

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
 Data File : BF139049.D
 Acq On : 16 Aug 2024 10:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 16 11:05:05 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	62968	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	249711	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	137022	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	227673	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	105031	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	114377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	321636	78.849	ng	0.00
7) Phenol-d6	6.493	99	428675	78.273	ng	0.00
23) Nitrobenzene-d5	7.410	82	433472	84.870	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	88212	78.593	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	767825	84.195	ng	-0.01
79) Terphenyl-d14	12.939	244	533878	85.104	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	65007	36.401	ng	96
3) Pyridine	3.340	79	161111	37.241	ng	92
4) n-Nitrosodimethylamine	3.316	42	114727	44.527	ng	82
6) Aniline	6.510	93	189632	38.826	ng	# 62
8) 2-Chlorophenol	6.634	128	166734	38.850	ng	99
9) Benzaldehyde	6.398	77	118638	36.137	ng	99
10) Phenol	6.504	94	219260	38.024	ng	# 75
11) bis(2-Chloroethyl)ether	6.581	93	164212	37.007	ng	100
12) 1,3-Dichlorobenzene	6.775	146	188497	39.237	ng	98
13) 1,4-Dichlorobenzene	6.857	146	190376	39.267	ng	98
14) 1,2-Dichlorobenzene	7.010	146	182703	40.323	ng	99
15) Benzyl Alcohol	6.993	79	167236	42.367	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	283442	37.117	ng	# 45
17) 2-Methylphenol	7.104	107	138355	39.041	ng	# 88
18) Hexachloroethane	7.345	117	74111	40.610	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	136129	41.154	ng	96
20) 3+4-Methylphenols	7.263	107	186191	40.949	ng	# 79
22) Acetophenone	7.257	105	258017	42.200	ng	97
24) Nitrobenzene	7.428	77	214085	41.192	ng	100
25) Isophorone	7.669	82	354832	40.686	ng	98
26) 2-Nitrophenol	7.740	139	92441	41.342	ng	92
27) 2,4-Dimethylphenol	7.781	122	107303	40.109	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	209896	39.521	ng	99
29) 2,4-Dichlorophenol	7.992	162	141784	41.243	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	160776	40.526	ng	99
31) Naphthalene	8.145	128	528119	40.179	ng	100
32) Benzoic acid	7.945	122	67981	32.326	ng	91
33) 4-Chloroaniline	8.198	127	171404	38.848	ng	96
34) Hexachlorobutadiene	8.251	225	105864	44.056	ng	97
35) Caprolactam	8.587	113	34062	33.206	ng	98
36) 4-Chloro-3-methylphenol	8.687	107	163681	41.662	ng	98
37) 2-Methylnaphthalene	8.828	142	340362	41.002	ng	100
38) 1-Methylnaphthalene	8.928	142	332709	40.902	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	156178	41.031	ng	100
41) Hexachlorocyclopentadiene	8.975	237	32737	36.631	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	90860	39.151	ng	100

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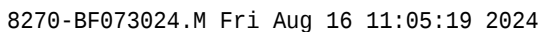
Instrument :
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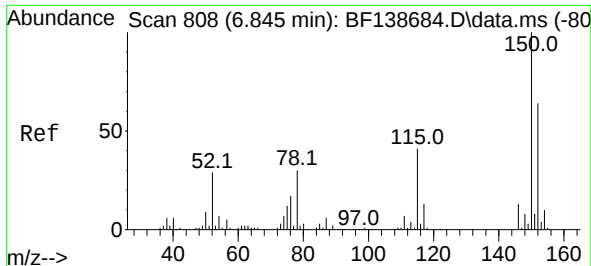
Quant Time: Aug 16 11:05:05 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	98486	38.819	ng	99
46) 1,1'-Biphenyl	9.292	154	439705	40.974	ng	98
47) 2-Chloronaphthalene	9.322	162	318873	39.953	ng	99
48) 2-Nitroaniline	9.428	65	113063	41.786	ng	96
49) Acenaphthylene	9.734	152	453457	40.059	ng	100
50) Dimethylphthalate	9.598	163	368989	42.115	ng	100
51) 2,6-Dinitrotoluene	9.669	165	83446	42.202	ng	87
52) Acenaphthene	9.910	154	301111	39.571	ng	99
53) 3-Nitroaniline	9.839	138	80232	39.251	ng	93
54) 2,4-Dinitrophenol	9.957	184	37359	41.045	ng	# 78
55) Dibenzofuran	10.081	168	432726	40.286	ng	97
56) 4-Nitrophenol	10.022	139	45688	37.169	ng	88
57) 2,4-Dinitrotoluene	10.075	165	107926	42.782	ng	# 77
58) Fluorene	10.422	166	353173	41.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	72538	37.398	ng	93
60) Diethylphthalate	10.292	149	361383	43.502	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	175925	41.818	ng	96
62) 4-Nitroaniline	10.457	138	71538	36.828	ng	87
63) Azobenzene	10.569	77	383027	41.572	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	57299	41.252	ng	98
66) n-Nitrosodiphenylamine	10.534	169	292203	41.060	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	100606	40.814	ng	95
68) Hexachlorobenzene	10.969	284	103036	40.484	ng	98
69) Atrazine	11.057	200	64375	35.061	ng	99
70) Pentachlorophenol	11.175	266	39544	34.470	ng	98
71) Phenanthrene	11.386	178	468646	39.975	ng	100
72) Anthracene	11.439	178	464138	40.188	ng	99
73) Carbazole	11.598	167	395975	39.741	ng	100
74) Di-n-butylphthalate	11.910	149	506144	45.187	ng	99
75) Fluoranthene	12.575	202	417649	38.161	ng	98
77) Benzidine	12.698	184	99545	39.625	ng	99
78) Pyrene	12.804	202	412208	41.683	ng	99
80) Butylbenzylphthalate	13.410	149	138648	43.783	ng	100
81) Benzo(a)anthracene	13.992	228	282588	39.071	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	77868	42.071	ng	99
83) Chrysene	14.027	228	265018	40.614	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	178456	38.484	ng	98
85) Di-n-octyl phthalate	14.574	149	313261	36.513	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	303005	36.967	ng	96
88) Benzo(b)fluoranthene	15.039	252	289113	40.776	ng	99
89) Benzo(k)fluoranthene	15.069	252	239814	39.065	ng	98
90) Benzo(a)pyrene	15.410	252	240490	40.324	ng	98
91) Dibenzo(a,h)anthracene	16.957	278	249171	37.033	ng	96
92) Benzo(g,h,i)perylene	17.398	276	249615	35.751	ng	95

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

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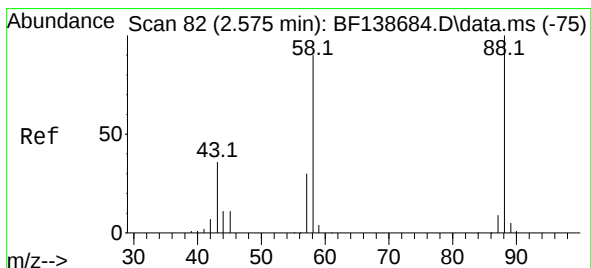
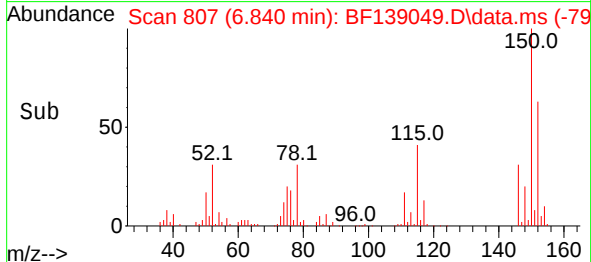
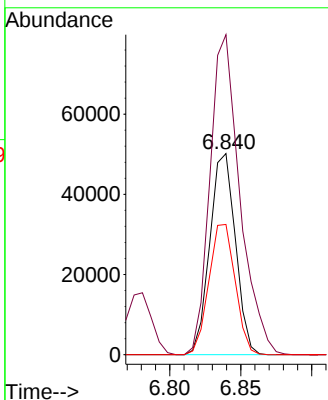
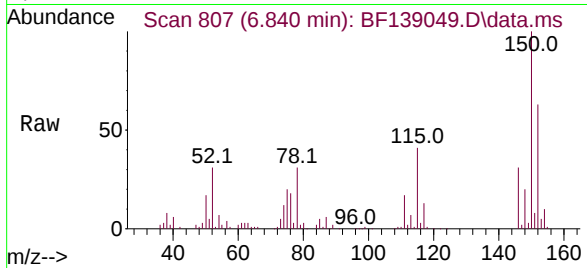




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

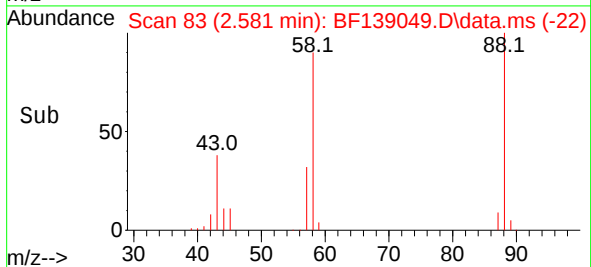
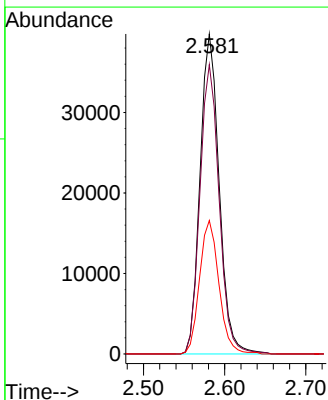
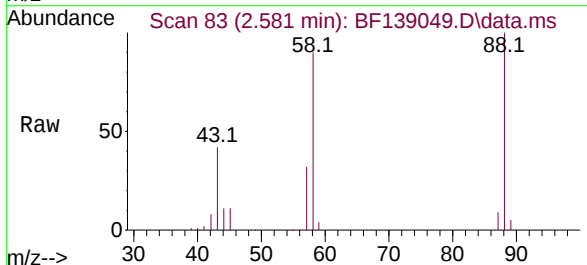
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SSTDCCC040

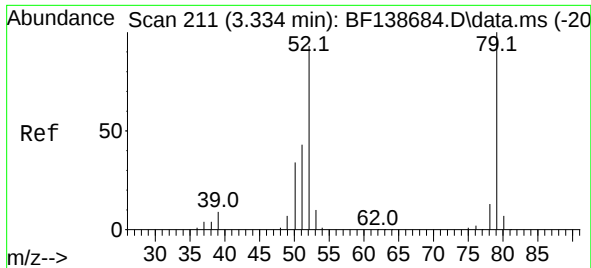
Tgt Ion:152 Resp: 62968
Ion Ratio Lower Upper
152 100
150 159.1 126.0 189.0
115 64.7 51.7 77.5



#2
1,4-Dioxane
Concen: 36.401 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion: 88 Resp: 65007
Ion Ratio Lower Upper
88 100
58 90.9 71.6 107.4
43 42.4 28.7 43.1





#3

Pyridine

Concen: 37.241 ng

RT: 3.340 min Scan# 211

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

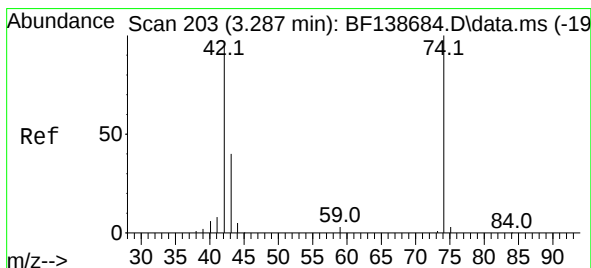
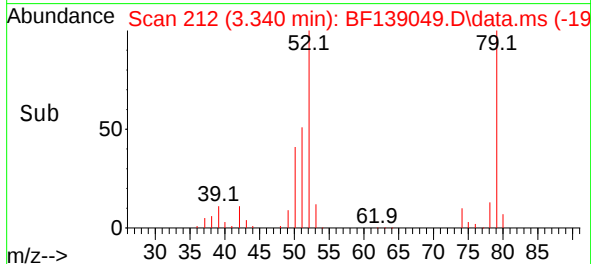
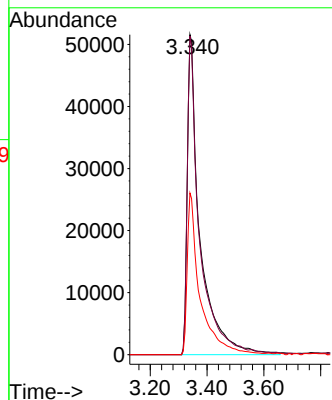
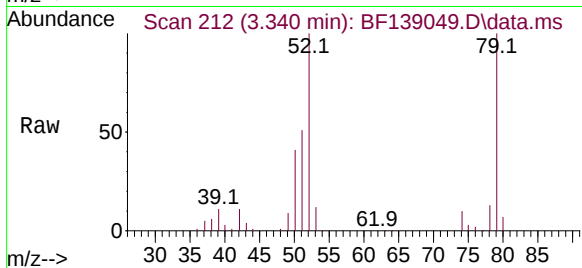
Tgt Ion: 79 Resp: 161111

Ion Ratio Lower Upper

79 100

52 99.6 74.7 112.1

51 50.5 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 44.527 ng

RT: 3.316 min Scan# 208

Delta R.T. 0.030 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

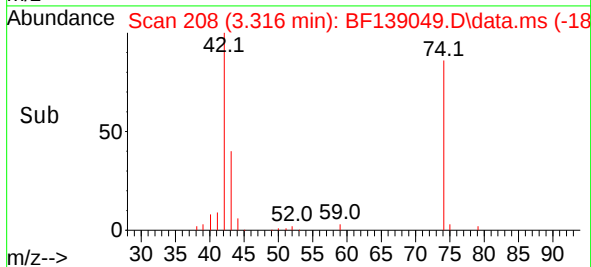
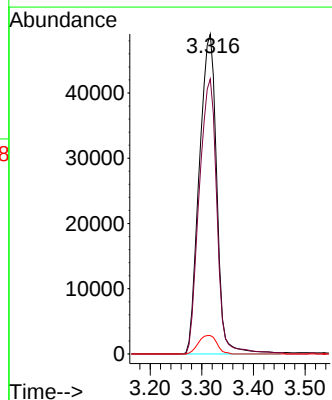
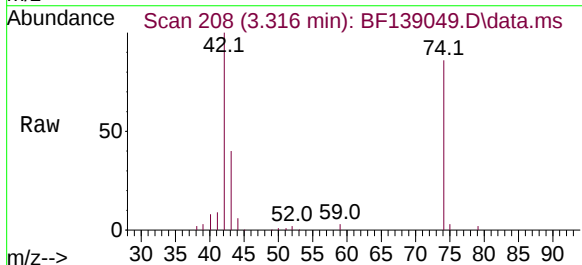
Tgt Ion: 42 Resp: 114727

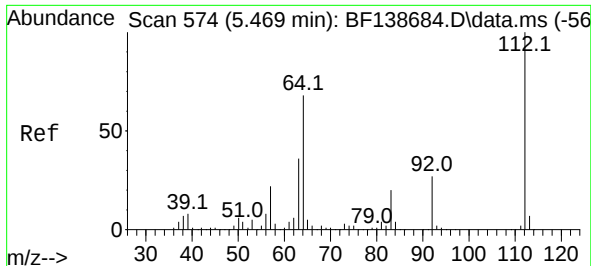
Ion Ratio Lower Upper

42 100

74 85.9 84.2 126.4

44 5.8 4.9 7.3

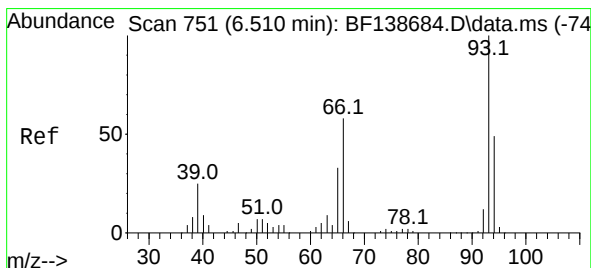
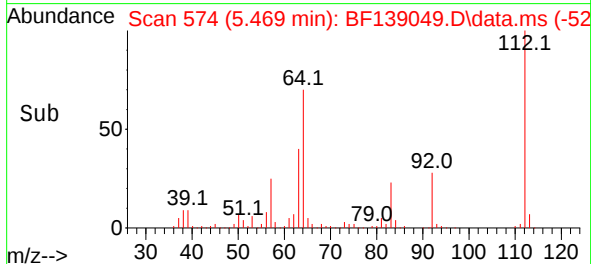
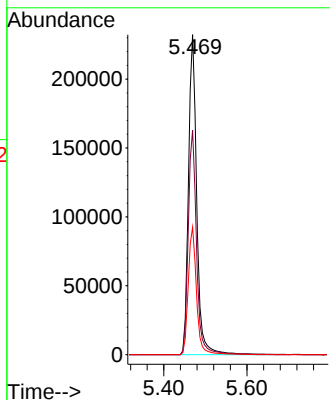
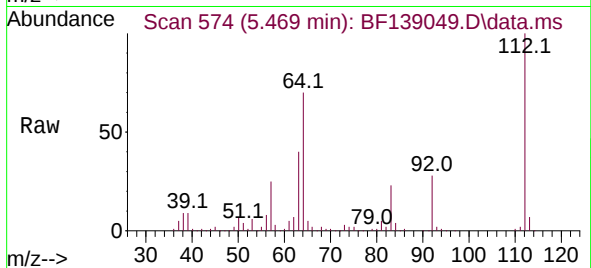




#5
2-Fluorophenol
Concen: 78.849 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

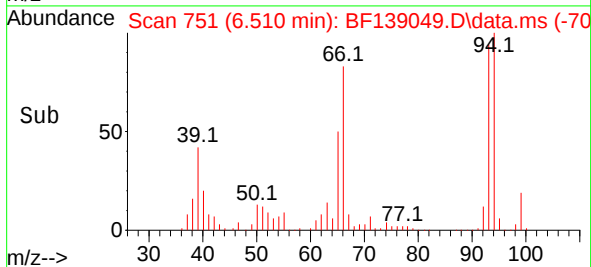
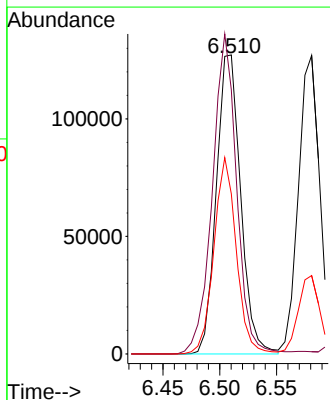
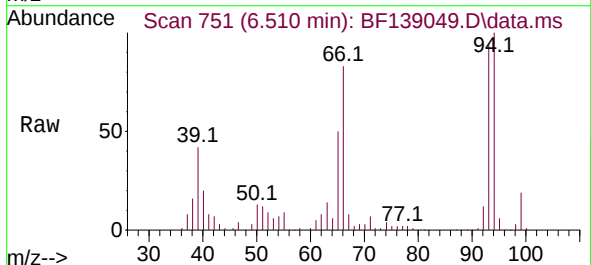
Instrument :
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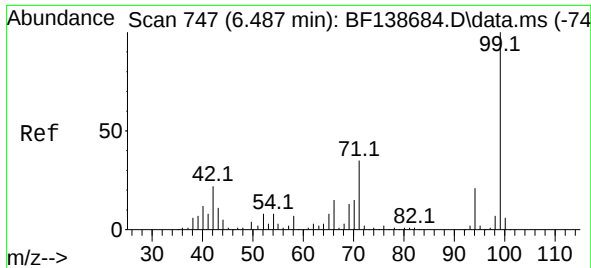
Tgt Ion:112 Resp: 321636
Ion Ratio Lower Upper
112 100
64 70.2 54.2 81.4
63 39.8 28.7 43.1



#6
Aniline
Concen: 38.826 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion: 93 Resp: 189632
Ion Ratio Lower Upper
93 100
66 88.3 46.9 70.3#
65 53.6 26.5 39.7#

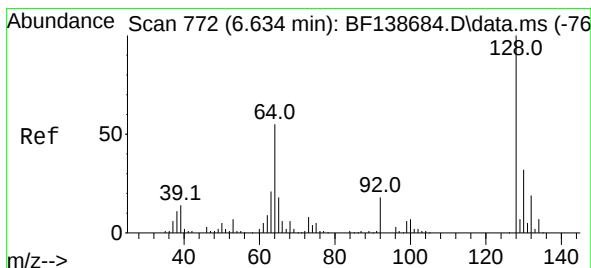
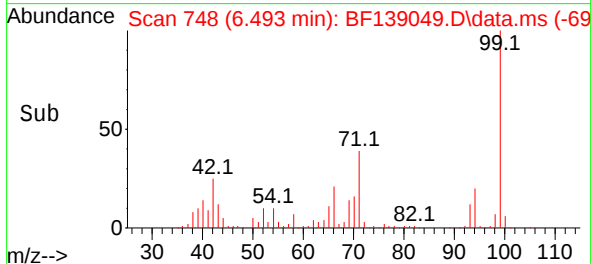
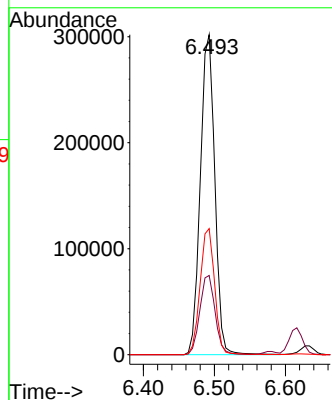
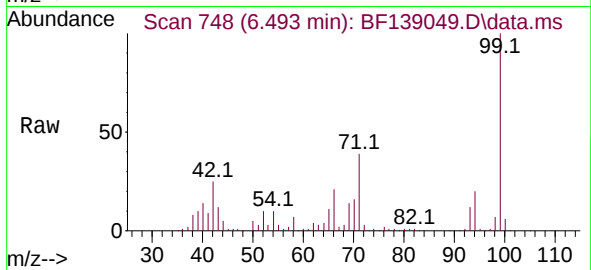




#7
Phenol-d6
Concen: 78.273 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

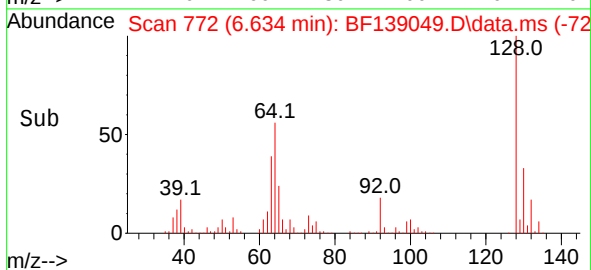
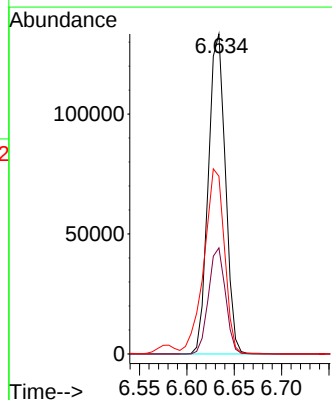
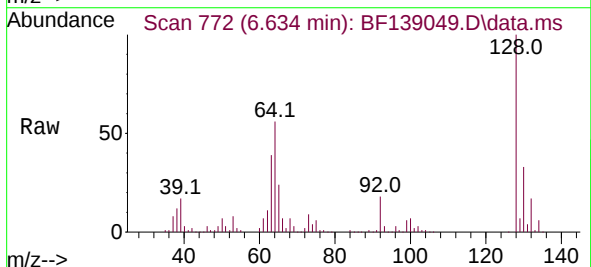
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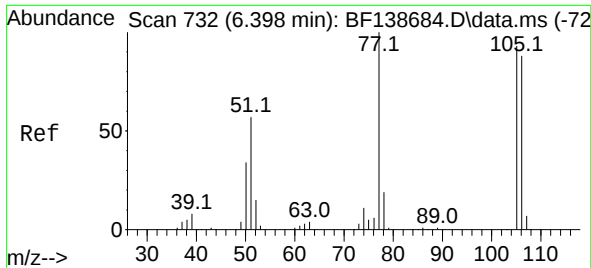
Tgt Ion: 99 Resp: 428675
Ion Ratio Lower Upper
99 100
42 24.8 17.4 26.0
71 39.4 28.1 42.1



#8
2-Chlorophenol
Concen: 38.850 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion:128 Resp: 166734
Ion Ratio Lower Upper
128 100
130 33.2 12.0 52.0
64 55.6 36.3 76.3





#9

Benzaldehyde

Concen: 36.137 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

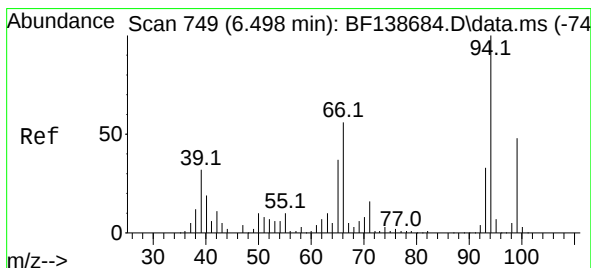
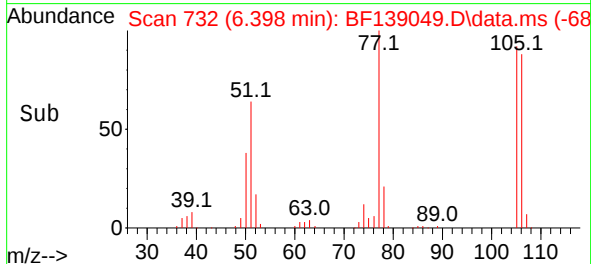
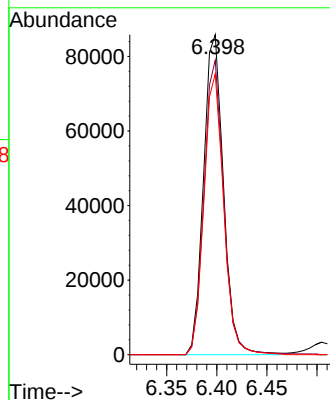
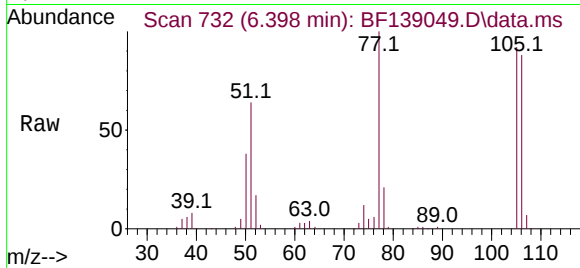
Tgt Ion: 77 Resp: 118638

Ion Ratio Lower Upper

77 100

105 92.0 72.9 112.9

106 87.7 68.4 108.4



#10

Phenol

Concen: 38.024 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

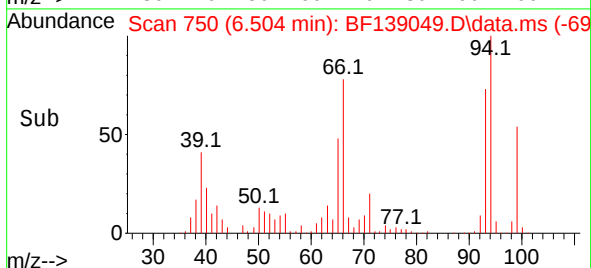
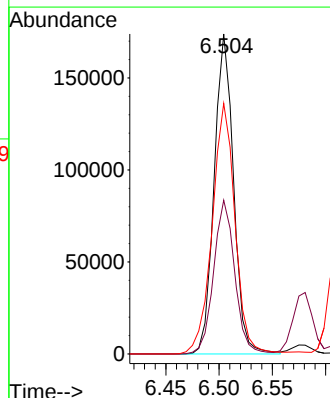
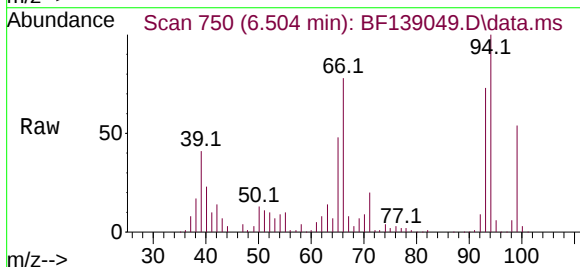
Tgt Ion: 94 Resp: 219260

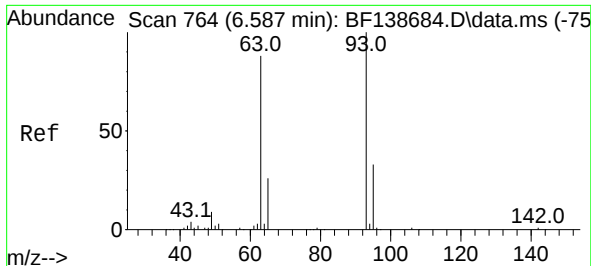
Ion Ratio Lower Upper

94 100

65 48.0 16.9 56.9

66 78.3 36.5 76.5#





#11

bis(2-Chloroethyl)ether

Concen: 37.007 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

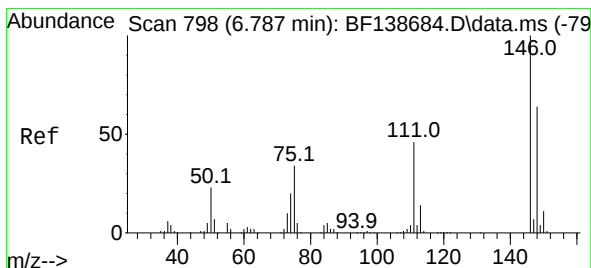
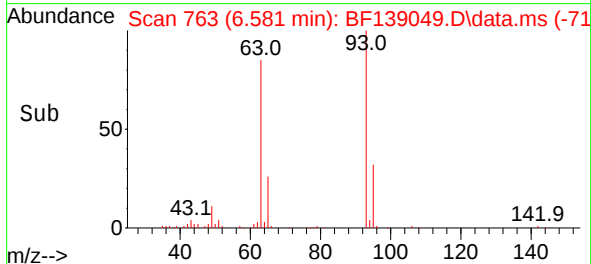
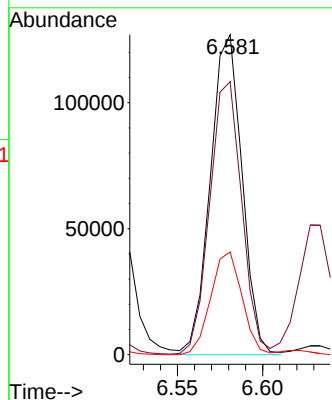
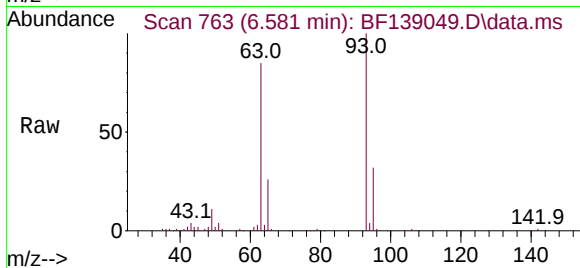
Tgt Ion: 93 Resp: 164212

Ion Ratio Lower Upper

93 100

63 85.3 65.3 105.3

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.237 ng

RT: 6.775 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

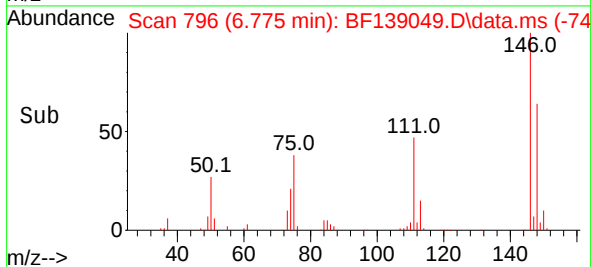
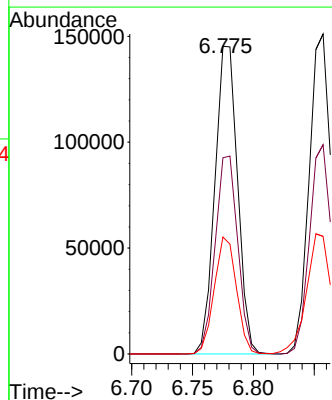
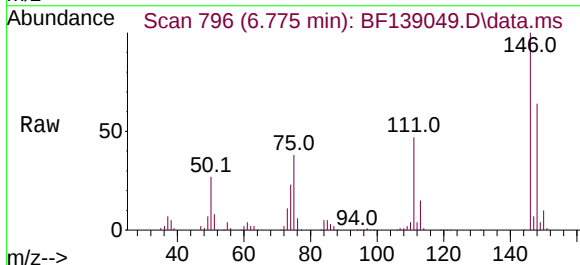
Tgt Ion:146 Resp: 188497

Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

75 38.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.267 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

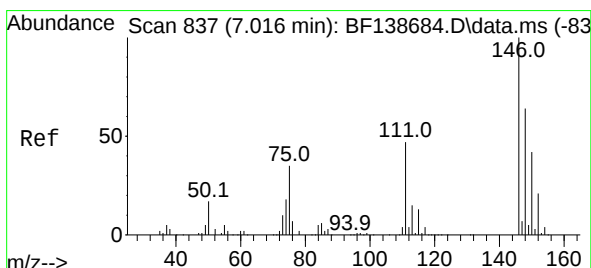
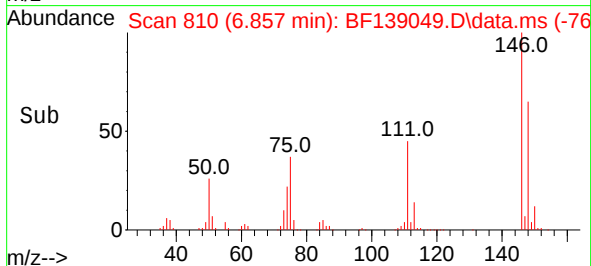
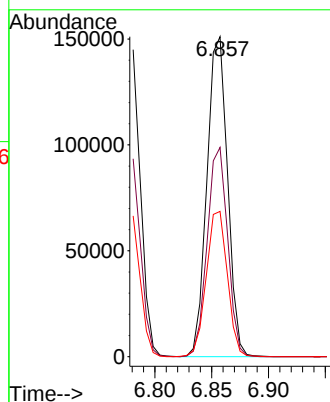
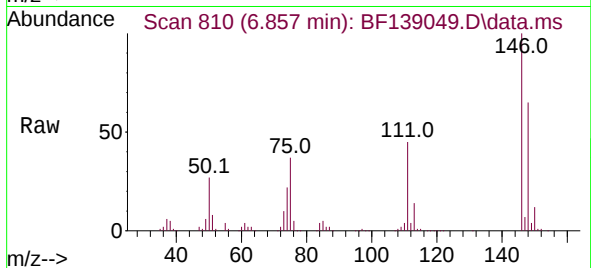
Tgt Ion:146 Resp: 190376

Ion Ratio Lower Upper

146 100

148 65.4 50.2 75.2

111 45.4 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 40.323 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

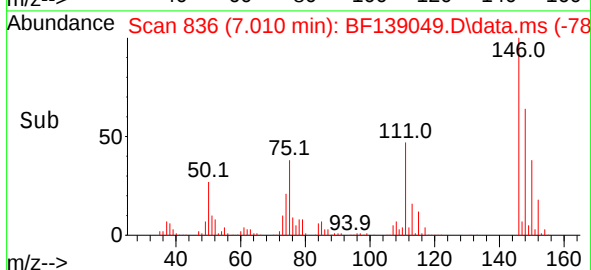
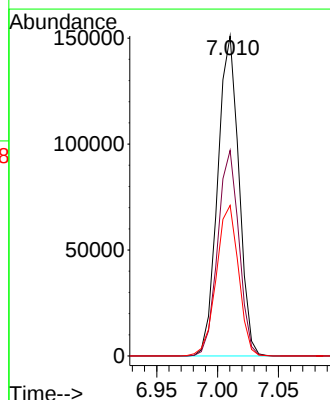
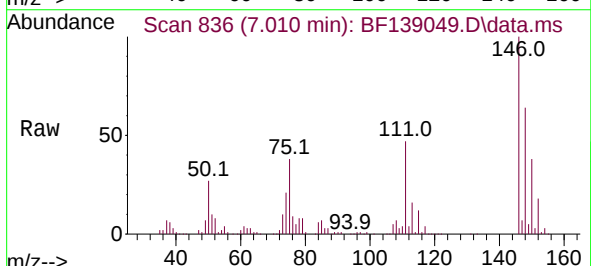
Tgt Ion:146 Resp: 182703

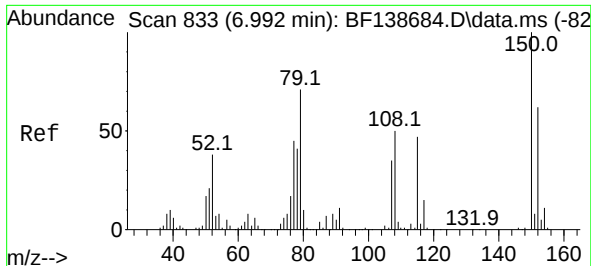
Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

111 47.1 37.4 56.2





#15

Benzyl Alcohol

Concen: 42.367 ng

RT: 6.993 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

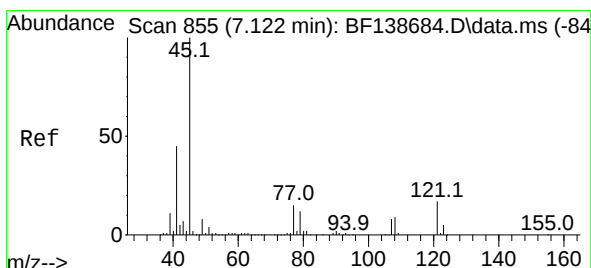
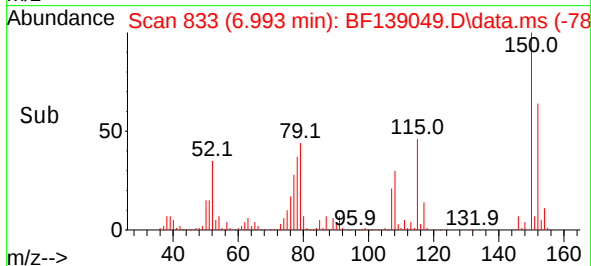
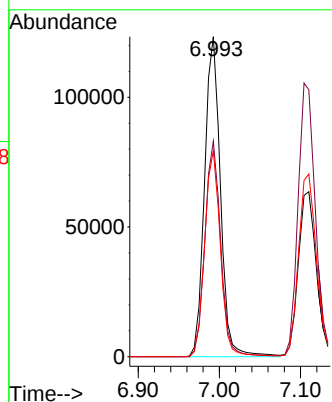
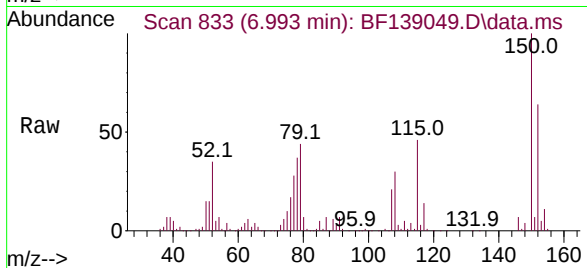
Tgt Ion: 79 Resp: 167236

Ion Ratio Lower Upper

79 100

108 67.3 56.6 85.0

77 64.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.117 ng

RT: 7.110 min Scan# 853

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

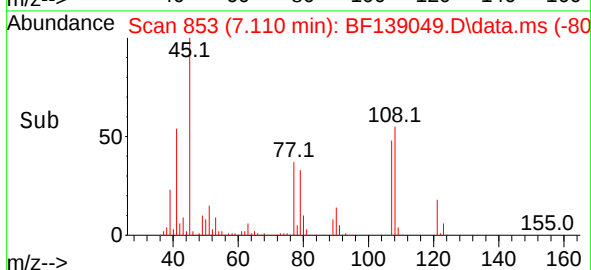
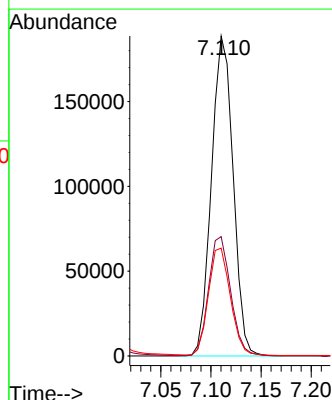
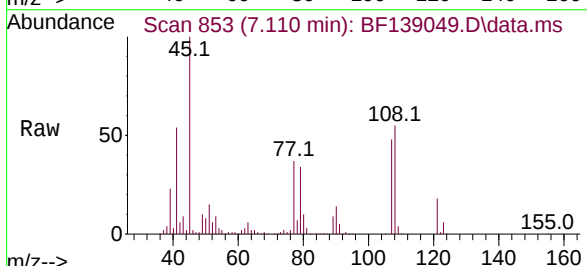
Tgt Ion: 45 Resp: 283442

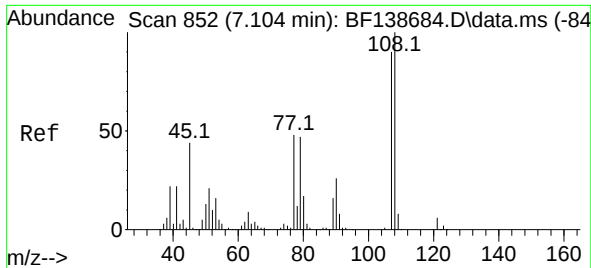
Ion Ratio Lower Upper

45 100

77 37.3 0.0 34.9#

79 33.7 0.0 32.2#

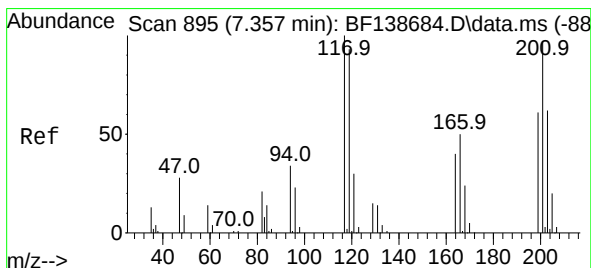
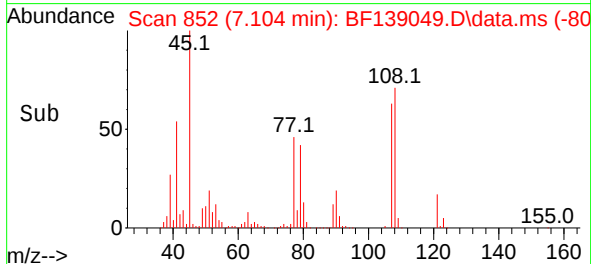
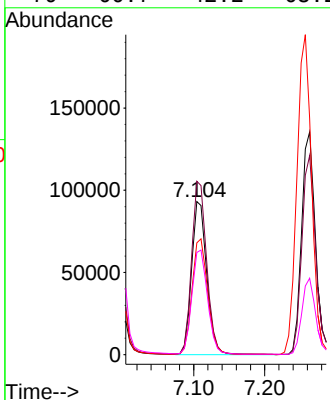
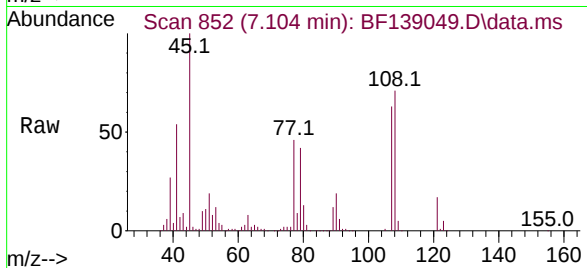




#17
2-Methylphenol
Concen: 39.041 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

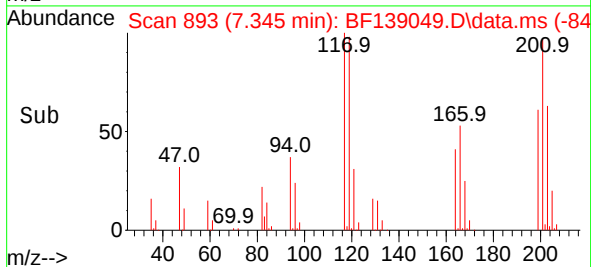
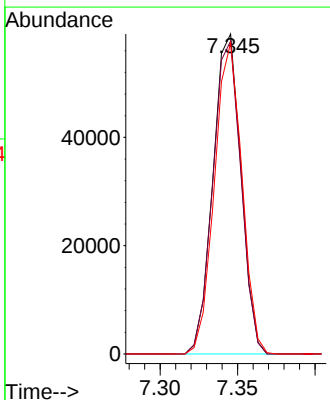
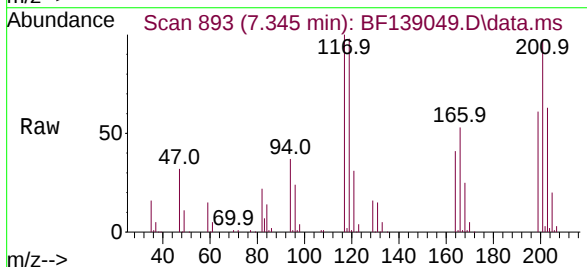
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 138355
Ion Ratio Lower Upper
107 100
108 113.2 89.2 133.8
77 73.0 43.0 64.4#
79 66.7 42.2 63.2#



#18
Hexachloroethane
Concen: 40.610 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion:117 Resp: 74111
Ion Ratio Lower Upper
117 100
119 97.8 74.6 111.8
201 97.3 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.154 ng

RT: 7.257 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 136129

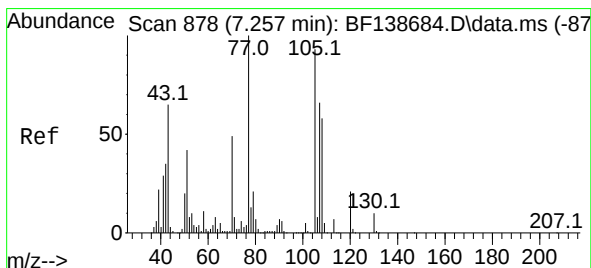
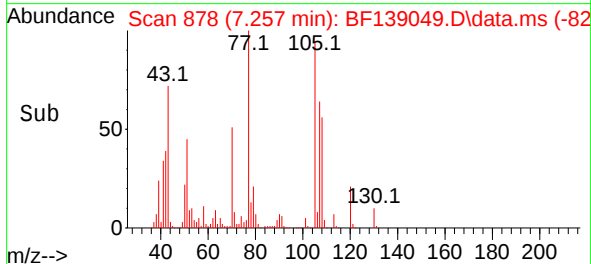
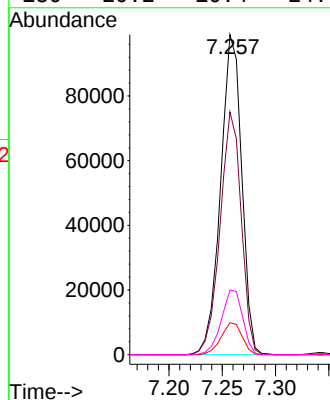
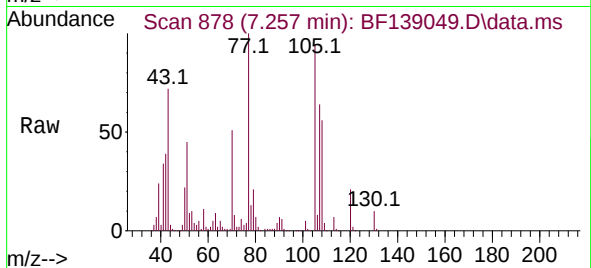
Ion Ratio Lower Upper

70 100

42 75.8 57.4 86.0

101 10.0 7.5 11.3

130 20.2 16.4 24.6



#20

3+4-Methylphenols

Concen: 40.949 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Tgt Ion:107 Resp: 186191

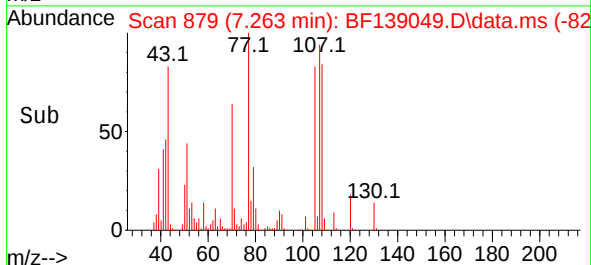
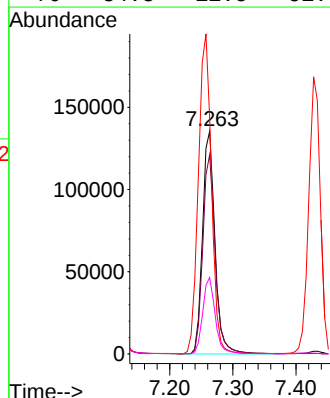
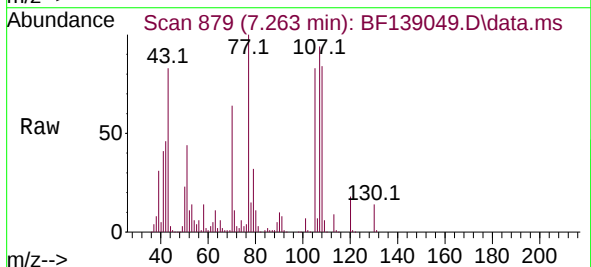
Ion Ratio Lower Upper

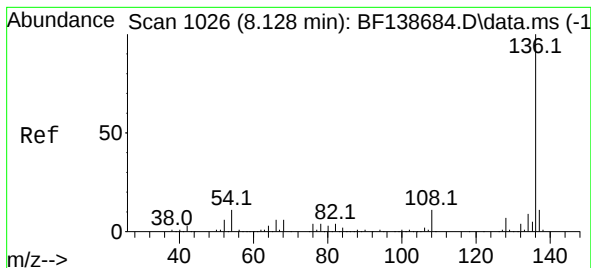
107 100

108 89.4 68.2 108.2

77 106.1 132.1 172.1#

79 34.3 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: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 249711

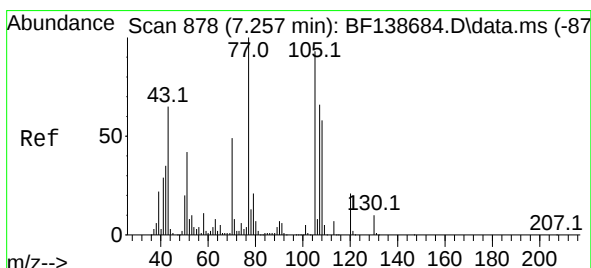
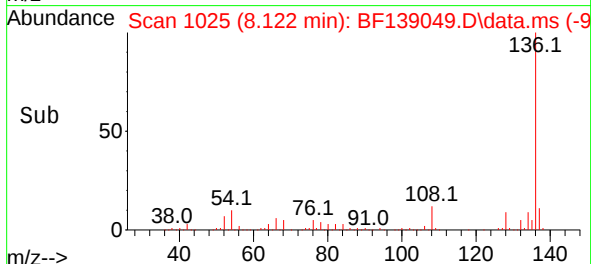
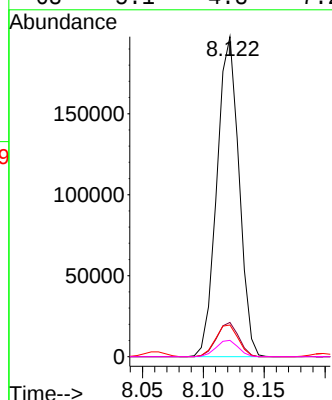
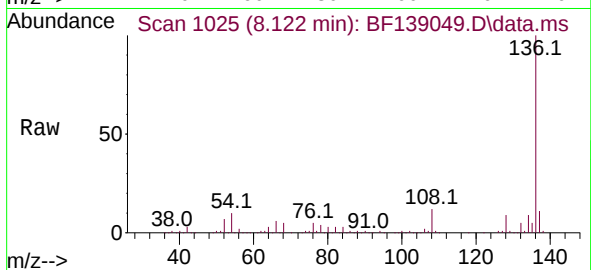
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.9 8.6 12.8

68 5.1 4.8 7.2



#22

Acetophenone

Concen: 42.200 ng

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Tgt Ion:105 Resp: 258017

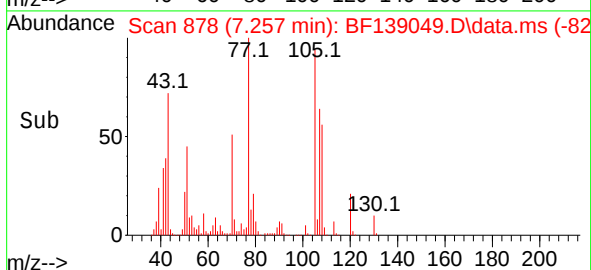
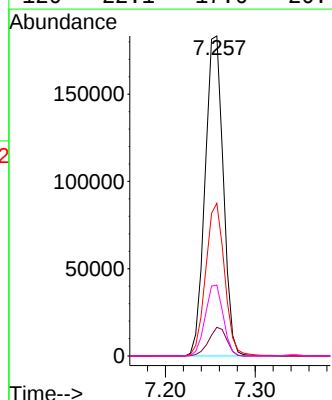
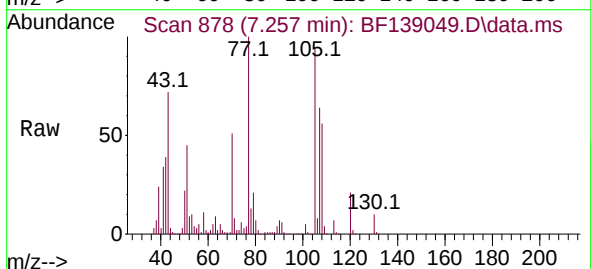
Ion Ratio Lower Upper

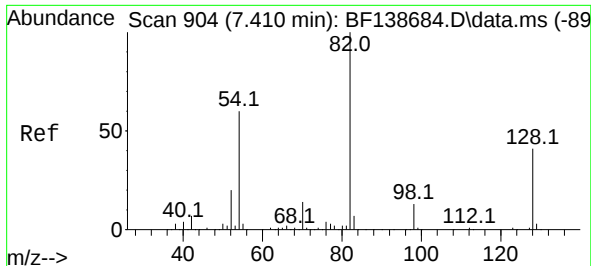
105 100

71 9.0 7.2 10.8

51 47.7 35.9 53.9

120 22.1 17.6 26.4

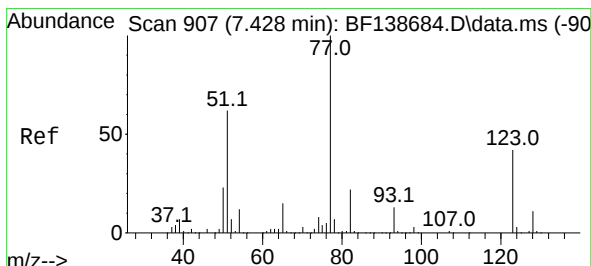
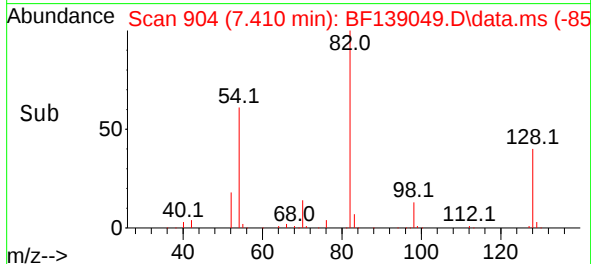
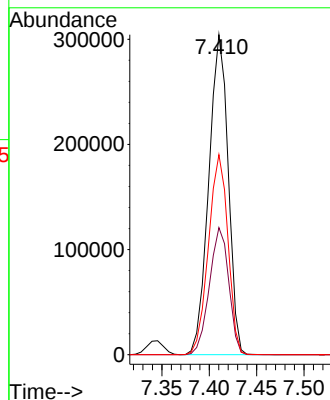
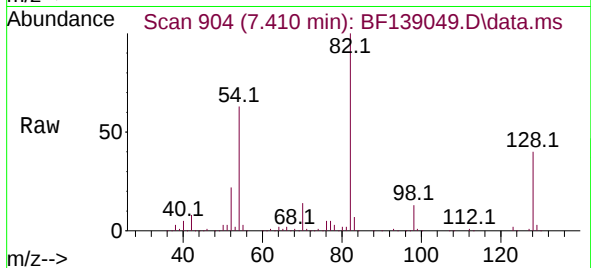




#23
Nitrobenzene-d5
Concen: 84.870 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

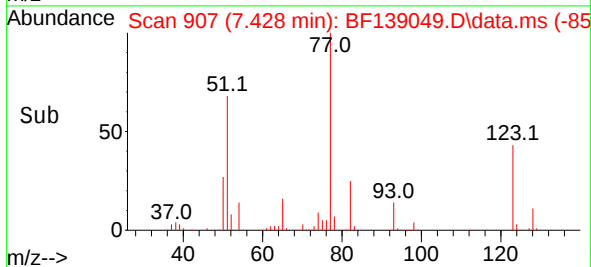
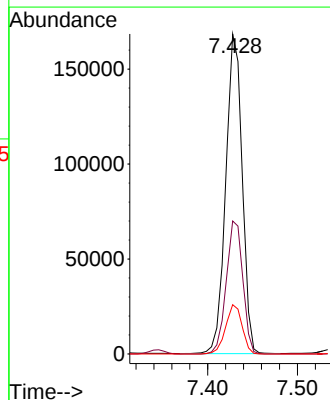
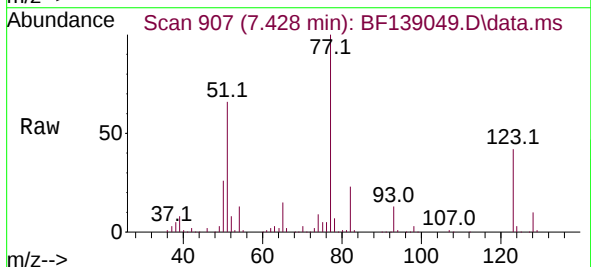
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

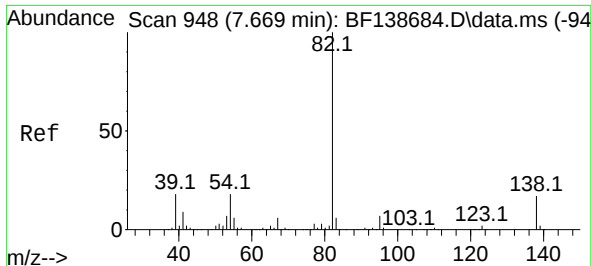
Tgt Ion: 82 Resp: 433472
Ion Ratio Lower Upper
82 100
128 39.7 32.8 49.2
54 62.5 48.3 72.5



#24
Nitrobenzene
Concen: 41.192 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion: 77 Resp: 214085
Ion Ratio Lower Upper
77 100
123 41.6 33.3 49.9
65 15.4 11.9 17.9

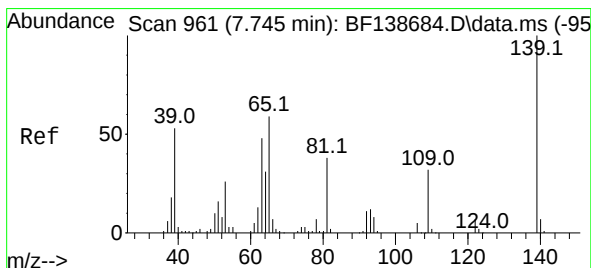
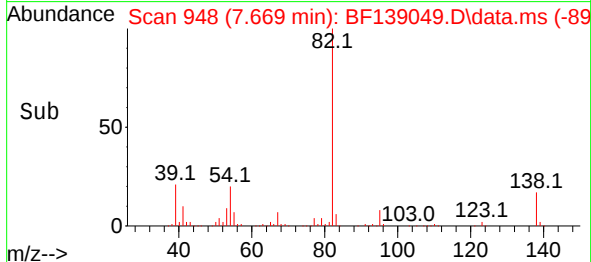
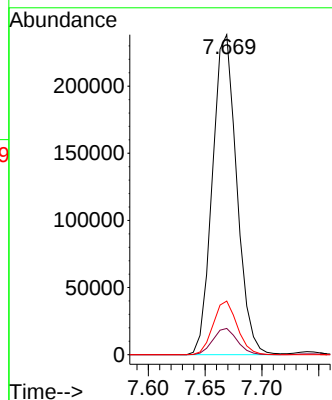
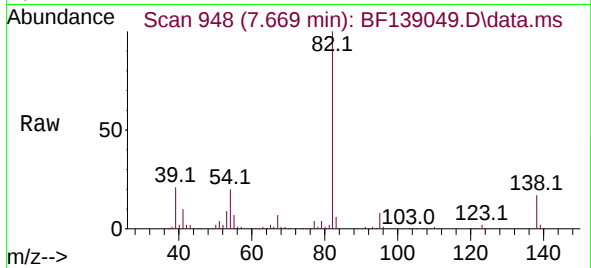




#25
Isophorone
Concen: 40.686 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

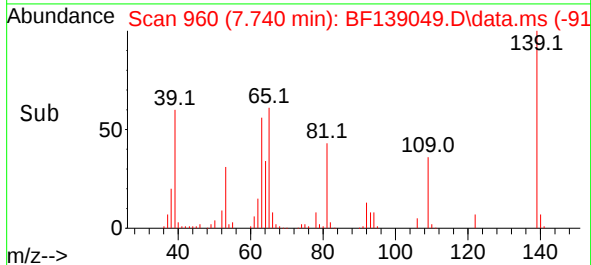
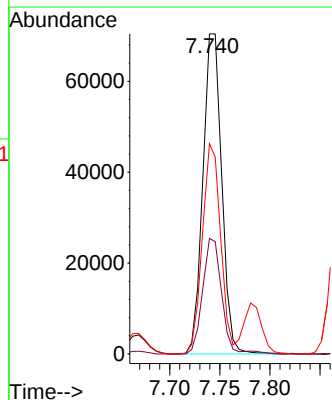
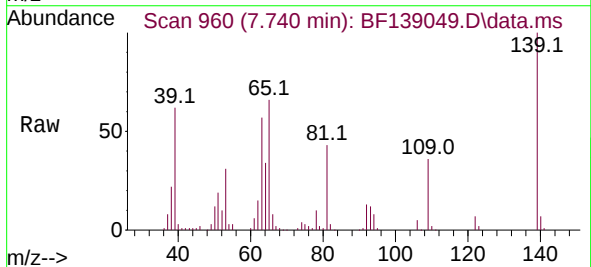
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

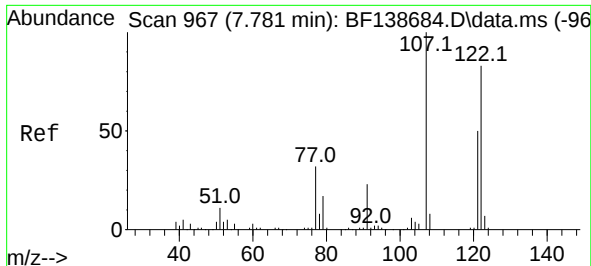
Tgt Ion: 82 Resp: 354832
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.7 13.7 20.5



#26
2-Nitrophenol
Concen: 41.342 ng
RT: 7.740 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion:139 Resp: 92441
Ion Ratio Lower Upper
139 100
109 36.1 25.9 38.9
65 65.7 47.0 70.6

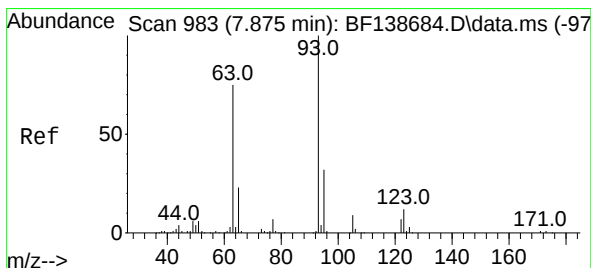
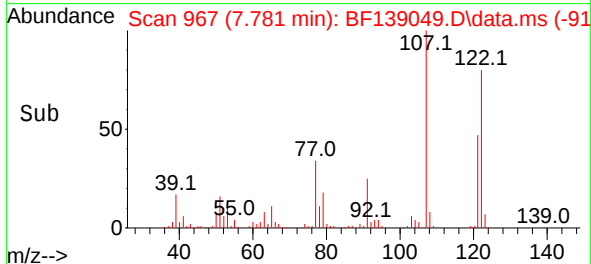
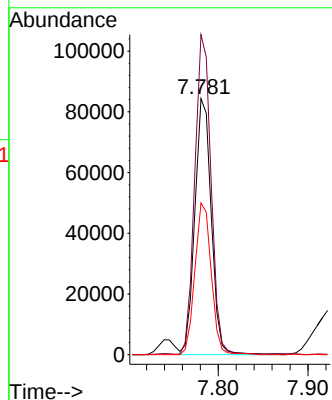
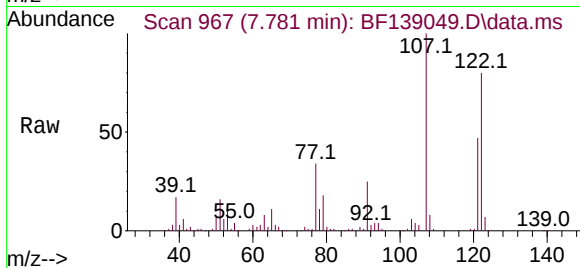




#27
2,4-Dimethylphenol
Concen: 40.109 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

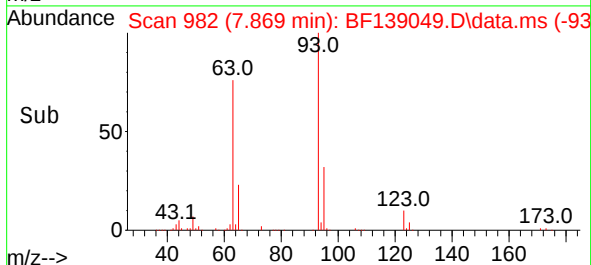
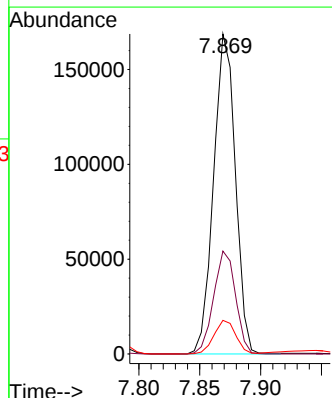
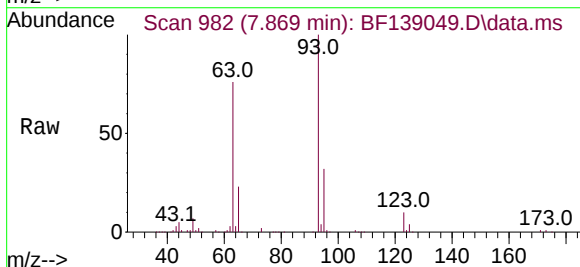
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

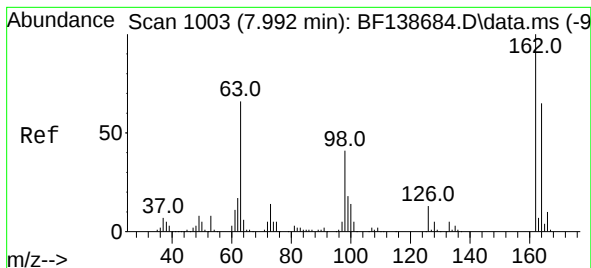
Tgt Ion:122 Resp: 107303
Ion Ratio Lower Upper
122 100
107 125.0 95.0 142.6
121 59.2 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.521 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion: 93 Resp: 209896
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 10.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.243 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

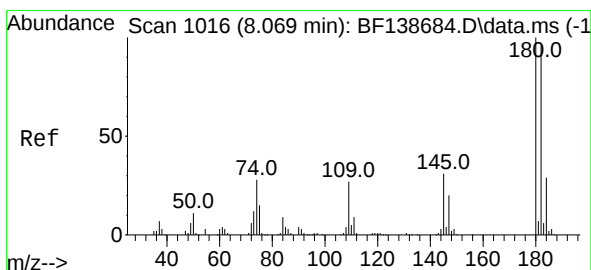
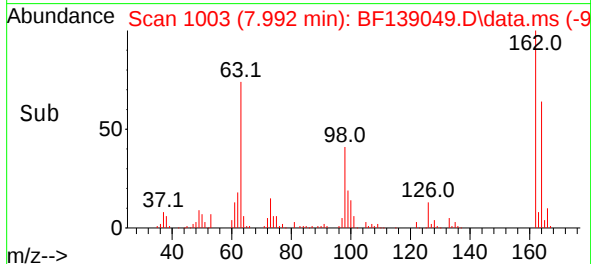
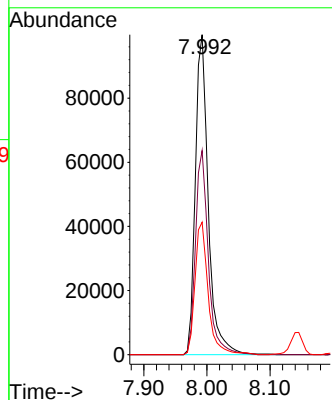
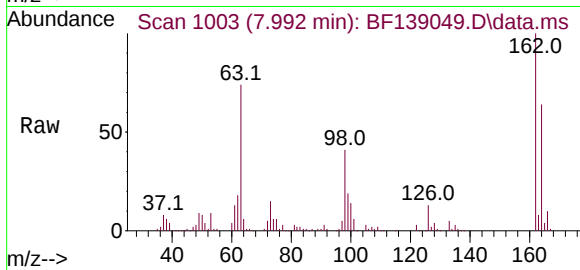
Tgt Ion:162 Resp: 141784

Ion Ratio Lower Upper

162 100

164 63.8 44.7 84.7

98 41.4 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 40.526 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

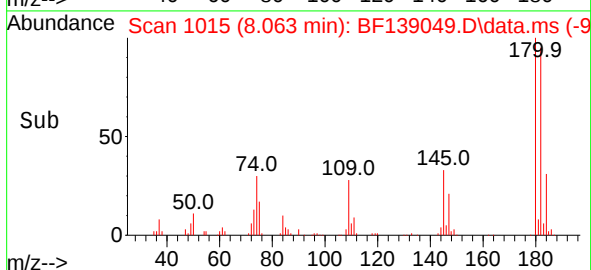
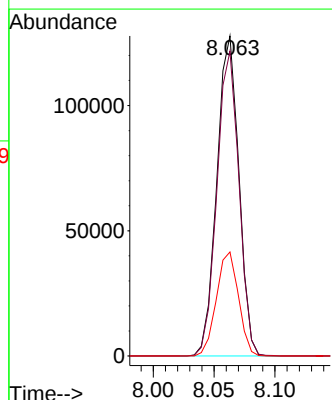
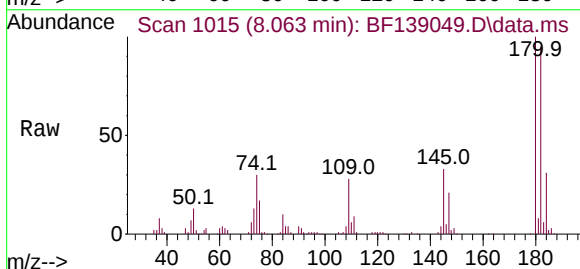
Tgt Ion:180 Resp: 160776

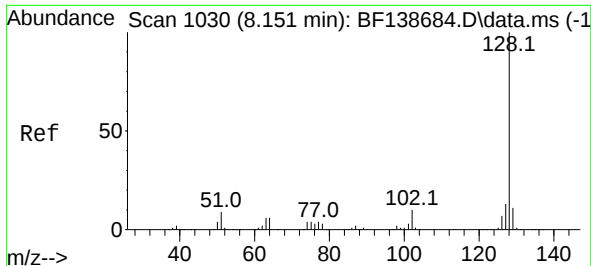
Ion Ratio Lower Upper

180 100

182 95.3 76.9 115.3

145 32.5 25.0 37.4





#31

Naphthalene

Concen: 40.179 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

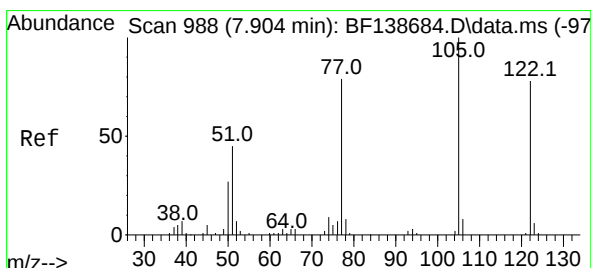
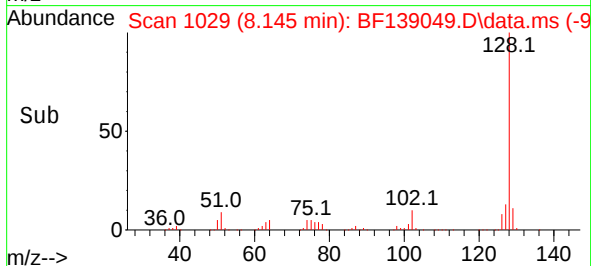
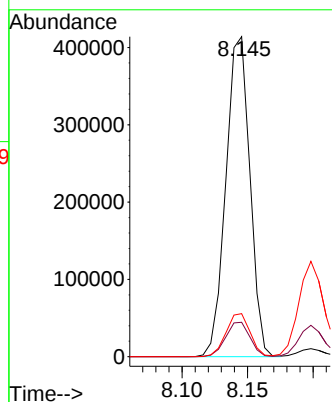
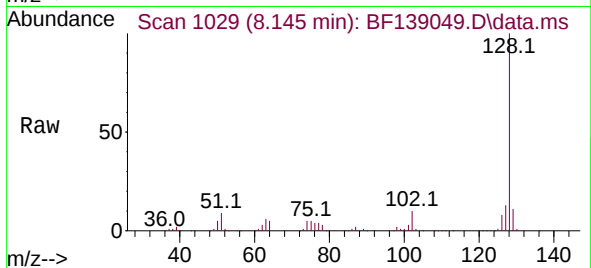
Tgt Ion:128 Resp: 528119

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.5 10.6 16.0



#32

Benzoic acid

Concen: 32.326 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.041 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

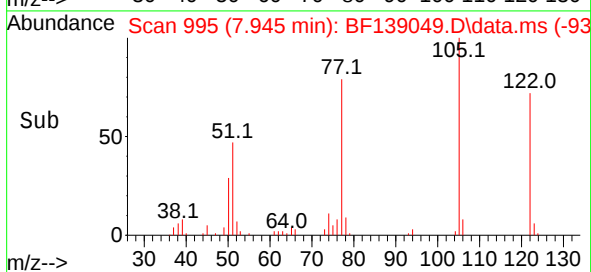
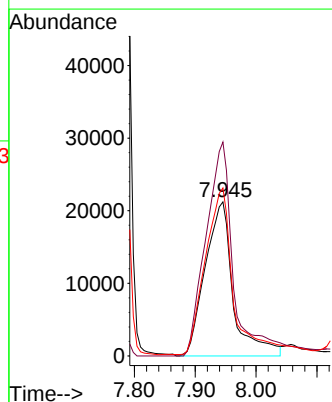
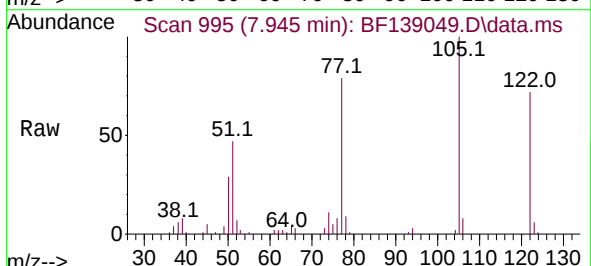
Tgt Ion:122 Resp: 67981

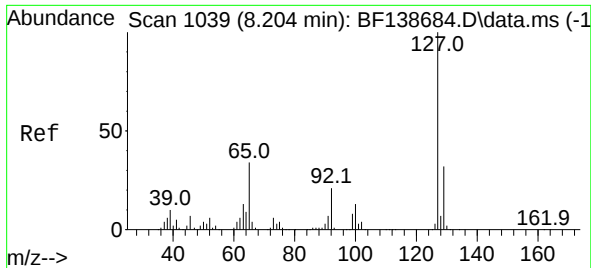
Ion Ratio Lower Upper

122 100

105 138.8 106.7 146.7

77 109.1 81.1 121.1





#33

4-Chloroaniline

Concen: 38.848 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 171404

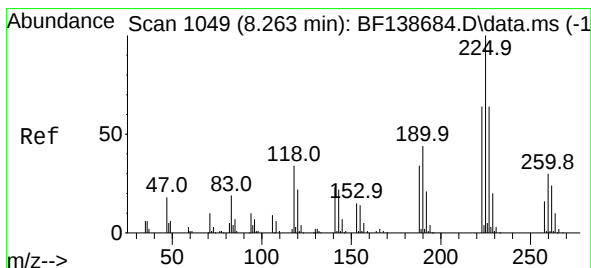
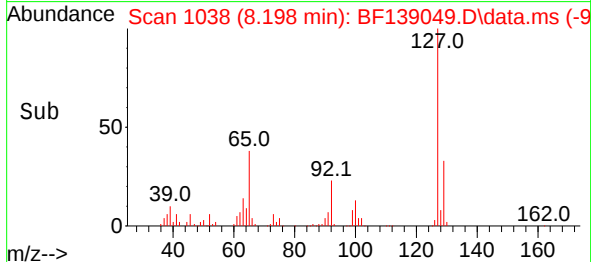
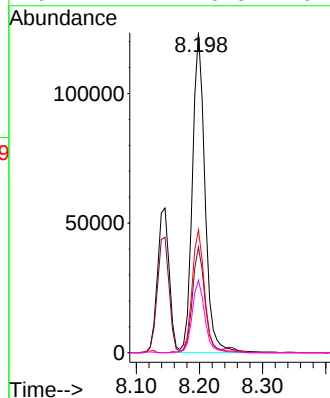
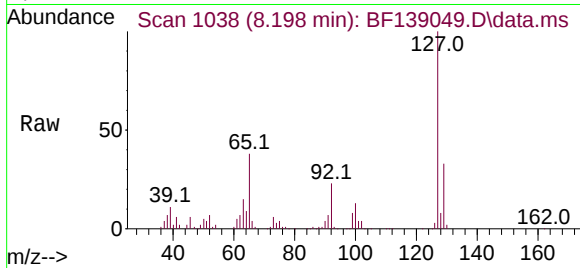
Ion Ratio Lower Upper

127 100

129 32.9 25.9 38.9

65 38.3 27.6 41.4

92 22.7 16.8 25.2



#34

Hexachlorobutadiene

Concen: 44.056 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

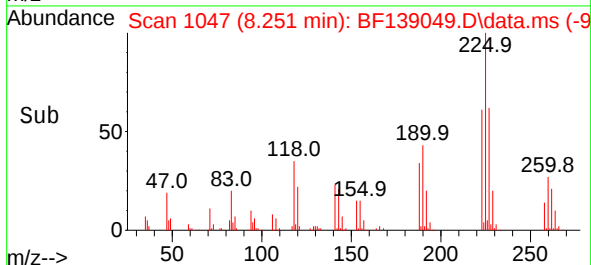
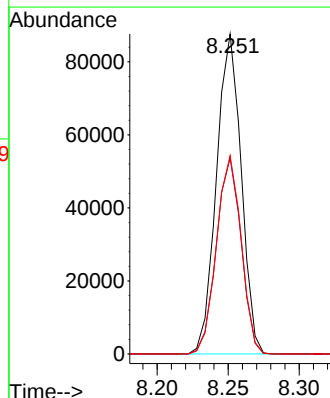
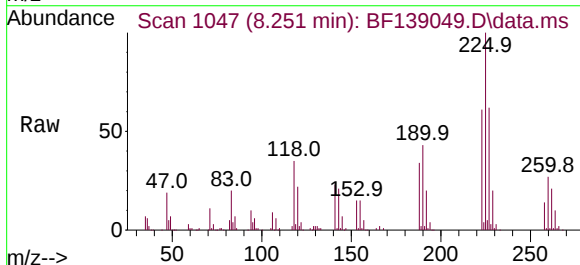
Tgt Ion:225 Resp: 105864

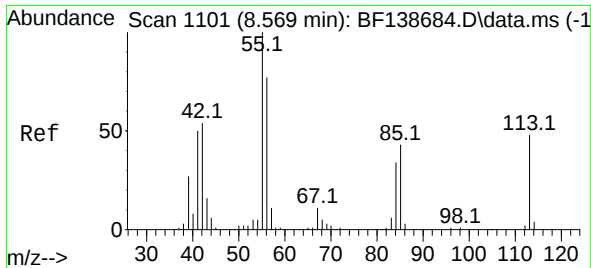
Ion Ratio Lower Upper

225 100

223 61.2 51.2 76.8

227 62.0 51.1 76.7





#35

Caprolactam

Concen: 33.206 ng

RT: 8.587 min Scan# 1104

Delta R.T. 0.018 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

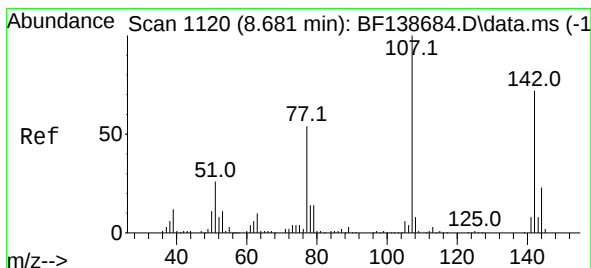
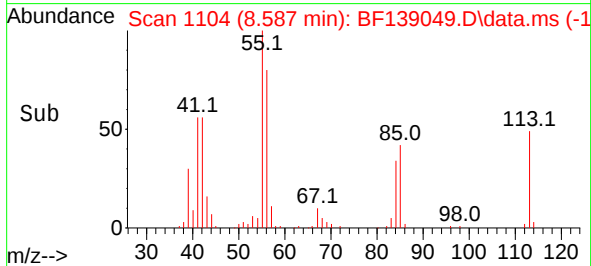
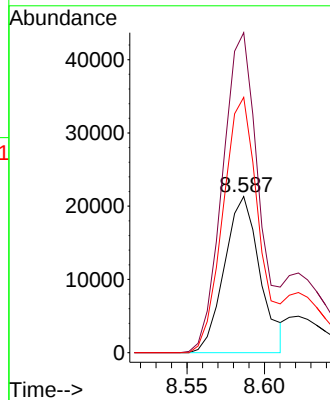
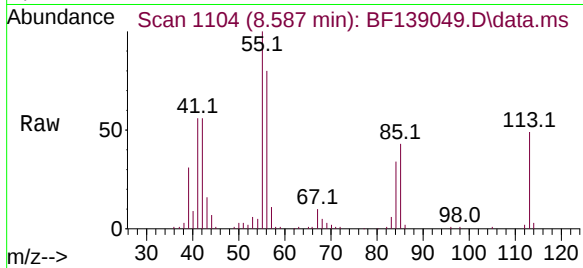
Tgt Ion:113 Resp: 34062

Ion Ratio Lower Upper

113 100

55 204.9 186.7 226.7

56 163.5 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 41.662 ng

RT: 8.687 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

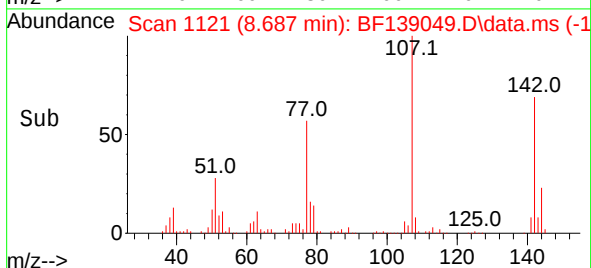
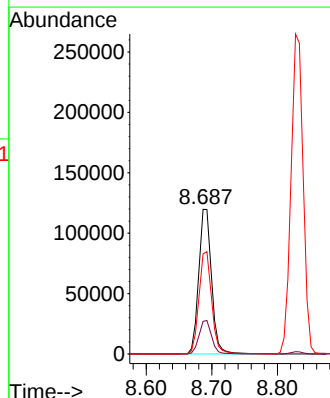
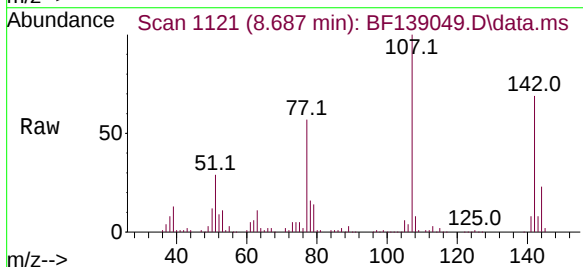
Tgt Ion:107 Resp: 163681

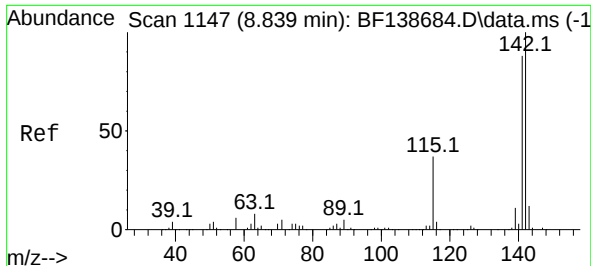
Ion Ratio Lower Upper

107 100

144 22.5 18.2 27.2

142 69.3 57.4 86.2





#37

2-Methylnaphthalene

Concen: 41.002 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

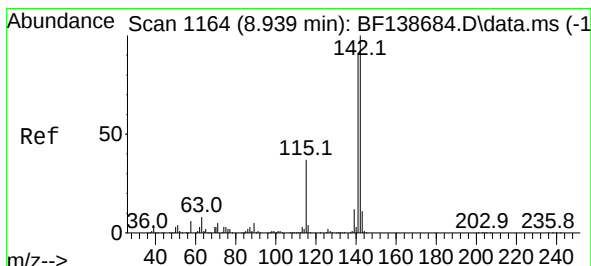
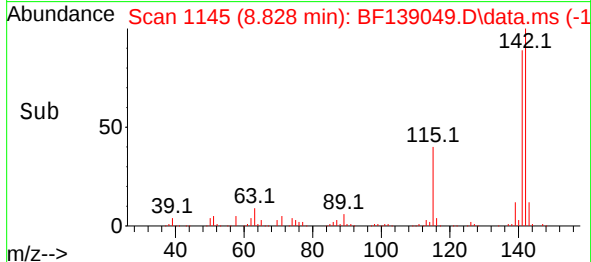
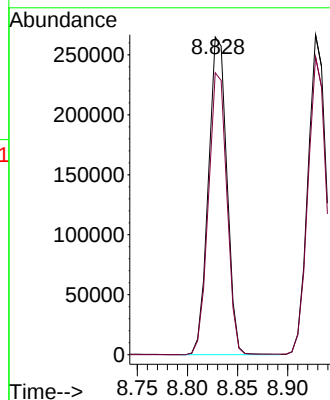
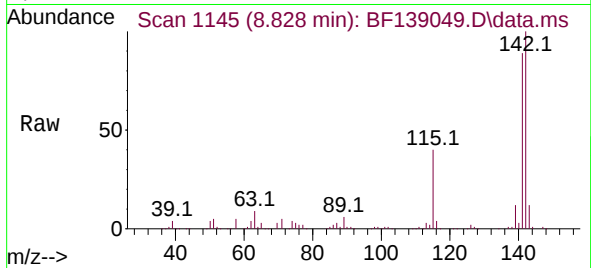
SSTDCCC040

Tgt Ion:142 Resp: 340362

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2



#38

1-Methylnaphthalene

Concen: 40.902 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139049.D

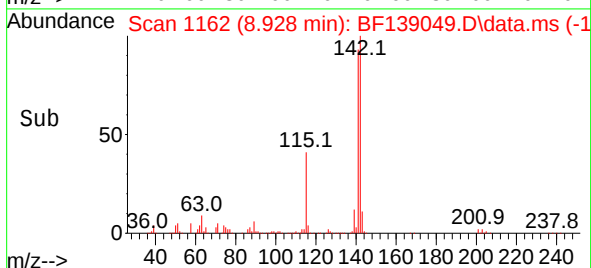
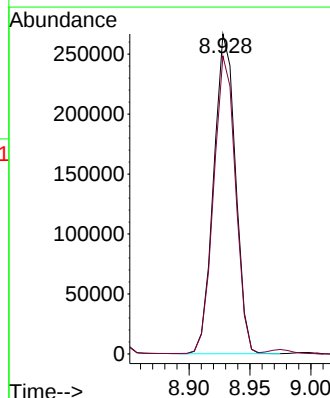
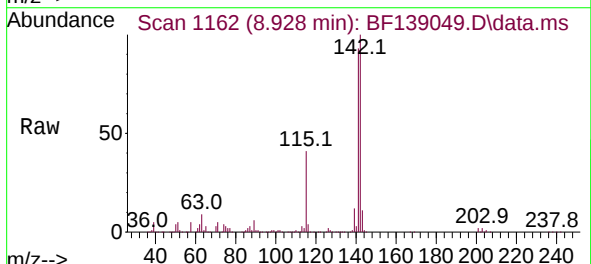
Acq: 16 Aug 2024 10:14

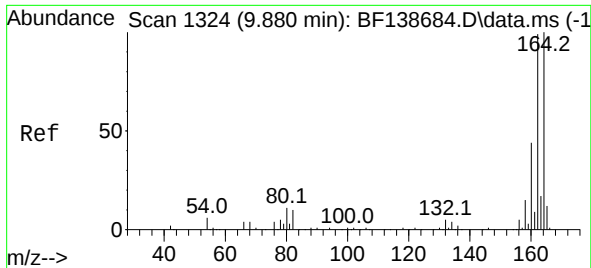
Tgt Ion:142 Resp: 332709

Ion Ratio Lower Upper

142 100

141 93.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1174

Delta R.T. -0.005 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

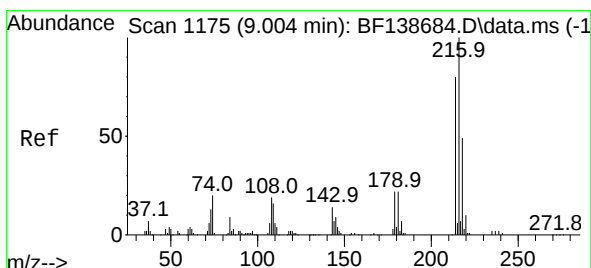
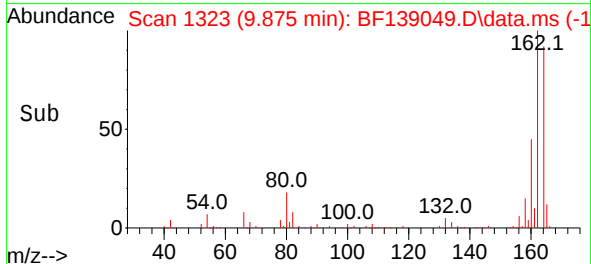
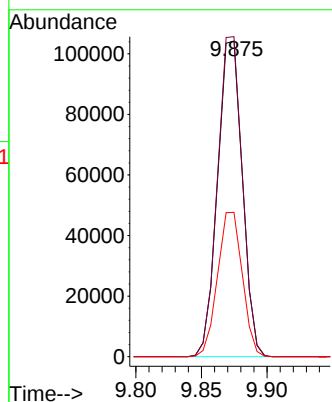
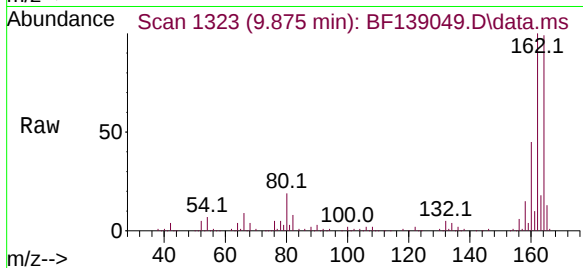
Tgt Ion:164 Resp: 137022

Ion Ratio Lower Upper

164 100

162 101.4 79.4 119.0

160 45.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.031 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Tgt Ion:216 Resp: 156178

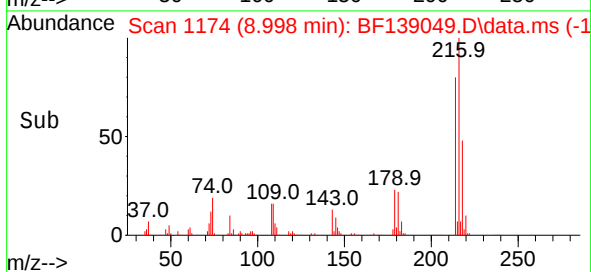
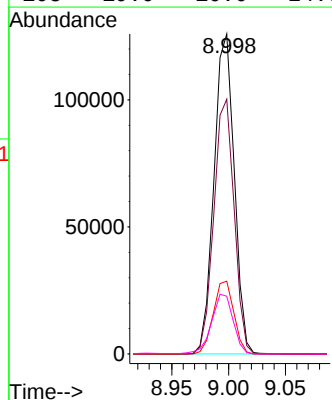
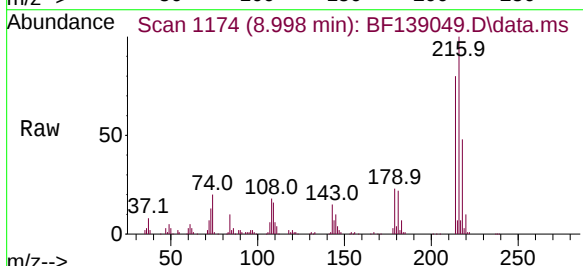
Ion Ratio Lower Upper

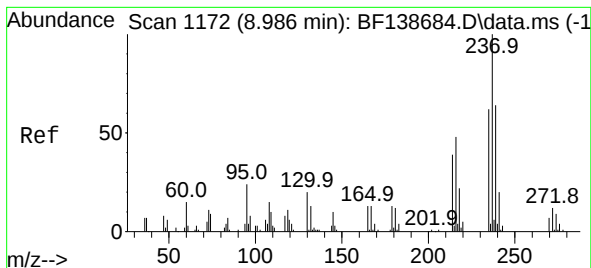
216 100

214 79.7 63.9 95.9

179 23.1 17.8 26.6

108 19.9 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 36.631 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.011 min

Lab File: BF139049.D

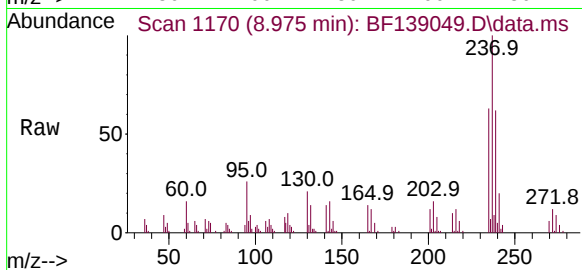
Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



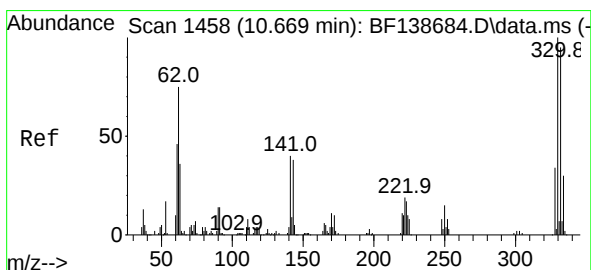
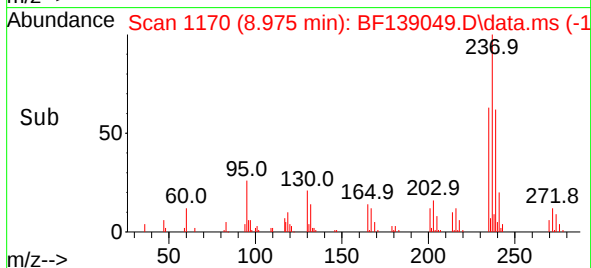
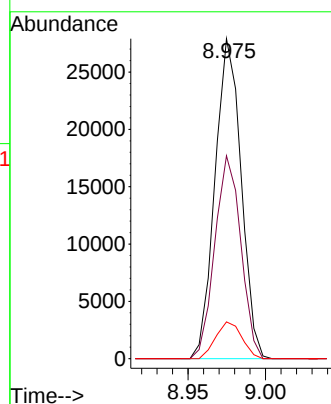
Tgt Ion:237 Resp: 32737

Ion Ratio Lower Upper

237 100

235 63.4 41.8 81.8

272 11.5 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 78.593 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

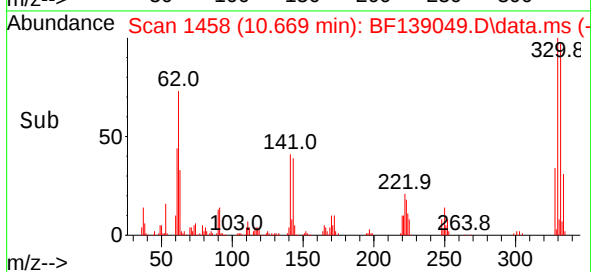
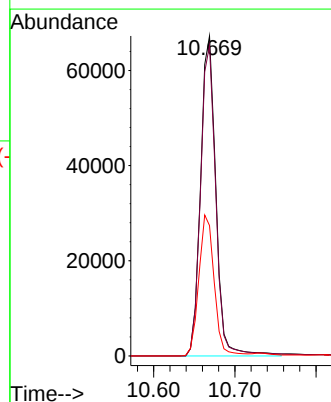
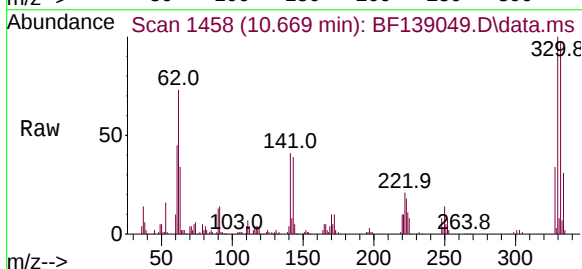
Tgt Ion:330 Resp: 88212

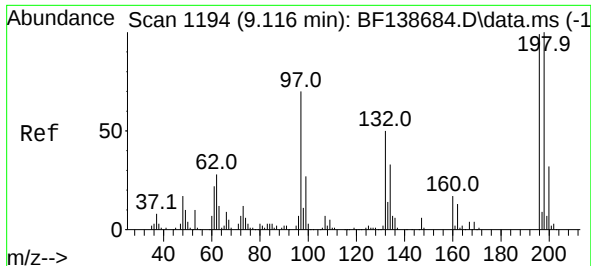
Ion Ratio Lower Upper

330 100

332 98.5 76.4 114.6

141 44.4 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 39.151 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF139049.D

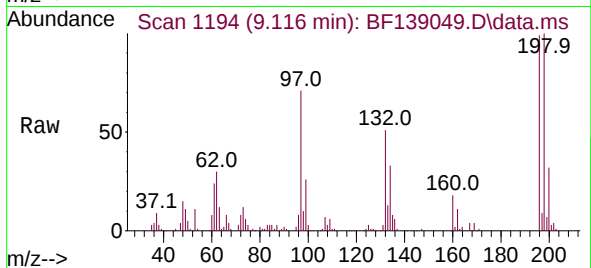
Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



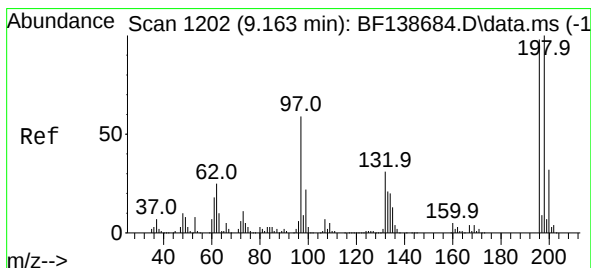
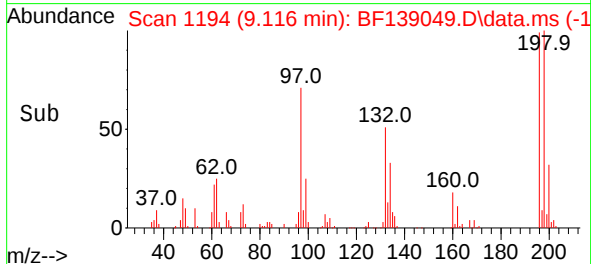
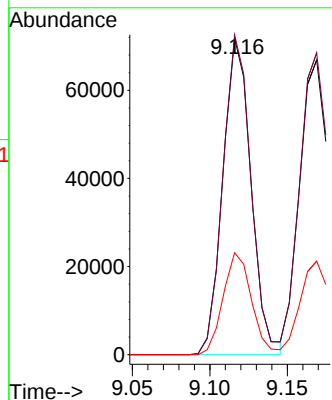
Tgt Ion:196 Resp: 90860

Ion Ratio Lower Upper

196 100

198 101.1 80.5 120.7

200 32.2 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 38.819 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Tgt Ion:196 Resp: 98486

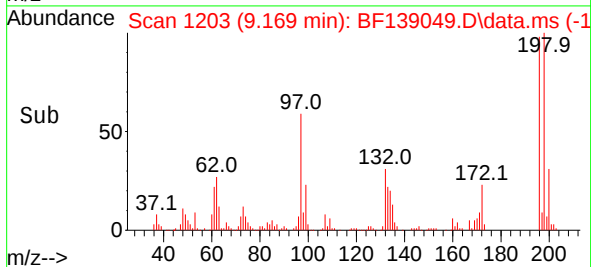
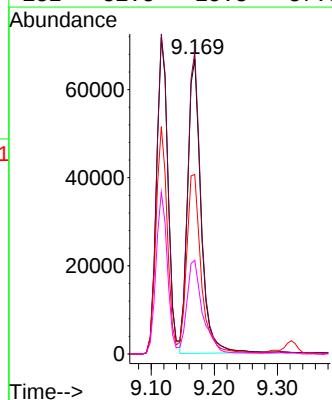
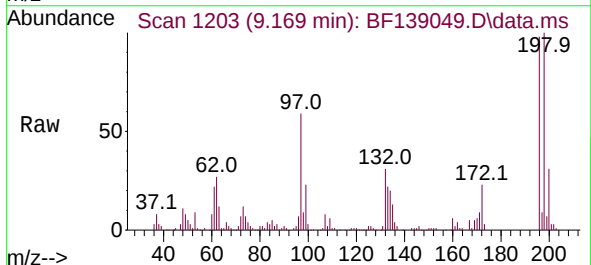
Ion Ratio Lower Upper

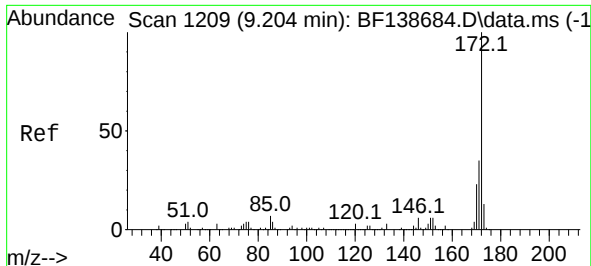
196 100

198 102.4 81.2 121.8

97 60.9 47.8 71.6

132 31.8 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 84.195 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

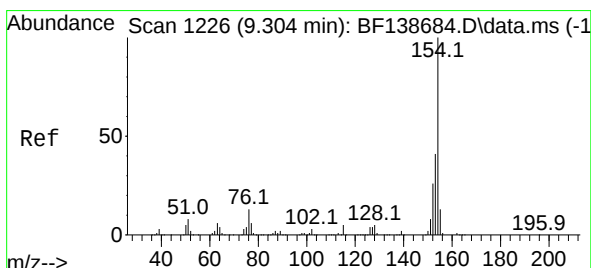
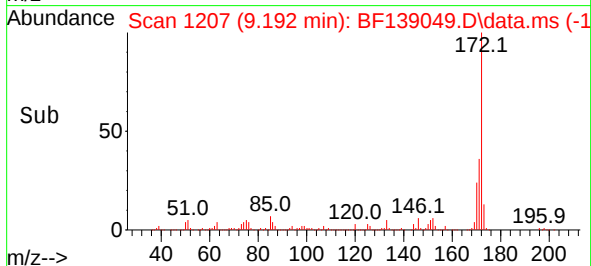
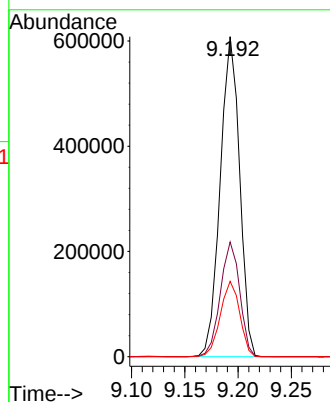
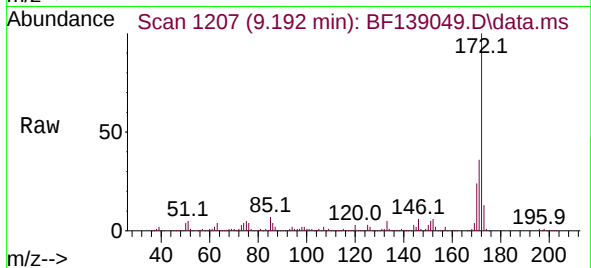
Tgt Ion:172 Resp: 767825

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 40.974 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

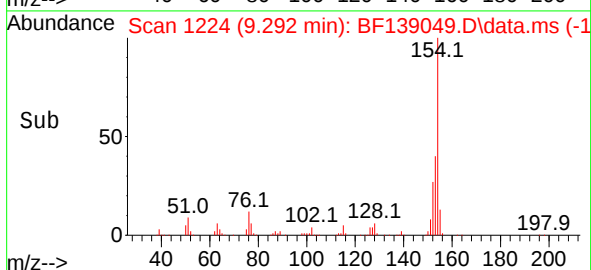
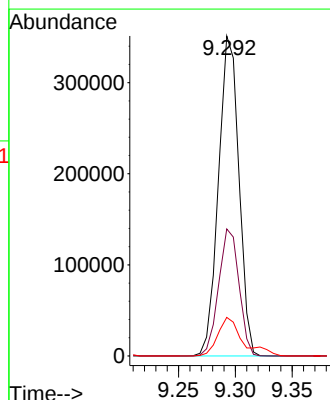
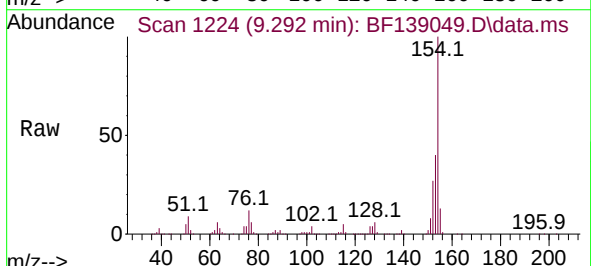
Tgt Ion:154 Resp: 439705

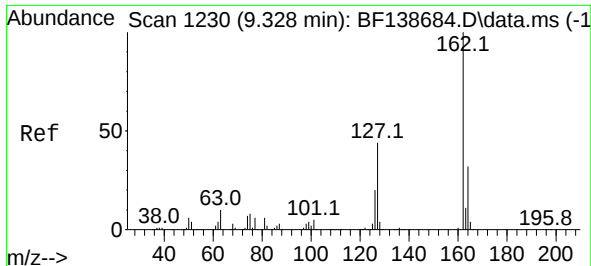
Ion Ratio Lower Upper

154 100

153 39.7 20.8 60.8

76 12.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.953 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

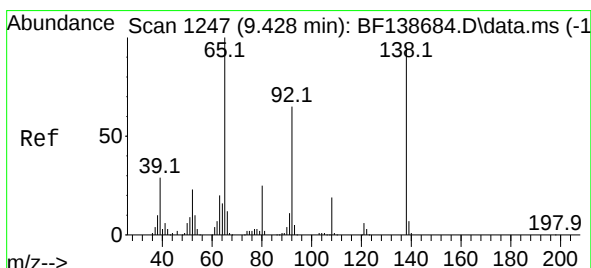
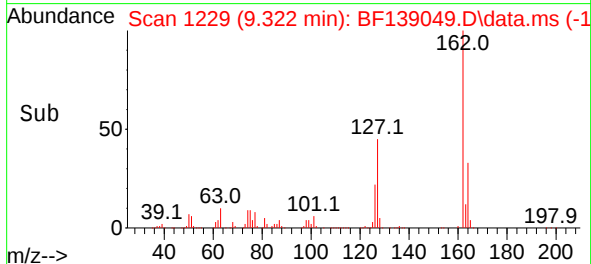
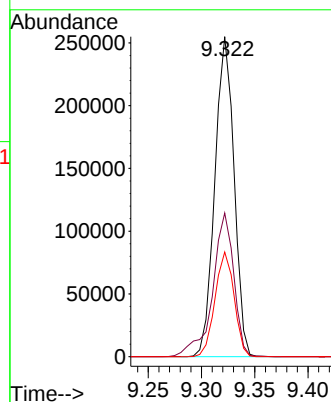
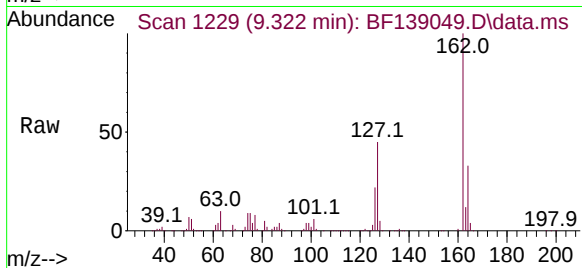
Tgt Ion:162 Resp: 318873

Ion Ratio Lower Upper

162 100

127 44.9 35.4 53.2

164 32.7 25.6 38.4



#48

2-Nitroaniline

Concen: 41.786 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

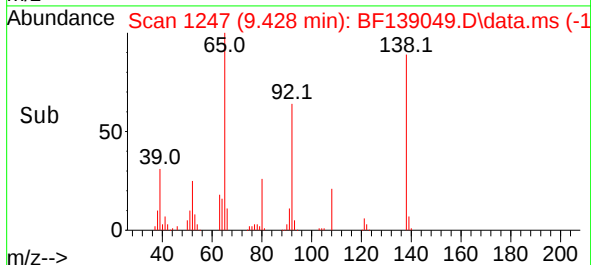
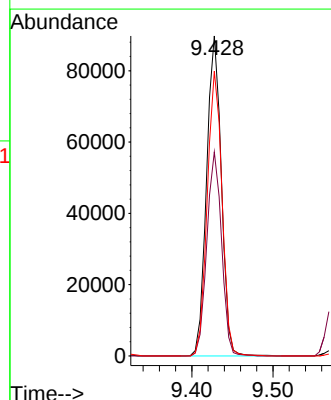
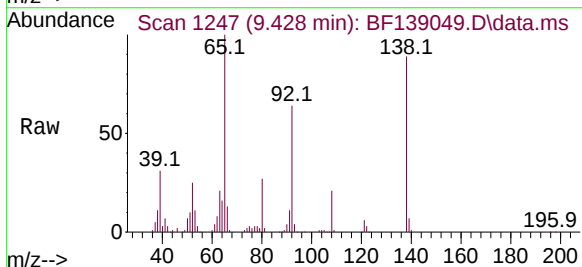
Tgt Ion: 65 Resp: 113063

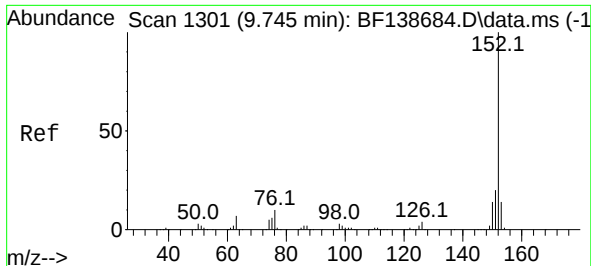
Ion Ratio Lower Upper

65 100

92 63.8 52.0 78.0

138 89.0 76.2 114.4





#49

Acenaphthylene

Concen: 40.059 ng

RT: 9.734 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF139049.D

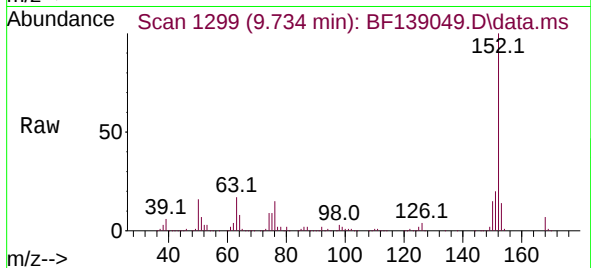
Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



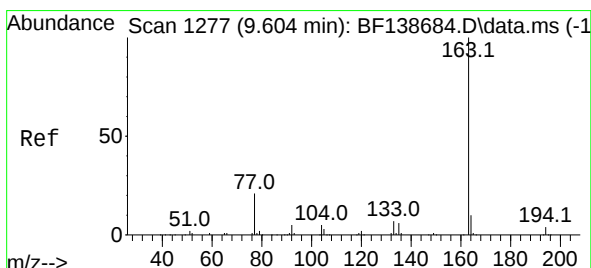
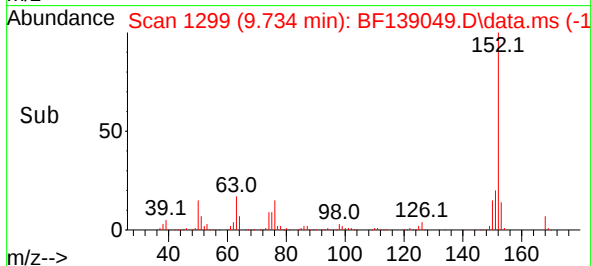
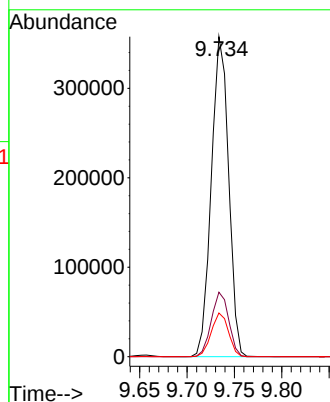
Tgt Ion:152 Resp: 453457

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.6 11.0 16.4



#50

Dimethylphthalate

Concen: 42.115 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

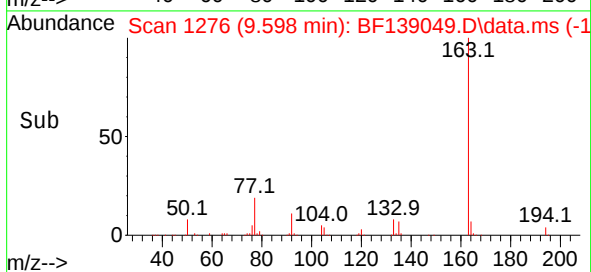
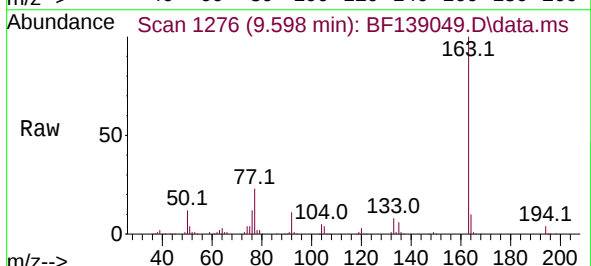
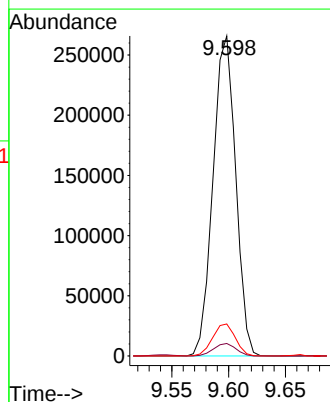
Tgt Ion:163 Resp: 368989

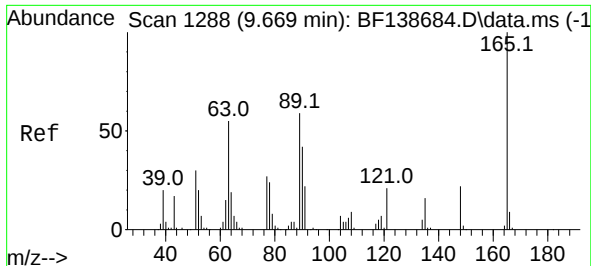
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 7.8 11.8

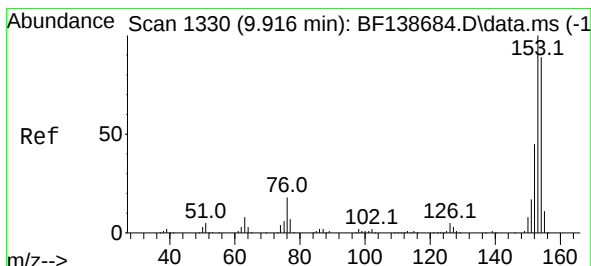
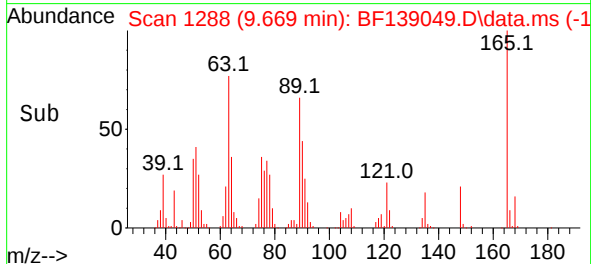
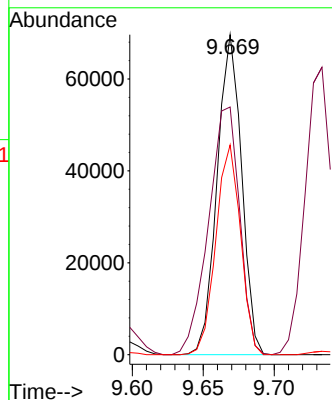
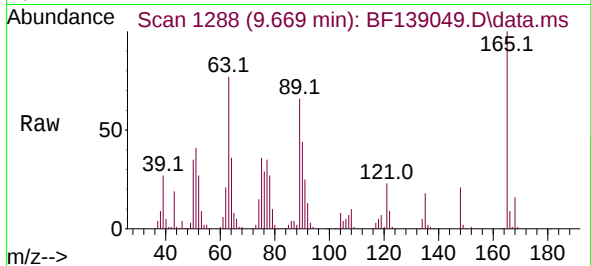




#51
2,6-Dinitrotoluene
Concen: 42.202 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

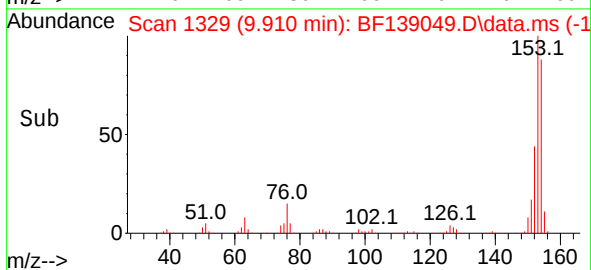
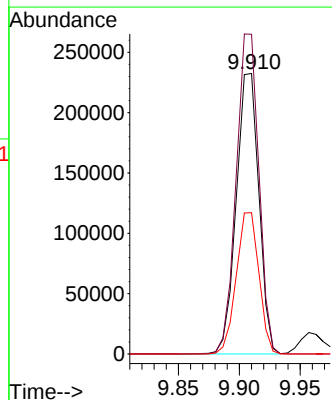
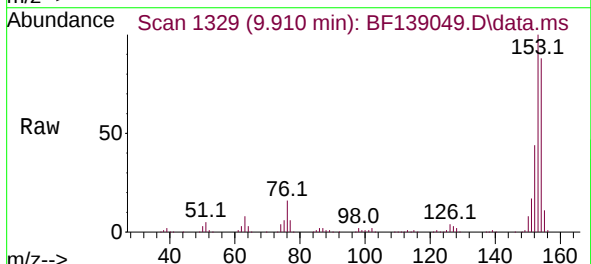
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

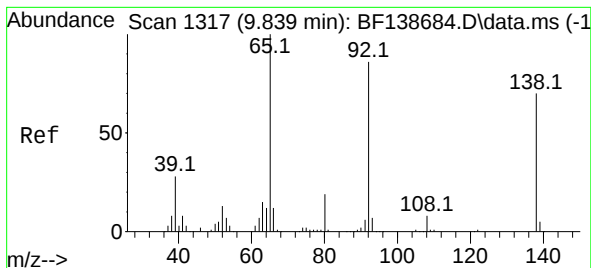
Tgt Ion:165 Resp: 83446
Ion Ratio Lower Upper
165 100
63 77.4 52.0 78.0
89 65.6 47.0 70.6



#52
Acenaphthene
Concen: 39.571 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion:154 Resp: 301111
Ion Ratio Lower Upper
154 100
153 113.9 89.9 134.9
152 50.4 40.6 60.8





#53

3-Nitroaniline

Concen: 39.251 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

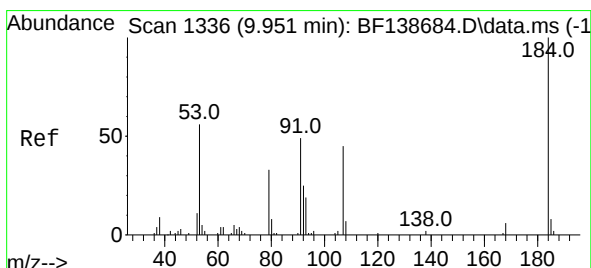
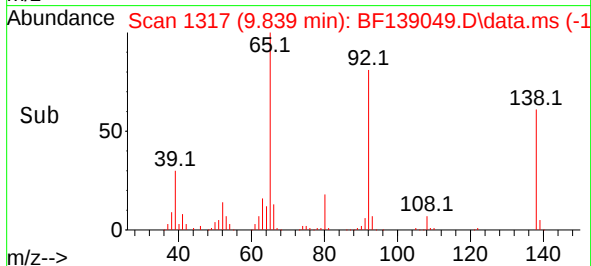
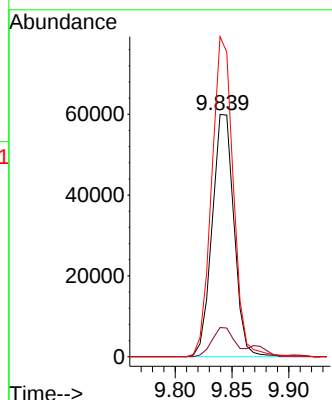
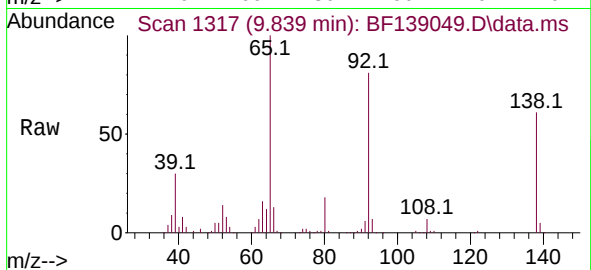
Tgt Ion:138 Resp: 80232

Ion Ratio Lower Upper

138 100

108 12.1 9.1 13.7

92 132.1 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 41.045 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

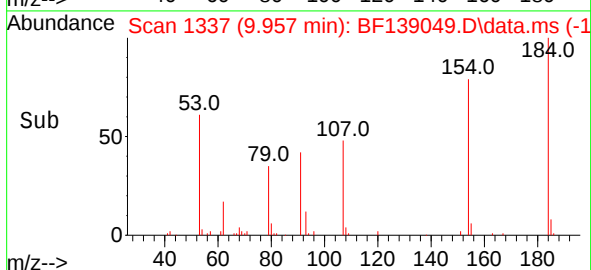
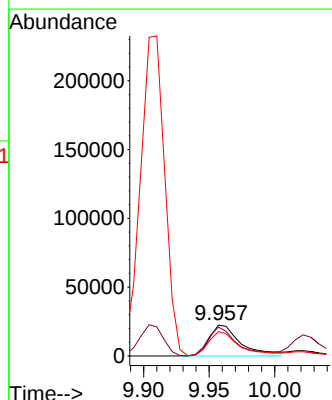
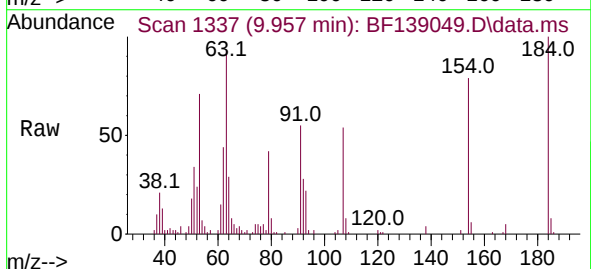
Tgt Ion:184 Resp: 37359

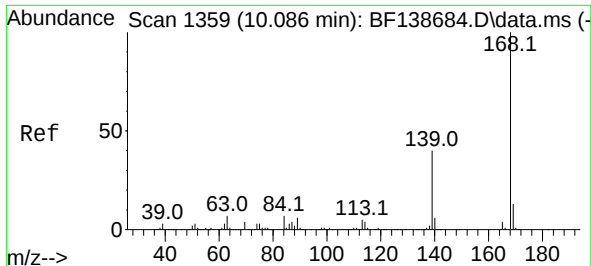
Ion Ratio Lower Upper

184 100

63 93.2 57.5 86.3#

154 78.9 51.7 77.5#

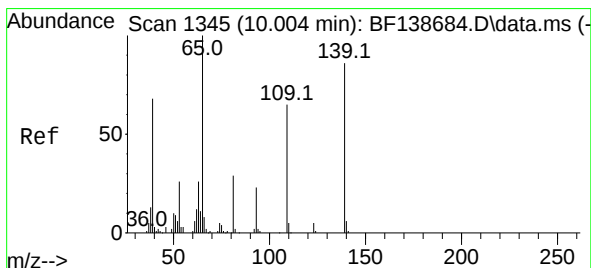
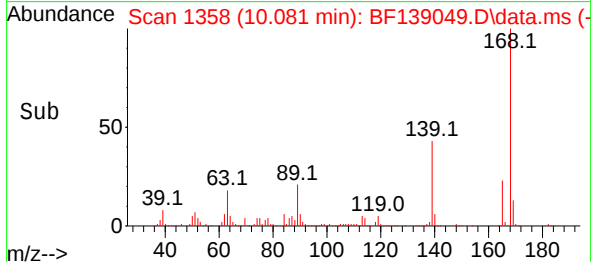
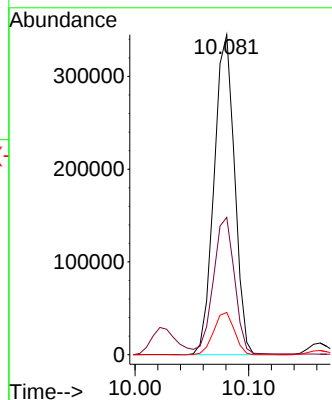
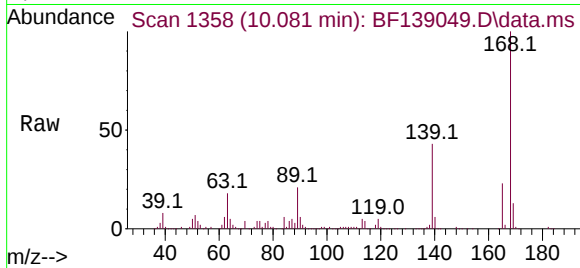




#55
Dibenzenofuran
Concen: 40.286 ng
RT: 10.081 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

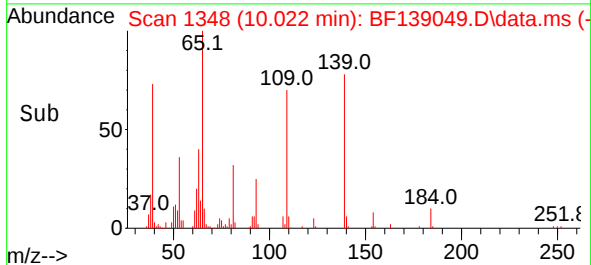
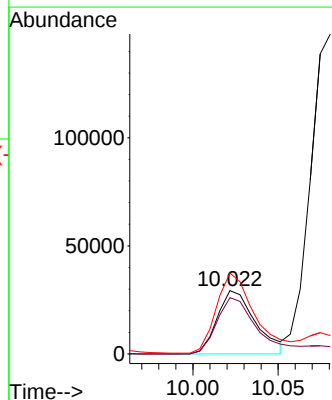
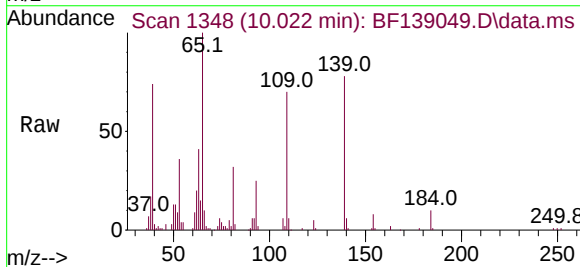
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

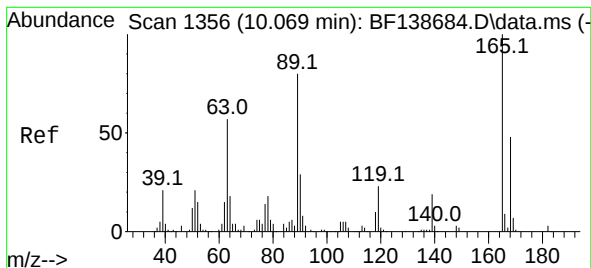
Tgt Ion:168 Resp: 432726
Ion Ratio Lower Upper
168 100
139 42.9 32.6 49.0
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 37.169 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion:139 Resp: 45688
Ion Ratio Lower Upper
139 100
109 88.8 55.5 95.5
65 127.6 96.7 136.7

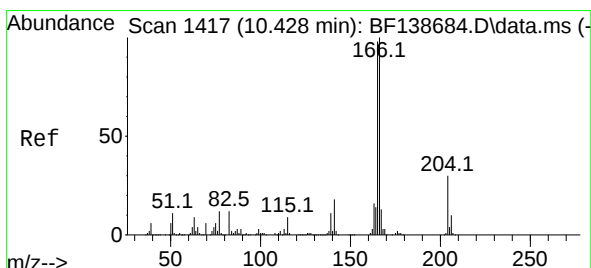
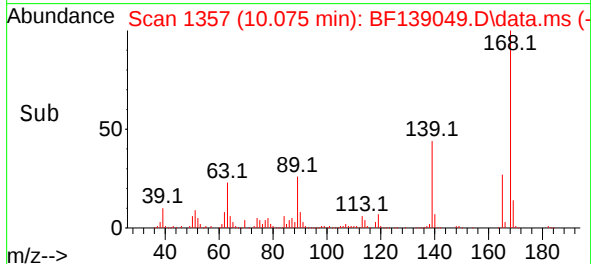
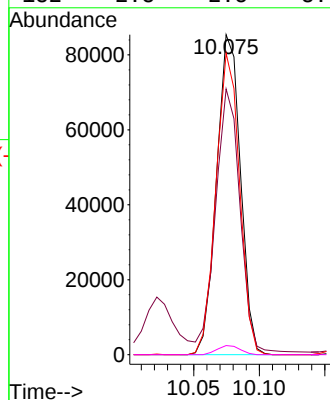
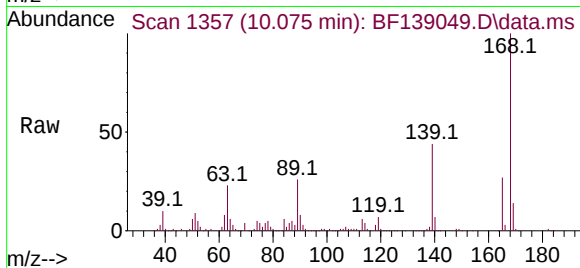




#57
2,4-Dinitrotoluene
Concen: 42.782 ng
RT: 10.075 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

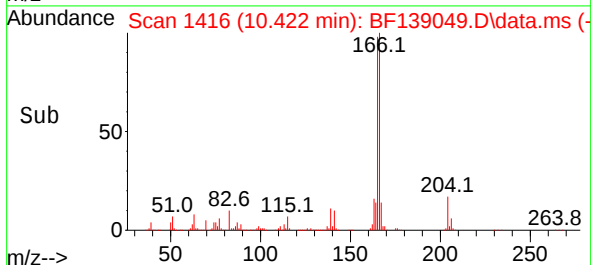
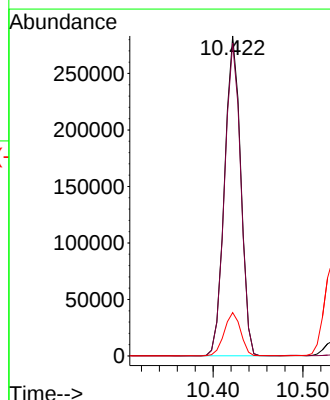
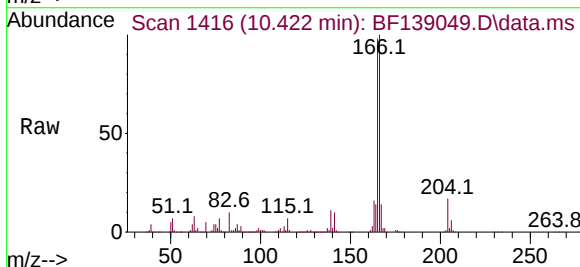
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

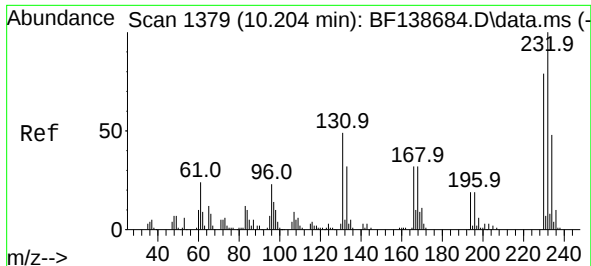
Tgt Ion:165 Resp: 107926
Ion Ratio Lower Upper
165 100
63 83.0 46.3 69.5#
89 94.2 64.2 96.4
182 2.8 2.5 3.7



#58
Fluorene
Concen: 41.289 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion:166 Resp: 353173
Ion Ratio Lower Upper
166 100
165 97.7 78.4 117.6
167 13.6 10.6 16.0

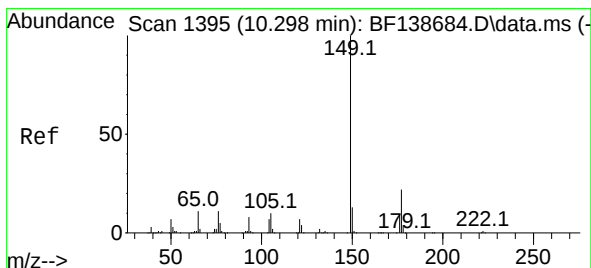
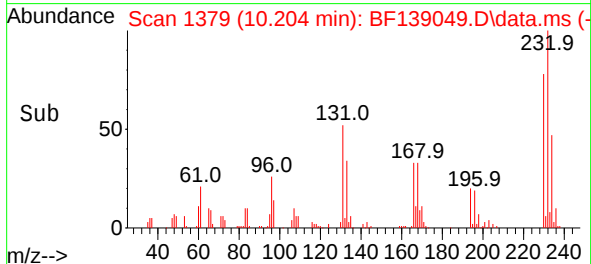
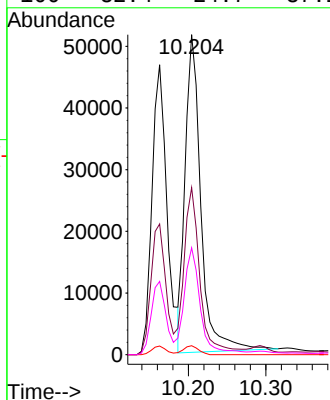
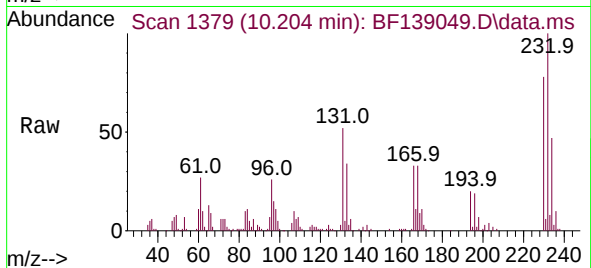




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.398 ng
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

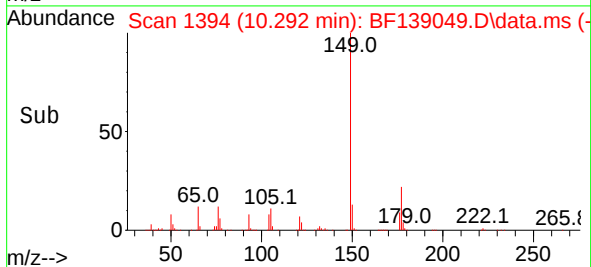
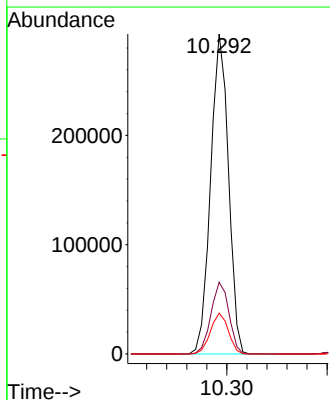
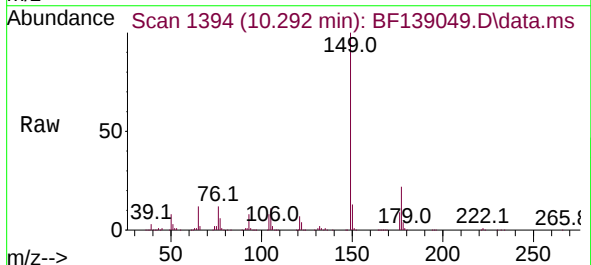
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

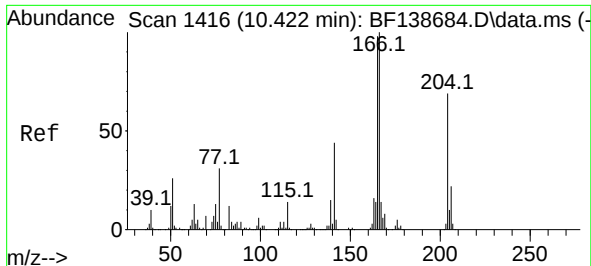
Tgt Ion:232 Resp: 72538
Ion Ratio Lower Upper
232 100
131 52.6 37.0 55.4
130 2.8 2.0 3.0
166 32.4 24.7 37.1



#60
Diethylphthalate
Concen: 43.502 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion:149 Resp: 361383
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.8 10.1 15.1

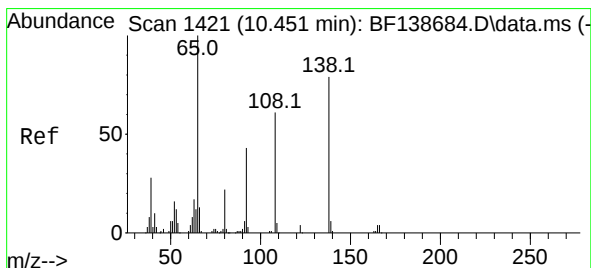
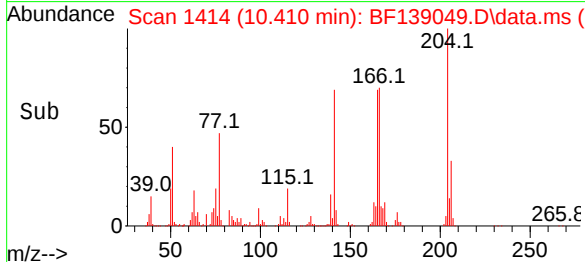
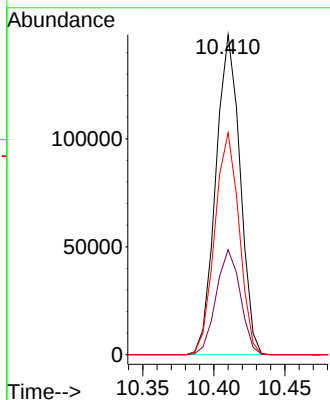
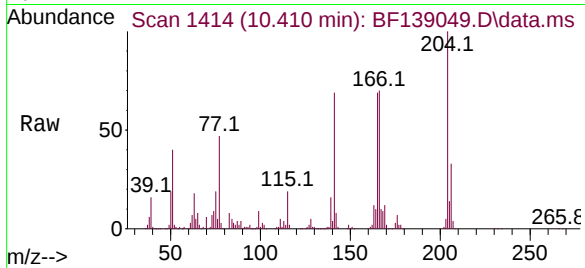




#61
4-Chlorophenyl-phenylether
Concen: 41.818 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

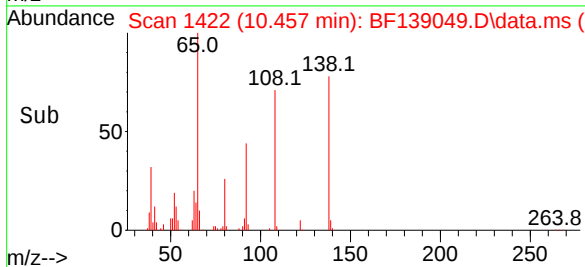
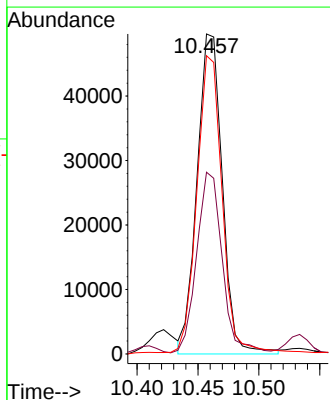
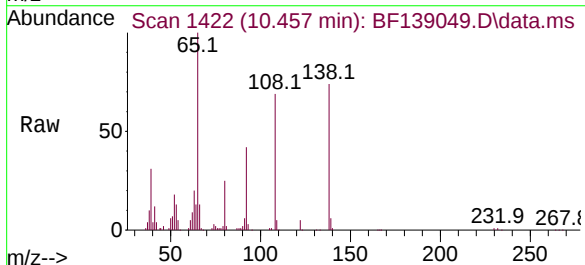
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

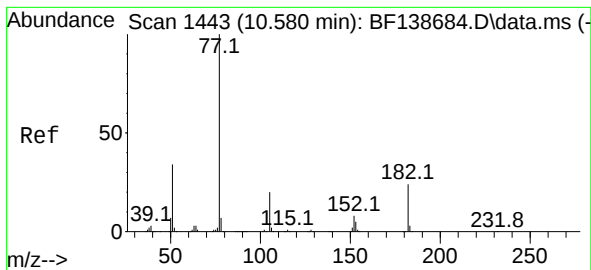
Tgt Ion:204 Resp: 175925
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 69.4 51.4 77.0



#62
4-Nitroaniline
Concen: 36.828 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion:138 Resp: 71538
Ion Ratio Lower Upper
138 100
92 56.8 34.2 74.2
108 93.2 56.2 96.2





#63

Azobenzene

Concen: 41.572 ng

RT: 10.569 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 383027

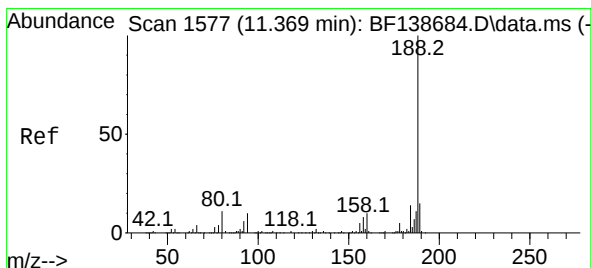
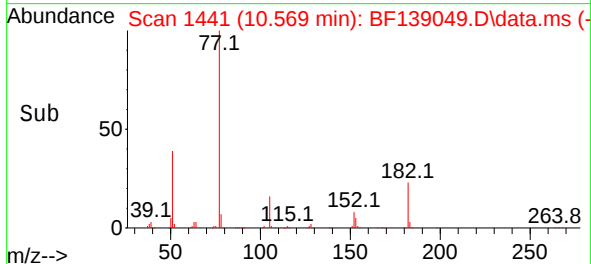
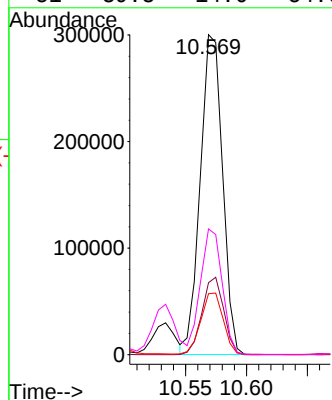
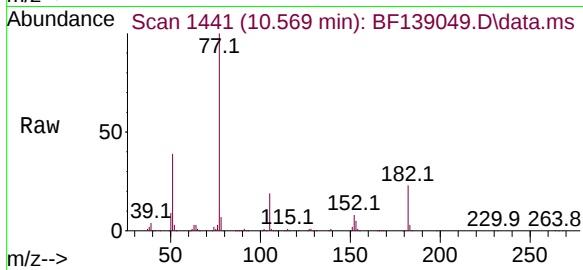
Ion Ratio Lower Upper

77 100

182 22.5 3.4 43.4

105 19.0 0.2 40.2

51 39.3 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: BF139049.D

Acq: 16 Aug 2024 10:14

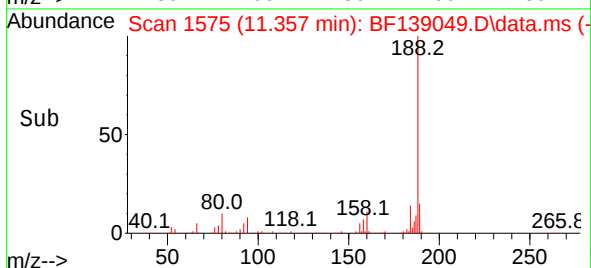
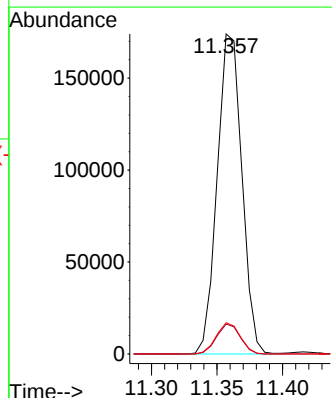
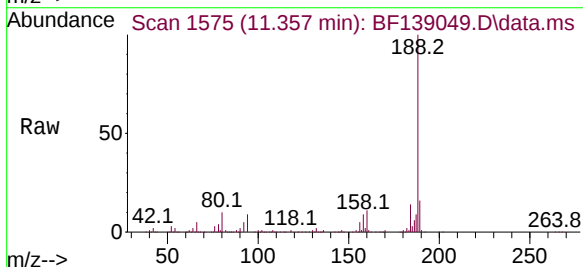
Tgt Ion:188 Resp: 227673

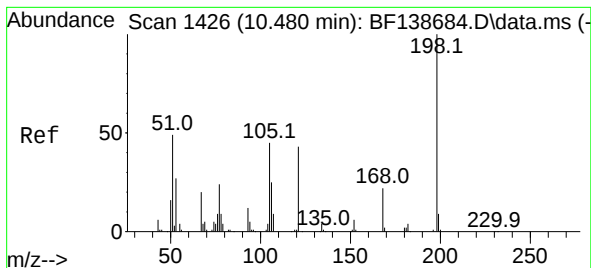
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.7 8.6 12.8

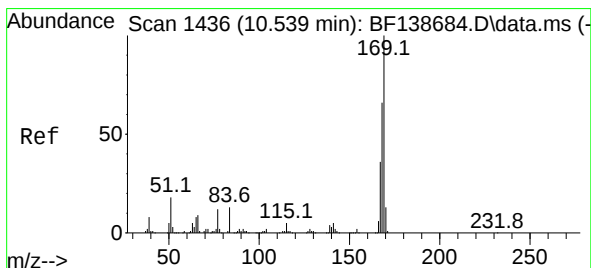
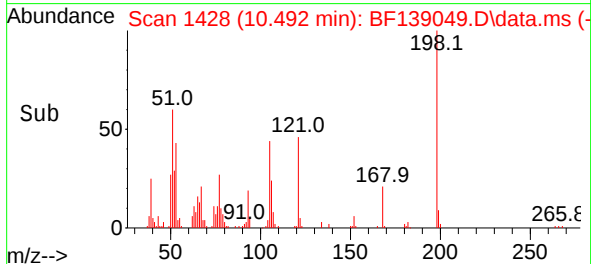
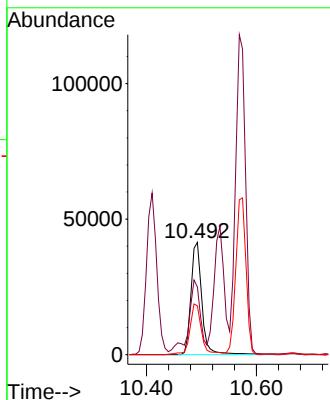
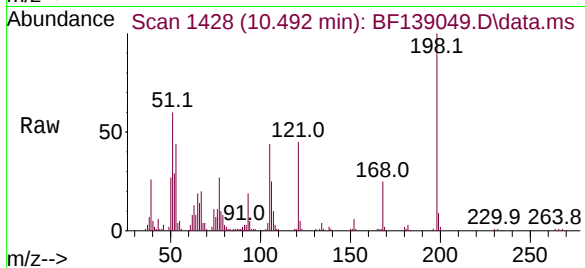




#65
4,6-Dinitro-2-methylphenol
Concen: 41.252 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

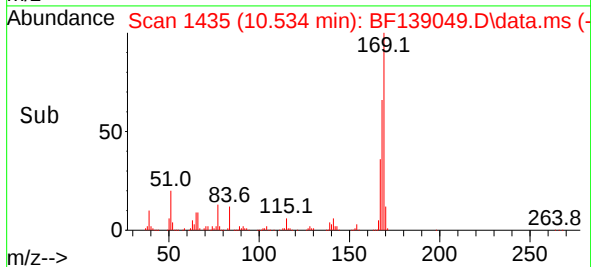
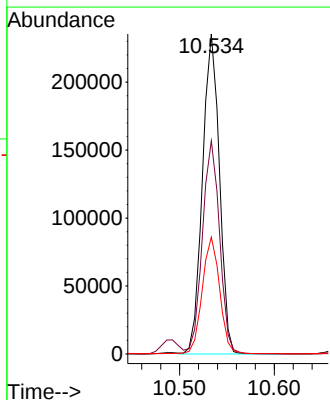
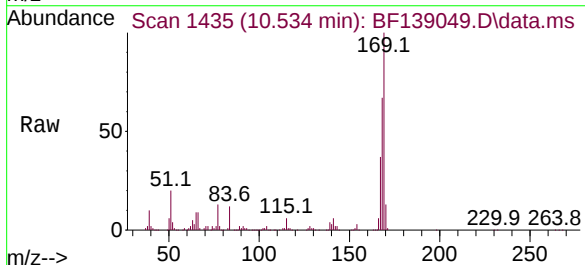
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

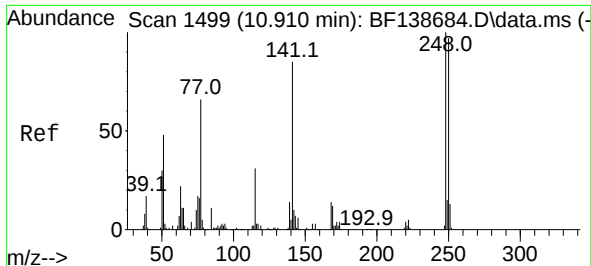
Tgt Ion:198 Resp: 57299
Ion Ratio Lower Upper
198 100
51 60.2 39.9 79.9
105 43.5 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 41.060 ng
RT: 10.534 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion:169 Resp: 292203
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.5 29.0 43.6

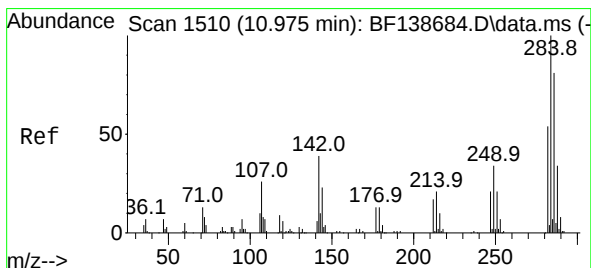
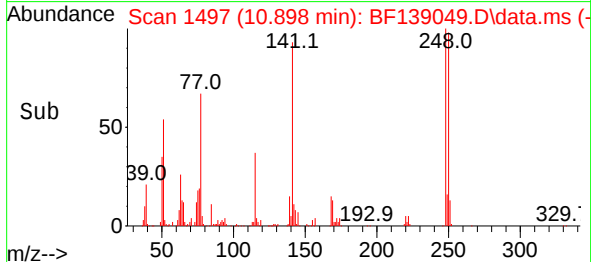
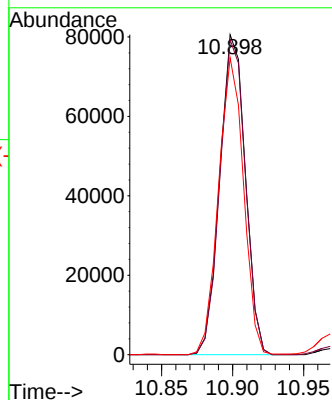
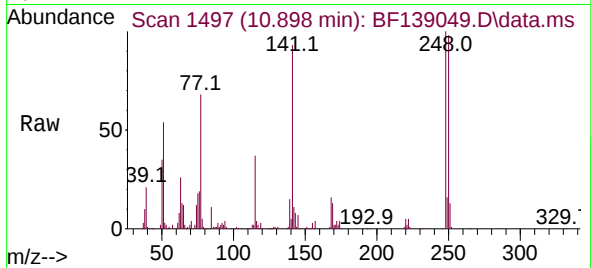




#67
4-Bromophenyl-phenylether
Concen: 40.814 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

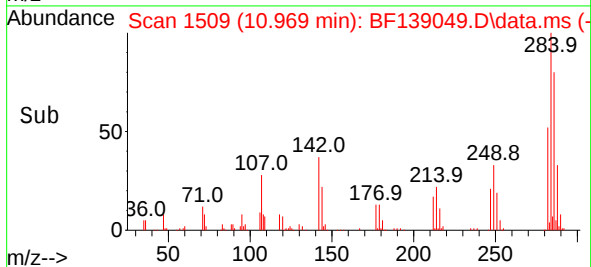
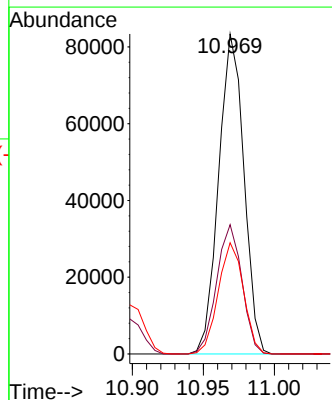
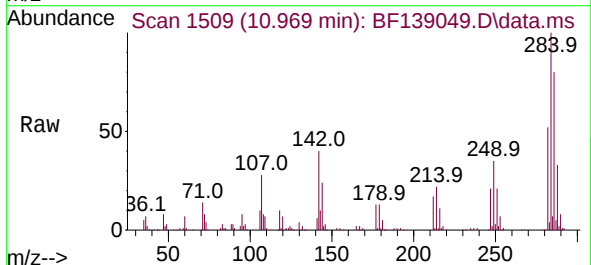
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

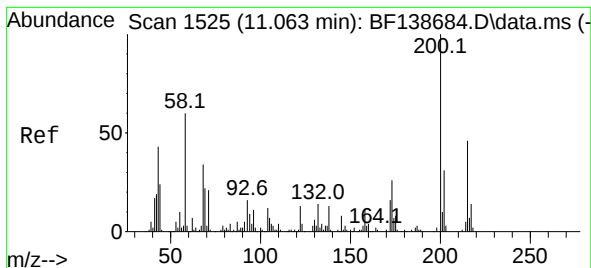
Tgt Ion:248 Resp: 100606
Ion Ratio Lower Upper
248 100
250 98.4 77.7 116.5
141 92.8 68.0 102.0



#68
Hexachlorobenzene
Concen: 40.484 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion:284 Resp: 103036
Ion Ratio Lower Upper
284 100
142 40.4 31.3 46.9
249 34.8 27.2 40.8





#69

Atrazine

Concen: 35.061 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

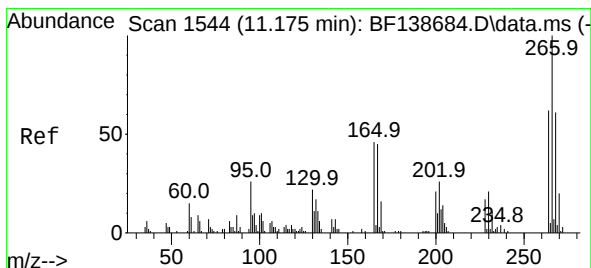
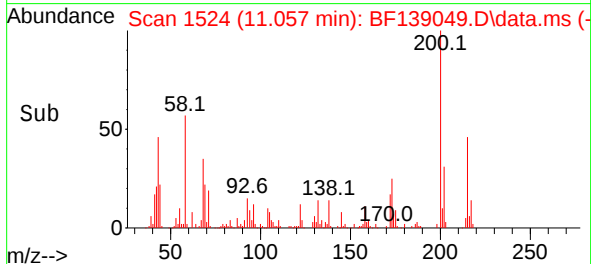
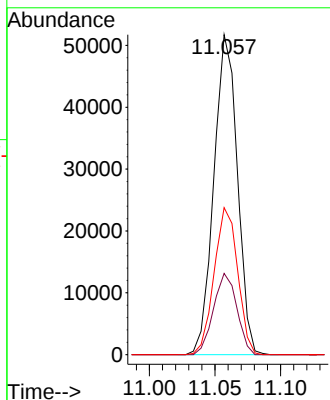
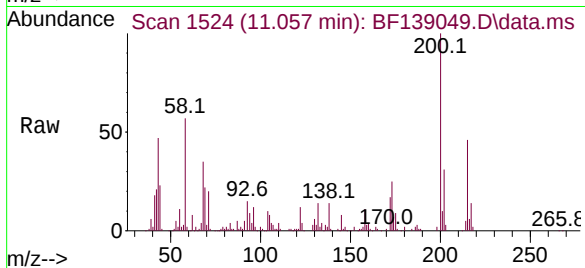
Tgt Ion:200 Resp: 64375

Ion Ratio Lower Upper

200 100

173 25.4 6.0 46.0

215 46.0 26.1 66.1



#70

Pentachlorophenol

Concen: 34.470 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

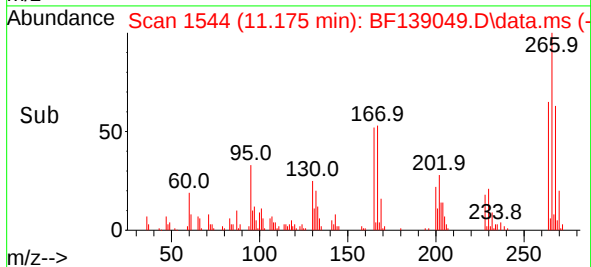
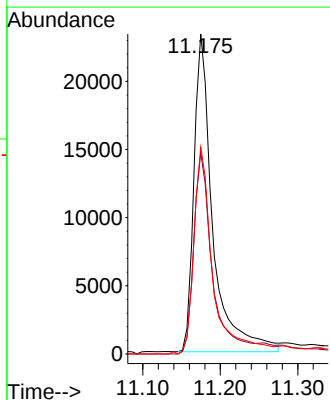
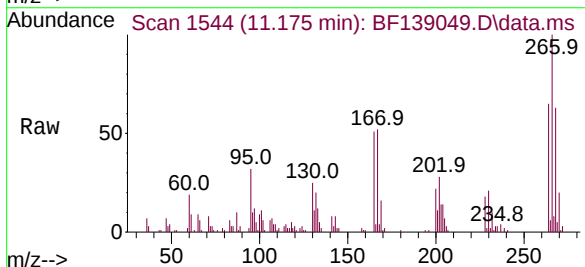
Tgt Ion:266 Resp: 39544

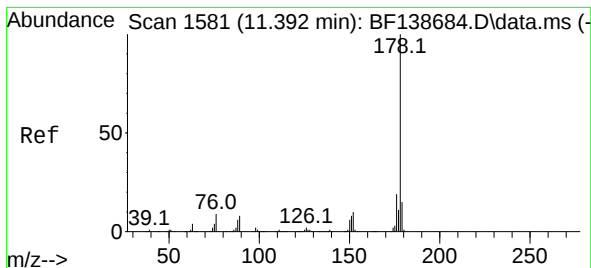
Ion Ratio Lower Upper

266 100

268 62.9 49.2 73.8

264 64.6 49.8 74.6





#71

Phenanthrene

Concen: 39.975 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

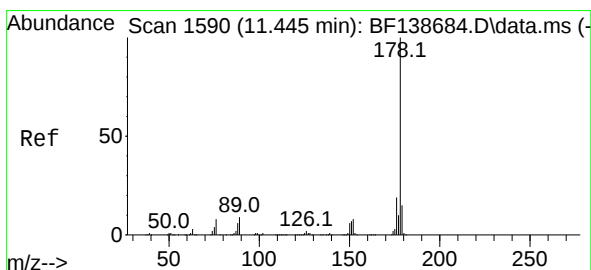
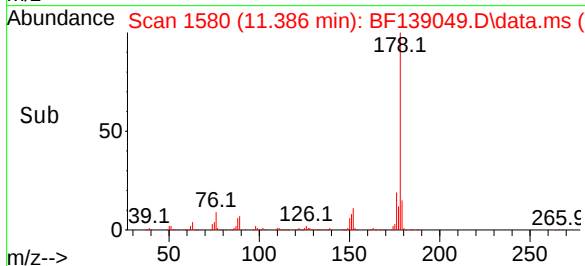
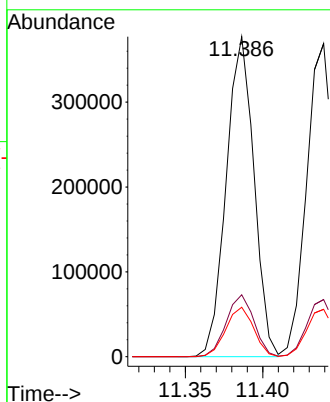
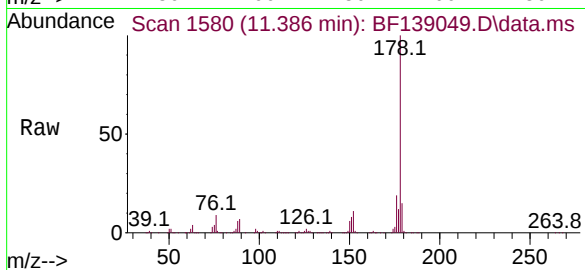
Tgt Ion:178 Resp: 468646

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.5 12.2 18.2



#72

Anthracene

Concen: 40.188 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

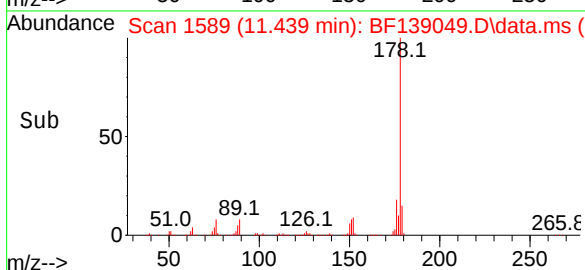
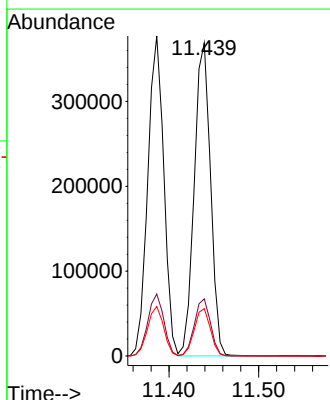
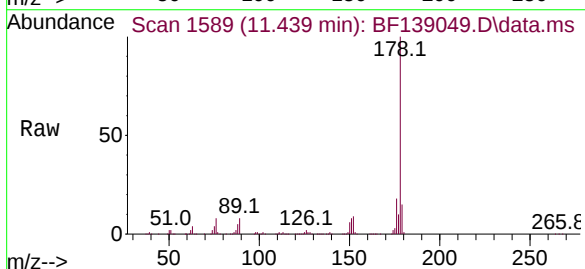
Tgt Ion:178 Resp: 464138

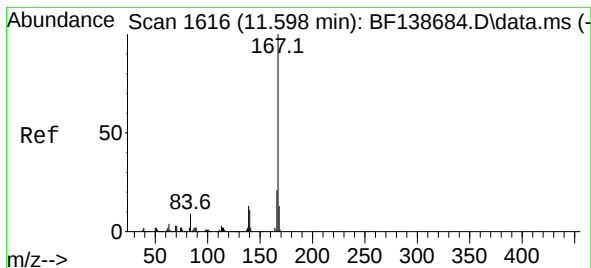
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.1 12.4 18.6





#73

Carbazole

Concen: 39.741 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

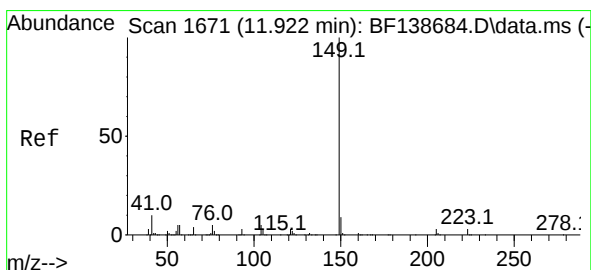
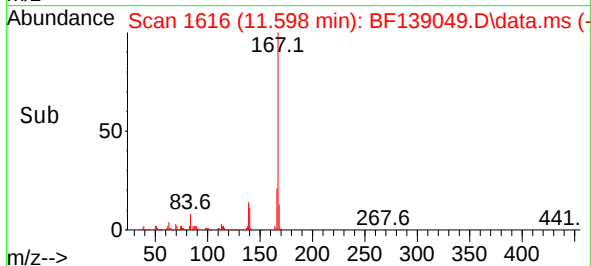
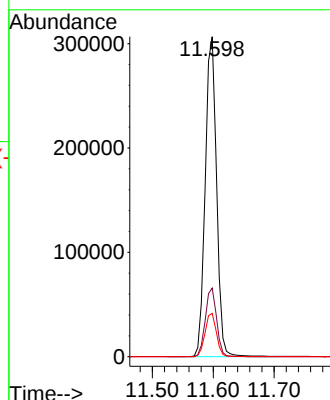
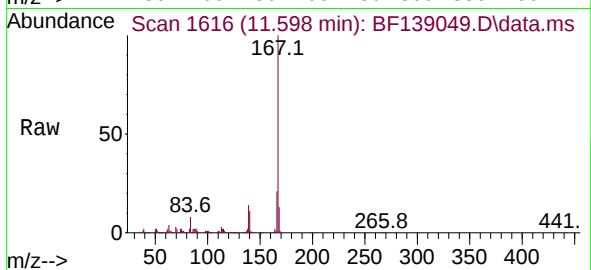
Tgt Ion:167 Resp: 395975

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 45.187 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

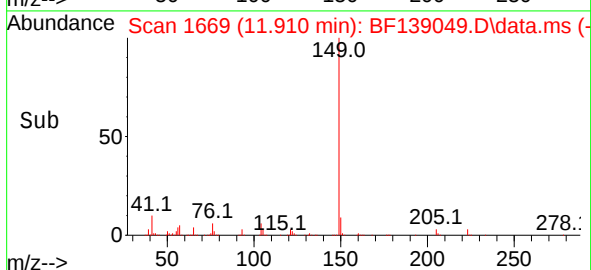
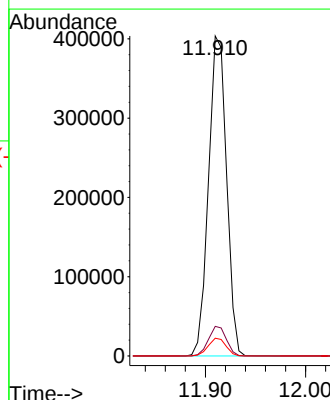
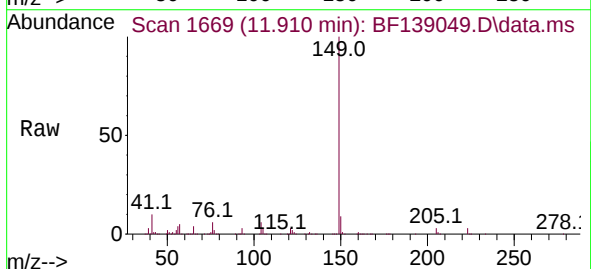
Tgt Ion:149 Resp: 506144

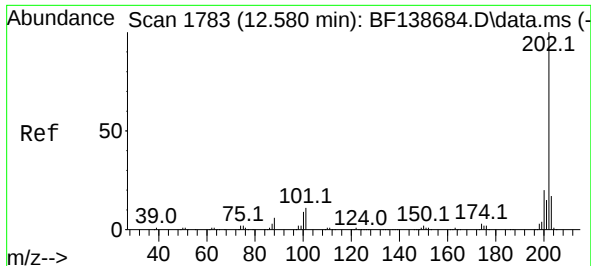
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.6 4.1 6.1

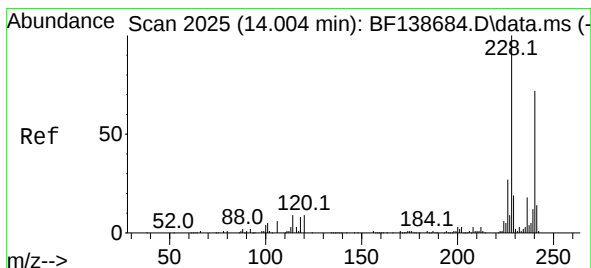
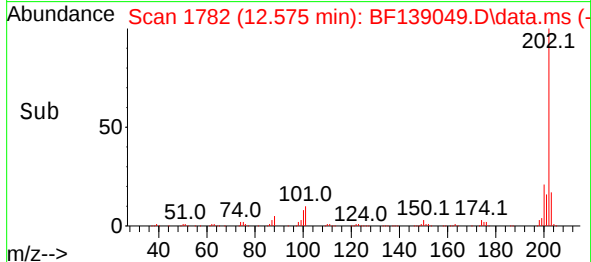
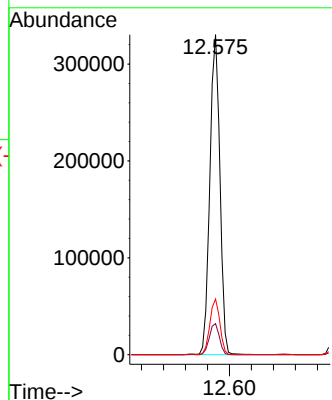
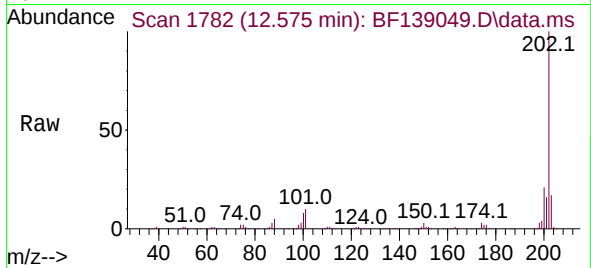




#75
Fluoranthene
Concen: 38.161 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

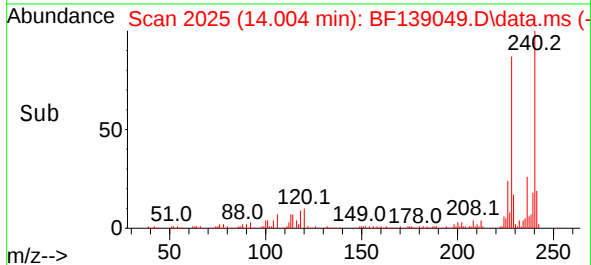
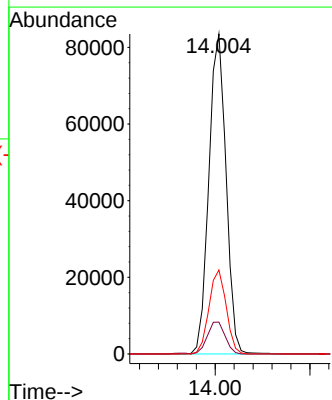
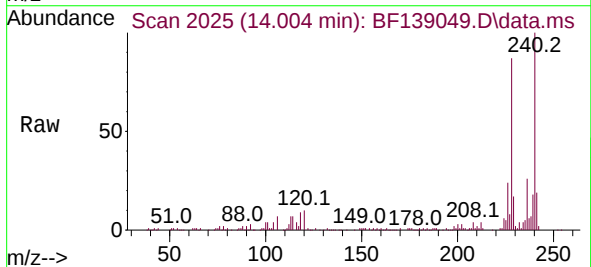
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

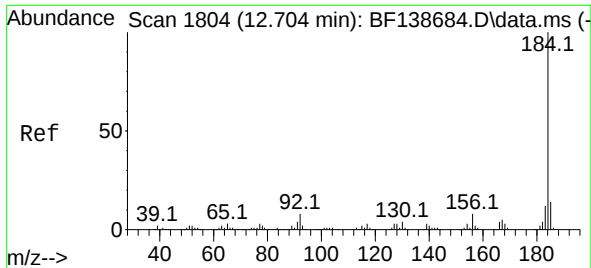
Tgt Ion:202 Resp: 417649
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.2
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion:240 Resp: 105031
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 26.2 19.8 29.8

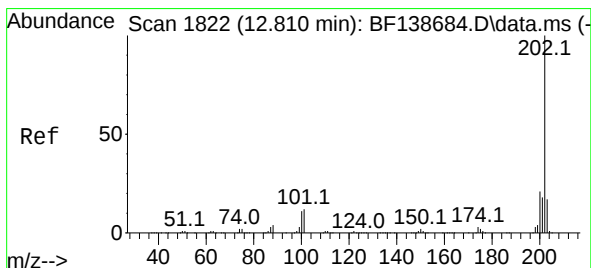
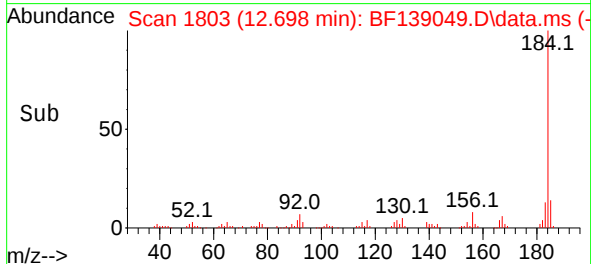
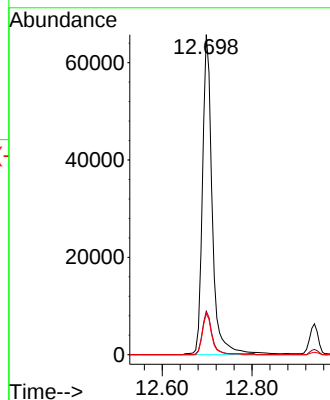
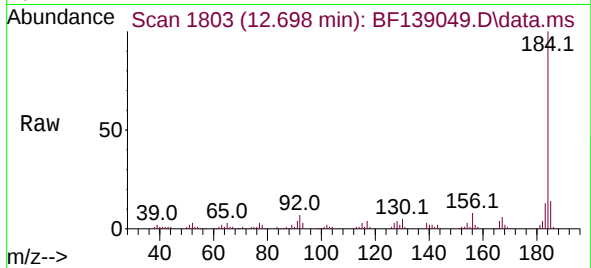




#77
Benzidine
Concen: 39.625 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

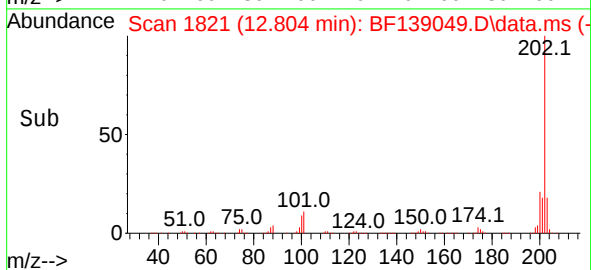
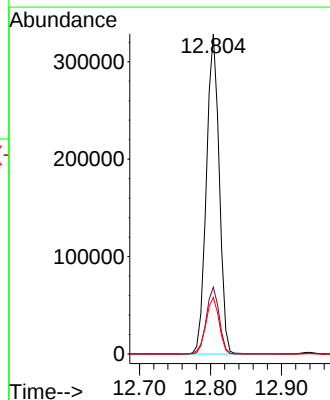
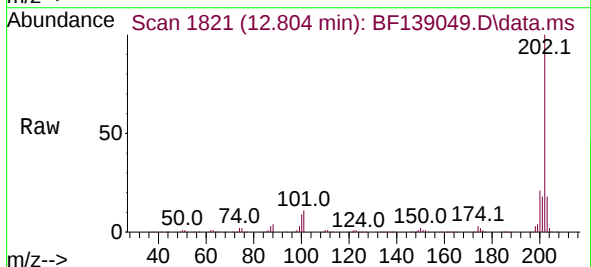
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

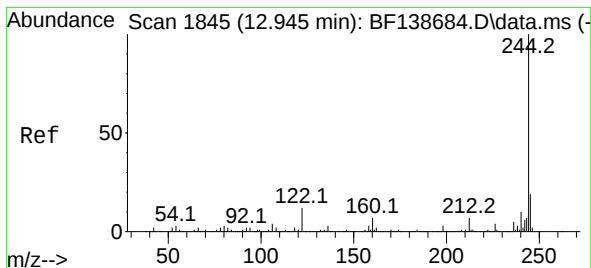
Tgt Ion:184	Resp:	99545
Ion Ratio	Lower	Upper
184	100	
185	13.6	11.1 16.7
183	12.8	9.6 14.4



#78
Pyrene
Concen: 41.683 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139049.D
Acq: 16 Aug 2024 10:14

Tgt Ion:202	Resp:	412208
Ion Ratio	Lower	Upper
202	100	
200	20.8	16.8 25.2
203	17.6	13.8 20.6





#79

Terphenyl-d14

Concen: 85.104 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

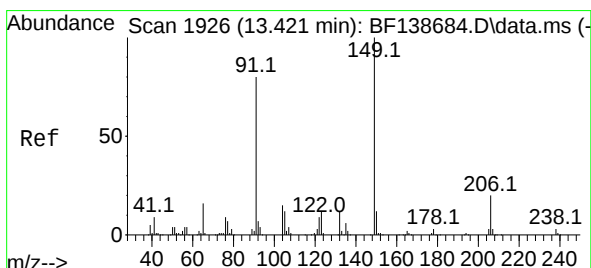
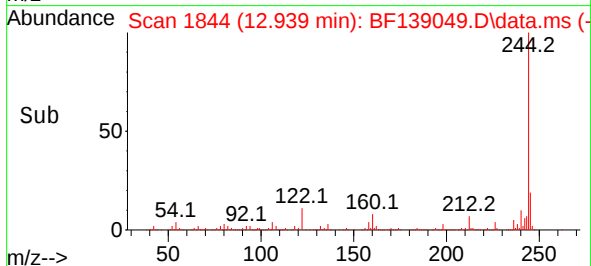
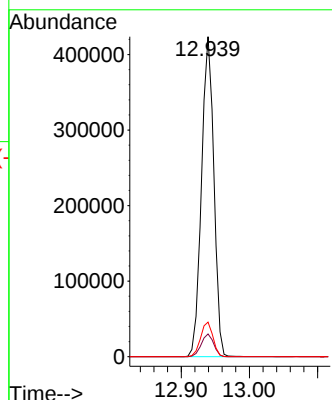
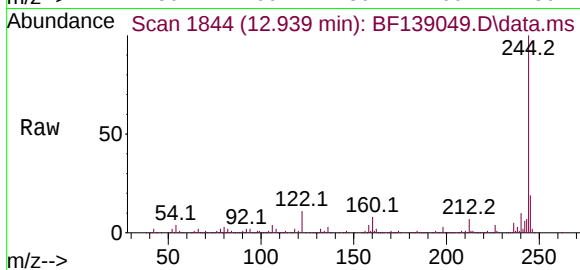
Tgt Ion:244 Resp: 533878

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.8 9.6 14.4



#80

Butylbenzylphthalate

Concen: 43.783 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

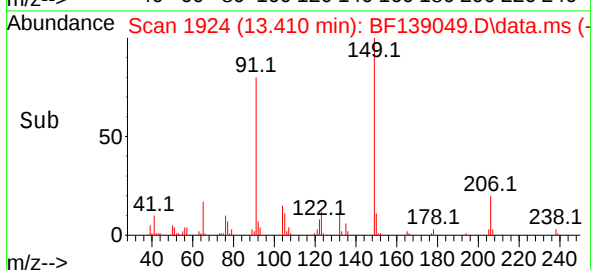
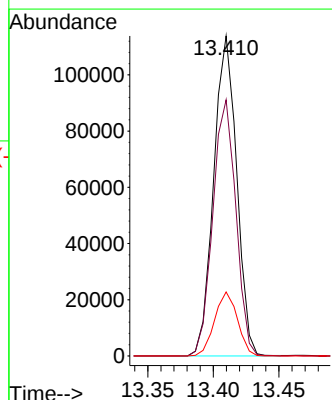
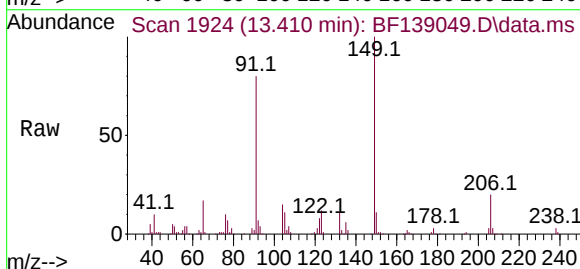
Tgt Ion:149 Resp: 138648

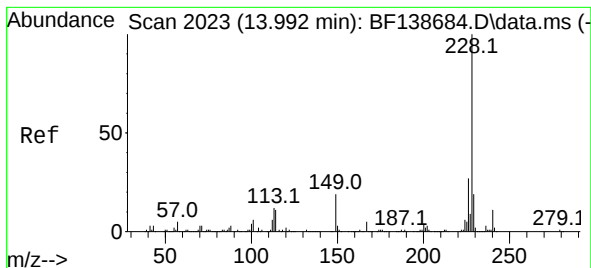
Ion Ratio Lower Upper

149 100

91 80.1 63.7 95.5

206 20.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 39.071 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

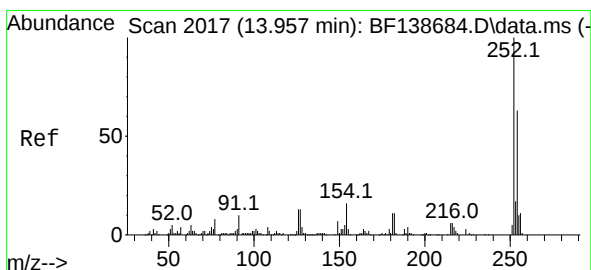
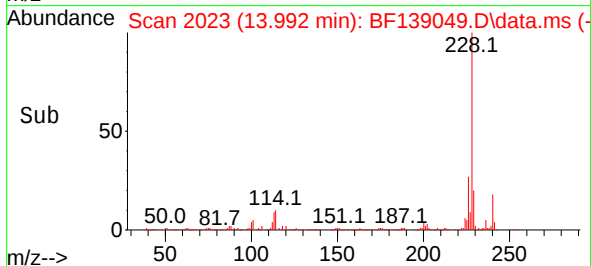
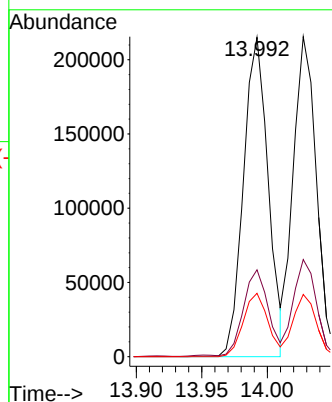
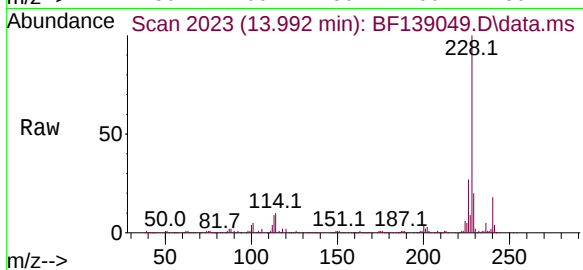
Tgt Ion:228 Resp: 282588

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.9 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 42.071 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

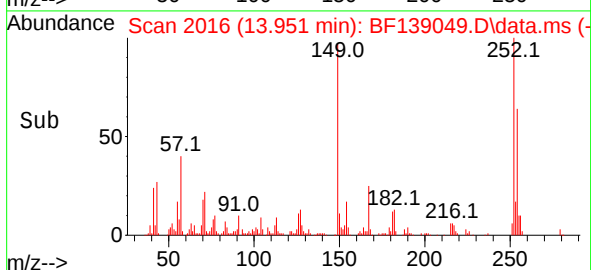
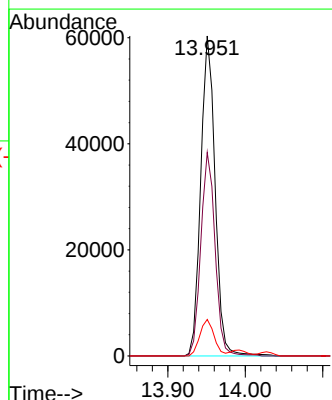
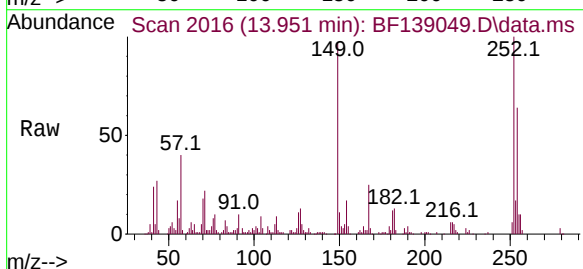
Tgt Ion:252 Resp: 77868

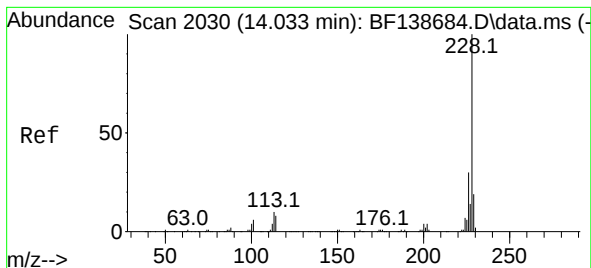
Ion Ratio Lower Upper

252 100

254 63.6 50.8 76.2

126 11.4 10.2 15.2





#83

Chrysene

Concen: 40.614 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

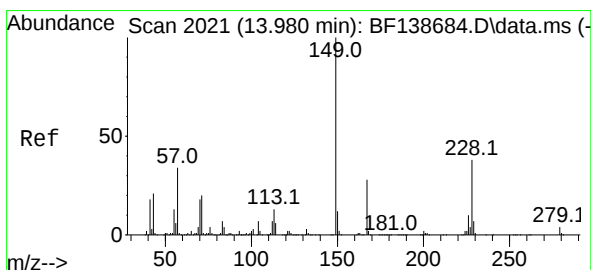
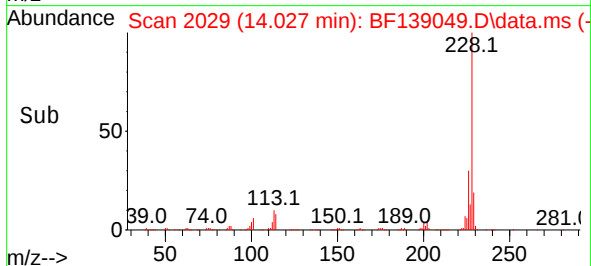
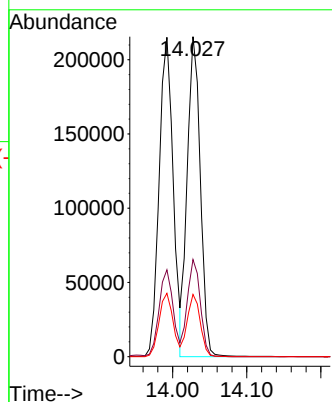
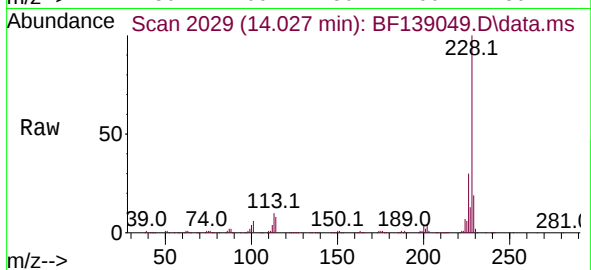
Tgt Ion:228 Resp: 265018

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

229 19.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.484 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

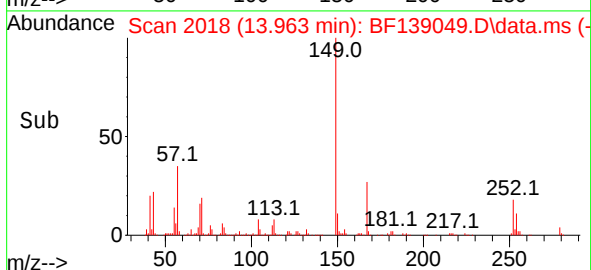
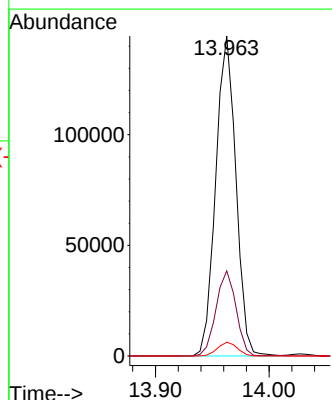
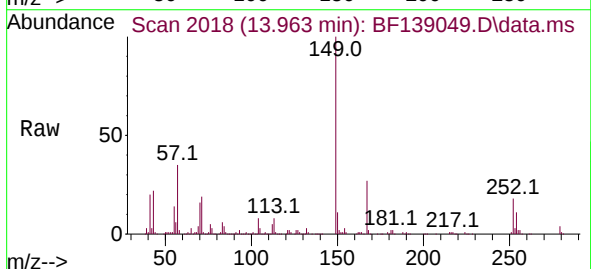
Tgt Ion:149 Resp: 178456

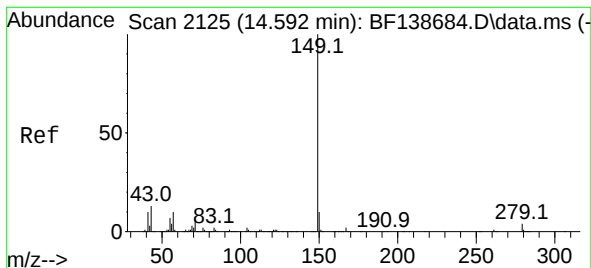
Ion Ratio Lower Upper

149 100

167 26.6 22.2 33.4

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 36.513 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

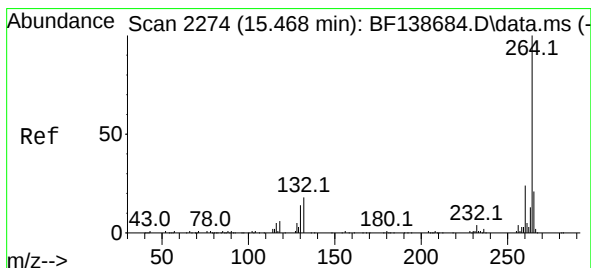
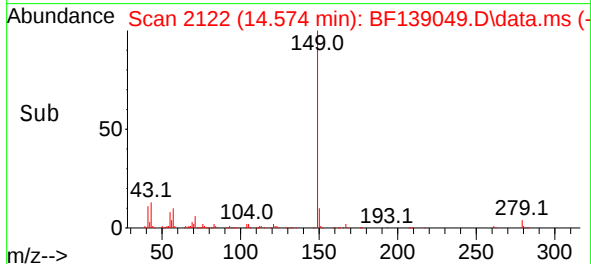
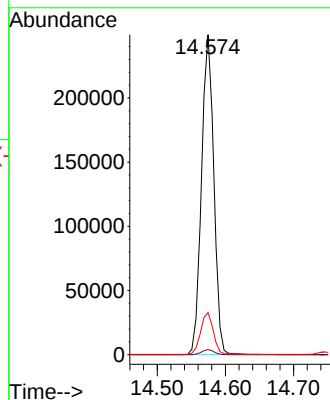
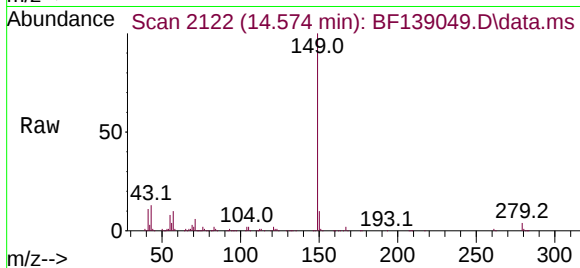
Tgt Ion:149 Resp: 313261

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 13.5 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: BF139049.D

Acq: 16 Aug 2024 10:14

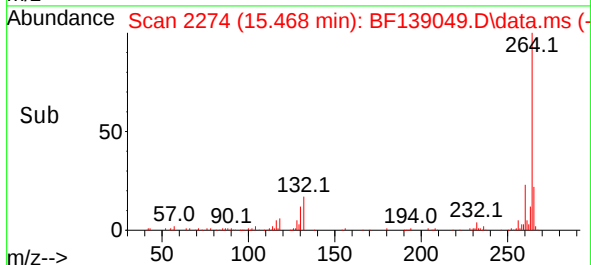
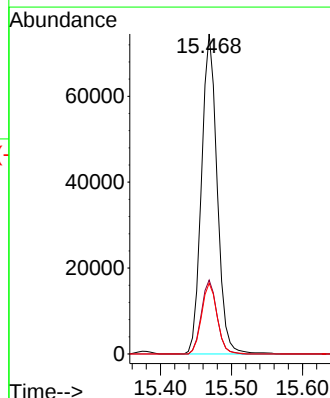
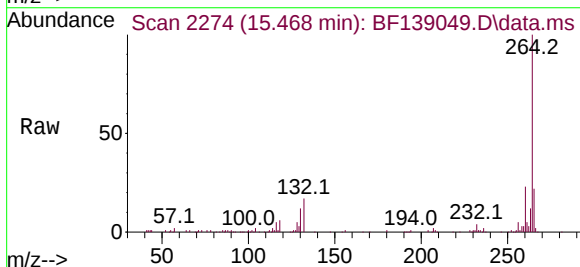
Tgt Ion:264 Resp: 114377

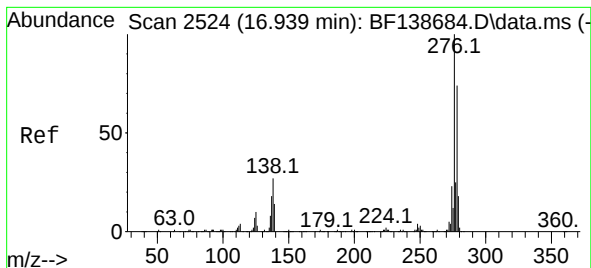
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.967 ng

RT: 16.951 min Scan# 2526

Delta R.T. 0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

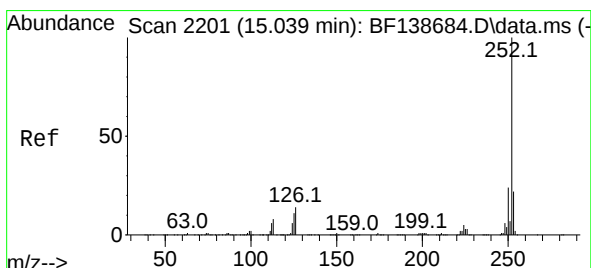
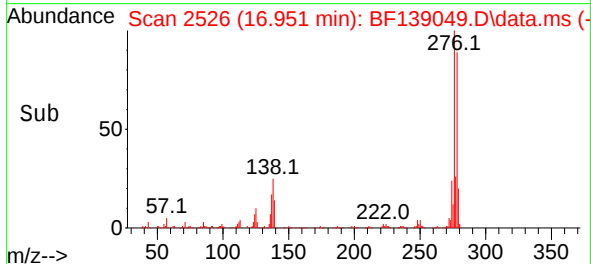
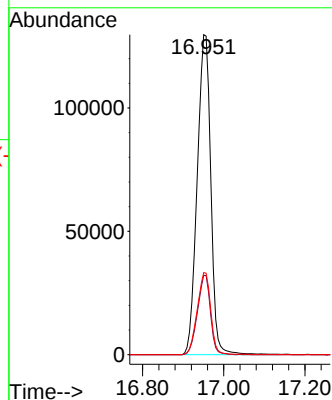
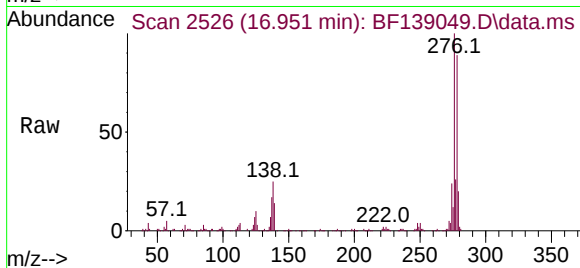
Tgt Ion:276 Resp: 303005

Ion Ratio Lower Upper

276 100

138 23.5 21.8 32.8

277 25.3 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 40.776 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

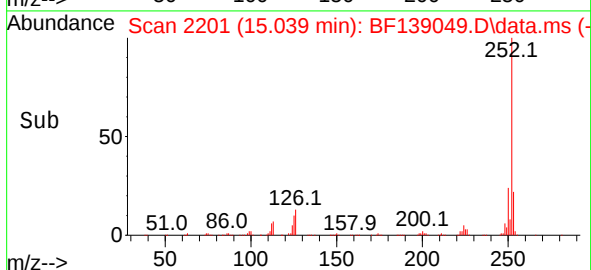
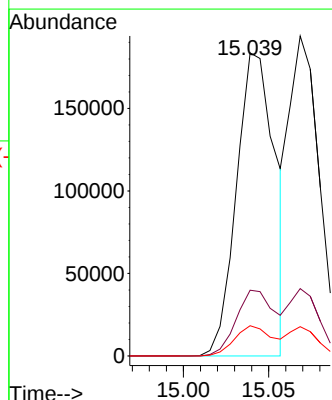
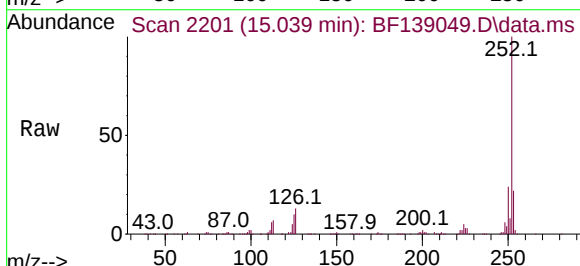
Tgt Ion:252 Resp: 289113

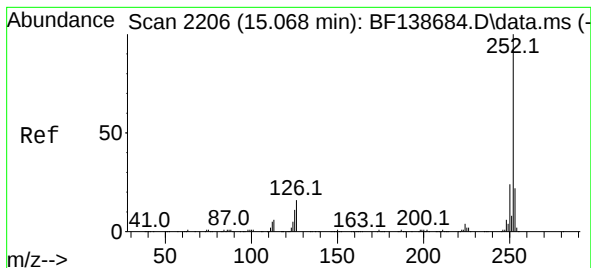
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 39.065 ng

RT: 15.069 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

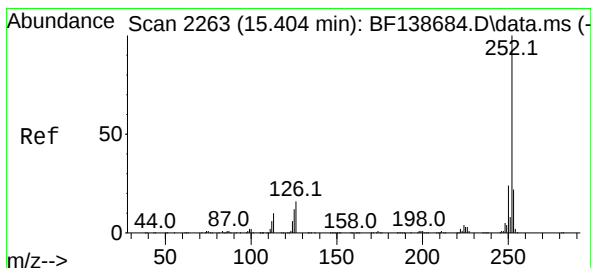
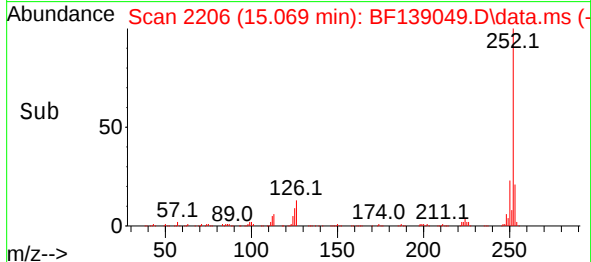
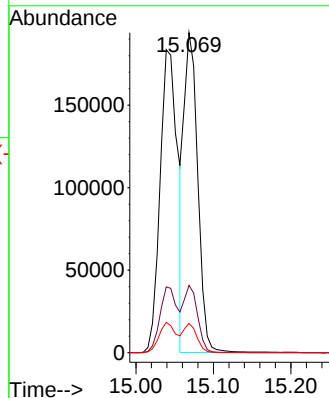
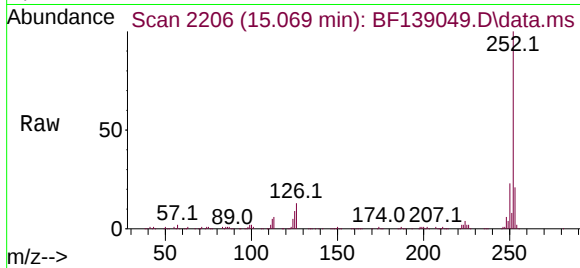
Tgt Ion:252 Resp: 239814

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.0

125 9.2 8.6 13.0



#90

Benzo(a)pyrene

Concen: 40.324 ng

RT: 15.410 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

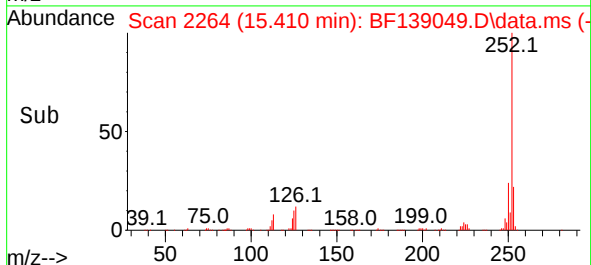
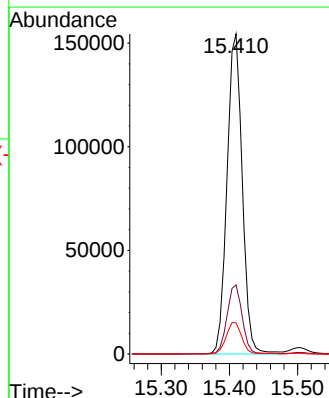
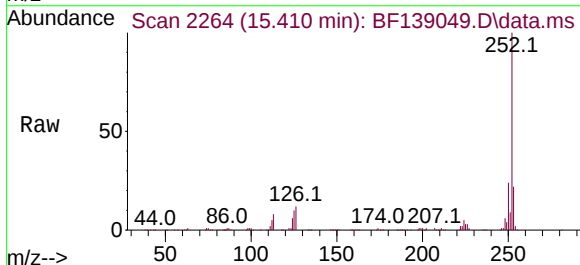
Tgt Ion:252 Resp: 240490

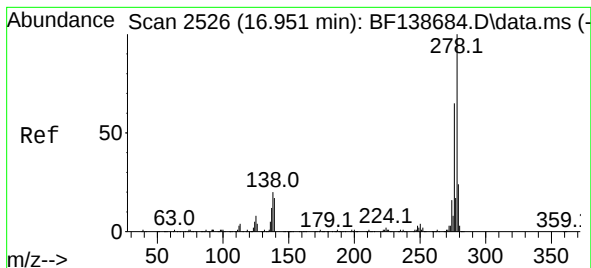
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.8 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 37.033 ng

RT: 16.957 min Scan# 2491

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

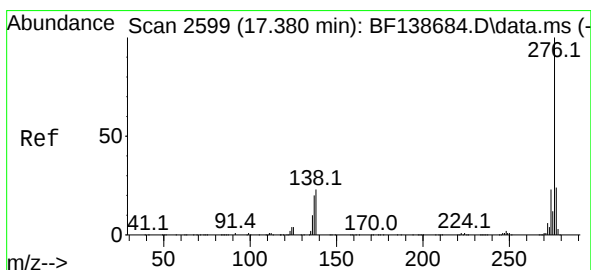
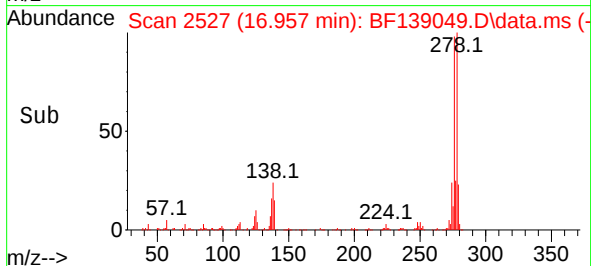
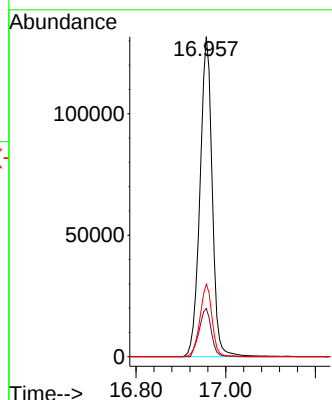
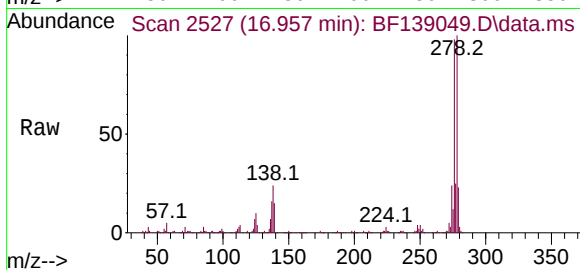
Tgt Ion:278 Resp: 249171

Ion Ratio Lower Upper

278 100

139 15.1 14.0 21.0

279 22.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 35.751 ng

RT: 17.398 min Scan# 2602

Delta R.T. 0.018 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Tgt Ion:276 Resp: 249615

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.4

138 19.2 18.5 27.7

