

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138066.D
 Acq On : 30 May 2024 10:33
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 30 10:54:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	88151	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	335973	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	191194	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	320046	20.000	ng	0.00
76) Chrysene-d12	14.233	240	181689	20.000	ng	0.00
86) Perylene-d12	15.804	264	189394	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	401164	77.303	ng	0.00
7) Phenol-d6	6.657	99	490321	76.701	ng	0.00
23) Nitrobenzene-d5	7.604	82	453548	79.445	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	179381	93.049	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1032158	83.158	ng	0.00
79) Terphenyl-d14	13.168	244	1038101	84.207	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.928	88	80722	35.906	ng	96
3) Pyridine	3.704	79	188512	37.371	ng	98
4) n-Nitrosodimethylamine	3.669	42	78069	35.082	ng	91
6) Aniline	6.704	93	239129	41.822	ng	98
8) 2-Chlorophenol	6.822	128	220274	39.222	ng	99
9) Benzaldehyde	6.592	77	139993	40.477	ng	99
10) Phenol	6.669	94	243161	37.685	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	188812	38.111	ng	97
12) 1,3-Dichlorobenzene	6.981	146	259052	39.868	ng	98
13) 1,4-Dichlorobenzene	7.057	146	261292	40.062	ng	98
14) 1,2-Dichlorobenzene	7.210	146	243361	39.645	ng	99
15) Benzyl Alcohol	7.175	79	179391	42.025	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.304	45	207576	34.085	ng	94
17) 2-Methylphenol	7.281	107	174493	38.960	ng	97
18) Hexachloroethane	7.551	117	90402	40.960	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	140011	38.984	ng	98
20) 3+4-Methylphenols	7.434	107	229742	39.155	ng	94
22) Acetophenone	7.445	105	303489	40.323	ng	99
24) Nitrobenzene	7.622	77	226278	39.071	ng	98
25) Isophorone	7.857	82	388688	39.229	ng	96
26) 2-Nitrophenol	7.934	139	125311	43.061	ng	98
27) 2,4-Dimethylphenol	7.963	122	148926	39.750	ng	98
28) bis(2-Chloroethoxy)met...	8.063	93	235047	39.141	ng	99
29) 2,4-Dichlorophenol	8.175	162	193465	41.063	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	218802	41.595	ng	98
31) Naphthalene	8.345	128	680015	40.255	ng	100
32) Benzoic acid	8.075	122	96976	30.620	ng	97
33) 4-Chloroaniline	8.386	127	235194	42.471	ng	98
34) Hexachlorobutadiene	8.451	225	143829	43.197	ng	99
35) Caprolactam	8.769	113	54170	39.686	ng	92
36) 4-Chloro-3-methylphenol	8.863	107	201930	42.133	ng	97
37) 2-Methylnaphthalene	9.039	142	448237	41.279	ng	99
38) 1-Methylnaphthalene	9.139	142	440695	41.282	ng	98
40) 1,2,4,5-Tetrachloroben...	9.204	216	218646	42.065	ng	99
41) Hexachlorocyclopentadiene	9.186	237	74046	37.491	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	141078	41.395	ng	98

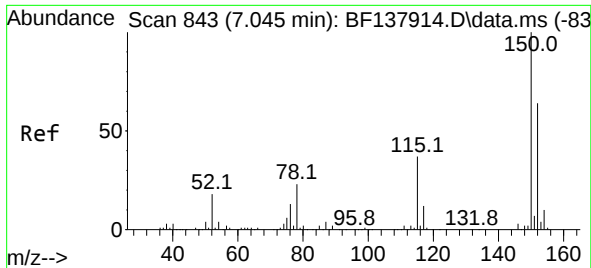
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	156417	41.946	ng	# 96
46) 1,1'-Biphenyl	9.504	154	552361	41.190	ng	98
47) 2-Chloronaphthalene	9.533	162	432111	40.366	ng	99
48) 2-Nitroaniline	9.622	65	109033	39.775	ng	99
49) Acenaphthylene	9.951	152	627609	40.775	ng	100
50) Dimethylphthalate	9.798	163	497567	41.501	ng	100
51) 2,6-Dinitrotoluene	9.863	165	117800	42.810	ng	99
52) Acenaphthene	10.122	154	420832	41.366	ng	99
53) 3-Nitroaniline	10.039	138	110249	40.983	ng	90
54) 2,4-Dinitrophenol	10.139	184	52878	39.439	ng	90
55) Dibenzofuran	10.292	168	599769	40.509	ng	100
56) 4-Nitrophenol	10.186	139	73308	37.942	ng	94
57) 2,4-Dinitrotoluene	10.269	165	153475	43.143	ng	# 91
58) Fluorene	10.639	166	478159	40.831	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.404	232	122544	41.832	ng	97
60) Diethylphthalate	10.498	149	482244	43.068	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	245750	42.553	ng	97
62) 4-Nitroaniline	10.657	138	104921	41.121	ng	94
63) Azobenzene	10.786	77	394299	38.714	ng	98
65) 4,6-Dinitro-2-methylph...	10.680	198	84884	45.934	ng	96
66) n-Nitrosodiphenylamine	10.745	169	403145	41.075	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	152604	43.494	ng	99
68) Hexachlorobenzene	11.186	284	170869	44.057	ng	98
69) Atrazine	11.263	200	101507	37.874	ng	99
70) Pentachlorophenol	11.380	266	95462	42.020	ng	98
71) Phenanthrene	11.610	178	633507	40.168	ng	99
72) Anthracene	11.657	178	639148	40.845	ng	99
73) Carbazole	11.810	167	571021	39.947	ng	99
74) Di-n-butylphthalate	12.127	149	679817	42.853	ng	100
75) Fluoranthene	12.804	202	636791	39.778	ng	98
77) Benzidine	12.916	184	153741	64.747	ng	99
78) Pyrene	13.033	202	639543	40.245	ng	99
80) Butylbenzylphthalate	13.633	149	208682	43.537	ng	97
81) Benzo(a)anthracene	14.221	228	466181	40.556	ng	100
82) 3,3'-Dichlorobenzidine	14.180	252	157647	49.488	ng	98
83) Chrysene	14.262	228	444646	40.447	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	259702	43.101	ng	98
85) Di-n-octyl phthalate	14.815	149	435264	53.472	ng	99
87) Indeno(1,2,3-cd)pyrene	17.445	276	488272	40.127	ng	97
88) Benzo(b)fluoranthene	15.327	252	439820	40.108	ng	99
89) Benzo(k)fluoranthene	15.362	252	419553	38.945	ng	99
90) Benzo(a)pyrene	15.733	252	387089	41.338	ng	99
91) Dibenzo(a,h)anthracene	17.456	278	397238	39.513	ng	98
92) Benzo(g,h,i)perylene	17.939	276	409728	38.796	ng	97

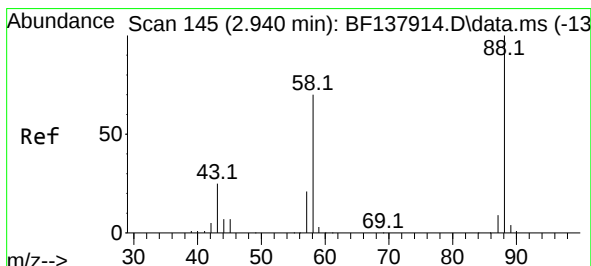
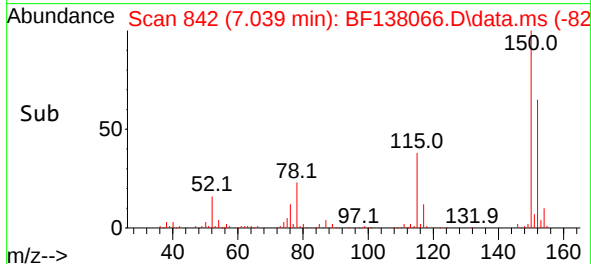
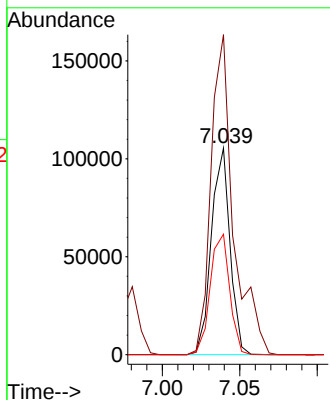
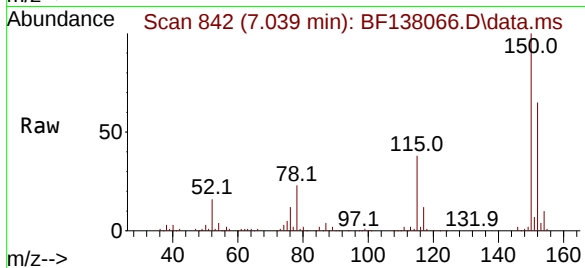
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF138066.D
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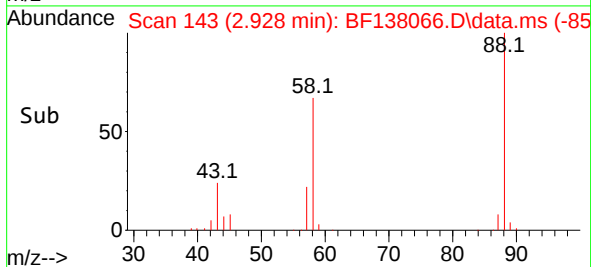
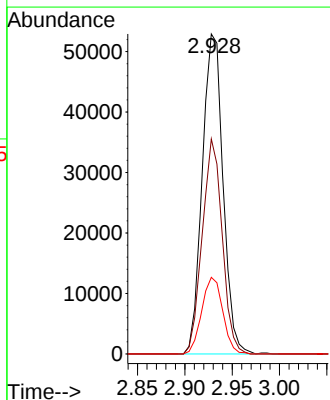
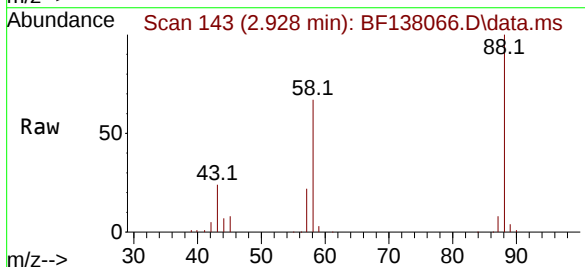
Instrument :
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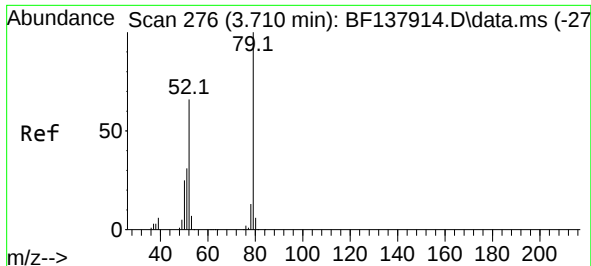
Tgt Ion:152 Resp: 88151
Ion Ratio Lower Upper
152 100
150 154.9 125.7 188.5
115 58.3 47.0 70.6



#2
1,4-Dioxane
Concen: 35.906 ng
RT: 2.928 min Scan# 143
Delta R.T. -0.012 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion: 88 Resp: 80722
Ion Ratio Lower Upper
88 100
58 64.3 54.4 81.6
43 24.1 19.6 29.4

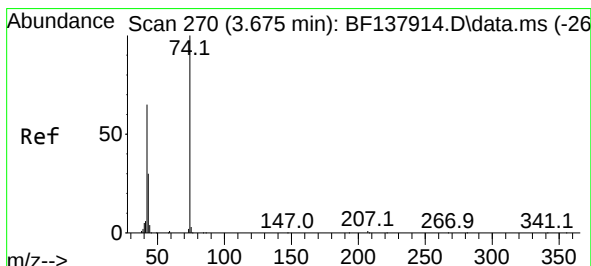
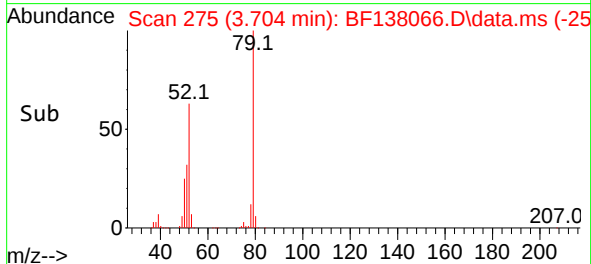
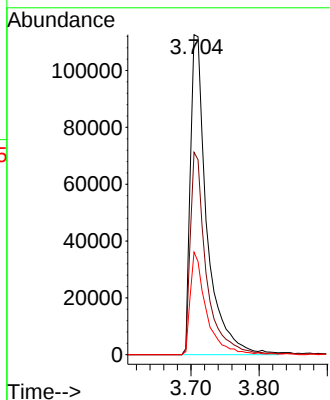
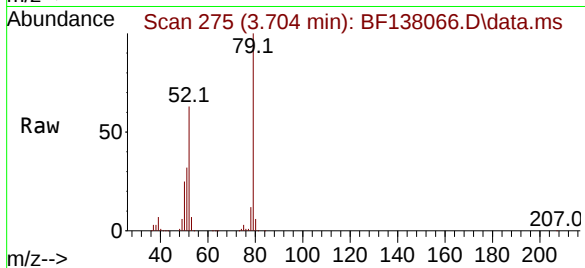




#3
Pyridine
Concen: 37.371 ng
RT: 3.704 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

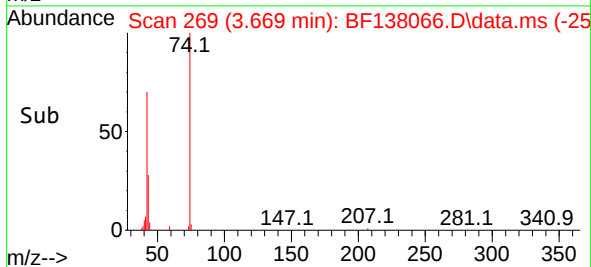
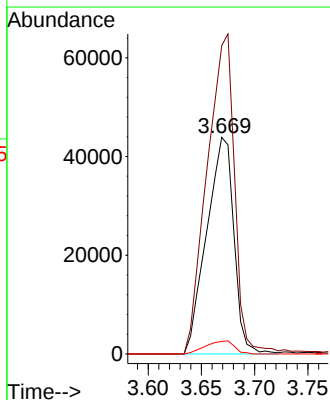
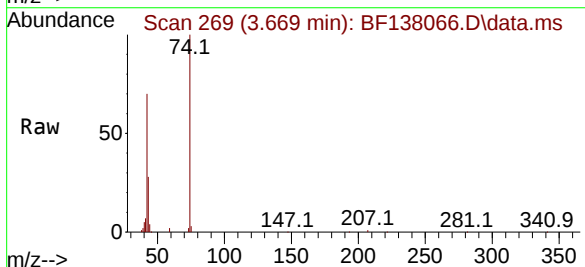
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ClientSampleId :
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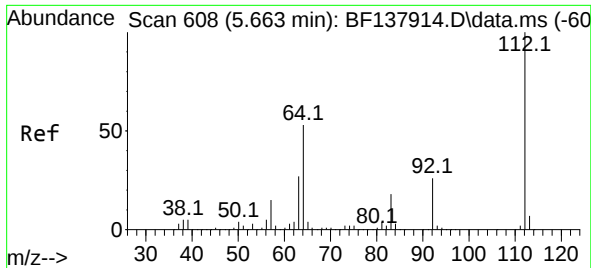
Tgt Ion: 79 Resp: 188512
Ion Ratio Lower Upper
79 100
52 63.3 52.5 78.7
51 32.1 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 35.082 ng
RT: 3.669 min Scan# 269
Delta R.T. -0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion: 42 Resp: 78069
Ion Ratio Lower Upper
42 100
74 142.4 123.1 184.7
44 5.8 5.0 7.6

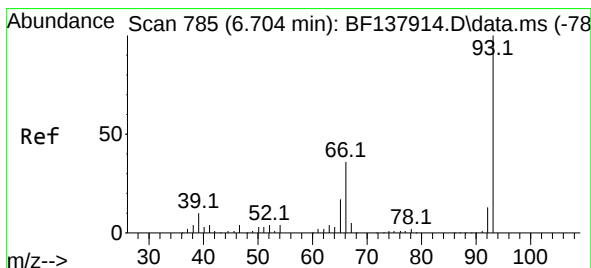
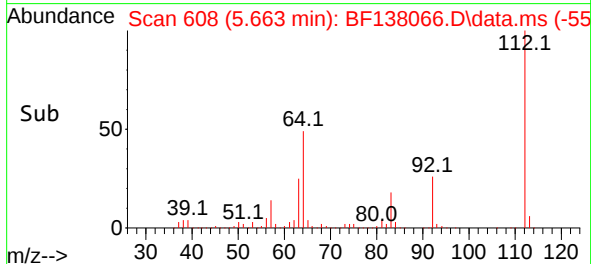
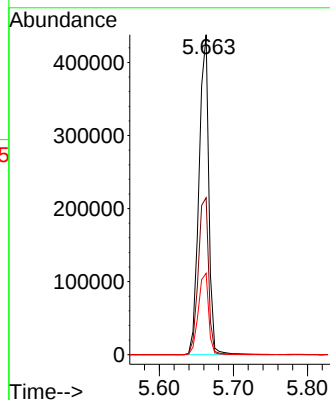
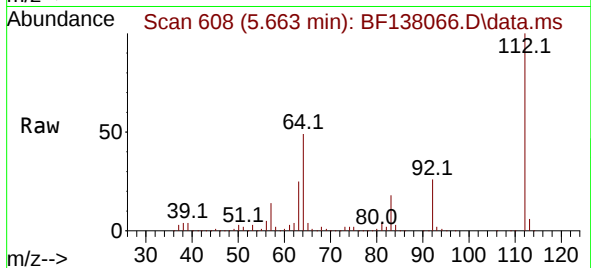




#5
2-Fluorophenol
Concen: 77.303 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

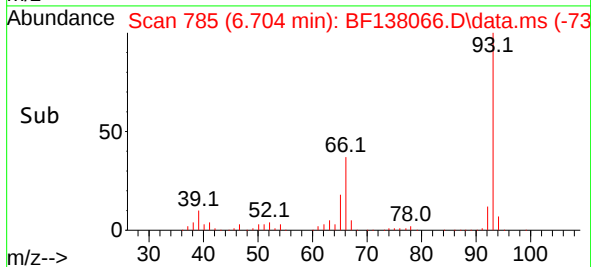
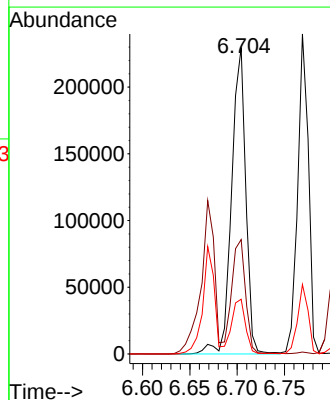
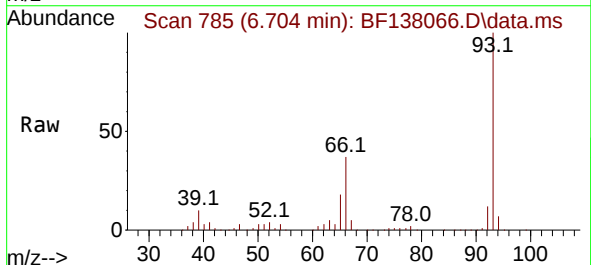
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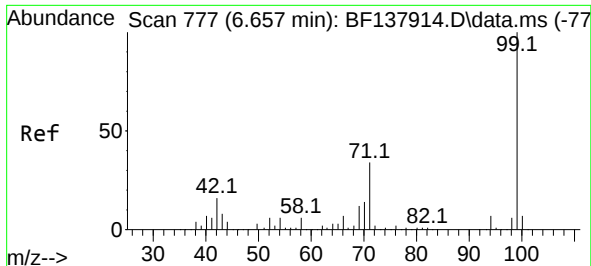
Tgt Ion:112 Resp: 401164
Ion Ratio Lower Upper
112 100
64 49.0 42.4 63.6
63 25.5 21.4 32.2



#6
Aniline
Concen: 41.822 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion: 93 Resp: 239129
Ion Ratio Lower Upper
93 100
66 37.4 30.7 46.1
65 17.9 15.0 22.4

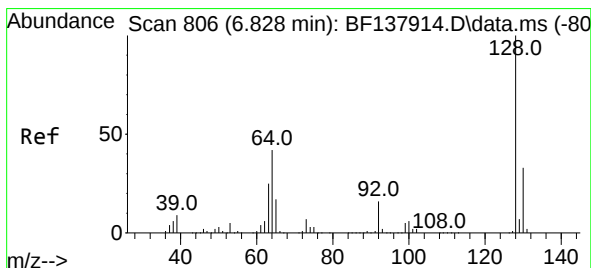
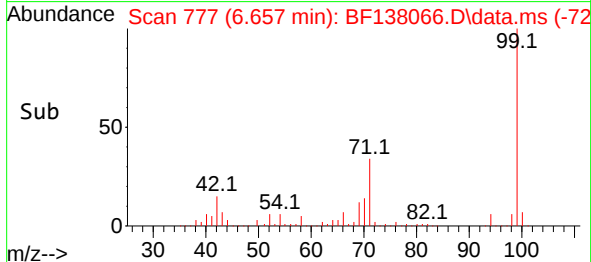
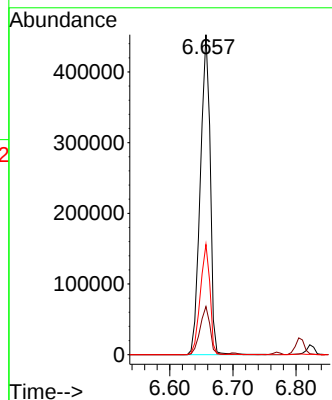
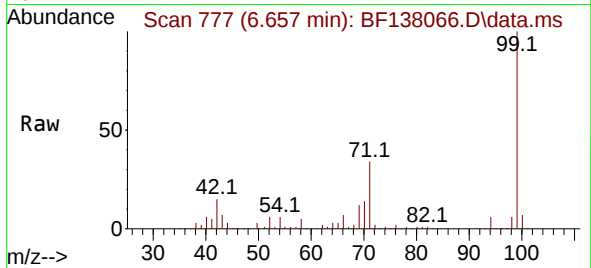




#7
Phenol-d6
Concen: 76.701 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

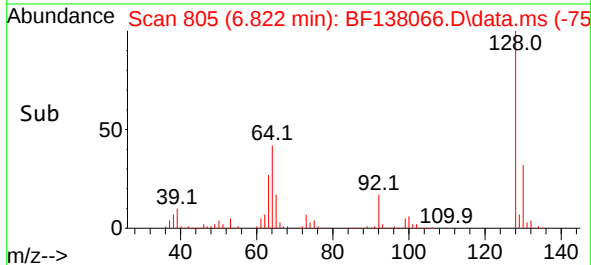
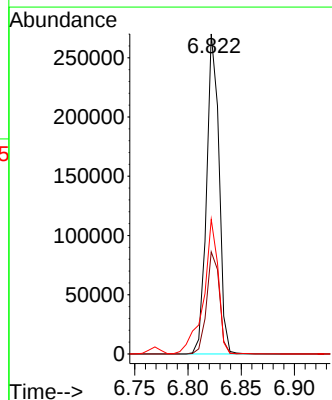
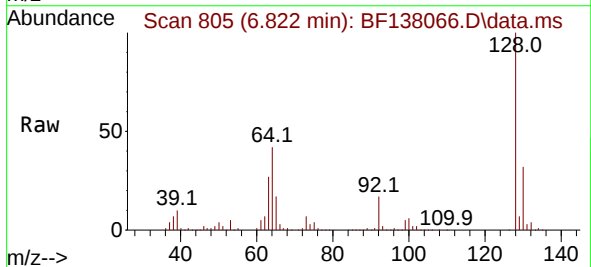
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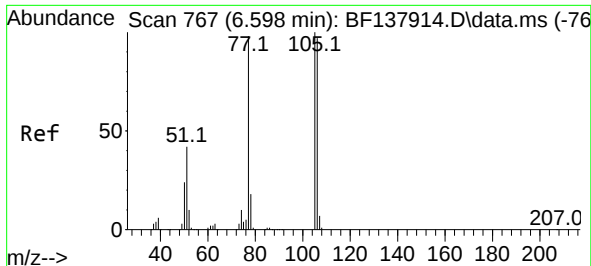
Tgt Ion: 99 Resp: 490321
Ion Ratio Lower Upper
99 100
42 15.1 12.6 18.8
71 34.5 27.1 40.7



#8
2-Chlorophenol
Concen: 39.222 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:128 Resp: 220274
Ion Ratio Lower Upper
128 100
130 31.9 12.8 52.8
64 42.0 22.2 62.2

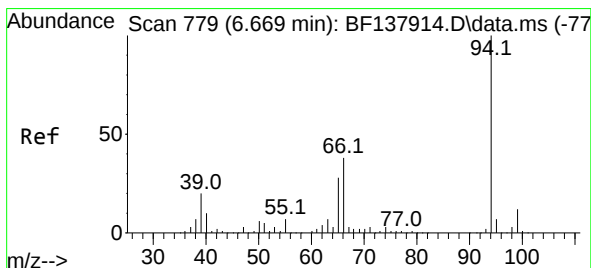
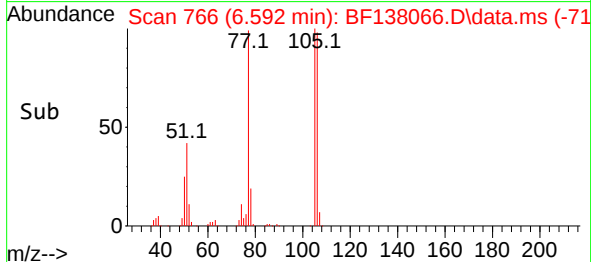
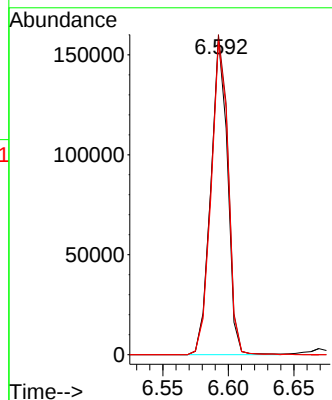
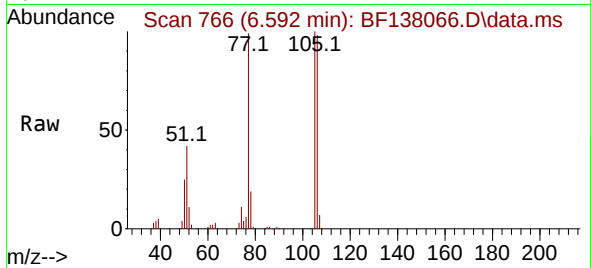




#9
Benzaldehyde
Concen: 40.477 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

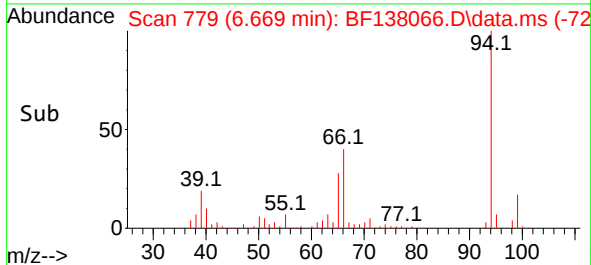
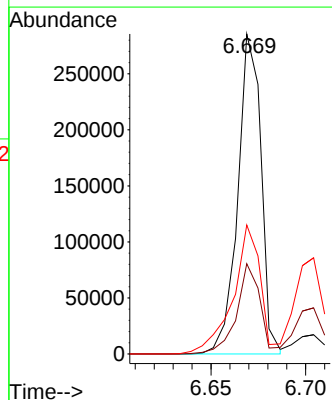
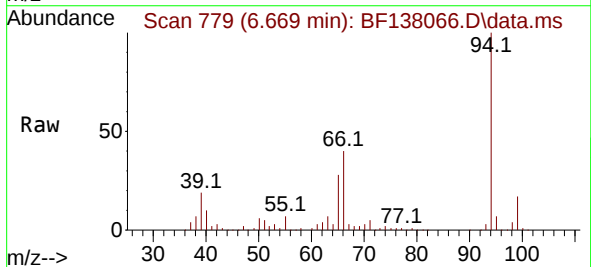
Instrument :
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ClientSampleId :
SSTDCCC040

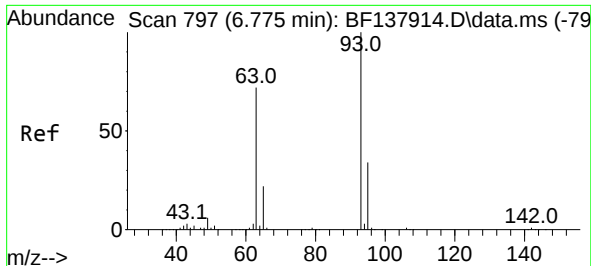
Tgt Ion: 77 Resp: 139993
Ion Ratio Lower Upper
77 100
105 101.2 82.3 122.3
106 99.0 79.2 119.2



#10
Phenol
Concen: 37.685 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion: 94 Resp: 243161
Ion Ratio Lower Upper
94 100
65 28.2 7.8 47.8
66 40.3 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 38.111 ng

RT: 6.769 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

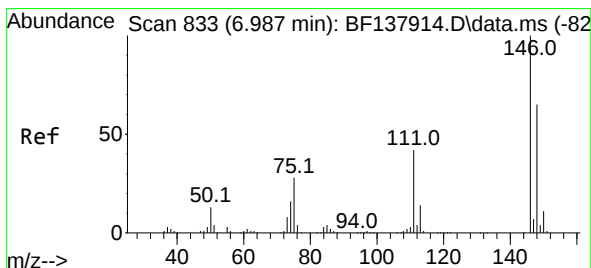
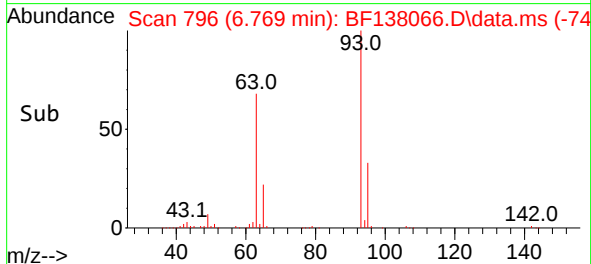
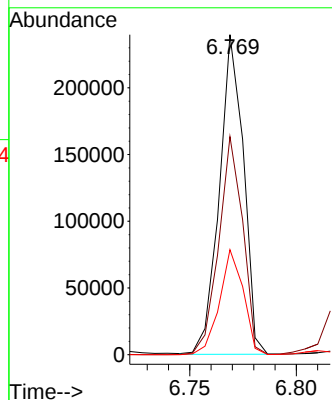
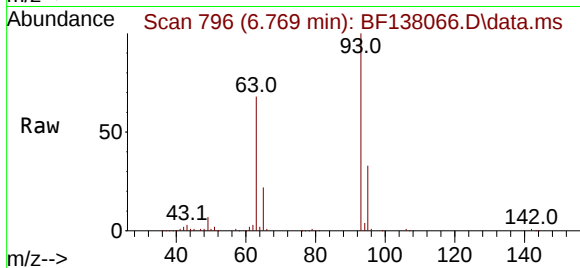
Tgt Ion: 93 Resp: 188812

Ion Ratio Lower Upper

93 100

63 68.2 51.4 91.4

95 32.8 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.868 ng

RT: 6.981 min Scan# 832

Delta R.T. -0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

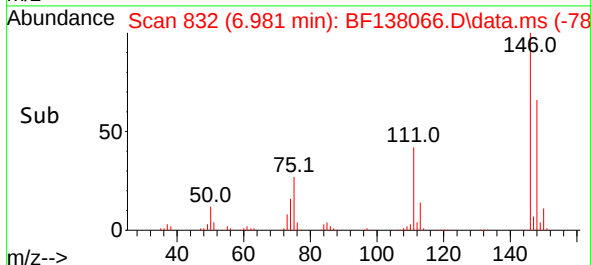
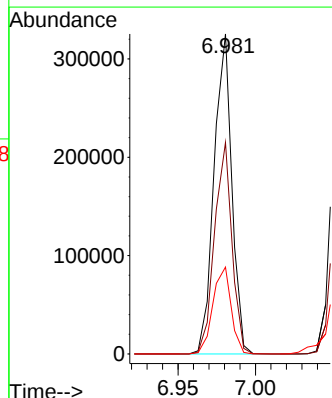
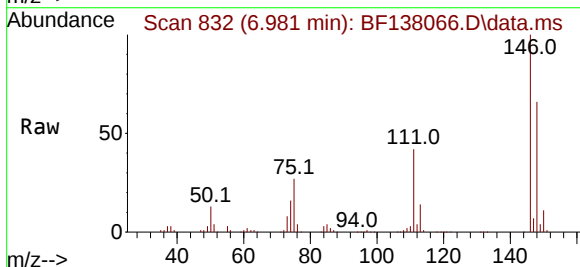
Tgt Ion:146 Resp: 259052

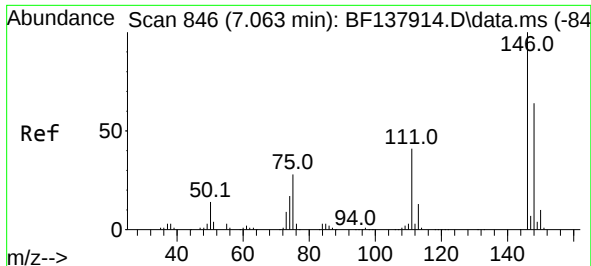
Ion Ratio Lower Upper

146 100

148 66.1 51.7 77.5

75 27.2 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 40.062 ng

RT: 7.057 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

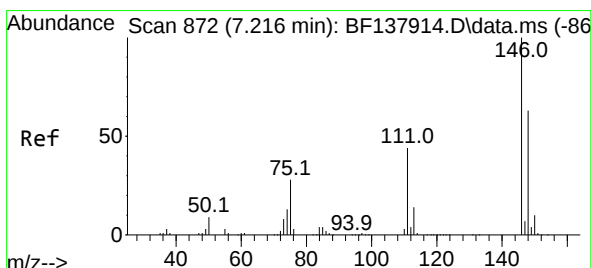
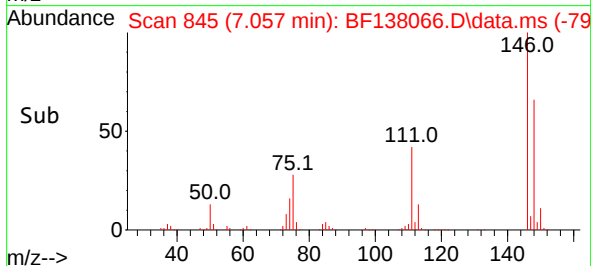
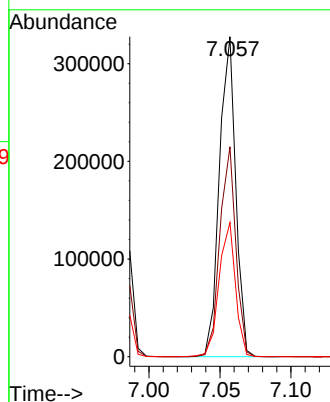
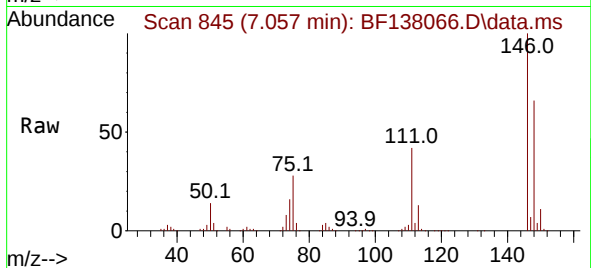
Tgt Ion:146 Resp: 261292

Ion Ratio Lower Upper

146 100

148 65.6 51.0 76.6

111 41.9 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 39.645 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

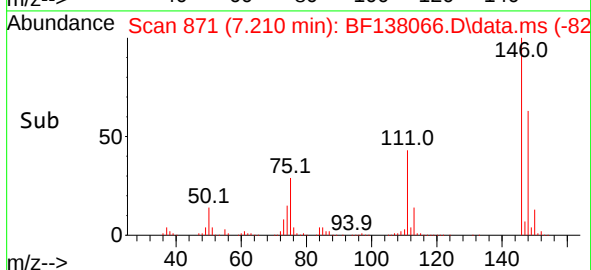
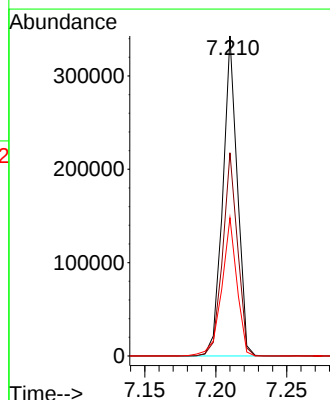
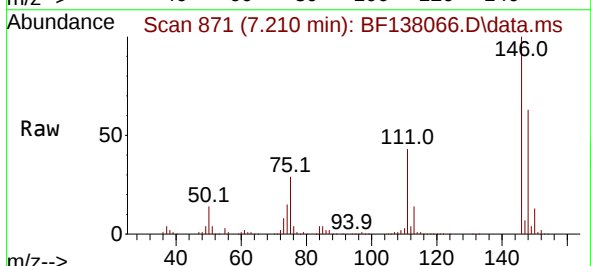
Tgt Ion:146 Resp: 243361

Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.4

111 43.2 35.1 52.7





#15

Benzyl Alcohol

Concen: 42.025 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

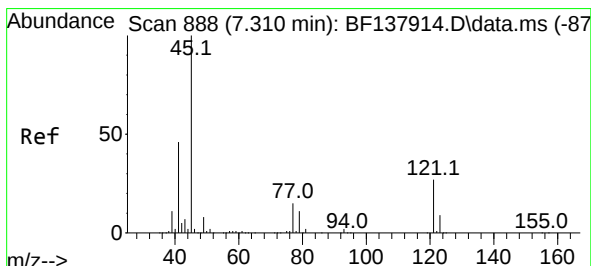
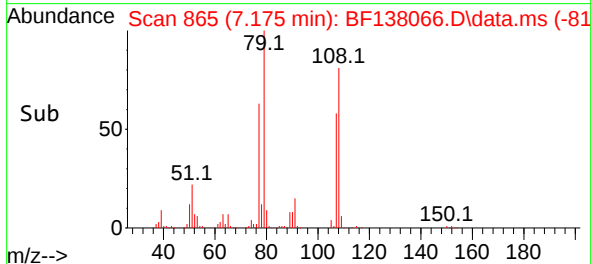
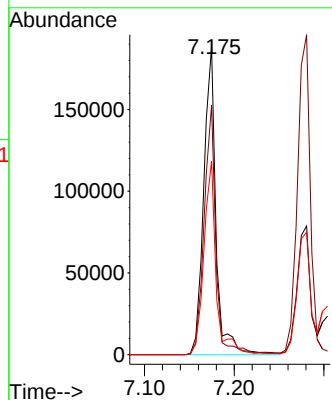
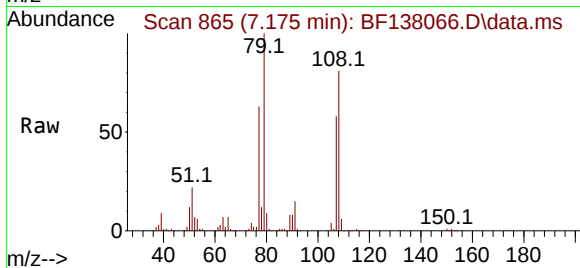
Tgt Ion: 79 Resp: 179391

Ion Ratio Lower Upper

79 100

108 80.9 62.8 94.2

77 62.9 48.7 73.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.085 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

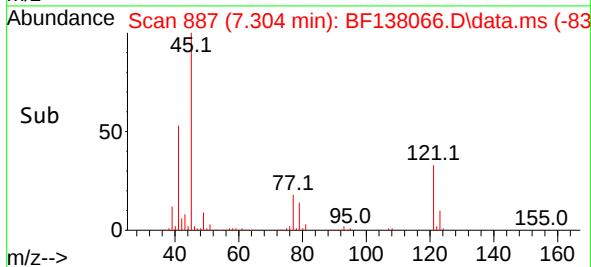
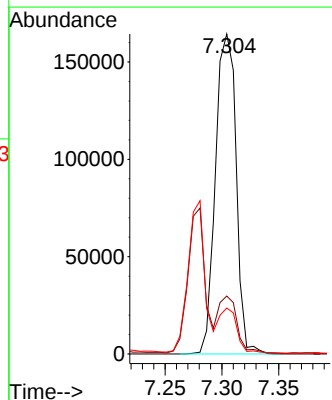
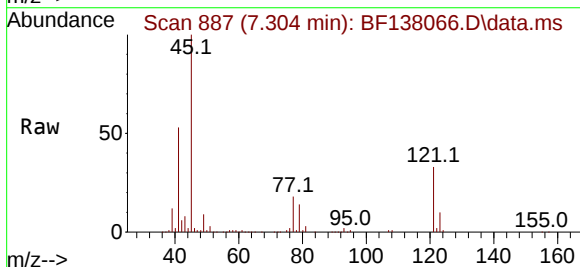
Tgt Ion: 45 Resp: 207576

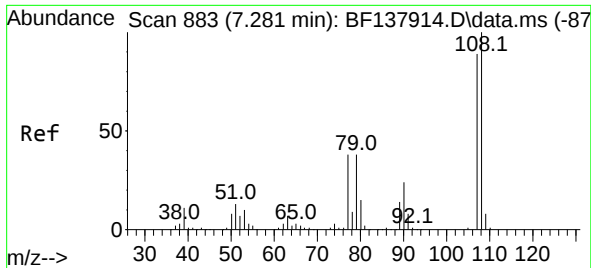
Ion Ratio Lower Upper

45 100

77 18.1 0.0 35.3

79 14.3 0.0 32.1



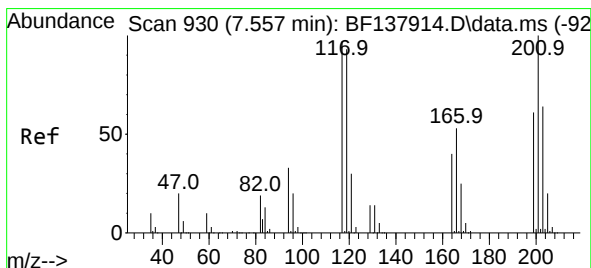
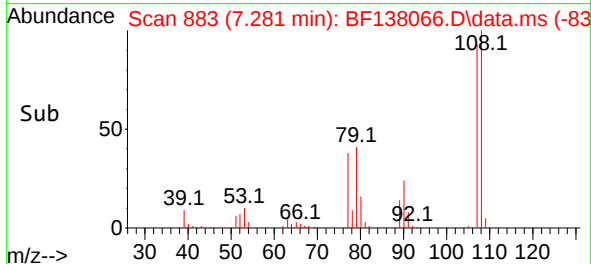
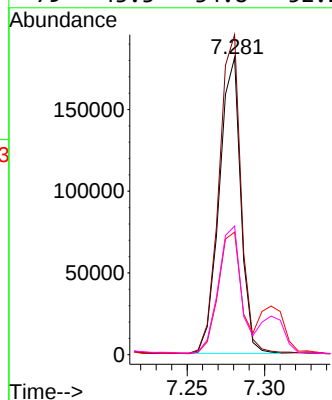
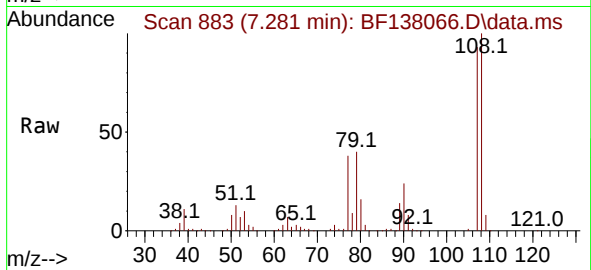


#17
2-Methylphenol
Concen: 38.960 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 174493

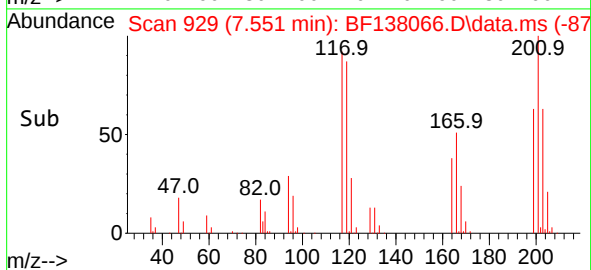
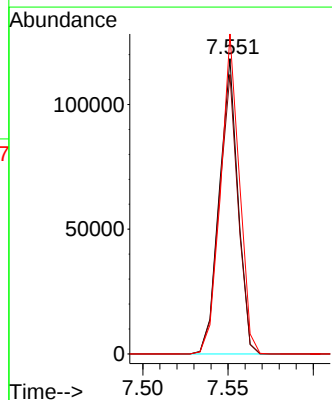
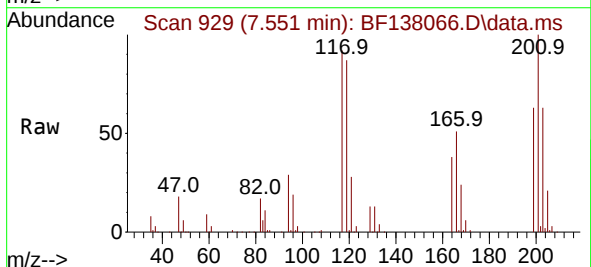
Ion	Ratio	Lower	Upper
107	100		
108	107.7	90.1	135.1
77	41.2	34.3	51.5
79	43.3	34.8	52.2



#18
Hexachloroethane
Concen: 40.960 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:117 Resp: 90402

Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.8	115.2
201	108.3	82.7	124.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.984 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 140011

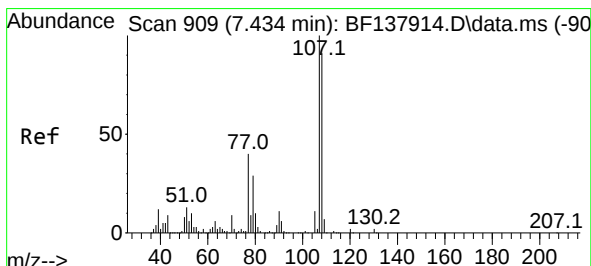
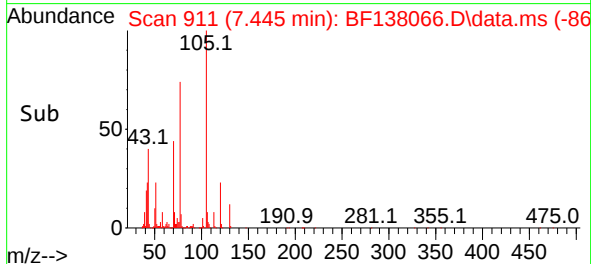
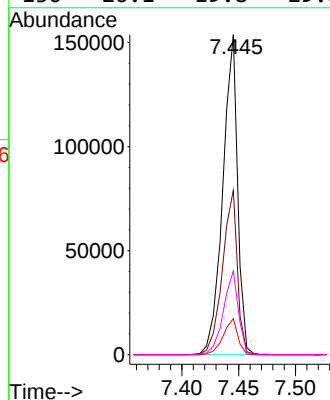
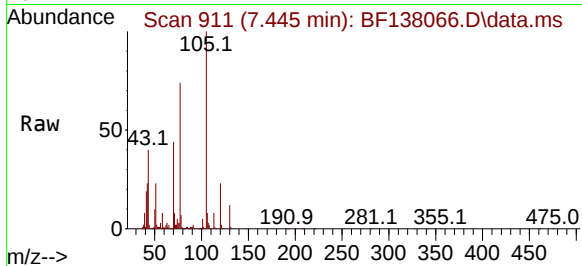
Ion Ratio Lower Upper

70 100

42 51.4 42.2 63.4

101 11.3 8.8 13.2

130 26.1 19.8 29.8



#20

3+4-Methylphenols

Concen: 39.155 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Tgt Ion: 107 Resp: 229742

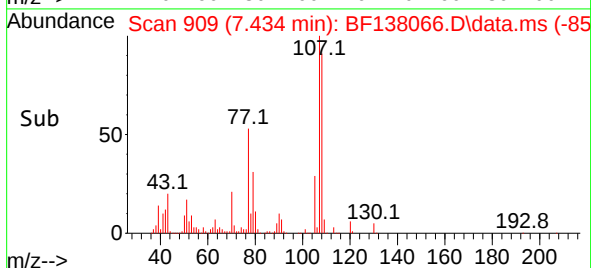
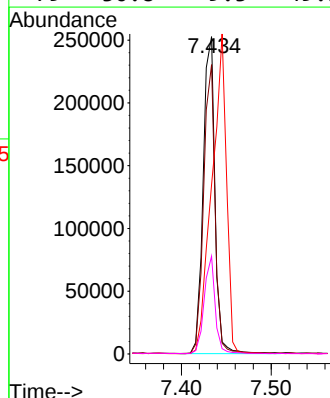
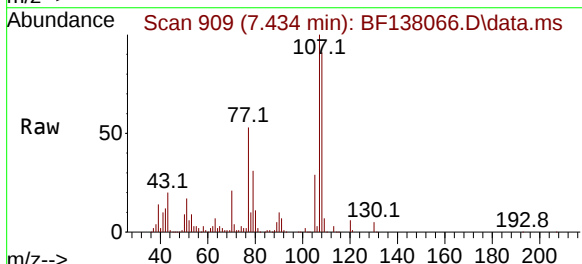
Ion Ratio Lower Upper

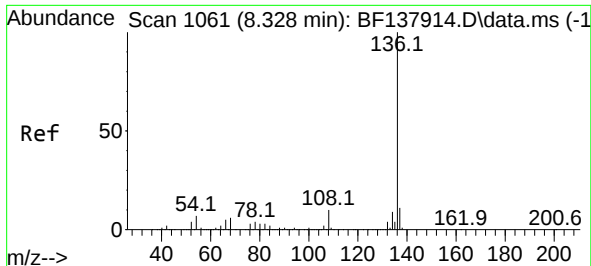
107 100

108 91.2 70.8 110.8

77 53.3 20.2 60.2

79 30.8 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 335973

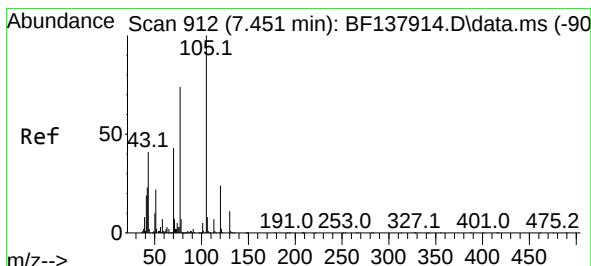
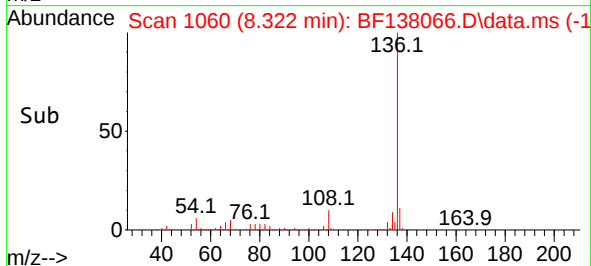
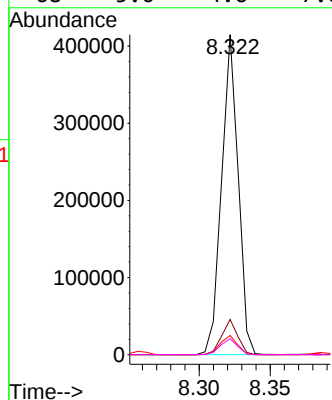
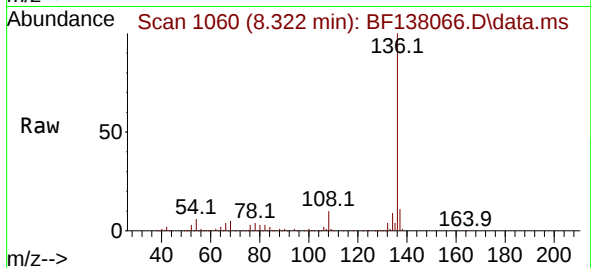
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.0 5.4 8.2

68 5.0 4.6 7.0



#22
Acetophenone
Concen: 40.323 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:105 Resp: 303489

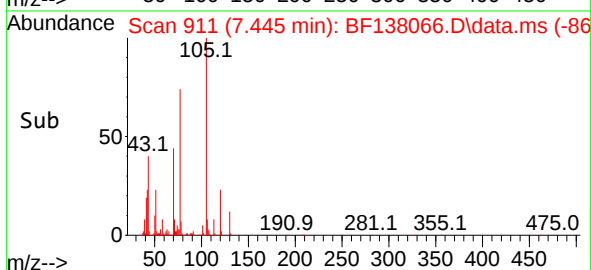
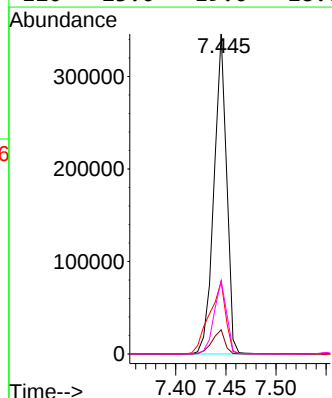
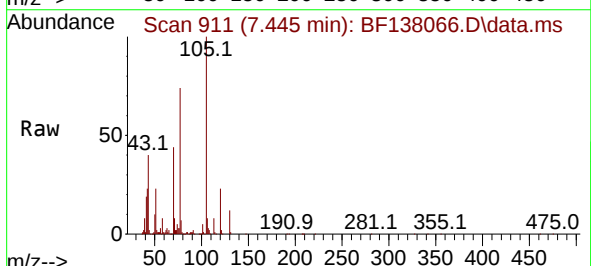
Ion Ratio Lower Upper

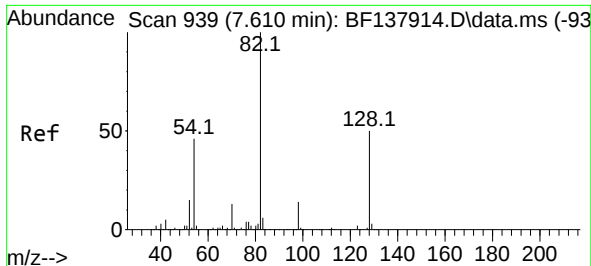
105 100

71 7.5 5.7 8.5

51 22.6 17.8 26.8

120 23.0 19.0 28.6





#23

Nitrobenzene-d5

Concen: 79.445 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

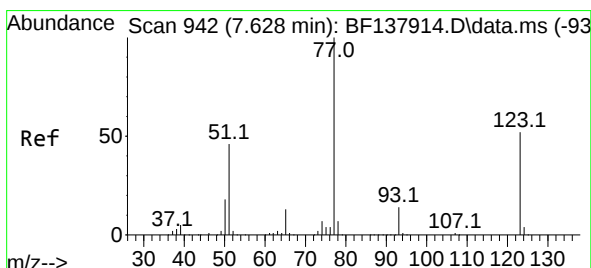
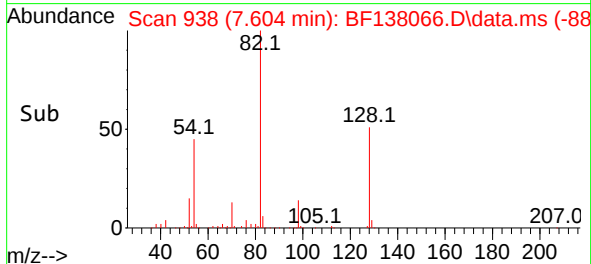
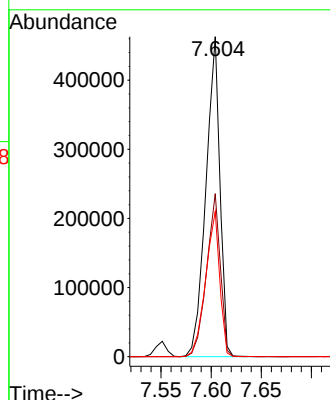
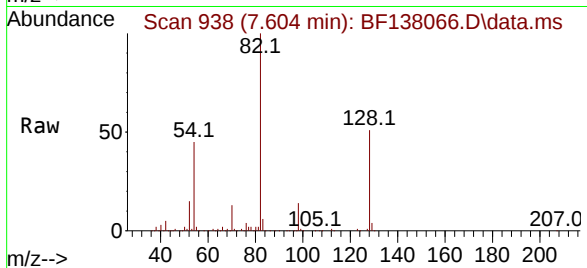
Tgt Ion: 82 Resp: 453548

Ion Ratio Lower Upper

82 100

128 51.0 40.3 60.5

54 45.3 36.8 55.2



#24

Nitrobenzene

Concen: 39.071 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

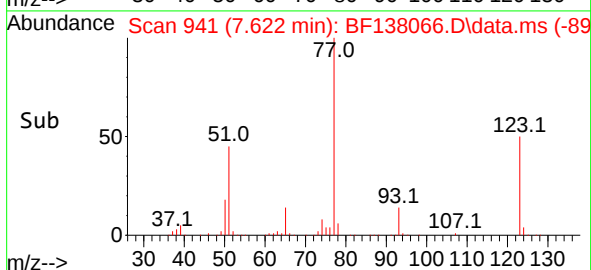
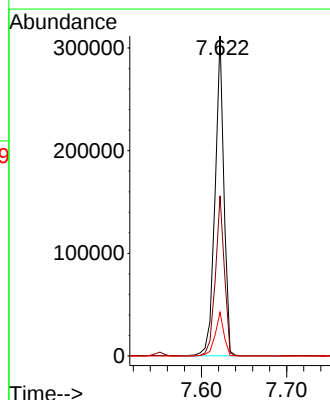
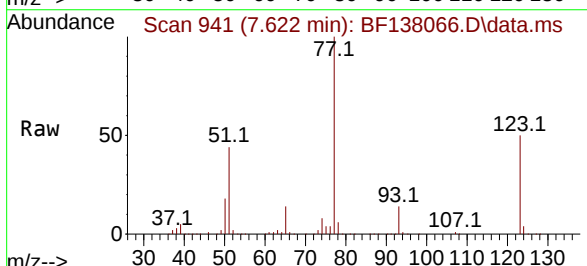
Tgt Ion: 77 Resp: 226278

Ion Ratio Lower Upper

77 100

123 50.0 41.4 62.2

65 13.6 10.5 15.7

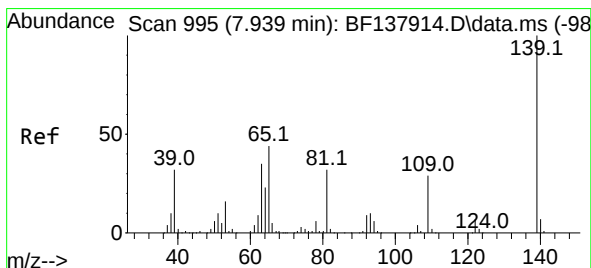
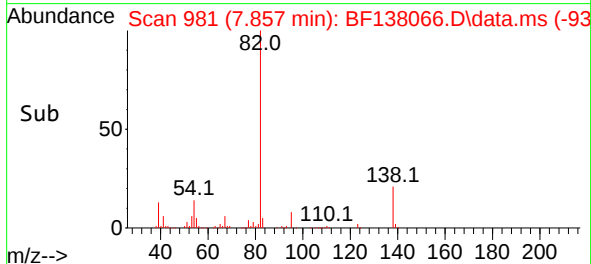
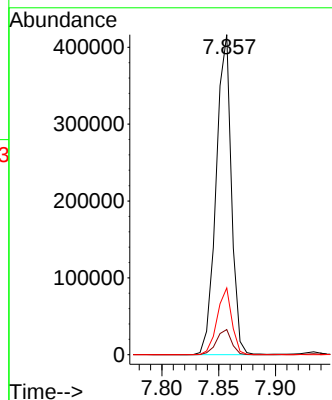
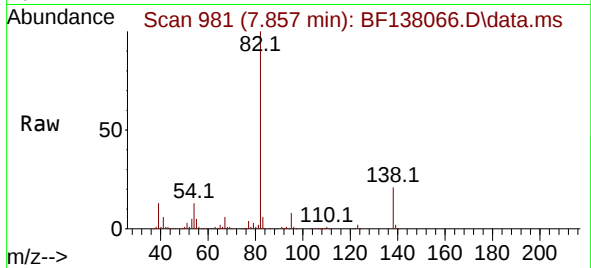




#25
Isophorone
Concen: 39.229 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

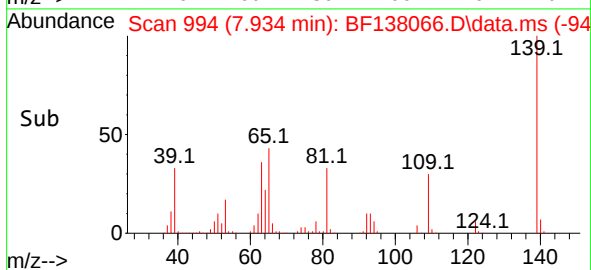
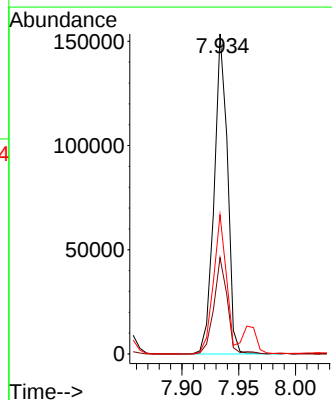
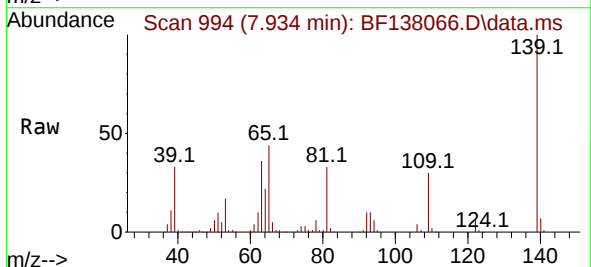
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

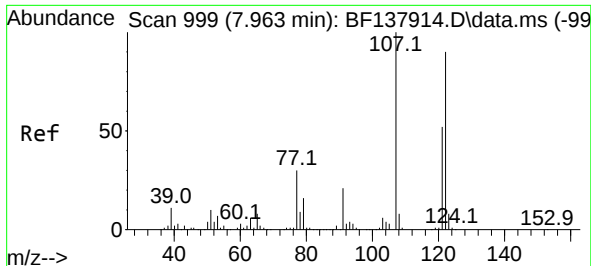
Tgt Ion: 82 Resp: 388688
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 20.9 15.0 22.4



#26
2-Nitrophenol
Concen: 43.061 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion: 139 Resp: 125311
Ion Ratio Lower Upper
139 100
109 30.1 22.8 34.2
65 43.5 35.2 52.8

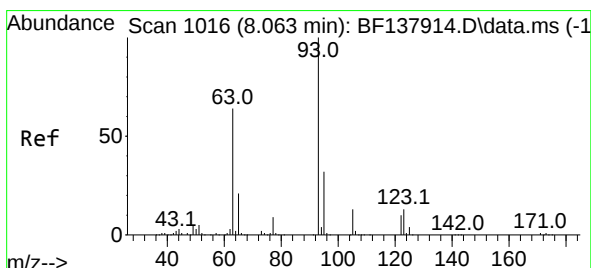
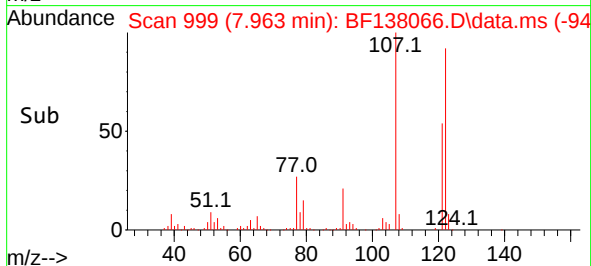
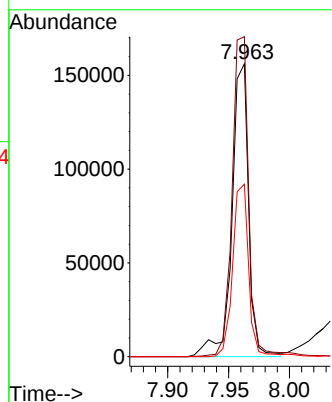
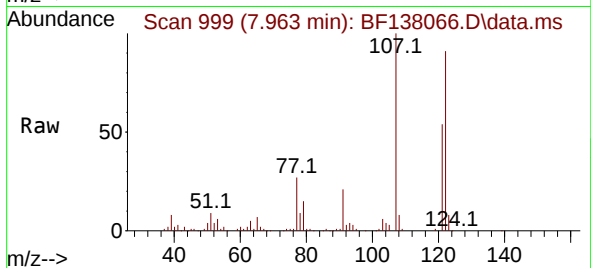




#27
2,4-Dimethylphenol
Concen: 39.750 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

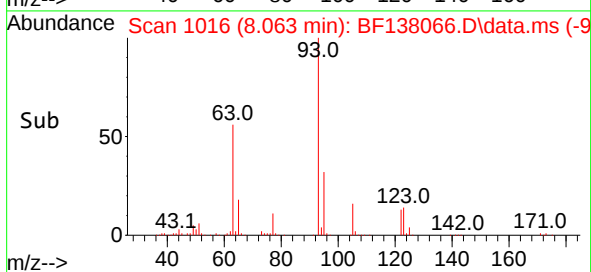
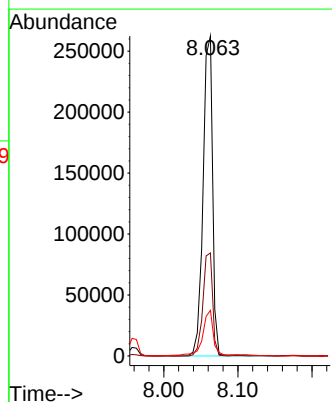
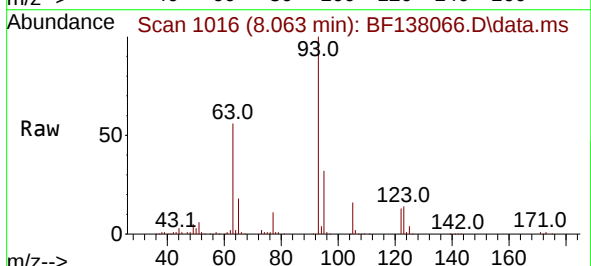
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

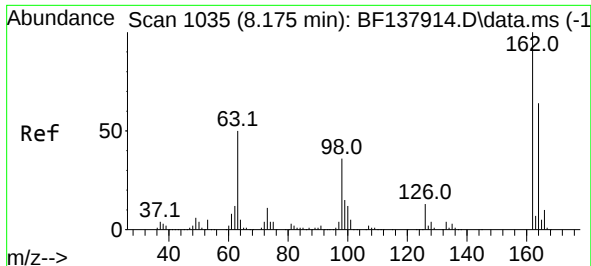
Tgt Ion:122 Resp: 148926
Ion Ratio Lower Upper
122 100
107 109.3 89.0 133.4
121 58.9 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.141 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion: 93 Resp: 235047
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 14.2 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 41.063 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

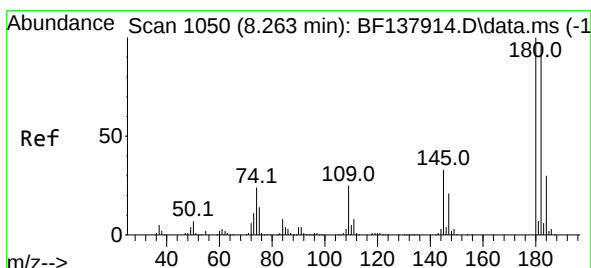
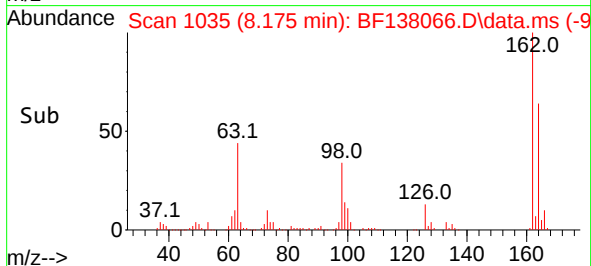
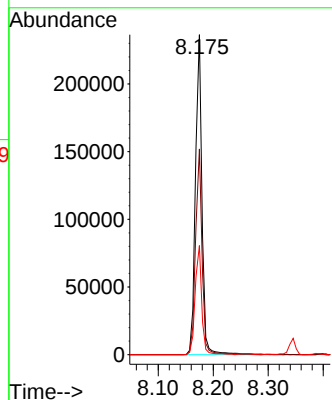
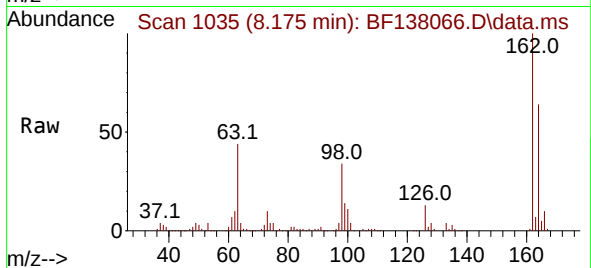
Tgt Ion:162 Resp: 193465

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

98 34.1 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 41.595 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

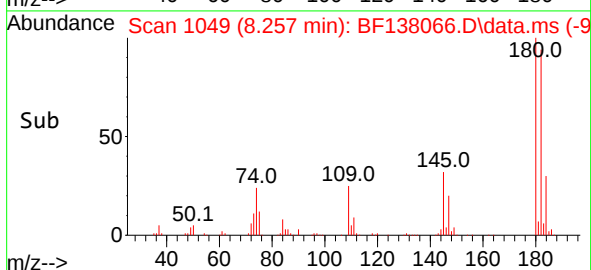
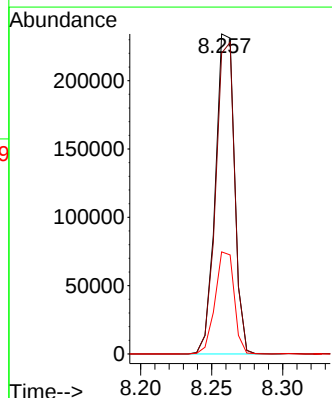
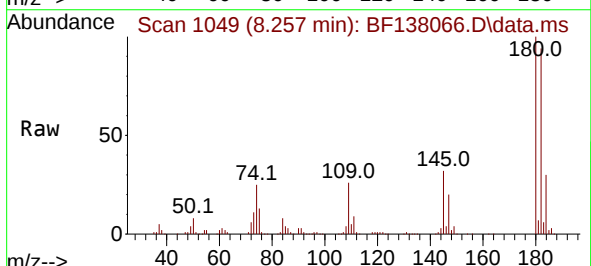
Tgt Ion:180 Resp: 218802

Ion Ratio Lower Upper

180 100

182 94.0 76.5 114.7

145 31.9 26.2 39.2

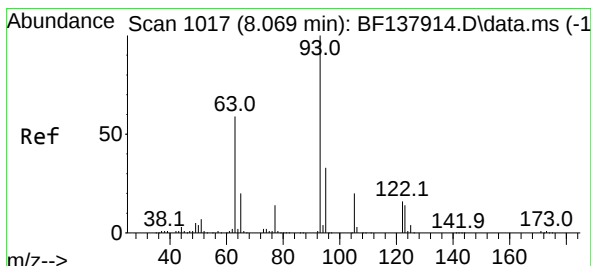
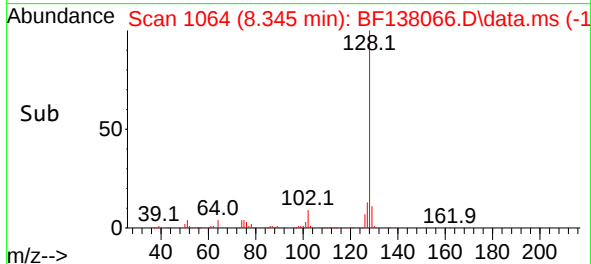
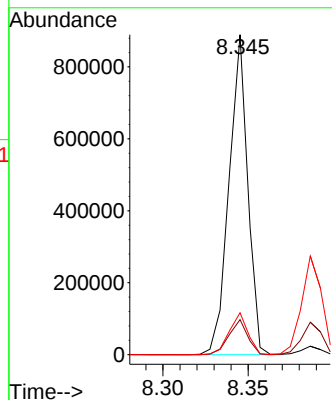
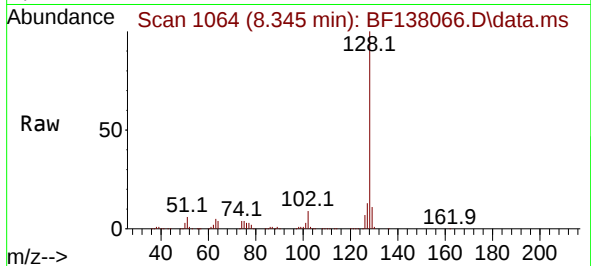




#31
Naphthalene
Concen: 40.255 ng
RT: 8.345 min Scan# 1065
Delta R.T. -0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

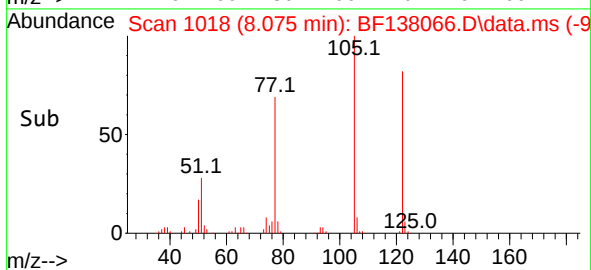
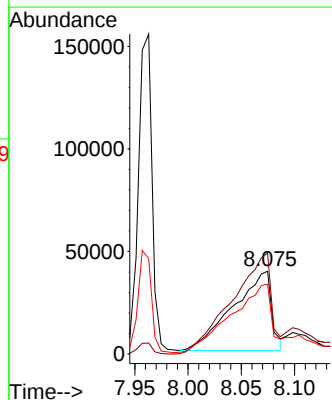
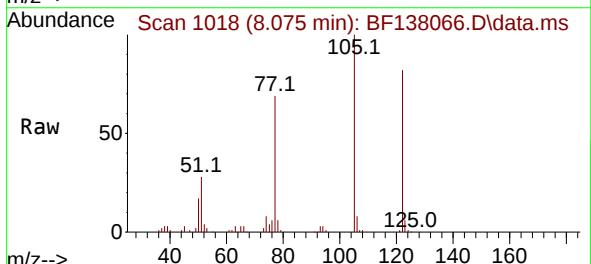
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

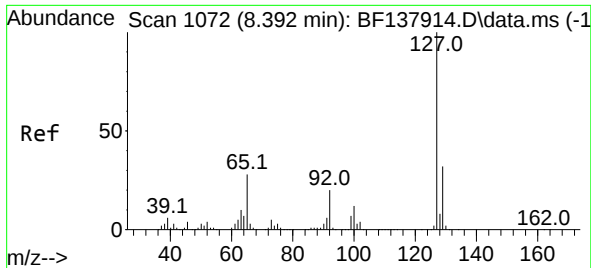
Tgt Ion:128 Resp: 680015
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 30.620 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:122 Resp: 96976
Ion Ratio Lower Upper
122 100
105 122.0 103.8 143.8
77 84.2 68.4 108.4

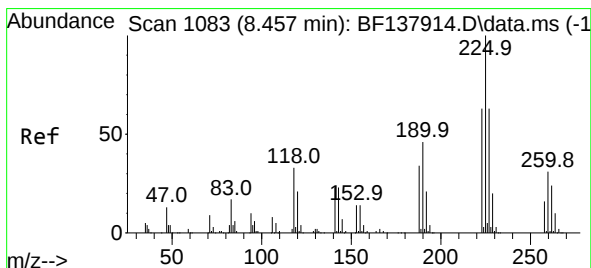
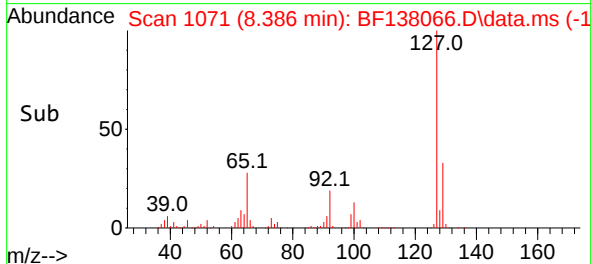
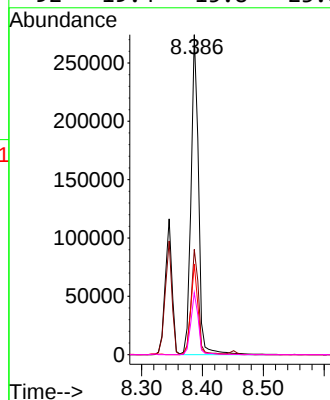
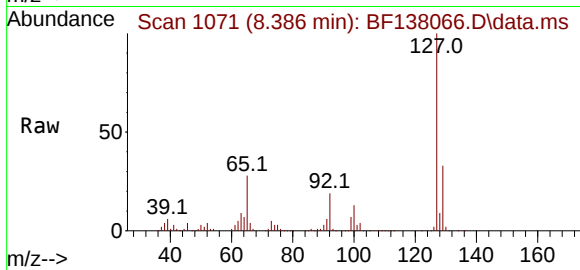




#33
4-Chloroaniline
Concen: 42.471 ng
RT: 8.386 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

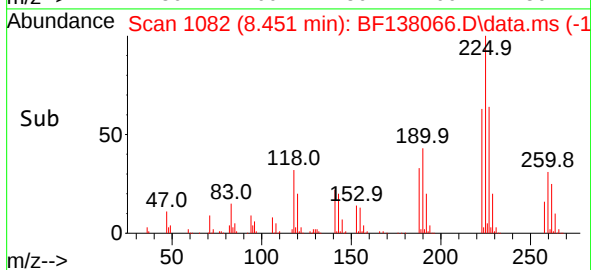
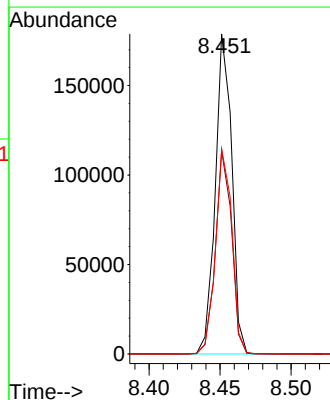
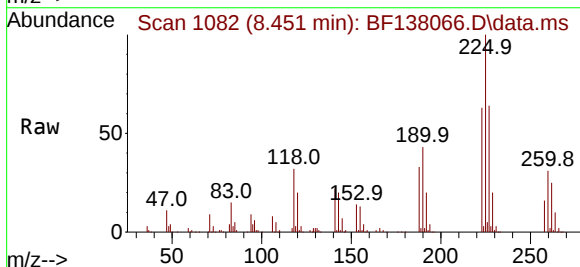
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

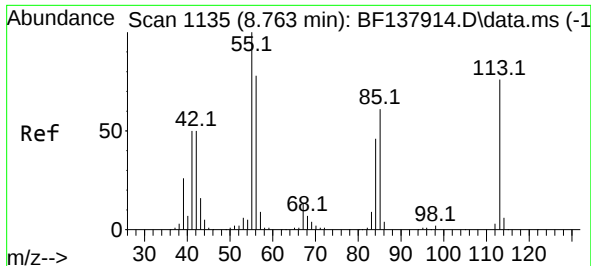
Tgt	Ion:127	Resp:	235194
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.2
65	28.4	22.0	33.0
92	19.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 43.197 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:225	Resp: 143829		
Ion Ratio	Lower	Upper	
225 100			
223 63.4	50.0	75.0	
227 64.1	50.2	75.4	

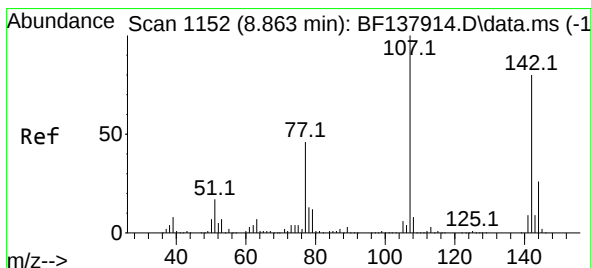
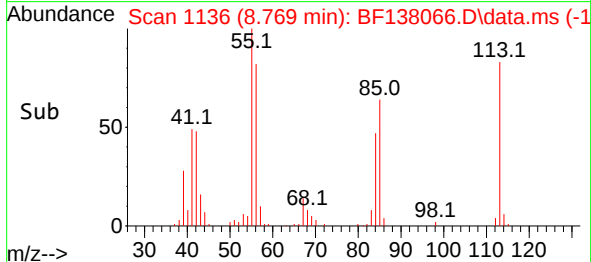
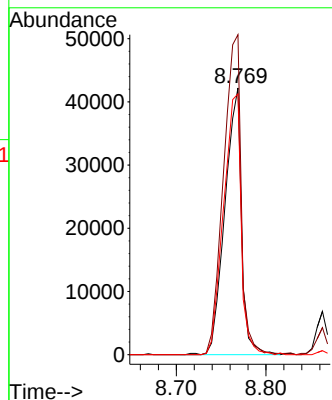
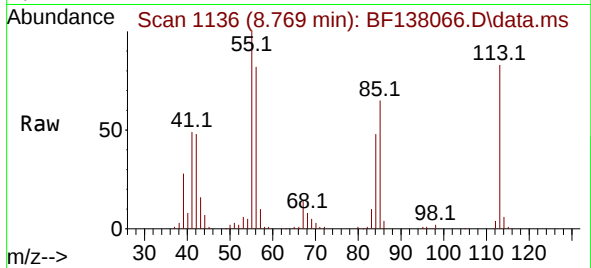




#35
 Caprolactam
 Concen: 39.686 ng
 RT: 8.769 min Scan# 1135
 Delta R.T. 0.006 min
 Lab File: BF138066.D
 Acq: 30 May 2024 10:33

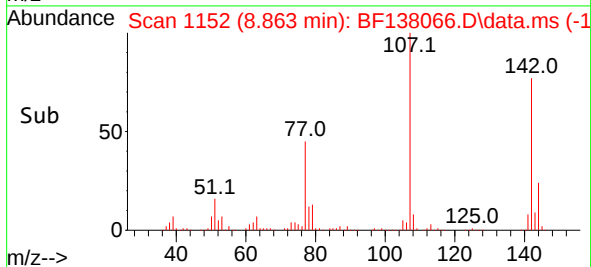
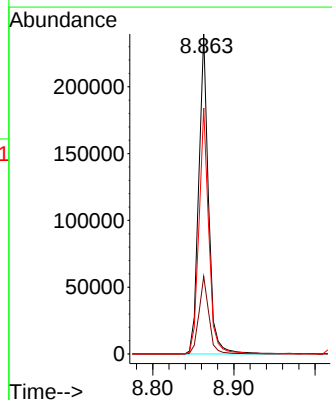
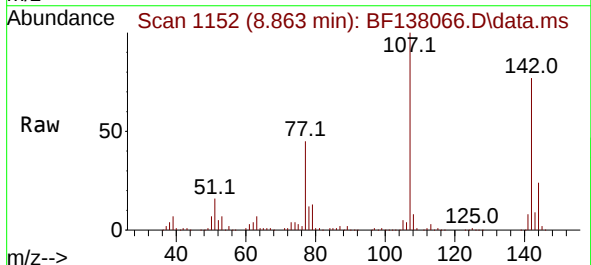
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

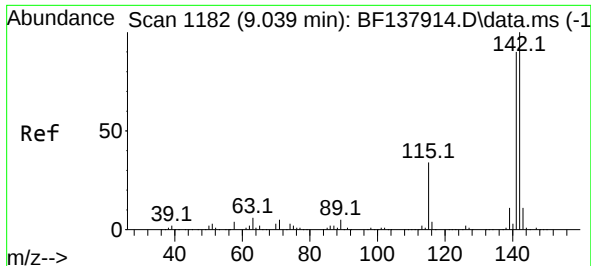
Tgt Ion:113 Resp: 54170
 Ion Ratio Lower Upper
 113 100
 55 119.9 112.3 152.3
 56 97.8 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.133 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF138066.D
 Acq: 30 May 2024 10:33

Tgt Ion:107 Resp: 201930
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.7 31.1
 142 76.9 64.0 96.0

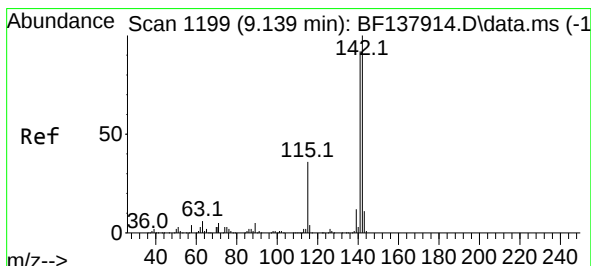
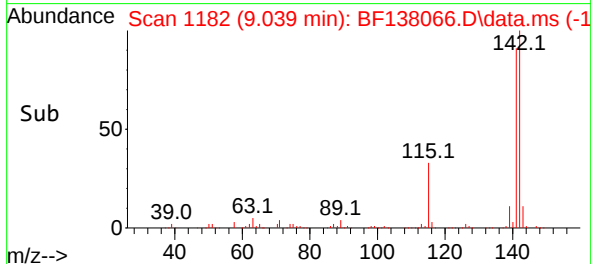
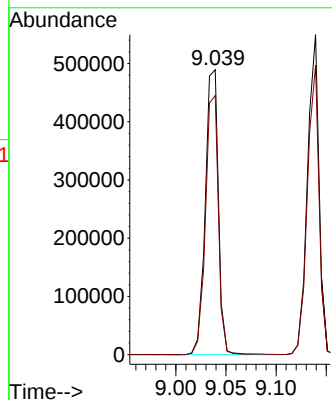
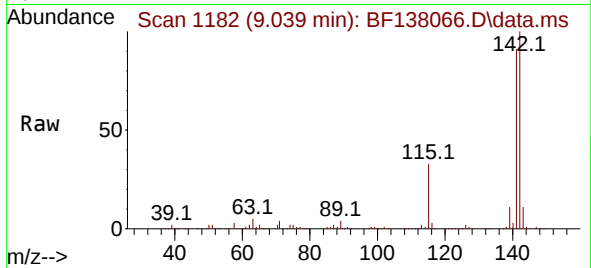




#37
2-Methylnaphthalene
Concen: 41.279 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

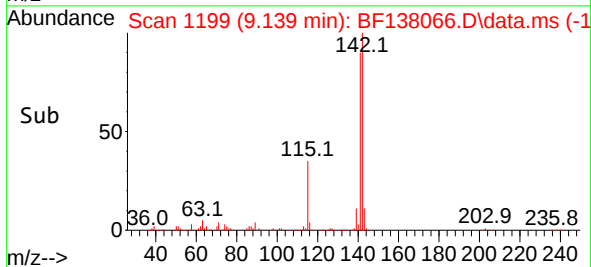
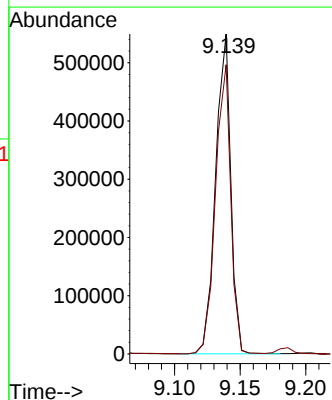
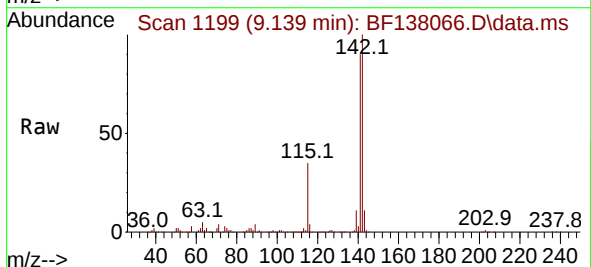
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

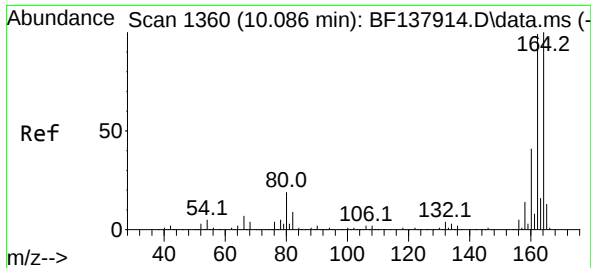
Tgt Ion:142 Resp: 448237
Ion Ratio Lower Upper
142 100
141 91.0 72.0 108.0



#38
1-Methylnaphthalene
Concen: 41.282 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:142 Resp: 440695
Ion Ratio Lower Upper
142 100
141 90.4 73.7 110.5

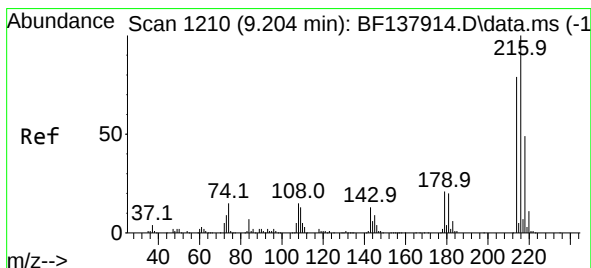
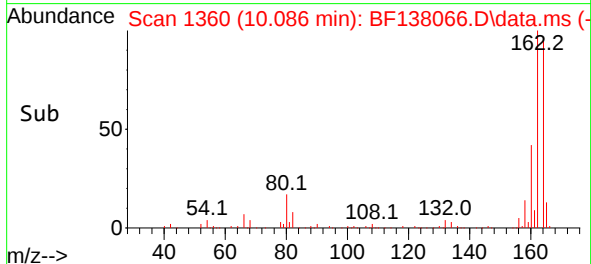
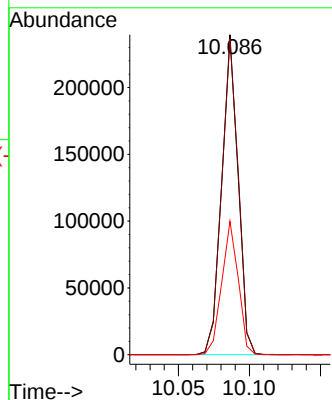
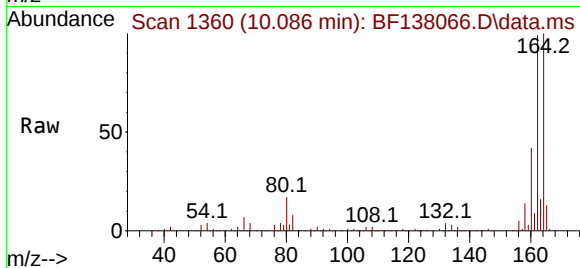




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

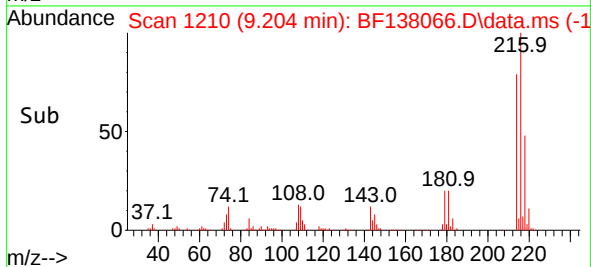
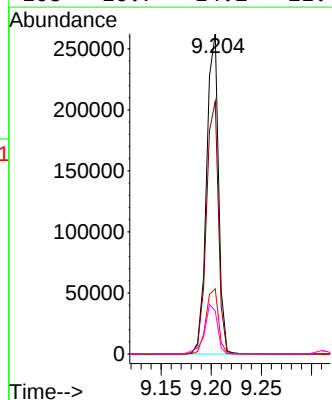
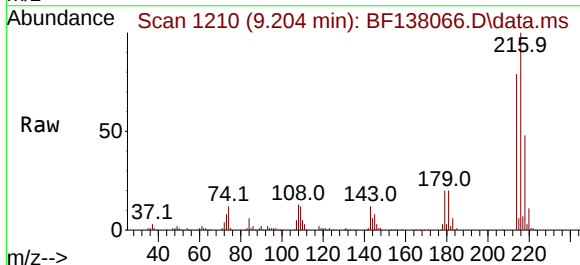
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

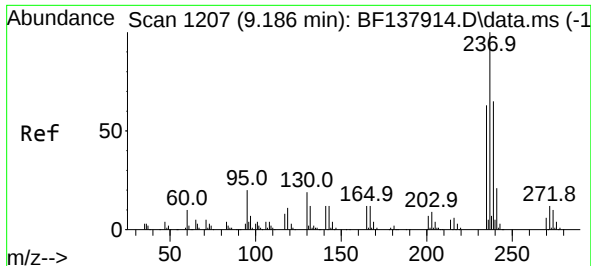
Tgt Ion:164 Resp: 191194
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.2
160 41.7 33.1 49.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.065 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:216 Resp: 218646
Ion Ratio Lower Upper
216 100
214 79.8 63.4 95.2
179 21.1 17.0 25.4
108 16.7 14.2 21.4

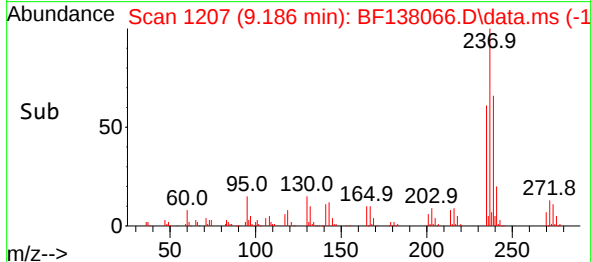
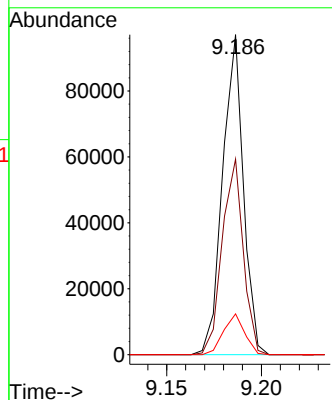
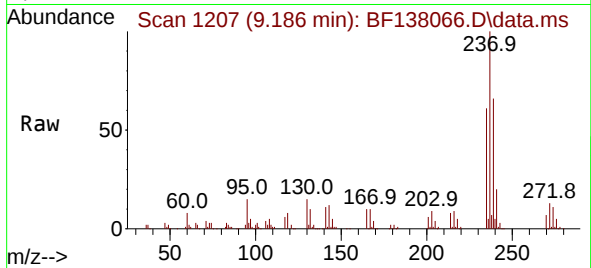




#41
Hexachlorocyclopentadiene
Concen: 37.491 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

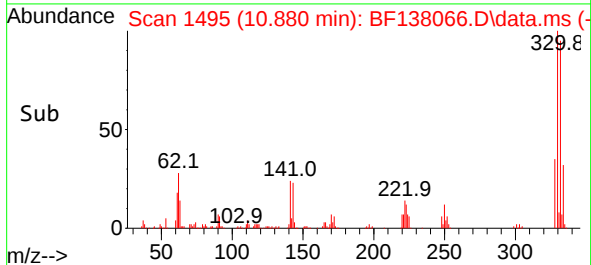
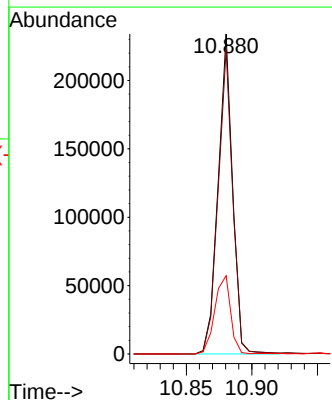
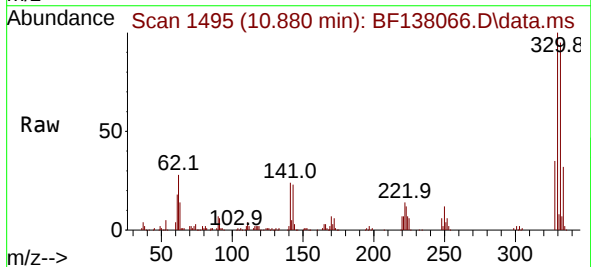
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

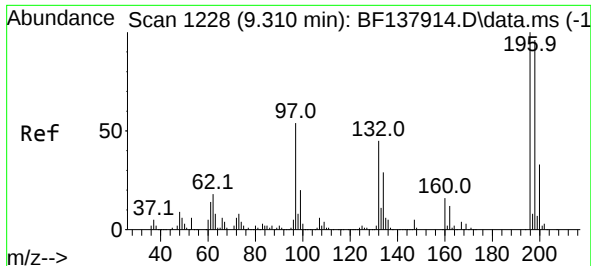
Tgt Ion:237 Resp: 74046
Ion Ratio Lower Upper
237 100
235 61.1 42.8 82.8
272 12.7 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 93.049 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:330 Resp: 179381
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.8
141 27.0 23.8 35.6

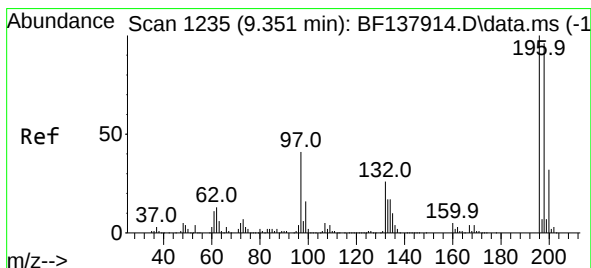
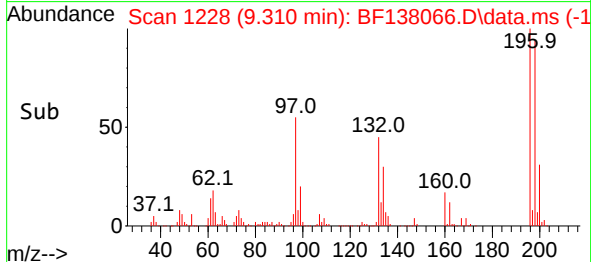
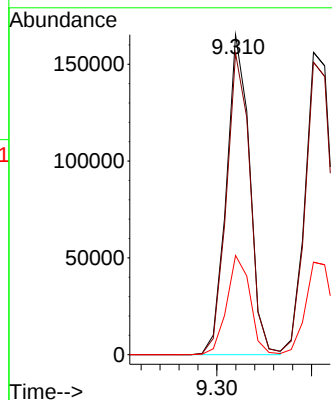
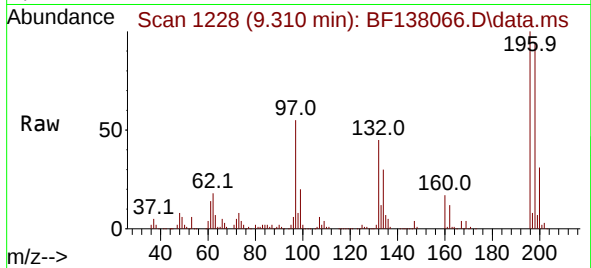




#43
2,4,6-Trichlorophenol
Concen: 41.395 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

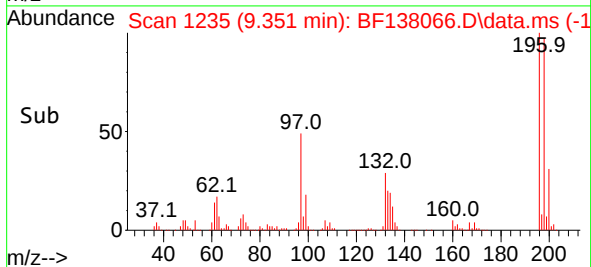
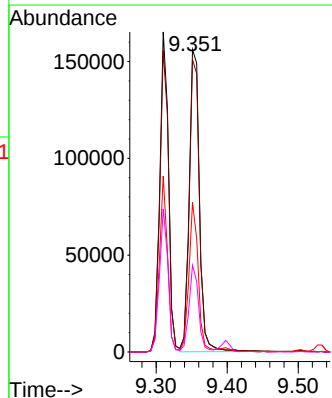
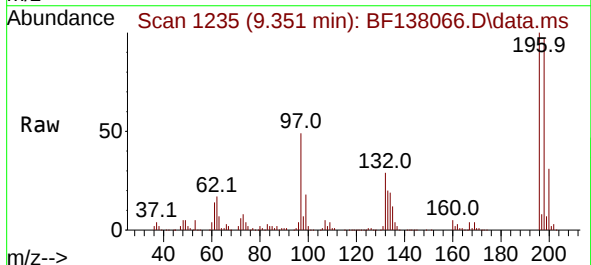
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

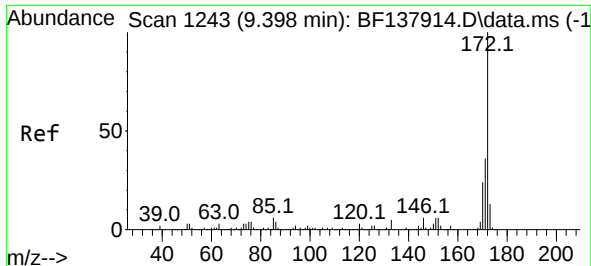
Tgt Ion:196 Resp: 141078
Ion Ratio Lower Upper
196 100
198 94.2 77.0 115.4
200 31.0 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 41.946 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:196 Resp: 156417
Ion Ratio Lower Upper
196 100
198 96.7 77.4 116.0
97 49.5 32.9 49.3#
132 28.7 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 83.158 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

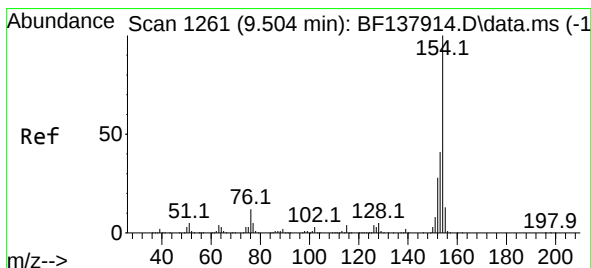
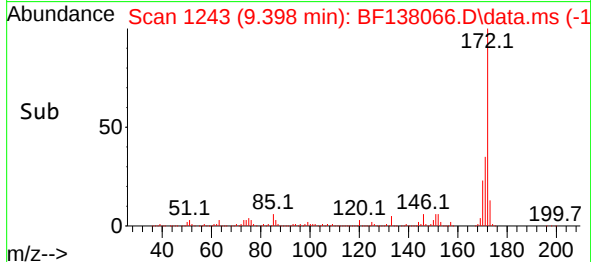
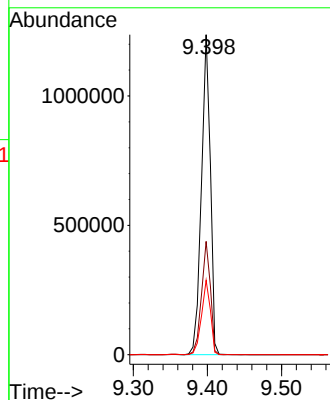
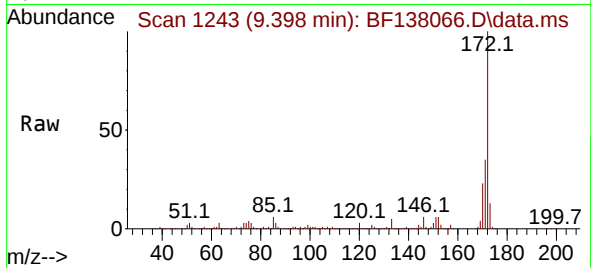
Tgt Ion:172 Resp: 1032158

Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

170 23.2 18.9 28.3



#46

1,1'-Biphenyl

Concen: 41.190 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

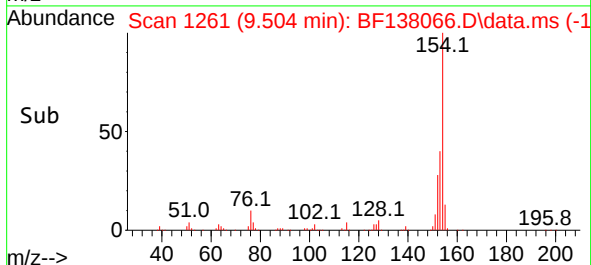
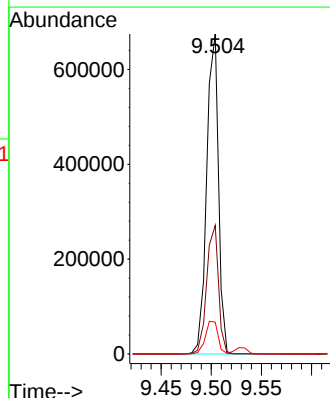
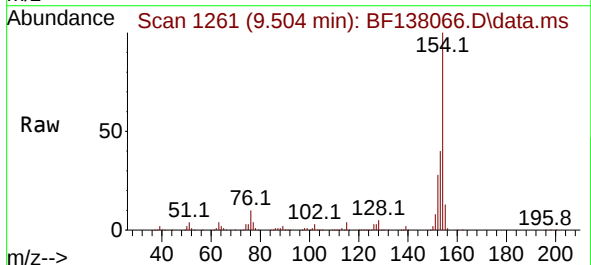
Tgt Ion:154 Resp: 552361

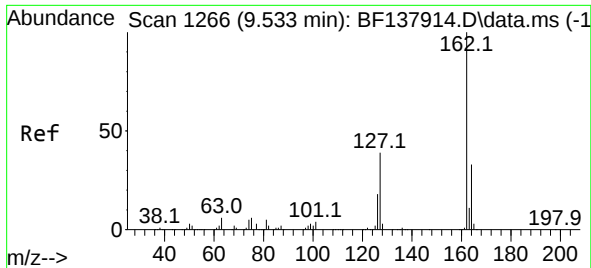
Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

76 10.0 0.0 31.9

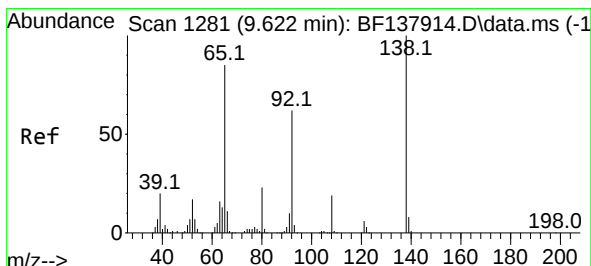
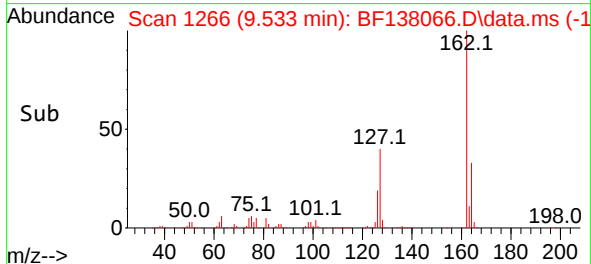
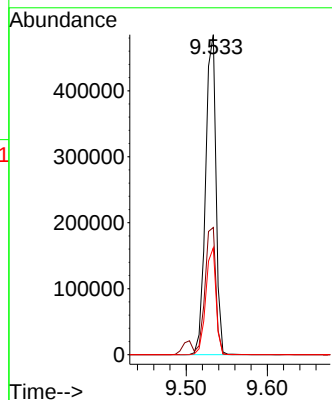
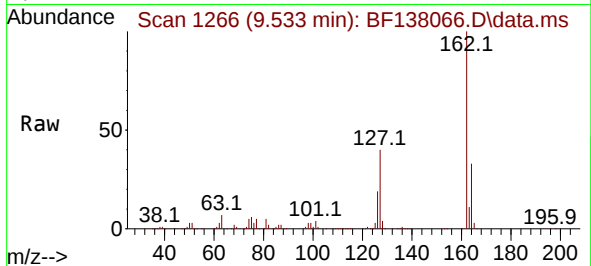




#47
2-Chloronaphthalene
Concen: 40.366 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

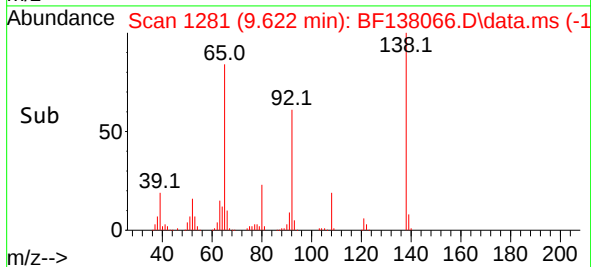
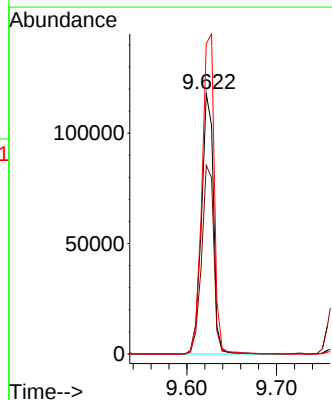
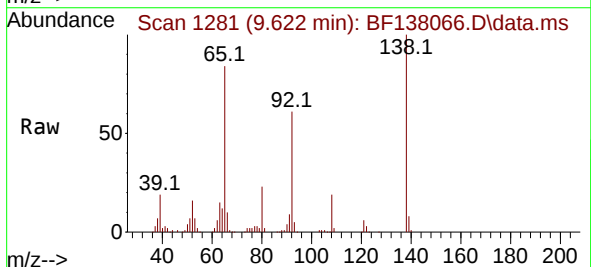
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

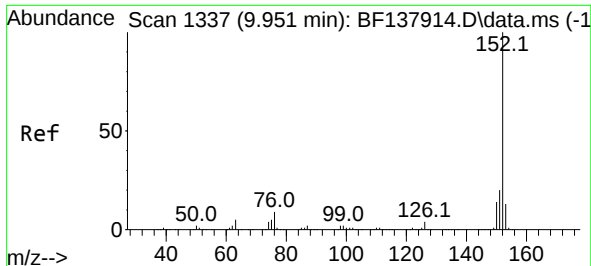
Tgt Ion:162 Resp: 432111
Ion Ratio Lower Upper
162 100
127 39.7 32.0 48.0
164 33.4 26.2 39.4



#48
2-Nitroaniline
Concen: 39.775 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion: 65 Resp: 109033
Ion Ratio Lower Upper
65 100
92 72.5 58.6 88.0
138 119.3 94.1 141.1





#49

Acenaphthylene

Concen: 40.775 ng

RT: 9.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

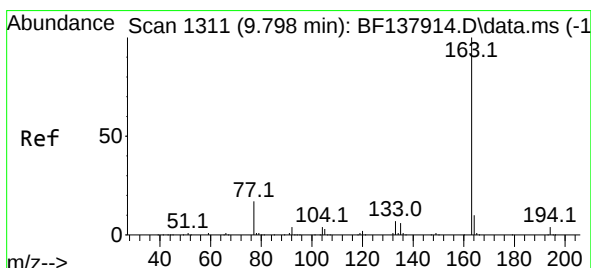
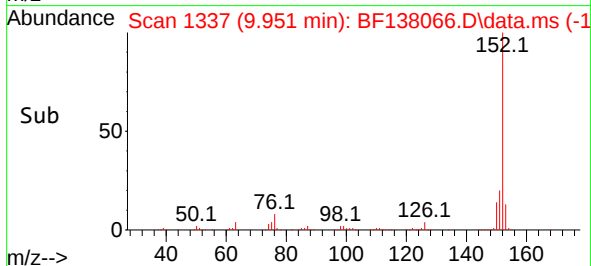
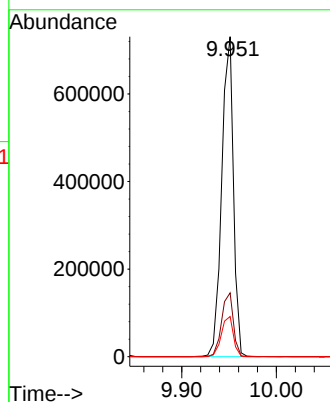
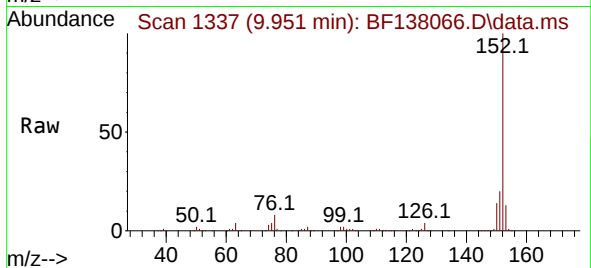
Tgt Ion:152 Resp: 627609

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 12.6 10.2 15.4



#50

Dimethylphthalate

Concen: 41.501 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

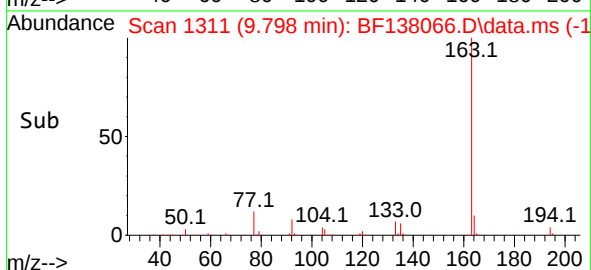
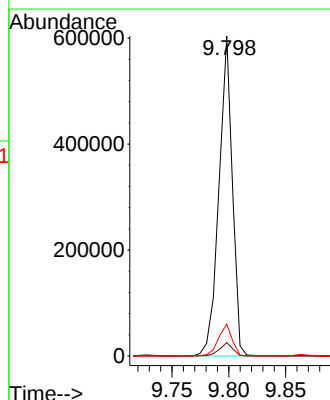
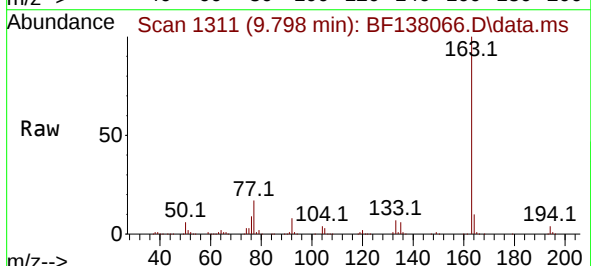
Tgt Ion:163 Resp: 497567

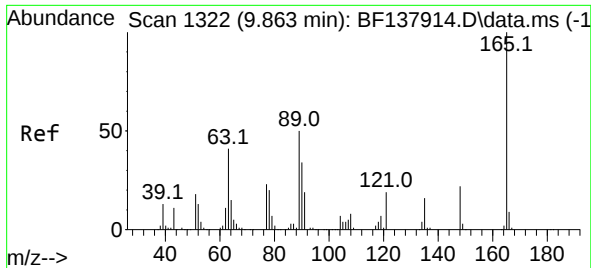
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.0 8.0 12.0

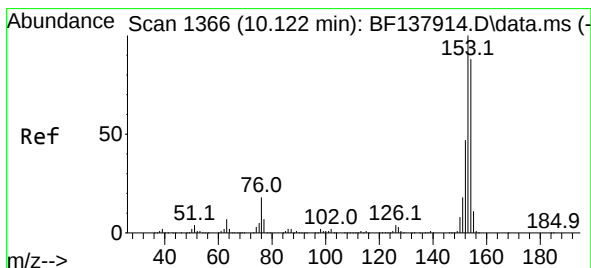
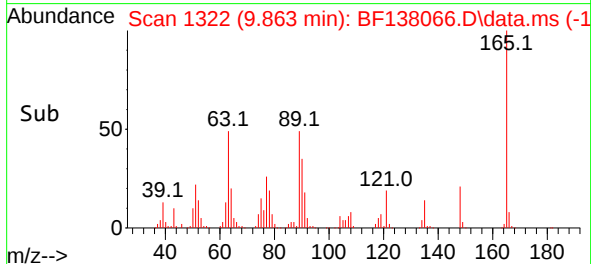
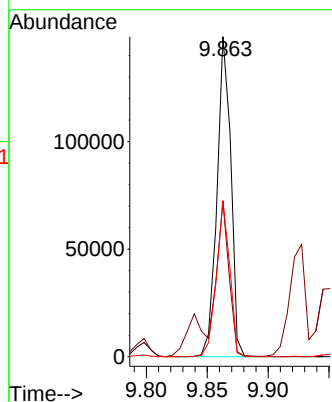
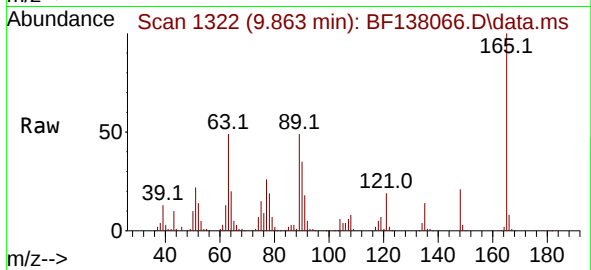




#51
2,6-Dinitrotoluene
Concen: 42.810 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

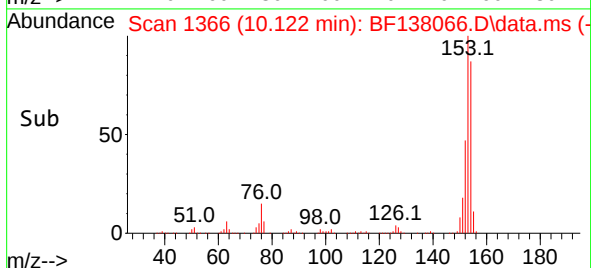
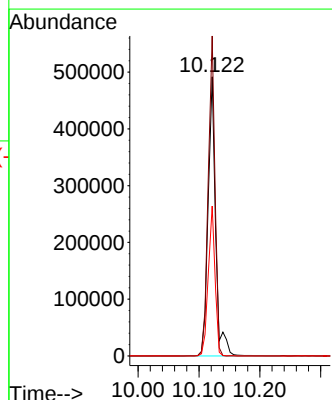
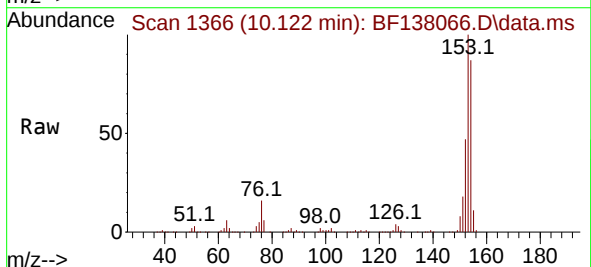
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

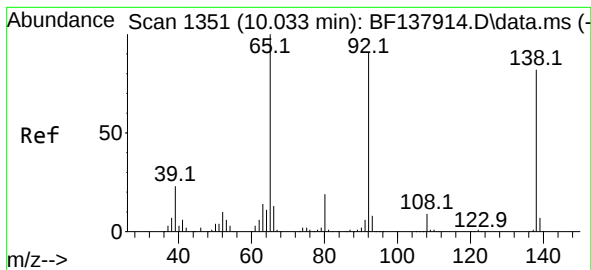
Tgt Ion:165 Resp: 117800
Ion Ratio Lower Upper
165 100
63 48.6 38.9 58.3
89 48.8 40.4 60.6



#52
Acenaphthene
Concen: 41.366 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:154 Resp: 420832
Ion Ratio Lower Upper
154 100
153 114.6 90.4 135.6
152 53.7 42.3 63.5

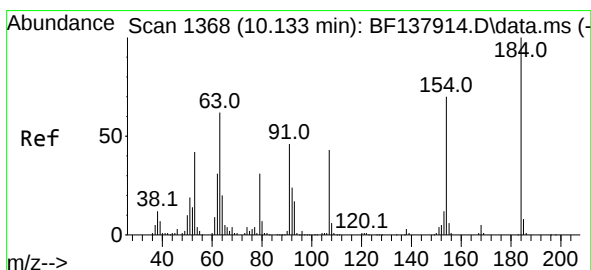
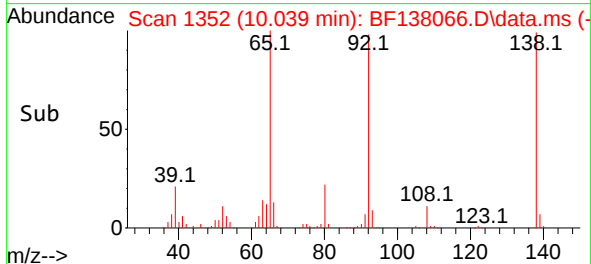
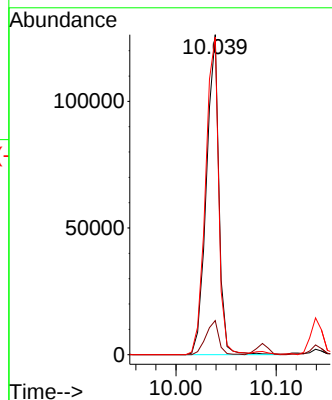
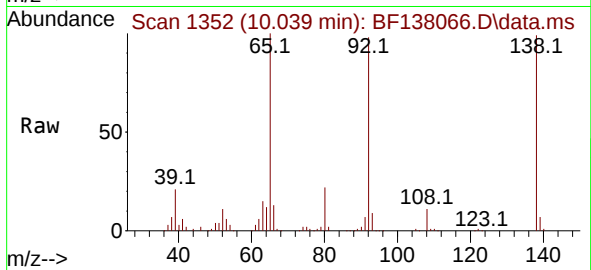




#53
3-Nitroaniline
Concen: 40.983 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

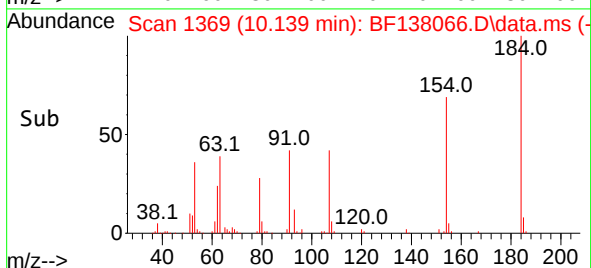
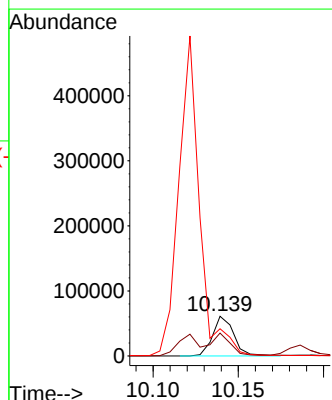
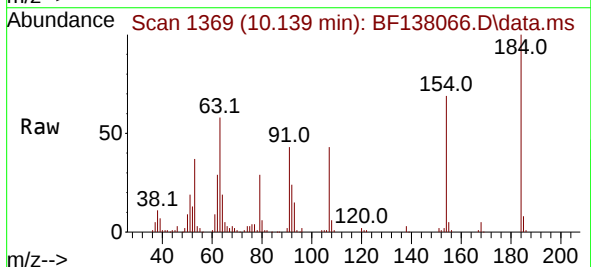
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

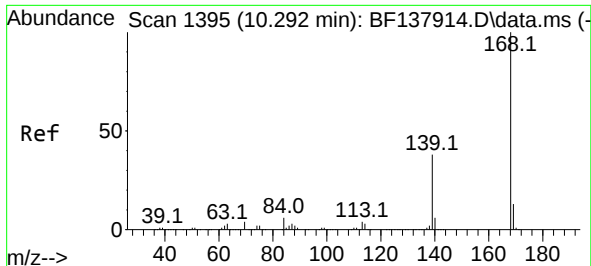
Tgt Ion:138 Resp: 110249
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 99.2 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 39.439 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:184 Resp: 52878
Ion Ratio Lower Upper
184 100
63 57.6 50.4 75.6
154 68.6 63.7 95.5

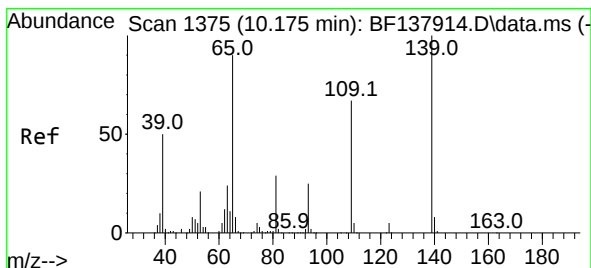
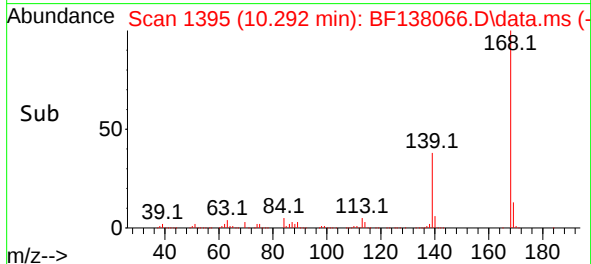
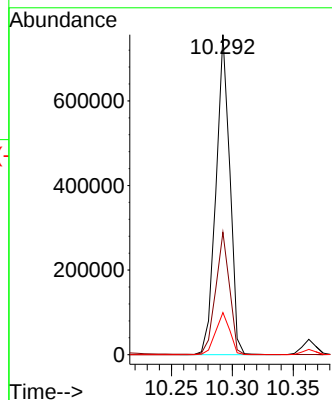
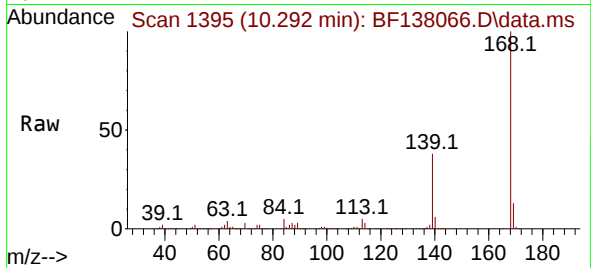




#55
Dibenzofuran
Concen: 40.509 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

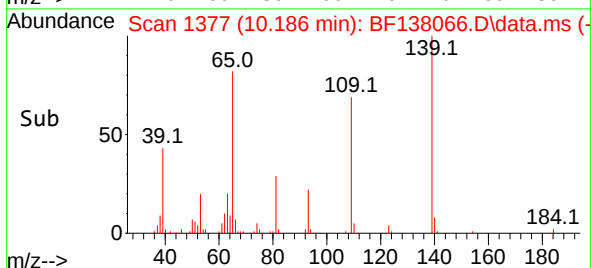
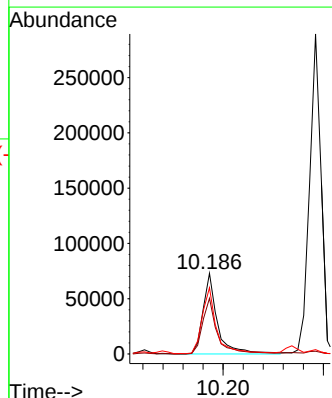
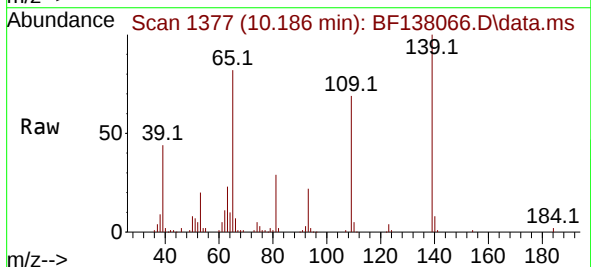
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

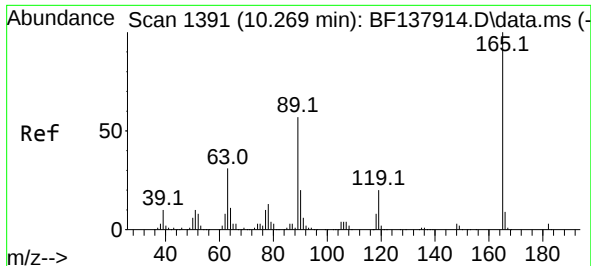
Tgt Ion:168 Resp: 599769
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 37.942 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:139 Resp: 73308
Ion Ratio Lower Upper
139 100
109 69.2 46.5 86.5
65 82.2 70.4 110.4

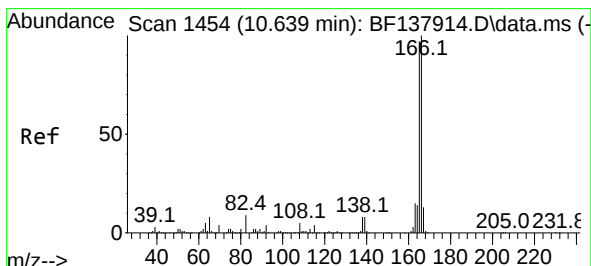
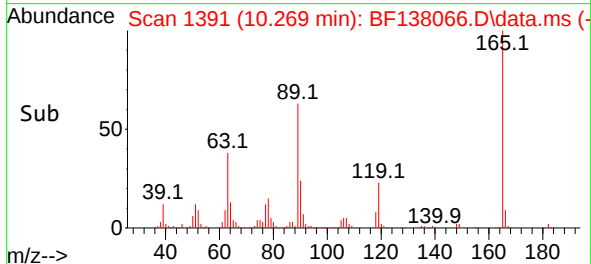
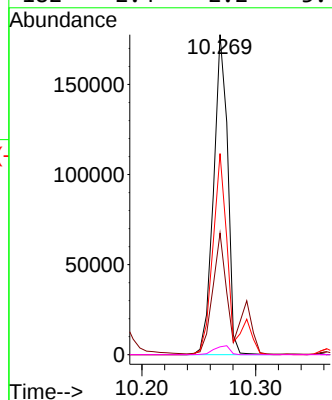
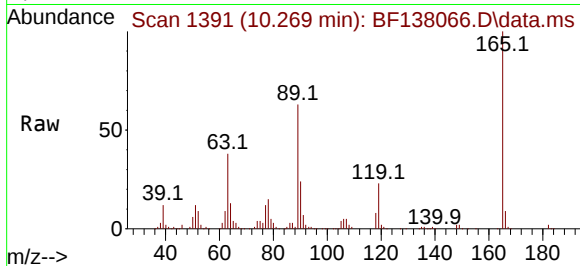




#57
2,4-Dinitrotoluene
Concen: 43.143 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

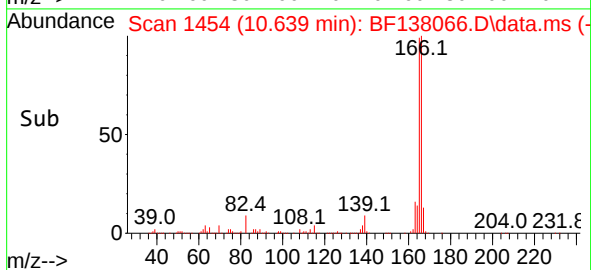
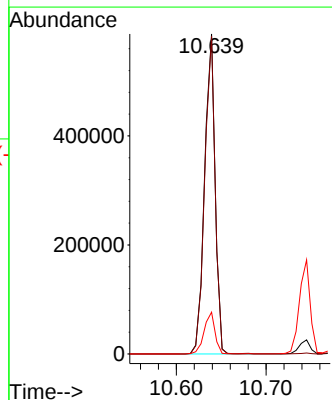
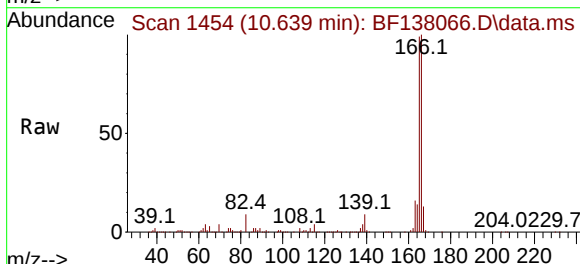
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

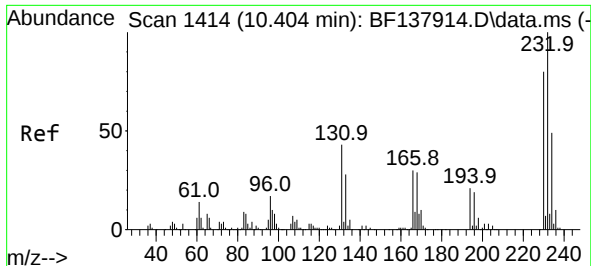
Tgt Ion:165 Resp: 153475
Ion Ratio Lower Upper
165 100
63 38.0 25.3 37.9#
89 62.9 45.9 68.9
182 2.4 2.2 3.4



#58
Fluorene
Concen: 40.831 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:166 Resp: 478159
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.8
167 13.0 10.4 15.6

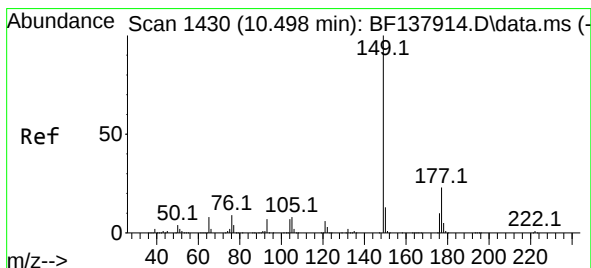
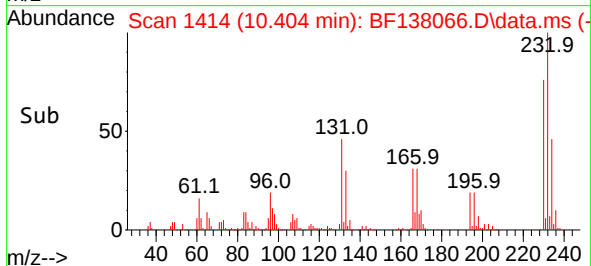
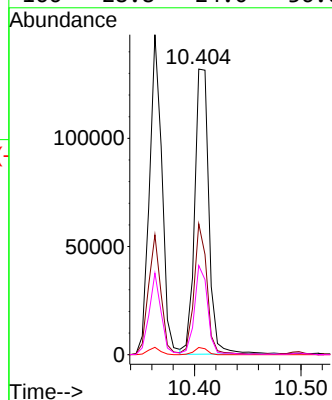
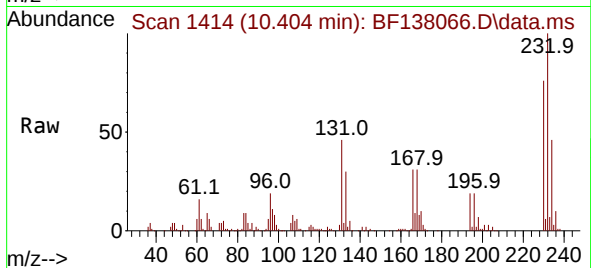




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.832 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

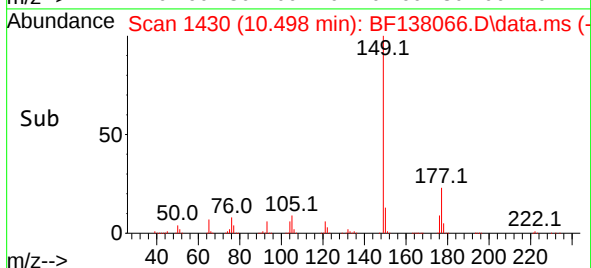
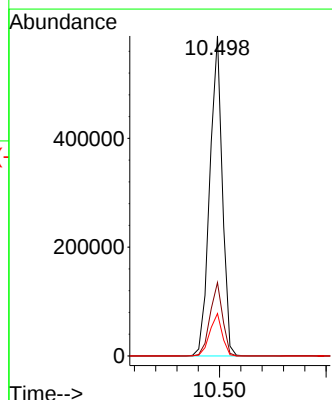
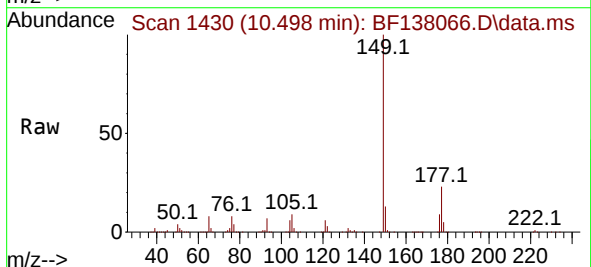
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

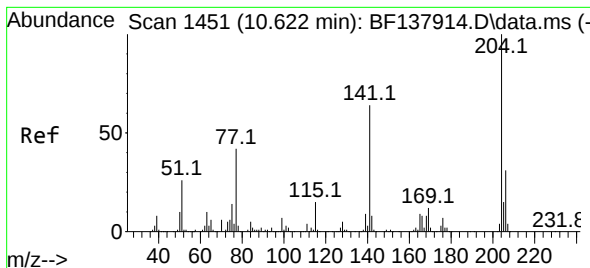
Tgt Ion:232 Resp: 122544
Ion Ratio Lower Upper
232 100
131 41.2 34.4 51.6
130 2.3 1.7 2.5
166 28.8 24.0 36.0



#60
Diethylphthalate
Concen: 43.068 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:149 Resp: 482244
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 13.2 10.1 15.1

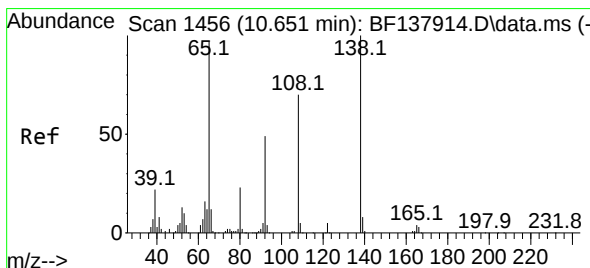
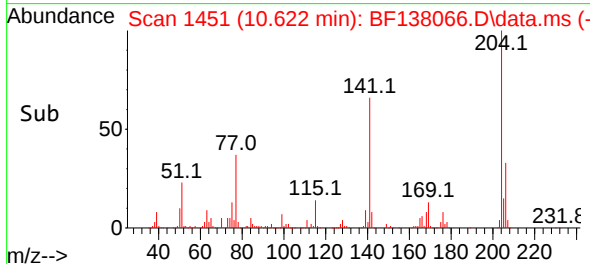
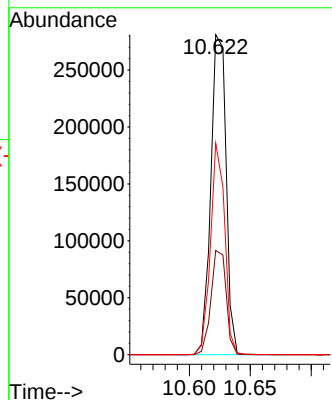
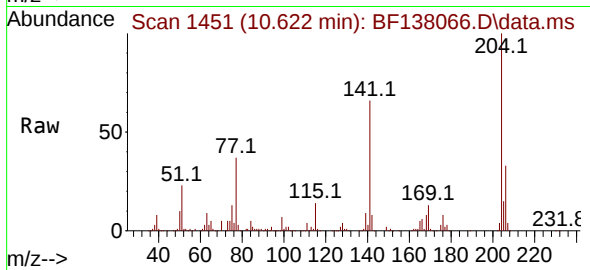




#61
4-Chlorophenyl-phenylether
Concen: 42.553 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

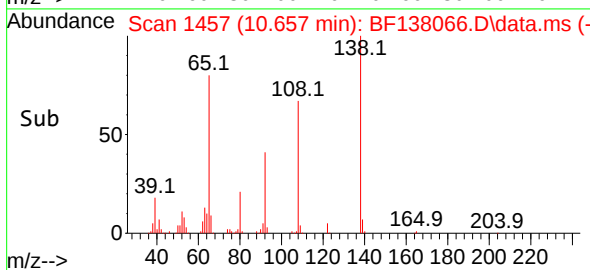
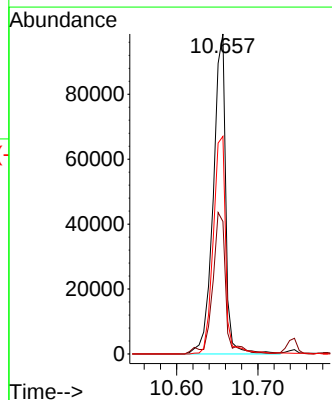
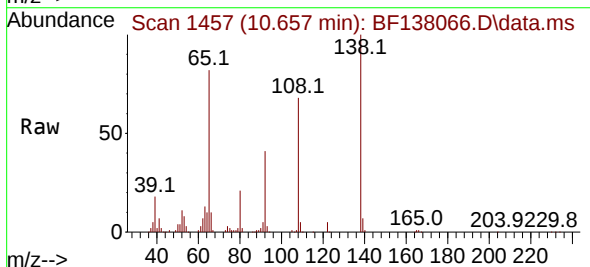
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

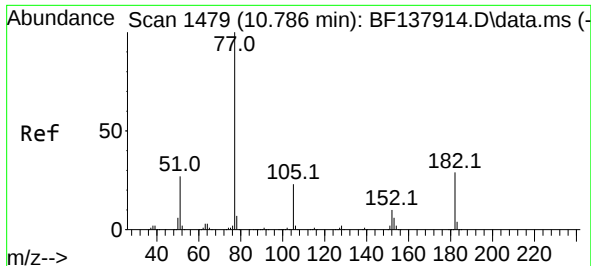
Tgt Ion:204 Resp: 245750
Ion Ratio Lower Upper
204 100
206 32.6 25.1 37.7
141 66.1 51.0 76.6



#62
4-Nitroaniline
Concen: 41.121 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:138 Resp: 104921
Ion Ratio Lower Upper
138 100
92 41.4 29.0 69.0
108 68.0 49.7 89.7

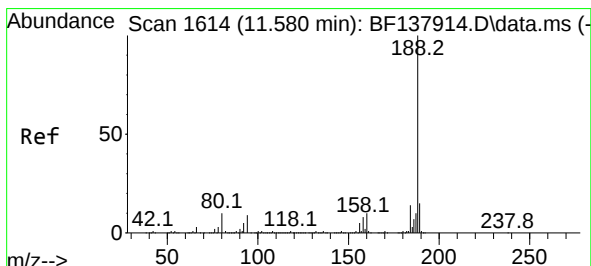
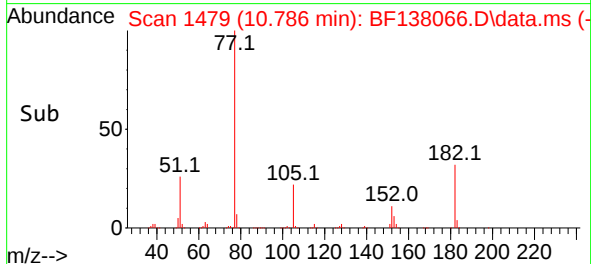
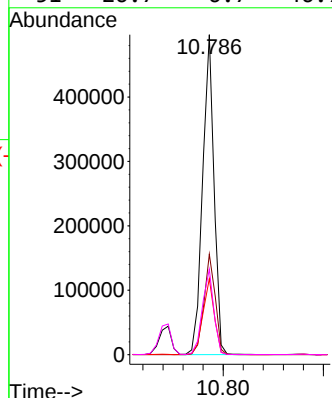
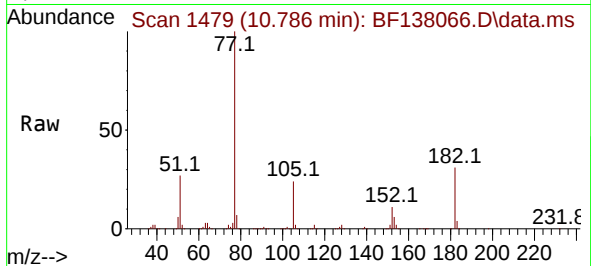




#63
Azobenzene
Concen: 38.714 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

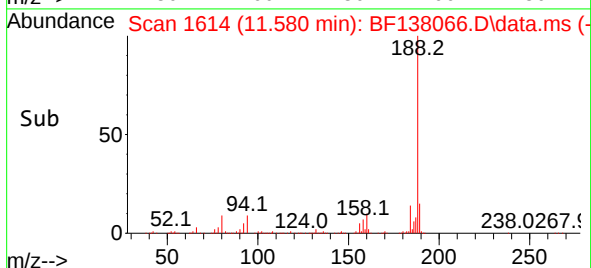
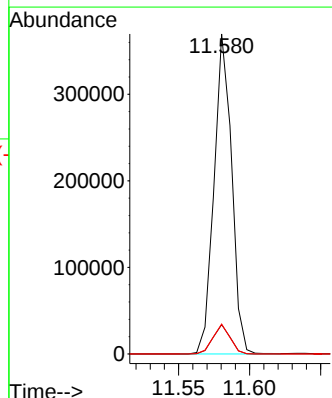
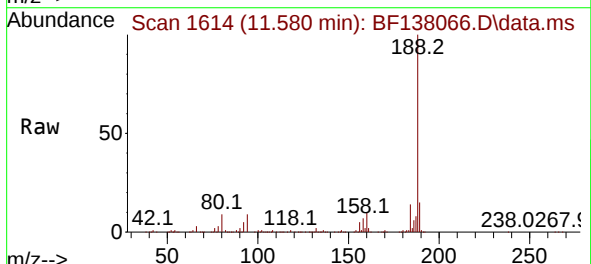
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

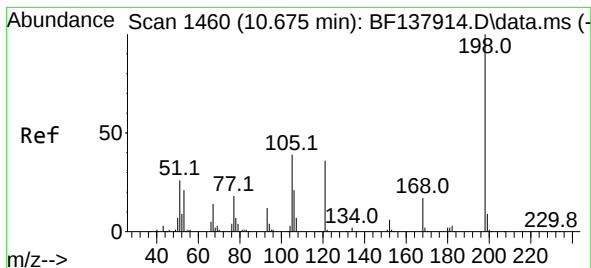
Tgt Ion:	77	Resp:	394299
Ion	Ratio	Lower	Upper
77	100		
182	31.4	9.2	49.2
105	23.8	3.1	43.1
51	26.7	6.7	46.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:	188	Resp:	320046
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	9.3	7.7	11.5

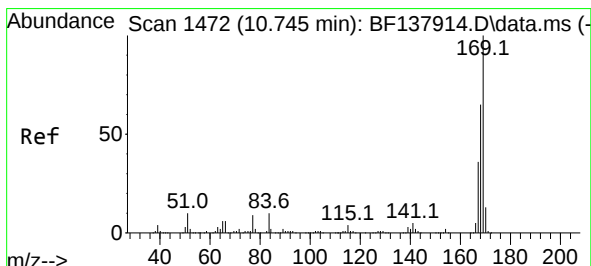
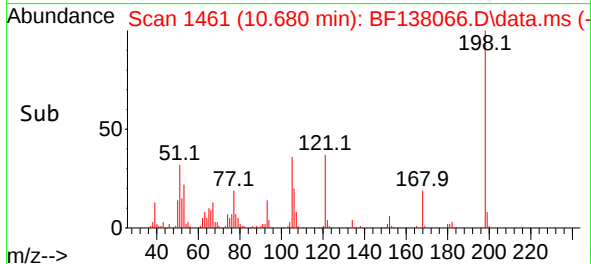
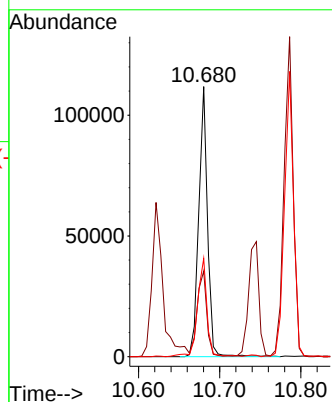
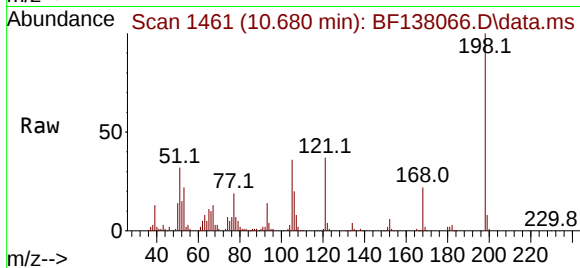




#65
4,6-Dinitro-2-methylphenol
Concen: 45.934 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.005 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

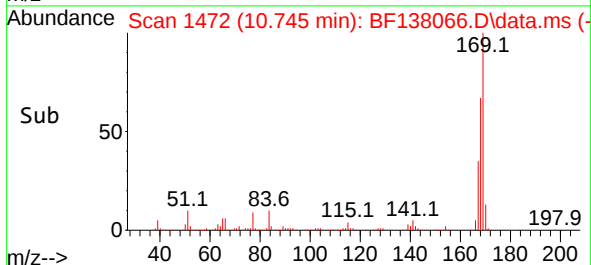
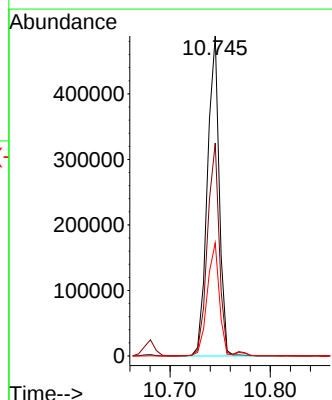
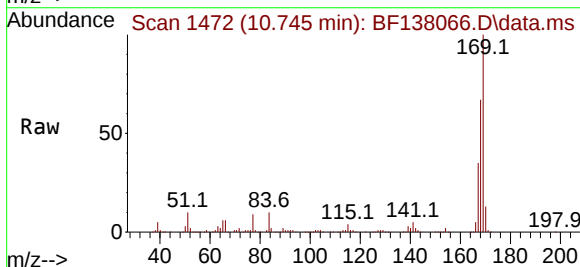
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

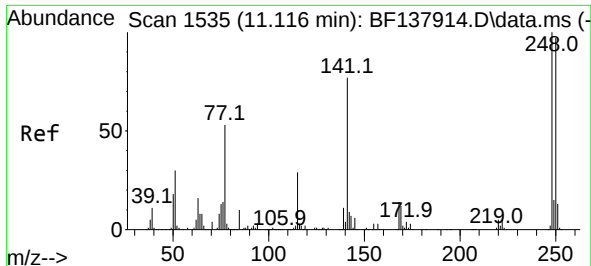
Tgt Ion:198 Resp: 84884
Ion Ratio Lower Upper
198 100
51 31.7 13.8 53.8
105 36.4 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 41.075 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:169 Resp: 403145
Ion Ratio Lower Upper
169 100
168 66.5 52.4 78.6
167 35.4 28.9 43.3

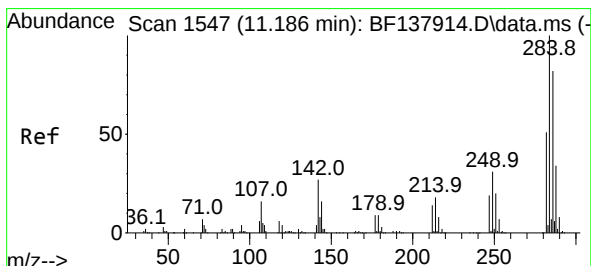
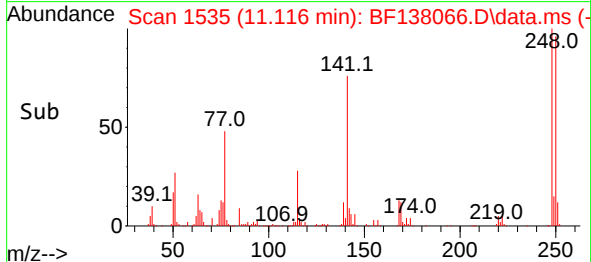
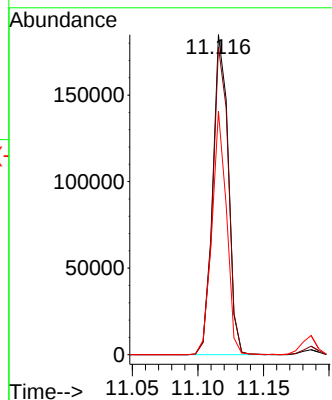
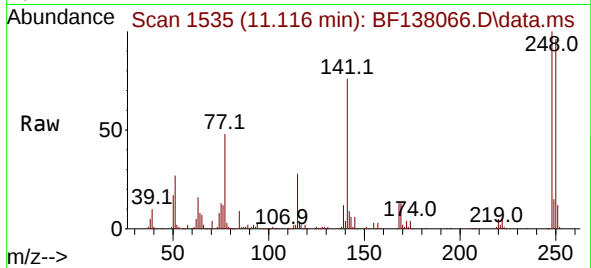




#67
4-Bromophenyl-phenylether
Concen: 43.494 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

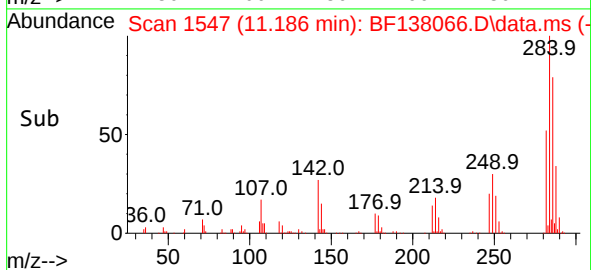
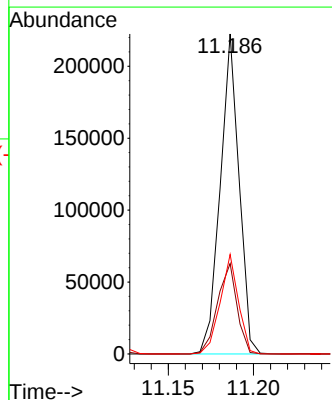
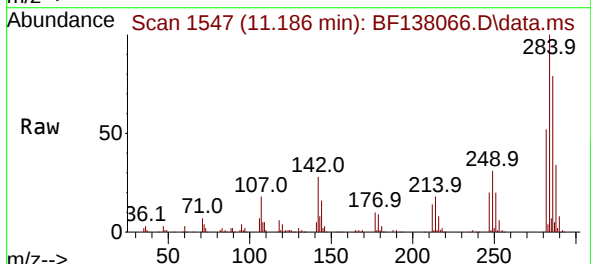
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

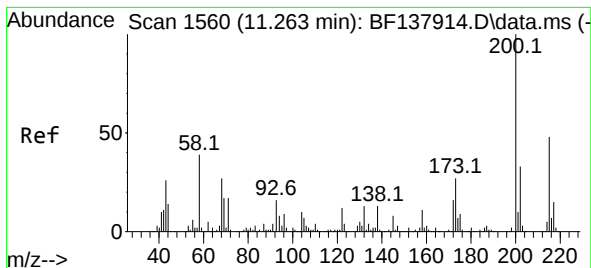
Tgt Ion:248 Resp: 152604
Ion Ratio Lower Upper
248 100
250 96.2 77.6 116.4
141 76.0 61.4 92.2



#68
Hexachlorobenzene
Concen: 44.057 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:284 Resp: 170869
Ion Ratio Lower Upper
284 100
142 28.3 21.3 31.9
249 31.1 24.6 37.0





#69

Atrazine

Concen: 37.874 ng

RT: 11.263 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

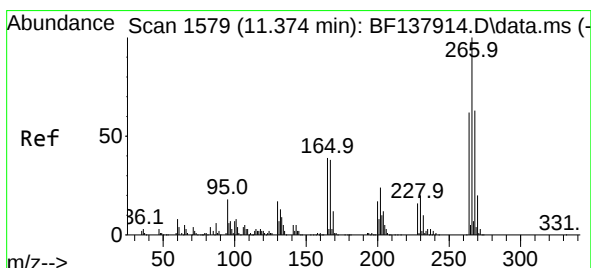
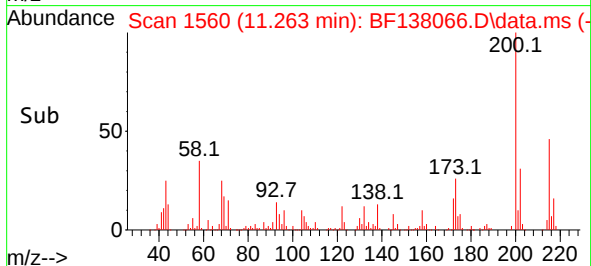
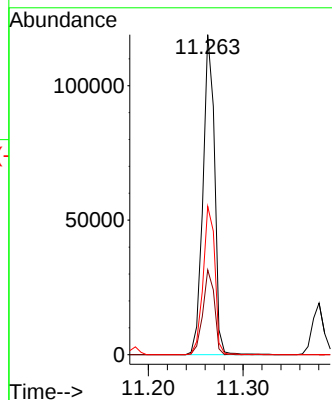
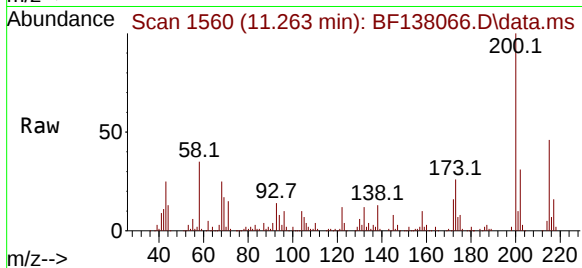
Tgt Ion:200 Resp: 101507

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

215 46.4 27.5 67.5



#70

Pentachlorophenol

Concen: 42.020 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

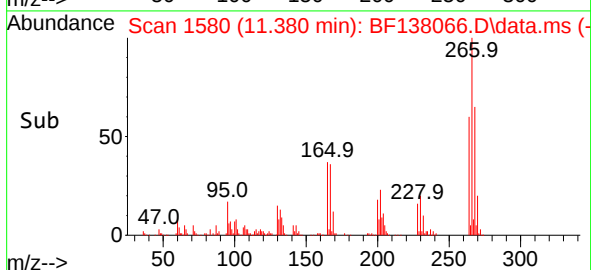
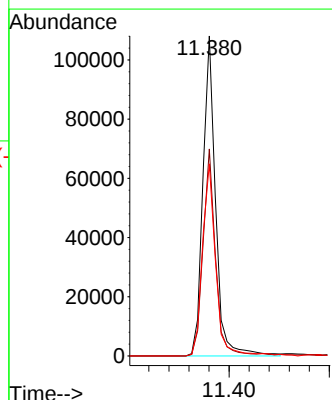
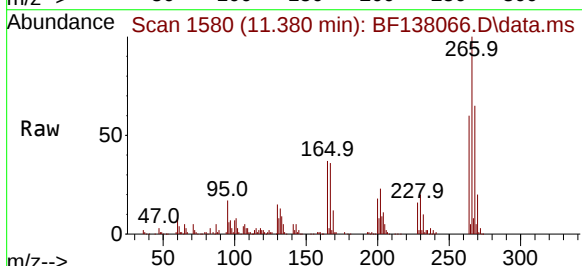
Tgt Ion:266 Resp: 95462

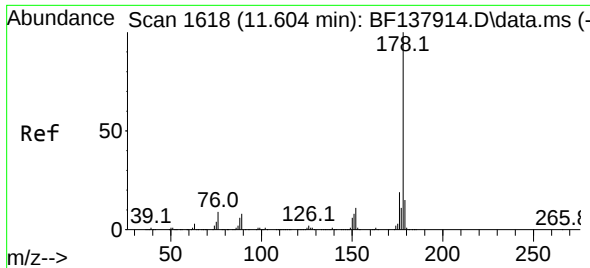
Ion Ratio Lower Upper

266 100

268 64.7 50.1 75.1

264 60.1 49.4 74.2

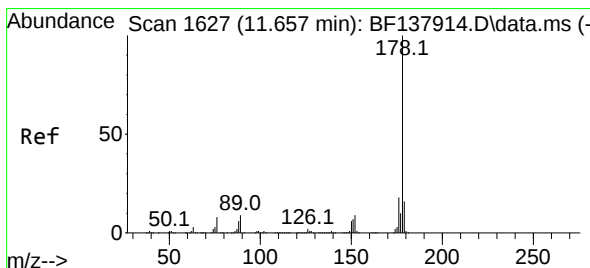
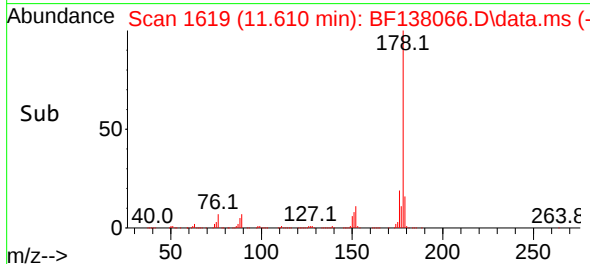
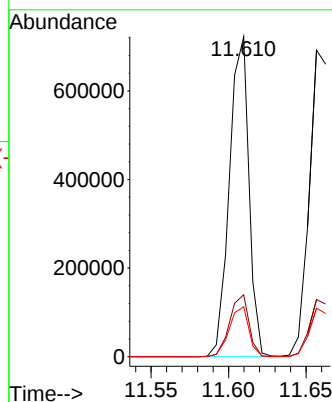
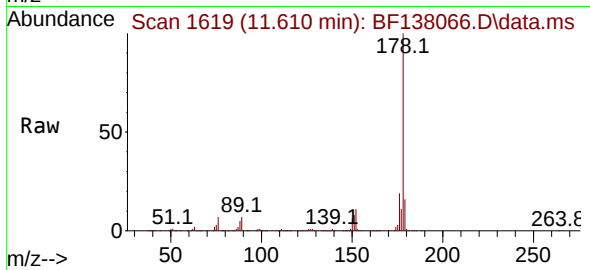




#71
Phenanthrene
Concen: 40.168 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

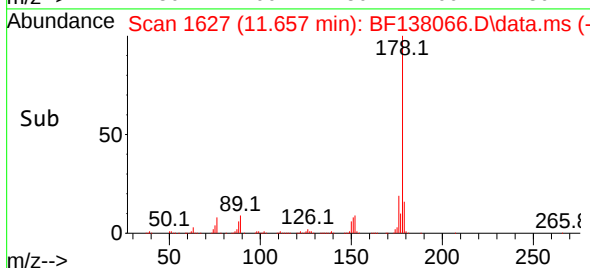
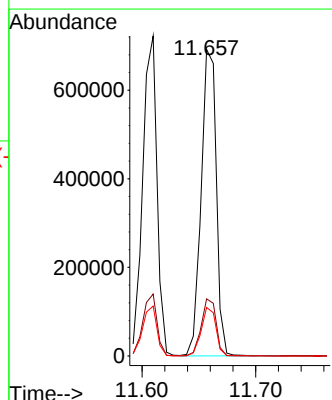
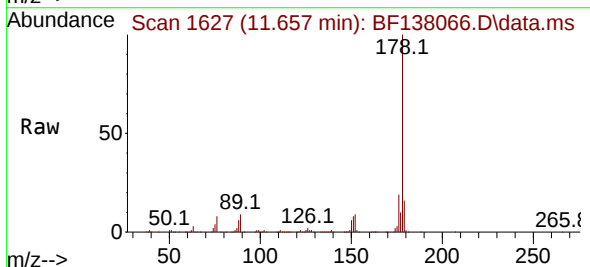
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

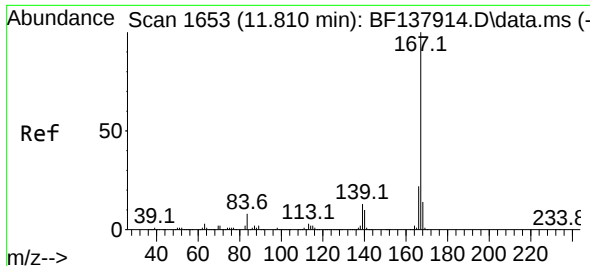
Tgt Ion:178 Resp: 633507
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.6 12.2 18.4



#72
Anthracene
Concen: 40.845 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:178 Resp: 639148
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.8 12.4 18.6

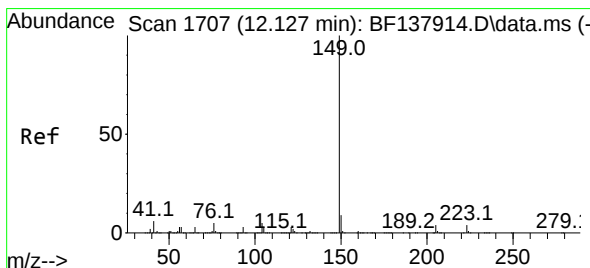
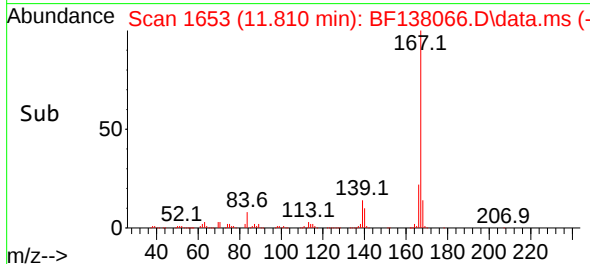
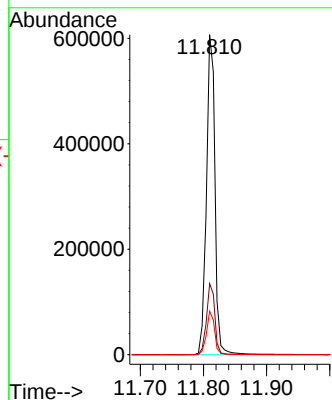
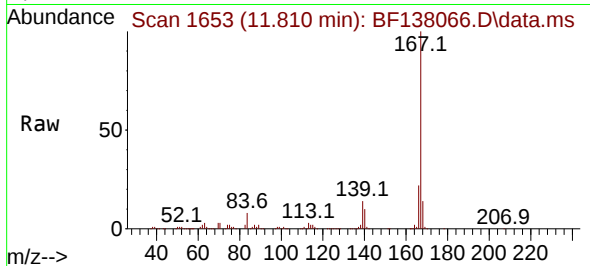




#73
 Carbazole
 Concen: 39.947 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF138066.D
 Acq: 30 May 2024 10:33

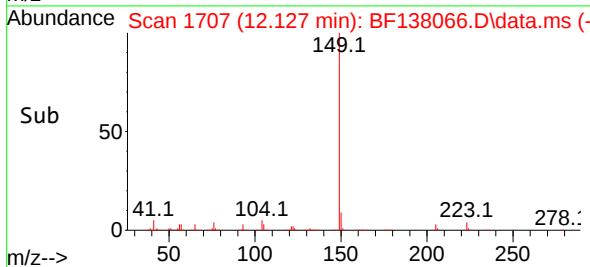
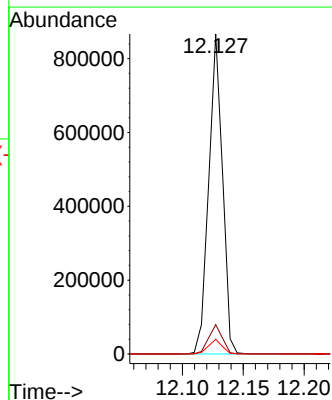
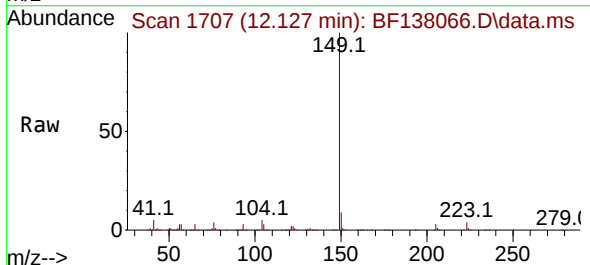
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

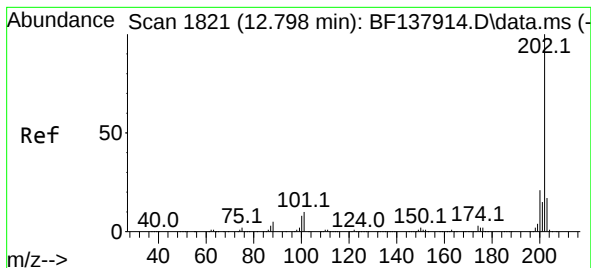
Tgt Ion:167 Resp: 571021
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 13.6 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 42.853 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF138066.D
 Acq: 30 May 2024 10:33

Tgt Ion:149 Resp: 679817
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 39.778 ng

RT: 12.804 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

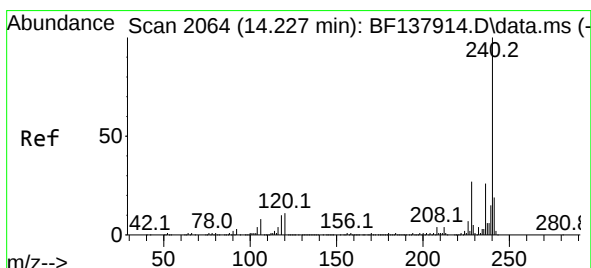
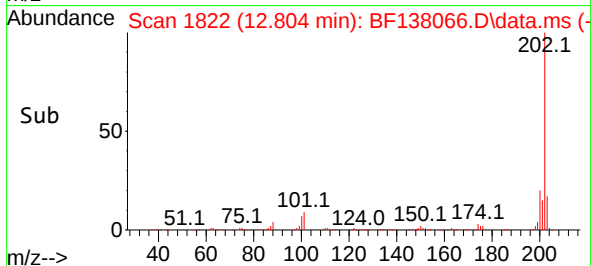
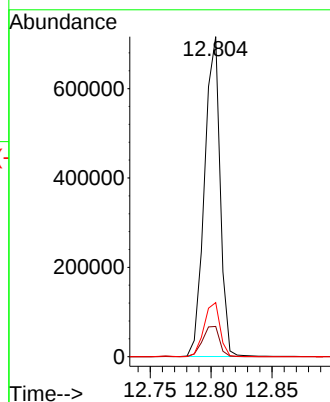
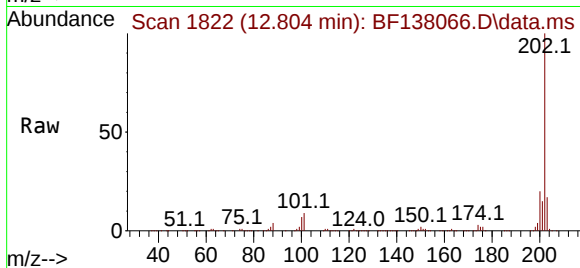
Tgt Ion:202 Resp: 636791

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.5

203 16.9 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

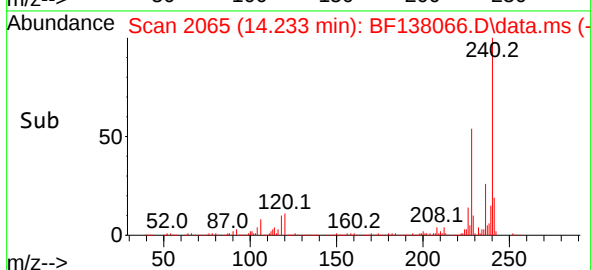
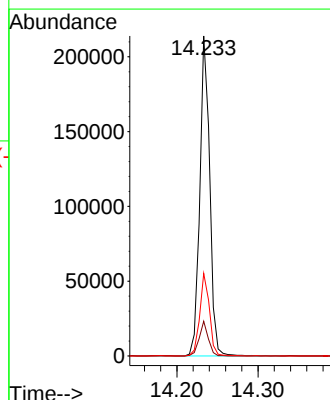
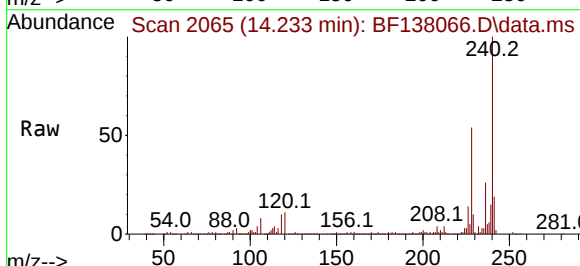
Tgt Ion:240 Resp: 181689

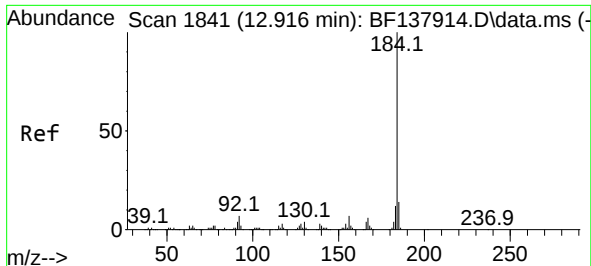
Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.8 21.0 31.4

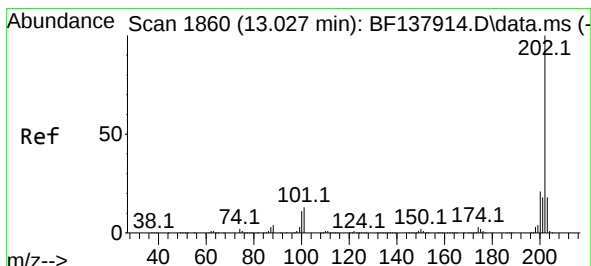
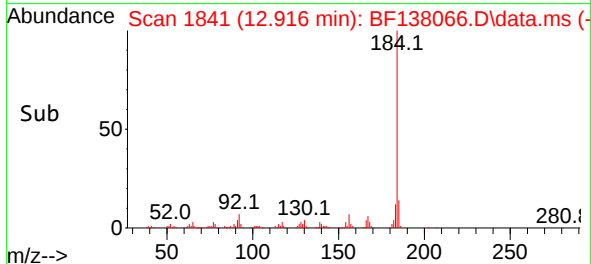
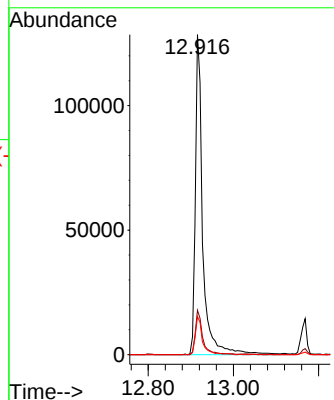
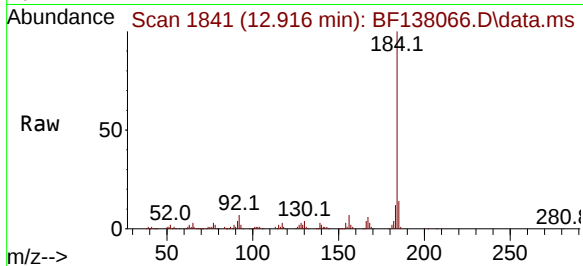




#77
Benzidine
Concen: 64.747 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

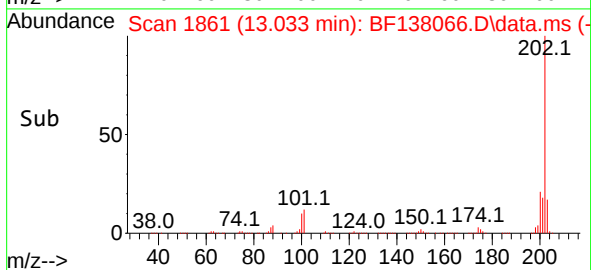
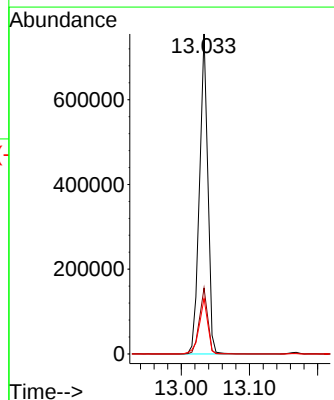
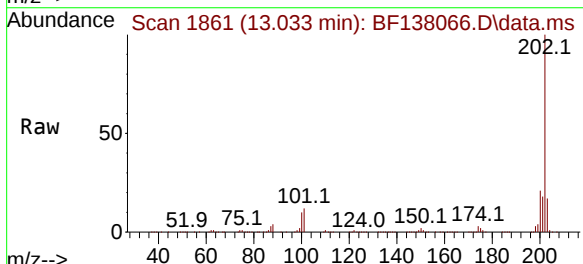
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

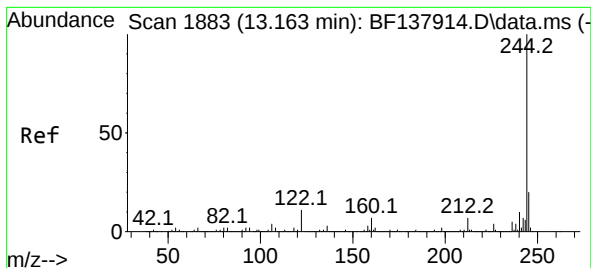
Tgt Ion:184 Resp: 153741
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.2
183 11.9 9.5 14.3



#78
Pyrene
Concen: 40.245 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:202 Resp: 639543
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.4
203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 84.207 ng

RT: 13.168 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

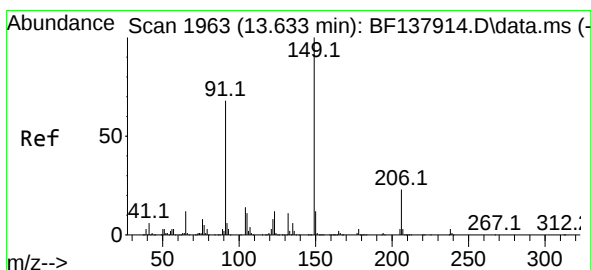
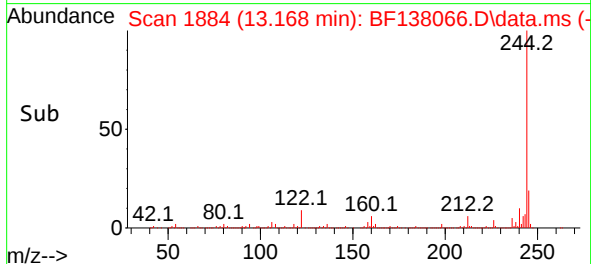
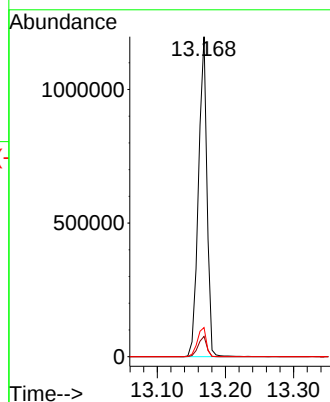
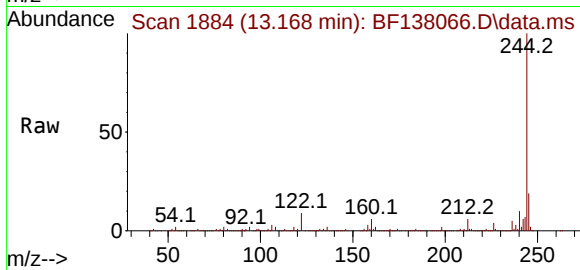
Tgt Ion:244 Resp: 1038101

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 9.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 43.537 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

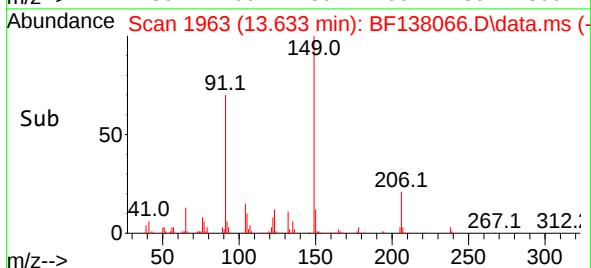
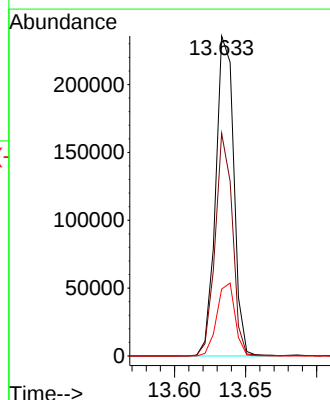
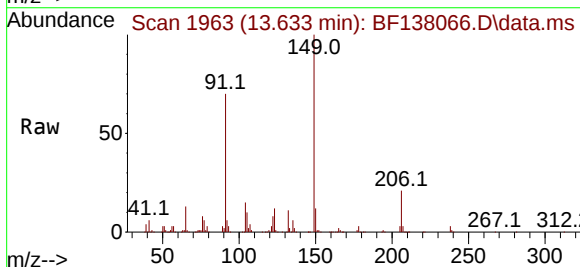
Tgt Ion:149 Resp: 208682

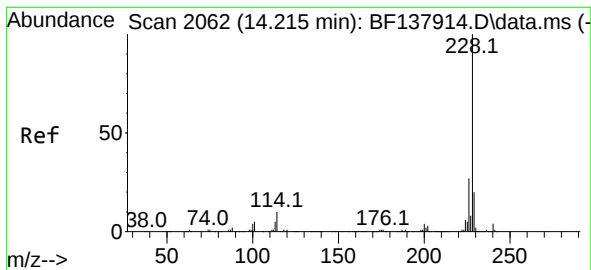
Ion Ratio Lower Upper

149 100

91 69.6 54.2 81.4

206 20.9 18.1 27.1





#81

Benzo(a)anthracene

Concen: 40.556 ng

RT: 14.221 min Scan# 2062

Delta R.T. 0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

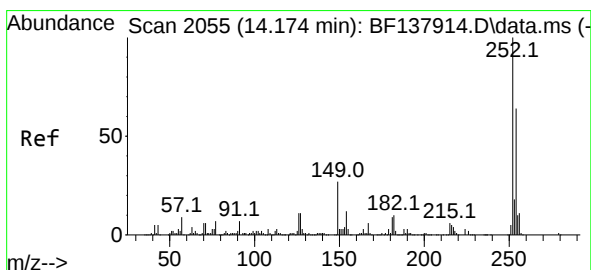
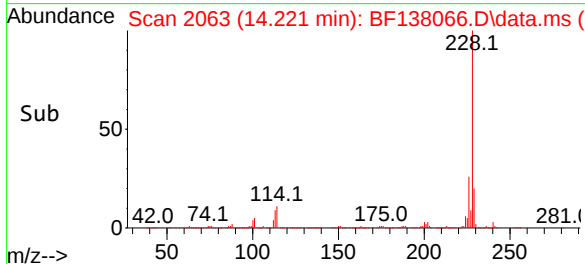
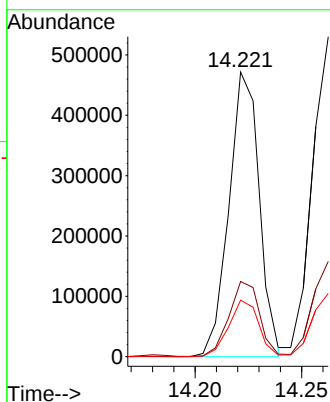
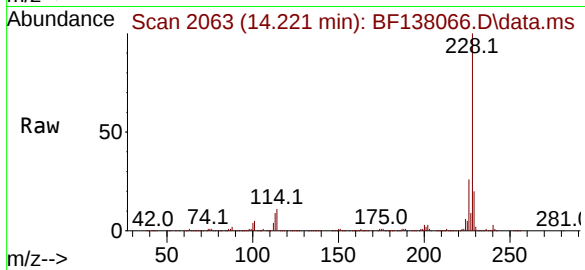
Tgt Ion:228 Resp: 466181

Ion Ratio Lower Upper

228 100

226 26.4 21.3 31.9

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 49.488 ng

RT: 14.180 min Scan# 2056

Delta R.T. 0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

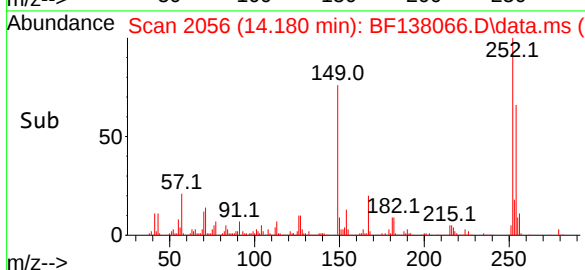
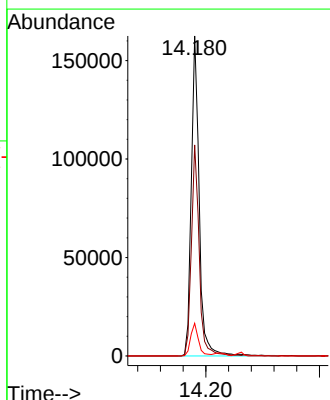
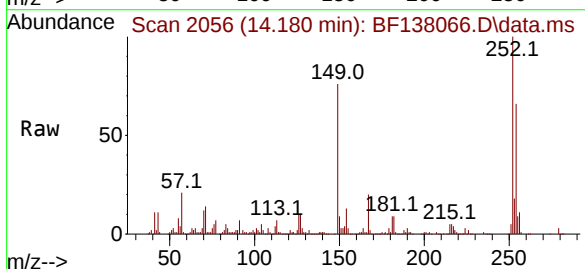
Tgt Ion:252 Resp: 157647

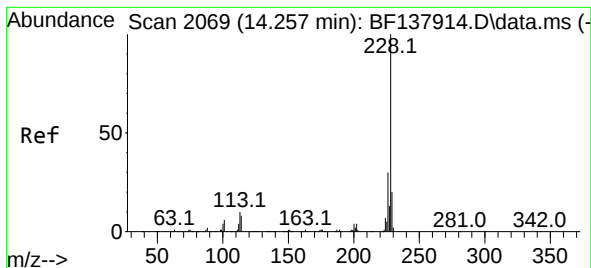
Ion Ratio Lower Upper

252 100

254 65.9 51.2 76.8

126 10.2 8.7 13.1





#83

Chrysene

Concen: 40.447 ng

RT: 14.262 min Scan# 2069

Delta R.T. 0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

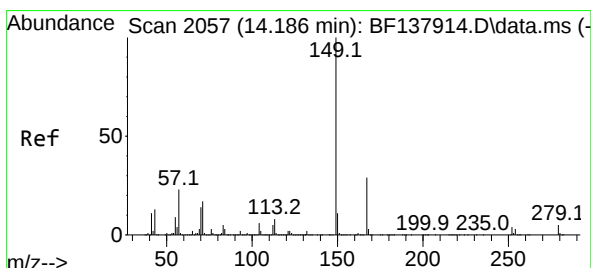
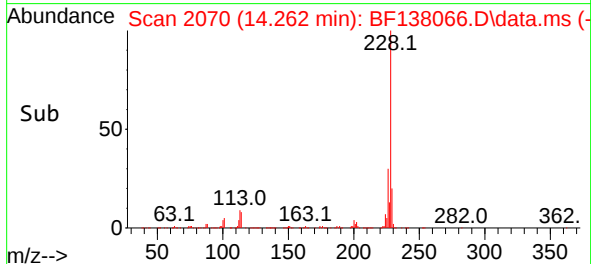
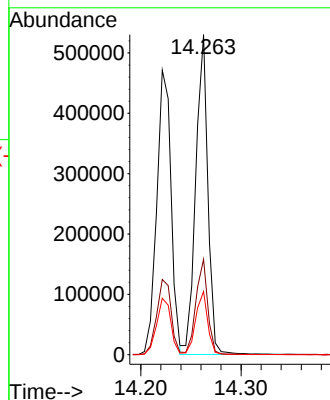
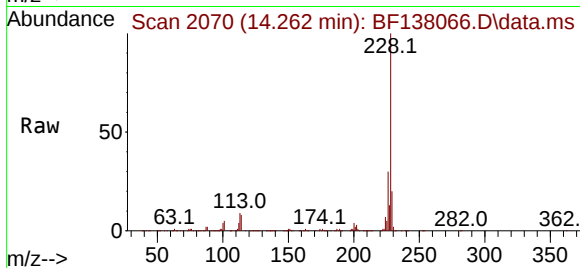
Tgt Ion:228 Resp: 444646

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.101 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

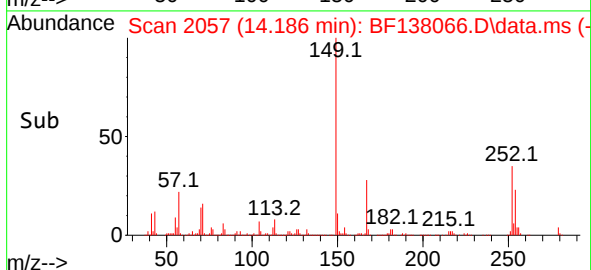
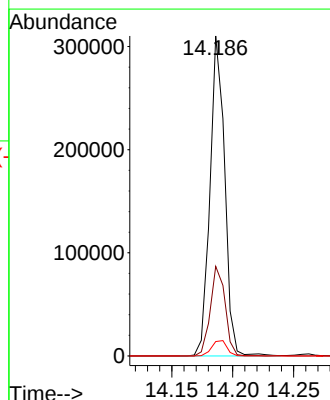
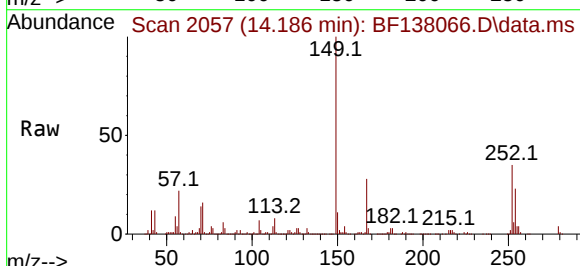
Tgt Ion:149 Resp: 259702

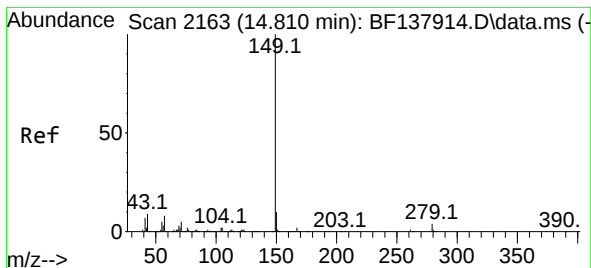
Ion Ratio Lower Upper

149 100

167 28.0 23.2 34.8

279 4.5 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 53.472 ng

RT: 14.815 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

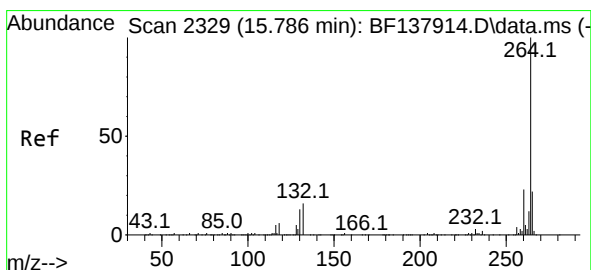
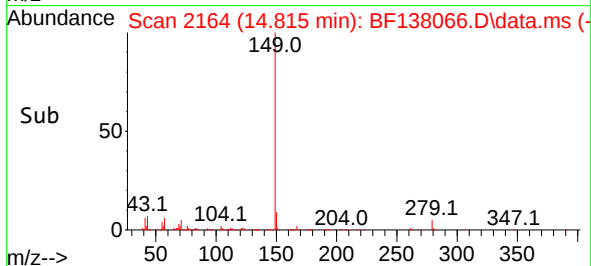
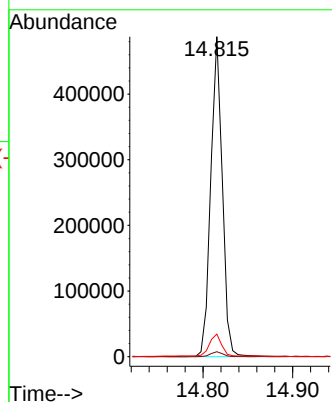
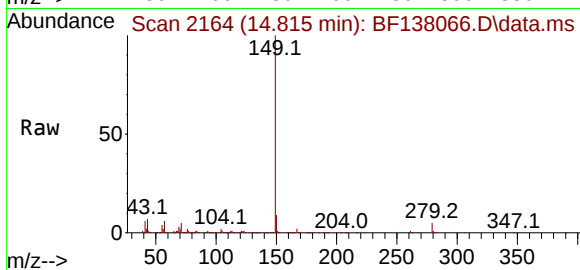
Tgt Ion:149 Resp: 435264

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 7.9 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 2332

Delta R.T. 0.018 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

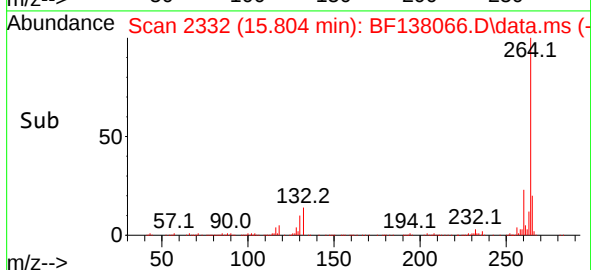
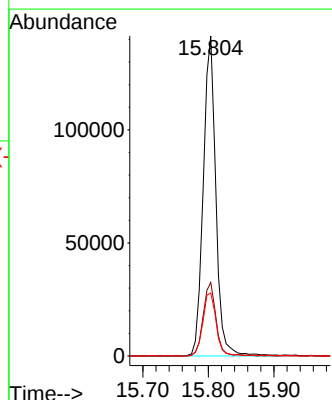
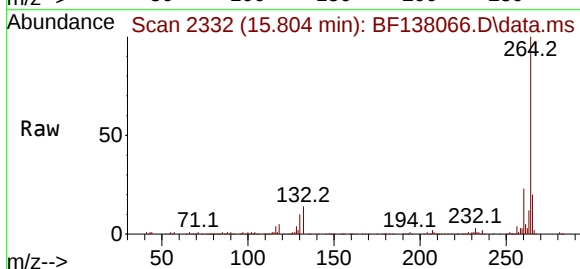
Tgt Ion:264 Resp: 189394

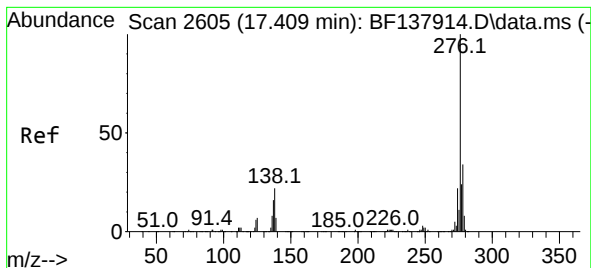
Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 19.6 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.127 ng

RT: 17.445 min Scan# 2

Delta R.T. 0.035 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

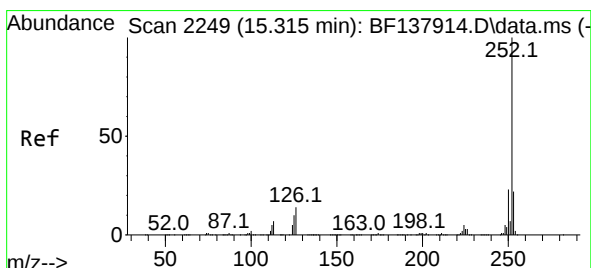
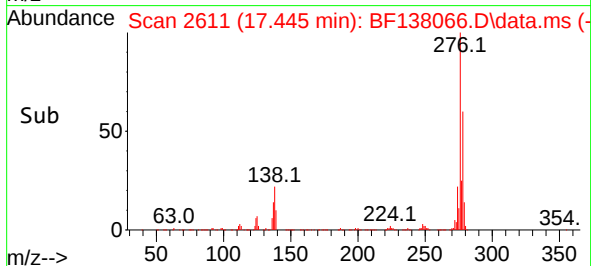
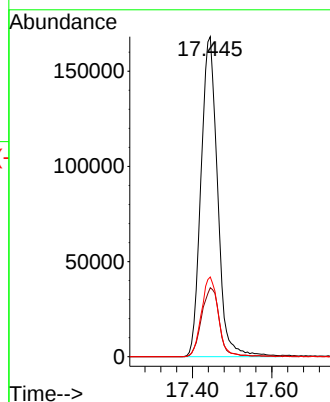
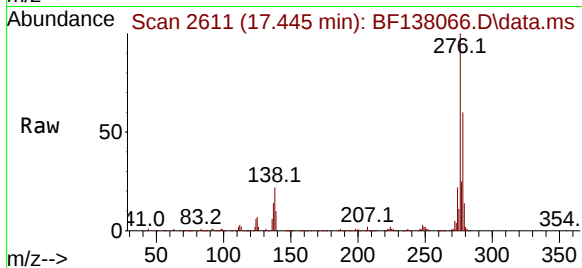
Tgt Ion:276 Resp: 488272

Ion Ratio Lower Upper

276 100

138 23.0 20.6 30.8

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.108 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.012 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

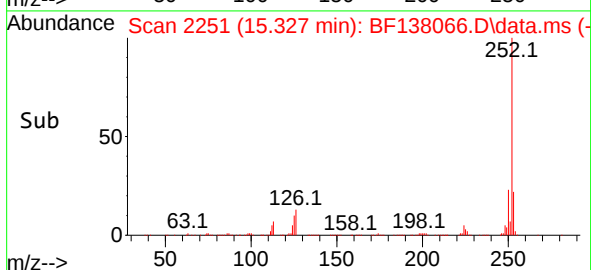
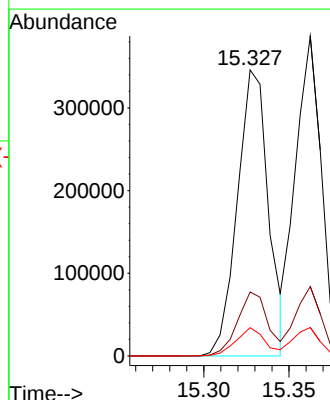
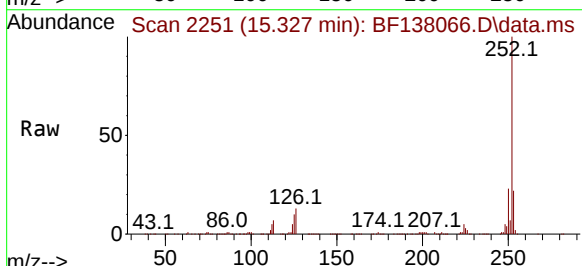
Tgt Ion:252 Resp: 439820

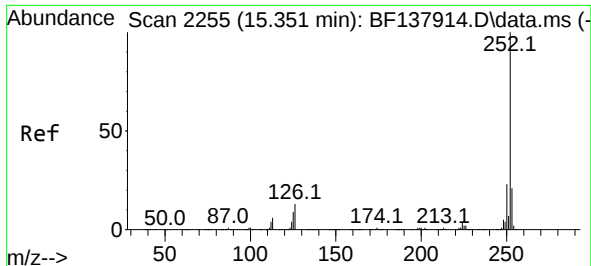
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 9.9 8.2 12.4

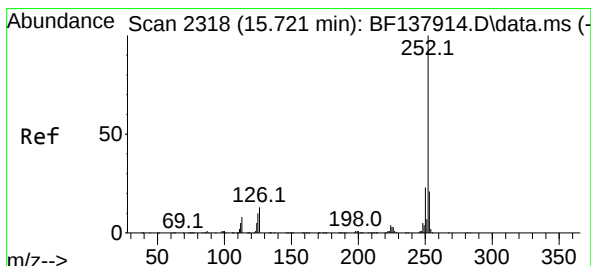
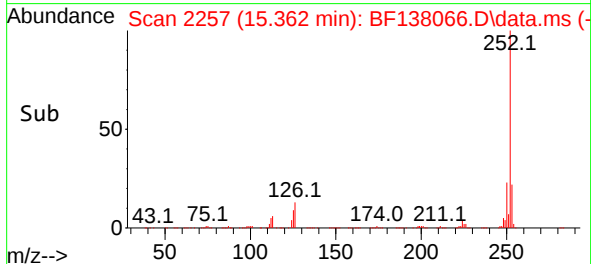
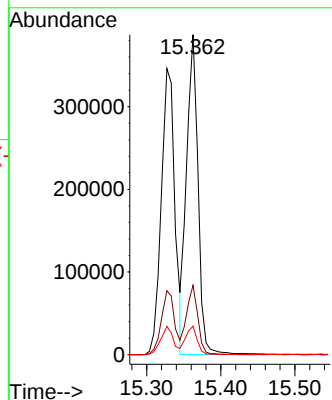
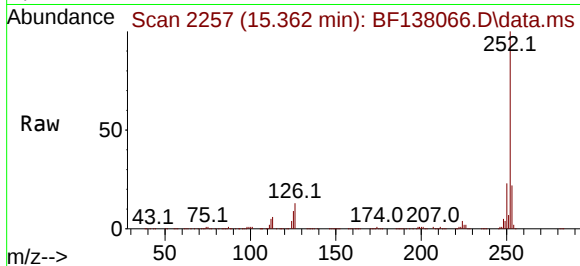




#89
Benzo(k)fluoranthene
Concen: 38.945 ng
RT: 15.362 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

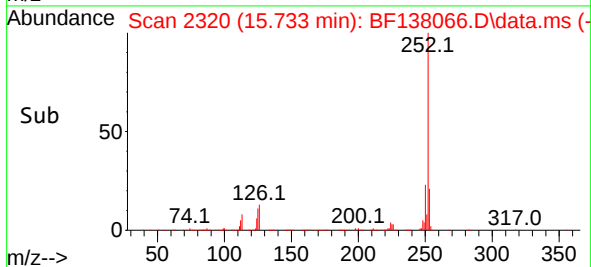
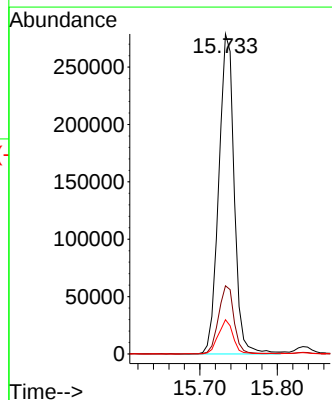
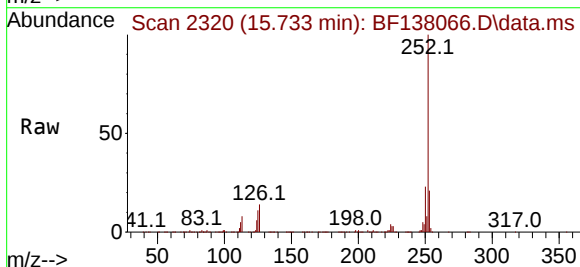
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

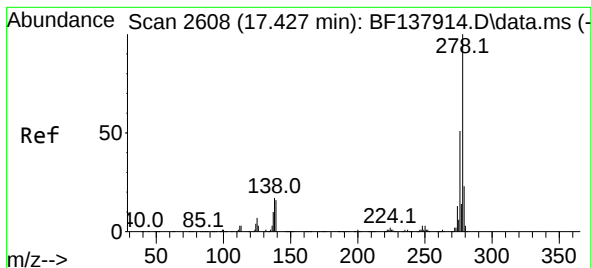
Tgt Ion:252 Resp: 419553
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.338 ng
RT: 15.733 min Scan# 2320
Delta R.T. 0.012 min
Lab File: BF138066.D
Acq: 30 May 2024 10:33

Tgt Ion:252 Resp: 387089
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 10.7 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 39.513 ng

RT: 17.456 min Scan# 2613

Delta R.T. 0.029 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

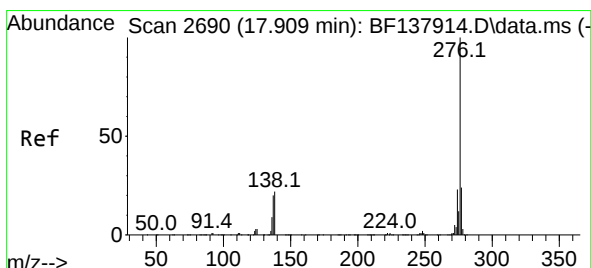
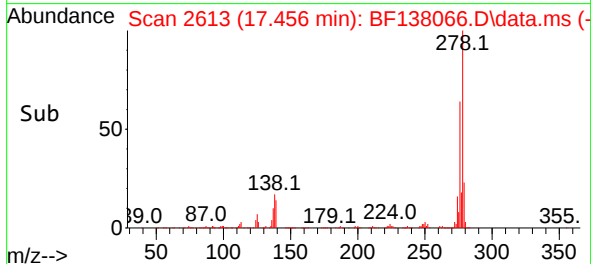
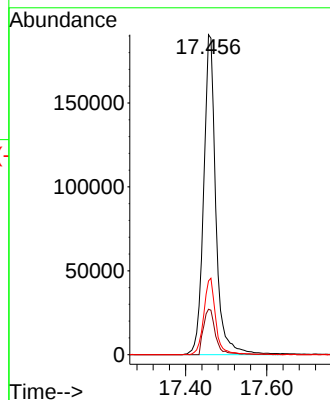
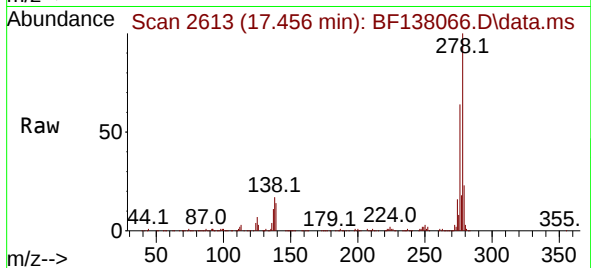
Tgt Ion:278 Resp: 397238

Ion Ratio Lower Upper

278 100

139 14.2 13.1 19.7

279 23.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 38.796 ng

RT: 17.939 min Scan# 2695

Delta R.T. 0.029 min

Lab File: BF138066.D

Acq: 30 May 2024 10:33

Tgt Ion:276 Resp: 409728

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 19.8 17.6 26.4

