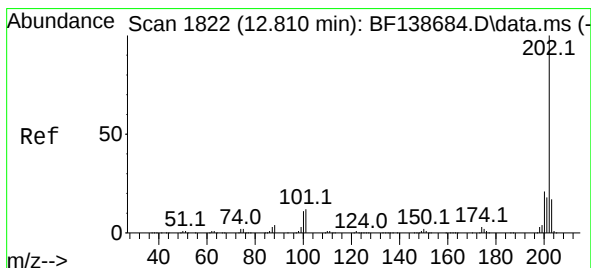
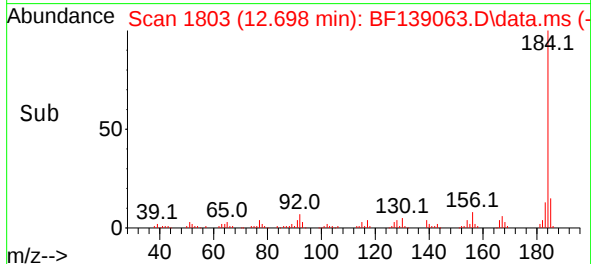
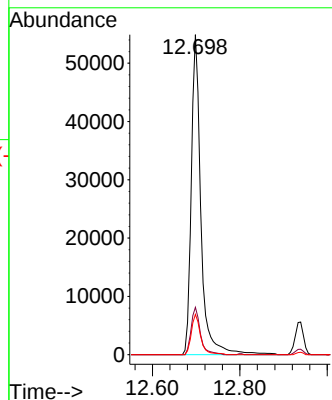
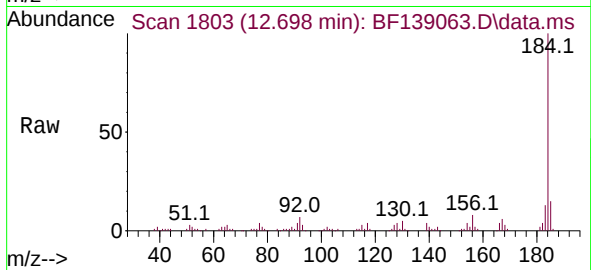




#77
Benzidine
Concen: 35.288 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

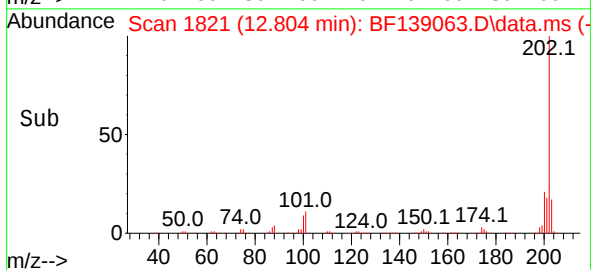
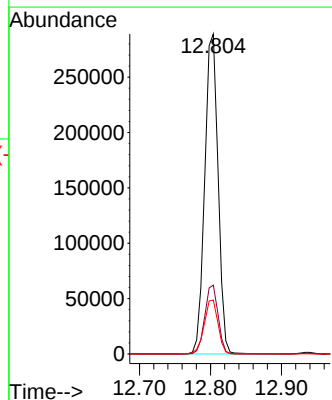
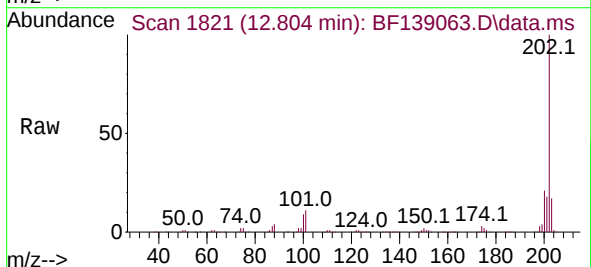
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

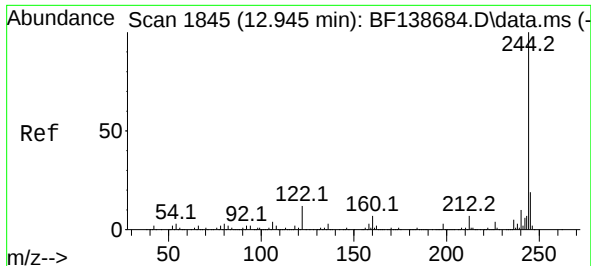
Tgt Ion:184 Resp: 84217
Ion Ratio Lower Upper
184 100
185 14.8 11.1 16.7
183 12.6 9.6 14.4



#78
Pyrene
Concen: 40.272 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion:202 Resp: 378341
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 16.9 13.8 20.6

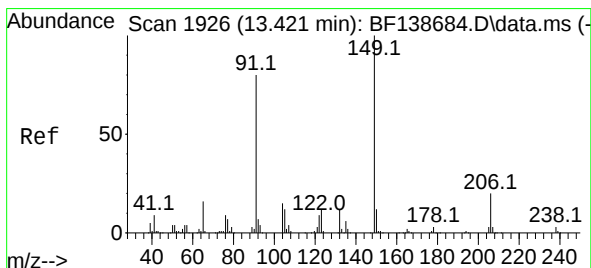
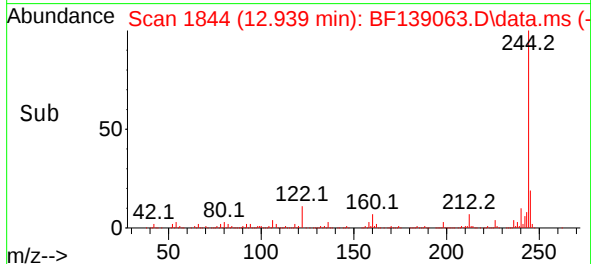
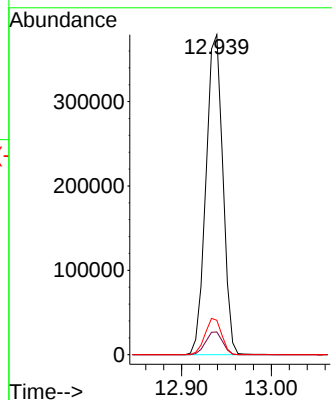
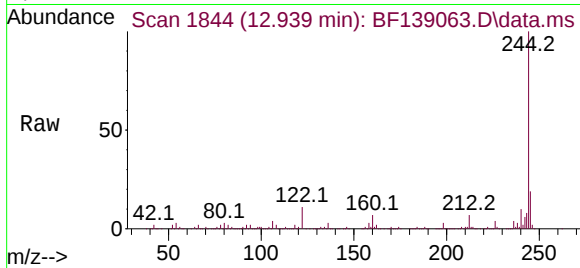




#79
 Terphenyl-d14
 Concen: 83.129 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF139063.D
 Acq: 16 Aug 2024 18:07

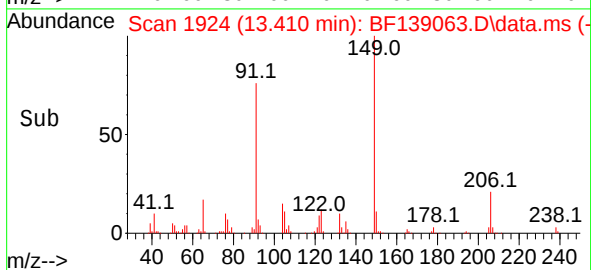
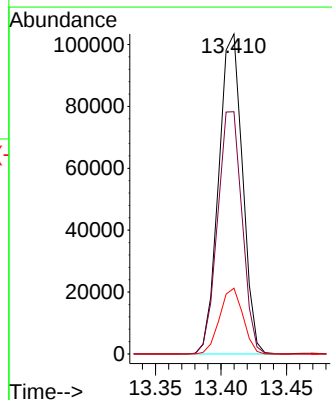
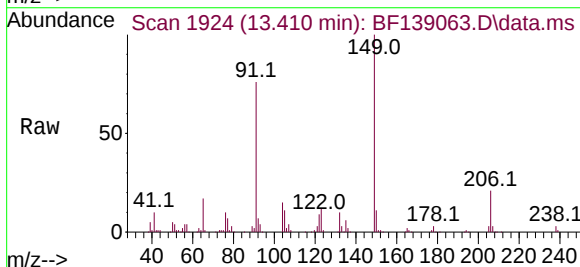
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

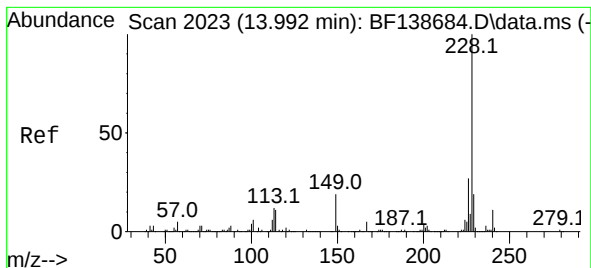
Tgt Ion:244 Resp: 495423
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.8 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 43.466 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF139063.D
 Acq: 16 Aug 2024 18:07

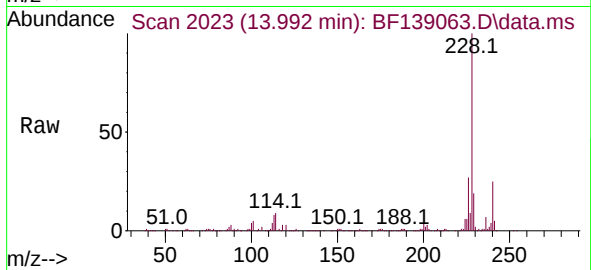
Tgt Ion:149 Resp: 130764
 Ion Ratio Lower Upper
 149 100
 91 75.7 63.7 95.5
 206 20.6 16.2 24.2



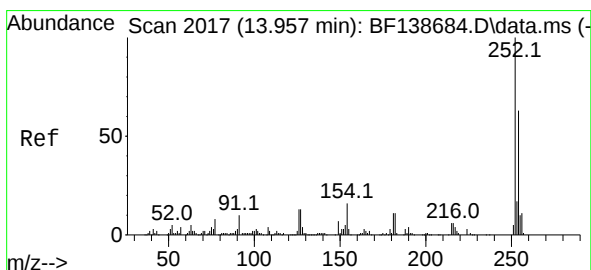
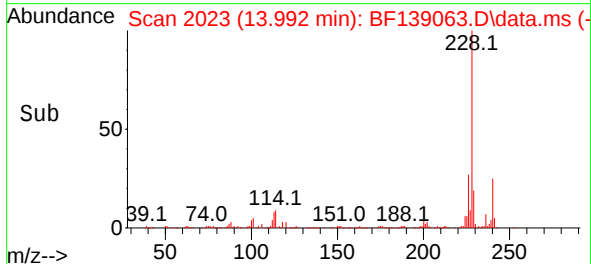
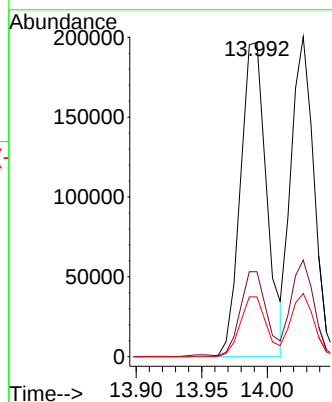


#81
Benzo(a)anthracene
Concen: 39.903 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

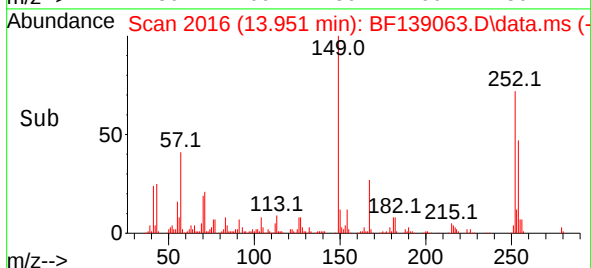
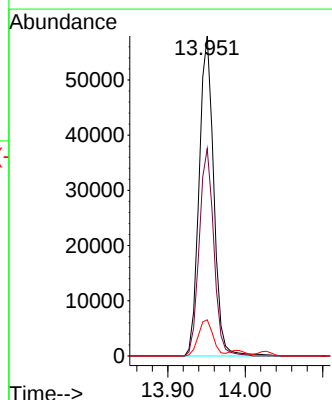
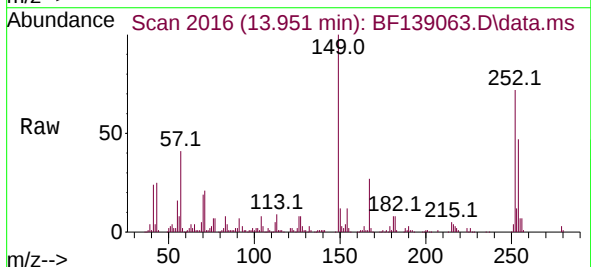


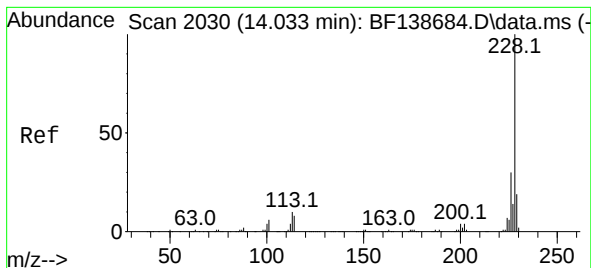
Tgt Ion:228 Resp: 274181
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.1 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 43.101 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139063.D
Acq: 16 Aug 2024 18:07

Tgt Ion:252 Resp: 75787
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 11.3 10.2 15.2





#83

Chrysene

Concen: 39.025 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

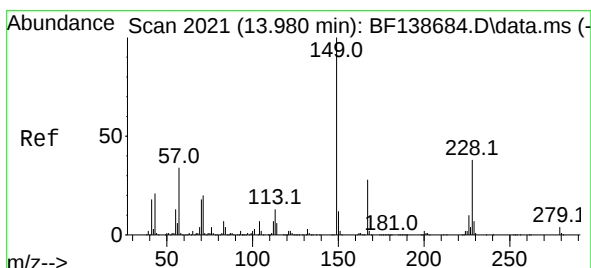
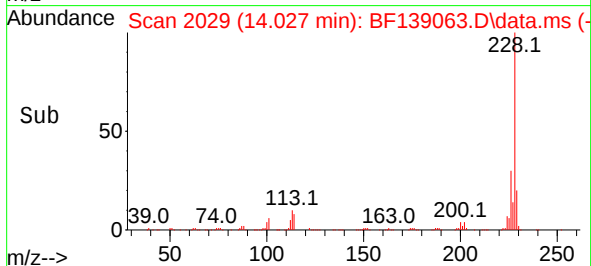
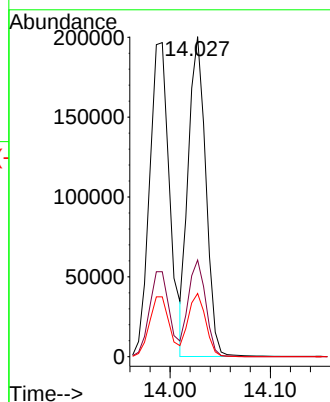
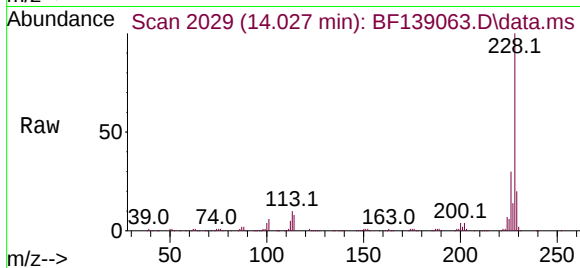
Tgt Ion:228 Resp: 241917

Ion Ratio Lower Upper

228 100

226 30.2 23.7 35.5

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.402 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.023 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

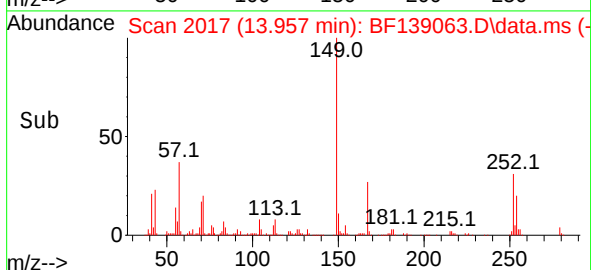
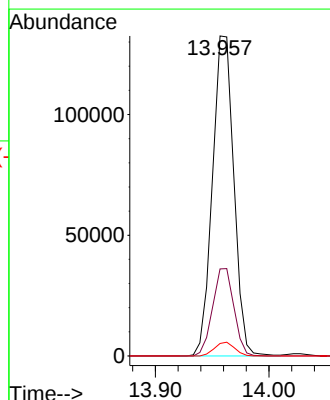
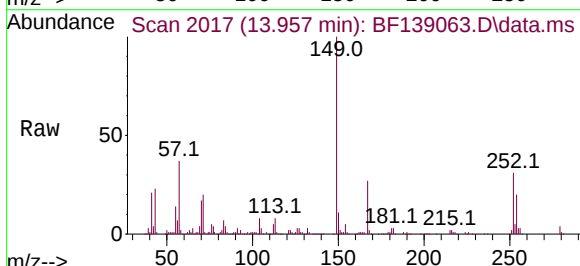
Tgt Ion:149 Resp: 173581

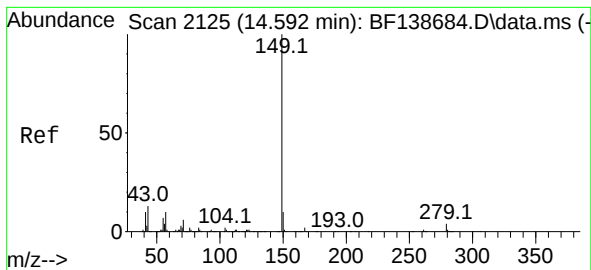
Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.4

279 3.9 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 37.236 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

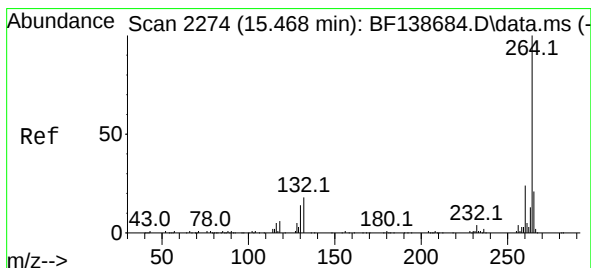
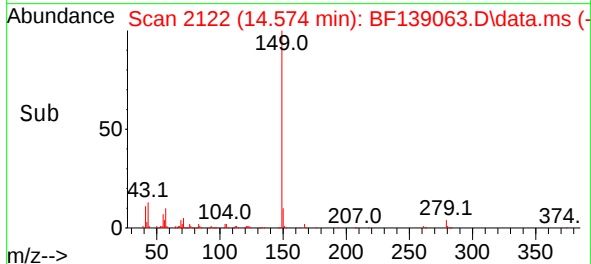
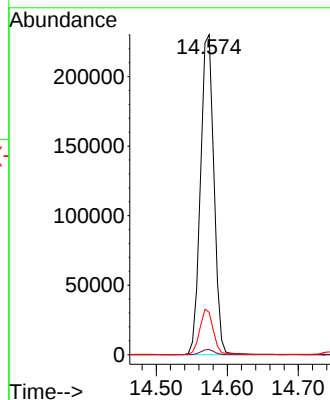
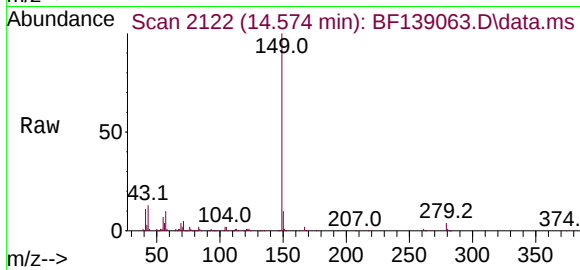
Tgt Ion:149 Resp: 303501

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 14.7 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: BF139063.D

Acq: 16 Aug 2024 18:07

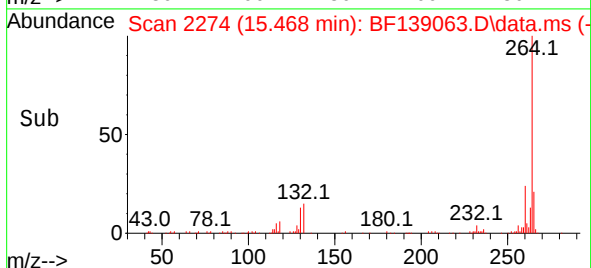
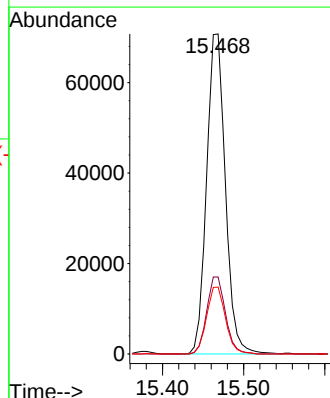
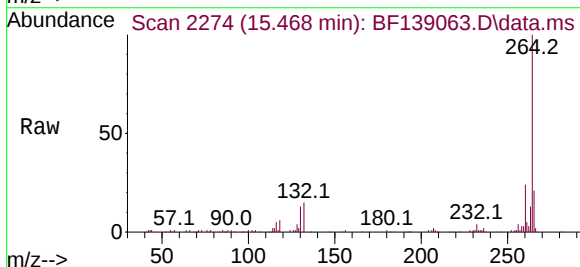
Tgt Ion:264 Resp: 113358

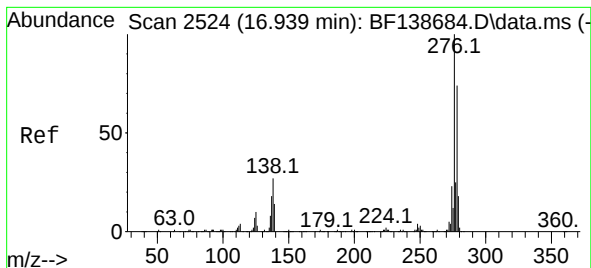
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.189 ng

RT: 16.951 min Scan# 2526

Delta R.T. 0.012 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

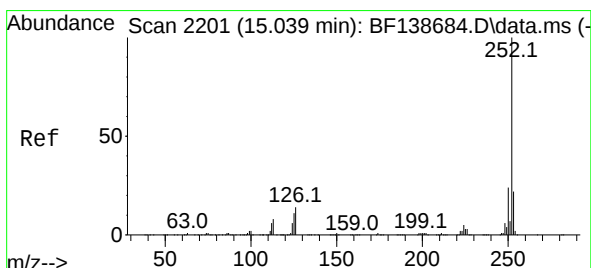
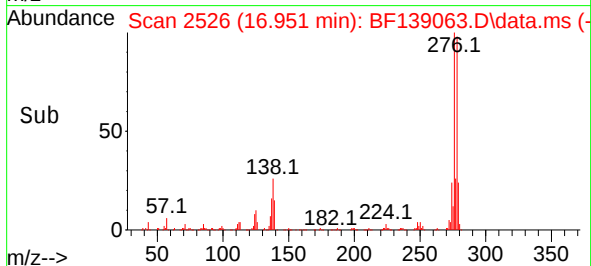
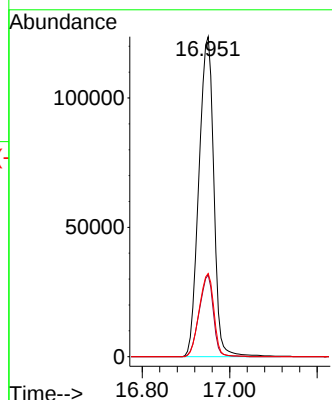
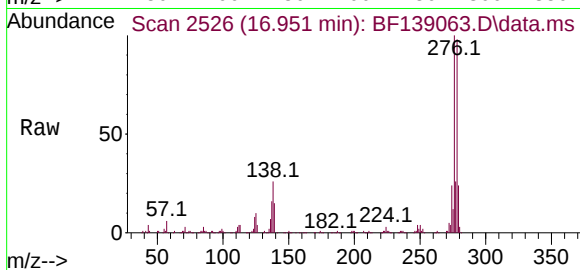
Tgt Ion:276 Resp: 293989

Ion Ratio Lower Upper

276 100

138 24.2 21.8 32.8

277 25.5 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 36.704 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

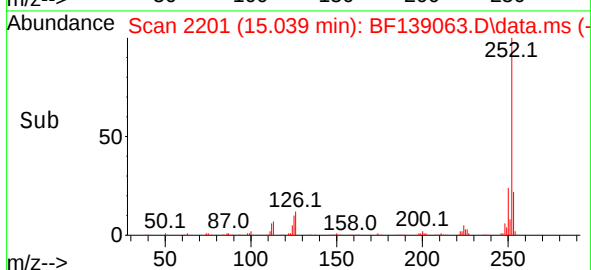
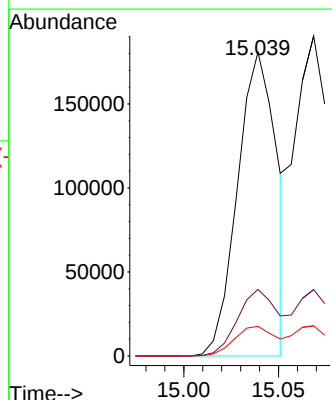
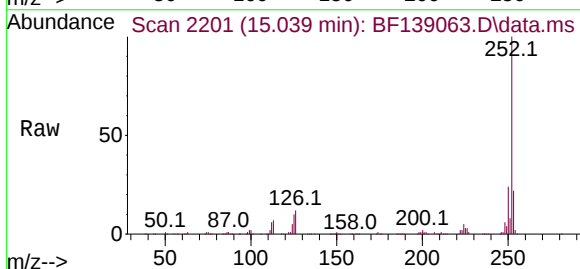
Tgt Ion:252 Resp: 257925

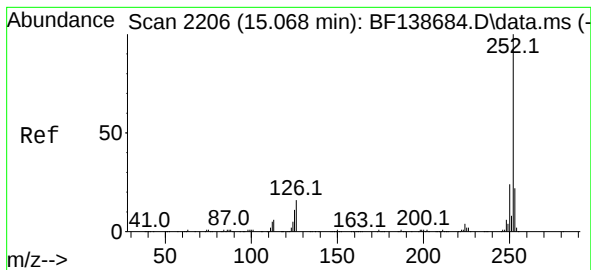
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.7 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 42.857 ng

RT: 15.069 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

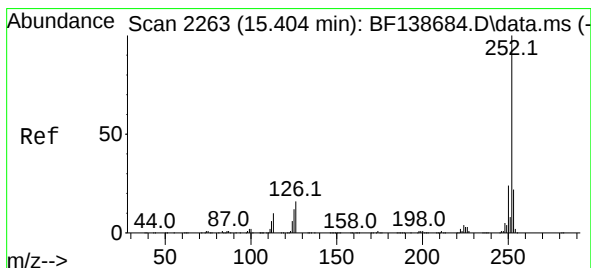
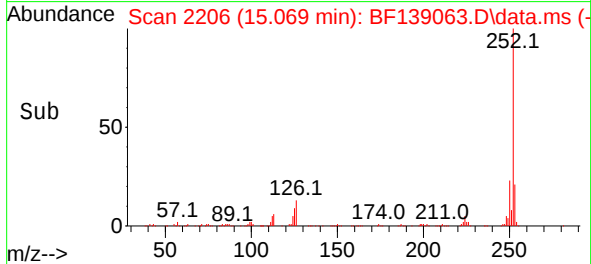
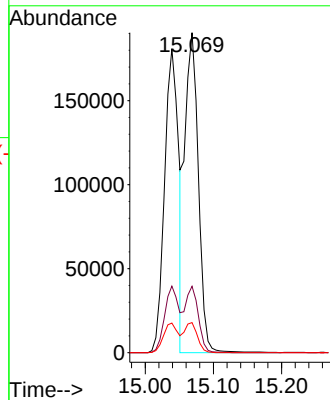
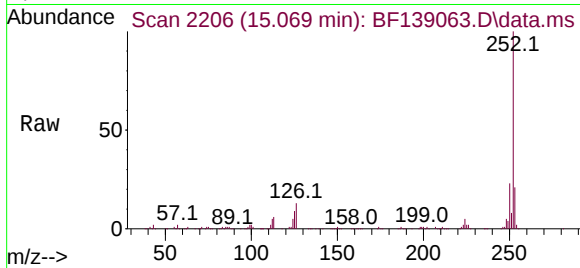
Tgt Ion:252 Resp: 260750

Ion Ratio Lower Upper

252 100

253 20.7 17.4 26.0

125 9.4 8.6 13.0



#90

Benzo(a)pyrene

Concen: 39.462 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF139063.D

Acq: 16 Aug 2024 18:07

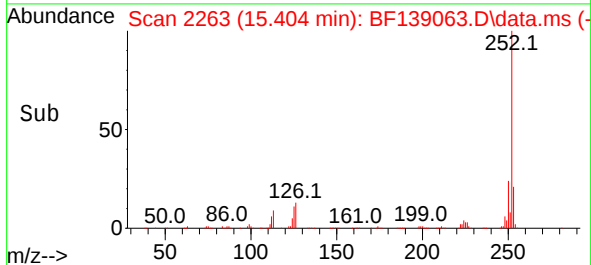
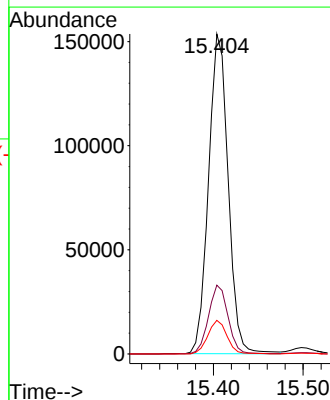
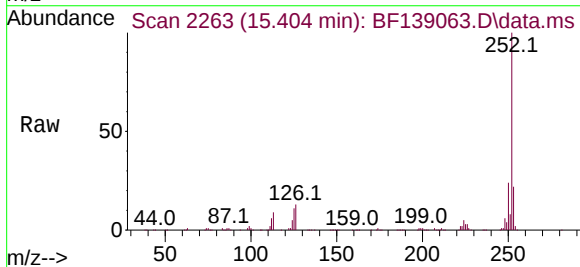
Tgt Ion:252 Resp: 233253

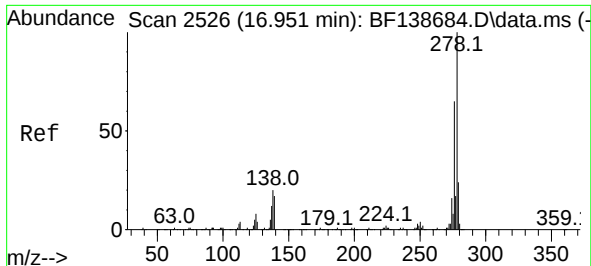
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 10.5 9.5 14.3

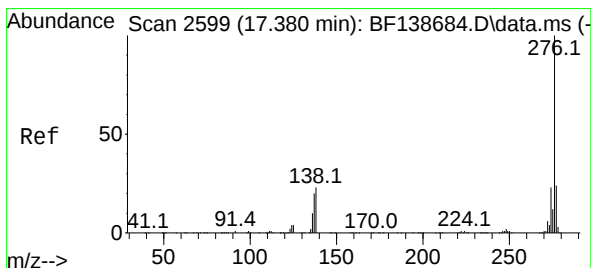
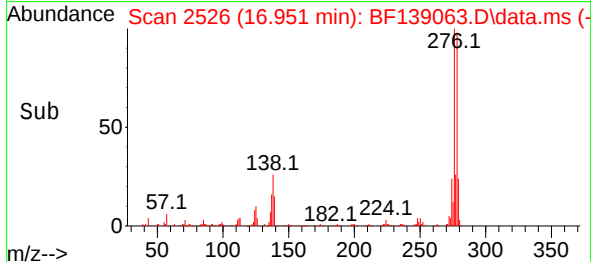
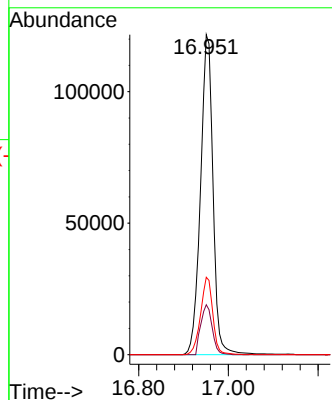
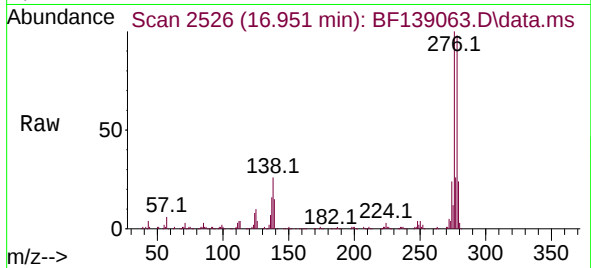




#91
 Dibenzo(a,h)anthracene
 Concen: 35.406 ng
 RT: 16.951 min Scan# 2526
 Delta R.T. 0.000 min
 Lab File: BF139063.D
 Acq: 16 Aug 2024 18:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:278 Resp: 236101
 Ion Ratio Lower Upper
 278 100
 139 15.6 14.0 21.0
 279 24.2 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 34.716 ng
 RT: 17.392 min Scan# 2601
 Delta R.T. 0.012 min
 Lab File: BF139063.D
 Acq: 16 Aug 2024 18:07

Tgt Ion:276 Resp: 240229
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.0 28.4
 138 20.6 18.5 27.7

