

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139076.D
 Acq On : 19 Aug 2024 16:18
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 19 16:53:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	51393	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	212381	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	117358	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	199268	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	91850	20.000	ng	0.00
86) Perylene-d12	15.468	264	100469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	263323	79.092	ng	0.00
7) Phenol-d6	6.487	99	363220	81.258	ng	0.00
23) Nitrobenzene-d5	7.410	82	361737	83.274	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	74836	77.847	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	648062	82.969	ng	-0.01
79) Terphenyl-d14	12.939	244	475107	86.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	53195	36.495	ng	# 95
3) Pyridine	3.334	79	133315	37.756	ng	# 92
4) n-Nitrosodimethylamine	3.310	42	97805	46.509	ng	81
6) Aniline	6.504	93	155470	39.000	ng	# 37
8) 2-Chlorophenol	6.634	128	143224	40.888	ng	97
9) Benzaldehyde	6.398	77	116054	43.312	ng	99
10) Phenol	6.504	94	185511	39.417	ng	# 73
11) bis(2-Chloroethyl)ether	6.575	93	138791	38.322	ng	99
12) 1,3-Dichlorobenzene	6.775	146	157560	40.184	ng	97
13) 1,4-Dichlorobenzene	6.857	146	161208	40.740	ng	99
14) 1,2-Dichlorobenzene	7.010	146	151537	40.977	ng	99
15) Benzyl Alcohol	6.992	79	135531	42.068	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	238930	38.335	ng	# 49
17) 2-Methylphenol	7.104	107	117846	40.743	ng	# 89
18) Hexachloroethane	7.339	117	63598	42.698	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	116582	43.182	ng	94
20) 3+4-Methylphenols	7.263	107	156397	42.143	ng	# 79
22) Acetophenone	7.251	105	220229	42.351	ng	# 98
24) Nitrobenzene	7.428	77	176182	39.858	ng	99
25) Isophorone	7.663	82	298313	40.218	ng	98
26) 2-Nitrophenol	7.745	139	77288	40.641	ng	94
27) 2,4-Dimethylphenol	7.781	122	88371	38.838	ng	94
28) bis(2-Chloroethoxy)met...	7.869	93	178139	39.437	ng	99
29) 2,4-Dichlorophenol	7.992	162	118271	40.451	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	135310	40.102	ng	98
31) Naphthalene	8.139	128	443689	39.689	ng	100
32) Benzoic acid	7.951	122	61098	34.159	ng	94
33) 4-Chloroaniline	8.198	127	147653	39.347	ng	97
34) Hexachlorobutadiene	8.251	225	86994	42.567	ng	98
35) Caprolactam	8.586	113	37077	42.499	ng	98
36) 4-Chloro-3-methylphenol	8.686	107	139517	41.753	ng	98
37) 2-Methylnaphthalene	8.828	142	289906	41.062	ng	100
38) 1-Methylnaphthalene	8.928	142	284769	41.161	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	133484	40.945	ng	99
41) Hexachlorocyclopentadiene	8.975	237	26721	35.236	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	76496	38.485	ng	98

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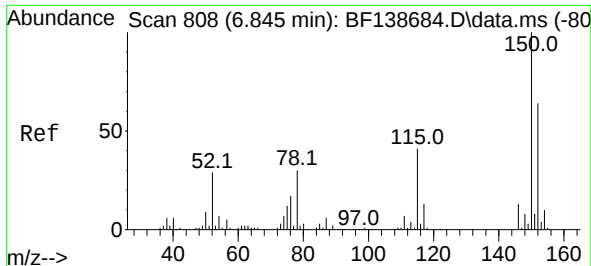
Quant Time: Aug 19 16:53:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	87189	40.124	ng	99
46) 1,1'-Biphenyl	9.292	154	372506	40.528	ng	100
47) 2-Chloronaphthalene	9.322	162	275524	40.306	ng	99
48) 2-Nitroaniline	9.428	65	98632	42.561	ng	97
49) Acenaphthylene	9.733	152	382864	39.490	ng	99
50) Dimethylphthalate	9.592	163	318463	42.439	ng	99
51) 2,6-Dinitrotoluene	9.669	165	72431	42.770	ng	89
52) Acenaphthene	9.904	154	262247	40.238	ng	100
53) 3-Nitroaniline	9.839	138	66940	38.236	ng	94
54) 2,4-Dinitrophenol	9.957	184	29122	37.356	ng	# 79
55) Dibenzofuran	10.075	168	369975	40.215	ng	96
56) 4-Nitrophenol	10.028	139	36615	34.779	ng	94
57) 2,4-Dinitrotoluene	10.075	165	94226	43.610	ng	# 76
58) Fluorene	10.422	166	306841	41.883	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	67767	40.792	ng	95
60) Diethylphthalate	10.292	149	320219	45.005	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	151689	42.099	ng	96
62) 4-Nitroaniline	10.422	138	4907	2.949	ng	# 25
63) Azobenzene	10.569	77	328211	41.591	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	45292	37.256	ng	87
66) n-Nitrosodiphenylamine	10.533	169	251162	40.323	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	86979	40.316	ng	98
68) Hexachlorobenzene	10.969	284	88500	39.729	ng	99
69) Atrazine	11.057	200	51047	31.765	ng	99
70) Pentachlorophenol	11.175	266	30779	30.654	ng	99
71) Phenanthrene	11.386	178	408434	39.806	ng	100
72) Anthracene	11.433	178	406843	40.249	ng	100
73) Carbazole	11.592	167	337385	38.687	ng	99
74) Di-n-butylphthalate	11.910	149	453106	46.218	ng	99
75) Fluoranthene	12.574	202	369762	38.601	ng	98
77) Benzidine	12.698	184	92698	42.195	ng	100
78) Pyrene	12.804	202	359543	41.575	ng	100
80) Butylbenzylphthalate	13.410	149	127221	45.939	ng	98
81) Benzo(a)anthracene	13.992	228	252617	39.940	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	71081	43.915	ng	99
83) Chrysene	14.027	228	230382	40.373	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	163932	40.425	ng	98
85) Di-n-octyl phthalate	14.574	149	272319	36.296	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	232615	32.308	ng	96
88) Benzo(b)fluoranthene	15.039	252	231461	37.164	ng	99
89) Benzo(k)fluoranthene	15.068	252	196656	36.469	ng	99
90) Benzo(a)pyrene	15.404	252	211527	40.378	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	192715	32.607	ng	98
92) Benzo(g,h,i)perylene	17.392	276	185583	30.259	ng	96

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

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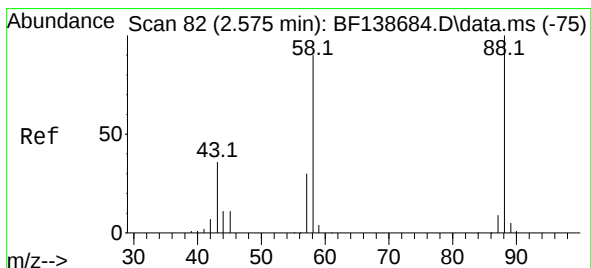
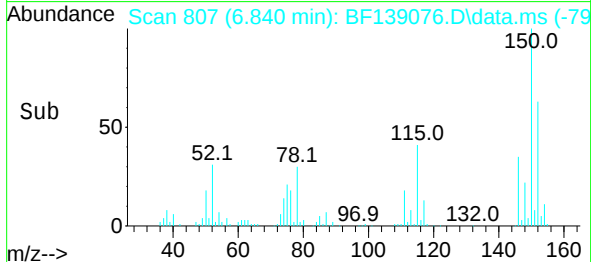
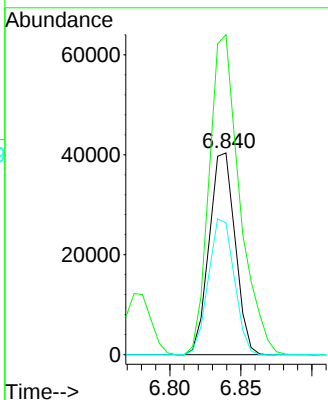
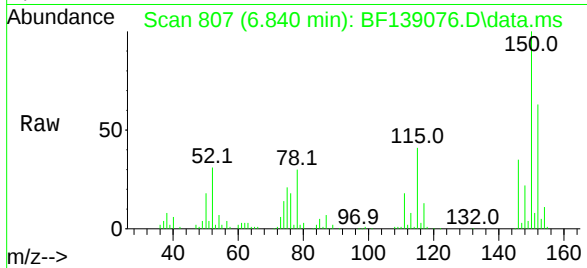




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

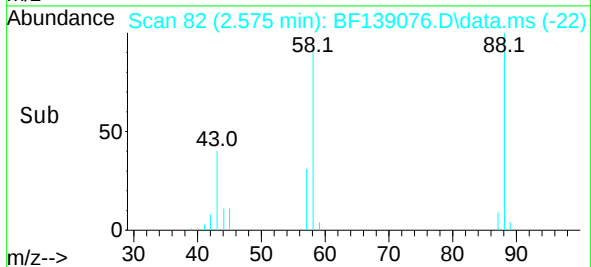
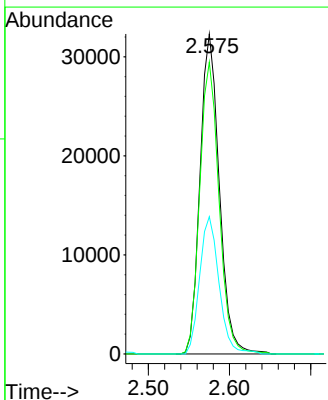
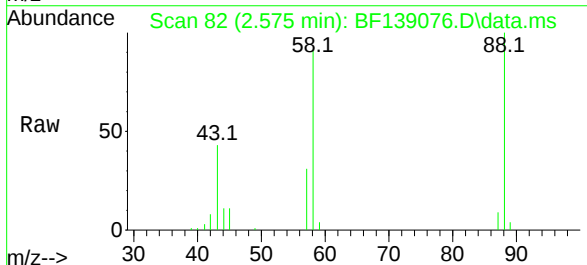
Instrument :
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SSTDCCC040EC

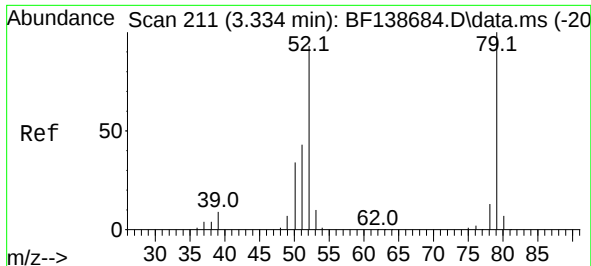
Tgt Ion:152 Resp: 51393
Ion Ratio Lower Upper
152 100
150 158.7 126.0 189.0
115 65.4 51.7 77.5



#2
1,4-Dioxane
Concen: 36.495 ng
RT: 2.575 min Scan# 82
Delta R.T. -0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion: 88 Resp: 53195
Ion Ratio Lower Upper
88 100
58 91.4 71.6 107.4
43 43.1 28.7 43.1#

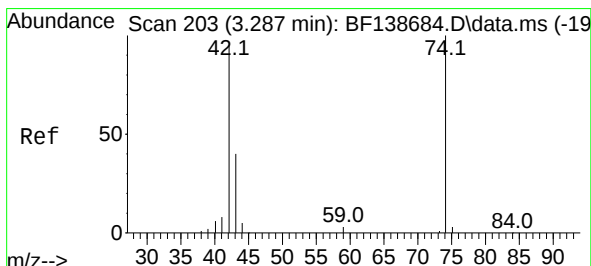
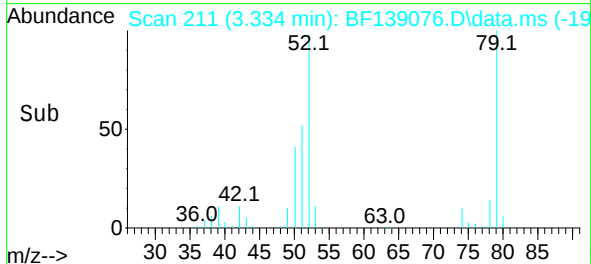
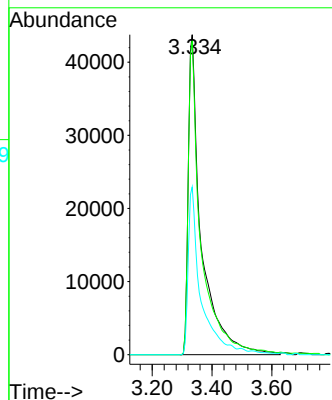
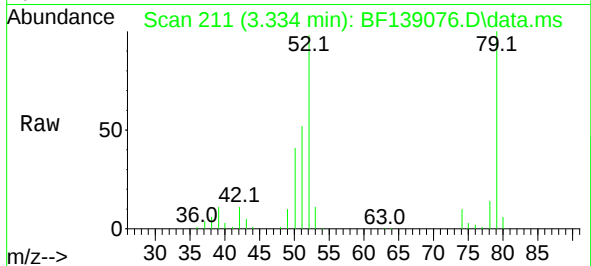




#3
Pyridine
Concen: 37.756 ng
RT: 3.334 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

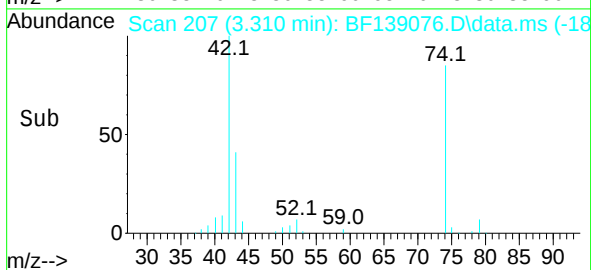
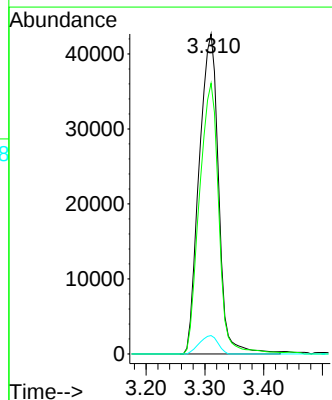
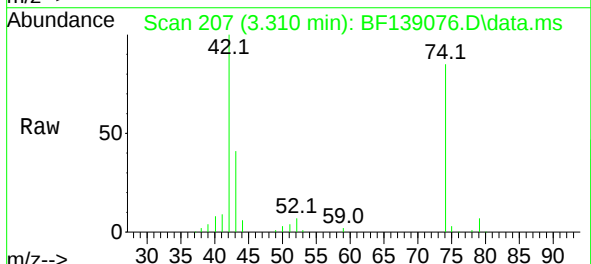
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ClientSampleId :
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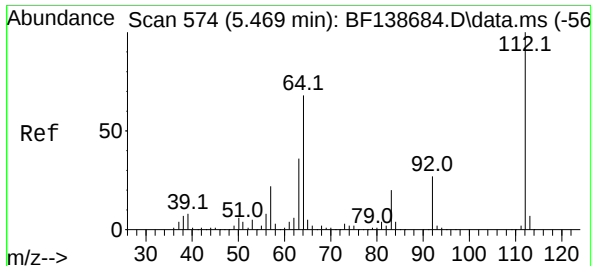
Tgt Ion: 79 Resp: 133315
Ion Ratio Lower Upper
79 100
52 98.1 74.7 112.1
51 52.4 34.6 51.8#



#4
n-Nitrosodimethylamine
Concen: 46.509 ng
RT: 3.310 min Scan# 207
Delta R.T. 0.024 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion: 42 Resp: 97805
Ion Ratio Lower Upper
42 100
74 84.6 84.2 126.4
44 5.8 4.9 7.3

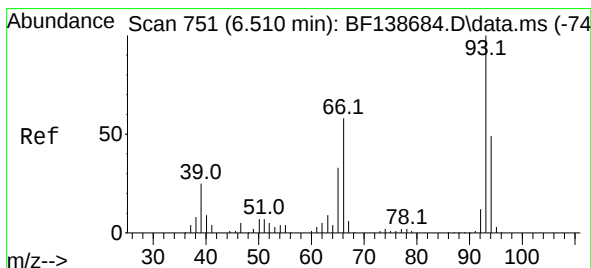
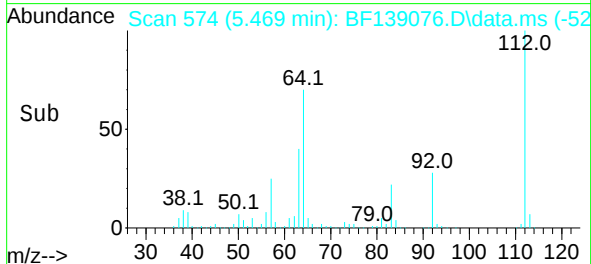
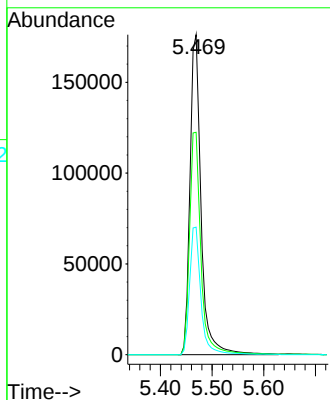
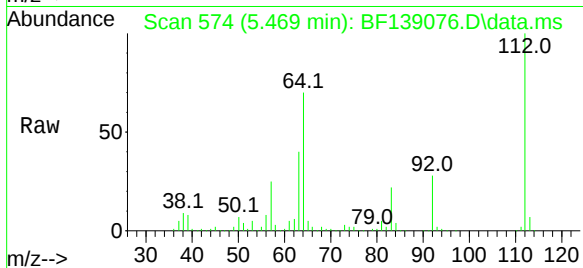




#5
2-Fluorophenol
Concen: 79.092 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

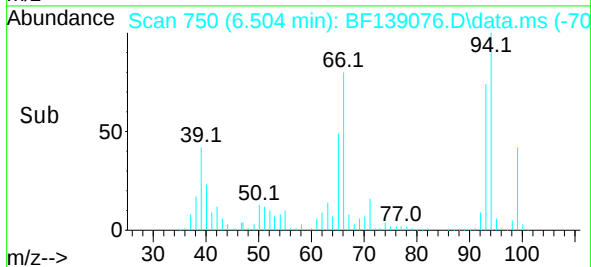
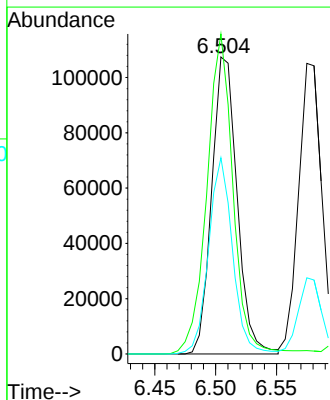
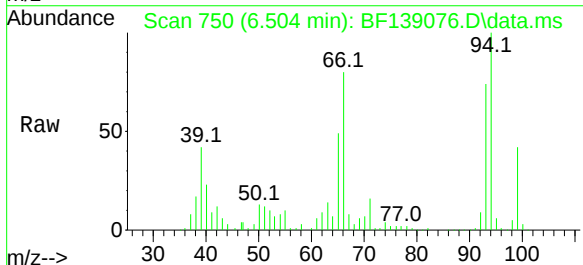
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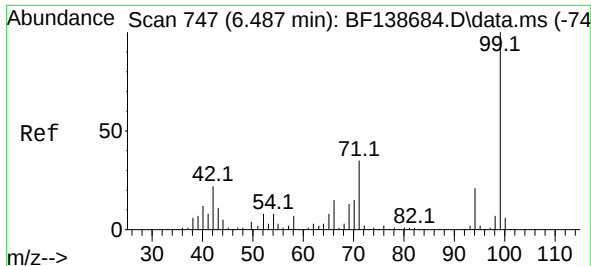
Tgt Ion:112 Resp: 263323
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 39.8 28.7 43.1



#6
Aniline
Concen: 39.000 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion: 93 Resp: 155470
Ion Ratio Lower Upper
93 100
66 107.8 46.9 70.3#
65 66.1 26.5 39.7#

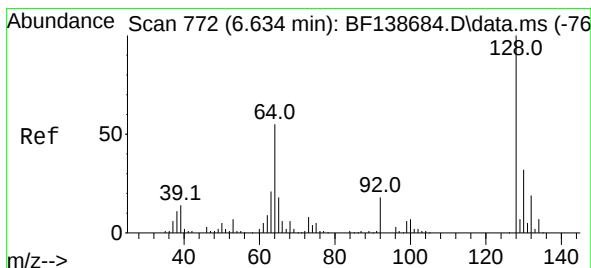
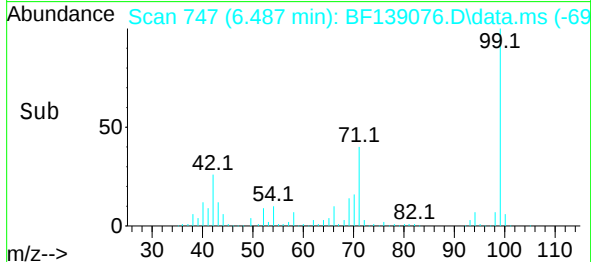
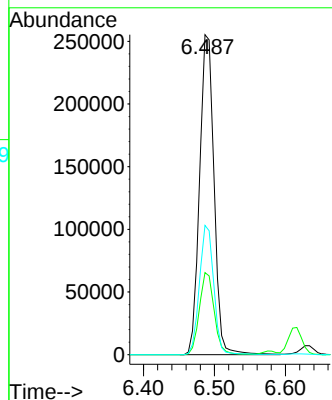
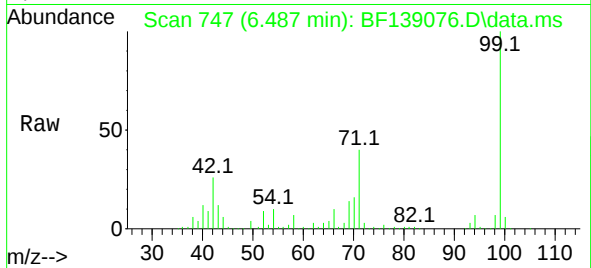




#7
Phenol-d6
Concen: 81.258 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

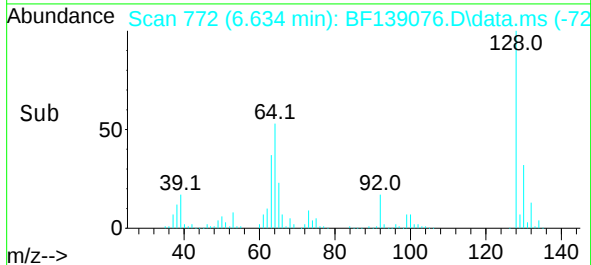
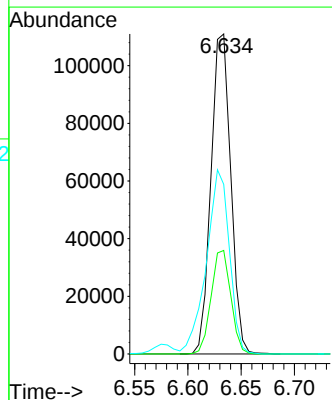
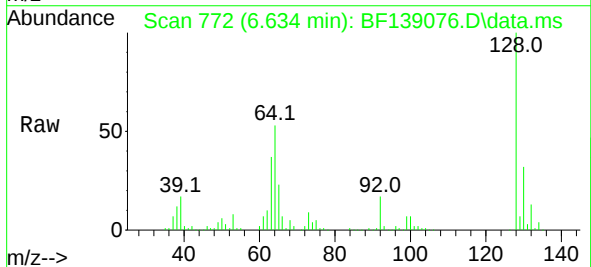
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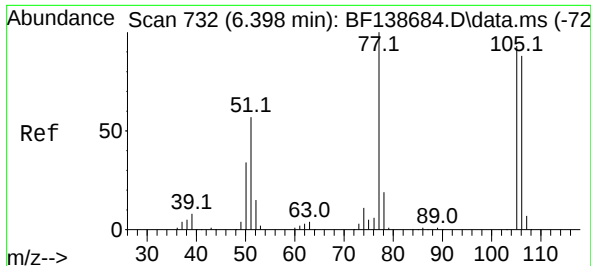
Tgt Ion: 99 Resp: 363220
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 40.4 28.1 42.1



#8
2-Chlorophenol
Concen: 40.888 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion: 128 Resp: 143224
Ion Ratio Lower Upper
128 100
130 32.3 12.0 52.0
64 53.0 36.3 76.3





#9

Benzaldehyde

Concen: 43.312 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

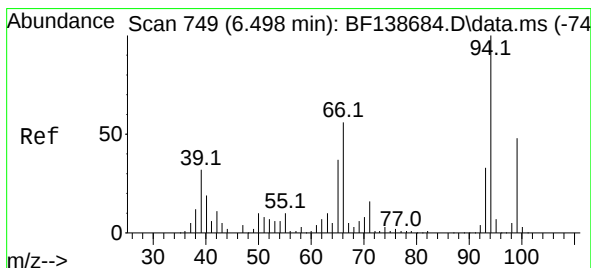
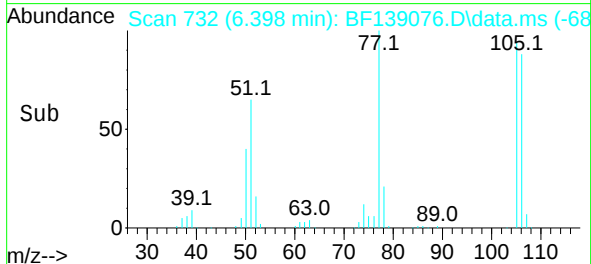
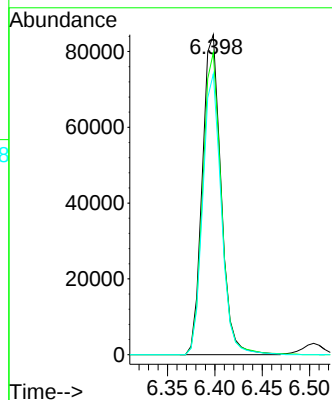
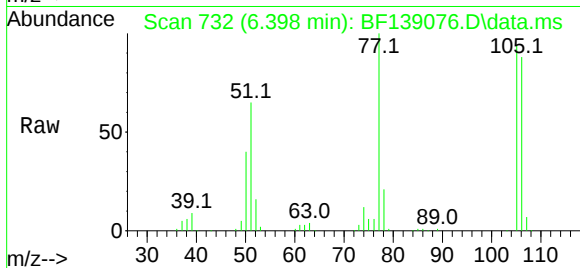
Tgt Ion: 77 Resp: 116054

Ion Ratio Lower Upper

77 100

105 94.4 72.9 112.9

106 87.8 68.4 108.4



#10

Phenol

Concen: 39.417 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

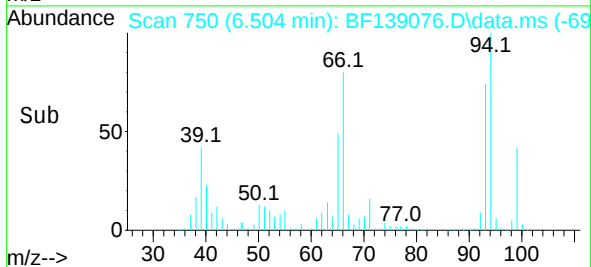
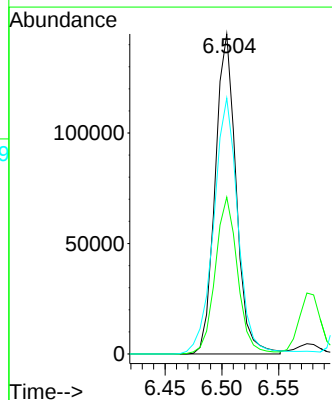
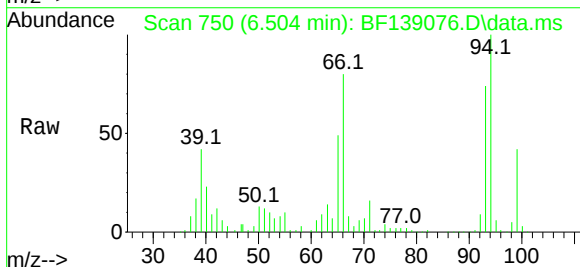
Tgt Ion: 94 Resp: 185511

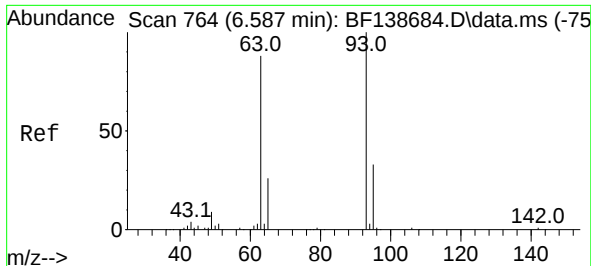
Ion Ratio Lower Upper

94 100

65 49.0 16.9 56.9

66 79.9 36.5 76.5#





#11

bis(2-Chloroethyl)ether

Concen: 38.322 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

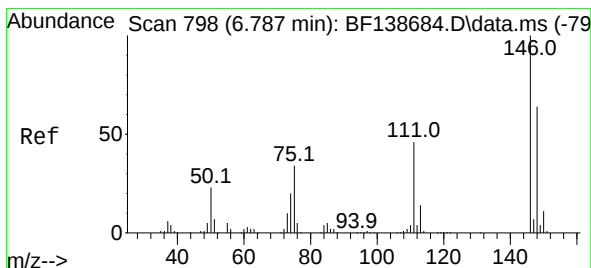
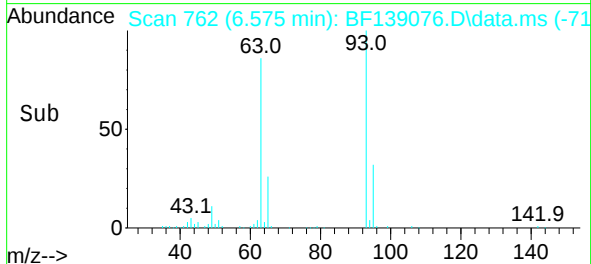
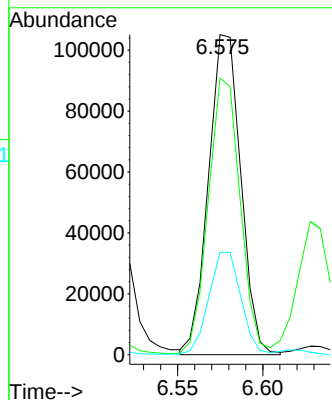
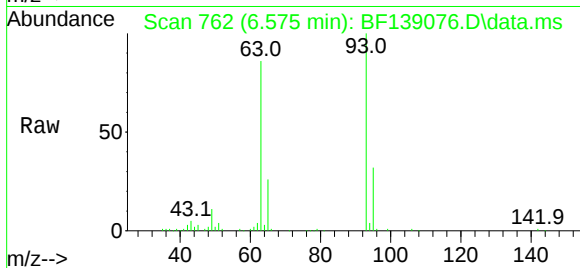
Tgt Ion: 93 Resp: 138791

Ion Ratio Lower Upper

93 100

63 86.5 65.3 105.3

95 32.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 40.184 ng

RT: 6.775 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

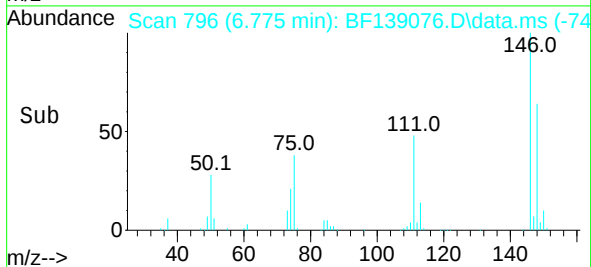
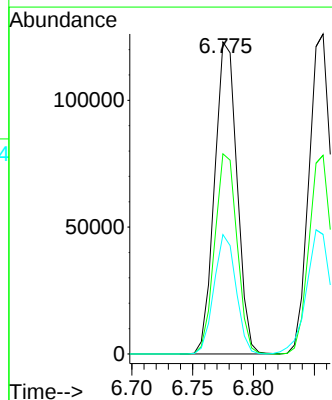
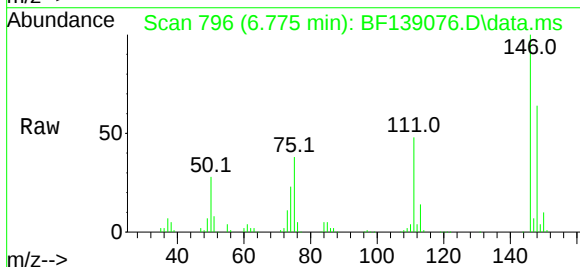
Tgt Ion:146 Resp: 157560

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

75 38.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 40.740 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

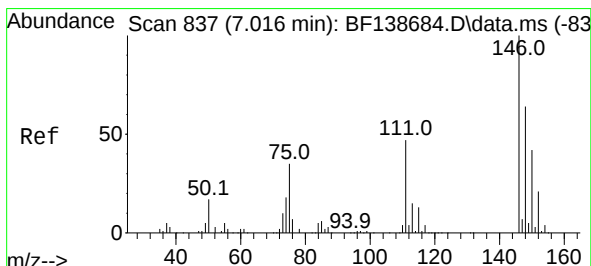
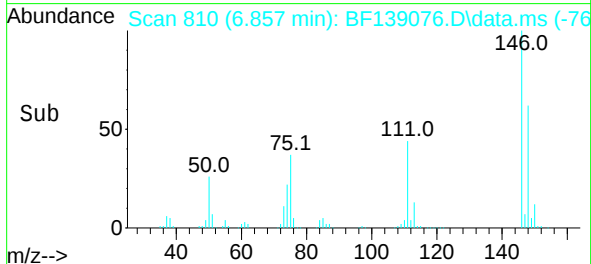
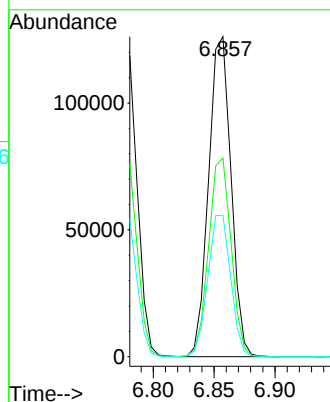
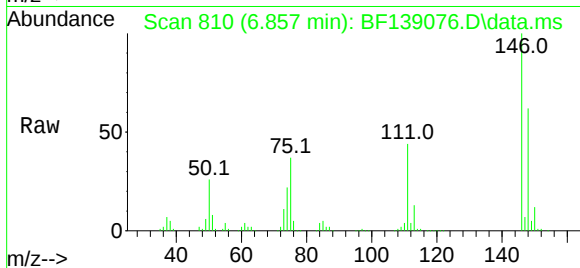
Tgt Ion:146 Resp: 161208

Ion Ratio Lower Upper

146 100

148 62.1 50.2 75.2

111 44.2 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 40.977 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

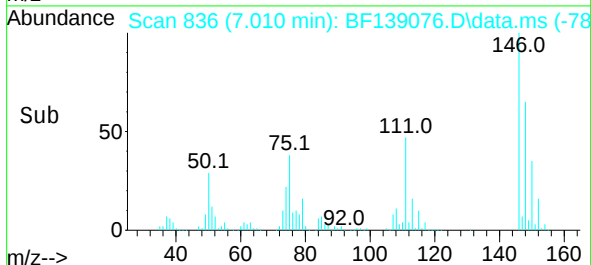
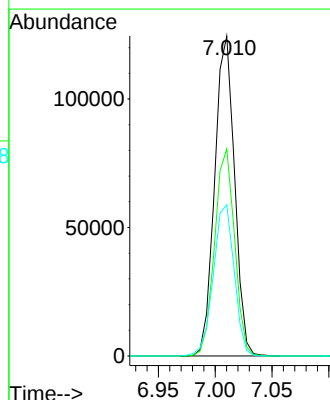
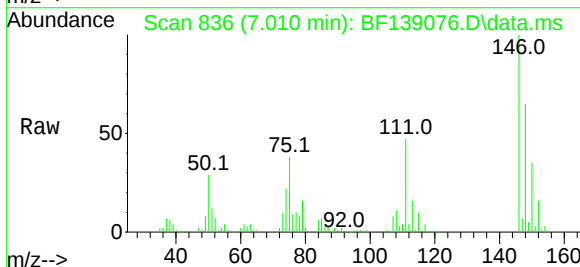
Tgt Ion:146 Resp: 151537

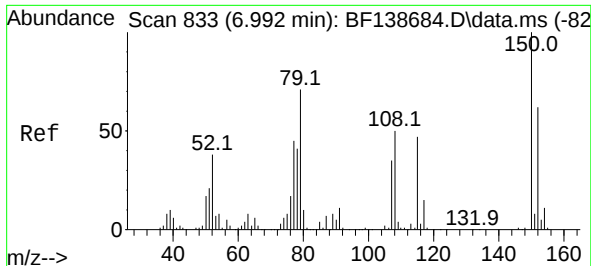
Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

111 47.3 37.4 56.2





#15

Benzyl Alcohol

Concen: 42.068 ng

RT: 6.992 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

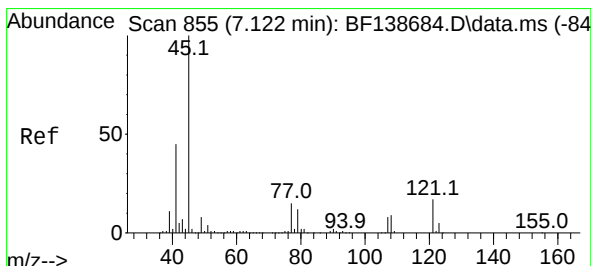
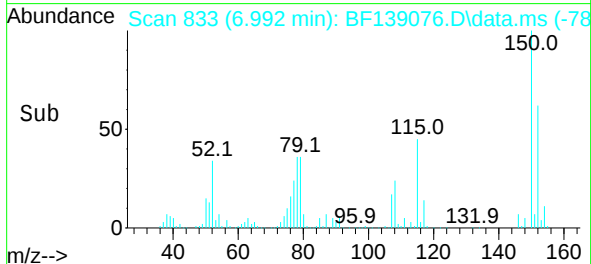
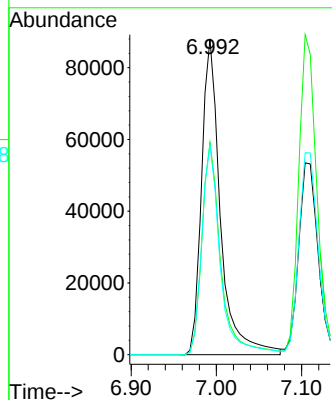
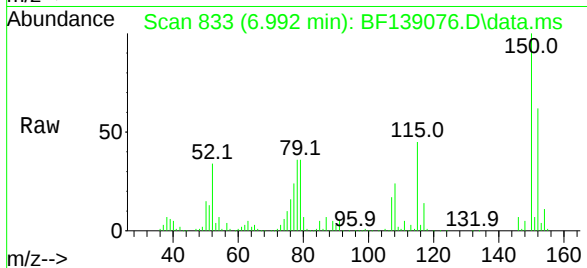
Tgt Ion: 79 Resp: 135531

Ion Ratio Lower Upper

79 100

108 67.2 56.6 85.0

77 66.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.335 ng

RT: 7.110 min Scan# 853

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

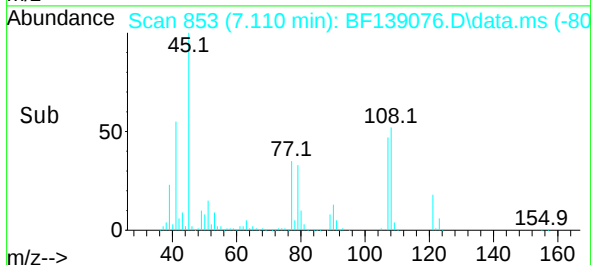
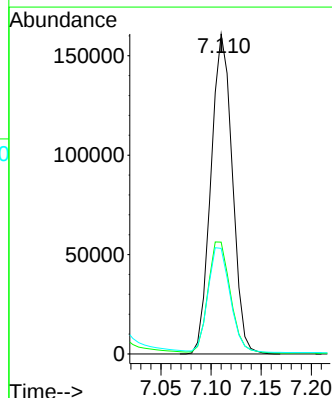
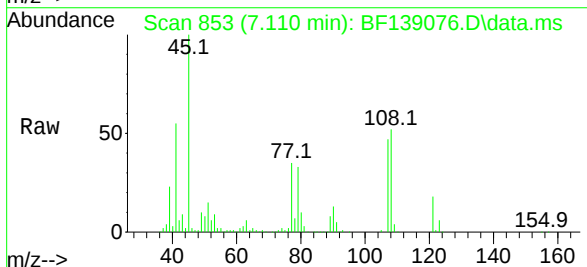
Tgt Ion: 45 Resp: 238930

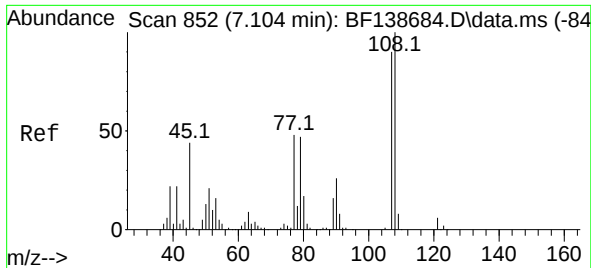
Ion Ratio Lower Upper

45 100

77 34.9 0.0 34.9#

79 33.0 0.0 32.2#

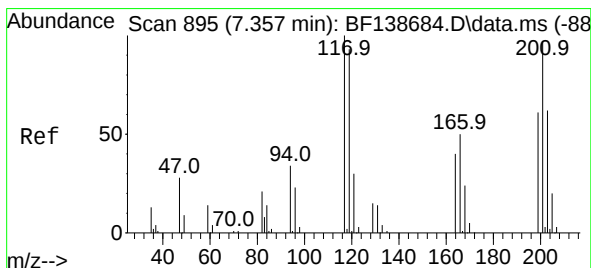
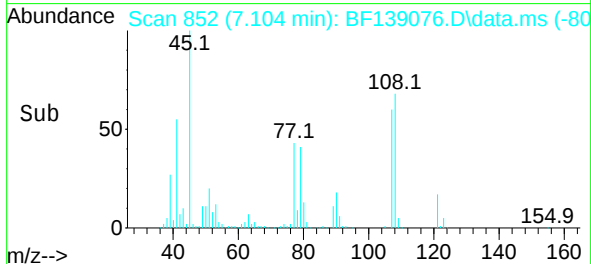
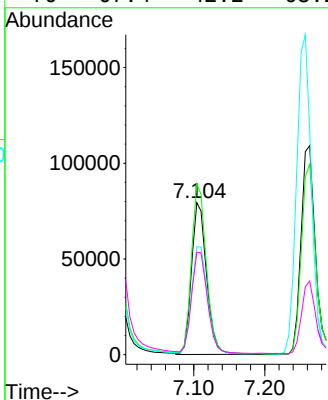
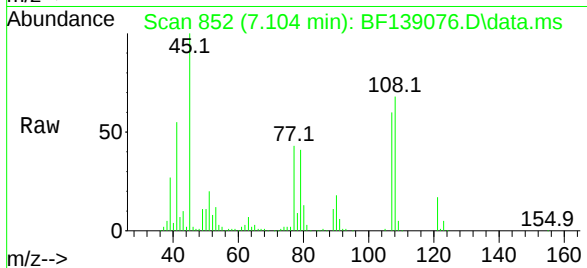




#17
2-Methylphenol
Concen: 40.743 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

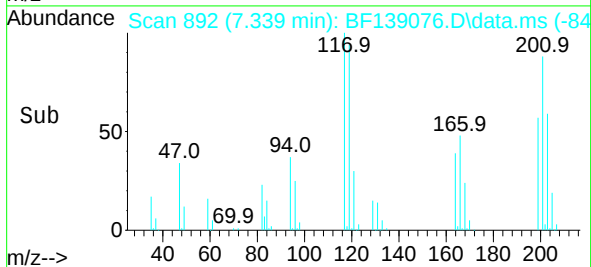
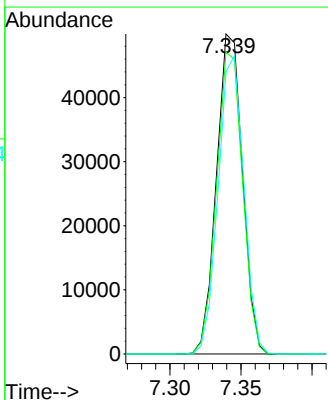
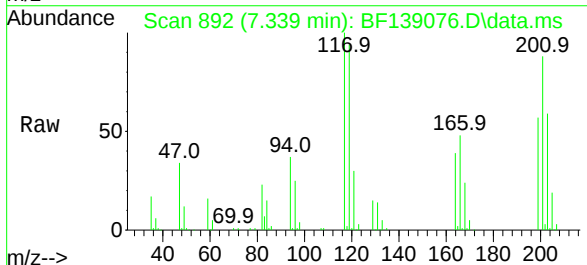
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 117846
Ion Ratio Lower Upper
107 100
108 112.4 89.2 133.8
77 70.9 43.0 64.4#
79 67.4 42.2 63.2#



#18
Hexachloroethane
Concen: 42.698 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion:117 Resp: 63598
Ion Ratio Lower Upper
117 100
119 94.3 74.6 111.8
201 88.2 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.182 ng

RT: 7.257 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 116582

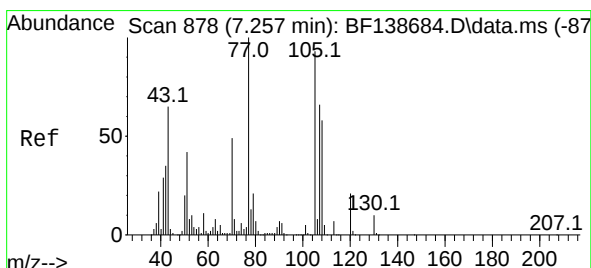
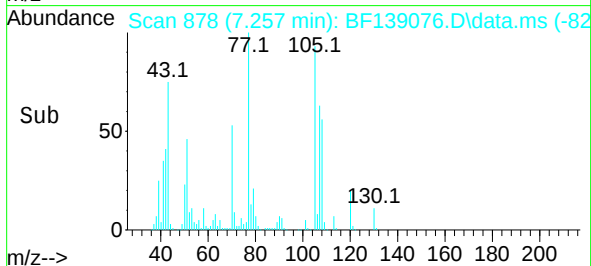
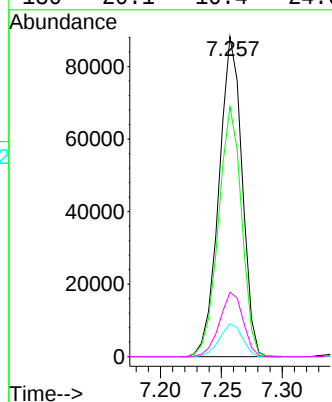
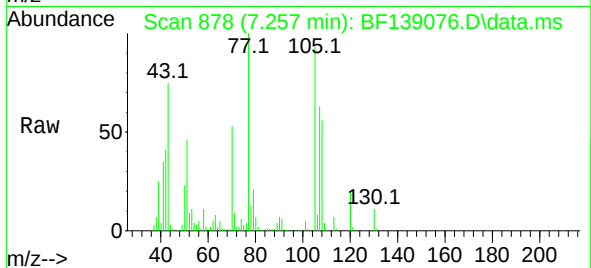
Ion Ratio Lower Upper

70 100

42 78.1 57.4 86.0

101 10.2 7.5 11.3

130 20.1 16.4 24.6



#20

3+4-Methylphenols

Concen: 42.143 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Tgt Ion:107 Resp: 156397

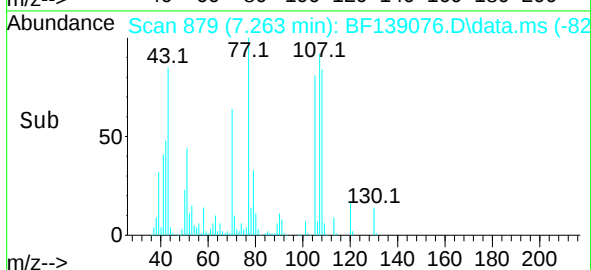
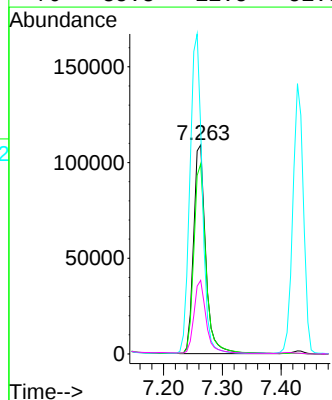
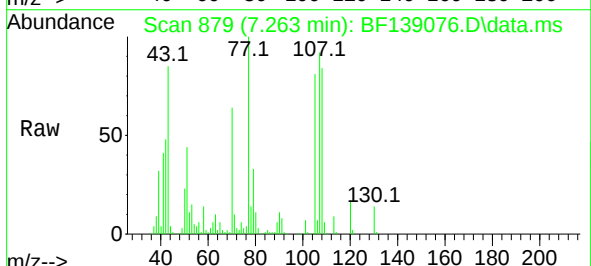
Ion Ratio Lower Upper

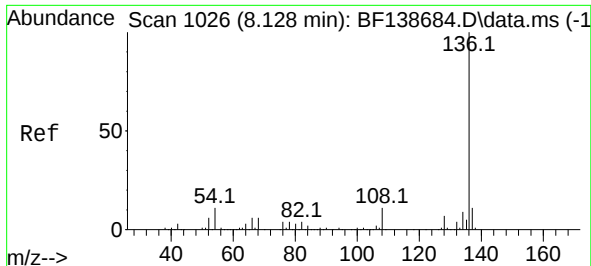
107 100

108 91.0 68.2 108.2

77 108.2 132.1 172.1#

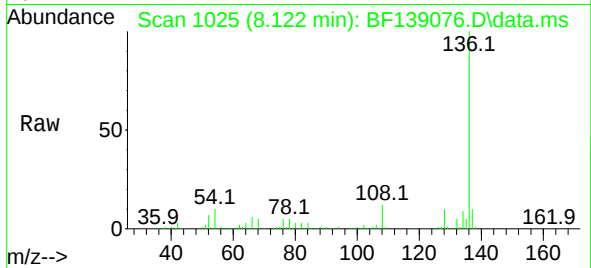
79 35.3 11.5 51.5



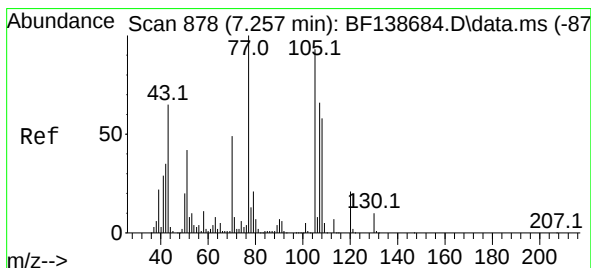
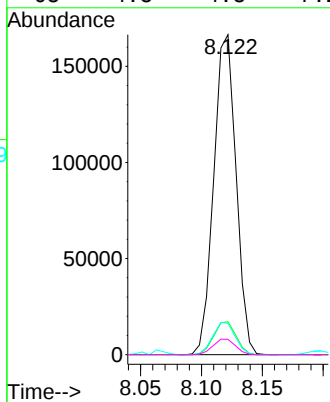
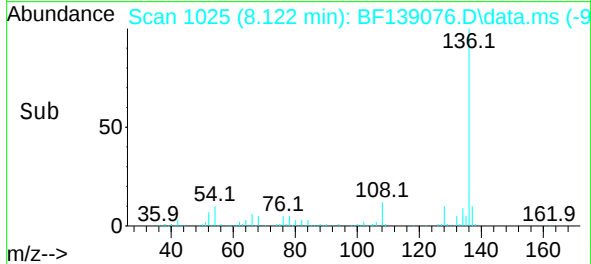


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

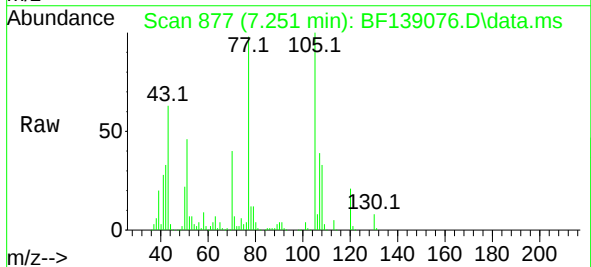
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



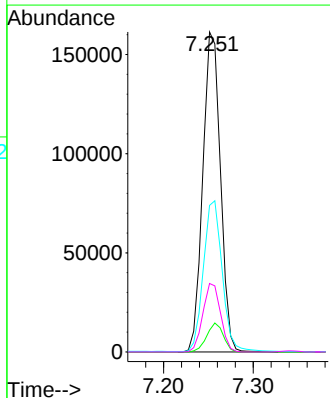
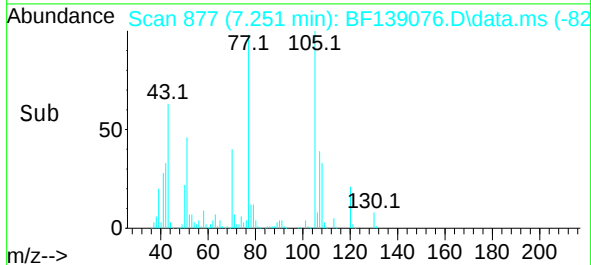
Tgt Ion:136 Resp: 212381
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 9.8 8.6 12.8
68 4.8 4.8 7.2

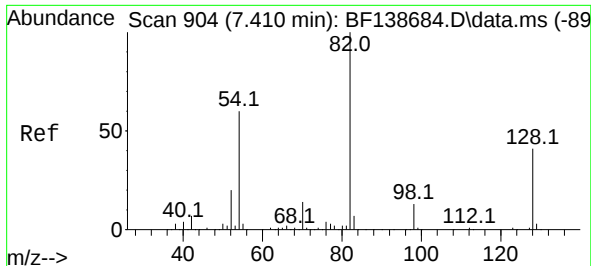


#22
Acetophenone
Concen: 42.351 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18



Tgt Ion:105 Resp: 220229
Ion Ratio Lower Upper
105 100
71 6.8 7.2 10.8#
51 45.8 35.9 53.9
120 21.4 17.6 26.4

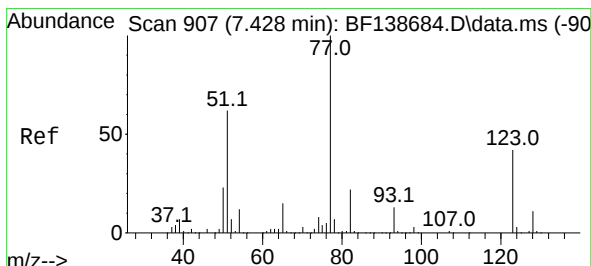
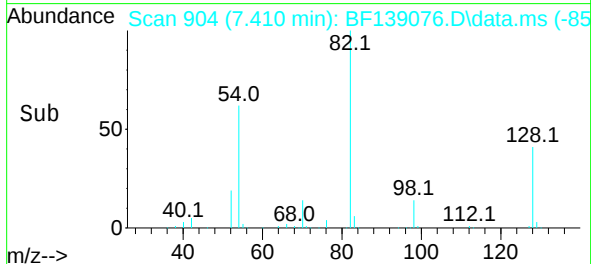
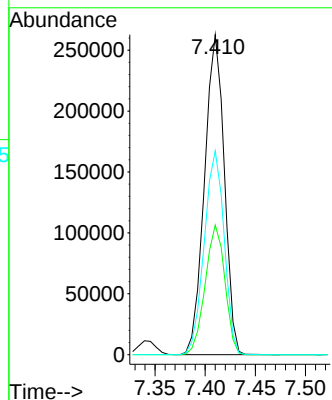
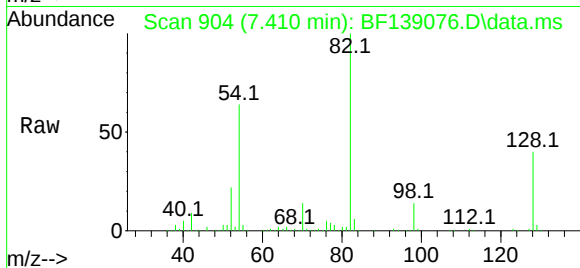




#23
Nitrobenzene-d5
Concen: 83.274 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

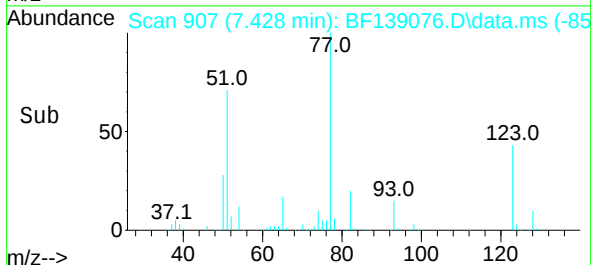
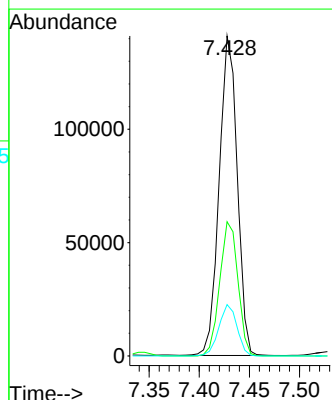
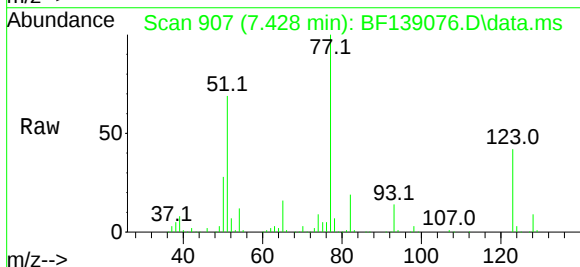
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

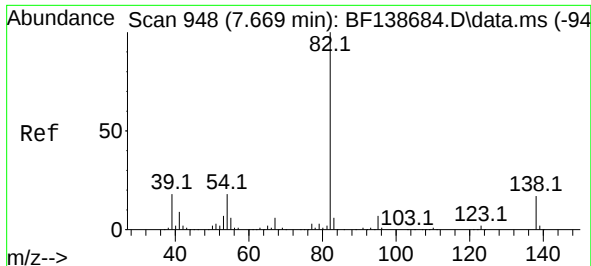
Tgt Ion: 82 Resp: 361737
Ion Ratio Lower Upper
82 100
128 40.5 32.8 49.2
54 63.7 48.3 72.5



#24
Nitrobenzene
Concen: 39.858 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion: 77 Resp: 176182
Ion Ratio Lower Upper
77 100
123 41.9 33.3 49.9
65 16.0 11.9 17.9

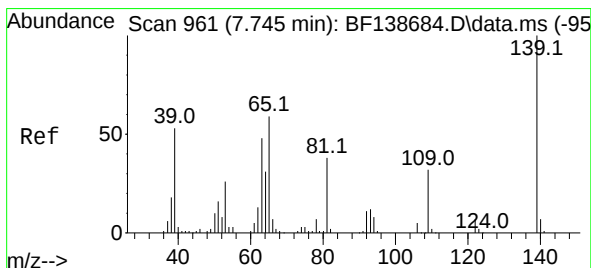
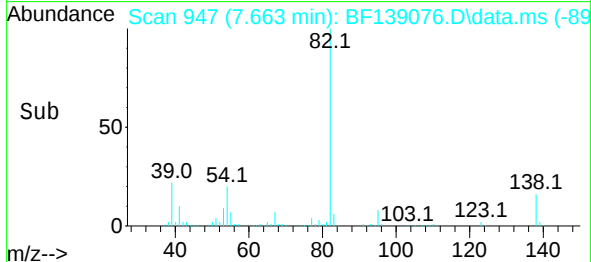
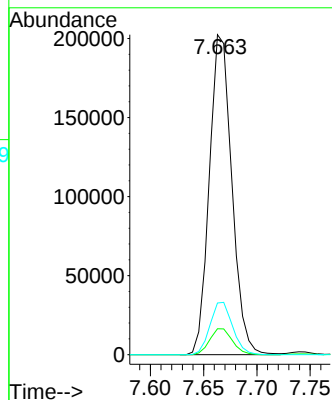
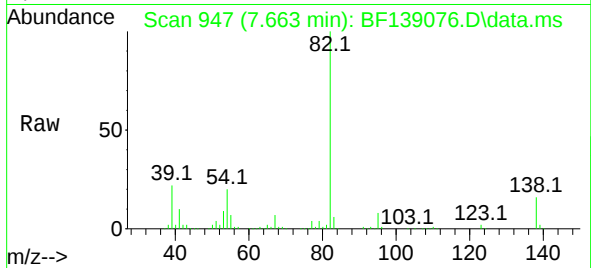




#25
Isophorone
Concen: 40.218 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

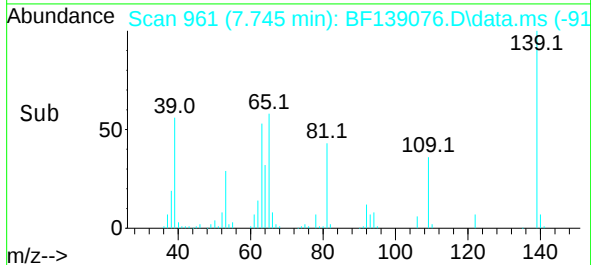
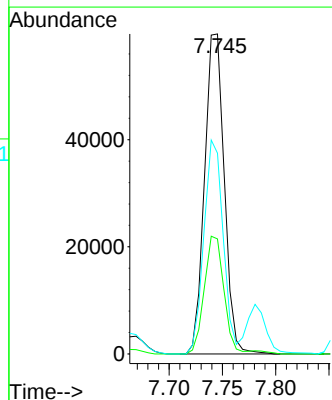
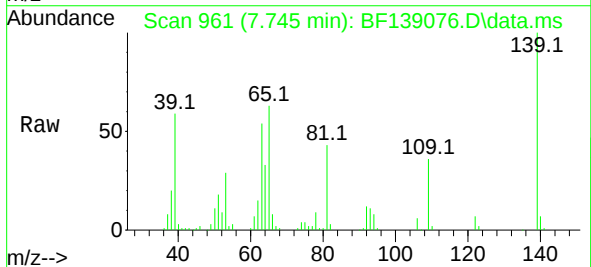
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

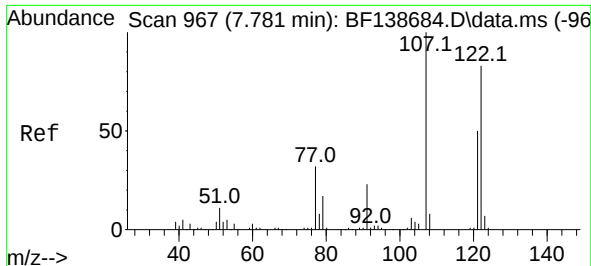
Tgt Ion: 82 Resp: 298313
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.2 13.7 20.5



#26
2-Nitrophenol
Concen: 40.641 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion: 139 Resp: 77288
Ion Ratio Lower Upper
139 100
109 35.9 25.9 38.9
65 62.7 47.0 70.6

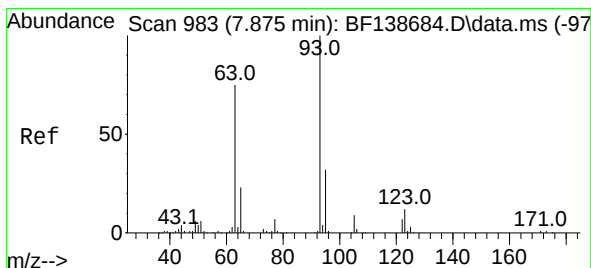
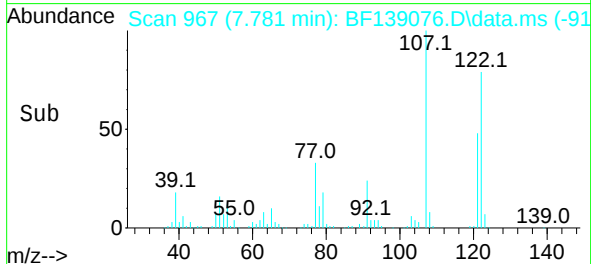
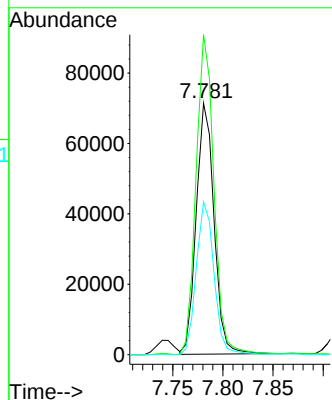
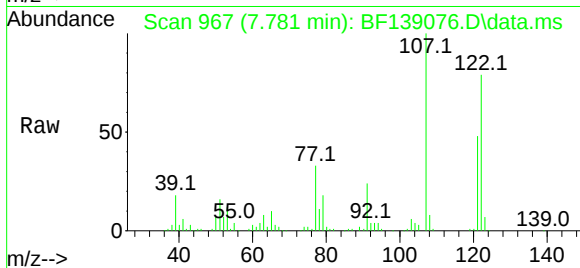




#27
2,4-Dimethylphenol
Concen: 38.838 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

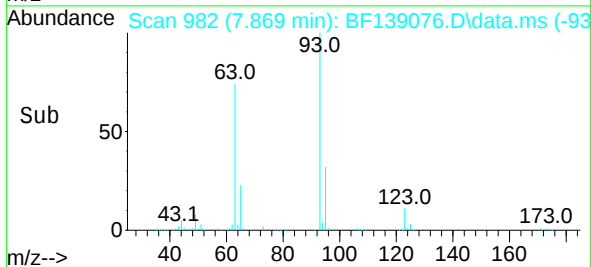
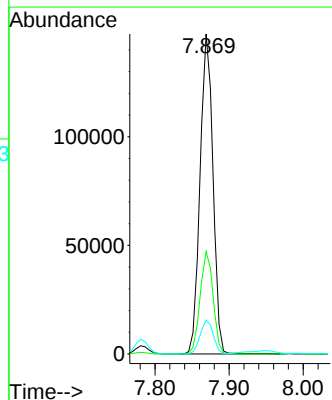
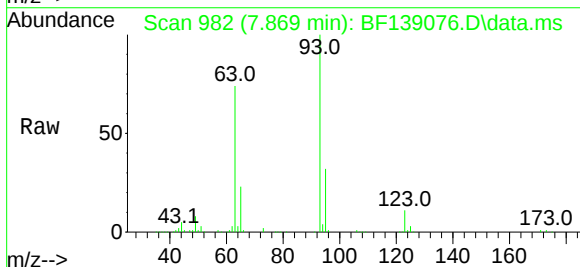
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

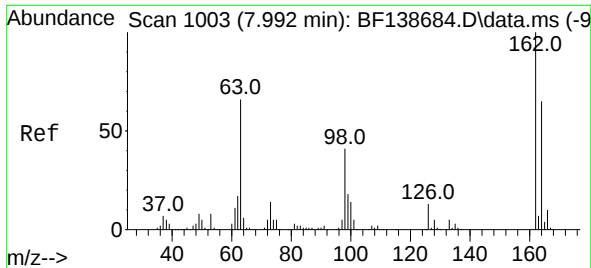
Tgt Ion:122 Resp: 88371
Ion Ratio Lower Upper
122 100
107 127.2 95.0 142.6
121 60.8 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.437 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

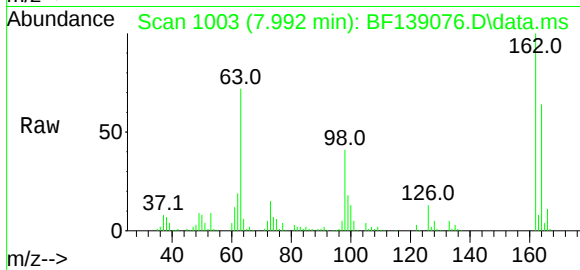
Tgt Ion: 93 Resp: 178139
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.8
123 10.6 9.4 14.0



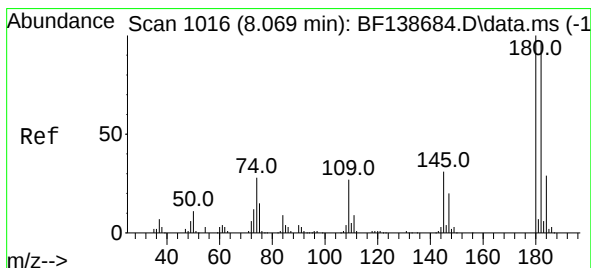
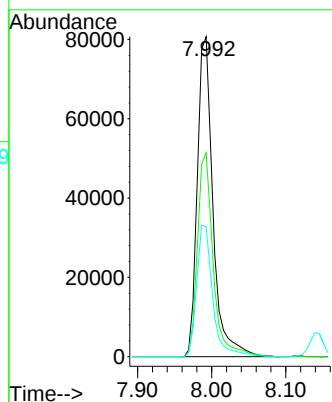
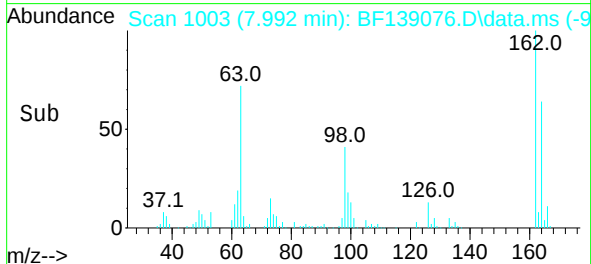


#29
2,4-Dichlorophenol
Concen: 40.451 ng
RT: 7.992 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

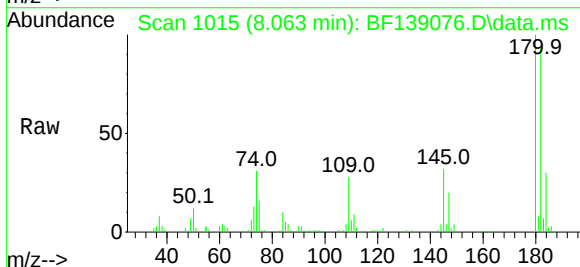
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



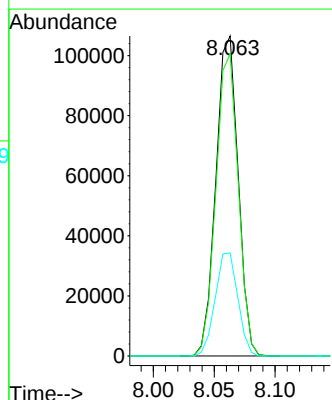
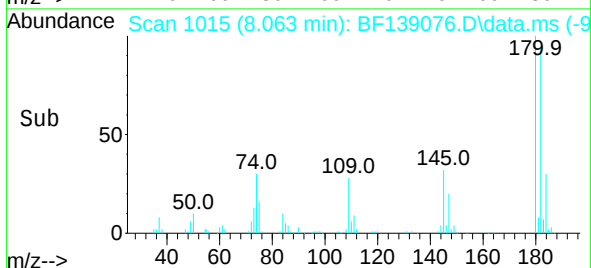
Tgt Ion:162 Resp: 118271
Ion Ratio Lower Upper
162 100
164 63.7 44.7 84.7
98 40.6 20.8 60.8

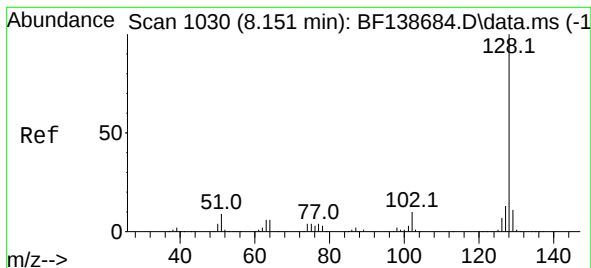


#30
1,2,4-Trichlorobenzene
Concen: 40.102 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18



Tgt Ion:180 Resp: 135310
Ion Ratio Lower Upper
180 100
182 94.4 76.9 115.3
145 32.2 25.0 37.4





#31

Naphthalene

Concen: 39.689 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

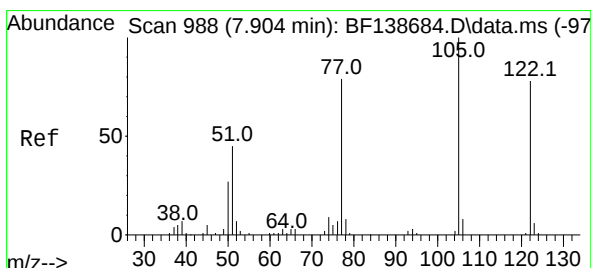
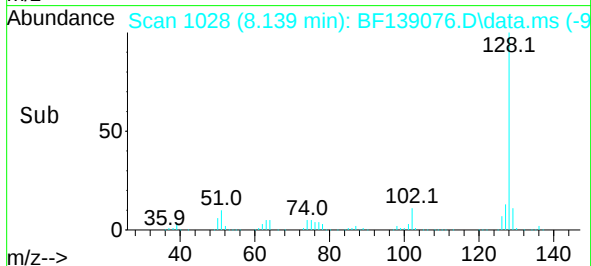
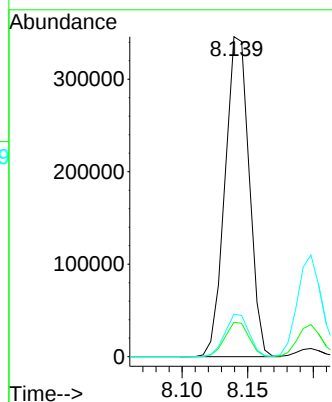
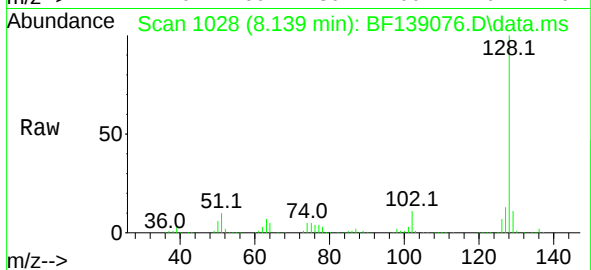
Tgt Ion:128 Resp: 443689

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 34.159 ng

RT: 7.951 min Scan# 996

Delta R.T. 0.047 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

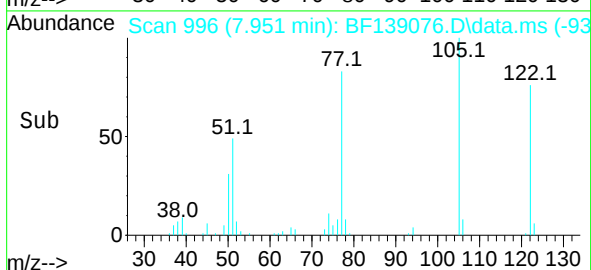
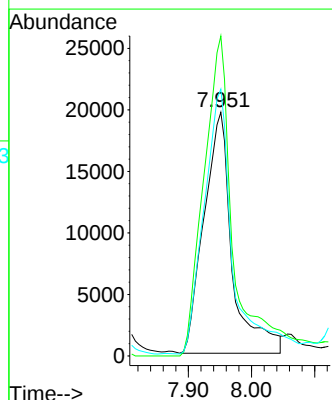
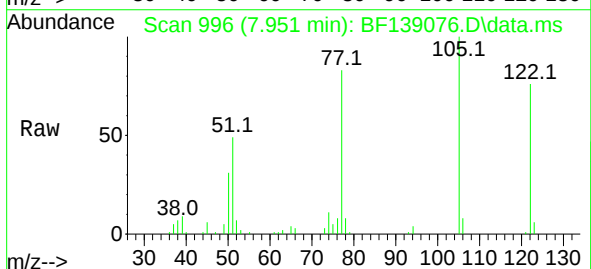
Tgt Ion:122 Resp: 61098

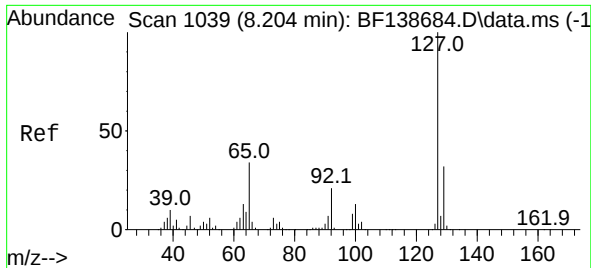
Ion Ratio Lower Upper

122 100

105 131.4 106.7 146.7

77 109.6 81.1 121.1

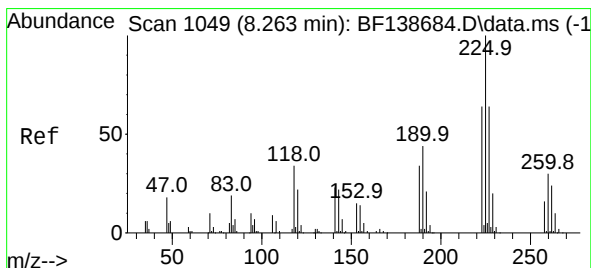
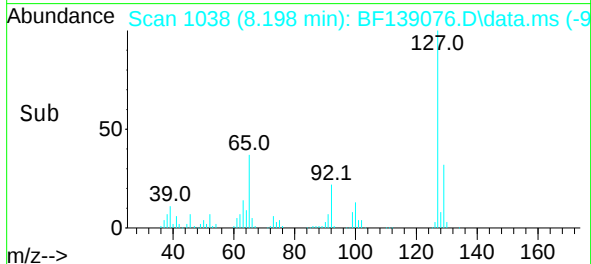
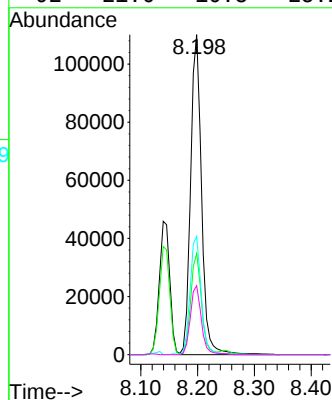
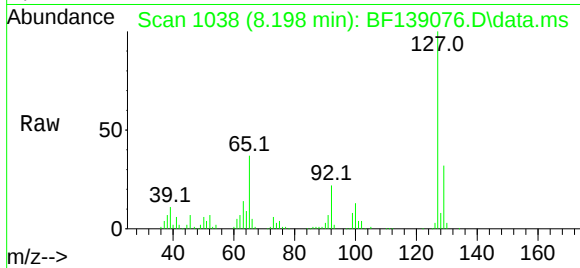




#33
4-Chloroaniline
Concen: 39.347 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

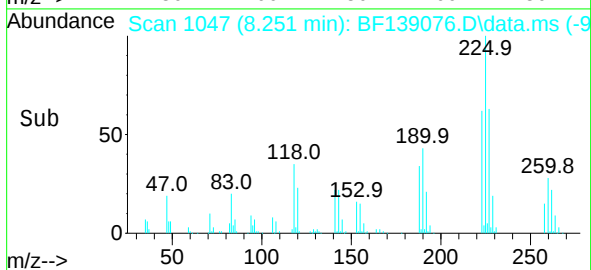
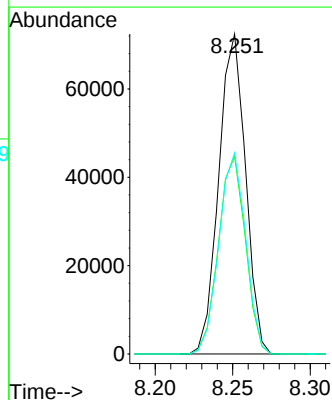
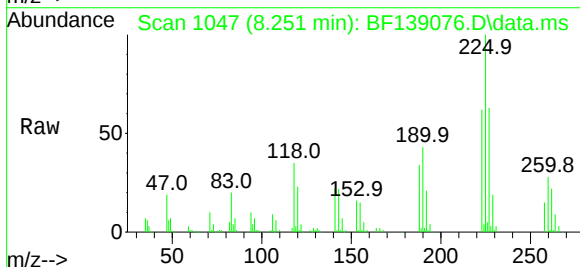
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

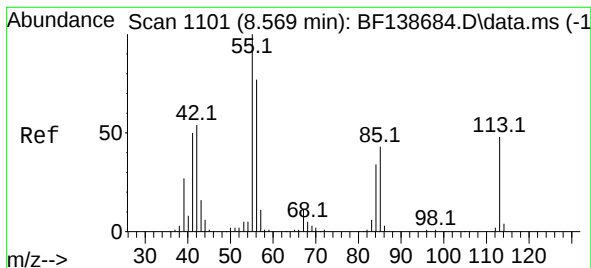
Tgt Ion:	127	Resp:	147653
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.9	38.9
65	37.0	27.6	41.4
92	21.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.567 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion:	225	Resp:	86994
Ion Ratio	Lower	Upper	
225	100		
223	61.7	51.2	76.8
227	62.9	51.1	76.7





#35

Caprolactam

Concen: 42.499 ng

RT: 8.586 min Scan# 1104

Delta R.T. 0.018 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

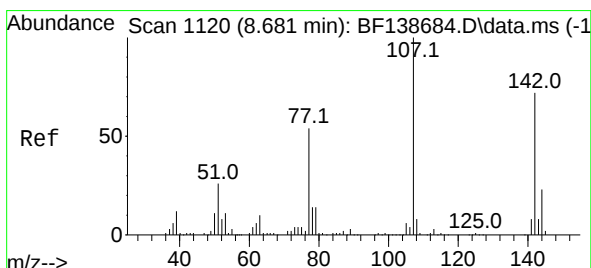
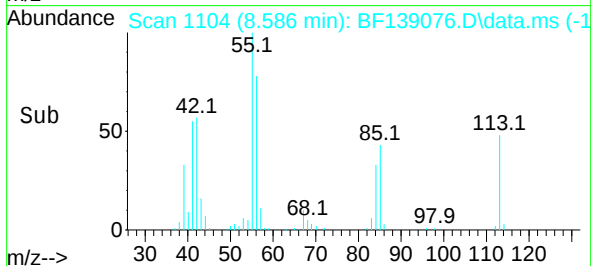
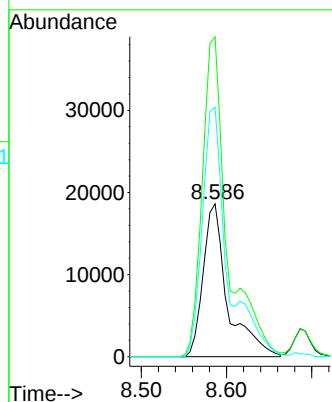
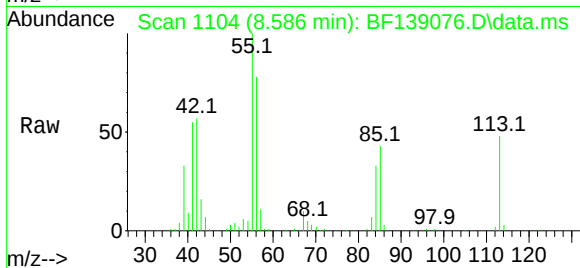
Tgt Ion:113 Resp: 37077

Ion Ratio Lower Upper

113 100

55 209.4 186.7 226.7

56 163.3 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 41.753 ng

RT: 8.686 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

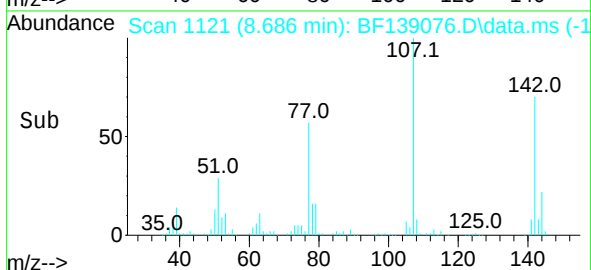
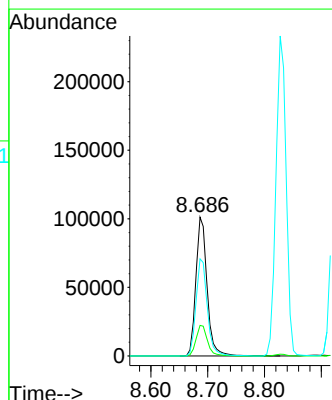
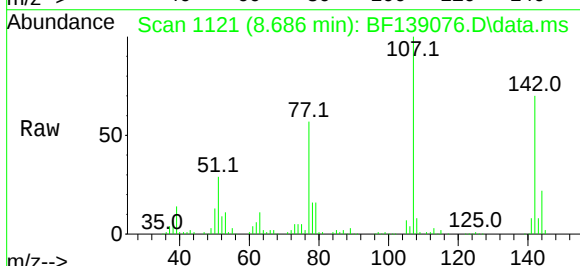
Tgt Ion:107 Resp: 139517

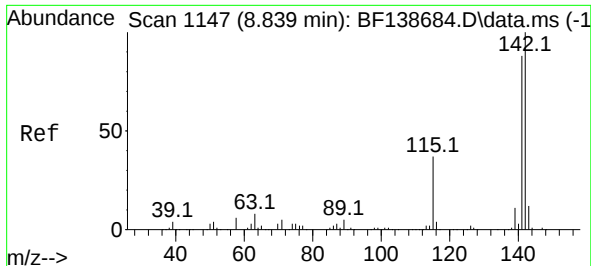
Ion Ratio Lower Upper

107 100

144 22.1 18.2 27.2

142 70.0 57.4 86.2





#37

2-Methylnaphthalene

Concen: 41.062 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

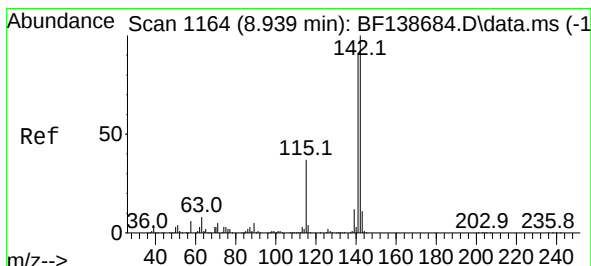
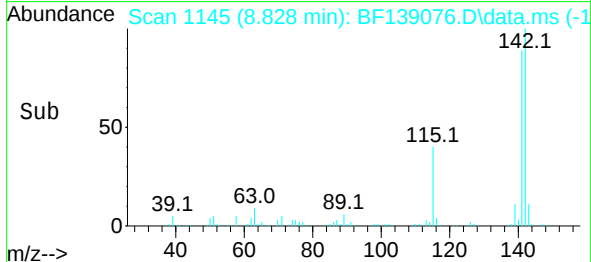
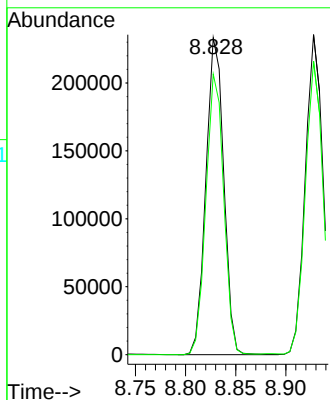
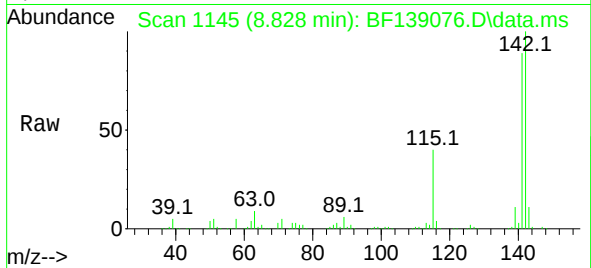
SSTDCCC040EC

Tgt Ion:142 Resp: 289906

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2



#38

1-Methylnaphthalene

Concen: 41.161 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139076.D

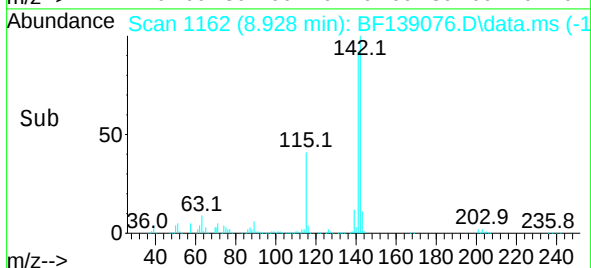
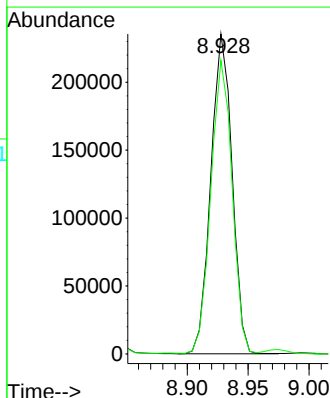
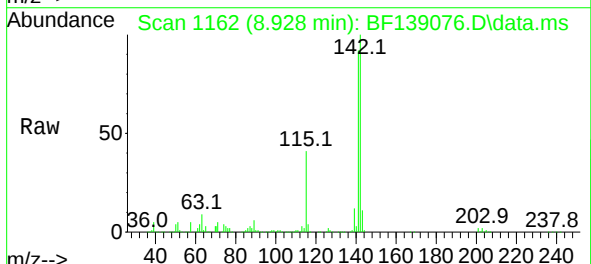
Acq: 19 Aug 2024 16:18

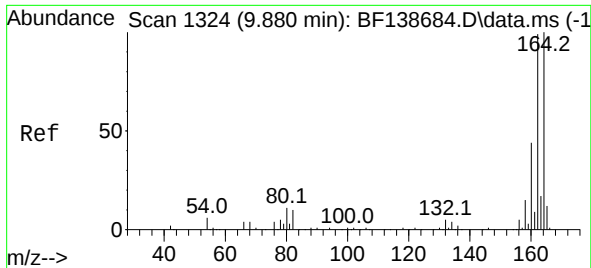
Tgt Ion:142 Resp: 284769

Ion Ratio Lower Upper

142 100

141 91.8 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. -0.011 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

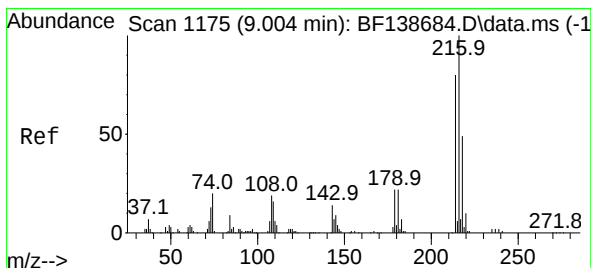
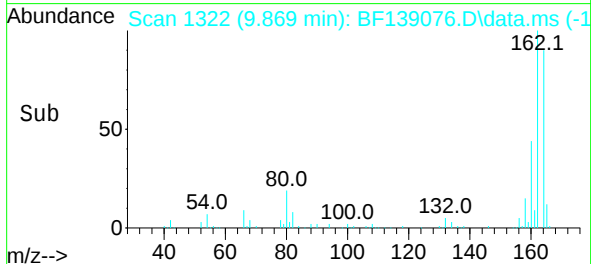
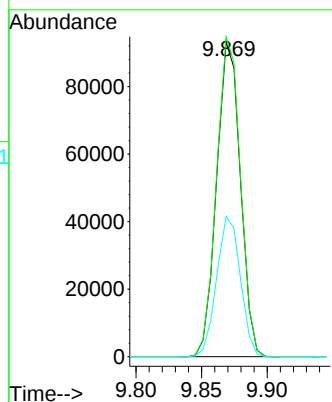
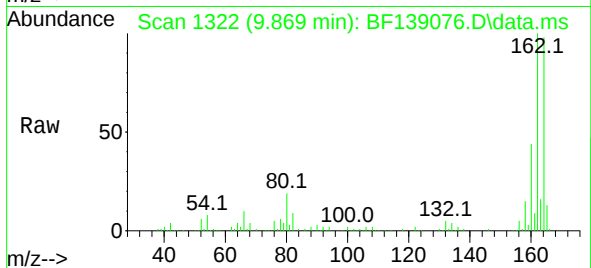
Tgt Ion:164 Resp: 117358

Ion Ratio Lower Upper

164 100

162 101.6 79.4 119.0

160 44.5 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.945 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Tgt Ion:216 Resp: 133484

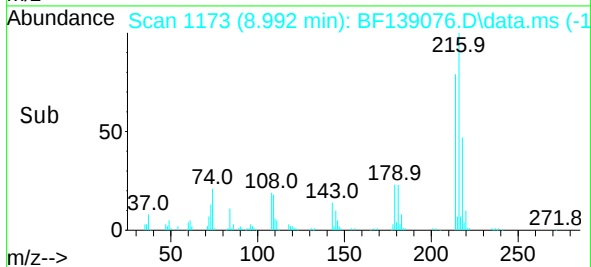
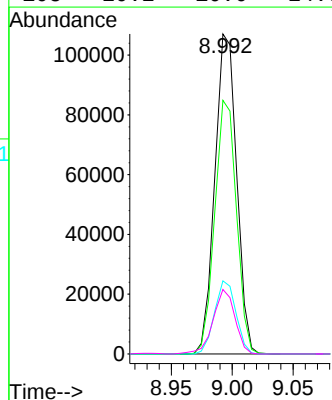
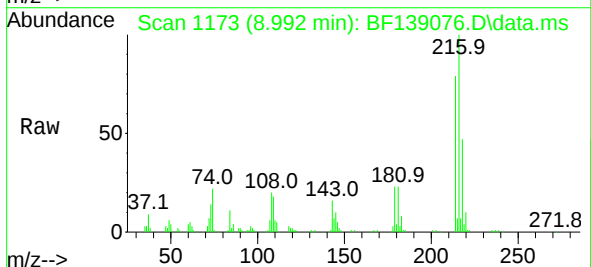
Ion Ratio Lower Upper

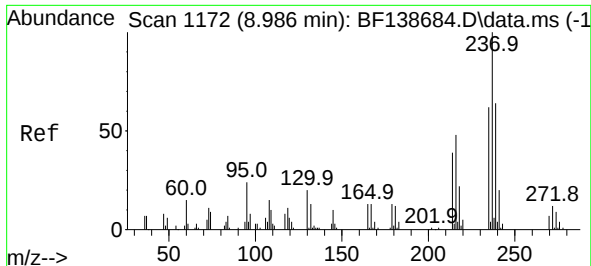
216 100

214 78.9 63.9 95.9

179 22.4 17.8 26.6

108 20.2 16.0 24.0

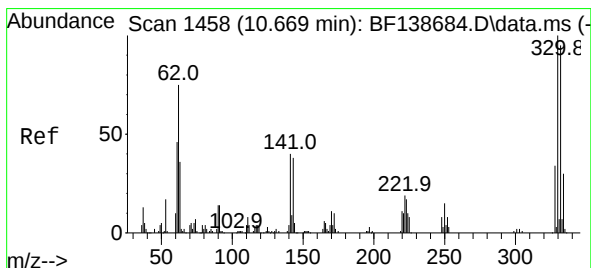
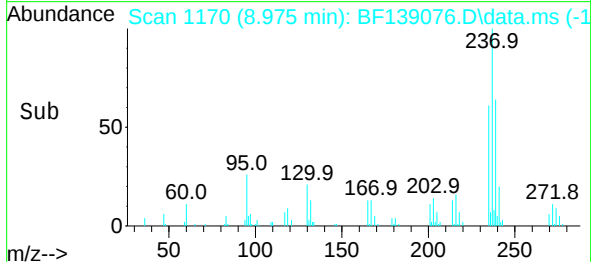
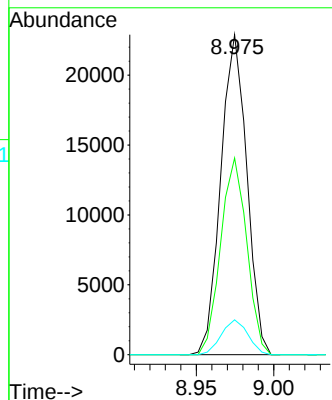
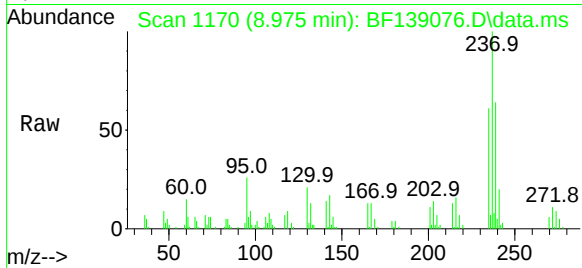




#41
Hexachlorocyclopentadiene
Concen: 35.236 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

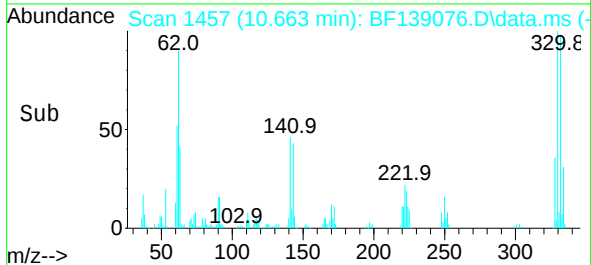
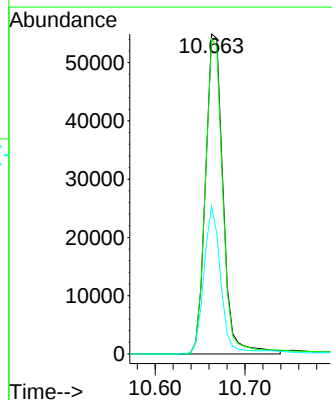
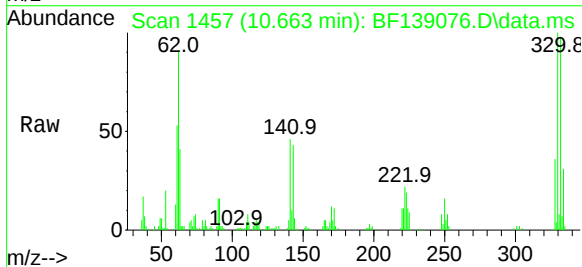
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

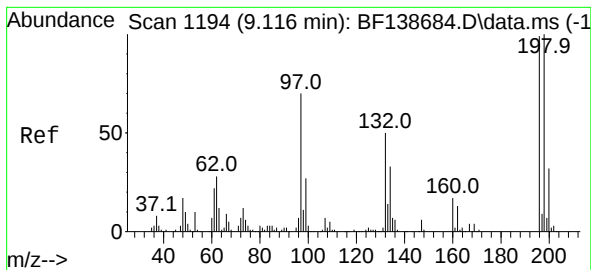
Tgt Ion:237 Resp: 26721
Ion Ratio Lower Upper
237 100
235 61.5 41.8 81.8
272 10.9 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 77.847 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion:330 Resp: 74836
Ion Ratio Lower Upper
330 100
332 99.9 76.4 114.6
141 43.9 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 38.485 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF139076.D

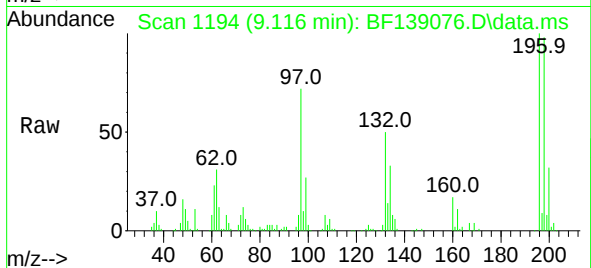
Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



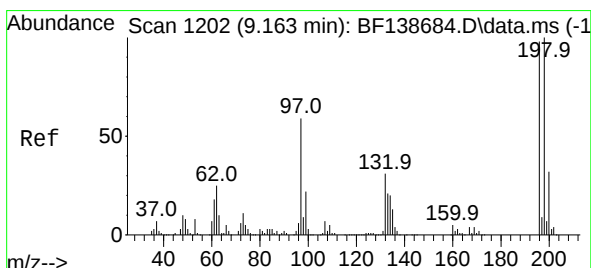
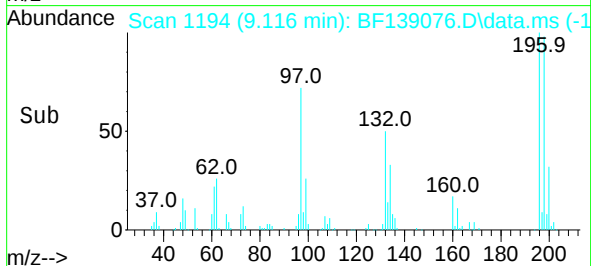
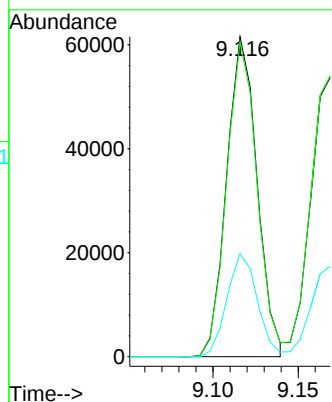
Tgt Ion:196 Resp: 76496

Ion Ratio Lower Upper

196 100

198 98.3 80.5 120.7

200 32.2 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 40.124 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Tgt Ion:196 Resp: 87189

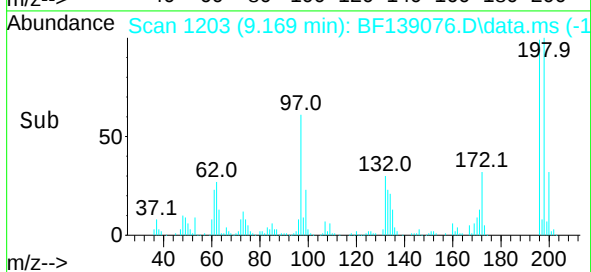
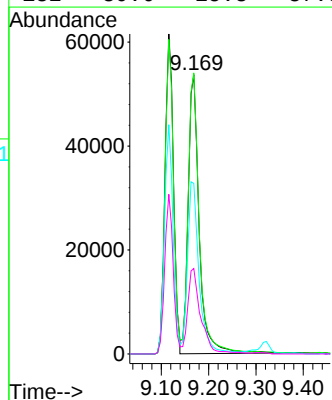
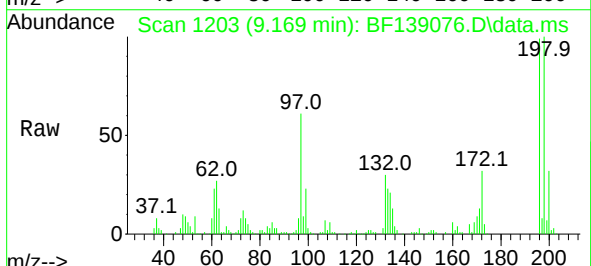
Ion Ratio Lower Upper

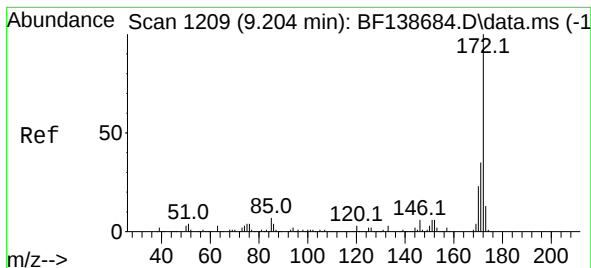
196 100

198 100.6 81.2 121.8

97 61.1 47.8 71.6

132 30.6 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 82.969 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

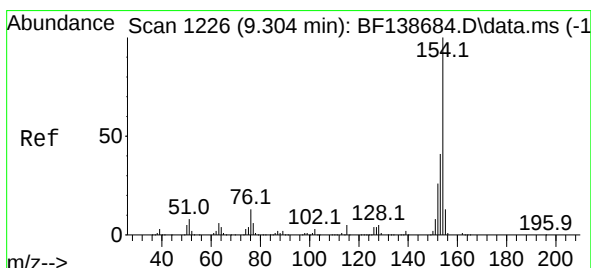
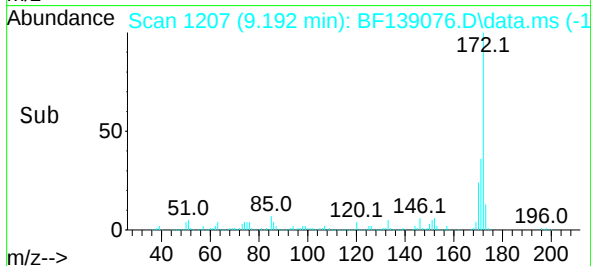
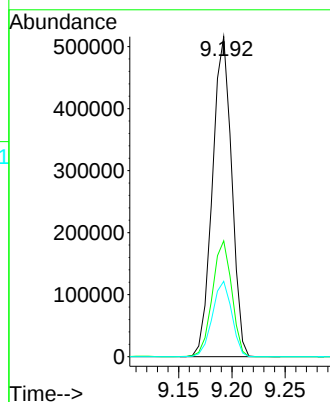
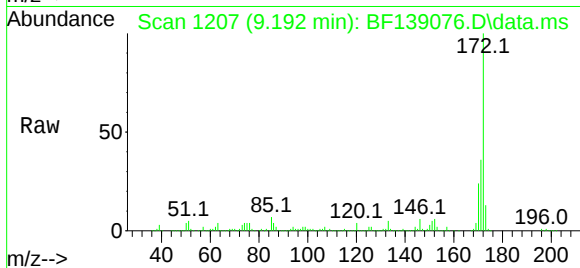
Tgt Ion:172 Resp: 648062

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 40.528 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

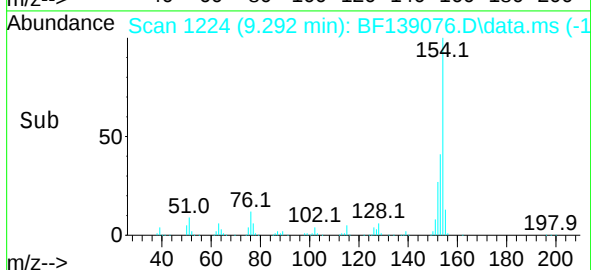
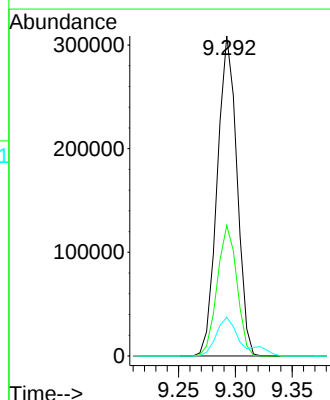
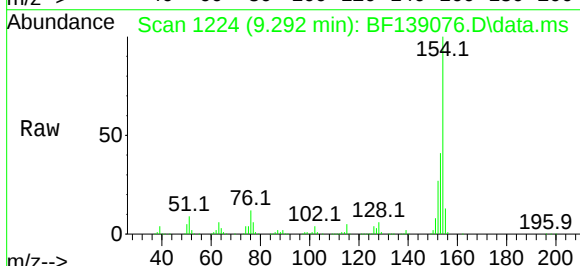
Tgt Ion:154 Resp: 372506

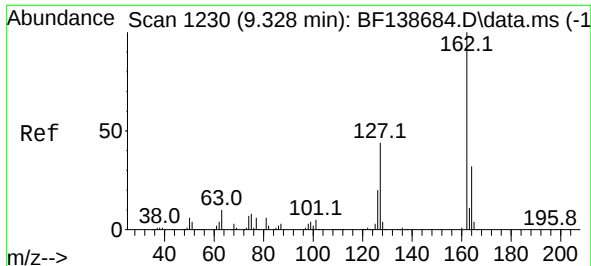
Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

76 12.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.306 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

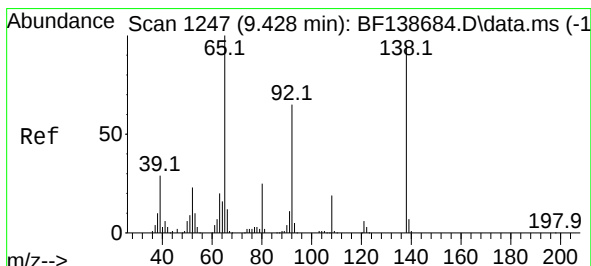
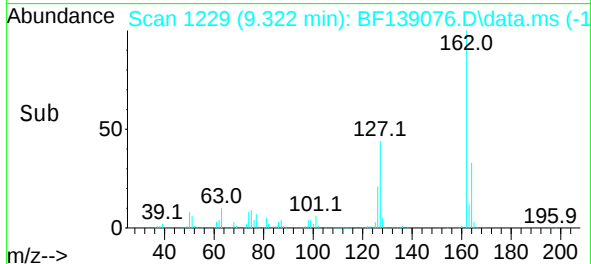
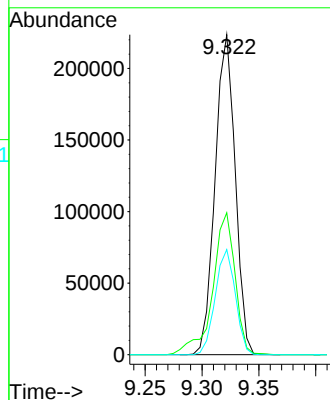
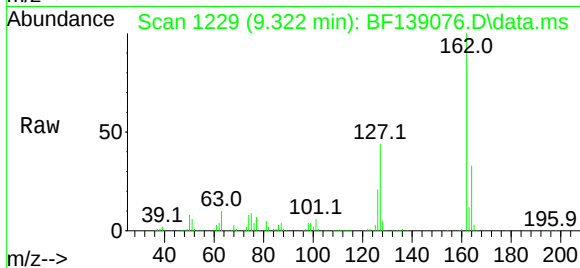
Tgt Ion:162 Resp: 275524

Ion Ratio Lower Upper

162 100

127 44.4 35.4 53.2

164 32.9 25.6 38.4



#48

2-Nitroaniline

Concen: 42.561 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

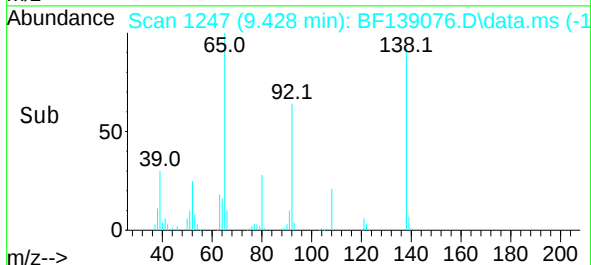
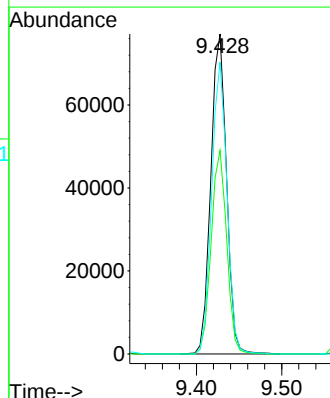
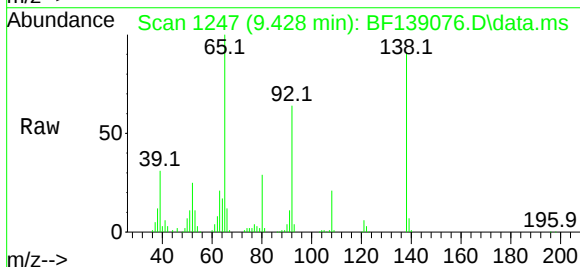
Tgt Ion: 65 Resp: 98632

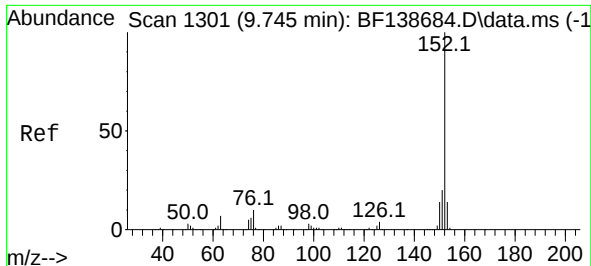
Ion Ratio Lower Upper

65 100

92 63.6 52.0 78.0

138 91.2 76.2 114.4





#49

Acenaphthylene

Concen: 39.490 ng

RT: 9.733 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

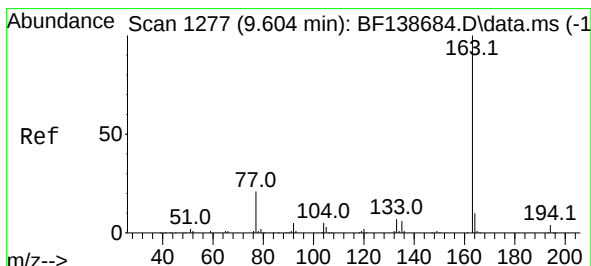
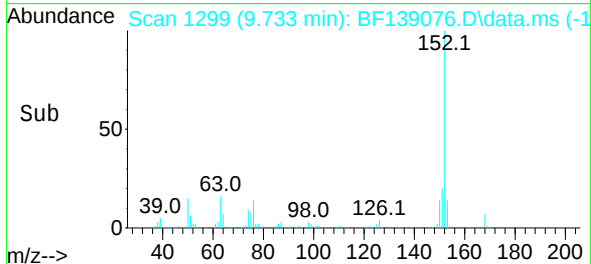
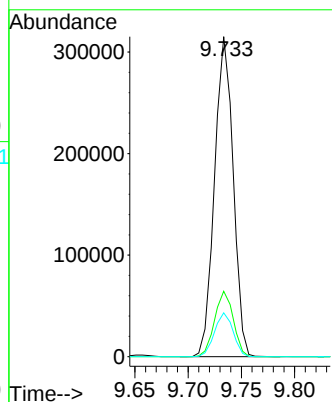
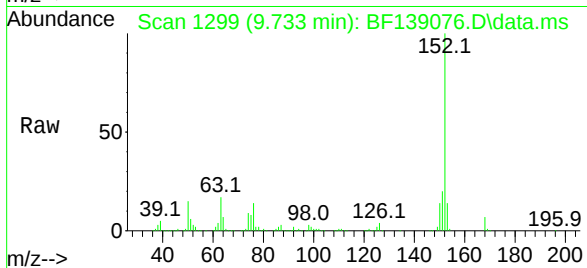
Tgt Ion:152 Resp: 382864

Ion Ratio Lower Upper

152 100

151 20.5 16.0 24.0

153 13.7 11.0 16.4



#50

Dimethylphthalate

Concen: 42.439 ng

RT: 9.592 min Scan# 1275

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

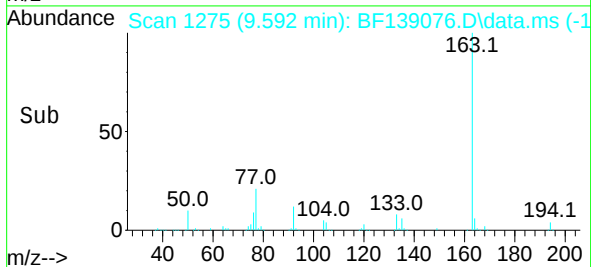
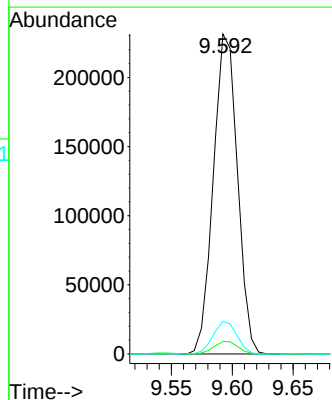
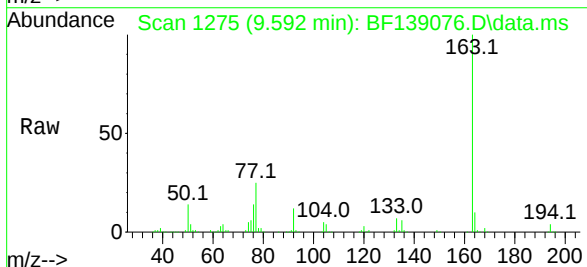
Tgt Ion:163 Resp: 318463

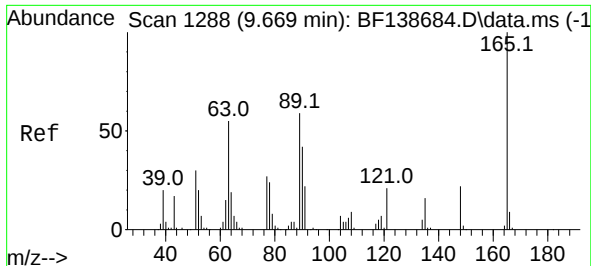
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 7.8 11.8

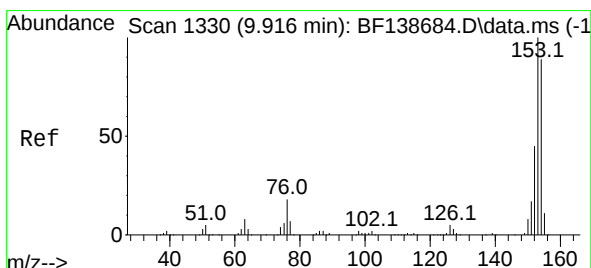
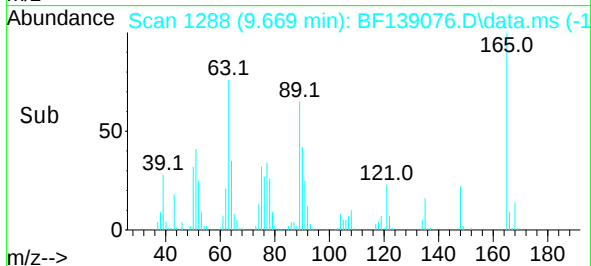
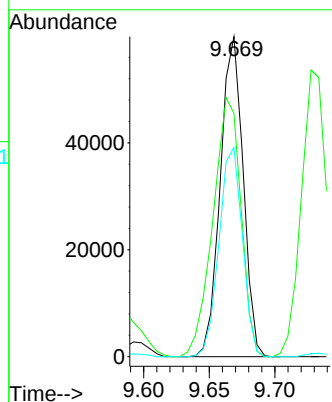
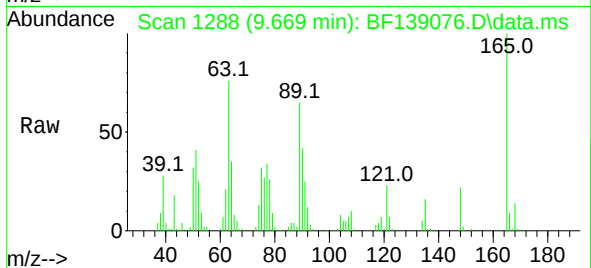




#51
2,6-Dinitrotoluene
Concen: 42.770 ng
RT: 9.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

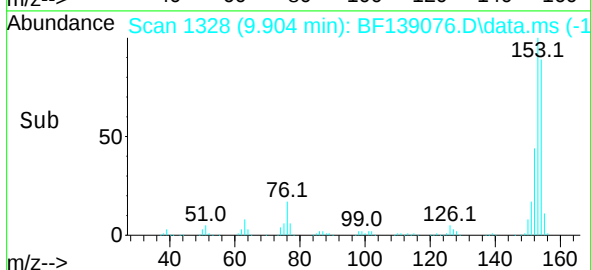
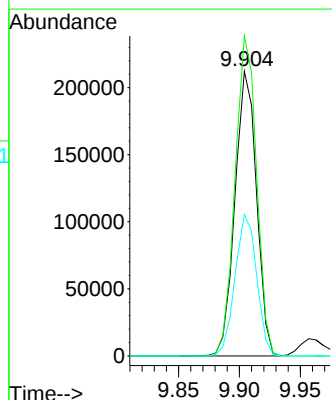
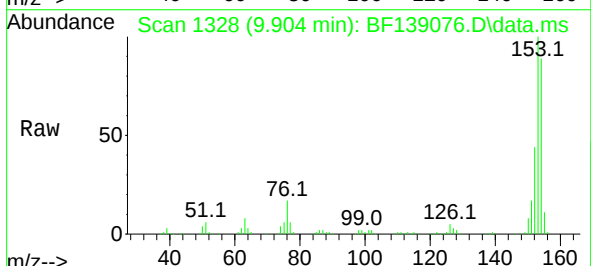
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

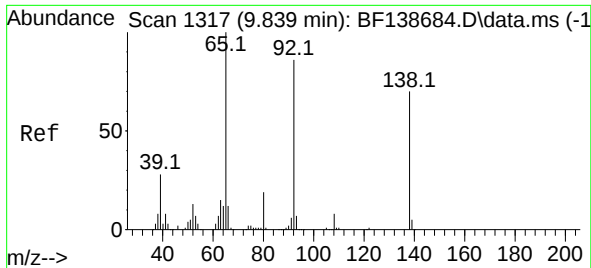
Tgt Ion:165 Resp: 72431
Ion Ratio Lower Upper
165 100
63 76.0 52.0 78.0
89 65.3 47.0 70.6



#52
Acenaphthene
Concen: 40.238 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion:154 Resp: 262247
Ion Ratio Lower Upper
154 100
153 112.4 89.9 134.9
152 49.8 40.6 60.8





#53

3-Nitroaniline

Concen: 38.236 ng

RT: 9.839 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

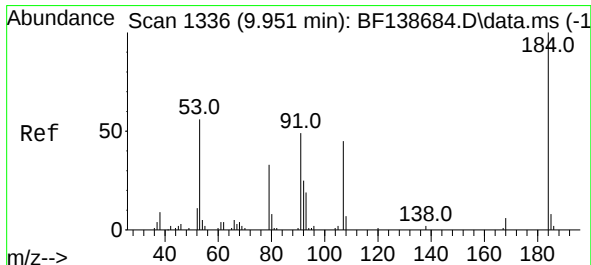
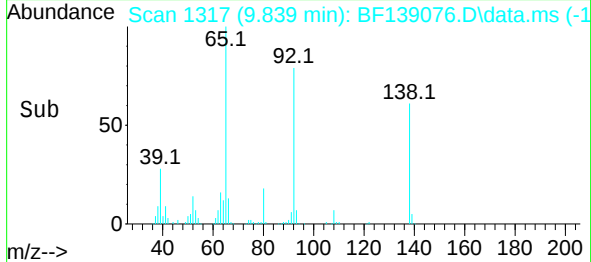
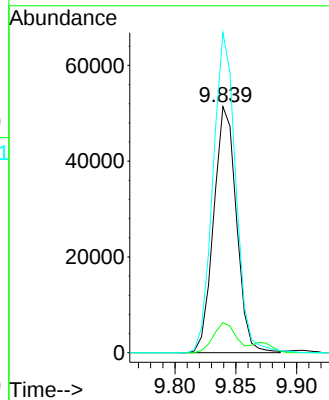
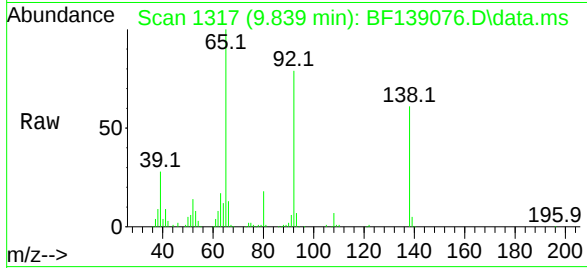
Tgt Ion:138 Resp: 66940

Ion Ratio Lower Upper

138 100

108 12.2 9.1 13.7

92 130.0 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 37.356 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

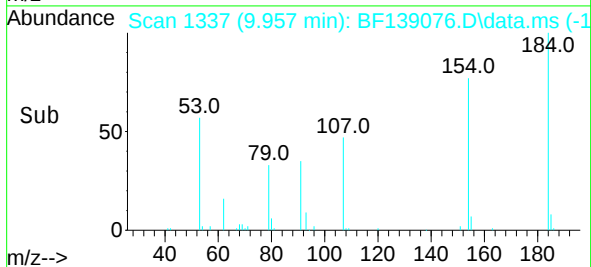
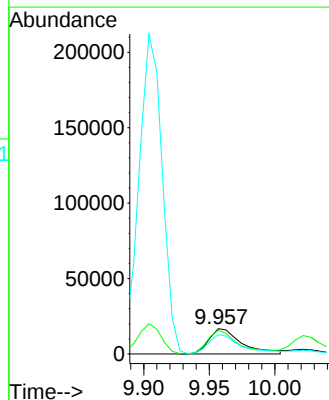
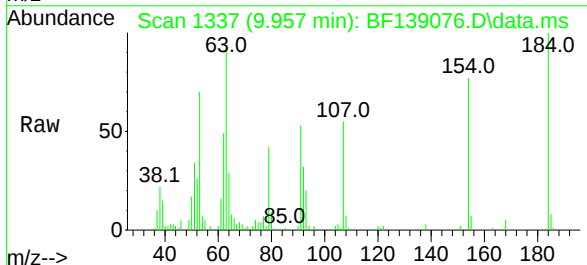
Tgt Ion:184 Resp: 29122

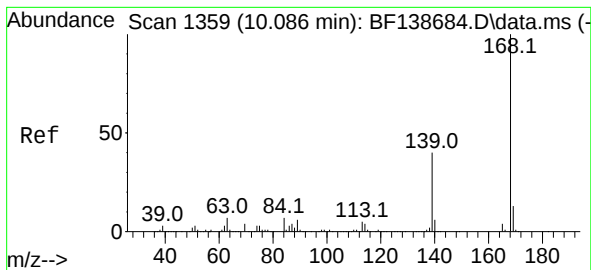
Ion Ratio Lower Upper

184 100

63 93.7 57.5 86.3#

154 76.8 51.7 77.5





#55

Dibenzenofuran

Concen: 40.215 ng

RT: 10.075 min Scan# 1357

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

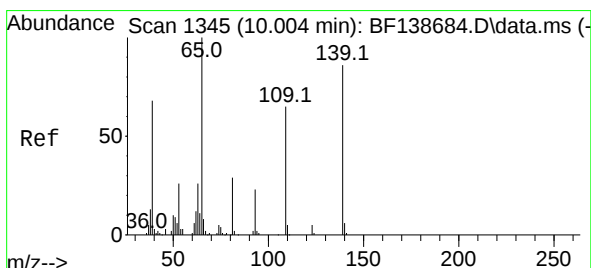
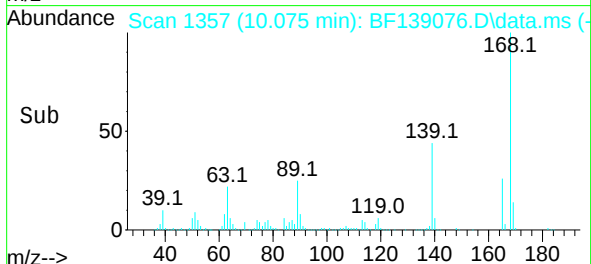
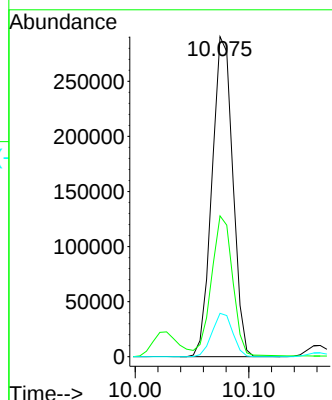
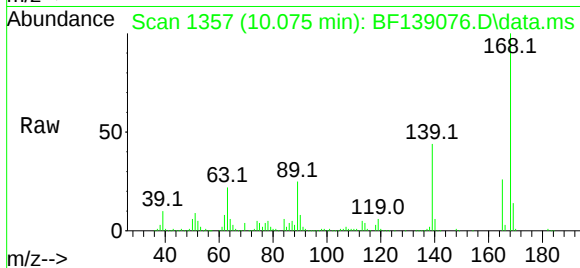
Tgt Ion:168 Resp: 369975

Ion Ratio Lower Upper

168 100

139 44.0 32.6 49.0

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 34.779 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.024 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

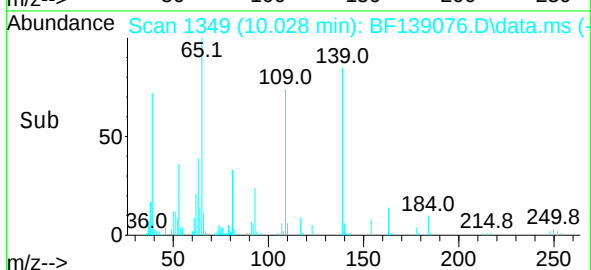
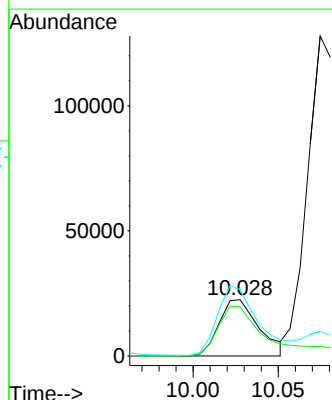
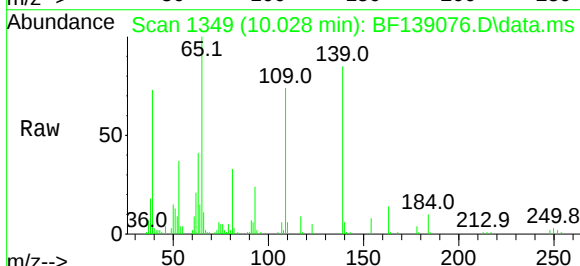
Tgt Ion:139 Resp: 36615

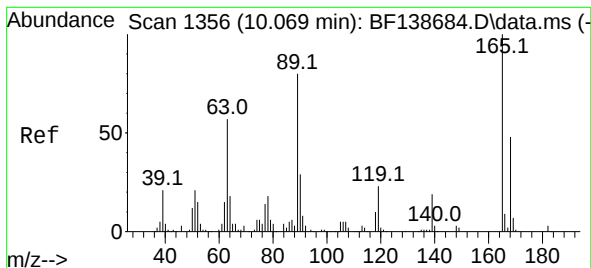
Ion Ratio Lower Upper

139 100

109 87.0 55.5 95.5

65 117.8 96.7 136.7

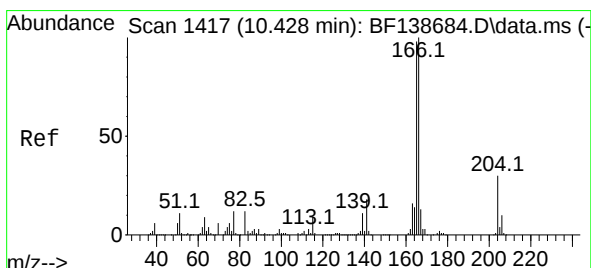
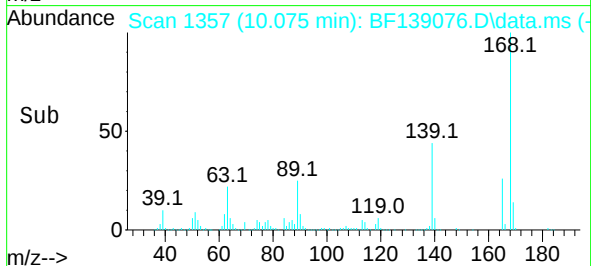
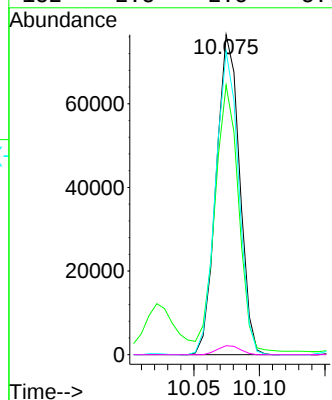
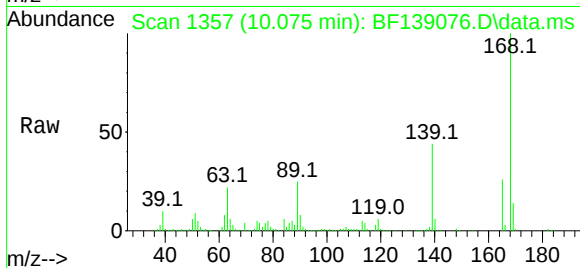




#57
2,4-Dinitrotoluene
Concen: 43.610 ng
RT: 10.075 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

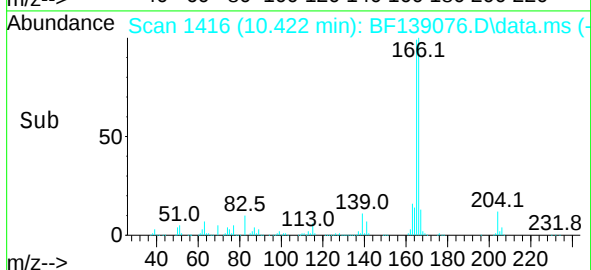
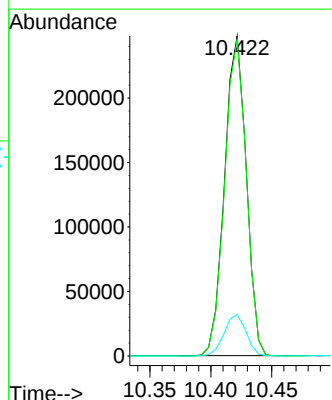
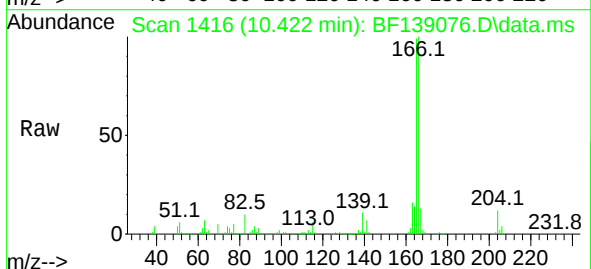
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

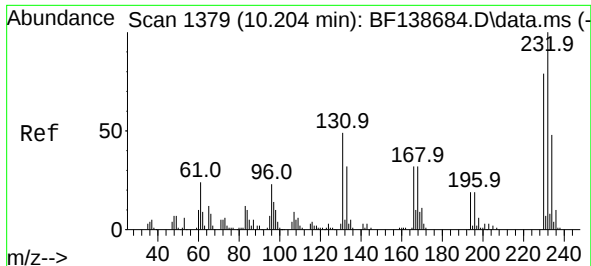
Tgt Ion:165 Resp: 94226
Ion Ratio Lower Upper
165 100
63 84.3 46.3 69.5#
89 94.8 64.2 96.4
182 2.8 2.5 3.7



#58
Fluorene
Concen: 41.883 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion:166 Resp: 306841
Ion Ratio Lower Upper
166 100
165 98.9 78.4 117.6
167 13.0 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.792 ng

RT: 10.204 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BF139076.D

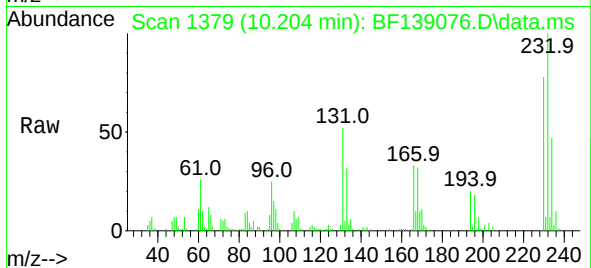
Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:232 Resp: 67767

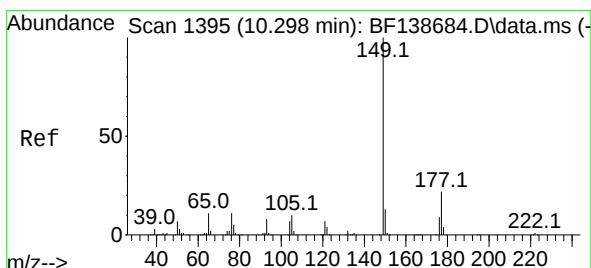
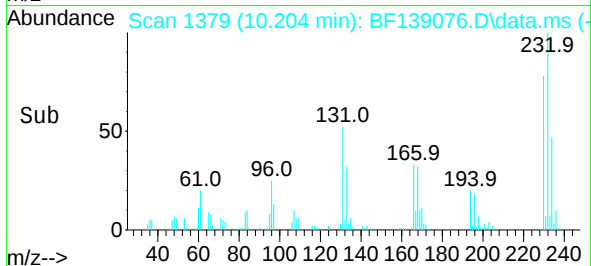
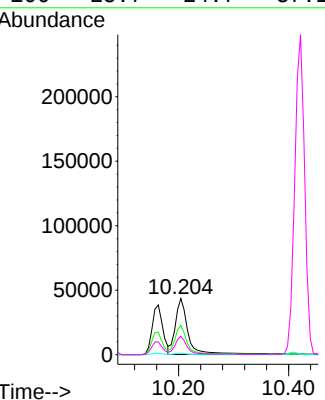
Ion Ratio Lower Upper

232 100

131 50.7 37.0 55.4

130 2.7 2.0 3.0

166 28.7 24.7 37.1



#60

Diethylphthalate

Concen: 45.005 ng

RT: 10.292 min Scan# 1394

Delta R.T. -0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

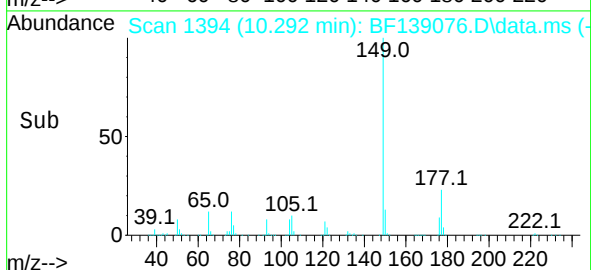
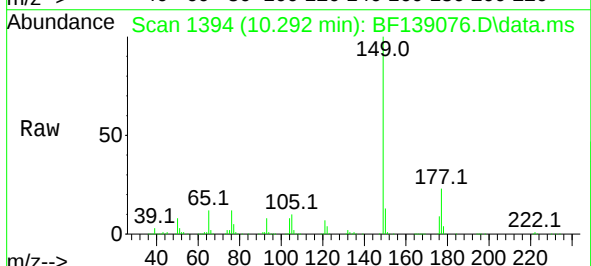
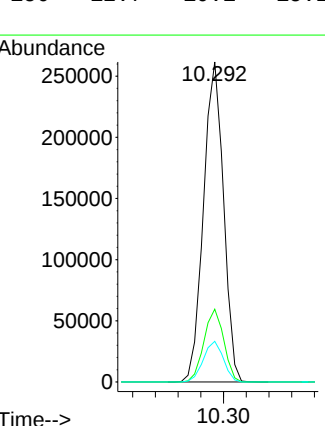
Tgt Ion:149 Resp: 320219

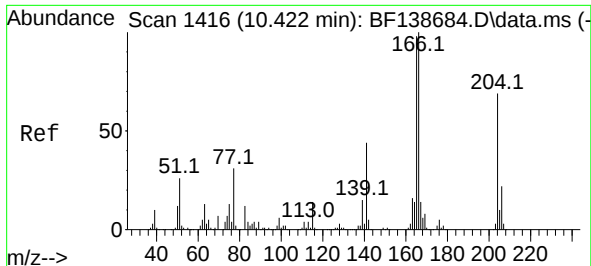
Ion Ratio Lower Upper

149 100

177 22.8 17.8 26.8

150 12.7 10.1 15.1

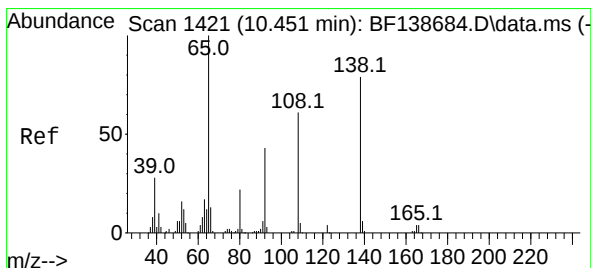
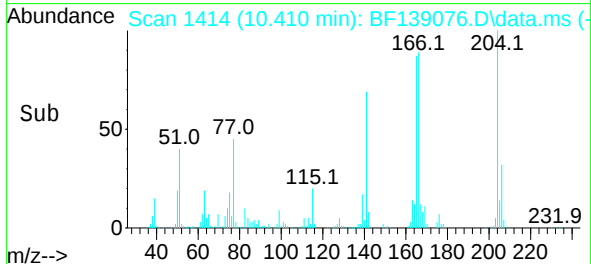
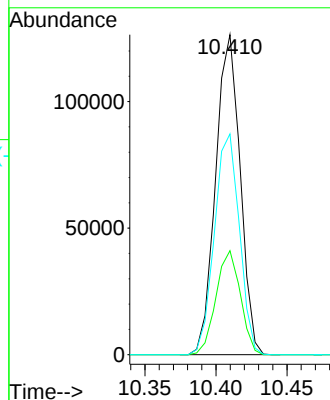
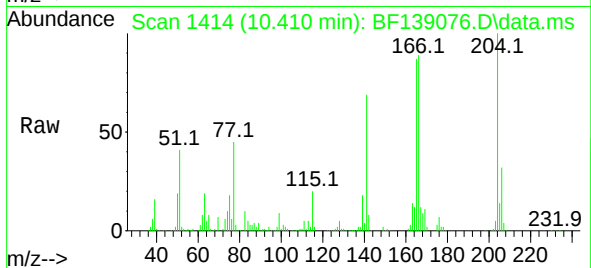




#61
4-Chlorophenyl-phenylether
Concen: 42.099 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

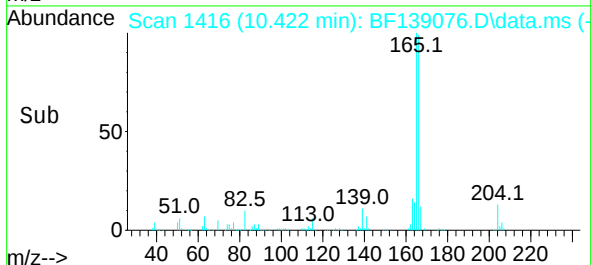
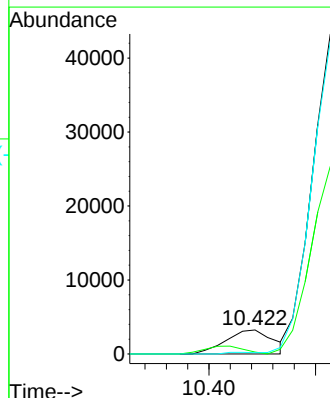
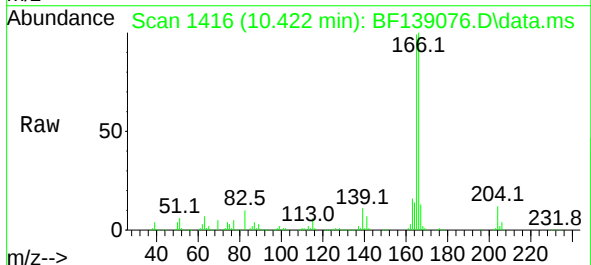
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

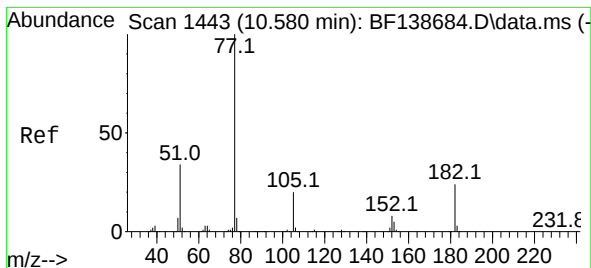
Tgt Ion:204 Resp: 151689
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 69.0 51.4 77.0



#62
4-Nitroaniline
Concen: 2.949 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.029 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion:138 Resp: 4907
Ion Ratio Lower Upper
138 100
92 8.1 34.2 74.2#
108 5.6 56.2 96.2#





#63

Azobenzene

Concen: 41.591 ng

RT: 10.569 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 328211

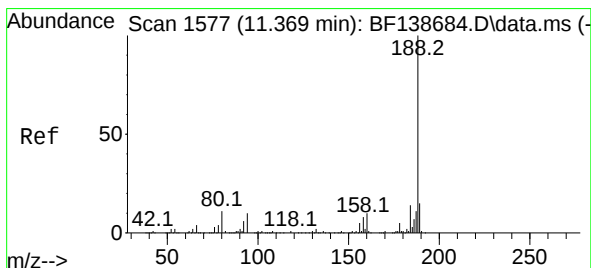
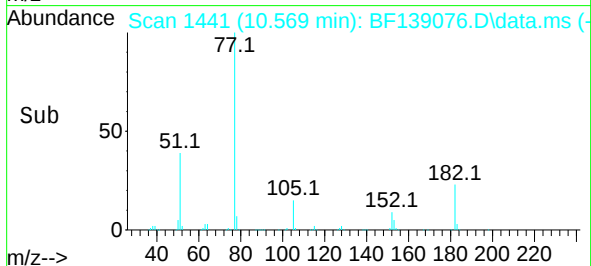
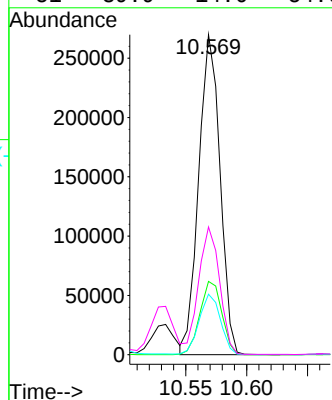
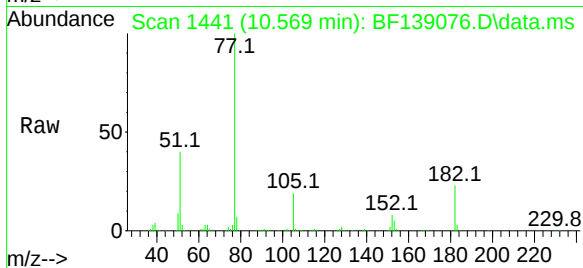
Ion Ratio Lower Upper

77 100

182 22.9 3.4 43.4

105 18.9 0.2 40.2

51 39.9 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: BF139076.D

Acq: 19 Aug 2024 16:18

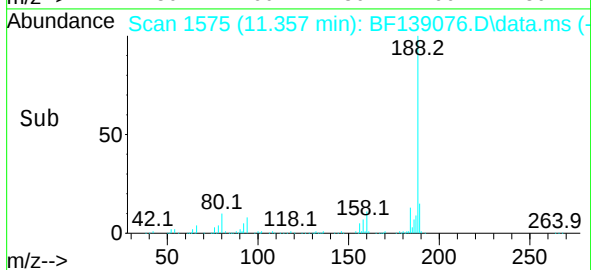
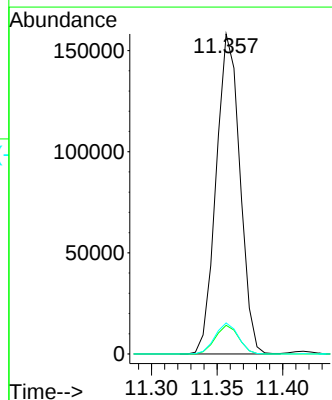
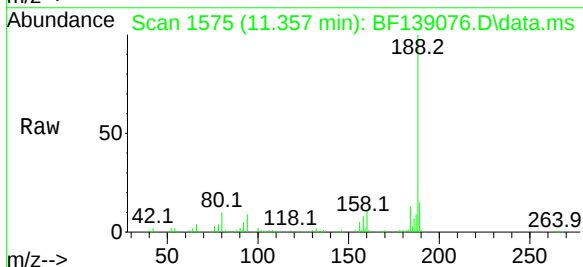
Tgt Ion: 188 Resp: 199268

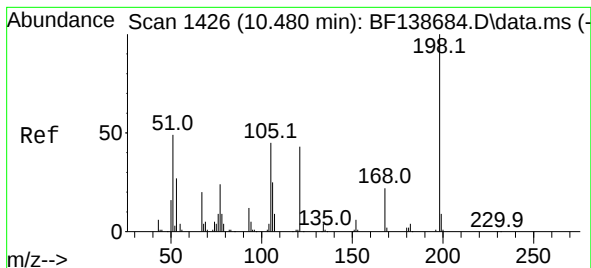
Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.7 8.6 12.8

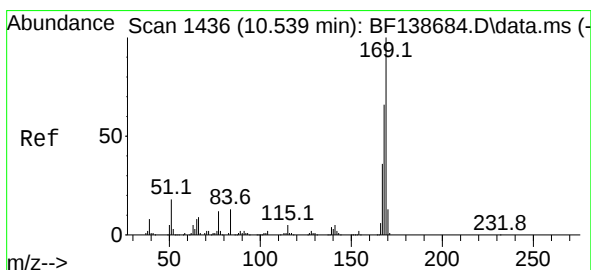
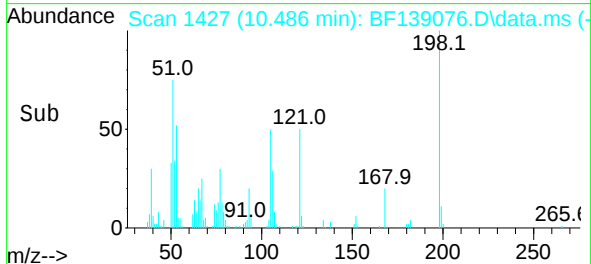
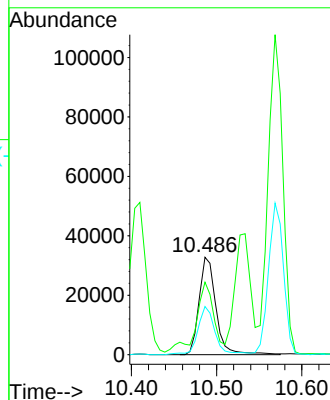
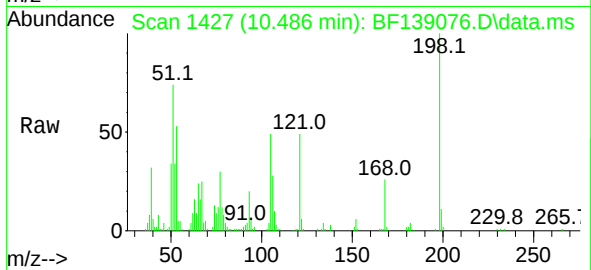




#65
4,6-Dinitro-2-methylphenol
Concen: 37.256 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

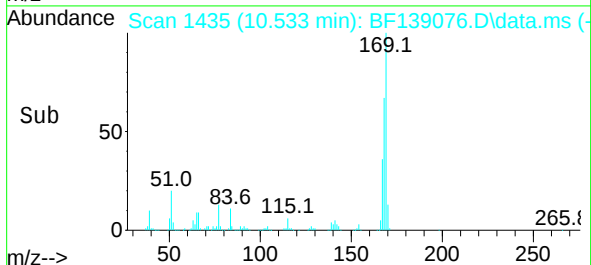
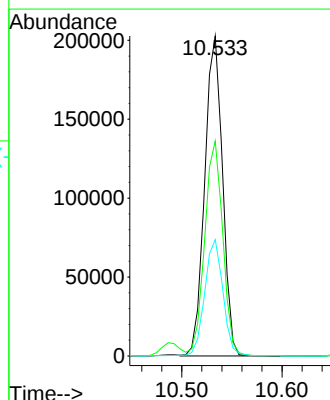
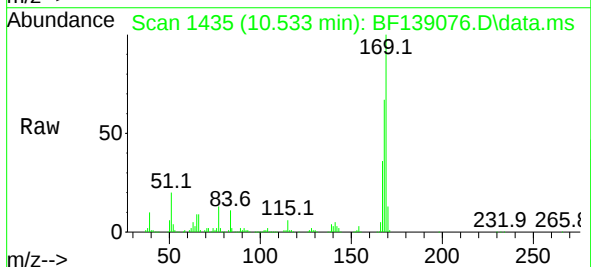
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

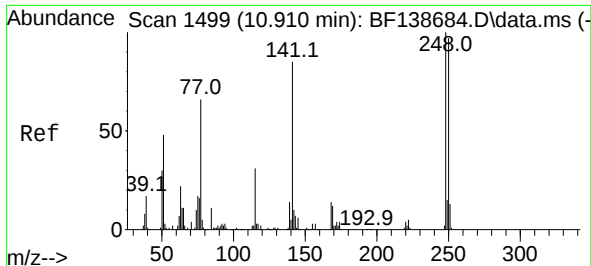
Tgt Ion:198 Resp: 45292
Ion Ratio Lower Upper
198 100
51 74.3 39.9 79.9
105 49.4 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 40.323 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion:169 Resp: 251162
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.3 29.0 43.6

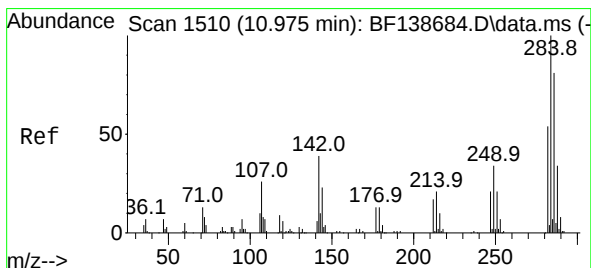
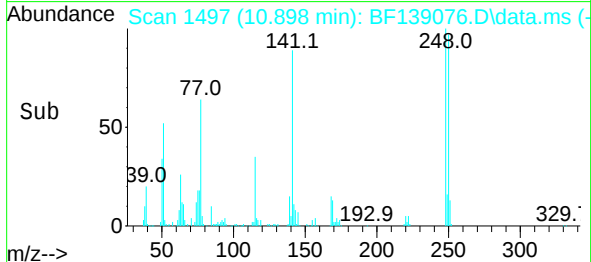
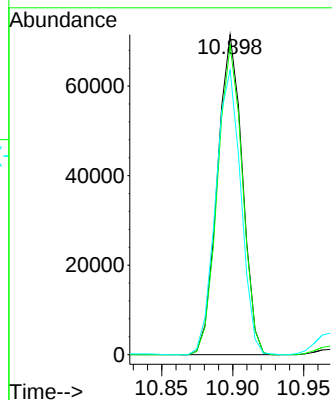
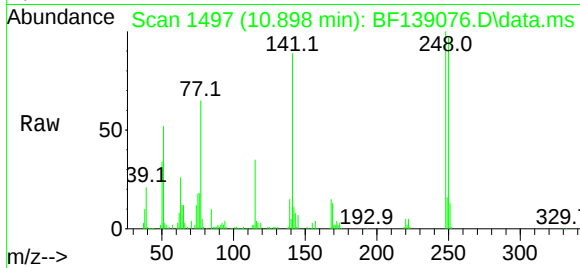




#67
4-Bromophenyl-phenylether
Concen: 40.316 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

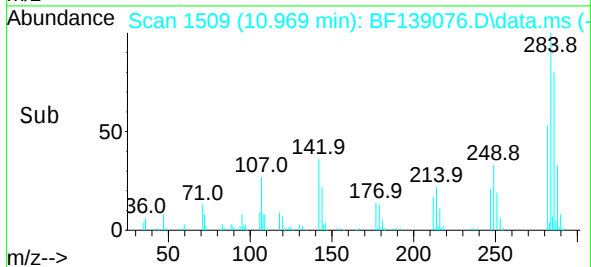
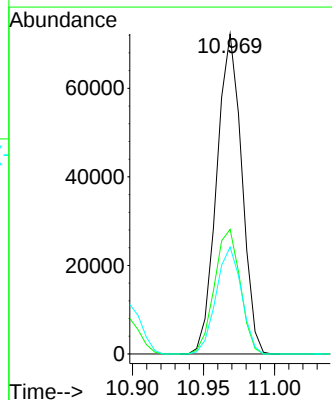
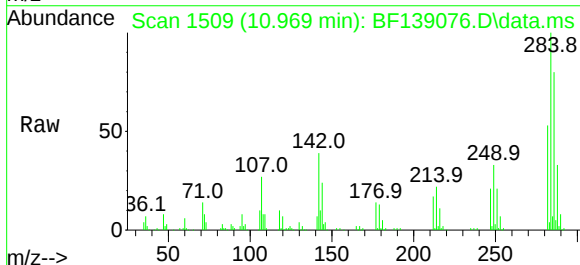
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

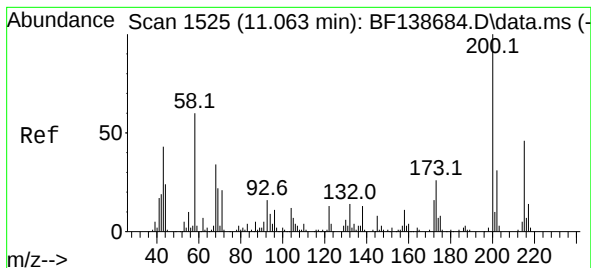
Tgt Ion:248 Resp: 86979
Ion Ratio Lower Upper
248 100
250 96.6 77.7 116.5
141 89.0 68.0 102.0



#68
Hexachlorobenzene
Concen: 39.729 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion:284 Resp: 88500
Ion Ratio Lower Upper
284 100
142 39.0 31.3 46.9
249 33.4 27.2 40.8





#69

Atrazine

Concen: 31.765 ng

RT: 11.057 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

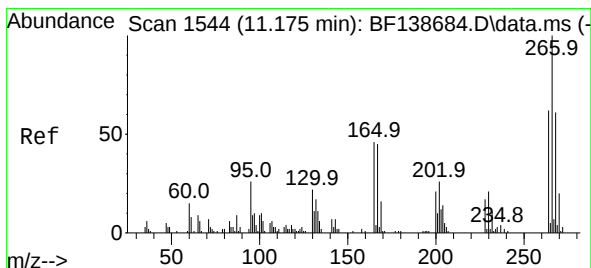
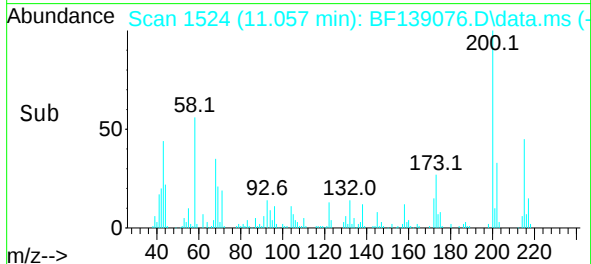
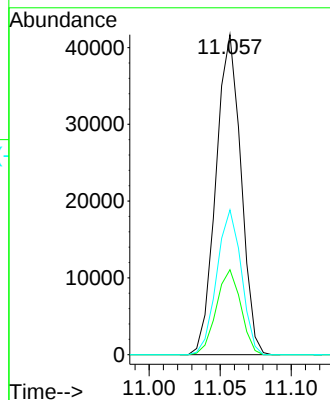
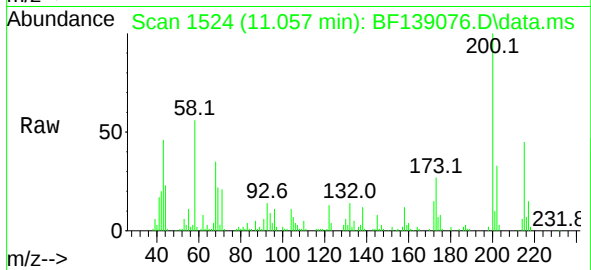
Tgt Ion:200 Resp: 51047

Ion Ratio Lower Upper

200 100

173 26.5 6.0 46.0

215 45.3 26.1 66.1



#70

Pentachlorophenol

Concen: 30.654 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

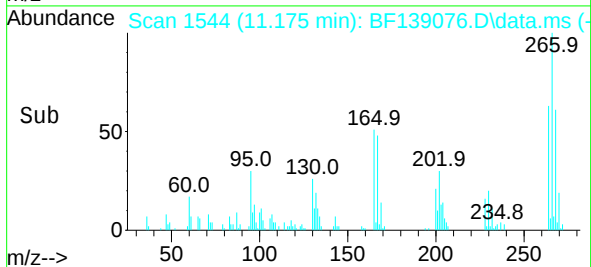
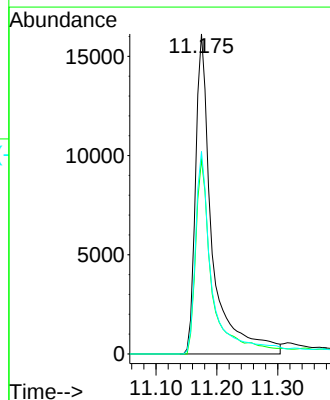
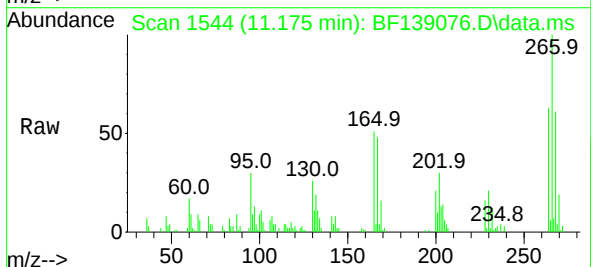
Tgt Ion:266 Resp: 30779

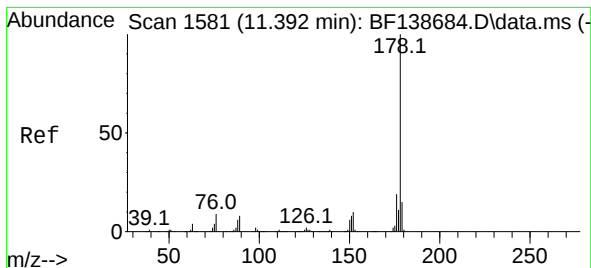
Ion Ratio Lower Upper

266 100

268 60.7 49.2 73.8

264 63.2 49.8 74.6





#71

Phenanthrene

Concen: 39.806 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

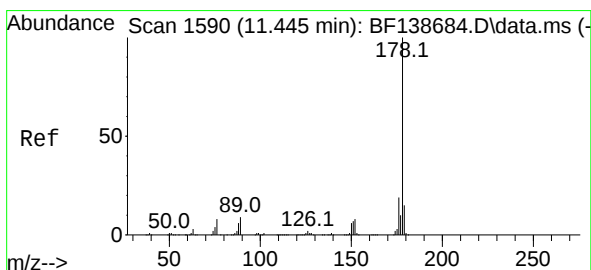
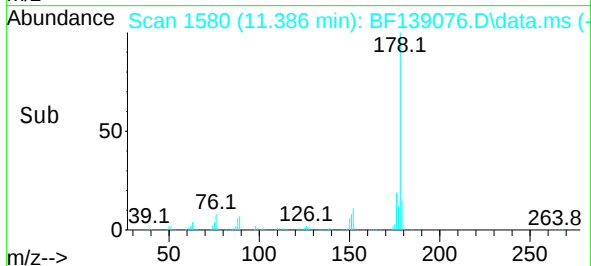
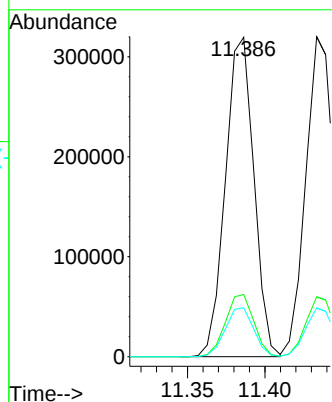
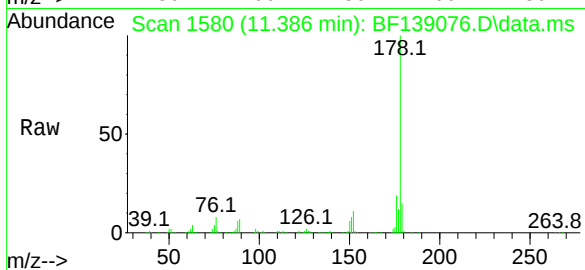
Tgt Ion:178 Resp: 408434

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.3 12.2 18.2



#72

Anthracene

Concen: 40.249 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

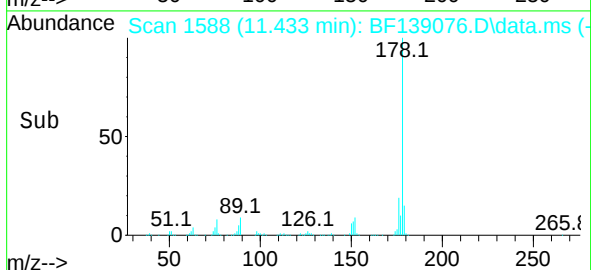
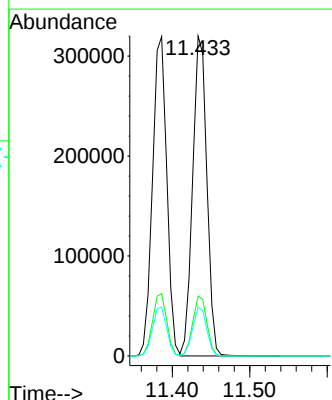
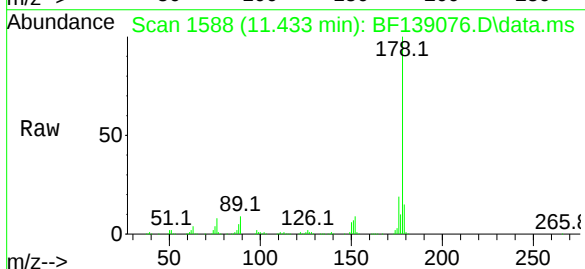
Tgt Ion:178 Resp: 406843

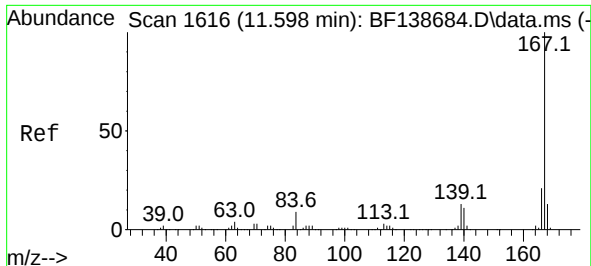
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

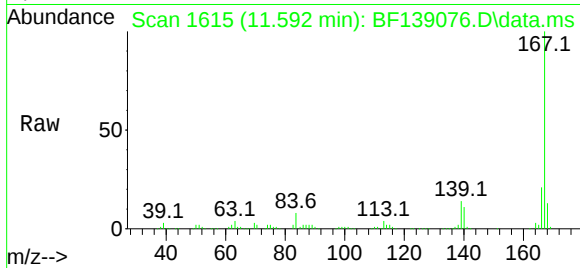
179 15.3 12.4 18.6



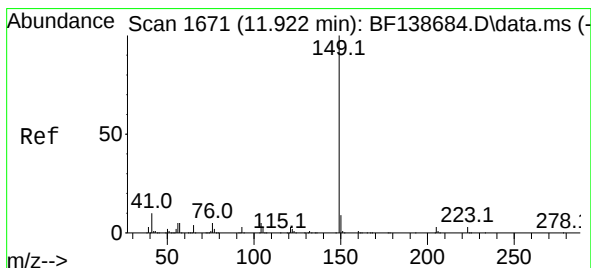
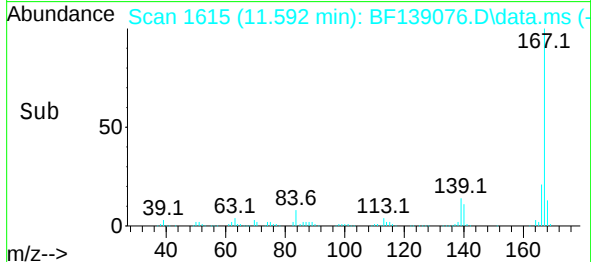
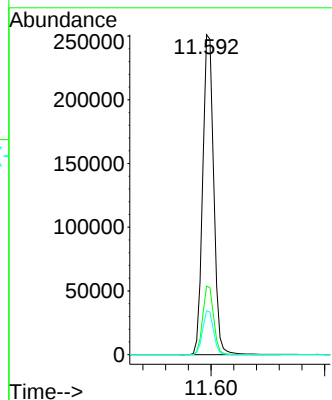


#73
 Carbazole
 Concen: 38.687 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.006 min
 Lab File: BF139076.D
 Acq: 19 Aug 2024 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

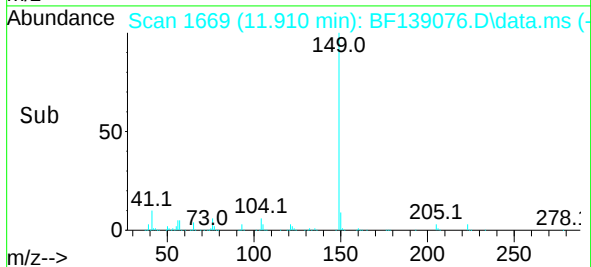
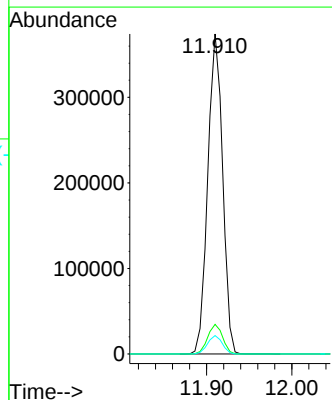
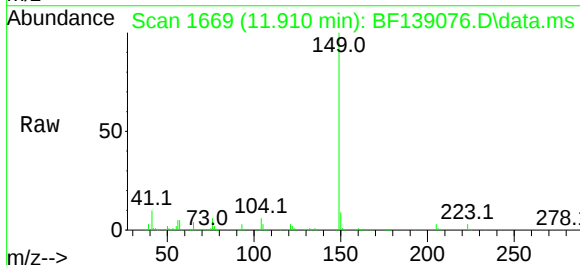


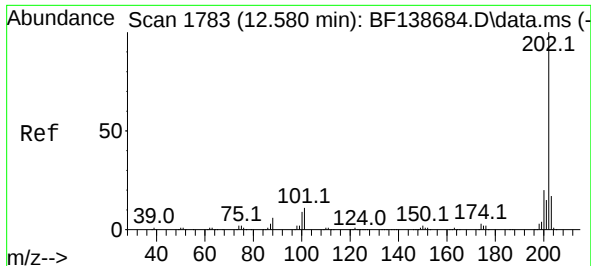
Tgt Ion:167 Resp: 337385
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.218 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139076.D
 Acq: 19 Aug 2024 16:18

Tgt Ion:149 Resp: 453106
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.8 4.1 6.1





#75

Fluoranthene

Concen: 38.601 ng

RT: 12.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

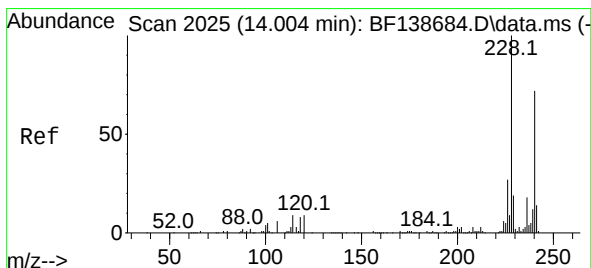
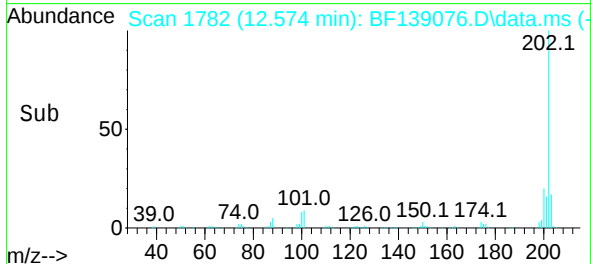
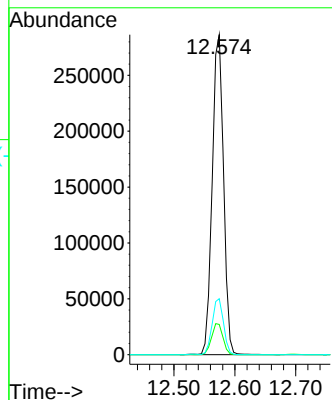
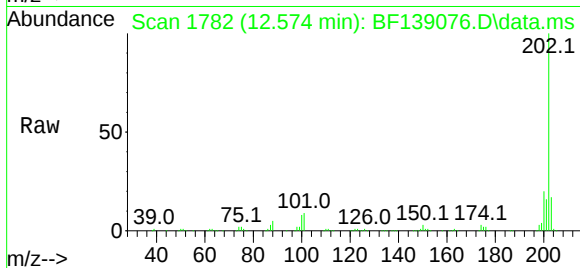
Tgt Ion:202 Resp: 369762

Ion Ratio Lower Upper

202 100

101 9.5 0.0 31.2

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

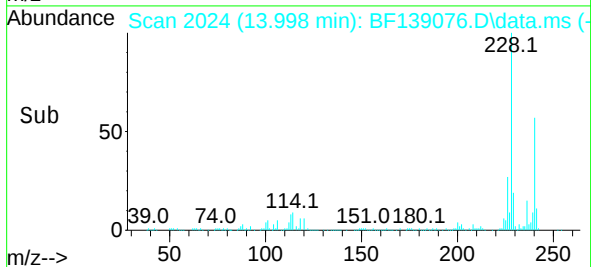
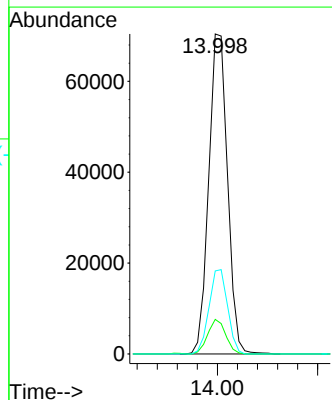
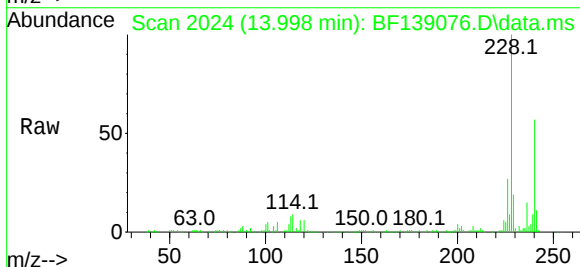
Tgt Ion:240 Resp: 91850

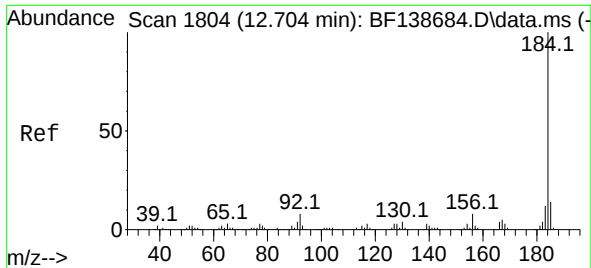
Ion Ratio Lower Upper

240 100

120 10.8 10.2 15.4

236 26.0 19.8 29.8

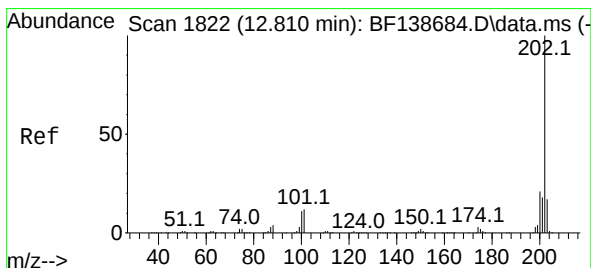
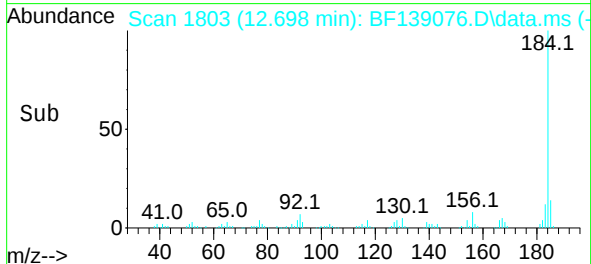
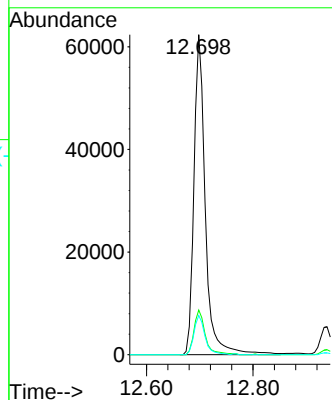
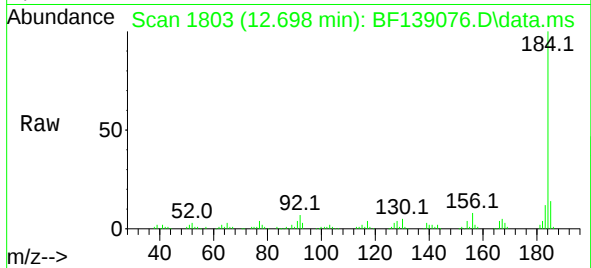




#77
Benzidine
Concen: 42.195 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

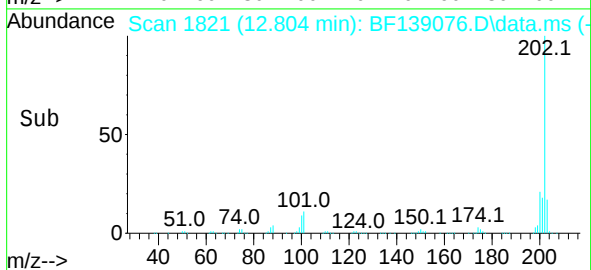
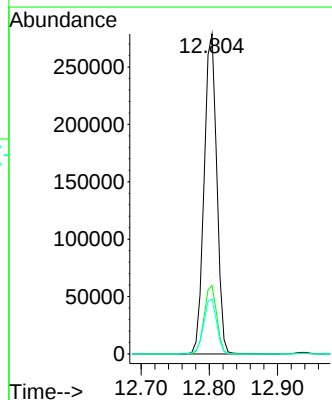
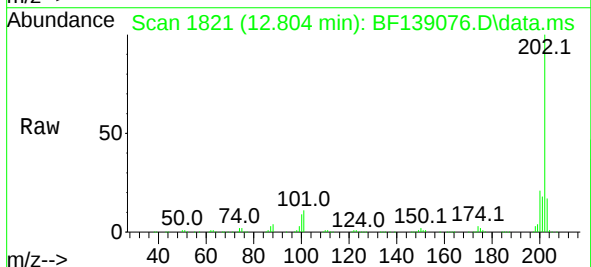
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

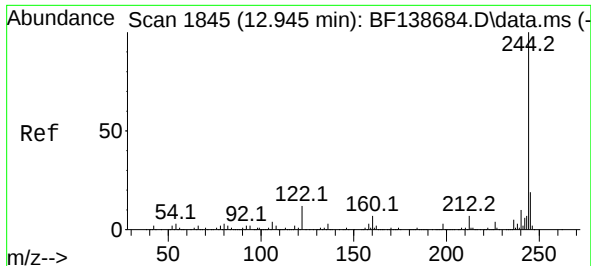
Tgt Ion:184 Resp: 92698
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 12.2 9.6 14.4



#78
Pyrene
Concen: 41.575 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

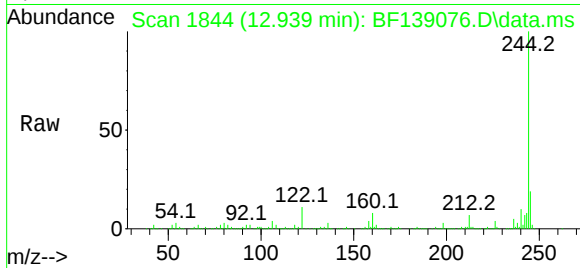
Tgt Ion:202 Resp: 359543
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.2 13.8 20.6



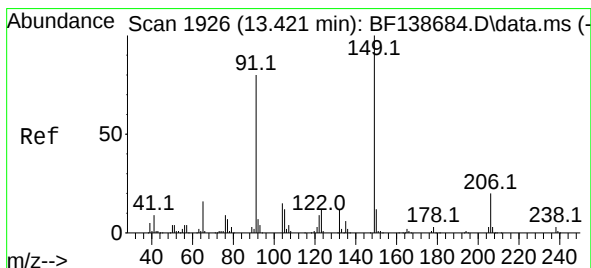
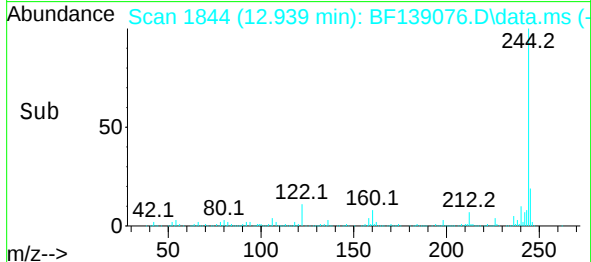
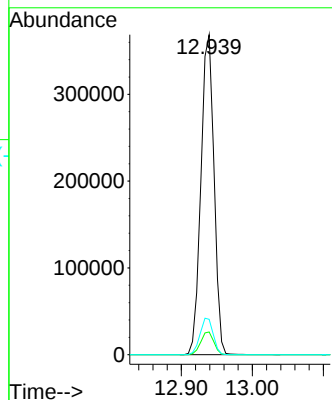


#79
Terphenyl-d14
Concen: 86.604 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

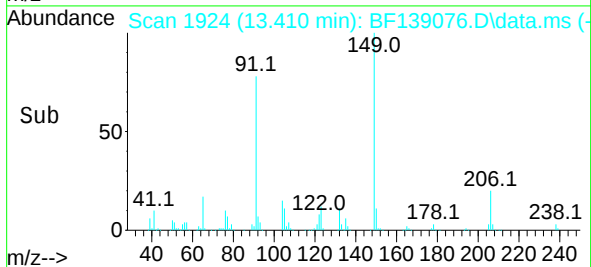
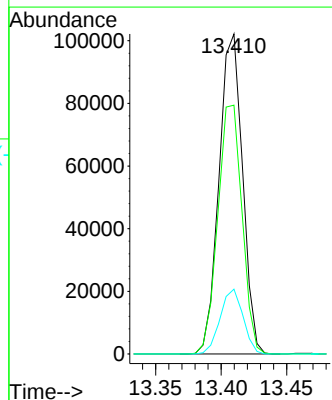
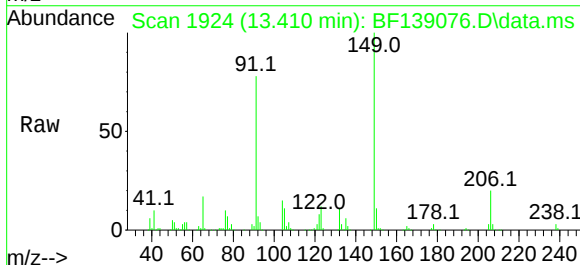


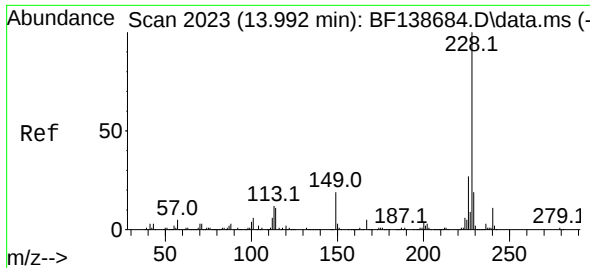
Tgt Ion:244 Resp: 475107
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.0 9.6 14.4



#80
Butylbenzylphthalate
Concen: 45.939 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion:149 Resp: 127221
Ion Ratio Lower Upper
149 100
91 77.7 63.7 95.5
206 20.2 16.2 24.2

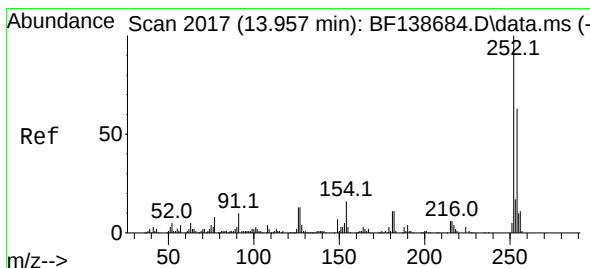
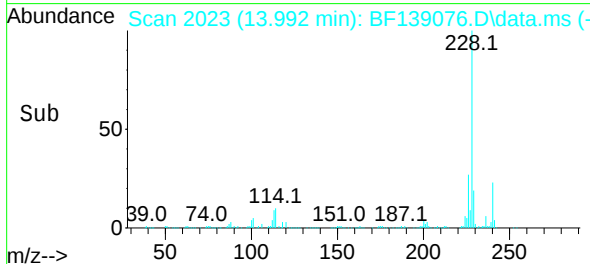
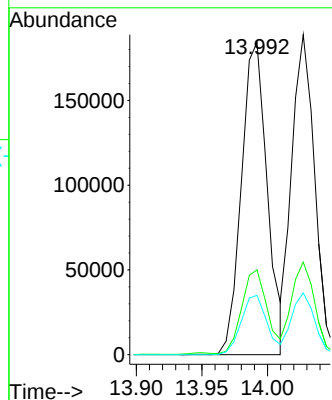
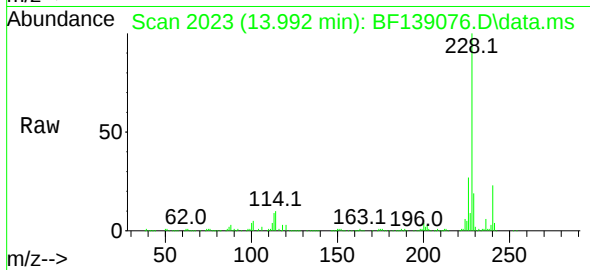




#81
Benzo(a)anthracene
Concen: 39.940 ng
RT: 13.992 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

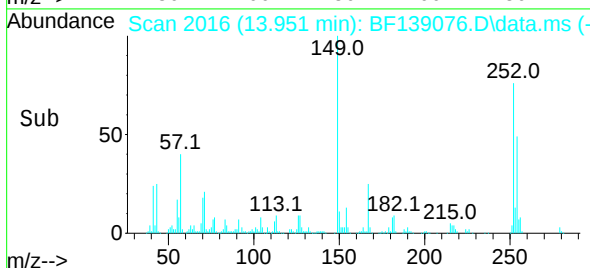
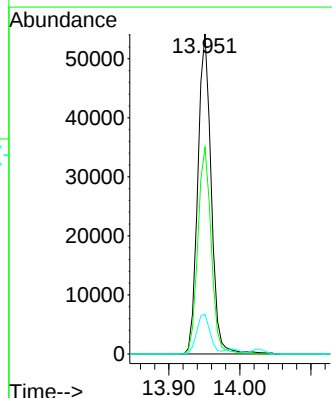
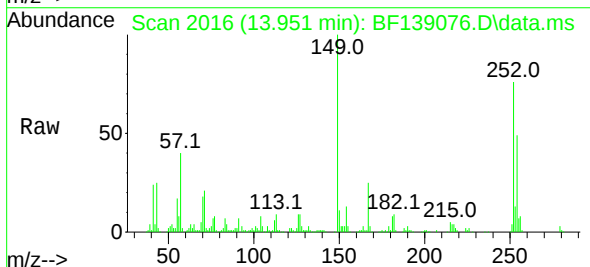
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

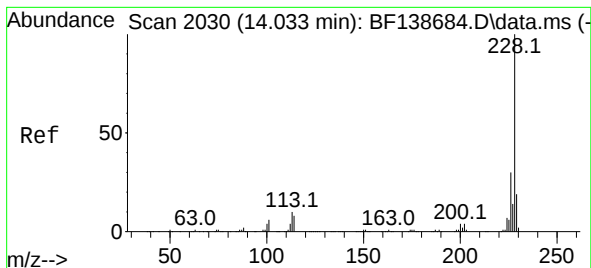
Tgt Ion:228 Resp: 252617
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.0 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 43.915 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139076.D
Acq: 19 Aug 2024 16:18

Tgt Ion:252 Resp: 71081
Ion Ratio Lower Upper
252 100
254 64.6 50.8 76.2
126 12.4 10.2 15.2





#83

Chrysene

Concen: 40.373 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

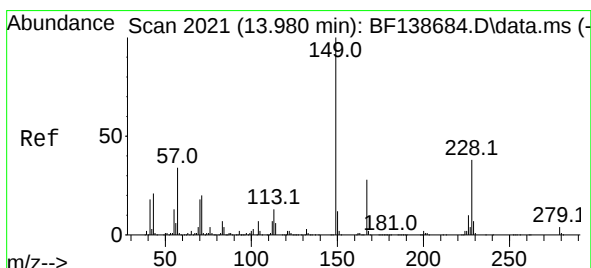
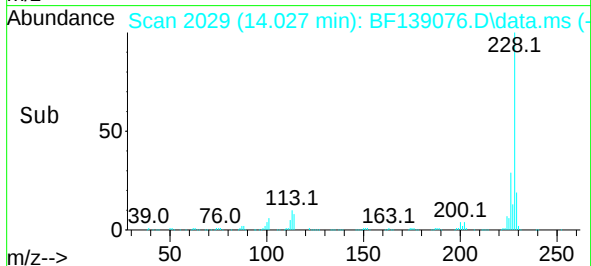
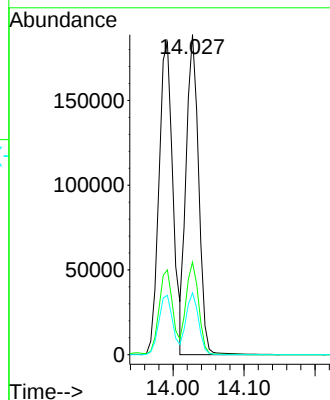
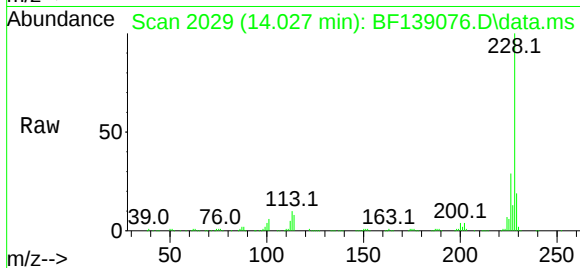
Tgt Ion:228 Resp: 230382

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

229 19.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.425 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

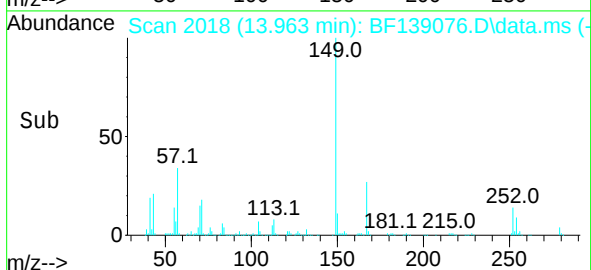
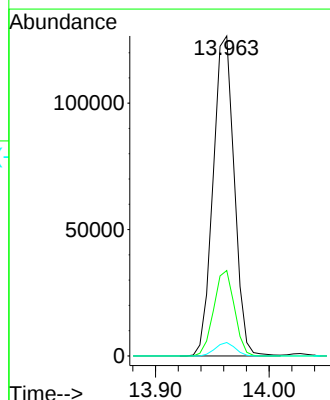
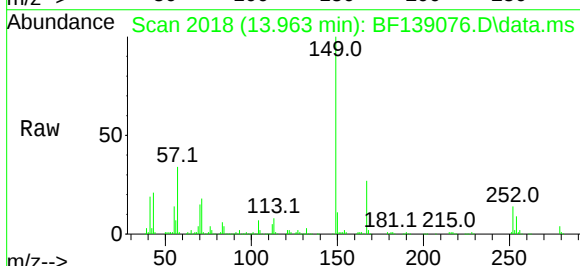
Tgt Ion:149 Resp: 163932

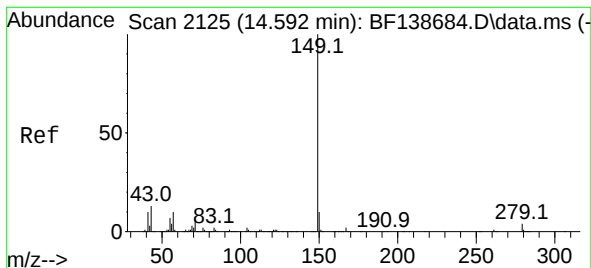
Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.4

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 36.296 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

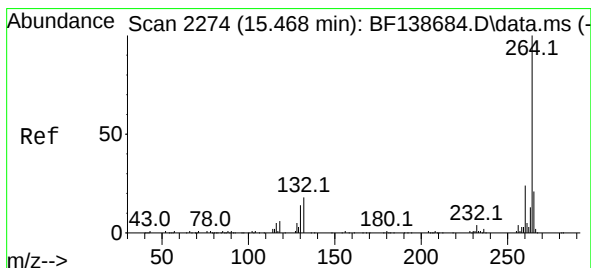
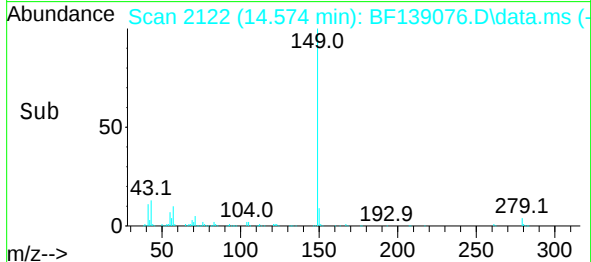
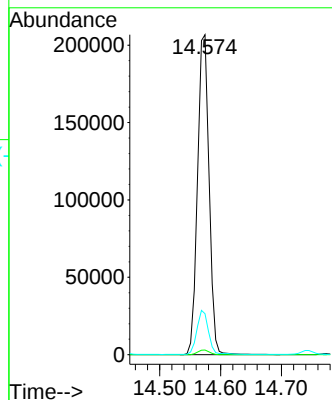
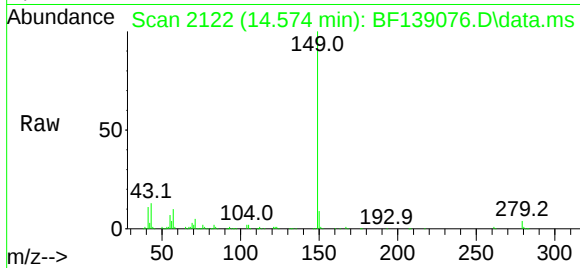
Tgt Ion:149 Resp: 272319

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 13.8 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: BF139076.D

Acq: 19 Aug 2024 16:18

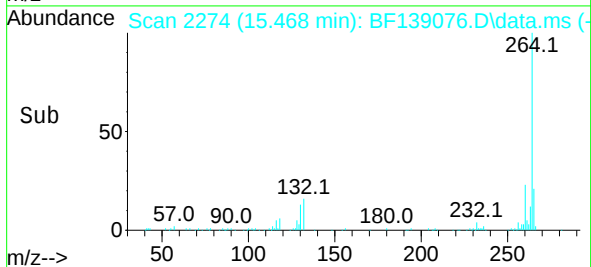
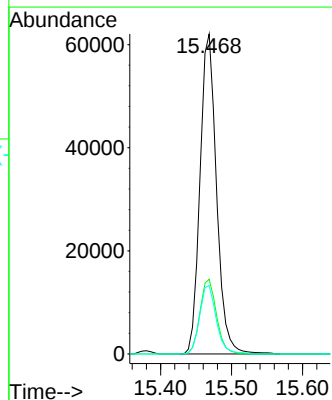
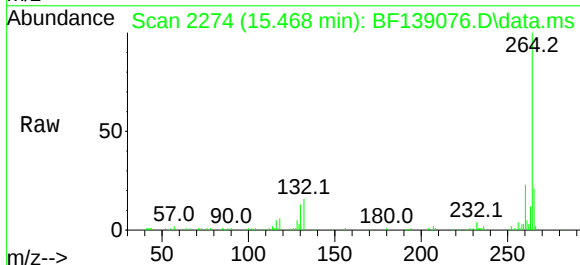
Tgt Ion:264 Resp: 100469

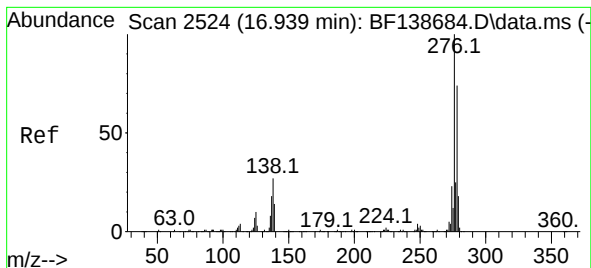
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.308 ng

RT: 16.945 min Scan# 2524

Delta R.T. 0.006 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

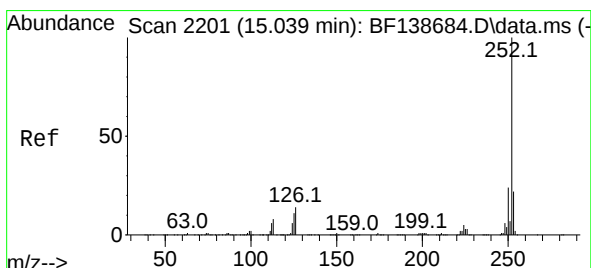
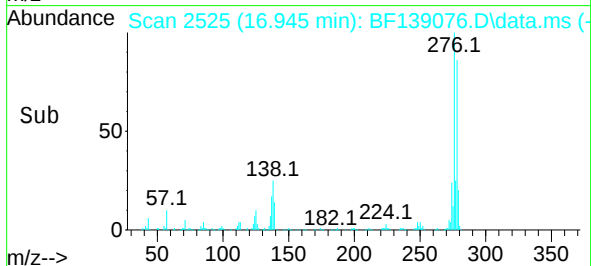
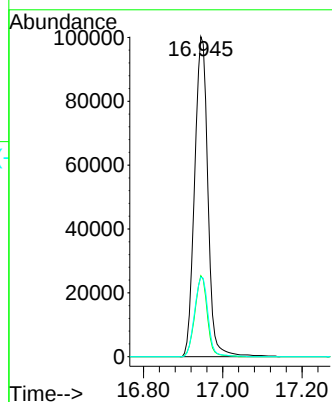
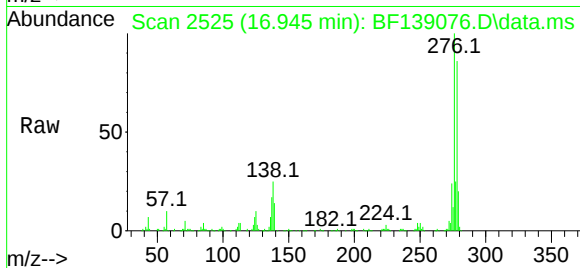
Tgt Ion:276 Resp: 232615

Ion Ratio Lower Upper

276 100

138 23.8 21.8 32.8

277 25.2 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 37.164 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

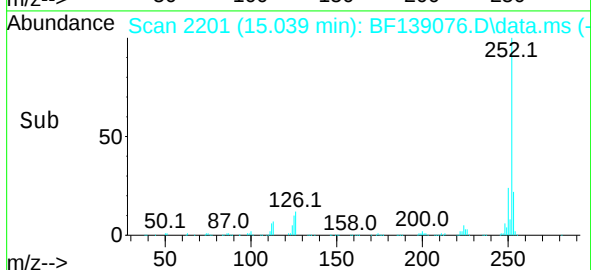
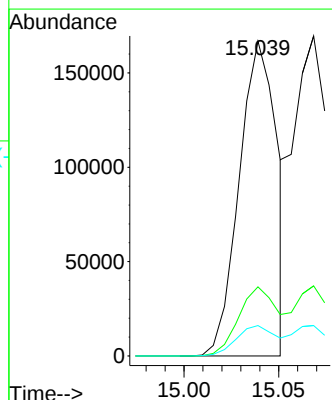
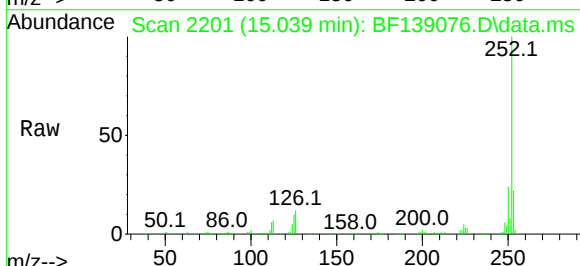
Tgt Ion:252 Resp: 231461

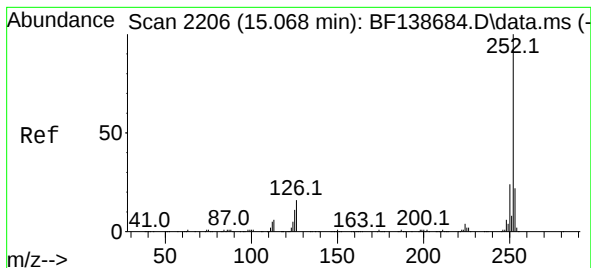
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.7 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 36.469 ng

RT: 15.068 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

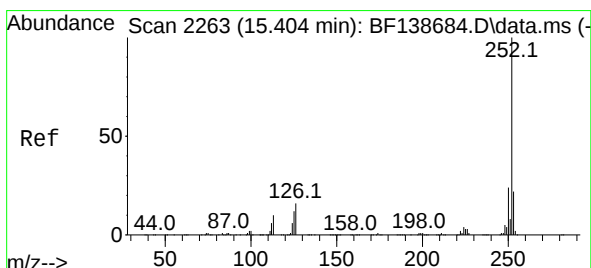
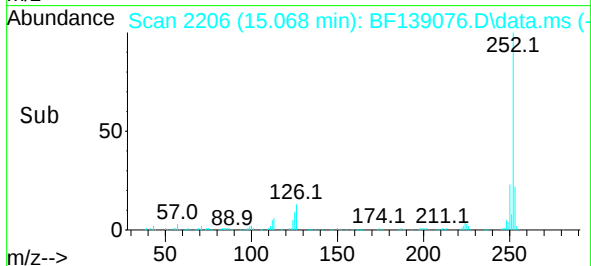
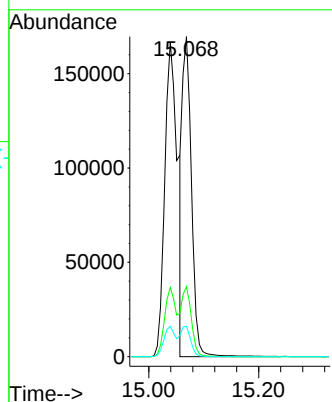
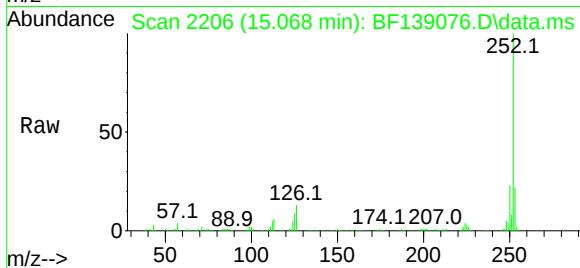
Tgt Ion:252 Resp: 196656

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.5 8.6 13.0



#90

Benzo(a)pyrene

Concen: 40.378 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

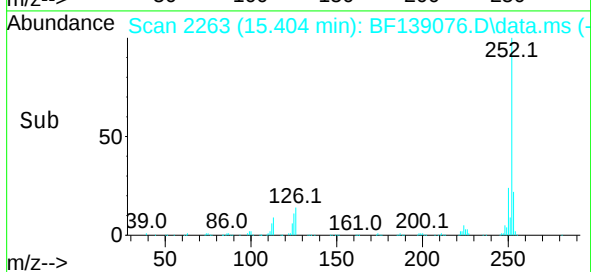
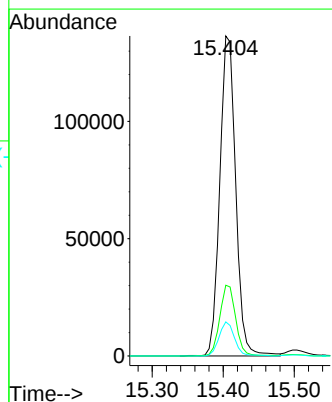
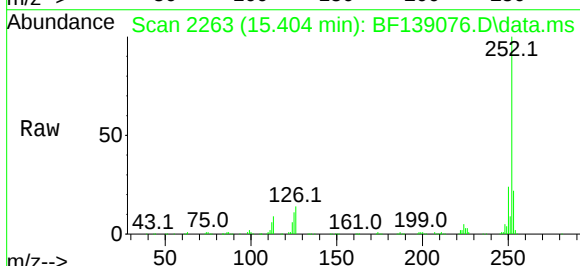
Tgt Ion:252 Resp: 211527

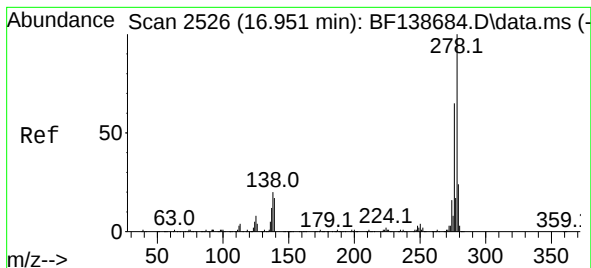
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.6 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 32.607 ng

RT: 16.951 min Scan# 2526

Delta R.T. 0.000 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

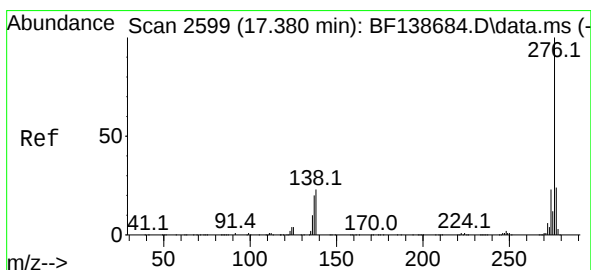
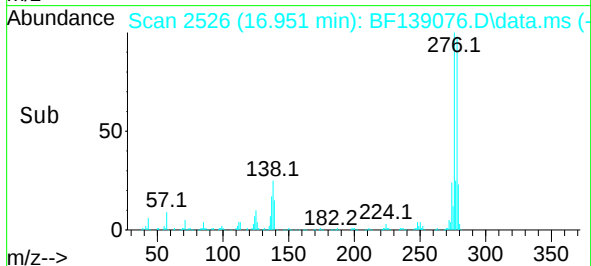
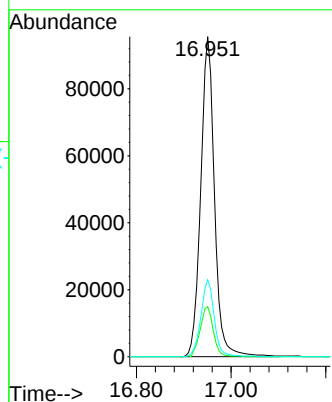
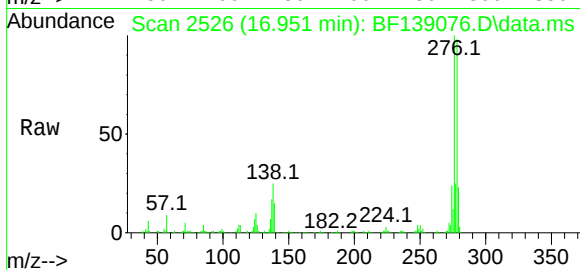
Tgt Ion:278 Resp: 192715

Ion Ratio Lower Upper

278 100

139 15.7 14.0 21.0

279 24.1 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 30.259 ng

RT: 17.392 min Scan# 2601

Delta R.T. 0.012 min

Lab File: BF139076.D

Acq: 19 Aug 2024 16:18

Tgt Ion:276 Resp: 185583

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.4

138 19.7 18.5 27.7

