

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139065.D
 Acq On : 19 Aug 2024 09:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 19 10:56:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	49558	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	204011	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	113932	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	191441	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	87715	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	96864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	258418	80.493	ng	0.00
7) Phenol-d6	6.487	99	350185	81.243	ng	0.00
23) Nitrobenzene-d5	7.410	82	350238	83.935	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	74271	79.583	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	636396	83.926	ng	-0.01
79) Terphenyl-d14	12.939	244	452171	86.309	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	51910	36.932	ng	# 96
3) Pyridine	3.340	79	129433	38.014	ng	# 93
4) n-Nitrosodimethylamine	3.316	42	95849	47.266	ng	# 80
6) Aniline	6.504	93	154062	40.078	ng	# 42
8) 2-Chlorophenol	6.628	128	139100	41.181	ng	98
9) Benzaldehyde	6.398	77	103458	40.040	ng	99
10) Phenol	6.504	94	181959	40.094	ng	# 73
11) bis(2-Chloroethyl)ether	6.575	93	135036	38.666	ng	99
12) 1,3-Dichlorobenzene	6.775	146	153291	40.543	ng	97
13) 1,4-Dichlorobenzene	6.857	146	154620	40.522	ng	99
14) 1,2-Dichlorobenzene	7.010	146	146421	41.060	ng	99
15) Benzyl Alcohol	6.992	79	133968	43.123	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	230504	38.352	ng	# 50
17) 2-Methylphenol	7.104	107	112336	40.276	ng	# 89
18) Hexachloroethane	7.345	117	59597	41.493	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	111583	42.861	ng	96
20) 3+4-Methylphenols	7.257	107	153927	43.013	ng	99
22) Acetophenone	7.251	105	212267	42.494	ng	# 99
24) Nitrobenzene	7.428	77	172482	40.622	ng	99
25) Isophorone	7.663	82	290389	40.756	ng	97
26) 2-Nitrophenol	7.745	139	75793	41.490	ng	93
27) 2,4-Dimethylphenol	7.781	122	86692	39.663	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	170300	39.249	ng	99
29) 2,4-Dichlorophenol	7.992	162	115766	41.218	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	130657	40.311	ng	100
31) Naphthalene	8.145	128	430481	40.088	ng	100
32) Benzoic acid	7.945	122	56904	33.120	ng	90
33) 4-Chloroaniline	8.198	127	141530	39.263	ng	96
34) Hexachlorobutadiene	8.251	225	83889	42.731	ng	99
35) Caprolactam	8.581	113	35120	41.907	ng	92
36) 4-Chloro-3-methylphenol	8.686	107	135791	42.305	ng	97
37) 2-Methylnaphthalene	8.828	142	277884	40.974	ng	99
38) 1-Methylnaphthalene	8.928	142	275470	41.451	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	130116	41.112	ng	98
41) Hexachlorocyclopentadiene	8.975	237	26700	36.064	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	75324	39.035	ng	99

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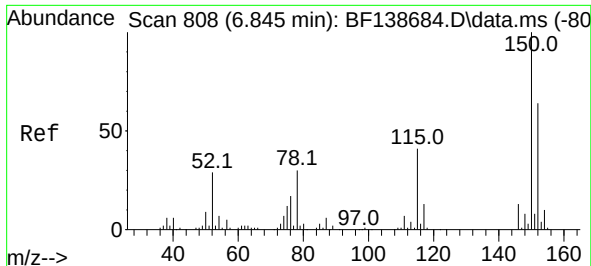
Quant Time: Aug 19 10:56:08 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	84196	39.912	ng	100
46) 1,1'-Biphenyl	9.292	154	356764	39.983	ng	99
47) 2-Chloronaphthalene	9.322	162	264203	39.812	ng	99
48) 2-Nitroaniline	9.428	65	94348	41.936	ng	95
49) Acenaphthylene	9.733	152	370513	39.365	ng	99
50) Dimethylphthalate	9.598	163	303803	41.703	ng	100
51) 2,6-Dinitrotoluene	9.669	165	69250	42.121	ng	88
52) Acenaphthene	9.904	154	247879	39.177	ng	99
53) 3-Nitroaniline	9.839	138	66969	39.403	ng	96
54) 2,4-Dinitrophenol	9.957	184	29046	38.379	ng	# 78
55) Dibenzofuran	10.080	168	363358	40.683	ng	97
56) 4-Nitrophenol	10.028	139	37224	36.421	ng	93
57) 2,4-Dinitrotoluene	10.075	165	89734	42.780	ng	# 75
58) Fluorene	10.422	166	297308	41.802	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	59534	36.914	ng	93
60) Diethylphthalate	10.292	149	303810	43.983	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	145741	41.664	ng	95
62) 4-Nitroaniline	10.457	138	57759	35.760	ng	# 84
63) Azobenzene	10.569	77	315936	41.240	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	44043	37.710	ng	95
66) n-Nitrosodiphenylamine	10.533	169	243049	40.616	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	83479	40.275	ng	97
68) Hexachlorobenzene	10.969	284	85938	40.156	ng	99
69) Atrazine	11.057	200	49041	31.765	ng	99
70) Pentachlorophenol	11.174	266	30933	32.067	ng	98
71) Phenanthrene	11.386	178	388143	39.375	ng	100
72) Anthracene	11.439	178	384448	39.588	ng	99
73) Carbazole	11.598	167	326386	38.956	ng	99
74) Di-n-butylphthalate	11.910	149	424324	45.052	ng	99
75) Fluoranthene	12.574	202	354389	38.509	ng	99
77) Benzidine	12.698	184	77137	36.767	ng	98
78) Pyrene	12.804	202	340043	41.174	ng	99
80) Butylbenzylphthalate	13.410	149	115835	43.800	ng	99
81) Benzo(a)anthracene	13.992	228	240416	39.802	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	64221	41.548	ng	98
83) Chrysene	14.027	228	222237	40.781	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	152506	39.380	ng	99
85) Di-n-octyl phthalate	14.574	149	259891	36.272	ng	97
87) Indeno(1,2,3-cd)pyrene	16.951	276	248398	35.784	ng	97
88) Benzo(b)fluoranthene	15.068	252	205507	34.225	ng	98
89) Benzo(k)fluoranthene	15.068	252	205507	39.529	ng	98
90) Benzo(a)pyrene	15.410	252	201837	39.962	ng	98
91) Dibenzo(a,h)anthracene	16.956	278	204676	35.919	ng	98
92) Benzo(g,h,i)perylene	17.398	276	204358	34.561	ng	96

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

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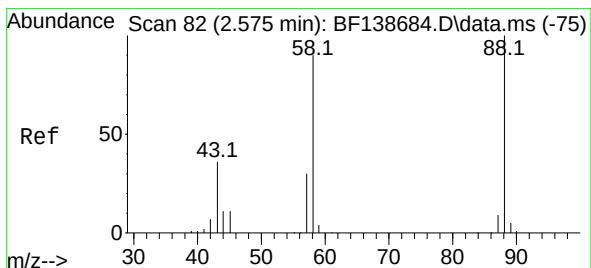
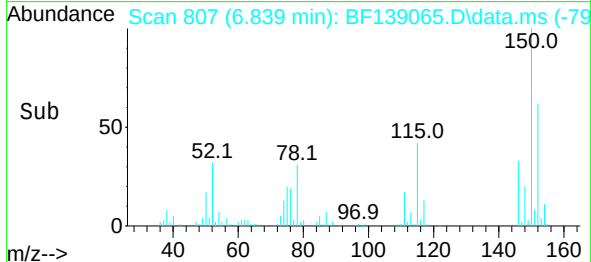
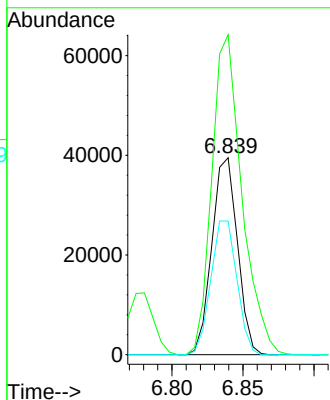
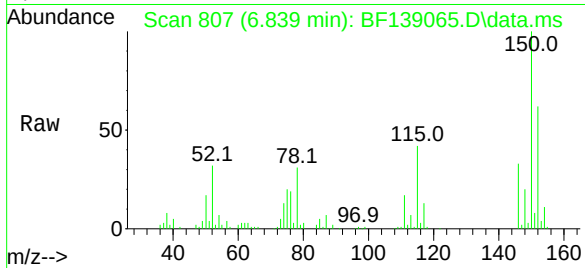




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
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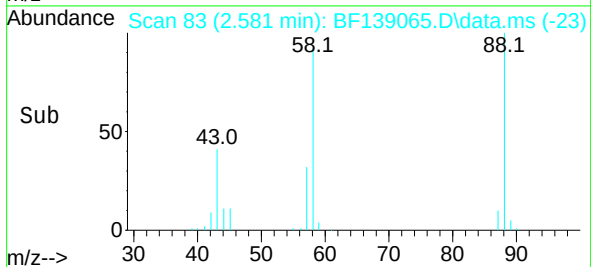
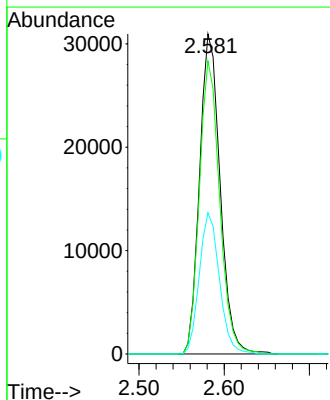
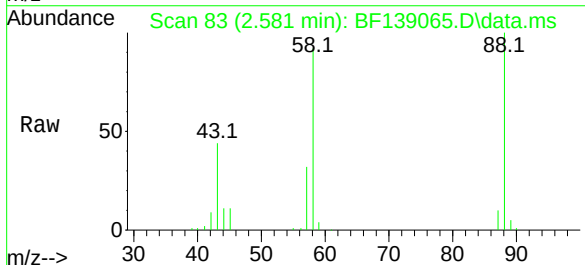
Instrument :
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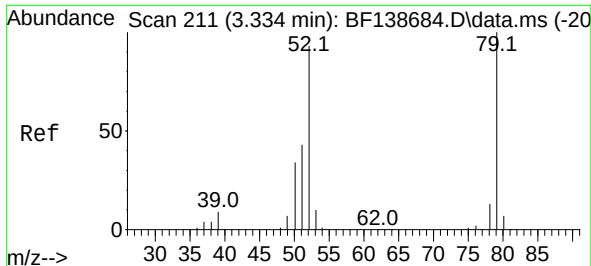
Tgt Ion:152 Resp: 49558
Ion Ratio Lower Upper
152 100
150 162.5 126.0 189.0
115 67.8 51.7 77.5



#2
1,4-Dioxane
Concen: 36.932 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion: 88 Resp: 51910
Ion Ratio Lower Upper
88 100
58 90.1 71.6 107.4
43 43.2 28.7 43.1#





#3

Pyridine

Concen: 38.014 ng

RT: 3.340 min Scan# 211

Delta R.T. 0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

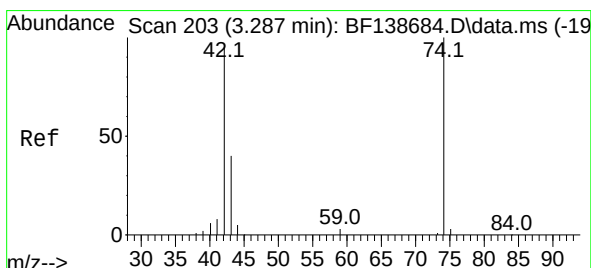
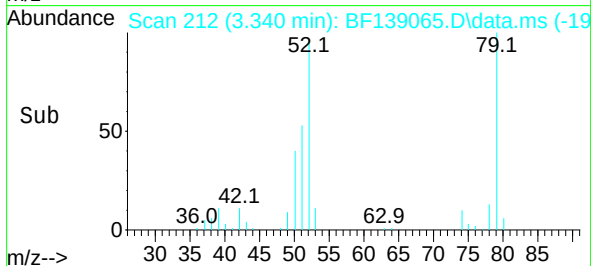
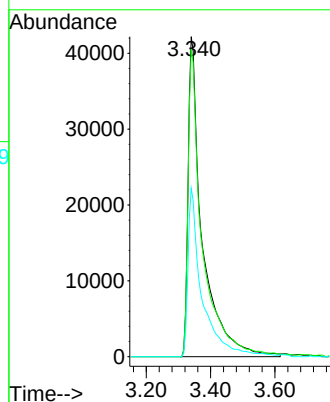
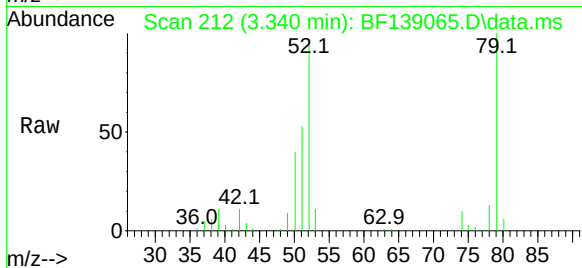
Tgt Ion: 79 Resp: 129433

Ion Ratio Lower Upper

79 100

52 96.1 74.7 112.1

51 52.6 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 47.266 ng

RT: 3.316 min Scan# 208

Delta R.T. 0.029 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

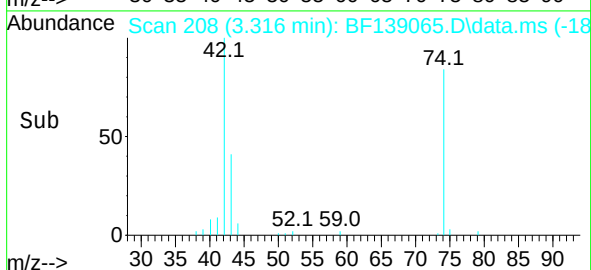
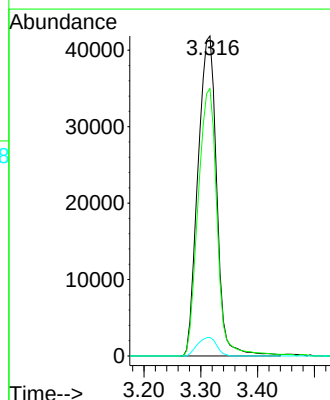
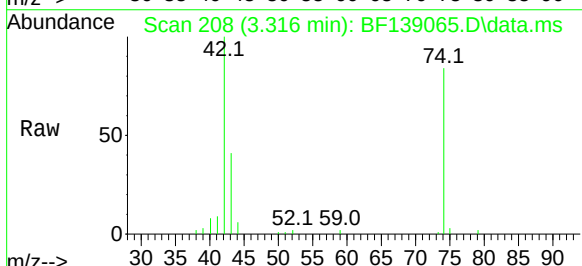
Tgt Ion: 42 Resp: 95849

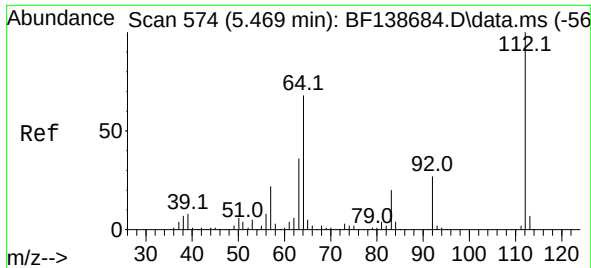
Ion Ratio Lower Upper

42 100

74 83.6 84.2 126.4#

44 5.8 4.9 7.3

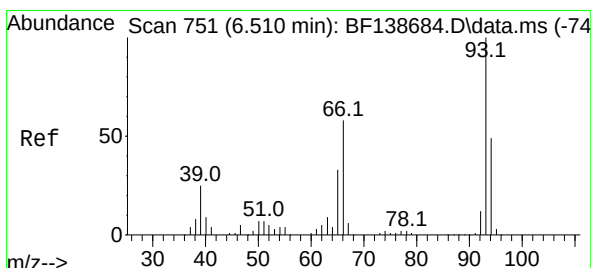
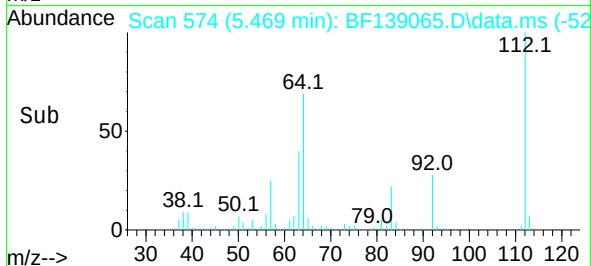
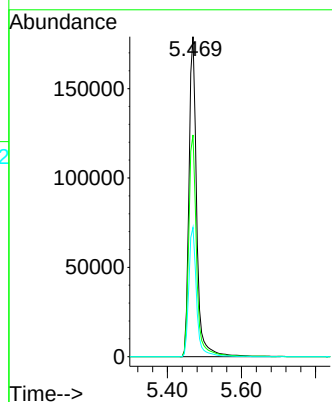
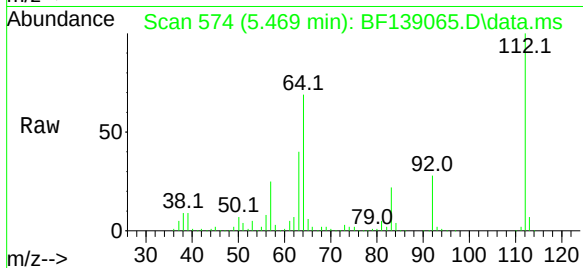




#5
2-Fluorophenol
Concen: 80.493 ng
RT: 5.469 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

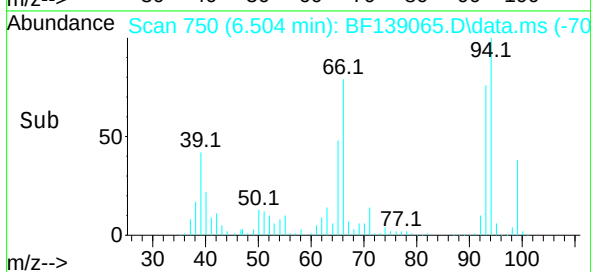
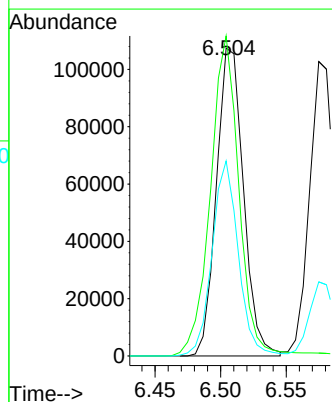
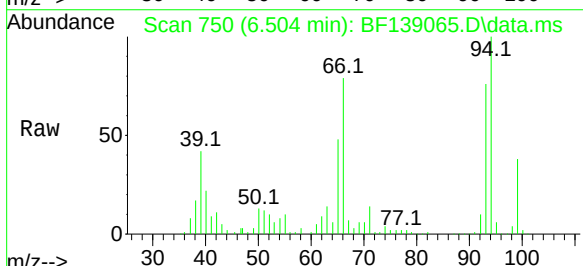
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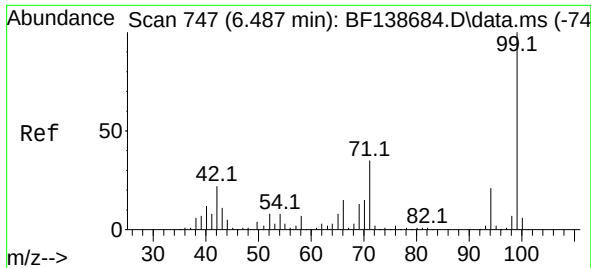
Tgt Ion:112 Resp: 258418
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.4
63 40.4 28.7 43.1



#6
Aniline
Concen: 40.078 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion: 93 Resp: 154062
Ion Ratio Lower Upper
93 100
66 103.9 46.9 70.3#
65 63.3 26.5 39.7#

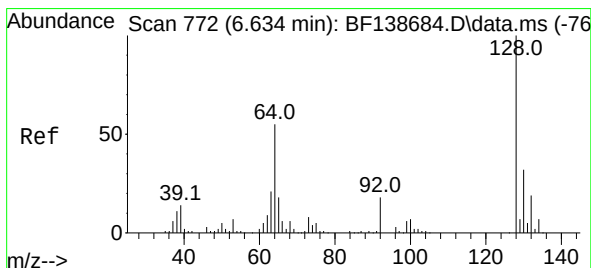
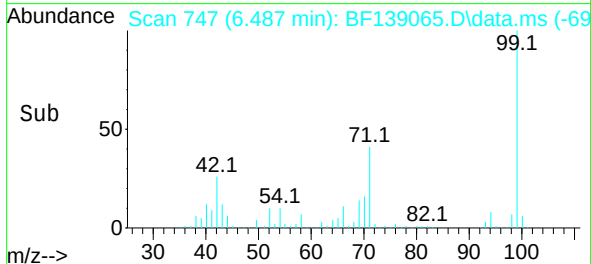
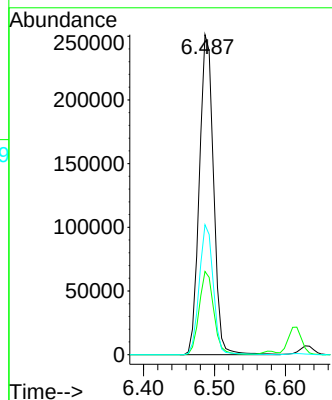
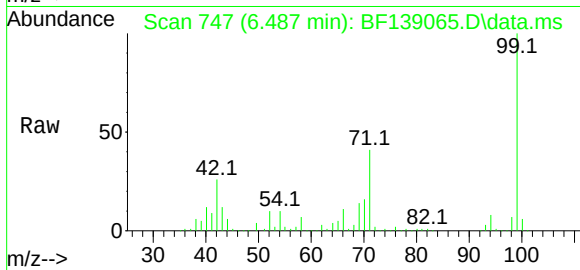




#7
Phenol-d6
Concen: 81.243 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

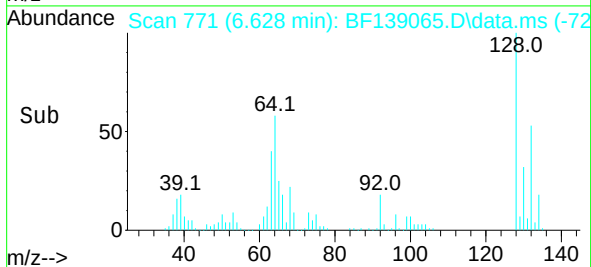
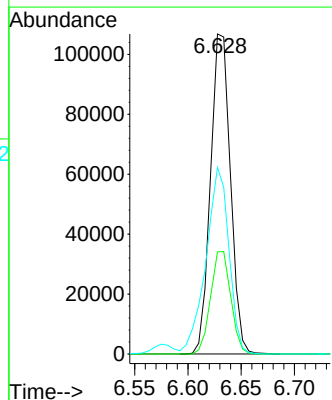
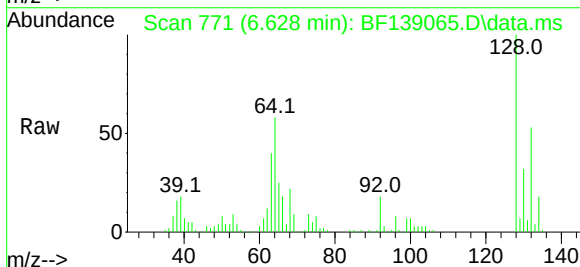
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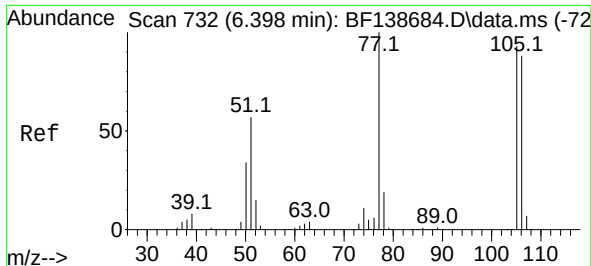
Tgt Ion: 99 Resp: 350185
Ion Ratio Lower Upper
99 100
42 26.0 17.4 26.0
71 40.6 28.1 42.1



#8
2-Chlorophenol
Concen: 41.181 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion: 128 Resp: 139100
Ion Ratio Lower Upper
128 100
130 31.9 12.0 52.0
64 58.3 36.3 76.3





#9

Benzaldehyde

Concen: 40.040 ng

RT: 6.398 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

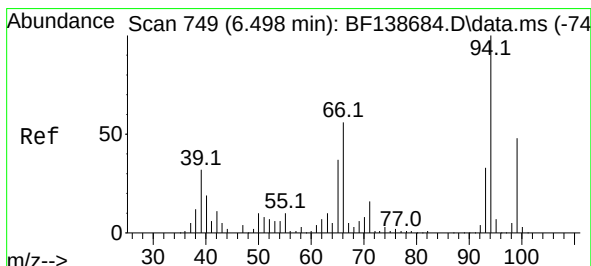
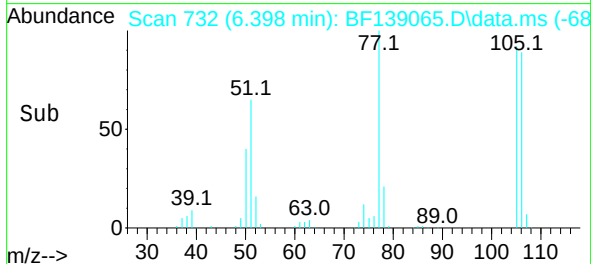
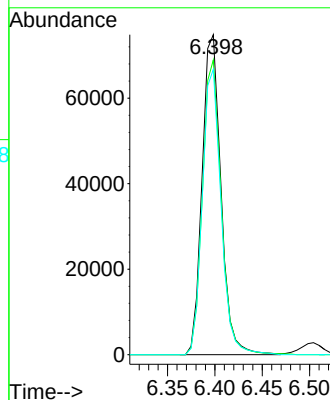
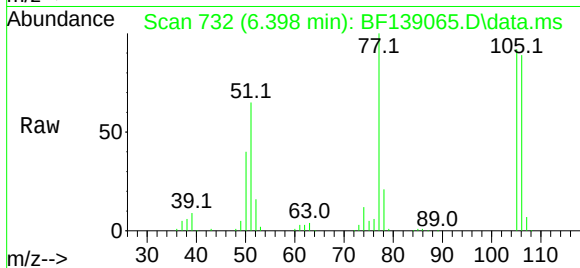
Tgt Ion: 77 Resp: 103458

Ion Ratio Lower Upper

77 100

105 92.1 72.9 112.9

106 89.2 68.4 108.4



#10

Phenol

Concen: 40.094 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

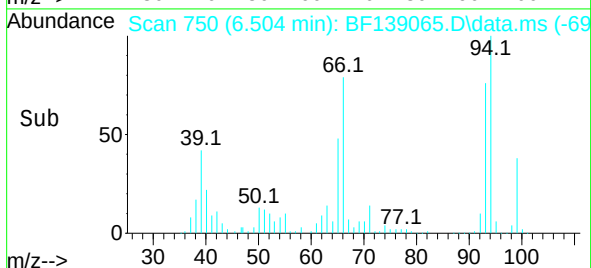
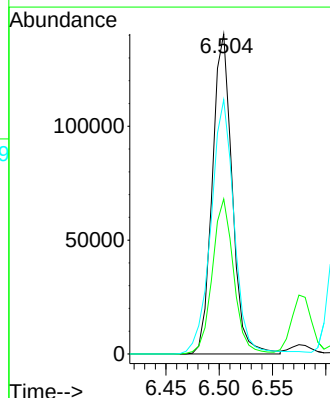
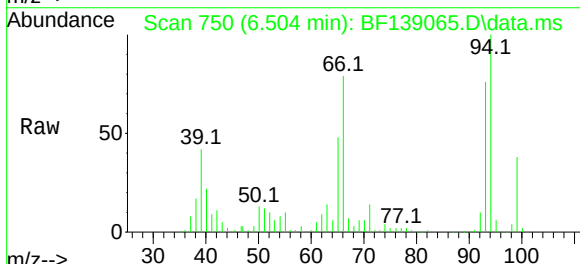
Tgt Ion: 94 Resp: 181959

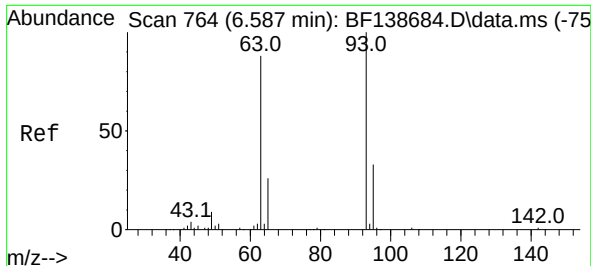
Ion Ratio Lower Upper

94 100

65 48.4 16.9 56.9

66 79.5 36.5 76.5#





#11

bis(2-Chloroethyl)ether

Concen: 38.666 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.012 min

Lab File: BF139065.D

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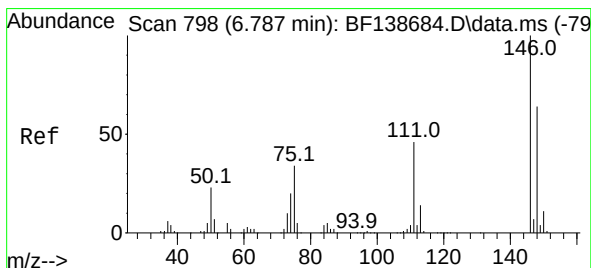
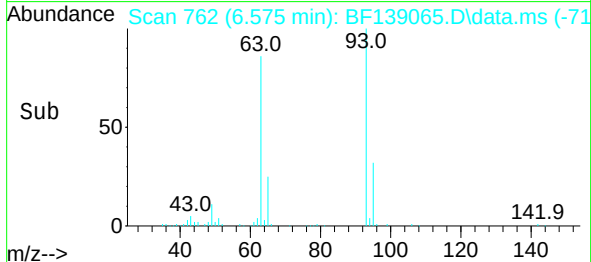
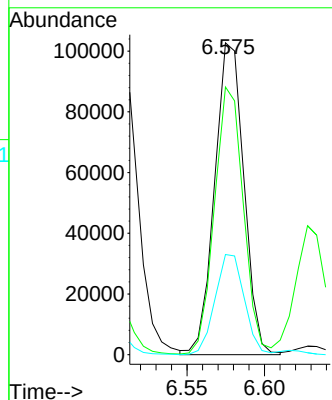
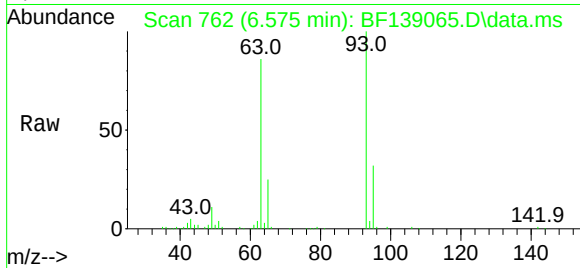
Tgt Ion: 93 Resp: 135036

Ion Ratio Lower Upper

93 100

63 85.8 65.3 105.3

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 40.543 ng

RT: 6.775 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

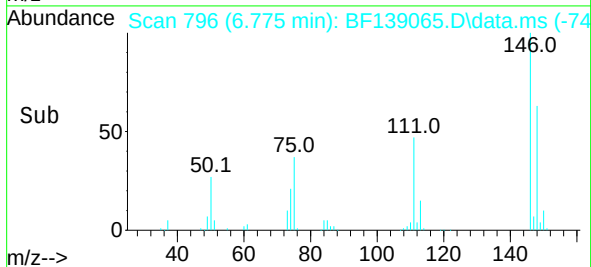
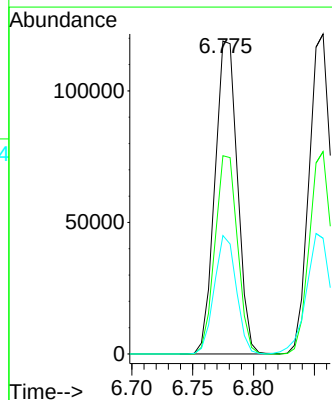
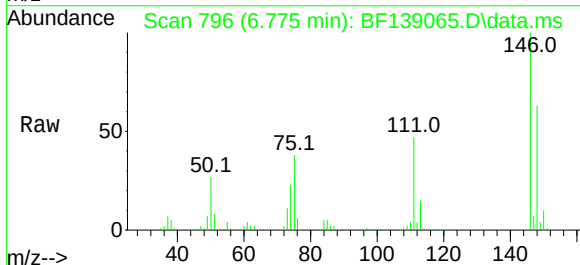
Tgt Ion:146 Resp: 153291

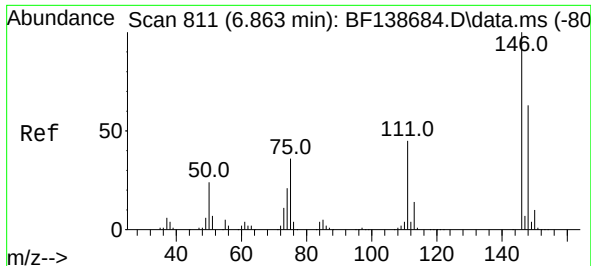
Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

75 37.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 40.522 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

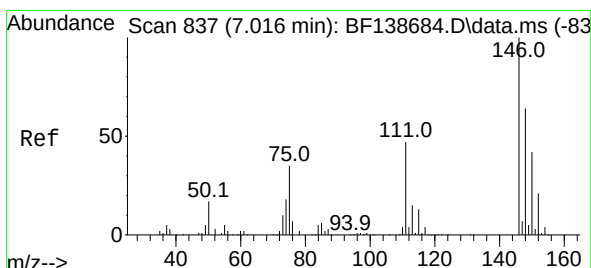
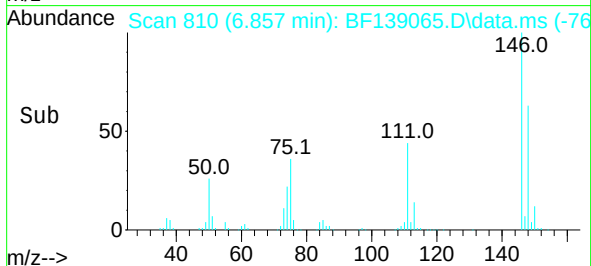
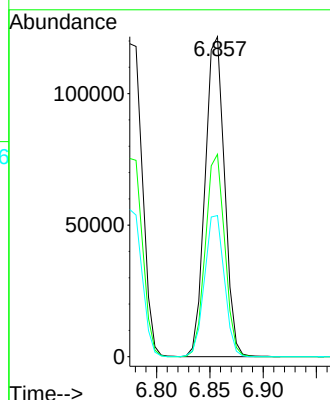
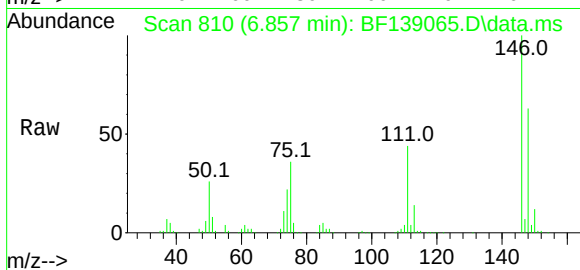
Tgt Ion:146 Resp: 154620

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.2

111 44.1 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 41.060 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

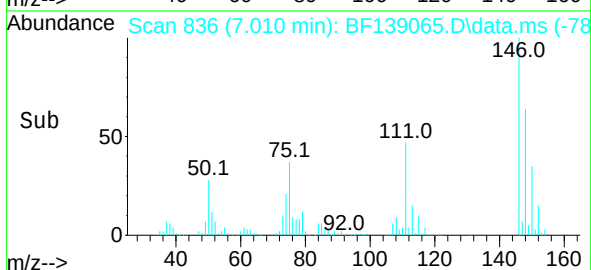
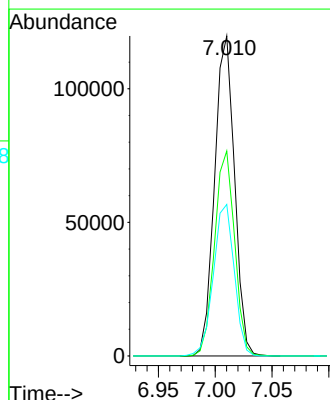
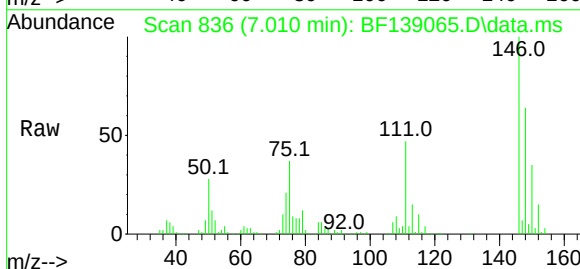
Tgt Ion:146 Resp: 146421

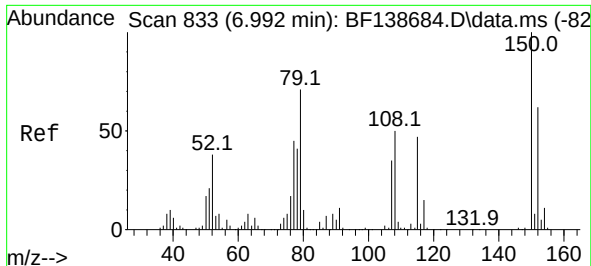
Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

111 47.3 37.4 56.2

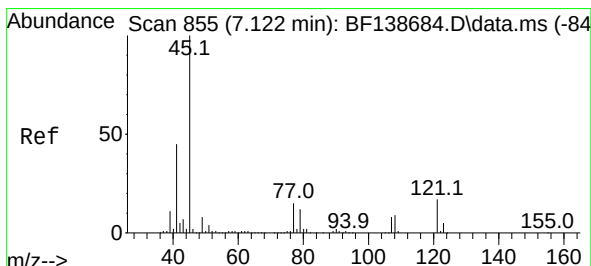
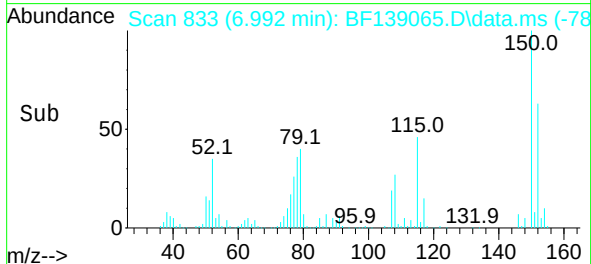
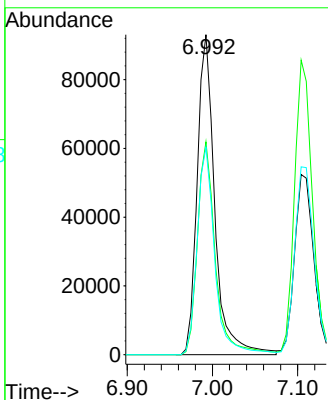
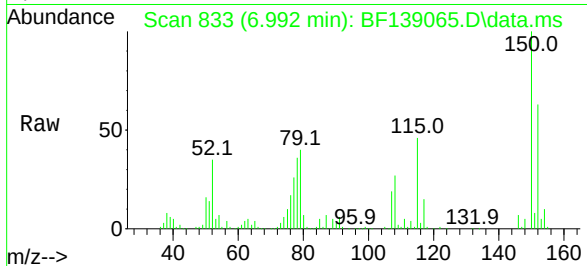




#15
Benzyl Alcohol
Concen: 43.123 ng
RT: 6.992 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

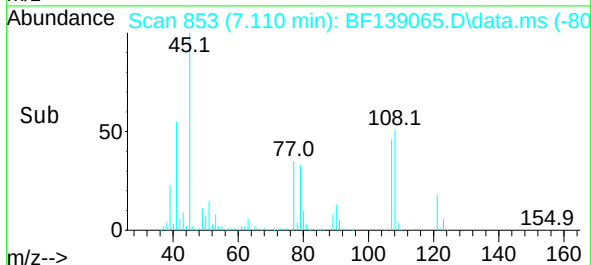
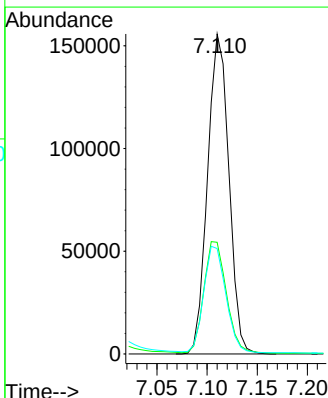
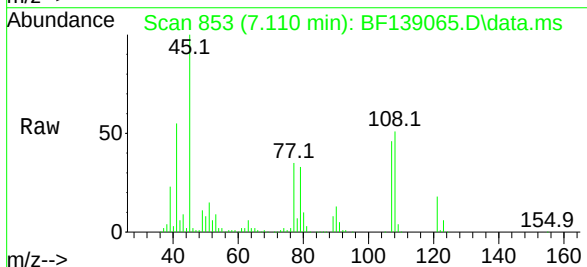
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

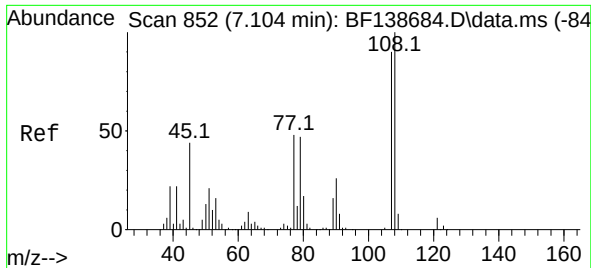
Tgt Ion: 79 Resp: 133968
Ion Ratio Lower Upper
79 100
108 66.5 56.6 85.0
77 64.8 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.352 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion: 45 Resp: 230504
Ion Ratio Lower Upper
45 100
77 34.9 0.0 34.9#
79 33.0 0.0 32.2#

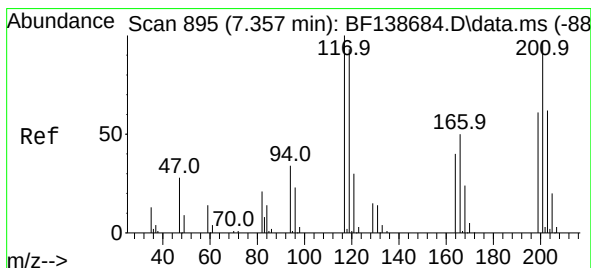
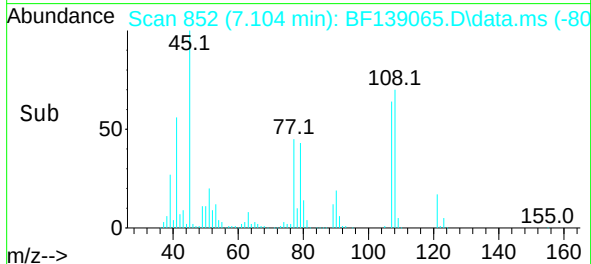
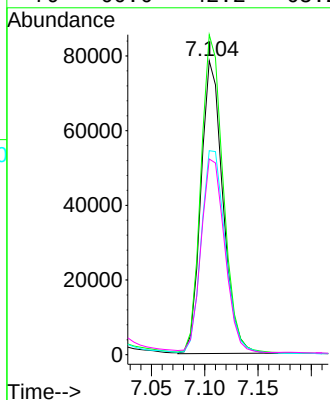
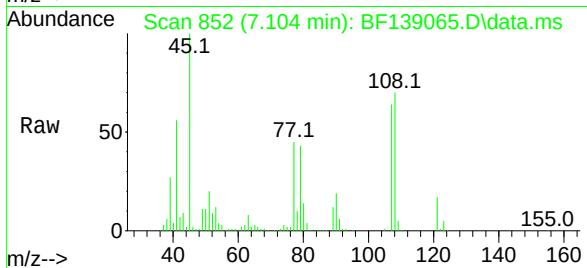




#17
2-Methylphenol
Concen: 40.276 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

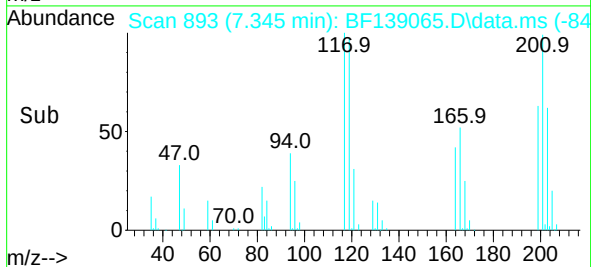
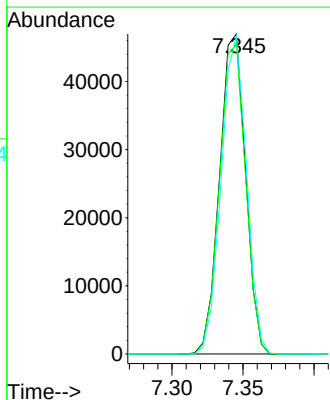
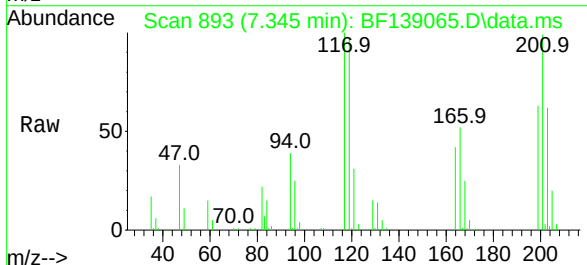
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

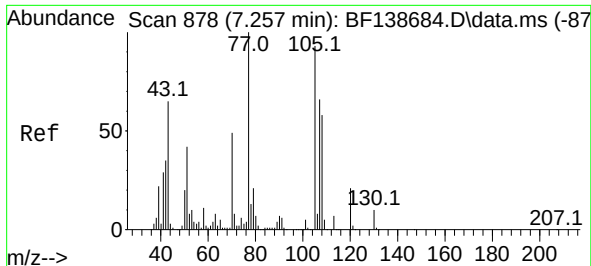
Tgt Ion:	107	Resp:	112336
Ion	Ratio	Lower	Upper
107	100		
108	108.9	89.2	133.8
77	69.4	43.0	64.4#
79	66.6	42.2	63.2#



#18
Hexachloroethane
Concen: 41.493 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion:	117	Resp:	59597
Ion	Ratio	Lower	Upper
117	100		
119	96.8	74.6	111.8
201	99.4	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.861 ng

RT: 7.257 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 111583

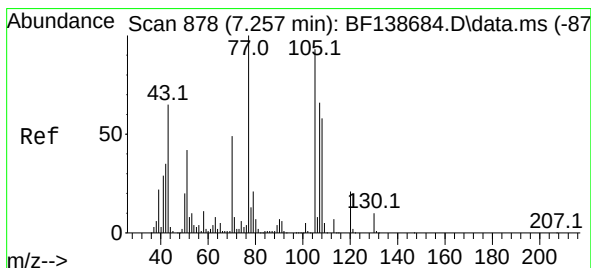
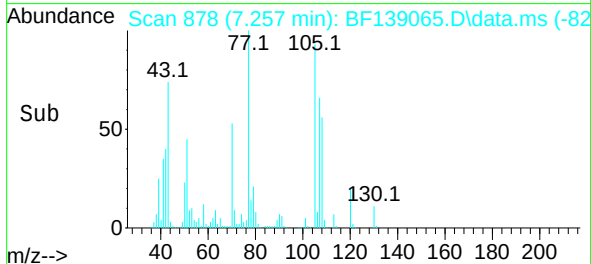
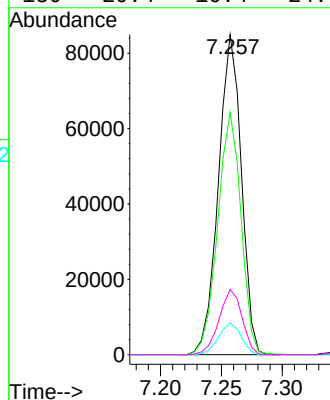
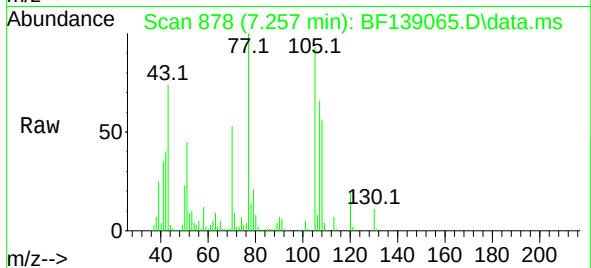
Ion Ratio Lower Upper

70 100

42 75.7 57.4 86.0

101 9.9 7.5 11.3

130 20.4 16.4 24.6



#20

3+4-Methylphenols

Concen: 43.013 ng

RT: 7.257 min Scan# 878

Delta R.T. -0.000 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Tgt Ion:107 Resp: 153927

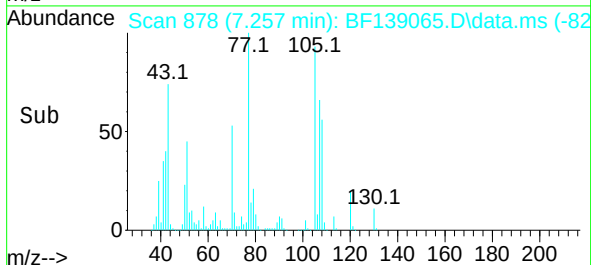
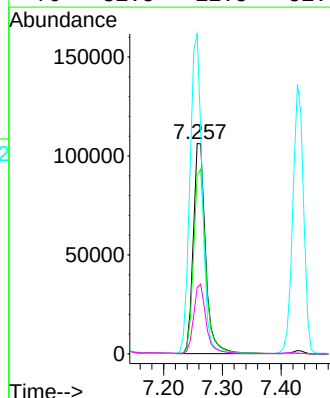
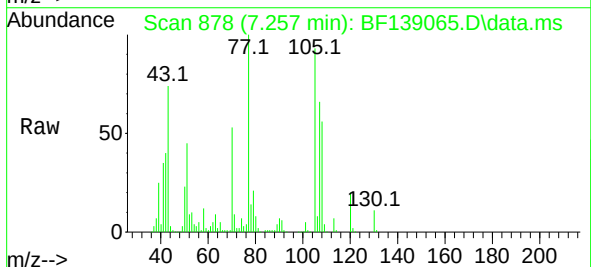
Ion Ratio Lower Upper

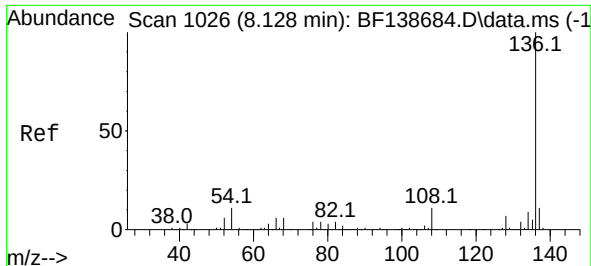
107 100

108 85.0 68.2 108.2

77 152.1 132.1 172.1

79 31.5 11.5 51.5



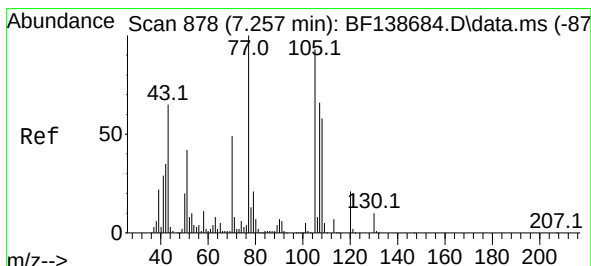
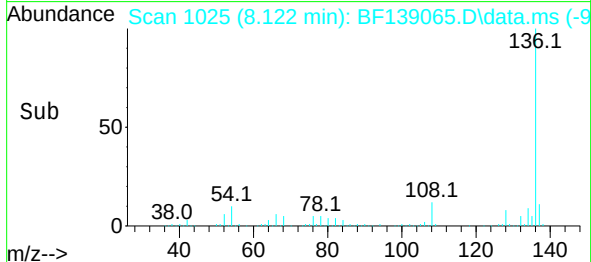
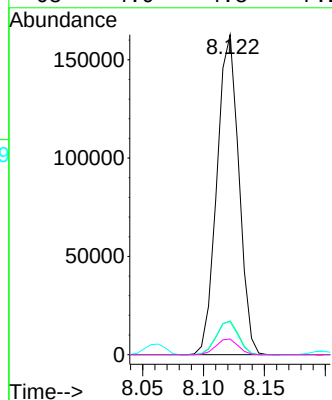
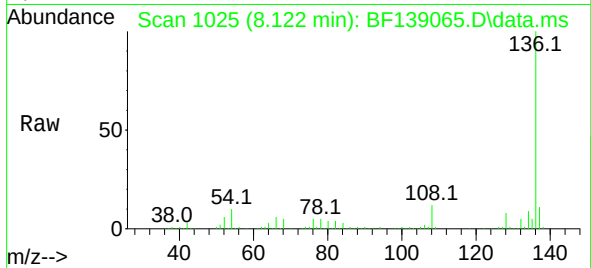


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 204011

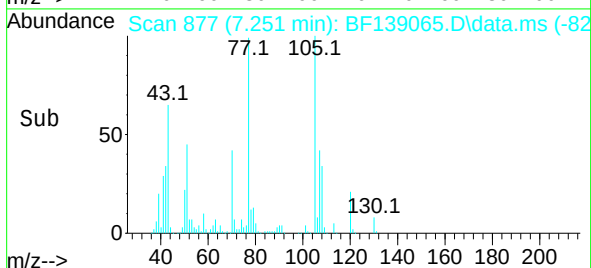
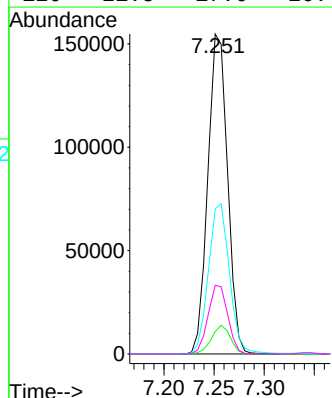
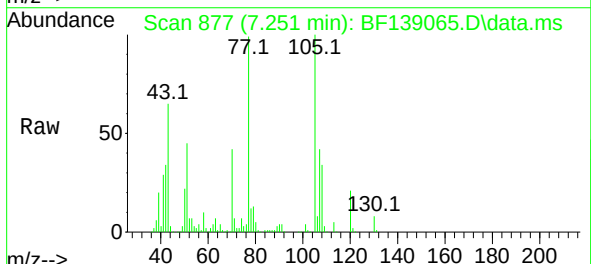
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	10.3	8.6	12.8
68	4.9	4.8	7.2

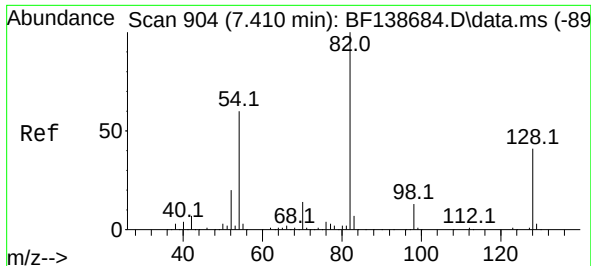


#22
Acetophenone
Concen: 42.494 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion:105 Resp: 212267

Ion	Ratio	Lower	Upper
105	100		
71	7.0	7.2	10.8
51	45.3	35.9	53.9
120	21.5	17.6	26.4





#23

Nitrobenzene-d5

Concen: 83.935 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

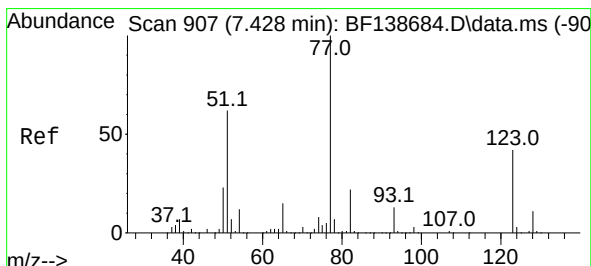
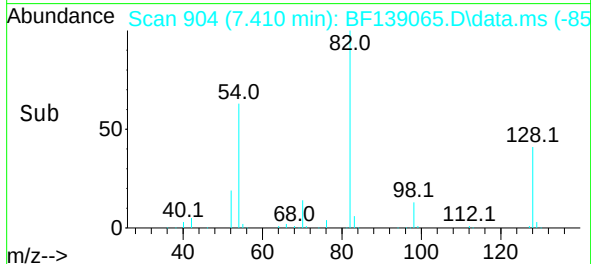
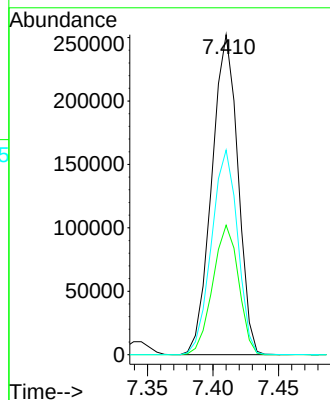
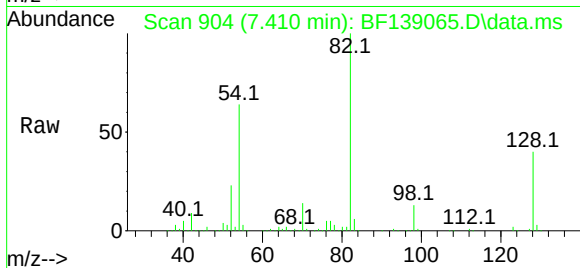
Tgt Ion: 82 Resp: 350238

Ion Ratio Lower Upper

82 100

128 40.5 32.8 49.2

54 64.0 48.3 72.5



#24

Nitrobenzene

Concen: 40.622 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

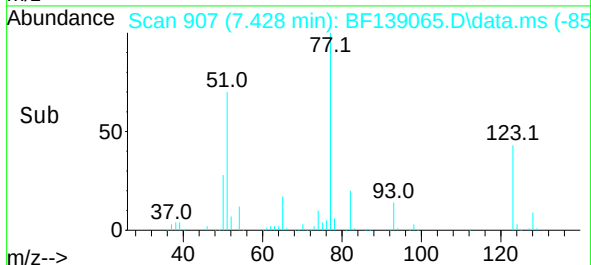
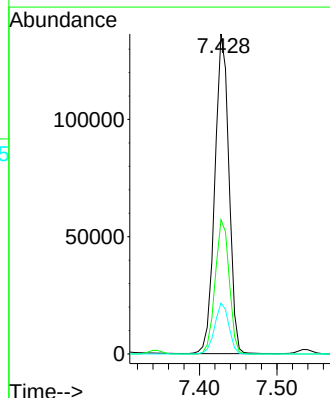
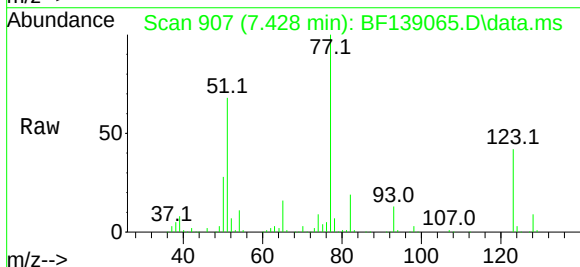
Tgt Ion: 77 Resp: 172482

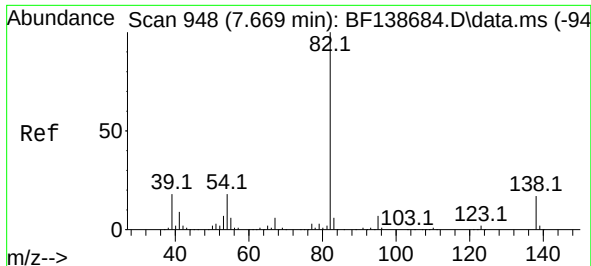
Ion Ratio Lower Upper

77 100

123 41.9 33.3 49.9

65 15.9 11.9 17.9

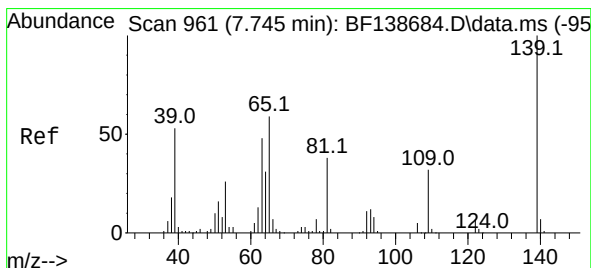
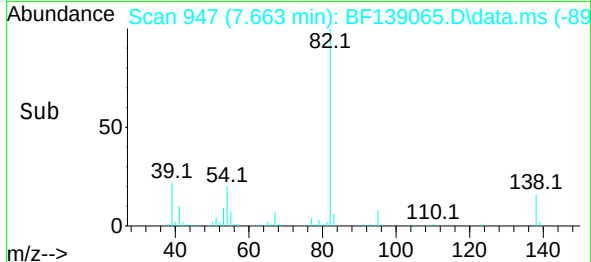
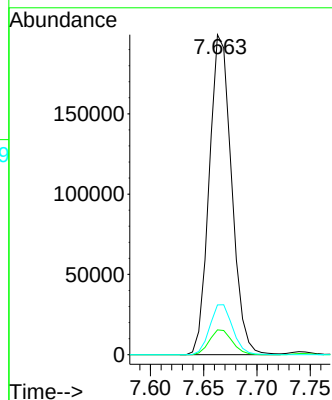
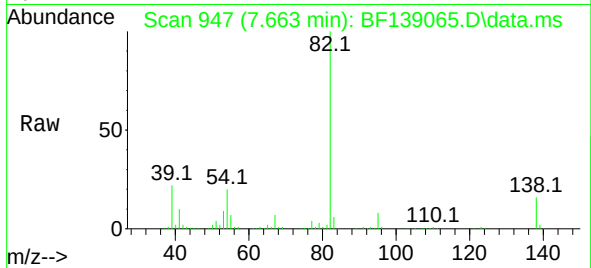




#25
Isophorone
Concen: 40.756 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

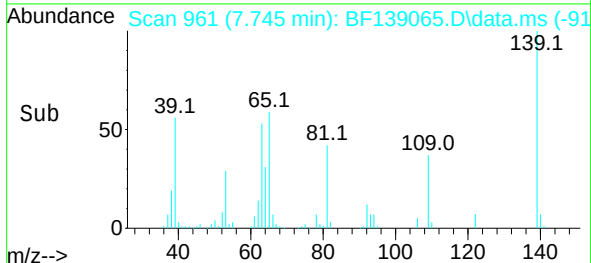
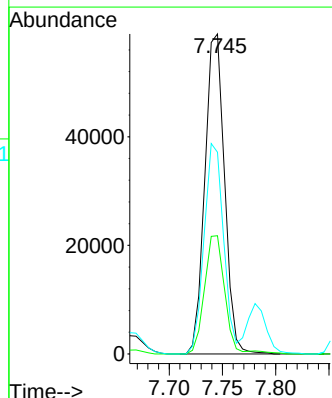
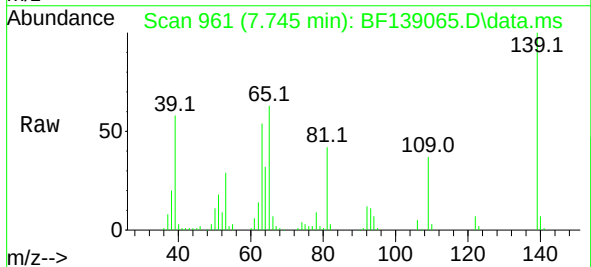
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

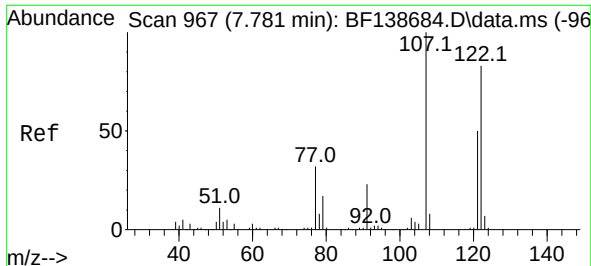
Tgt Ion: 82 Resp: 290389
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 15.6 13.7 20.5



#26
2-Nitrophenol
Concen: 41.490 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion:139 Resp: 75793
Ion Ratio Lower Upper
139 100
109 37.0 25.9 38.9
65 63.1 47.0 70.6

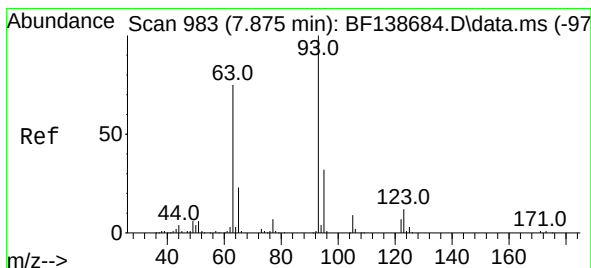
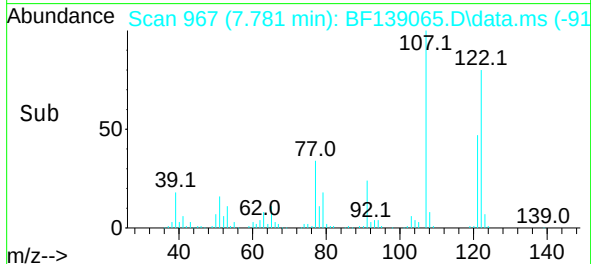
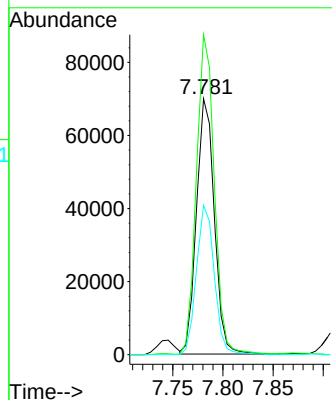
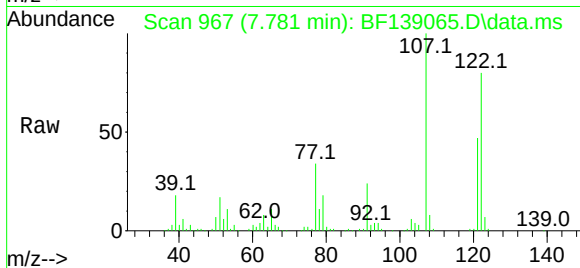




#27
2,4-Dimethylphenol
Concen: 39.663 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

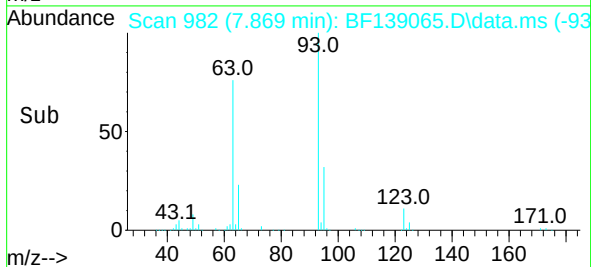
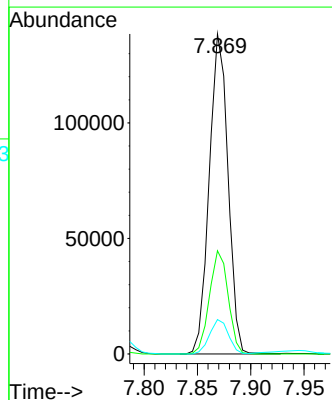
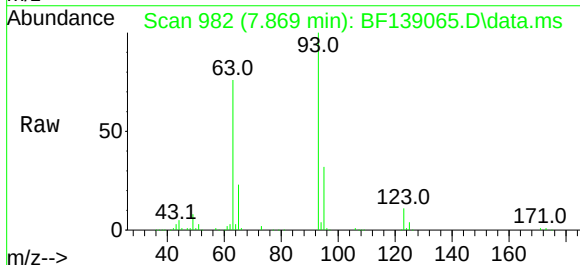
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

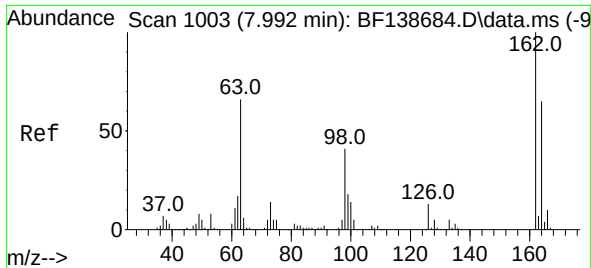
Tgt Ion:122 Resp: 86692
Ion Ratio Lower Upper
122 100
107 125.0 95.0 142.6
121 58.3 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.249 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion: 93 Resp: 170300
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.218 ng

RT: 7.992 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139065.D

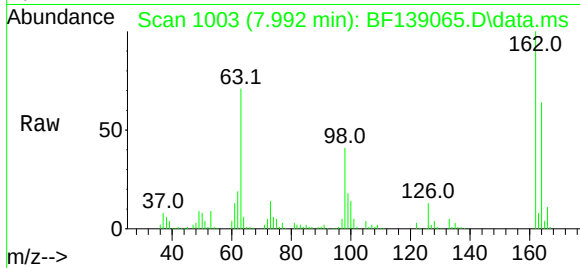
Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



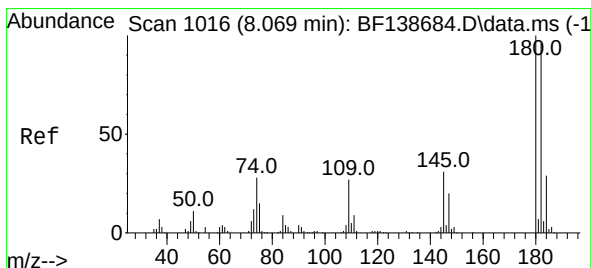
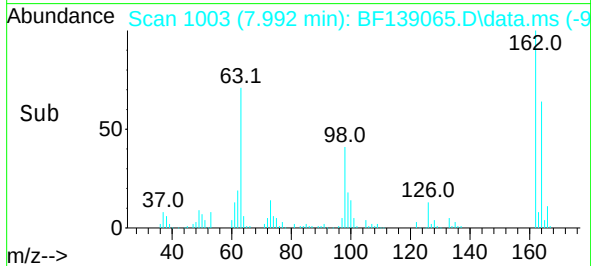
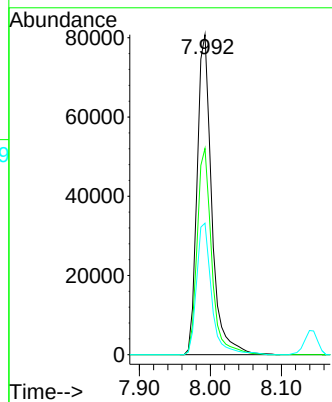
Tgt Ion:162 Resp: 115766

Ion Ratio Lower Upper

162 100

164 64.4 44.7 84.7

98 41.1 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 40.311 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

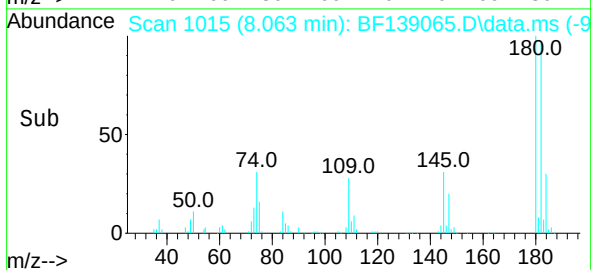
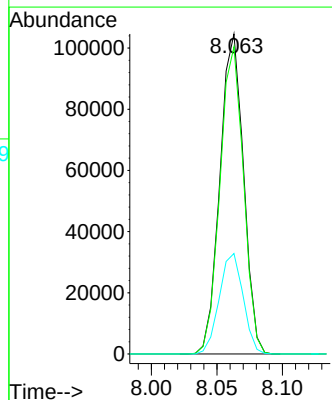
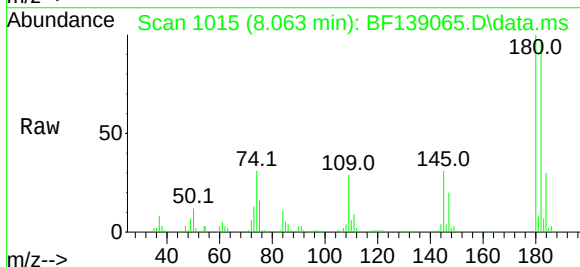
Tgt Ion:180 Resp: 130657

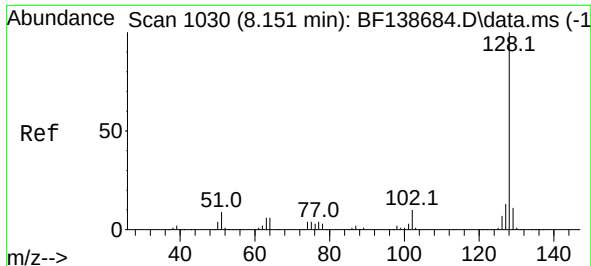
Ion Ratio Lower Upper

180 100

182 96.0 76.9 115.3

145 31.4 25.0 37.4





#31

Naphthalene

Concen: 40.088 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

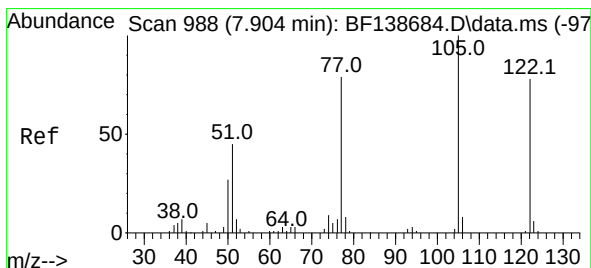
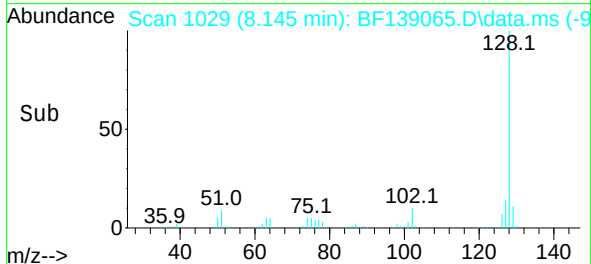
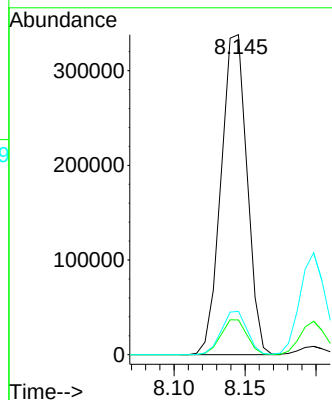
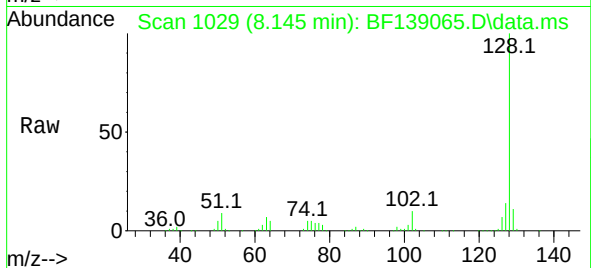
Tgt Ion:128 Resp: 430481

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.5 10.6 16.0



#32

Benzoic acid

Concen: 33.120 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.041 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

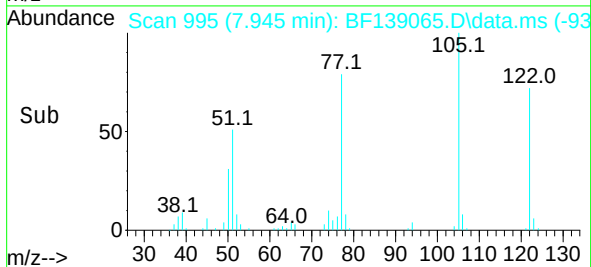
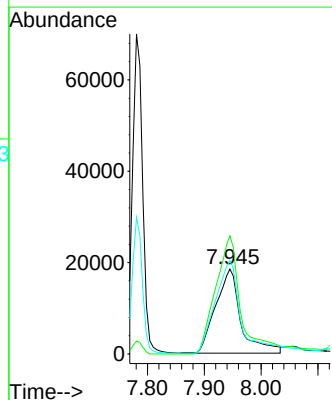
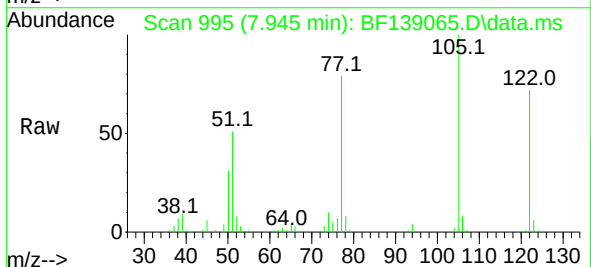
Tgt Ion:122 Resp: 56904

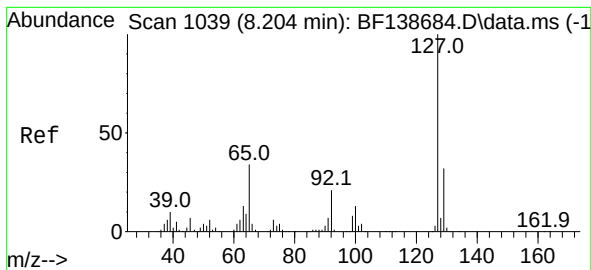
Ion Ratio Lower Upper

122 100

105 139.4 106.7 146.7

77 110.3 81.1 121.1





#33

4-Chloroaniline

Concen: 39.263 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 141530

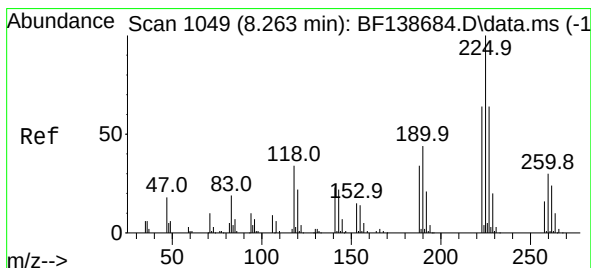
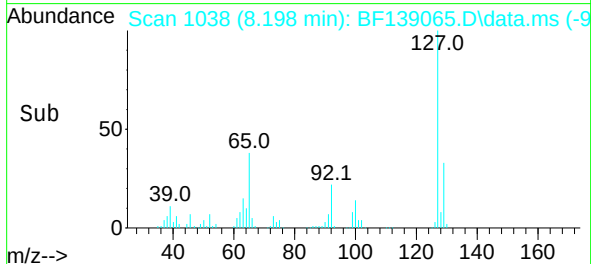
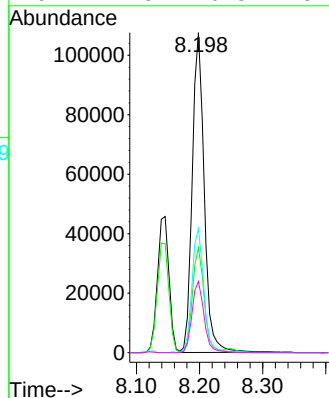
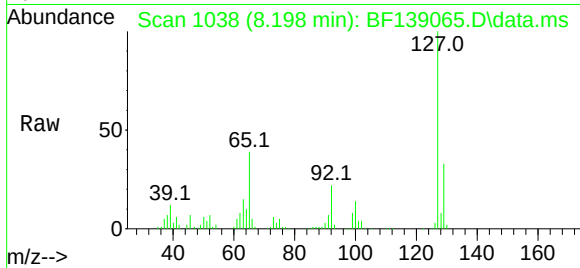
Ion Ratio Lower Upper

127 100

129 32.9 25.9 38.9

65 38.8 27.6 41.4

92 22.3 16.8 25.2



#34

Hexachlorobutadiene

Concen: 42.731 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

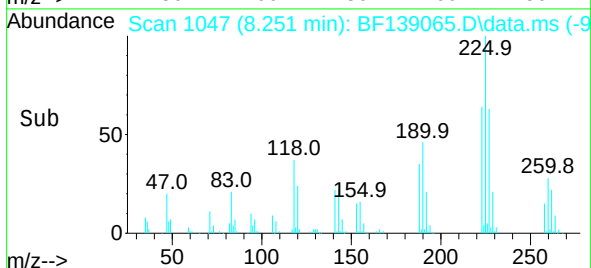
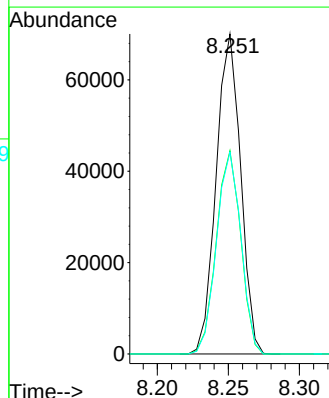
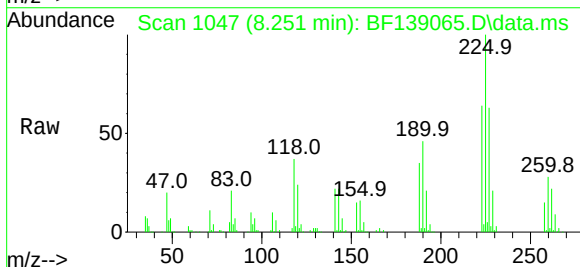
Tgt Ion:225 Resp: 83889

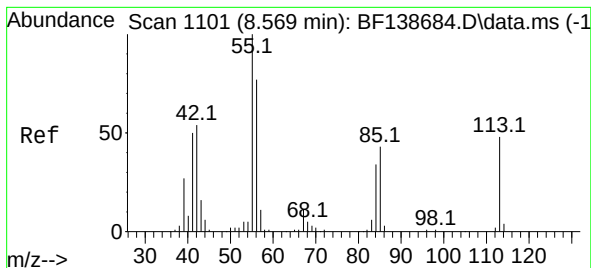
Ion Ratio Lower Upper

225 100

223 63.5 51.2 76.8

227 63.1 51.1 76.7





#35

Caprolactam

Concen: 41.907 ng

RT: 8.581 min Scan# 1103

Delta R.T. 0.012 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

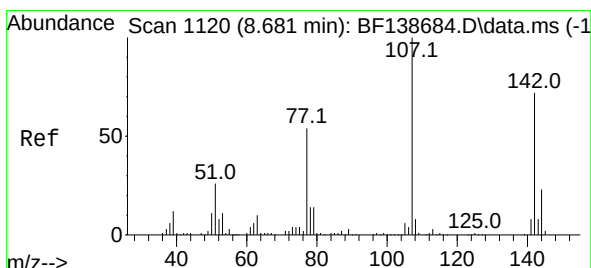
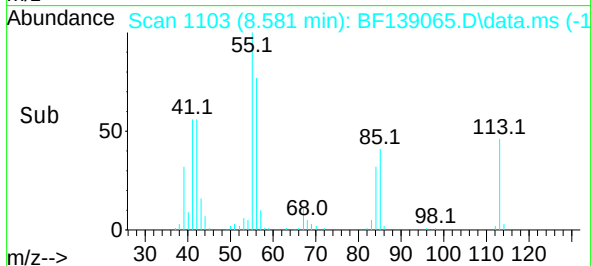
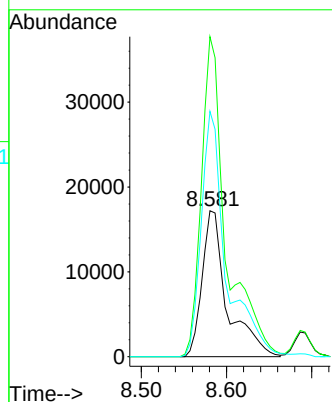
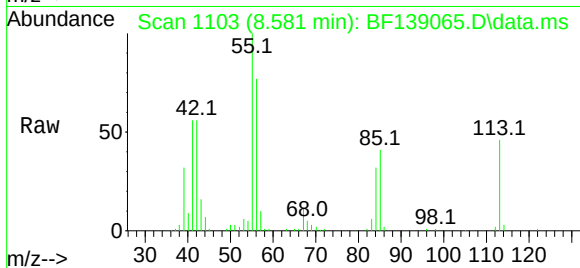
Tgt Ion:113 Resp: 35120

Ion Ratio Lower Upper

113 100

55 219.3 186.7 226.7

56 168.0 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 42.305 ng

RT: 8.686 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

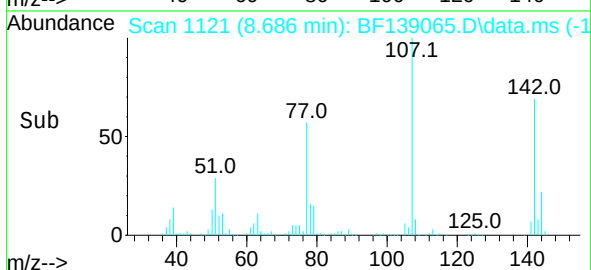
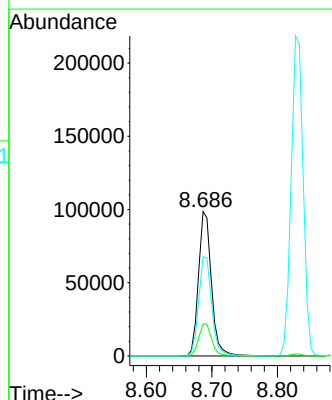
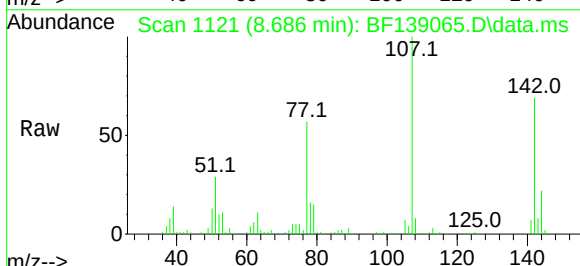
Tgt Ion:107 Resp: 135791

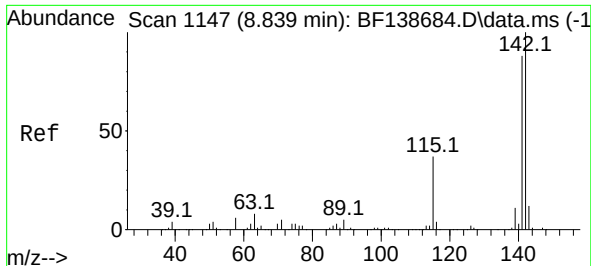
Ion Ratio Lower Upper

107 100

144 22.3 18.2 27.2

142 68.8 57.4 86.2





#37

2-Methylnaphthalene

Concen: 40.974 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

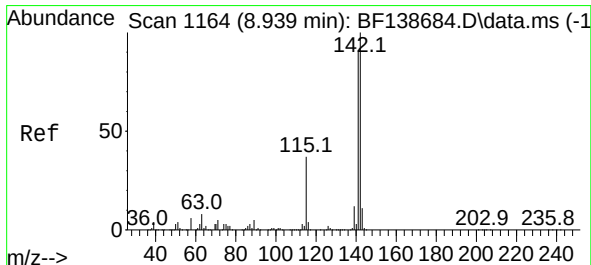
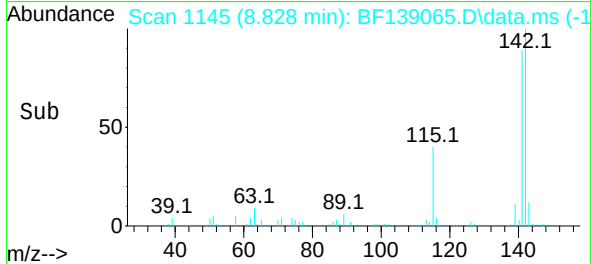
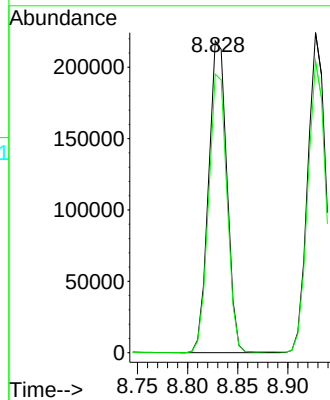
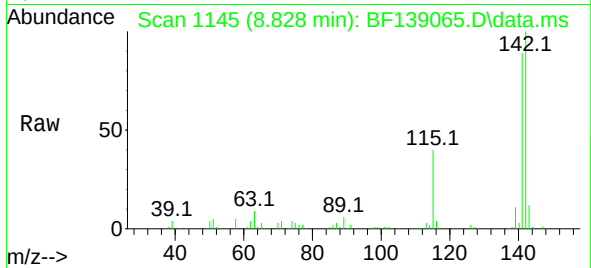
SSTDCCC040

Tgt Ion:142 Resp: 277884

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 41.451 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139065.D

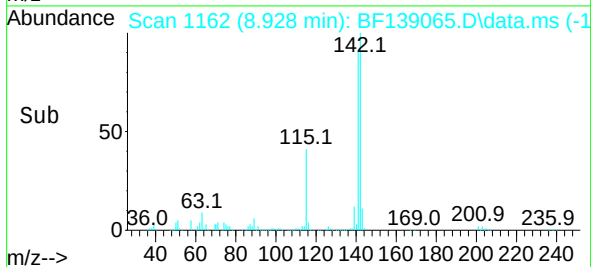
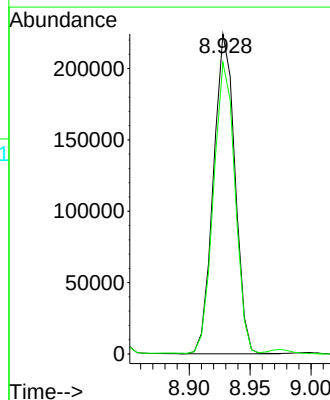
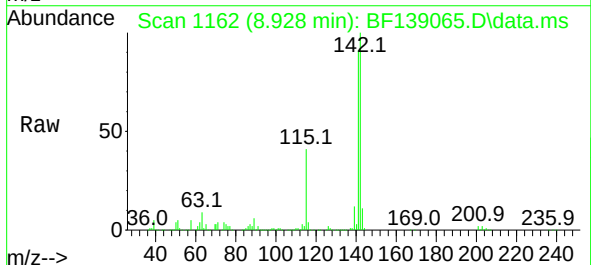
Acq: 19 Aug 2024 09:41

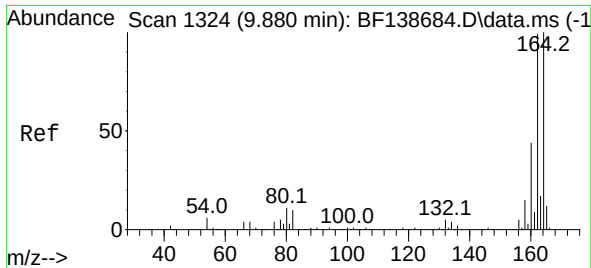
Tgt Ion:142 Resp: 275470

Ion Ratio Lower Upper

142 100

141 91.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

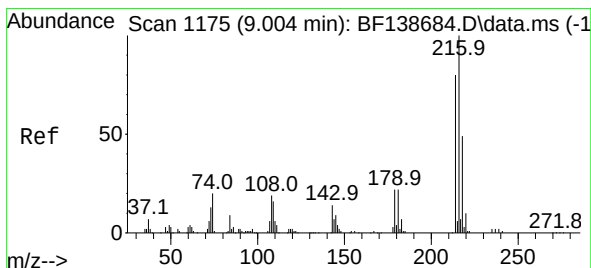
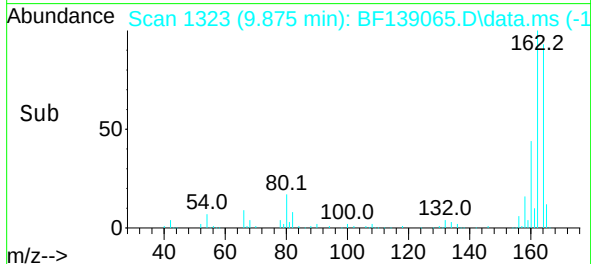
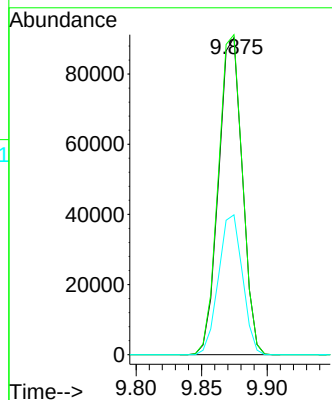
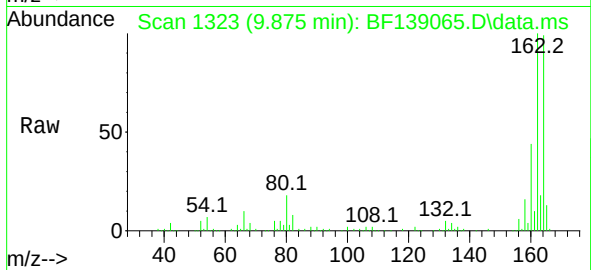
Tgt Ion:164 Resp: 113932

Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.0

160 44.1 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.112 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Tgt Ion:216 Resp: 130116

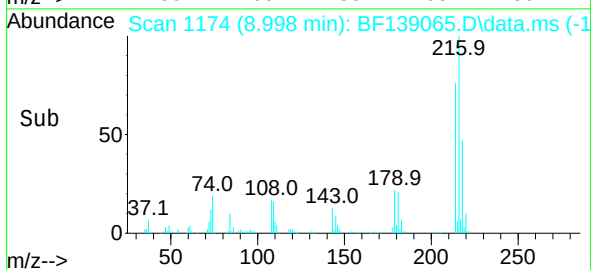
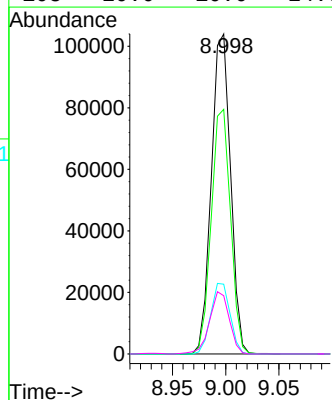
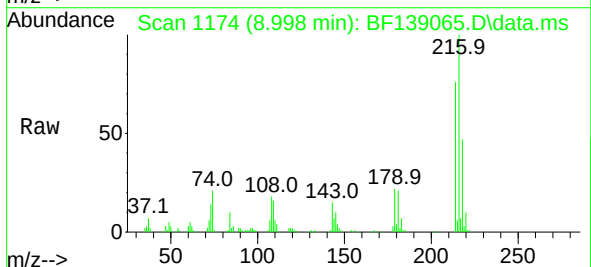
Ion Ratio Lower Upper

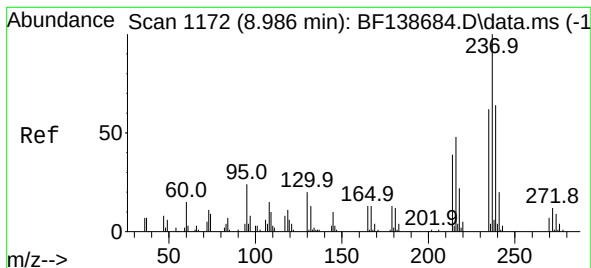
216 100

214 76.8 63.9 95.9

179 22.2 17.8 26.6

108 20.0 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 36.064 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.011 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

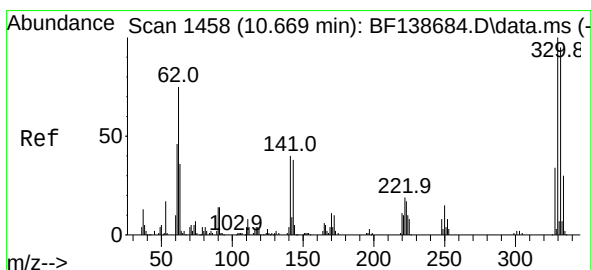
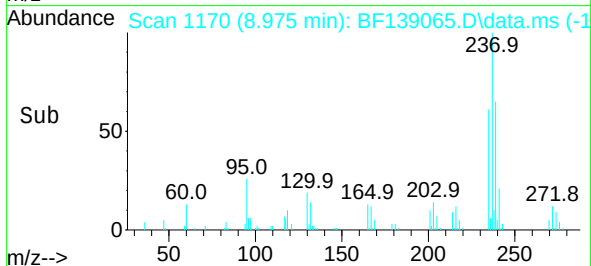
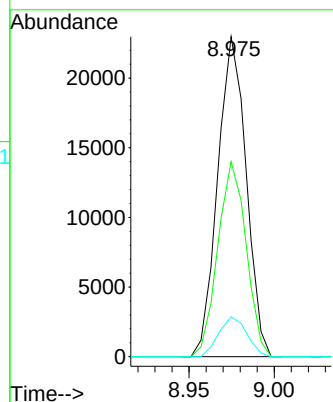
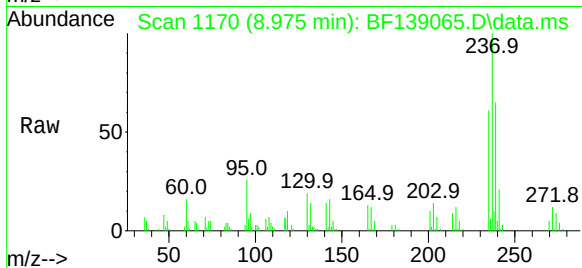
Tgt Ion:237 Resp: 26700

Ion Ratio Lower Upper

237 100

235 60.9 41.8 81.8

272 12.5 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 79.583 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

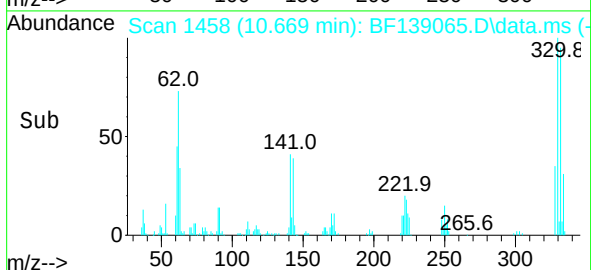
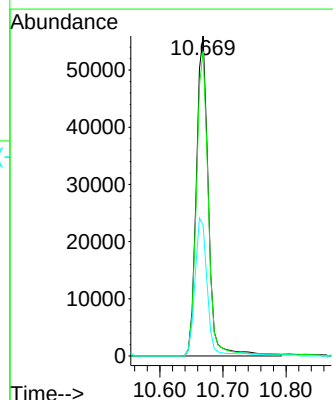
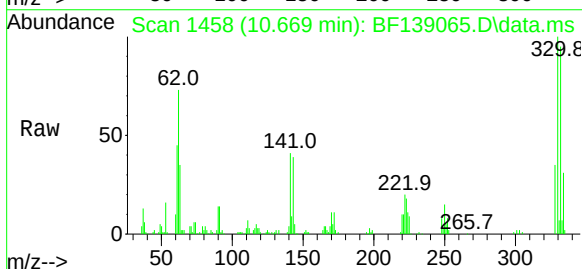
Tgt Ion:330 Resp: 74271

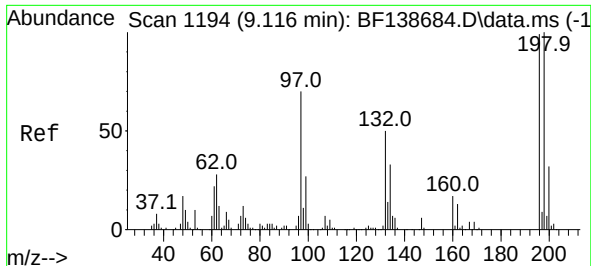
Ion Ratio Lower Upper

330 100

332 94.8 76.4 114.6

141 42.8 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 39.035 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

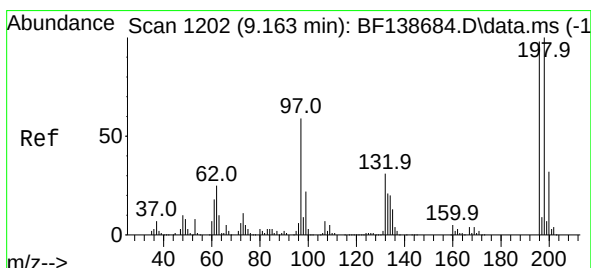
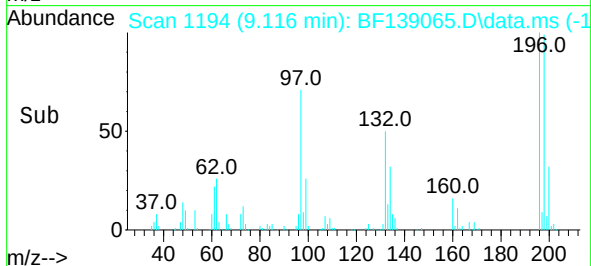
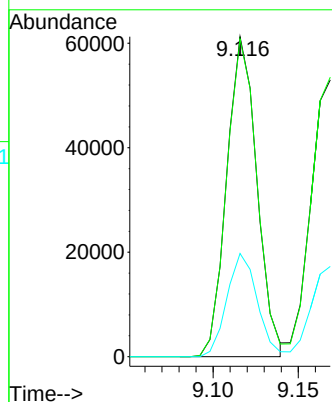
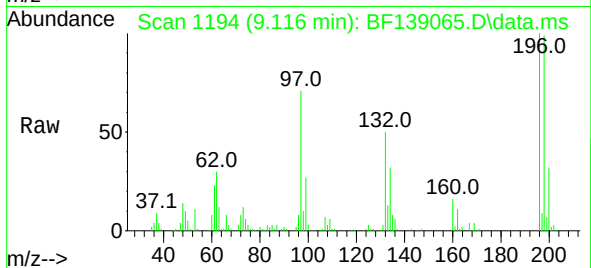
Tgt Ion:196 Resp: 75324

Ion Ratio Lower Upper

196 100

198 99.3 80.5 120.7

200 32.3 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 39.912 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Tgt Ion:196 Resp: 84196

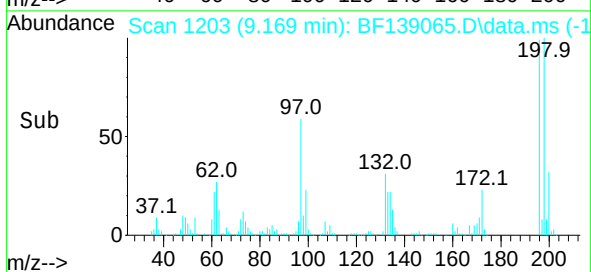
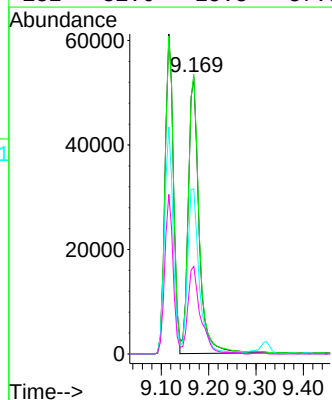
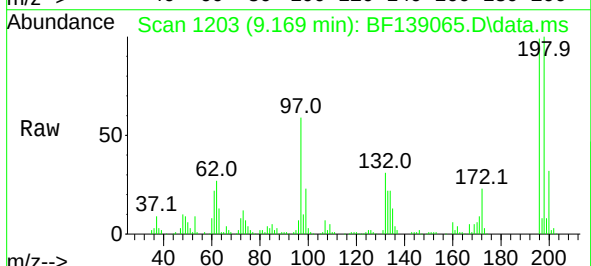
Ion Ratio Lower Upper

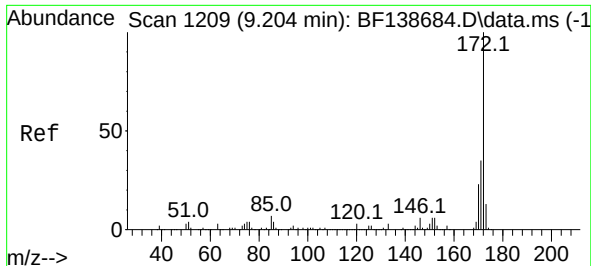
196 100

198 101.0 81.2 121.8

97 59.6 47.8 71.6

132 31.6 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 83.926 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

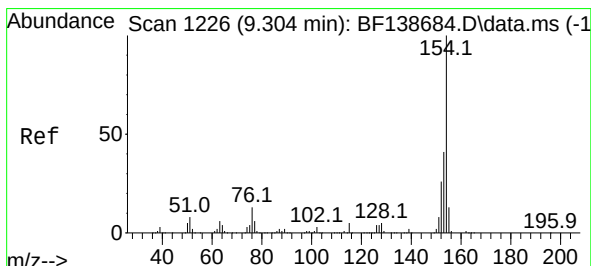
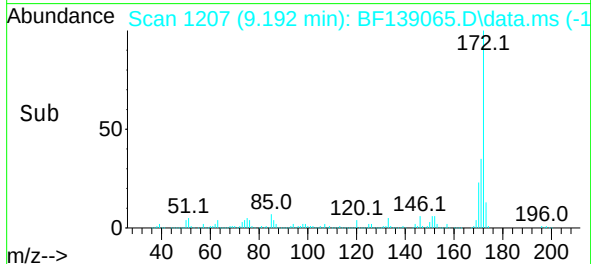
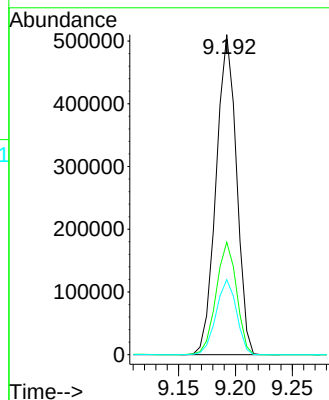
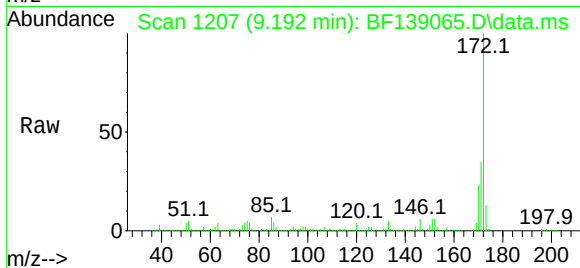
Tgt Ion:172 Resp: 636396

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.983 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

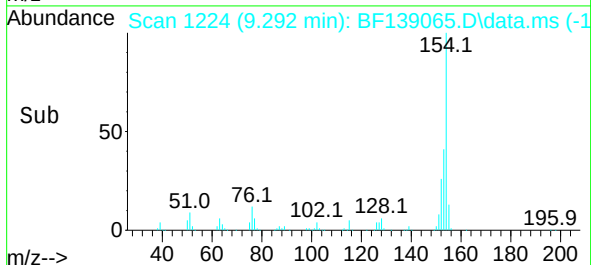
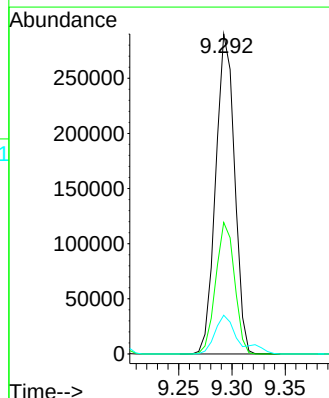
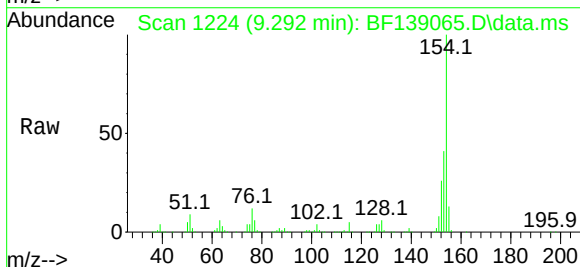
Tgt Ion:154 Resp: 356764

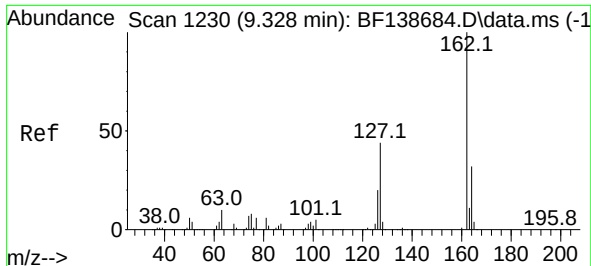
Ion Ratio Lower Upper

154 100

153 41.1 20.8 60.8

76 12.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.812 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

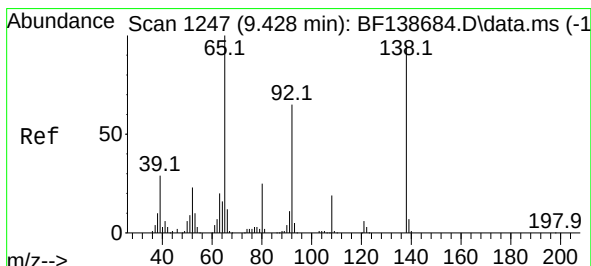
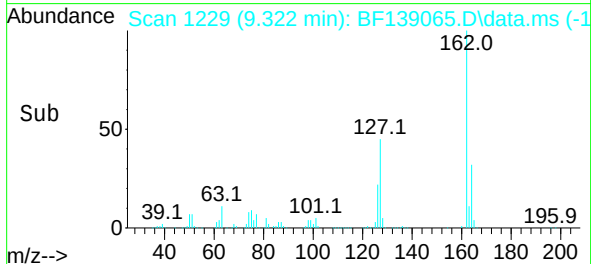
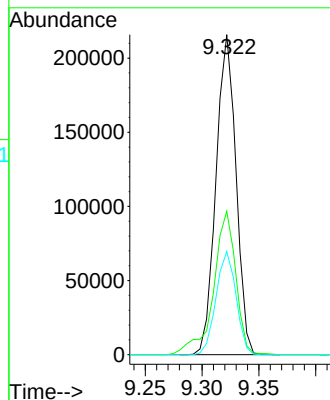
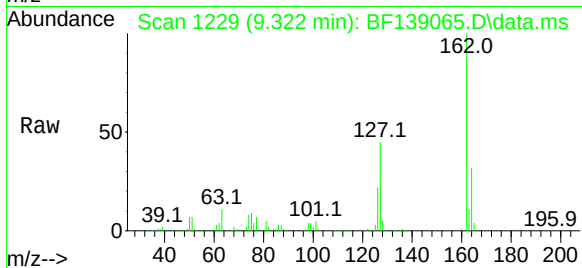
Tgt Ion:162 Resp: 264203

Ion Ratio Lower Upper

162 100

127 44.9 35.4 53.2

164 32.3 25.6 38.4



#48

2-Nitroaniline

Concen: 41.936 ng

RT: 9.428 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

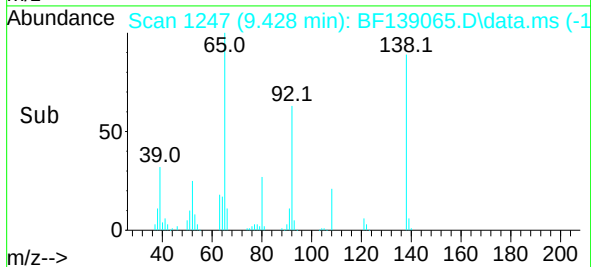
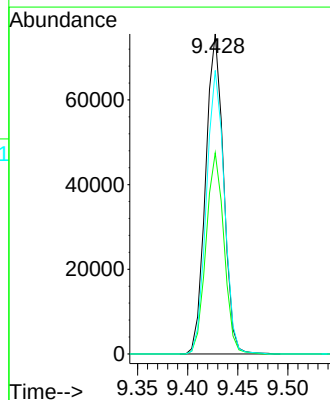
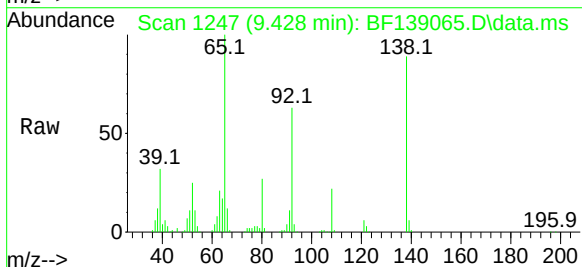
Tgt Ion: 65 Resp: 94348

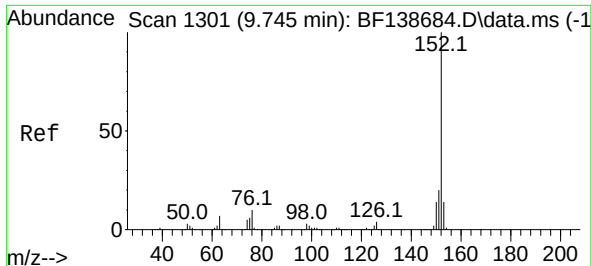
Ion Ratio Lower Upper

65 100

92 62.8 52.0 78.0

138 88.6 76.2 114.4





#49

Acenaphthylene

Concen: 39.365 ng

RT: 9.733 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

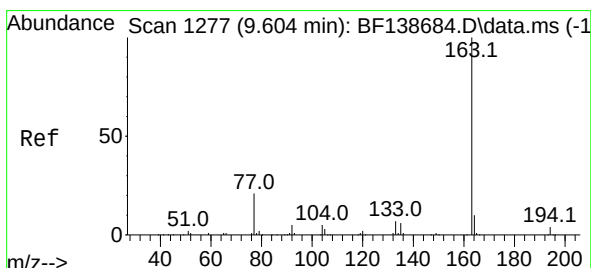
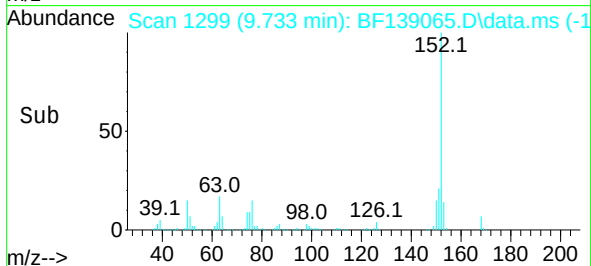
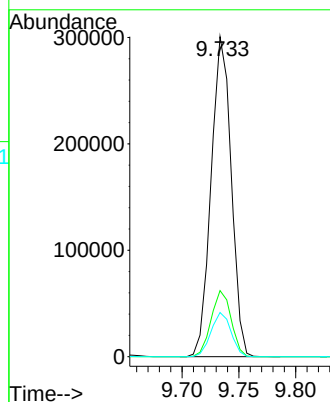
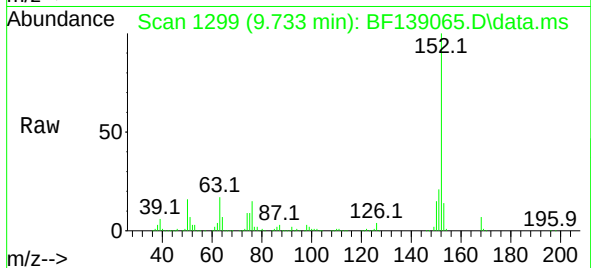
Tgt Ion:152 Resp: 370513

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 13.8 11.0 16.4



#50

Dimethylphthalate

Concen: 41.703 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

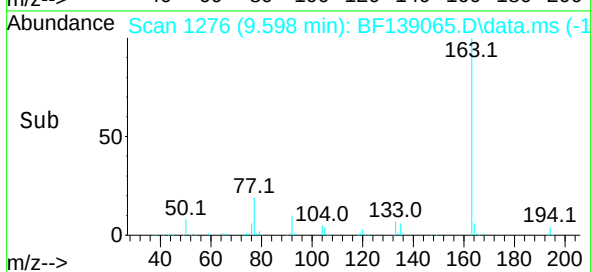
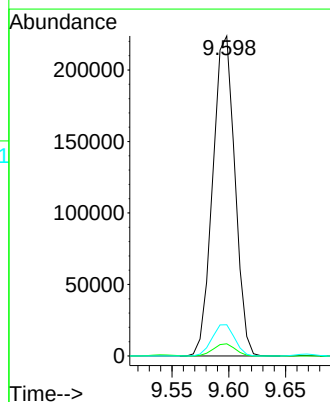
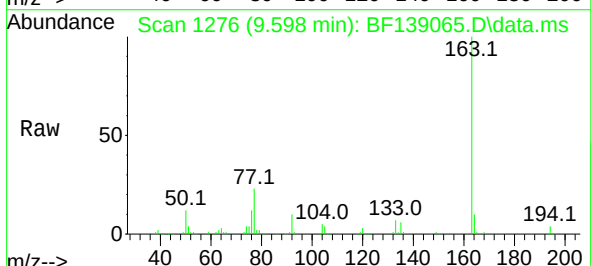
Tgt Ion:163 Resp: 303803

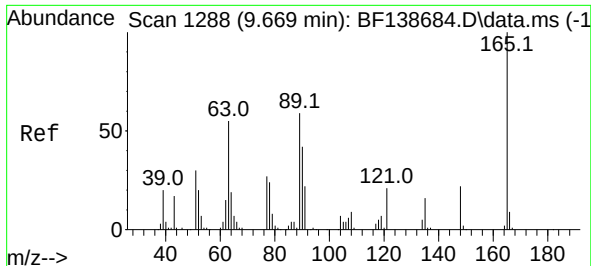
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.8 7.8 11.8

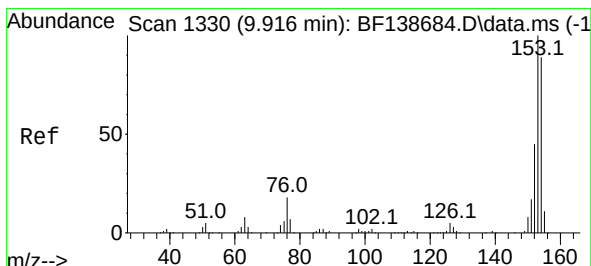
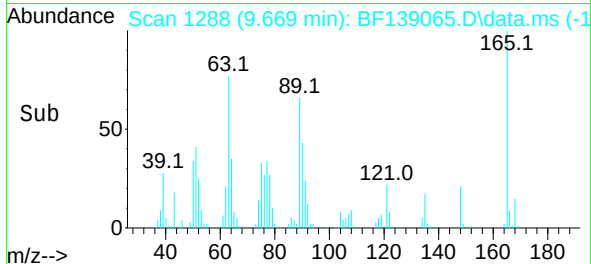
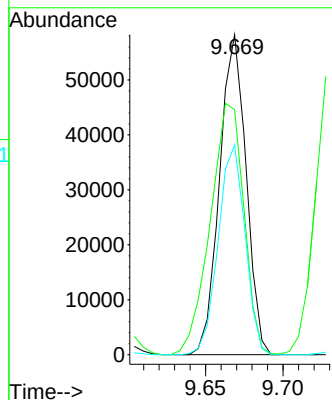
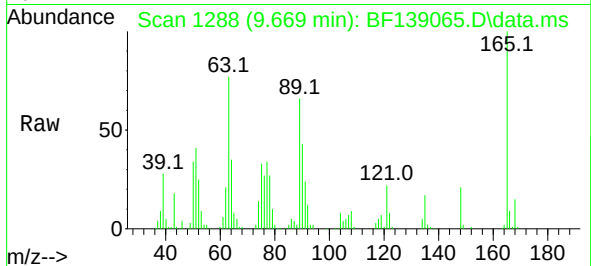




#51
2,6-Dinitrotoluene
Concen: 42.121 ng
RT: 9.669 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

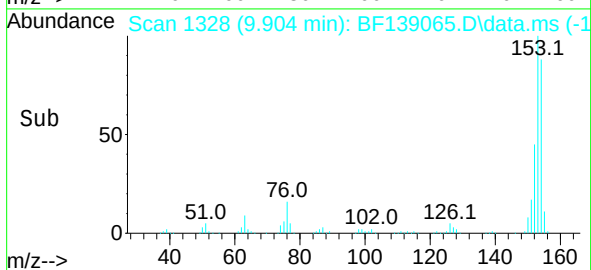
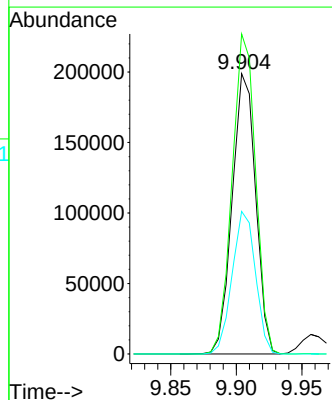
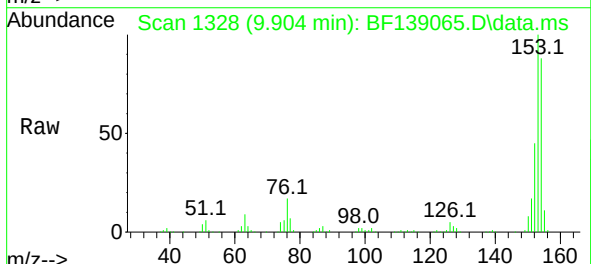
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

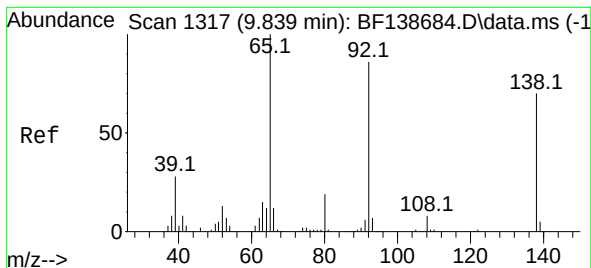
Tgt Ion:165 Resp: 69250
Ion Ratio Lower Upper
165 100
63 76.5 52.0 78.0
89 65.5 47.0 70.6



#52
Acenaphthene
Concen: 39.177 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion:154 Resp: 247879
Ion Ratio Lower Upper
154 100
153 114.2 89.9 134.9
152 50.9 40.6 60.8





#53

3-Nitroaniline

Concen: 39.403 ng

RT: 9.839 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

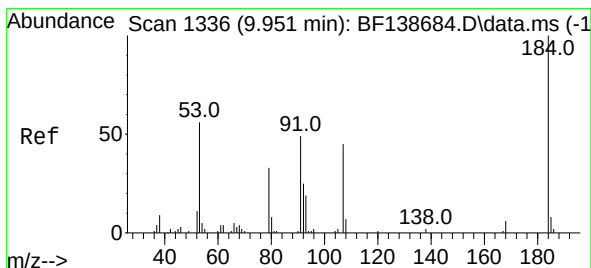
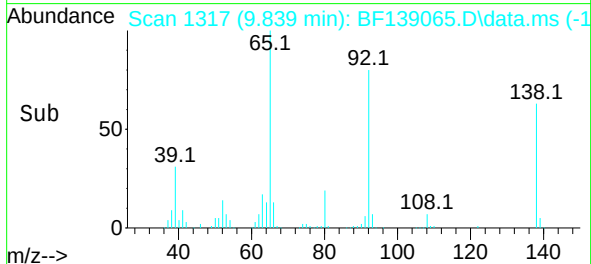
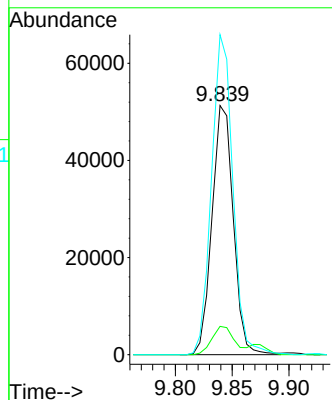
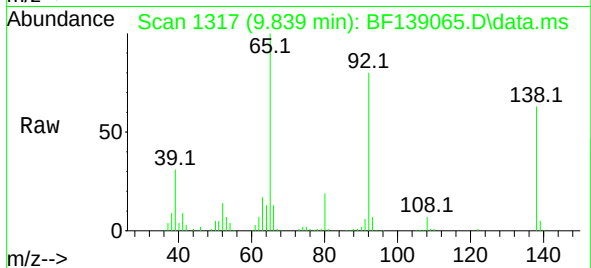
Tgt Ion:138 Resp: 66969

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

92 128.5 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 38.379 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

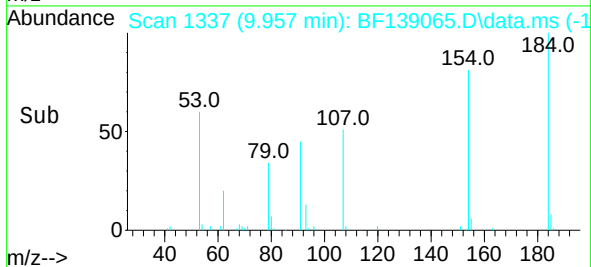
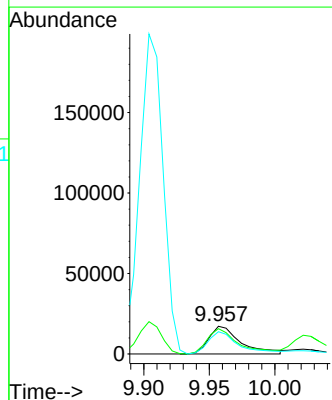
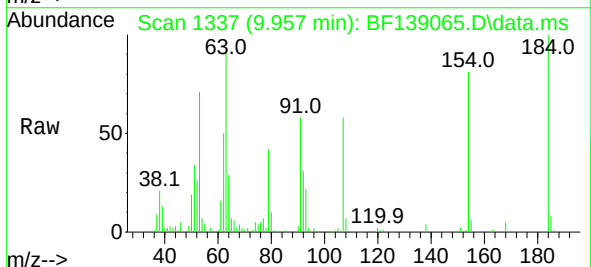
Tgt Ion:184 Resp: 29046

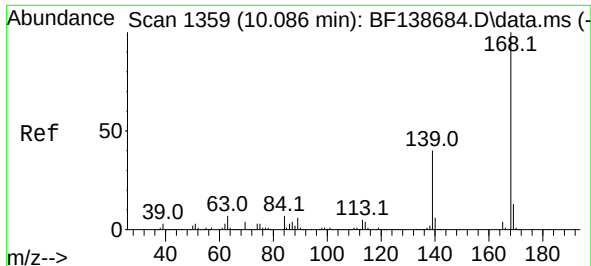
Ion Ratio Lower Upper

184 100

63 91.2 57.5 86.3#

154 80.6 51.7 77.5#

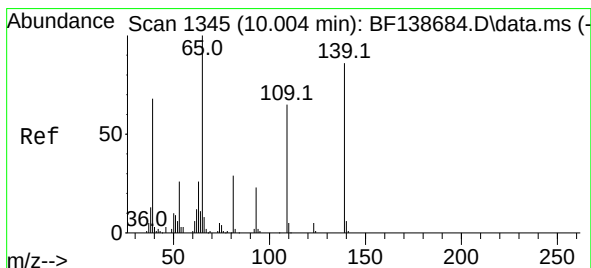
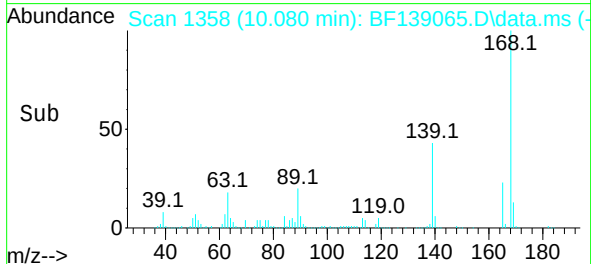
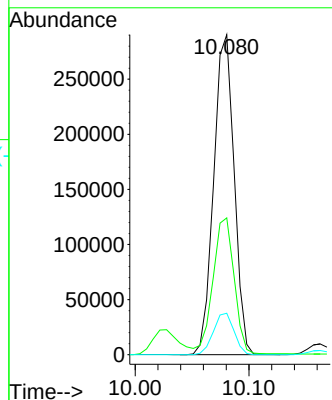
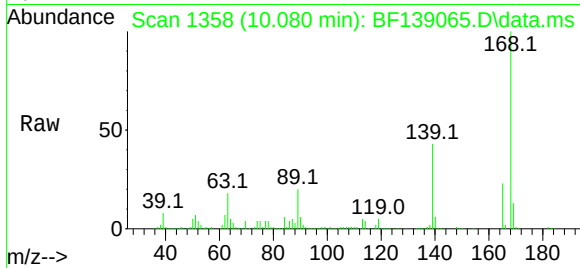




#55
Dibenzenofuran
Concen: 40.683 ng
RT: 10.080 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

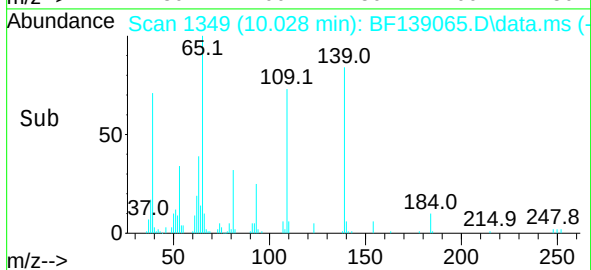
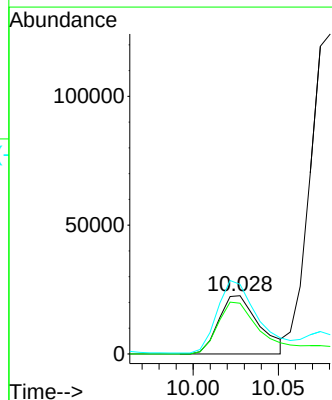
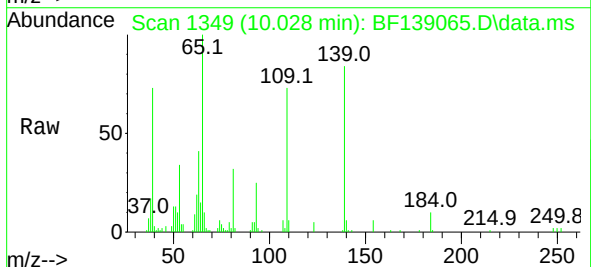
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

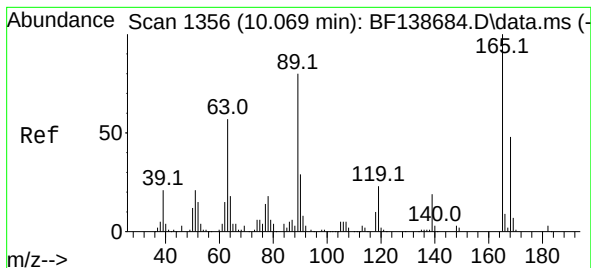
Tgt Ion:168 Resp: 363358
Ion Ratio Lower Upper
168 100
139 42.8 32.6 49.0
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 36.421 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion:139 Resp: 37224
Ion Ratio Lower Upper
139 100
109 87.1 55.5 95.5
65 119.5 96.7 136.7

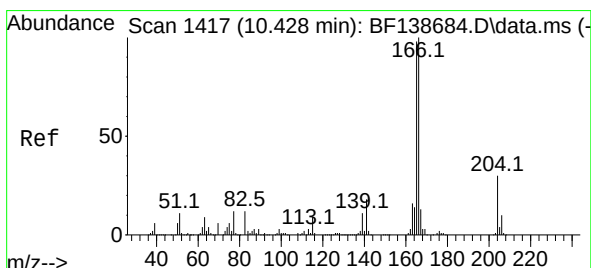
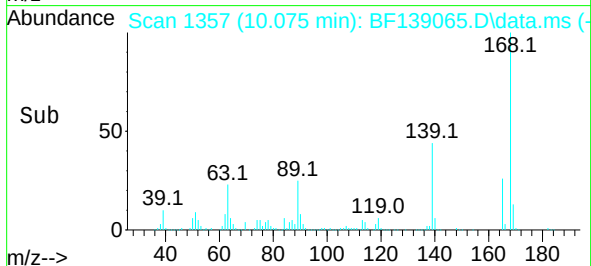
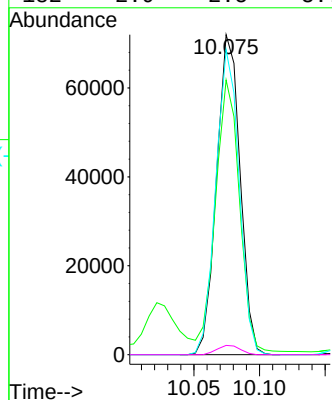
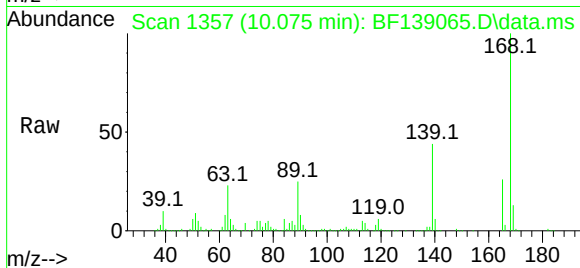




#57
2,4-Dinitrotoluene
Concen: 42.780 ng
RT: 10.075 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

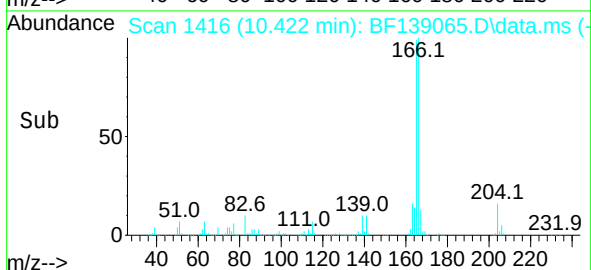
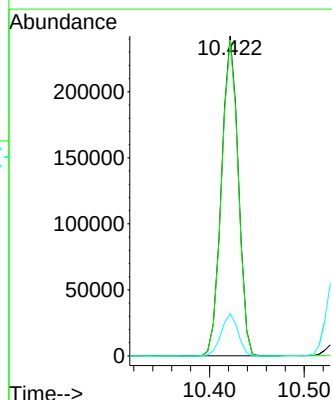
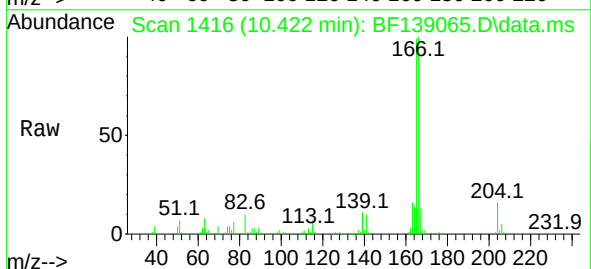
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

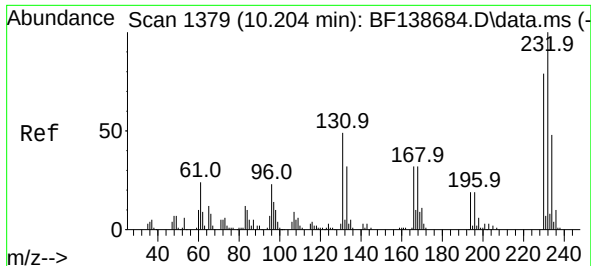
Tgt Ion:165 Resp: 89734
Ion Ratio Lower Upper
165 100
63 85.8 46.3 69.5#
89 95.3 64.2 96.4
182 2.9 2.5 3.7



#58
Fluorene
Concen: 41.802 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion:166 Resp: 297308
Ion Ratio Lower Upper
166 100
165 98.7 78.4 117.6
167 13.2 10.6 16.0



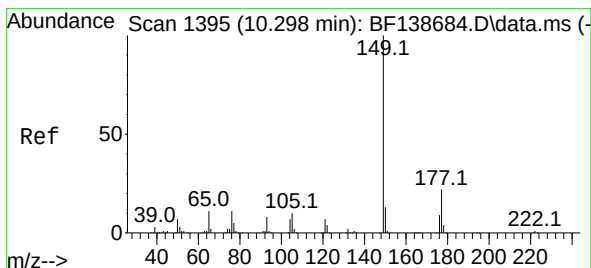
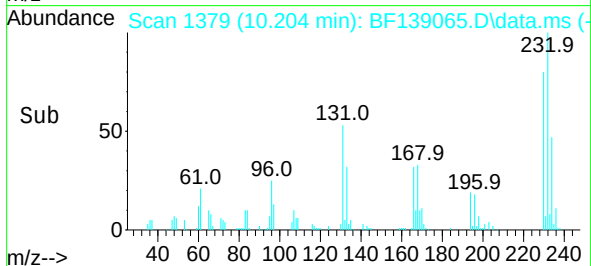
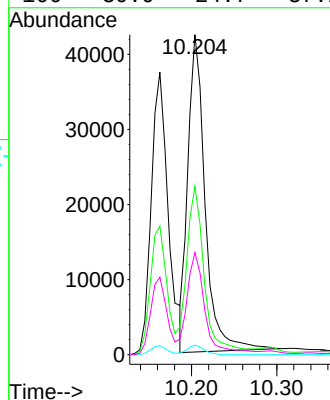
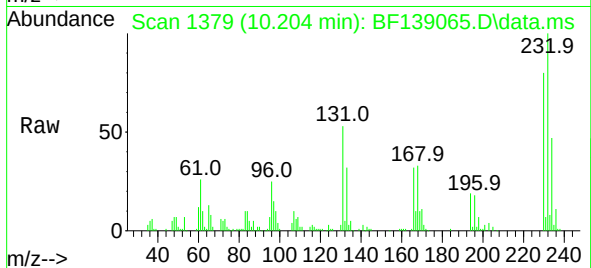


#59
2,3,4,6-Tetrachlorophenol
Concen: 36.914 ng
RT: 10.204 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 59534

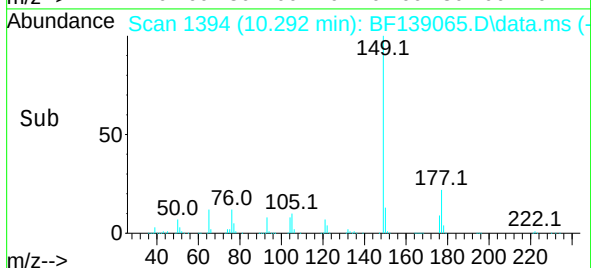
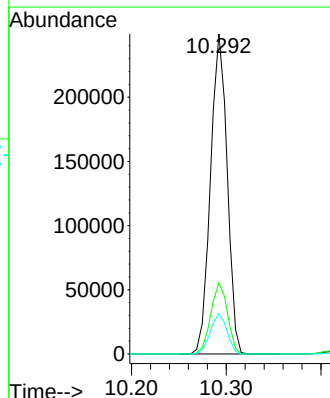
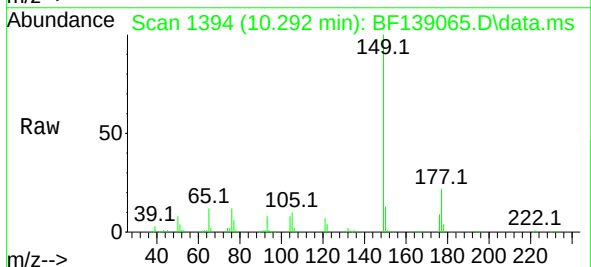
Ion	Ratio	Lower	Upper
232	100		
131	54.1	37.0	55.4
130	3.0	2.0	3.0
166	30.9	24.7	37.1

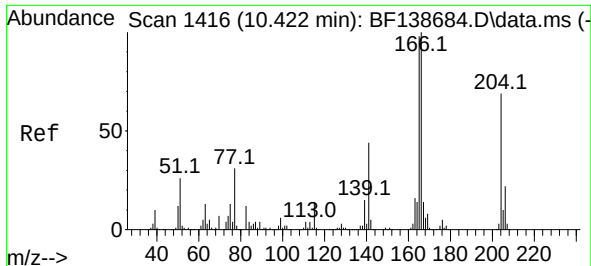


#60
Diethylphthalate
Concen: 43.983 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion:149 Resp: 303810

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.8	26.8
150	12.5	10.1	15.1

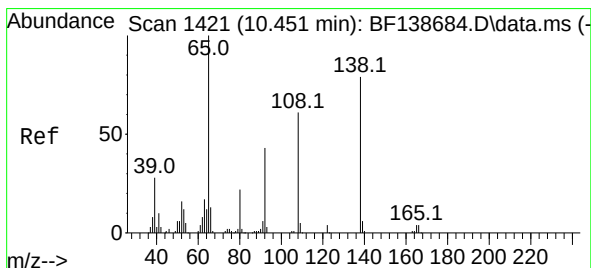
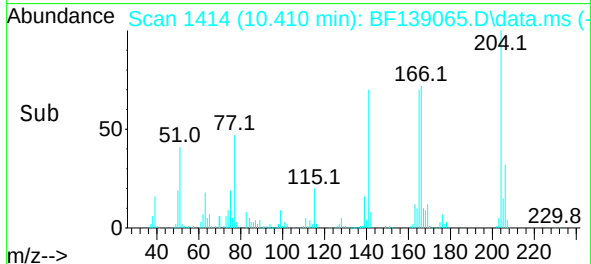
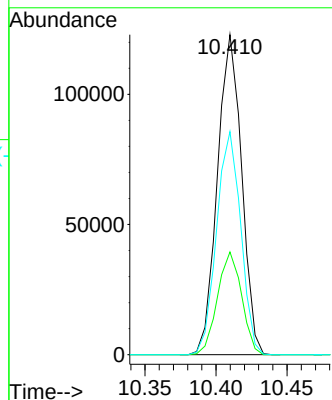
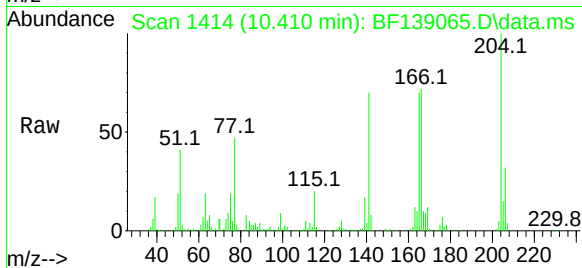




#61
4-Chlorophenyl-phenylether
Concen: 41.664 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

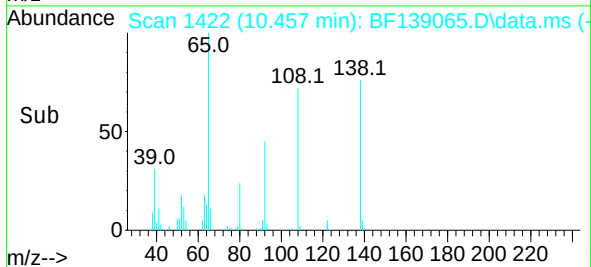
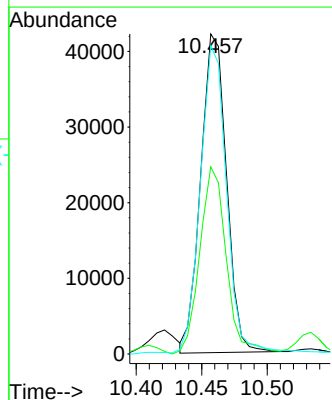
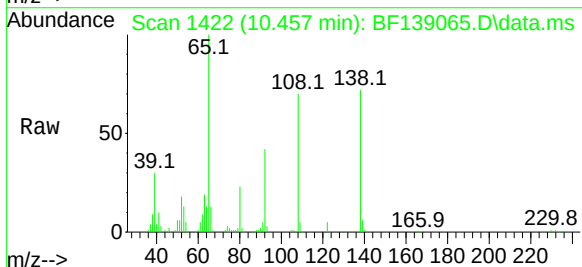
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

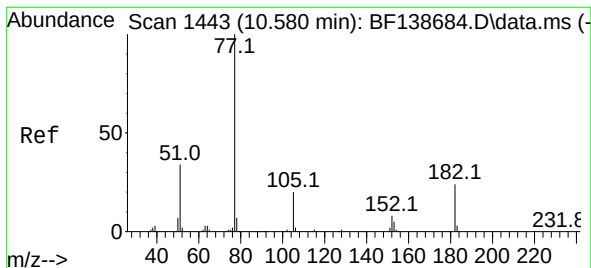
Tgt Ion:204 Resp: 145741
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 69.7 51.4 77.0



#62
4-Nitroaniline
Concen: 35.760 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion:138 Resp: 57759
Ion Ratio Lower Upper
138 100
92 58.5 34.2 74.2
108 96.3 56.2 96.2#





#63

Azobenzene

Concen: 41.240 ng

RT: 10.569 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 315936

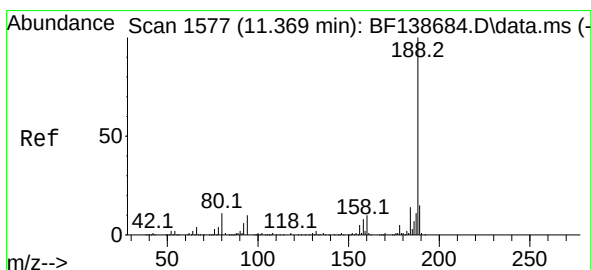
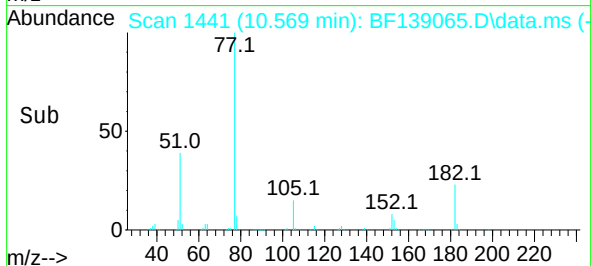
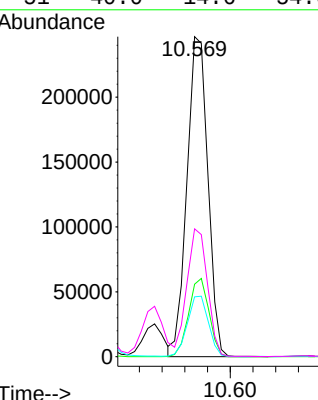
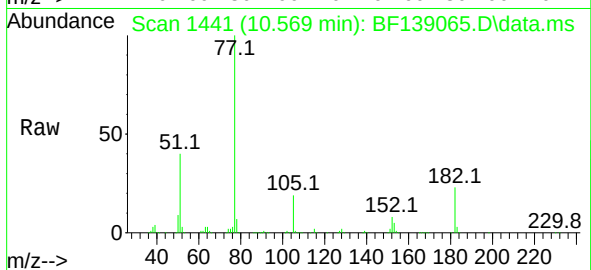
Ion Ratio Lower Upper

77 100

182 22.7 3.4 43.4

105 18.7 0.2 40.2

51 40.0 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: BF139065.D

Acq: 19 Aug 2024 09:41

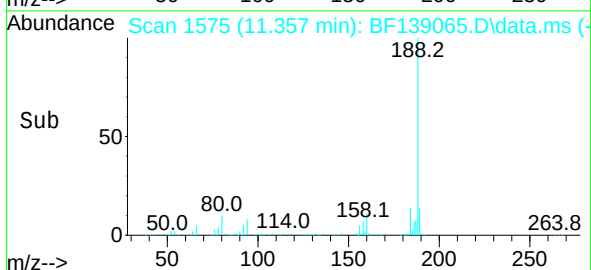
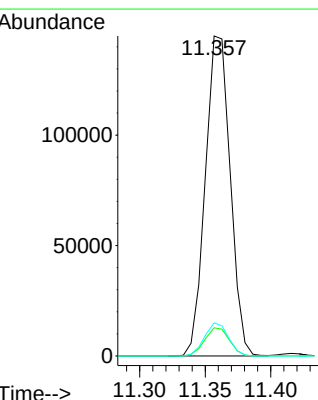
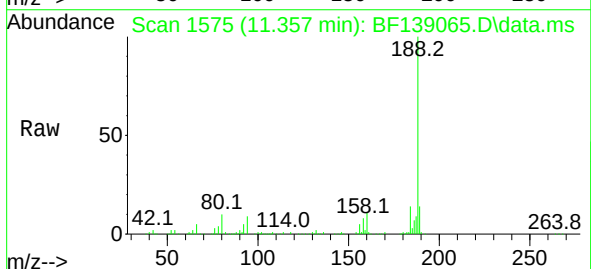
Tgt Ion: 188 Resp: 191441

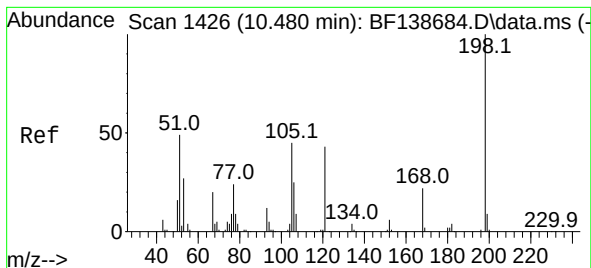
Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 10.3 8.6 12.8

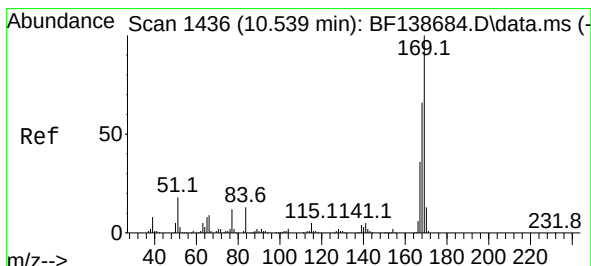
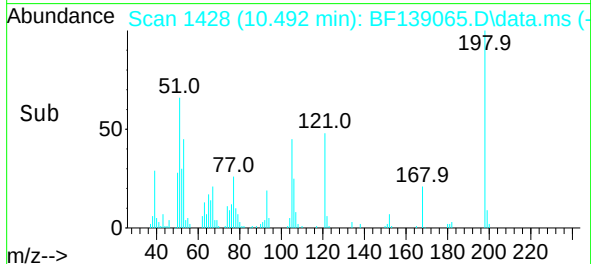
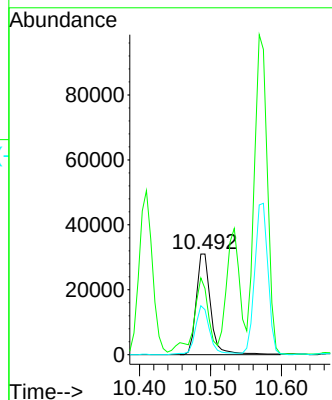
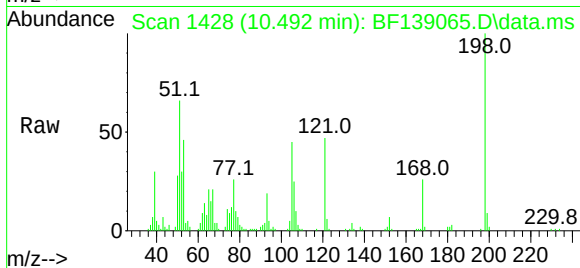




#65
4,6-Dinitro-2-methylphenol
Concen: 37.710 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

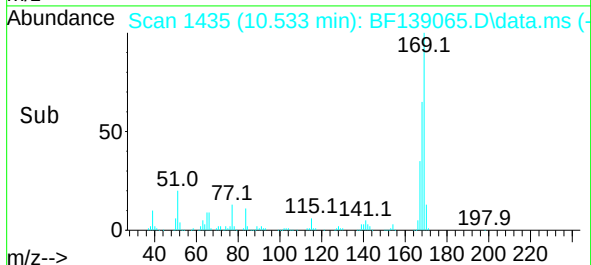
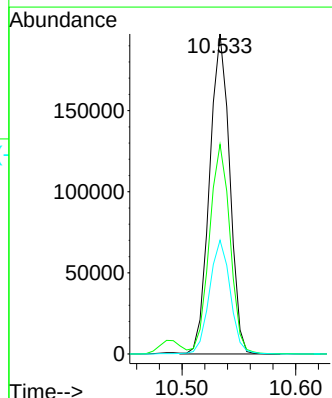
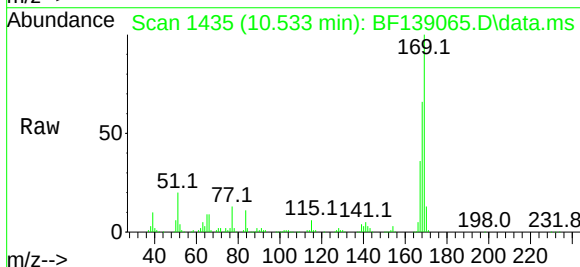
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

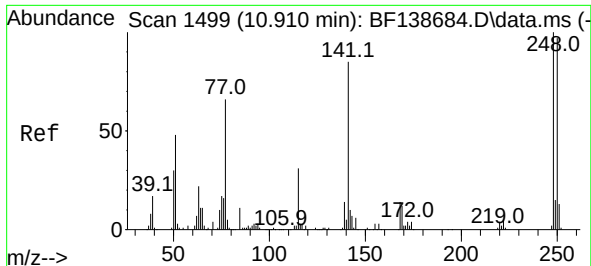
Tgt Ion:198 Resp: 44043
Ion Ratio Lower Upper
198 100
51 65.7 39.9 79.9
105 44.7 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 40.616 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion:169 Resp: 243049
Ion Ratio Lower Upper
169 100
168 65.5 53.0 79.6
167 35.6 29.0 43.6

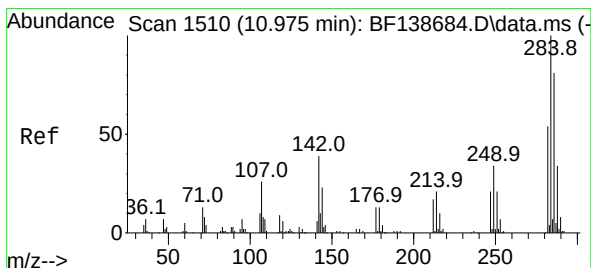
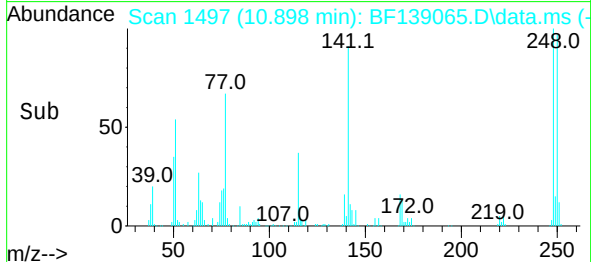
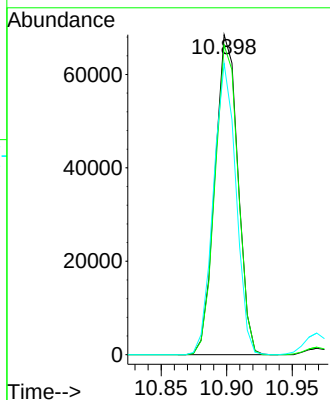
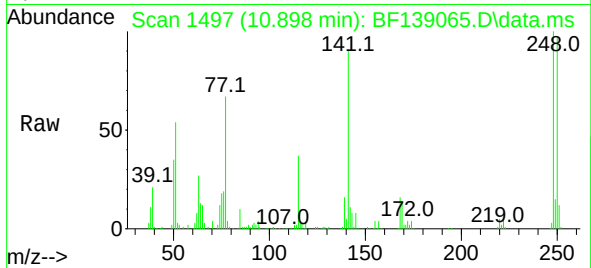




#67
4-Bromophenyl-phenylether
Concen: 40.275 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

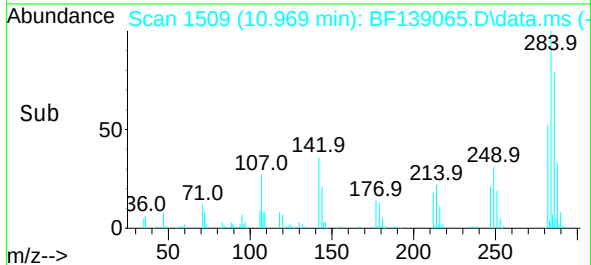
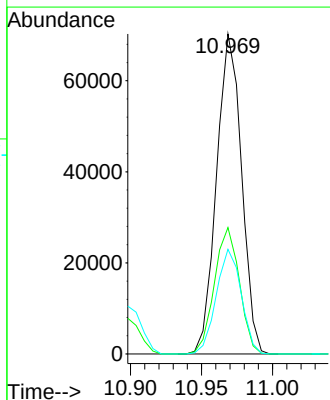
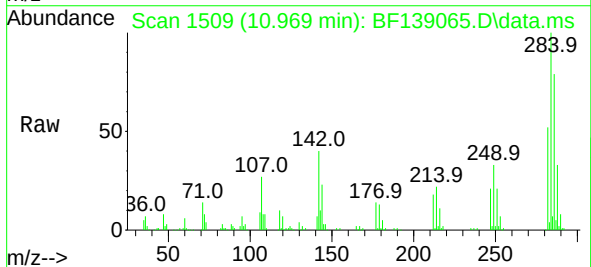
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

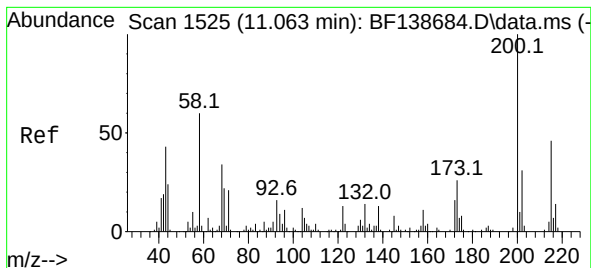
Tgt Ion:248 Resp: 83479
Ion Ratio Lower Upper
248 100
250 96.8 77.7 116.5
141 91.0 68.0 102.0



#68
Hexachlorobenzene
Concen: 40.156 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion:284 Resp: 85938
Ion Ratio Lower Upper
284 100
142 39.5 31.3 46.9
249 32.7 27.2 40.8





#69

Atrazine

Concen: 31.765 ng

RT: 11.057 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

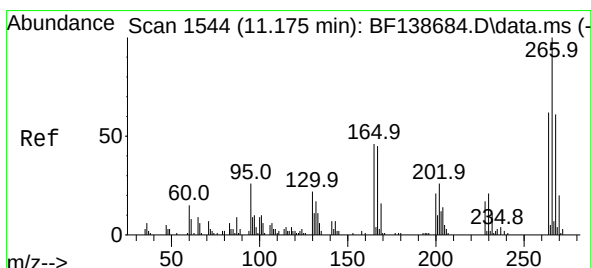
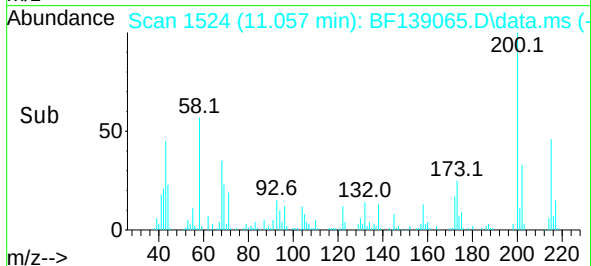
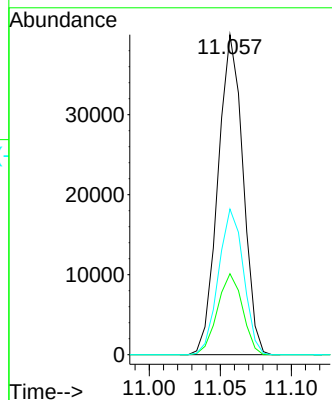
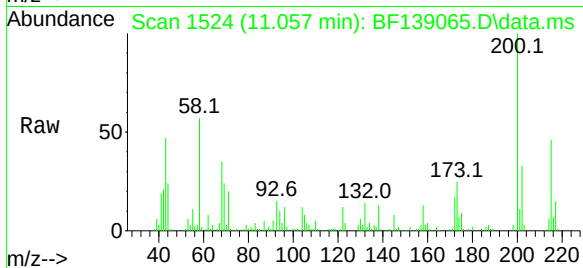
Tgt Ion:200 Resp: 49041

Ion Ratio Lower Upper

200 100

173 25.3 6.0 46.0

215 45.5 26.1 66.1



#70

Pentachlorophenol

Concen: 32.067 ng

RT: 11.174 min Scan# 1544

Delta R.T. -0.001 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

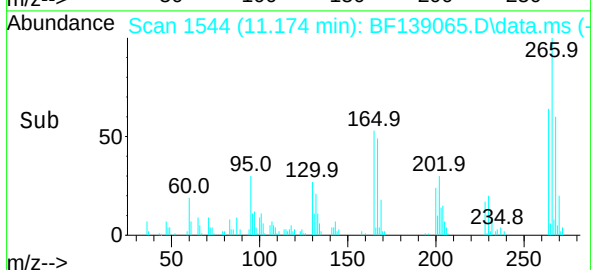
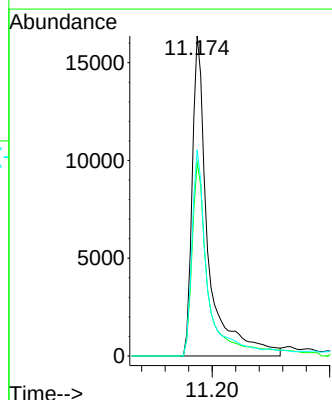
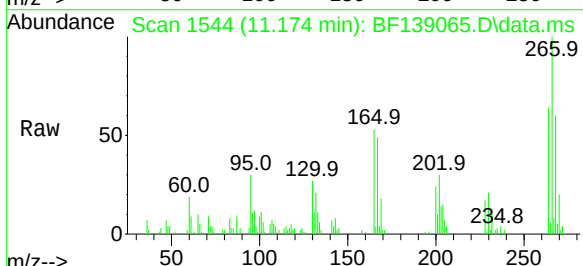
Tgt Ion:266 Resp: 30933

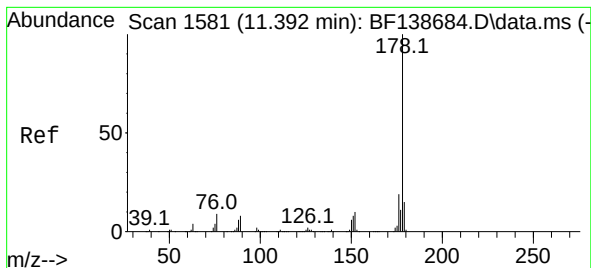
Ion Ratio Lower Upper

266 100

268 60.4 49.2 73.8

264 64.5 49.8 74.6





#71

Phenanthrene

Concen: 39.375 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

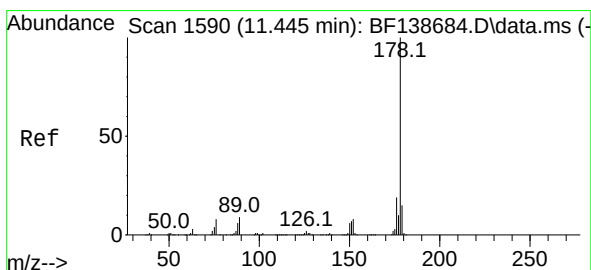
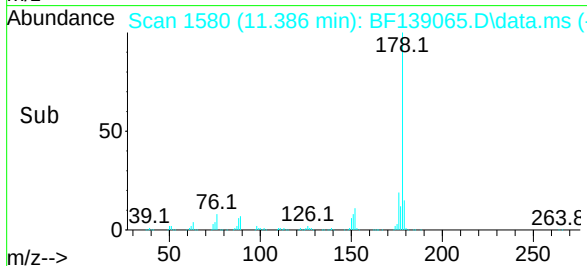
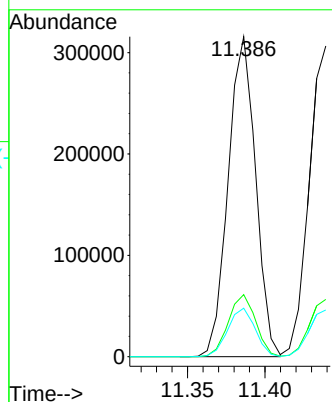
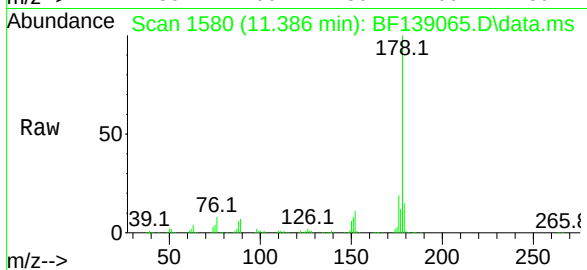
Tgt Ion:178 Resp: 388143

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.1 12.2 18.2



#72

Anthracene

Concen: 39.588 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

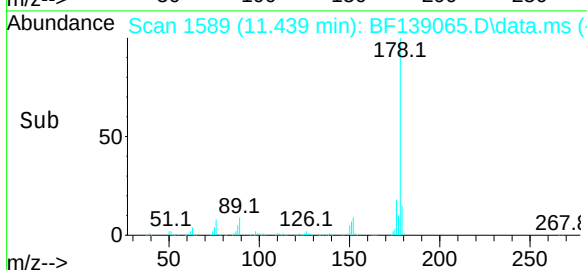
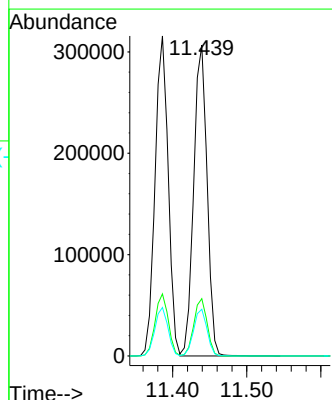
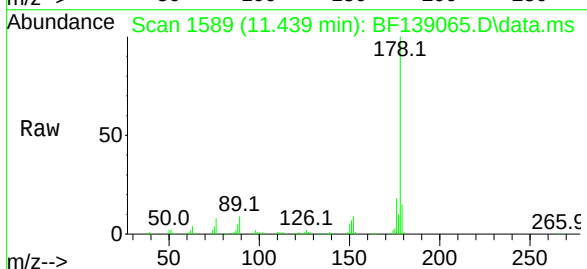
Tgt Ion:178 Resp: 384448

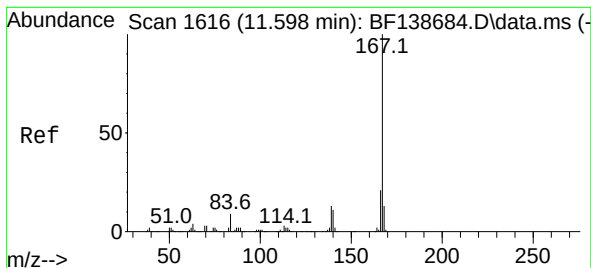
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.0 12.4 18.6





#73

Carbazole

Concen: 38.956 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139065.D

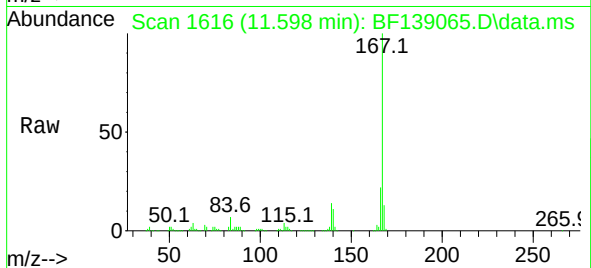
Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



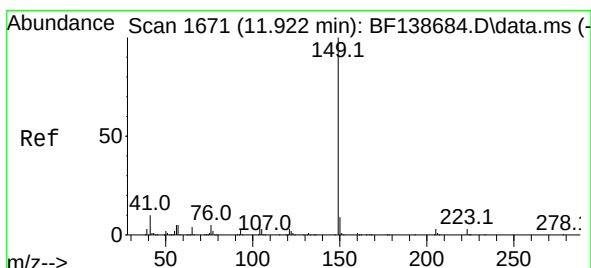
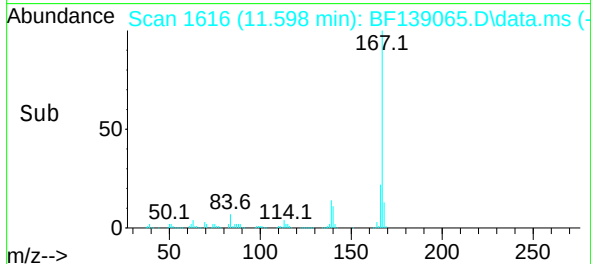
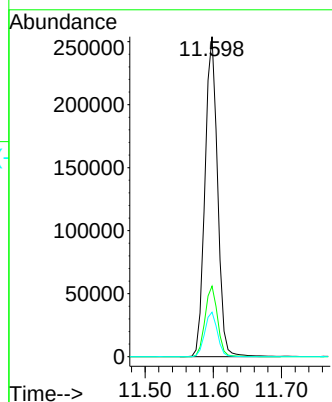
Tgt Ion:167 Resp: 326386

Ion Ratio Lower Upper

167 100

166 22.1 17.2 25.8

139 13.9 10.6 16.0



#74

Di-n-butylphthalate

Concen: 45.052 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.012 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

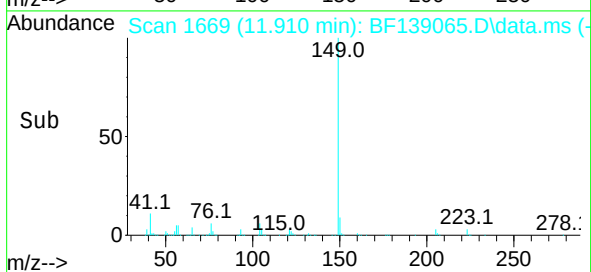
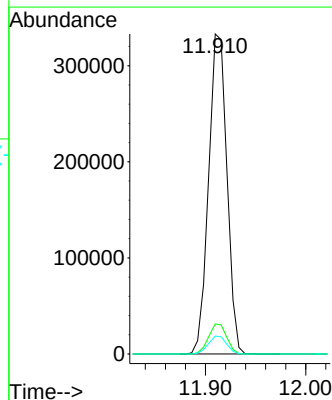
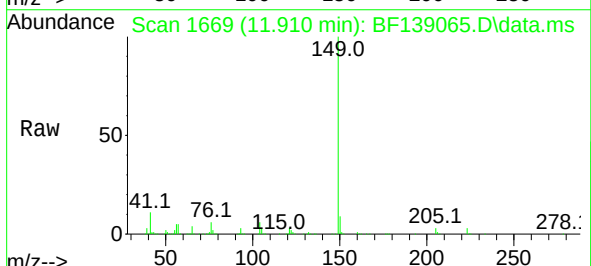
Tgt Ion:149 Resp: 424324

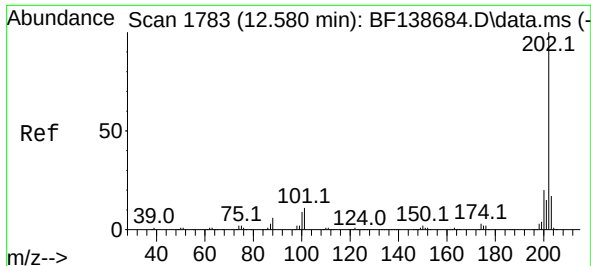
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.6 4.1 6.1





#75

Fluoranthene

Concen: 38.509 ng

RT: 12.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

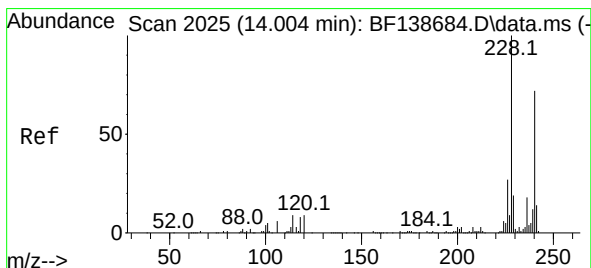
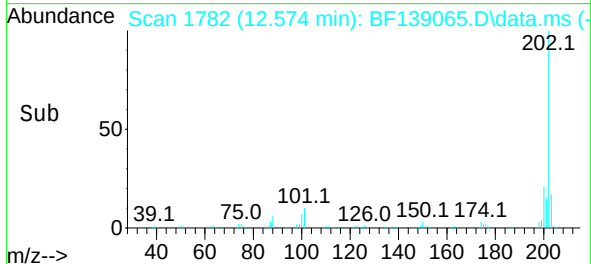
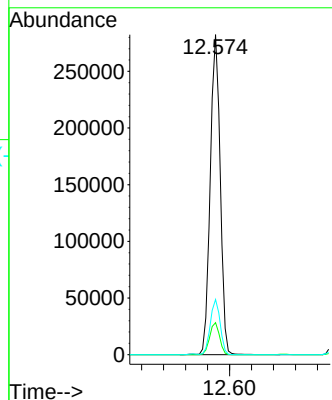
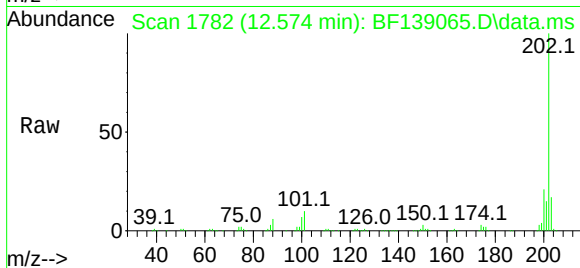
Tgt Ion:202 Resp: 354389

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.2

203 17.2 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

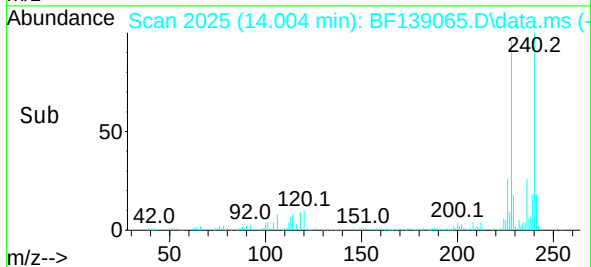
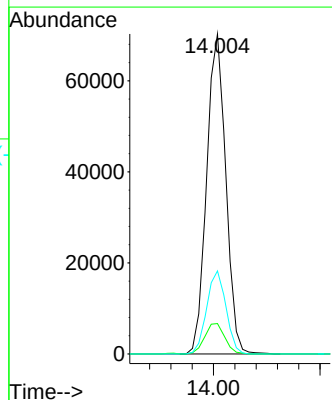
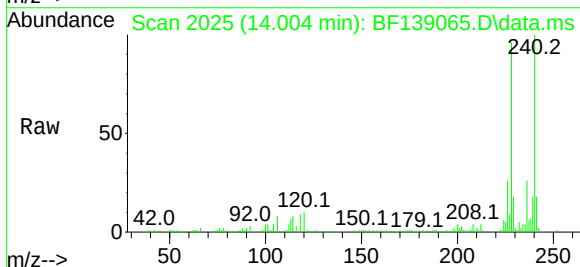
Tgt Ion:240 Resp: 87715

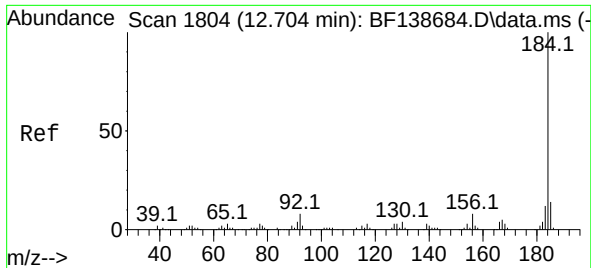
Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 25.9 19.8 29.8

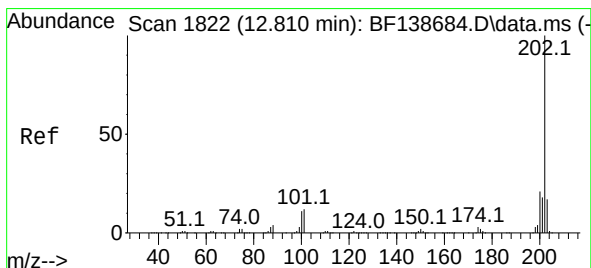
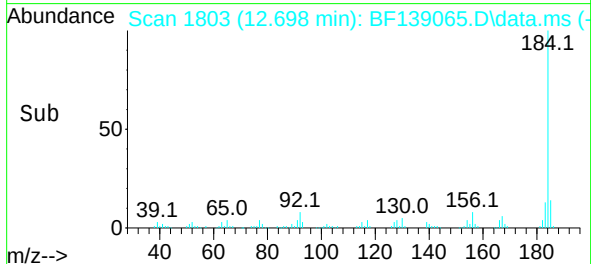
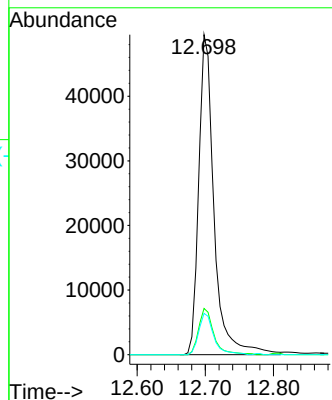
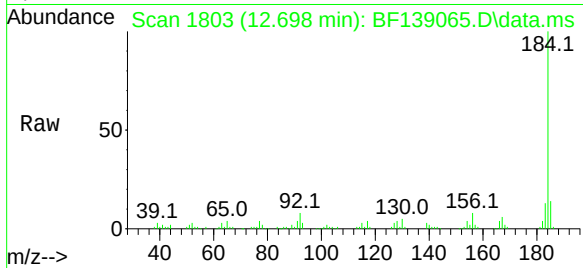




#77
Benzidine
Concen: 36.767 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

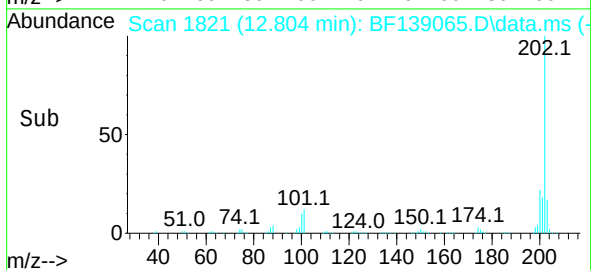
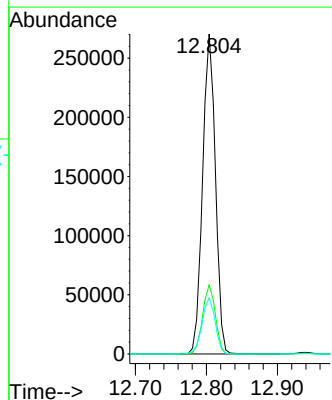
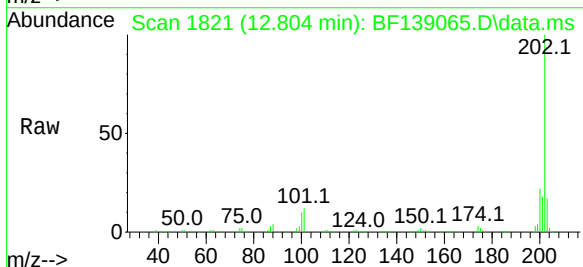
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

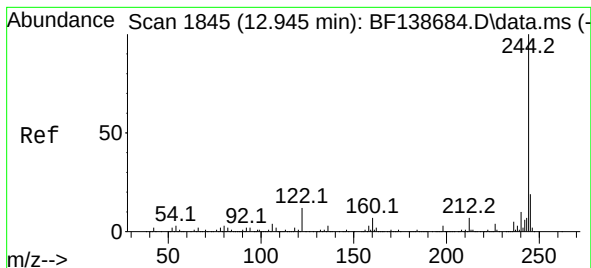
Tgt Ion:184 Resp: 77137
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 12.9 9.6 14.4



#78
Pyrene
Concen: 41.174 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139065.D
Acq: 19 Aug 2024 09:41

Tgt Ion:202 Resp: 340043
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 86.309 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

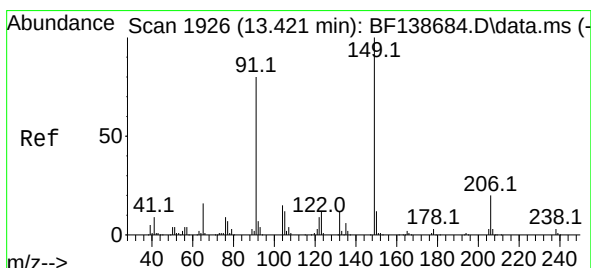
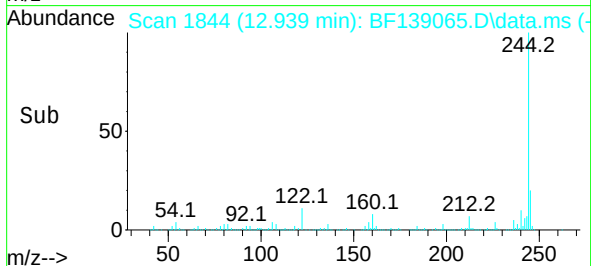
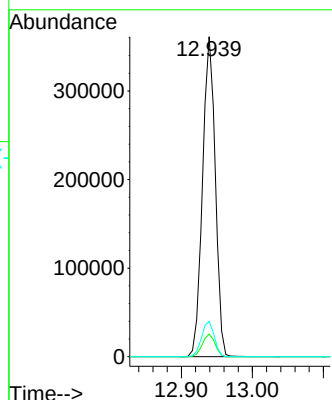
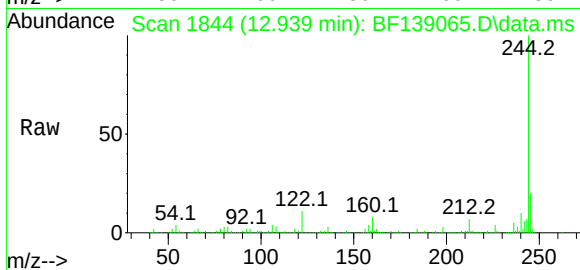
Tgt Ion:244 Resp: 452171

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.1 9.6 14.4



#80

Butylbenzylphthalate

Concen: 43.800 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

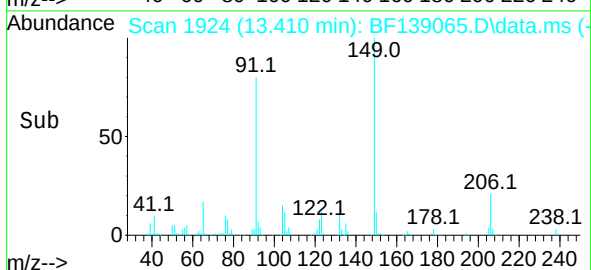
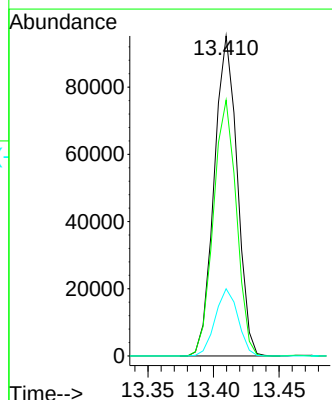
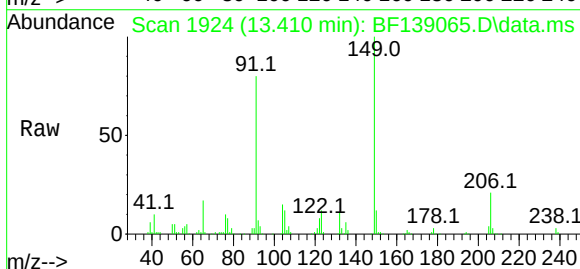
Tgt Ion:149 Resp: 115835

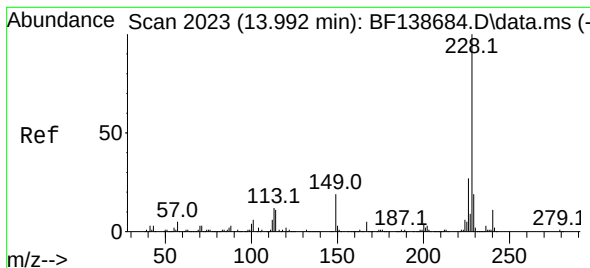
Ion Ratio Lower Upper

149 100

91 79.9 63.7 95.5

206 21.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 39.802 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

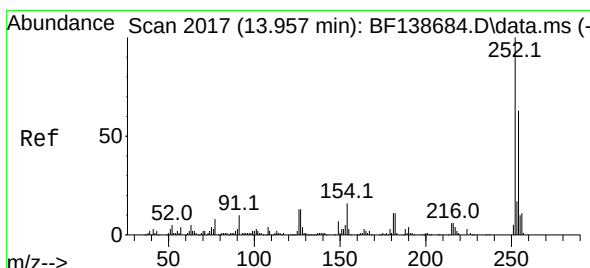
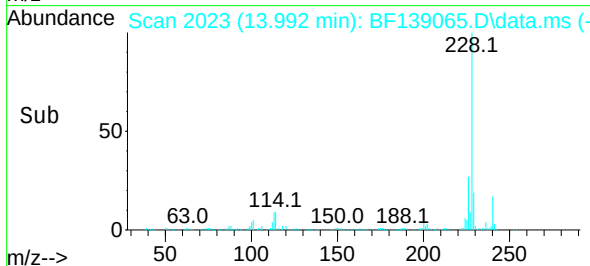
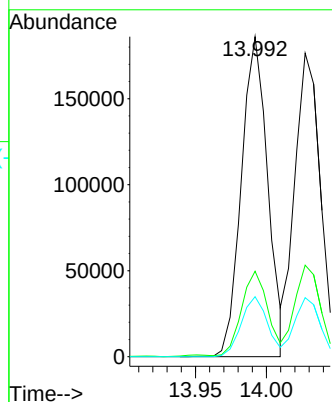
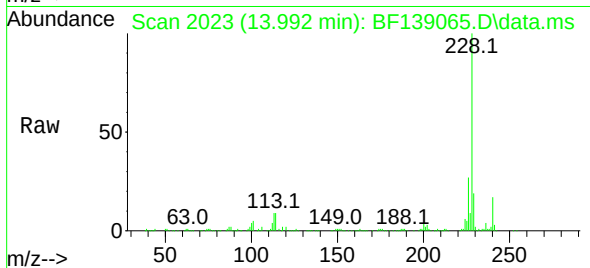
Tgt Ion:228 Resp: 240416

Ion Ratio Lower Upper

228 100

226 26.7 22.1 33.1

229 18.8 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 41.548 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

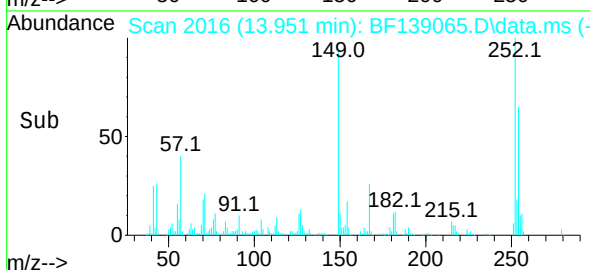
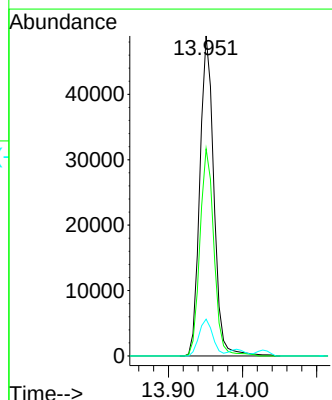
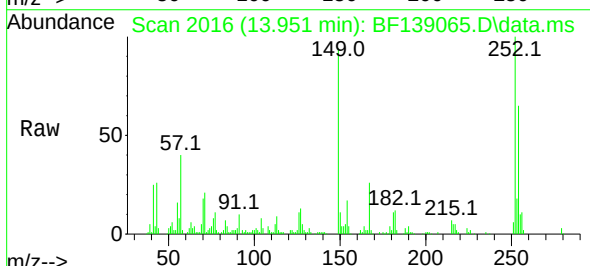
Tgt Ion:252 Resp: 64221

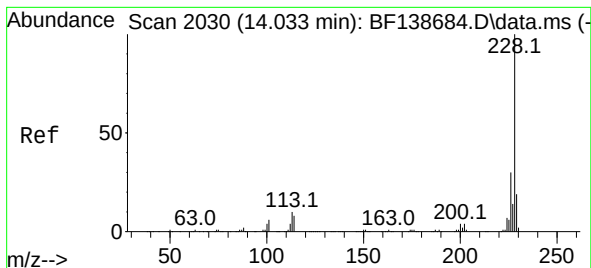
Ion Ratio Lower Upper

252 100

254 64.7 50.8 76.2

126 11.5 10.2 15.2





#83

Chrysene

Concen: 40.781 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

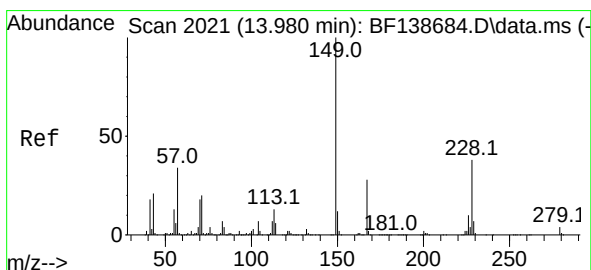
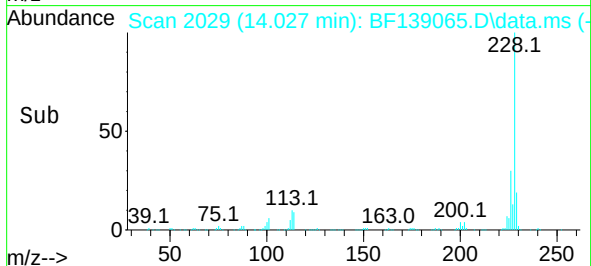
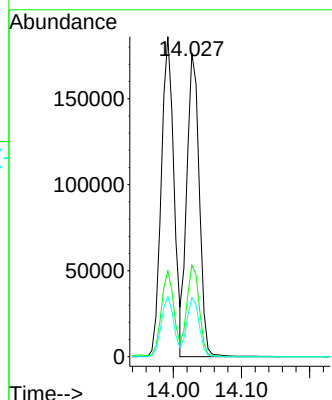
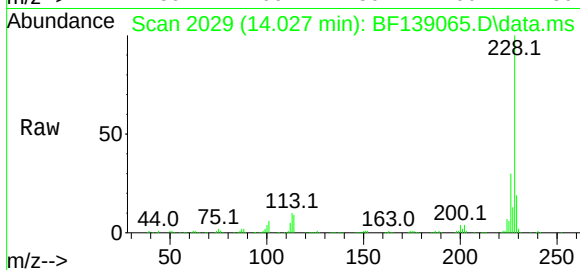
Tgt Ion:228 Resp: 222237

Ion Ratio Lower Upper

228 100

226 30.2 23.7 35.5

229 19.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.380 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

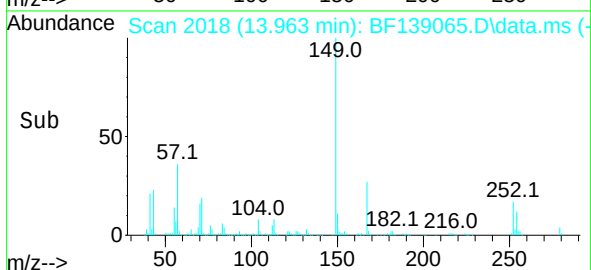
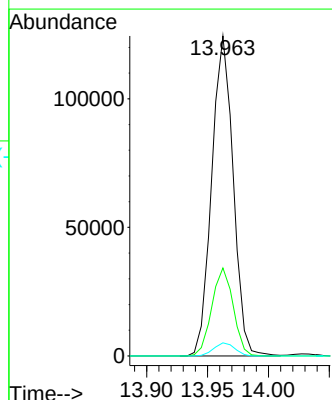
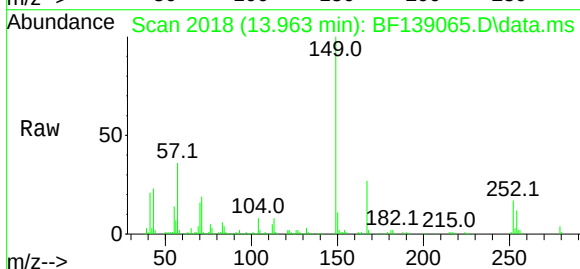
Tgt Ion:149 Resp: 152506

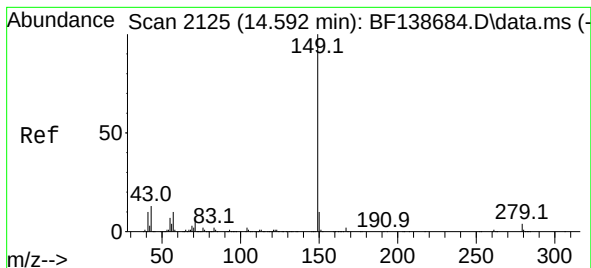
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 36.272 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

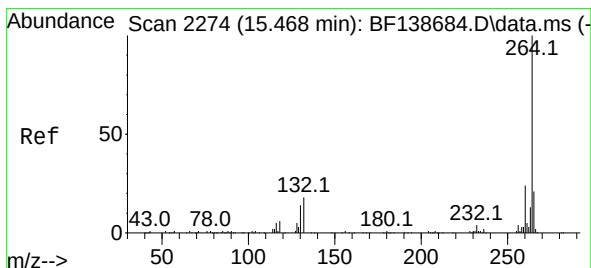
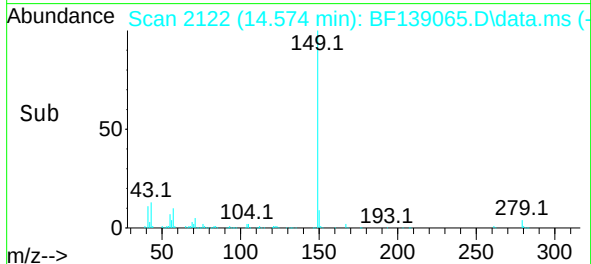
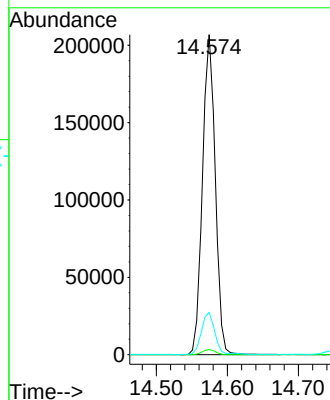
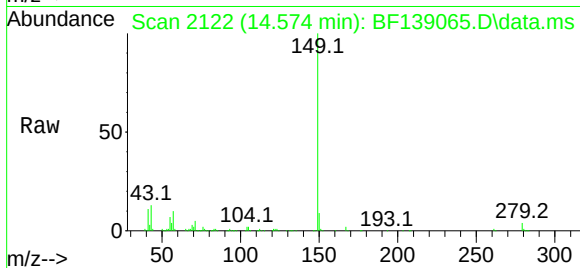
Tgt Ion:149 Resp: 259891

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 14.2 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: BF139065.D

Acq: 19 Aug 2024 09:41

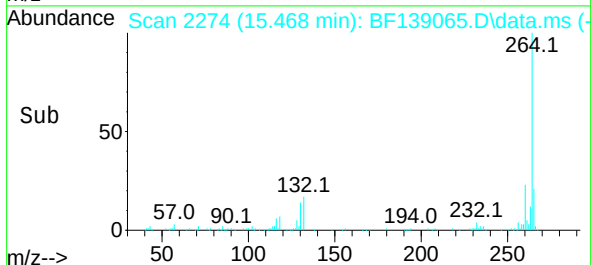
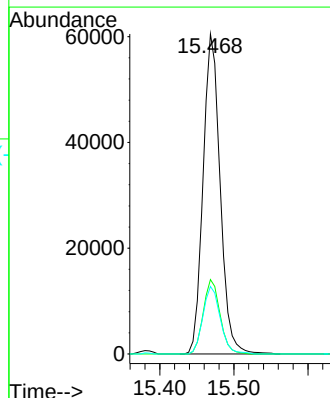
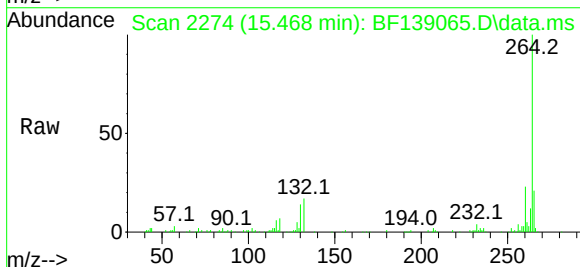
Tgt Ion:264 Resp: 96864

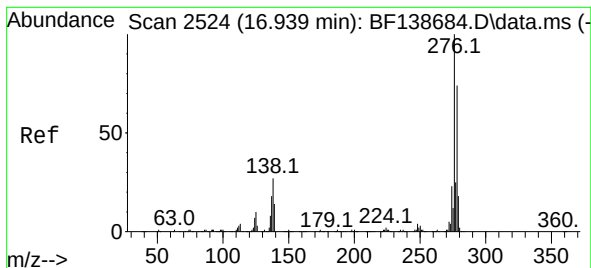
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.784 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

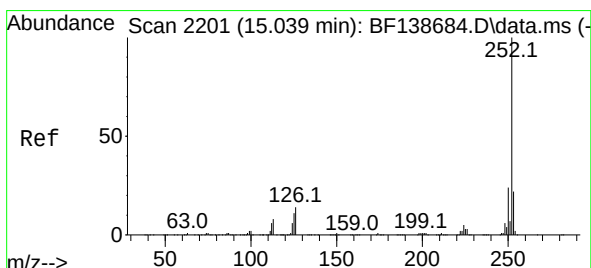
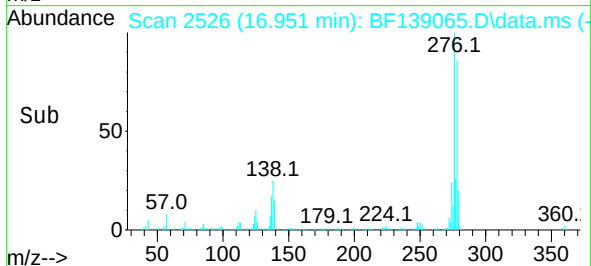
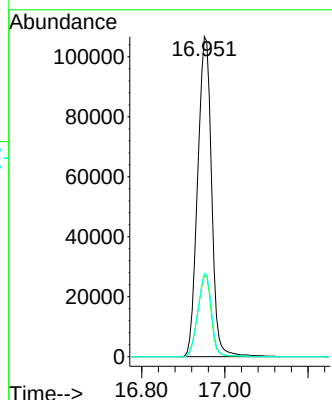
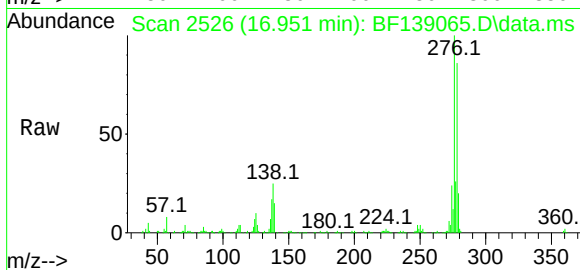
Tgt Ion:276 Resp: 248398

Ion Ratio Lower Upper

276 100

138 24.4 21.8 32.8

277 25.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 34.225 ng

RT: 15.068 min Scan# 2206

Delta R.T. 0.029 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

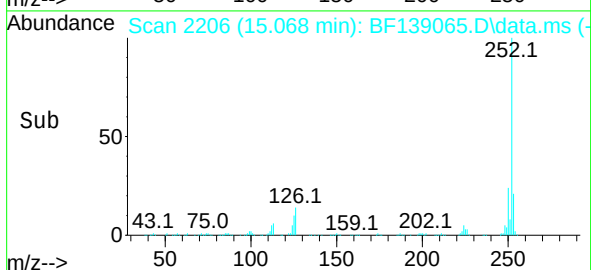
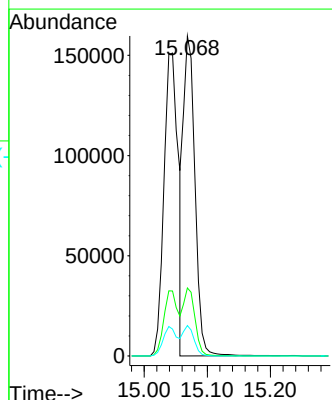
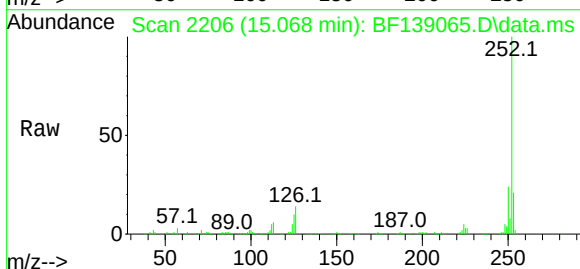
Tgt Ion:252 Resp: 205507

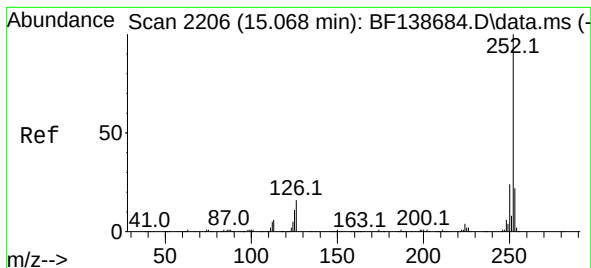
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 9.5 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 39.529 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

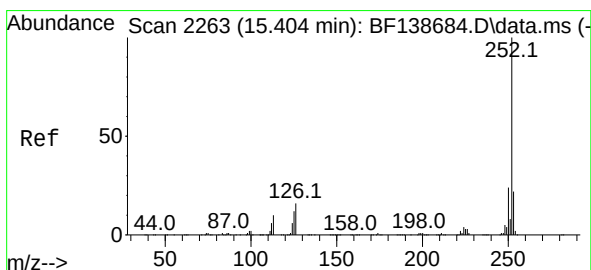
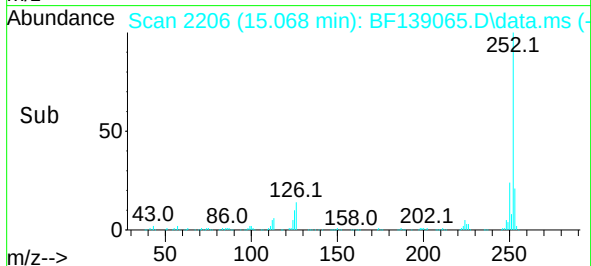
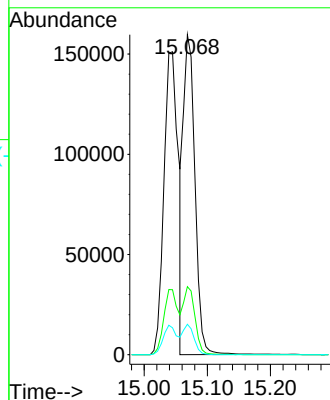
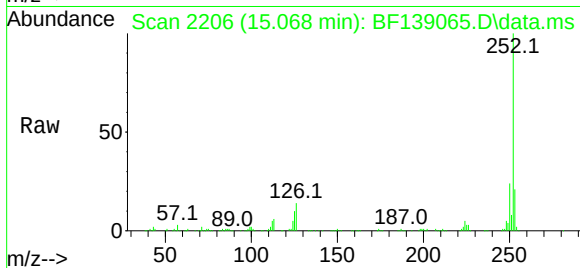
Tgt Ion:252 Resp: 205507

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.5 8.6 13.0



#90

Benzo(a)pyrene

Concen: 39.962 ng

RT: 15.410 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

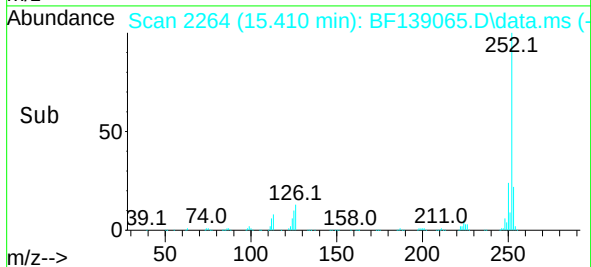
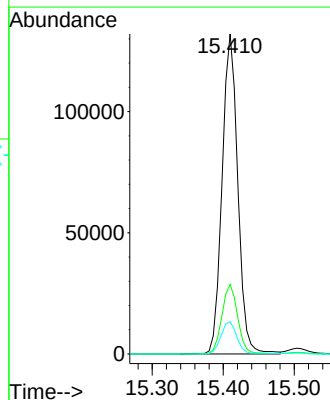
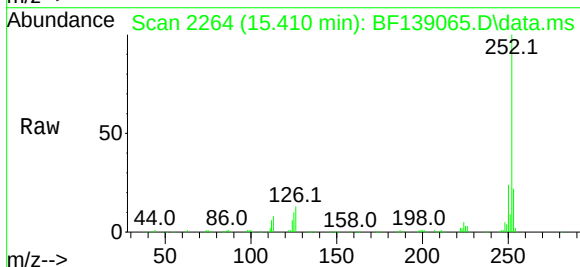
Tgt Ion:252 Resp: 201837

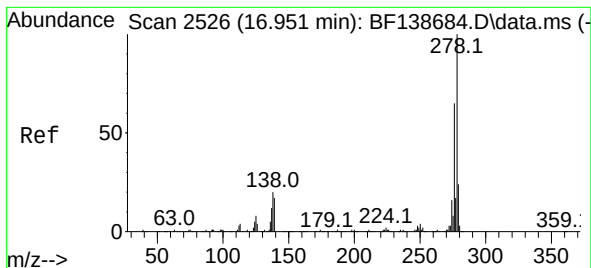
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.1 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 35.919 ng

RT: 16.956 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

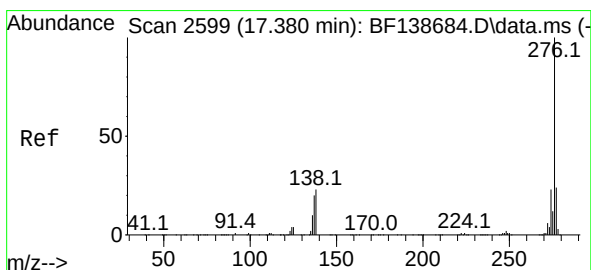
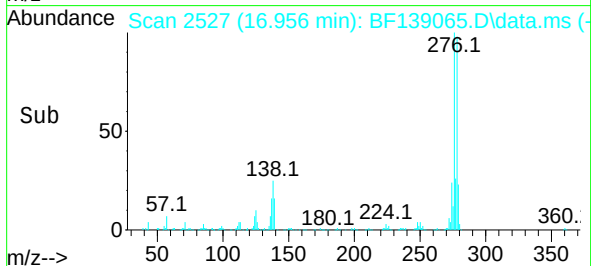
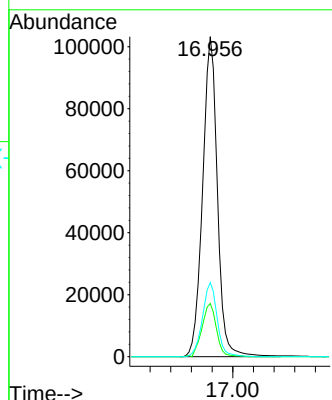
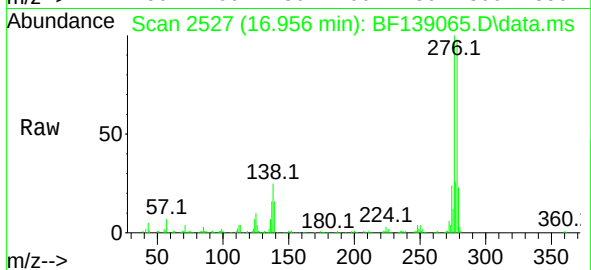
Tgt Ion:278 Resp: 204676

Ion Ratio Lower Upper

278 100

139 16.6 14.0 21.0

279 23.1 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 34.561 ng

RT: 17.398 min Scan# 2602

Delta R.T. 0.018 min

Lab File: BF139065.D

Acq: 19 Aug 2024 09:41

Tgt Ion:276 Resp: 204358

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 19.2 18.5 27.7

