

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138018.D
 Acq On : 23 May 2024 10:17
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 23 11:04:10 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	7.040	152	142056	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	542825	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	312072	20.000	ng	0.00
64) Phenanthrene-d10	11.581	188	524125	20.000	ng	0.00
76) Chrysene-d12	14.233	240	285140	20.000	ng	0.00
86) Perylene-d12	15.798	264	273842	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	647452	77.420	ng	0.00
7) Phenol-d6	6.657	99	806991	78.335	ng	0.00
23) Nitrobenzene-d5	7.604	82	756703	82.038	ng	0.00
42) 2,4,6-Tribromophenol	10.881	330	270672	86.020	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1592175	78.590	ng	0.00
79) Terphenyl-d14	13.169	244	1643422	84.943	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.928	88	136693	37.730	ng	99
3) Pyridine	3.705	79	335448	41.266	ng	97
4) n-Nitrosodimethylamine	3.669	42	135927	37.904	ng	96
6) Aniline	6.698	93	403658	43.808	ng	100
8) 2-Chlorophenol	6.822	128	363371	40.150	ng	99
9) Benzaldehyde	6.593	77	232225	41.666	ng	99
10) Phenol	6.669	94	408905	39.325	ng	94
11) bis(2-Chloroethyl)ether	6.769	93	321126	40.222	ng	99
12) 1,3-Dichlorobenzene	6.981	146	415575	39.687	ng	99
13) 1,4-Dichlorobenzene	7.057	146	419356	39.898	ng	98
14) 1,2-Dichlorobenzene	7.210	146	389321	39.356	ng	98
15) Benzyl Alcohol	7.175	79	297469	43.243	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.304	45	397696	40.523	ng	99
17) 2-Methylphenol	7.275	107	289577	40.121	ng	99
18) Hexachloroethane	7.551	117	144684	40.679	ng	96
19) n-Nitroso-di-n-propyla...	7.446	70	239135	41.317	ng	99
20) 3+4-Methylphenols	7.428	107	379871	40.175	ng	97
22) Acetophenone	7.446	105	487437	40.085	ng	100
24) Nitrobenzene	7.622	77	379163	40.521	ng	99
25) Isophorone	7.857	82	662422	41.379	ng	96
26) 2-Nitrophenol	7.934	139	202790	43.131	ng	99
27) 2,4-Dimethylphenol	7.957	122	250299	41.349	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	401172	41.348	ng	99
29) 2,4-Dichlorophenol	8.169	162	317693	41.735	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	344601	40.546	ng	99
31) Naphthalene	8.345	128	1102988	40.412	ng	99
32) Benzoic acid	8.075	122	238966	46.700	ng	98
33) 4-Chloroaniline	8.387	127	390925	43.692	ng	99
34) Hexachlorobutadiene	8.451	225	222639	41.386	ng	98
35) Caprolactam	8.763	113	95416	43.266	ng	91
36) 4-Chloro-3-methylphenol	8.863	107	326981	42.227	ng	99
37) 2-Methylnaphthalene	9.034	142	721905	41.148	ng	99
38) 1-Methylnaphthalene	9.134	142	710136	41.173	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	344427	40.597	ng	99
41) Hexachlorocyclopentadiene	9.187	237	133369	41.371	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	231675	41.648	ng	99

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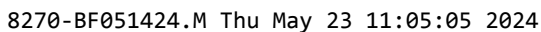
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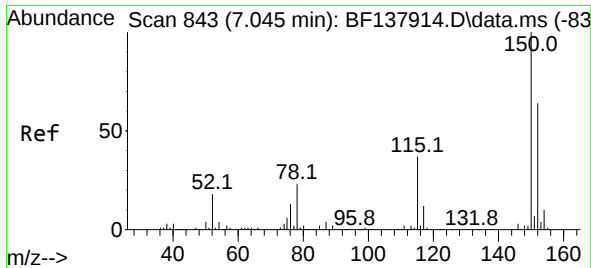
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 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	250905	41.222	ng	99
46) 1,1'-Biphenyl	9.498	154	878199	40.122	ng	98
47) 2-Chloronaphthalene	9.528	162	702462	40.203	ng	97
48) 2-Nitroaniline	9.622	65	183469	41.005	ng	96
49) Acenaphthylene	9.945	152	1009821	40.194	ng	99
50) Dimethylphthalate	9.798	163	808282	41.303	ng	99
51) 2,6-Dinitrotoluene	9.863	165	190937	42.511	ng	97
52) Acenaphthene	10.122	154	684111	41.199	ng	99
53) 3-Nitroaniline	10.034	138	180629	41.137	ng	97
54) 2,4-Dinitrophenol	10.139	184	96555	43.294	ng	# 81
55) Dibenzofuran	10.292	168	978632	40.496	ng	99
56) 4-Nitrophenol	10.181	139	134049	42.506	ng	99
57) 2,4-Dinitrotoluene	10.269	165	247301	42.591	ng	94
58) Fluorene	10.639	166	778343	40.720	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	202681	42.388	ng	99
60) Diethylphthalate	10.498	149	764568	41.833	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	391089	41.489	ng	99
62) 4-Nitroaniline	10.651	138	172397	41.396	ng	100
63) Azobenzene	10.786	77	677995	40.783	ng	99
65) 4,6-Dinitro-2-methylph...	10.681	198	139259	46.016	ng	92
66) n-Nitrosodiphenylamine	10.745	169	654381	40.712	ng	98
67) 4-Bromophenyl-phenylether	11.116	248	242746	42.247	ng	97
68) Hexachlorobenzene	11.186	284	264147	41.589	ng	97
69) Atrazine	11.263	200	173317	39.488	ng	98
70) Pentachlorophenol	11.375	266	164426	44.195	ng	99
71) Phenanthrene	11.604	178	1029630	39.864	ng	99
72) Anthracene	11.657	178	1035185	40.395	ng	99
73) Carbazole	11.810	167	935159	39.948	ng	100
74) Di-n-butylphthalate	12.128	149	1150515	44.285	ng	100
75) Fluoranthene	12.798	202	1057033	40.320	ng	99
77) Benzidine	12.916	184	248437	66.668	ng	99
78) Pyrene	13.033	202	1037257	41.591	ng	99
80) Butylbenzylphthalate	13.633	149	363016	48.258	ng	97
81) Benzo(a)anthracene	14.222	228	746454	41.378	ng	100
82) 3,3'-Dichlorobenzidine	14.180	252	232247	46.455	ng	99
83) Chrysene	14.257	228	712136	41.277	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	451058	47.700	ng	98
85) Di-n-octyl phthalate	14.816	149	662232	51.839	ng	99
87) Indeno(1,2,3-cd)pyrene	17.427	276	725813	41.254	ng	100
88) Benzo(b)fluoranthene	15.327	252	638860	40.292	ng	98
89) Benzo(k)fluoranthene	15.357	252	622888	39.989	ng	99
90) Benzo(a)pyrene	15.727	252	560038	41.364	ng	97
91) Dibenzo(a,h)anthracene	17.445	278	593461	40.827	ng	99
92) Benzo(g,h,i)perylene	17.927	276	610989	40.012	ng	100

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

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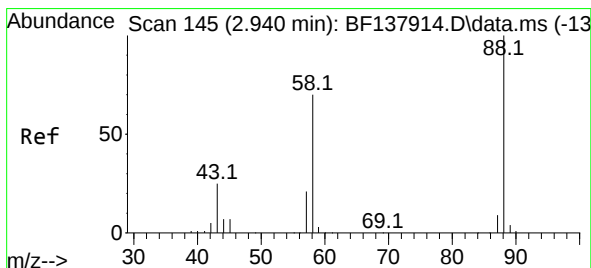
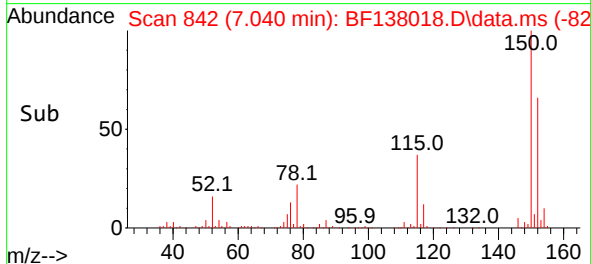
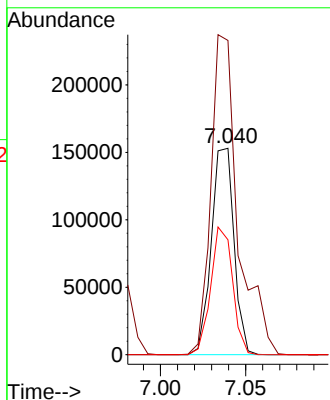
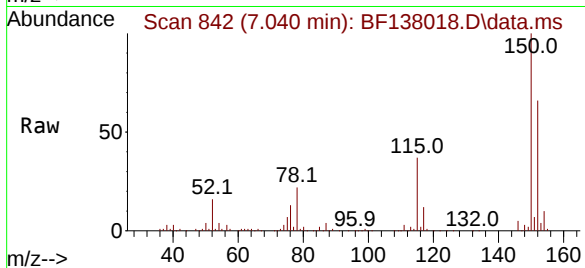




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.040 min Scan# 84
 Delta R.T. -0.005 min
 Lab File: BF138018.D
 Acq: 23 May 2024 10:17

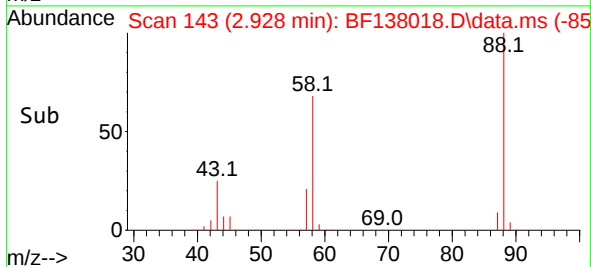
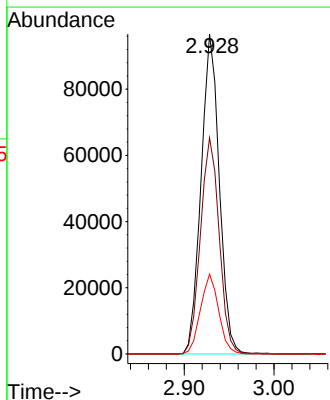
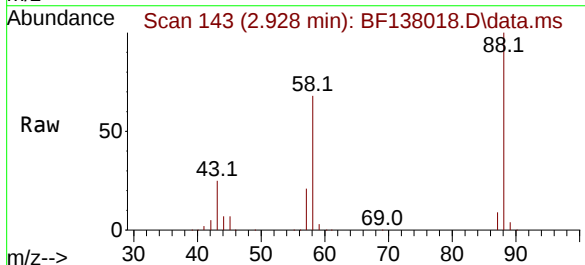
Instrument :
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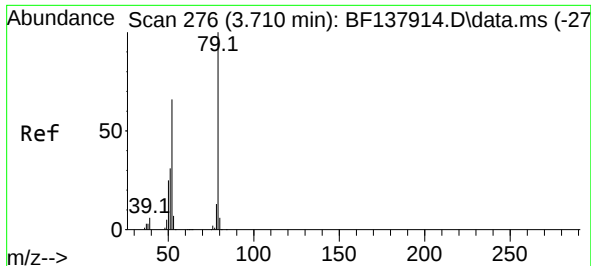
Tgt Ion:152 Resp: 142056
 Ion Ratio Lower Upper
 152 100
 150 152.2 125.7 188.5
 115 55.6 47.0 70.6



#2
 1,4-Dioxane
 Concen: 37.730 ng
 RT: 2.928 min Scan# 143
 Delta R.T. -0.012 min
 Lab File: BF138018.D
 Acq: 23 May 2024 10:17

Tgt Ion: 88 Resp: 136693
 Ion Ratio Lower Upper
 88 100
 58 69.3 54.4 81.6
 43 24.8 19.6 29.4





#3

Pyridine

Concen: 41.266 ng

RT: 3.705 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

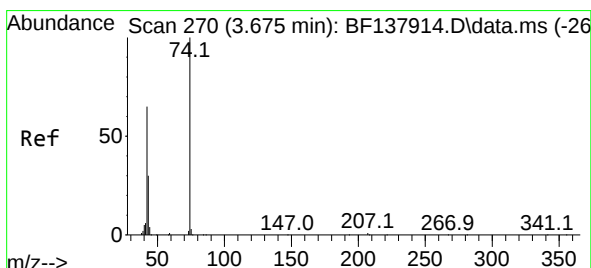
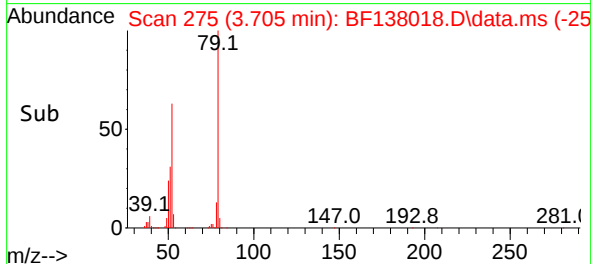
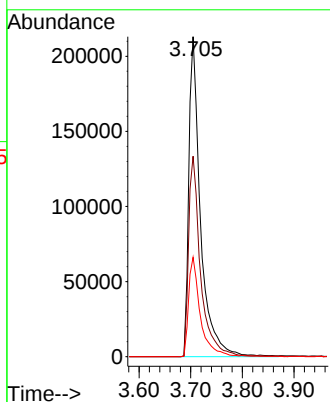
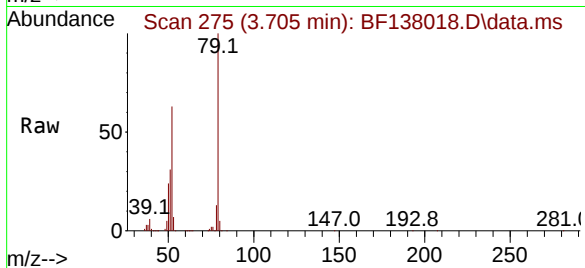
Tgt Ion: 79 Resp: 335448

Ion Ratio Lower Upper

79 100

52 62.7 52.5 78.7

51 31.1 25.1 37.7



#4

n-Nitrosodimethylamine

Concen: 37.904 ng

RT: 3.669 min Scan# 269

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

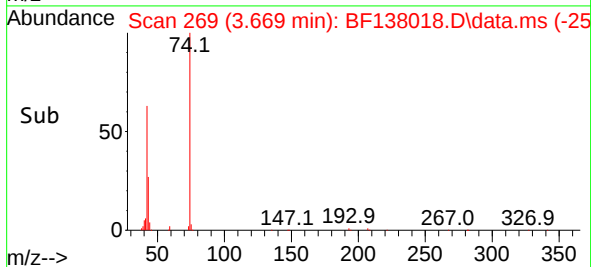
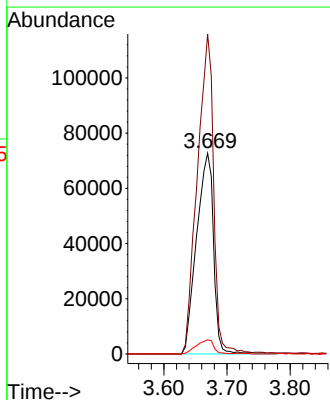
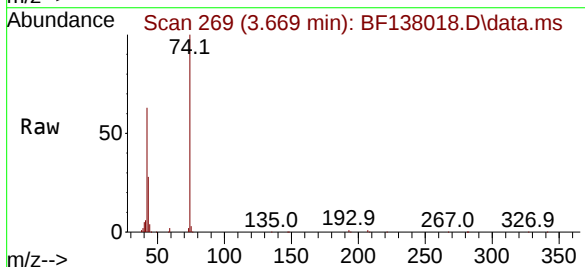
Tgt Ion: 42 Resp: 135927

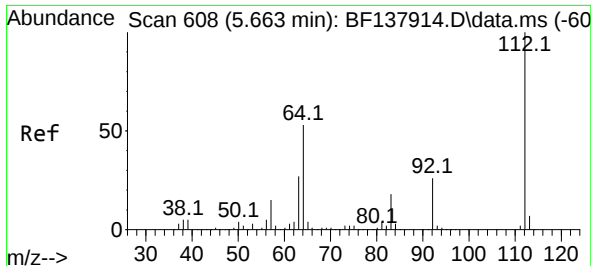
Ion Ratio Lower Upper

42 100

74 159.3 123.1 184.7

44 7.0 5.0 7.6

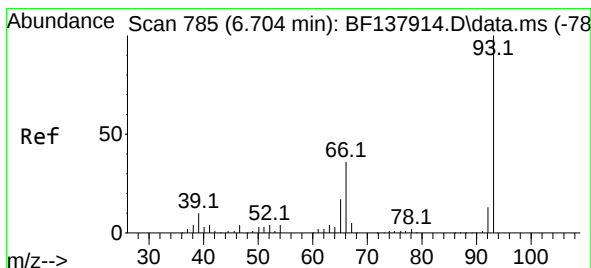
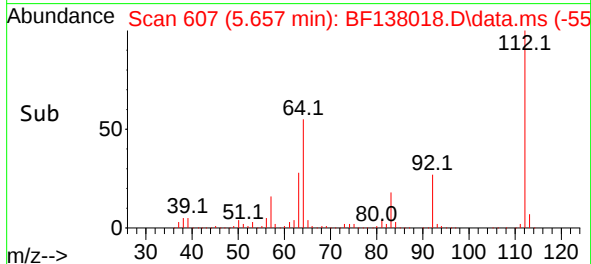
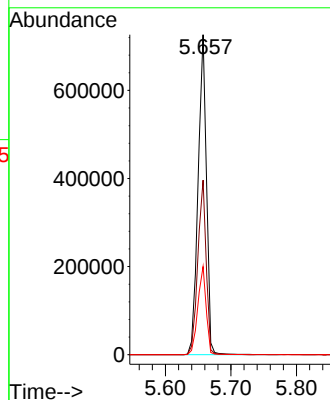
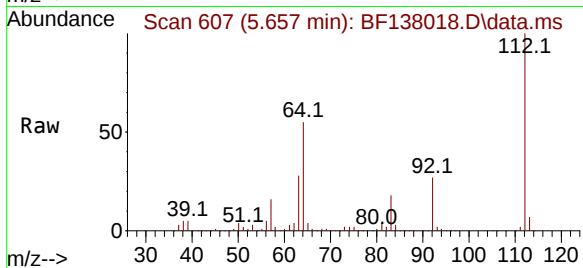




#5
2-Fluorophenol
Concen: 77.420 ng
RT: 5.657 min Scan# 608
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

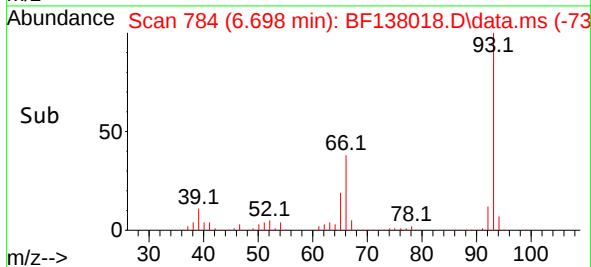
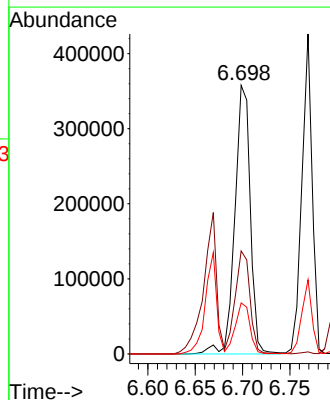
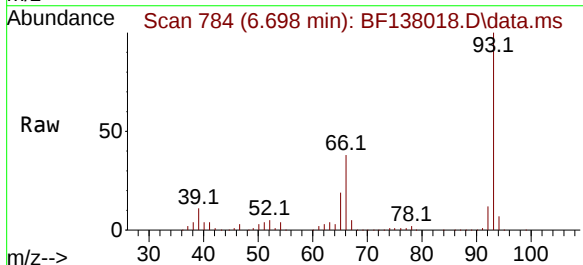
Instrument :
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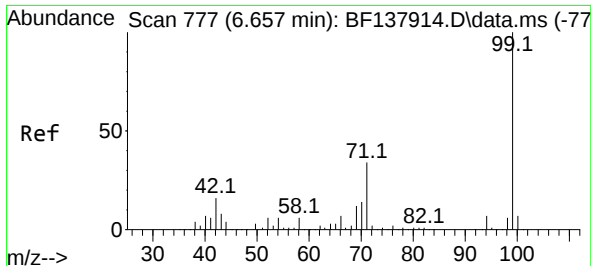
Tgt Ion:112 Resp: 647452
Ion Ratio Lower Upper
112 100
64 54.6 42.4 63.6
63 27.6 21.4 32.2



#6
Aniline
Concen: 43.808 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion: 93 Resp: 403658
Ion Ratio Lower Upper
93 100
66 38.3 30.7 46.1
65 19.0 15.0 22.4

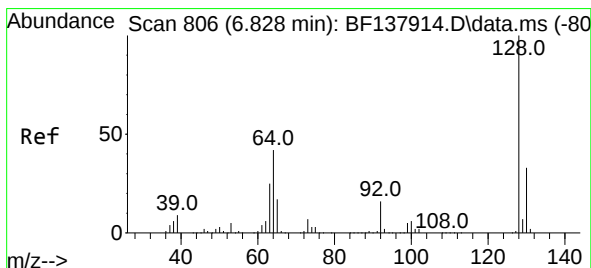
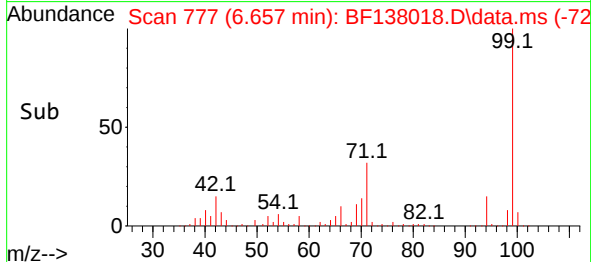
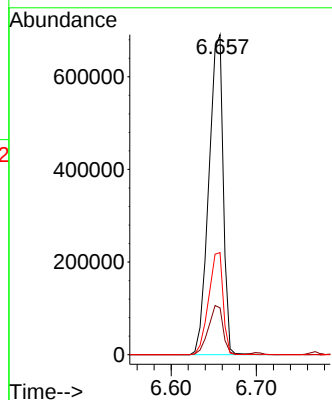
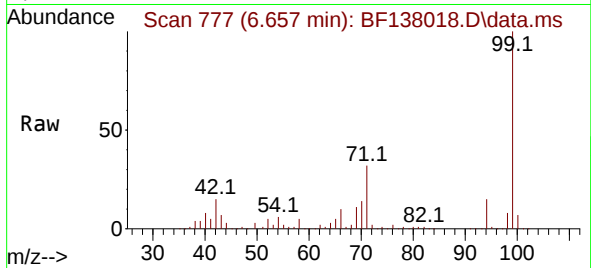




#7
Phenol-d6
Concen: 78.335 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

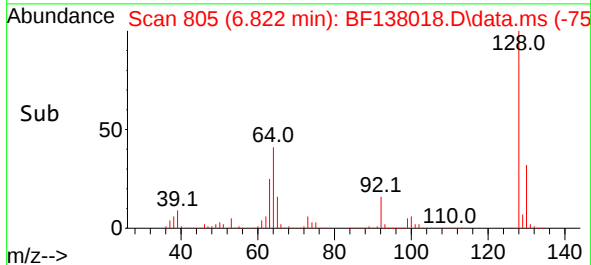
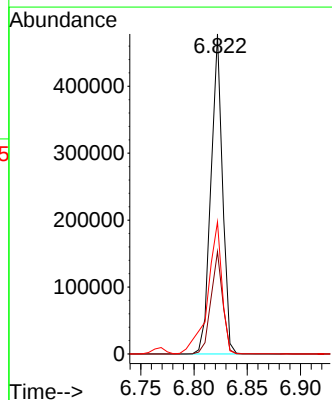
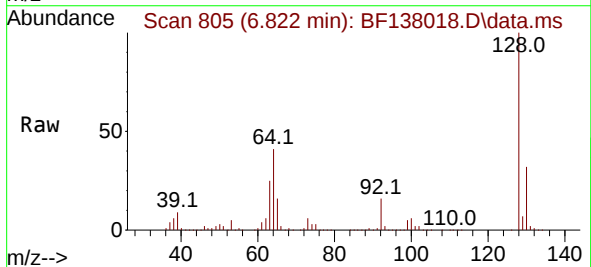
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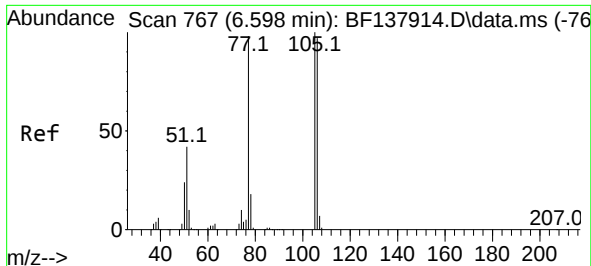
Tgt Ion: 99 Resp: 806991
Ion Ratio Lower Upper
99 100
42 14.7 12.6 18.8
71 31.9 27.1 40.7



#8
2-Chlorophenol
Concen: 40.150 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion: 128 Resp: 363371
Ion Ratio Lower Upper
128 100
130 31.9 12.8 52.8
64 41.3 22.2 62.2

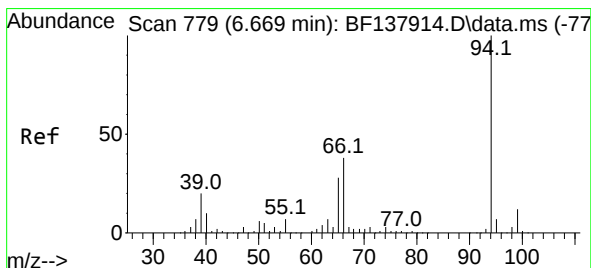
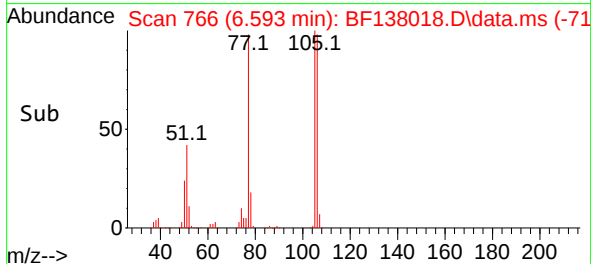
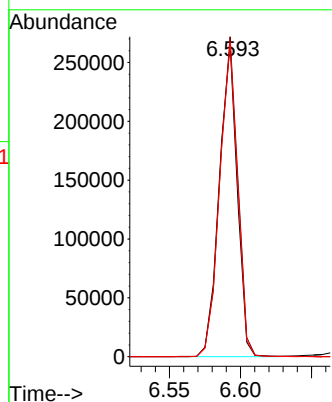
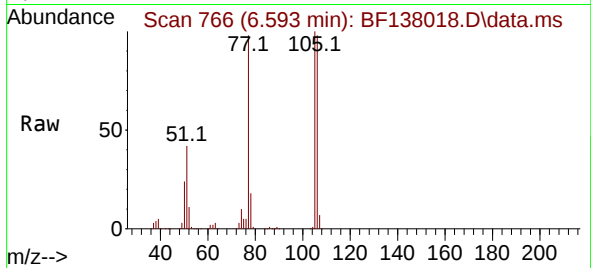




#9
Benzaldehyde
Concen: 41.666 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.005 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

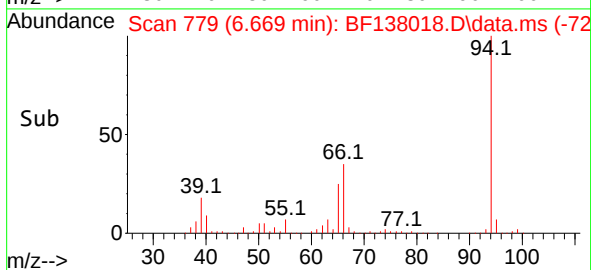
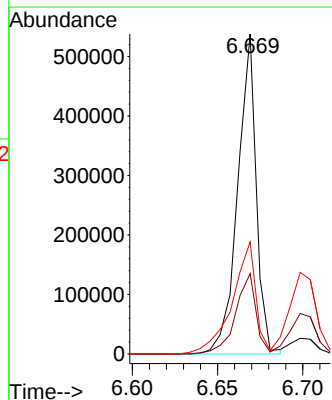
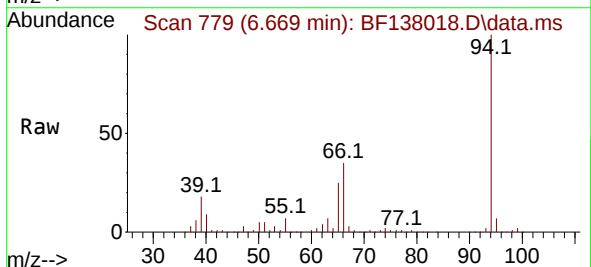
Instrument :
BNA_F
ClientSampleId :
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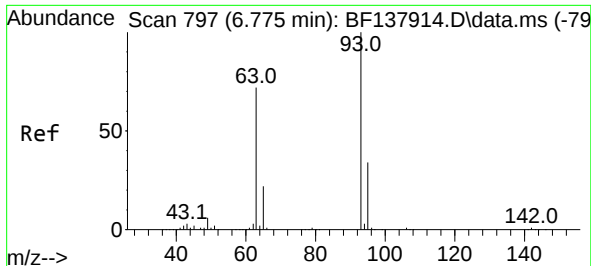
Tgt Ion: 77 Resp: 232225
Ion Ratio Lower Upper
77 100
105 102.3 82.3 122.3
106 100.5 79.2 119.2



#10
Phenol
Concen: 39.325 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion: 94 Resp: 408905
Ion Ratio Lower Upper
94 100
65 25.1 7.8 47.8
66 35.0 18.6 58.6

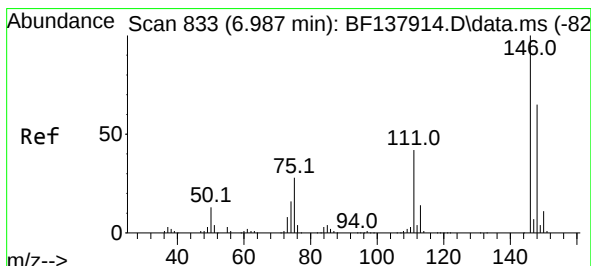
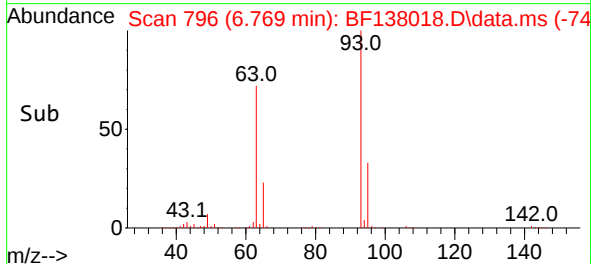
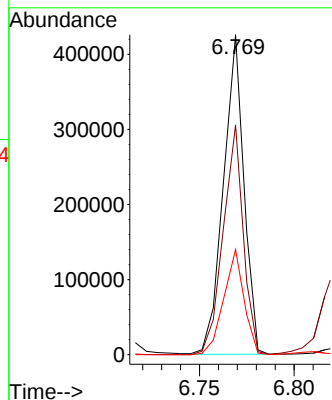
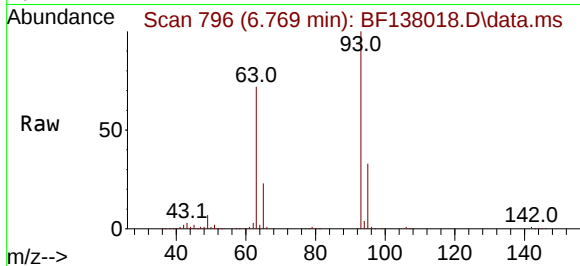




#11
bis(2-Chloroethyl)ether
Concen: 40.222 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

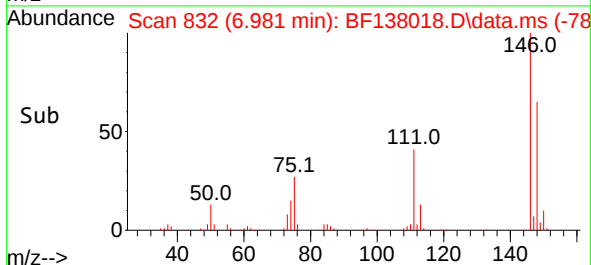
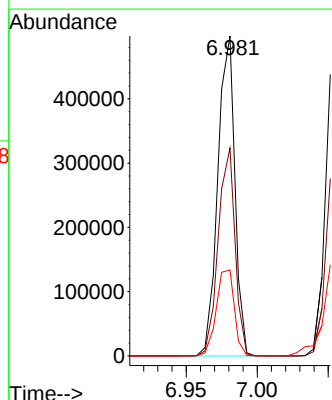
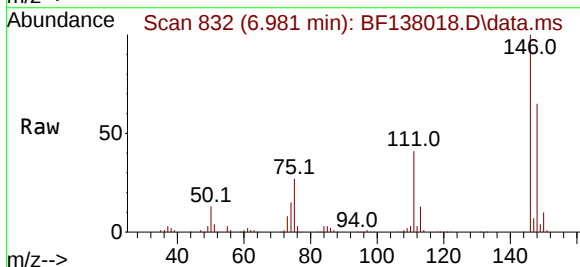
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

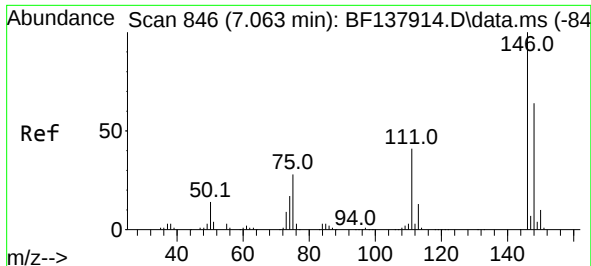
Tgt Ion: 93 Resp: 321126
Ion Ratio Lower Upper
93 100
63 71.8 51.4 91.4
95 32.9 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.687 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:146 Resp: 415575
Ion Ratio Lower Upper
146 100
148 65.0 51.7 77.5
75 26.9 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 39.898 ng

RT: 7.057 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

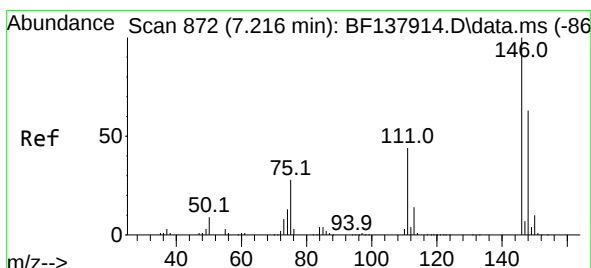
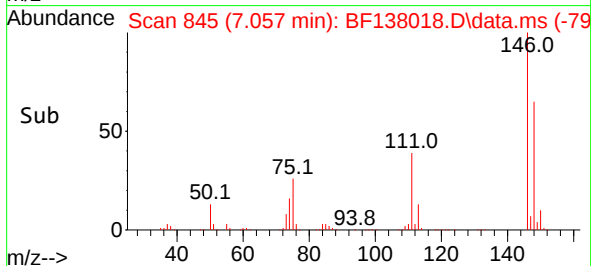
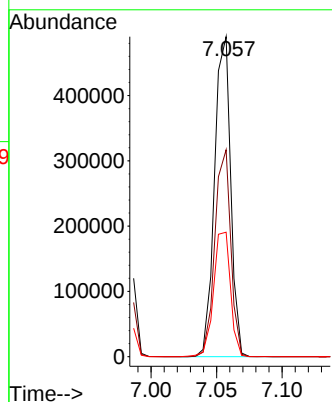
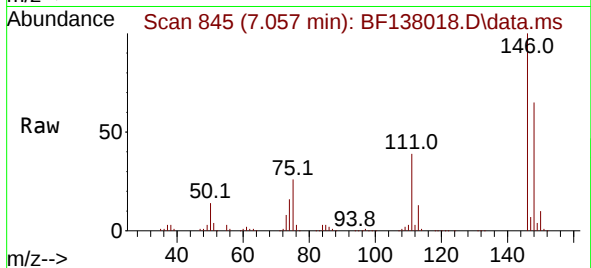
Tgt Ion:146 Resp: 419356

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

111 38.9 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 39.356 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

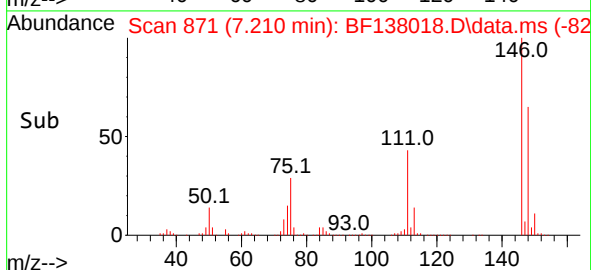
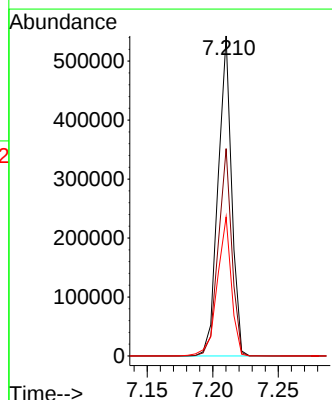
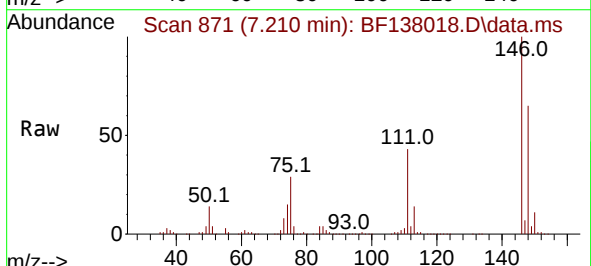
Tgt Ion:146 Resp: 389321

Ion Ratio Lower Upper

146 100

148 64.8 50.2 75.4

111 43.5 35.1 52.7

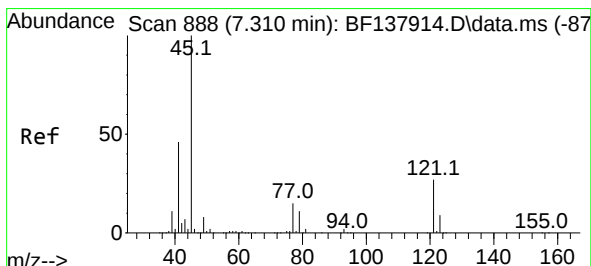
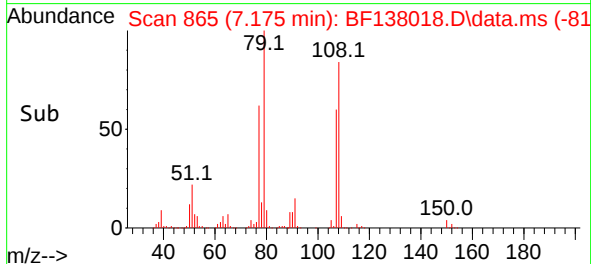
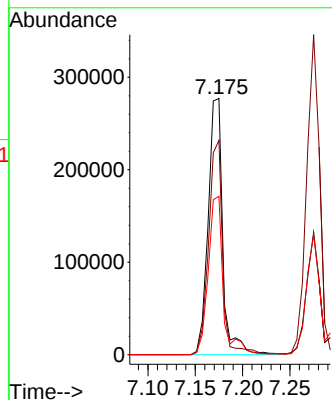
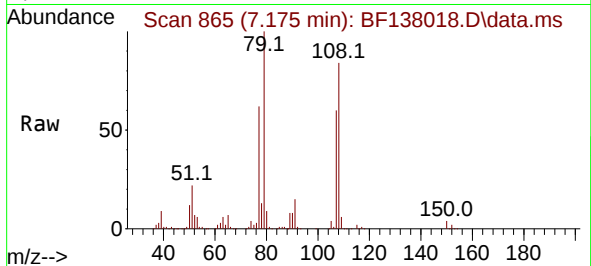




#15
Benzyl Alcohol
Concen: 43.243 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

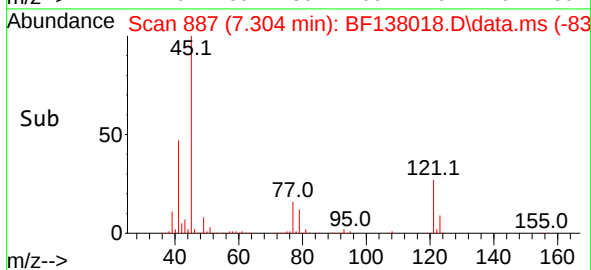
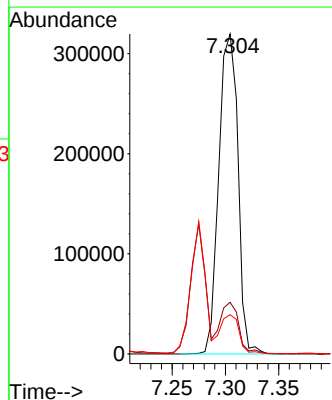
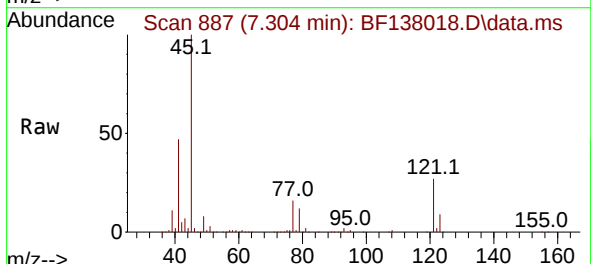
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

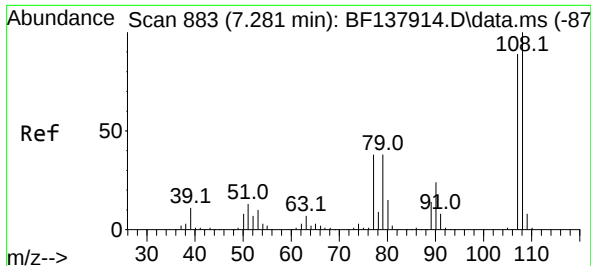
Tgt Ion: 79 Resp: 297469
Ion Ratio Lower Upper
79 100
108 83.7 62.8 94.2
77 61.9 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.523 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion: 45 Resp: 397696
Ion Ratio Lower Upper
45 100
77 16.1 0.0 35.3
79 12.2 0.0 32.1

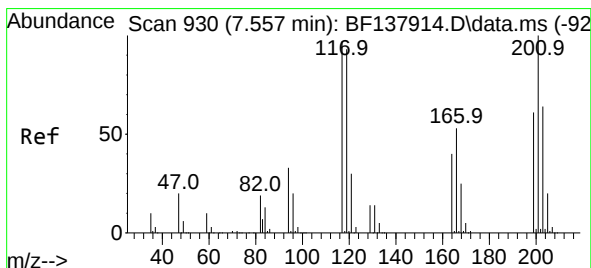
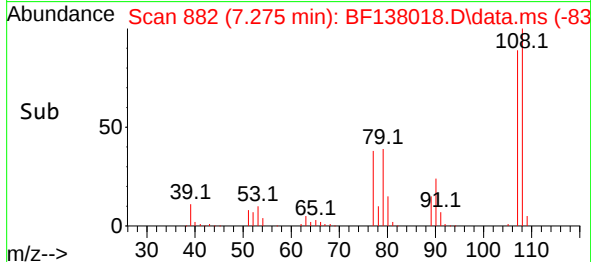
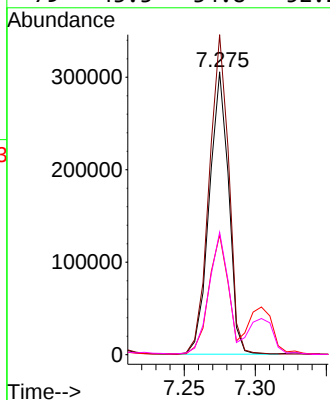
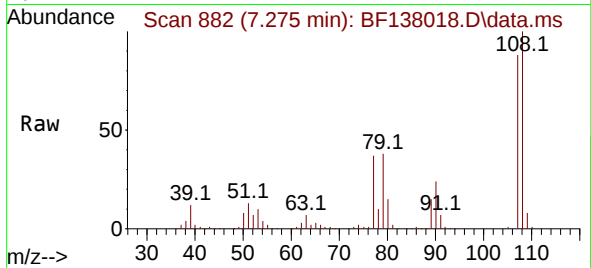




#17
2-Methylphenol
Concen: 40.121 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

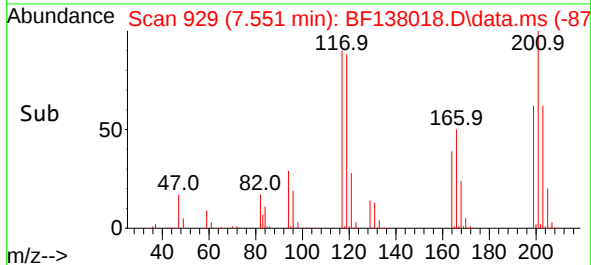
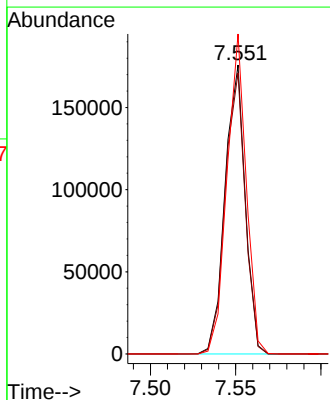
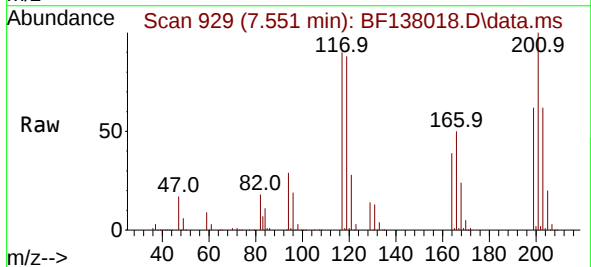
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 289577
Ion Ratio Lower Upper
107 100
108 113.1 90.1 135.1
77 42.4 34.3 51.5
79 43.3 34.8 52.2



#18
Hexachloroethane
Concen: 40.679 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:117 Resp: 144684
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2
201 110.7 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 41.317 ng

RT: 7.446 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 239135

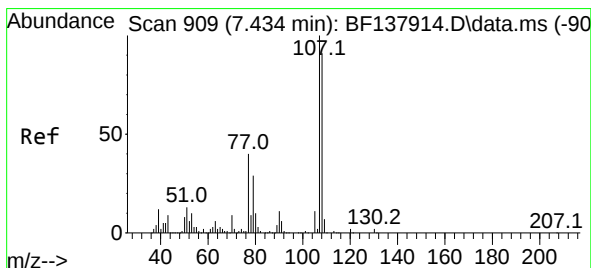
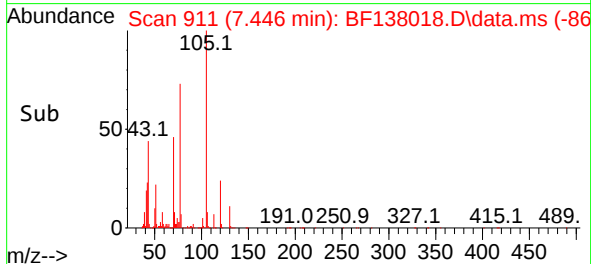
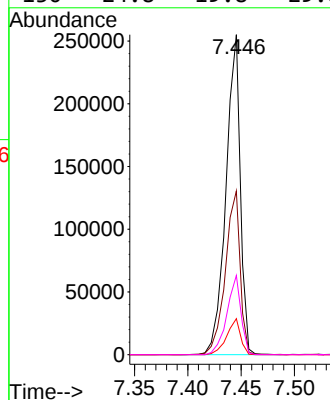
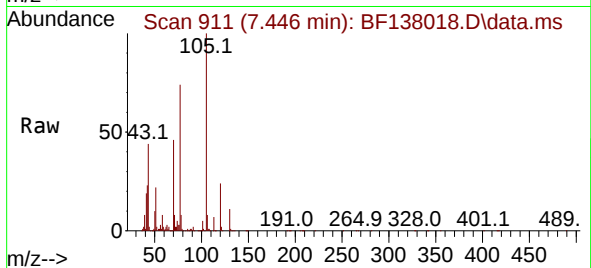
Ion Ratio Lower Upper

70 100

42 51.1 42.2 63.4

101 11.2 8.8 13.2

130 24.8 19.8 29.8



#20

3+4-Methylphenols

Concen: 40.175 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Tgt Ion: 107 Resp: 379871

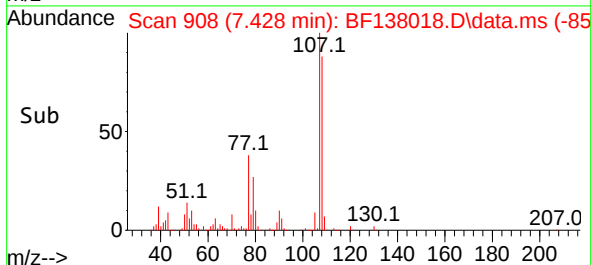
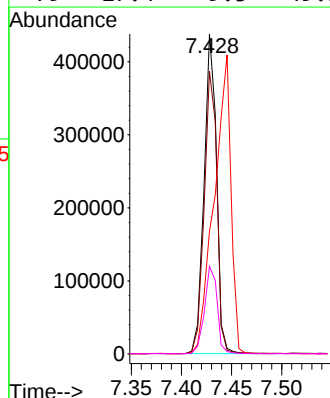
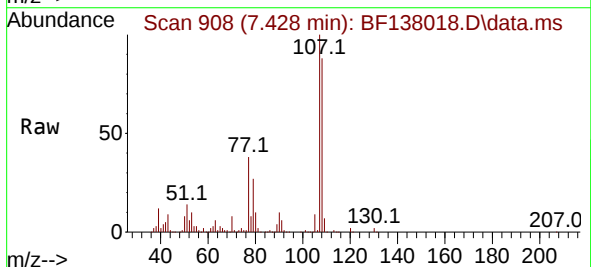
Ion Ratio Lower Upper

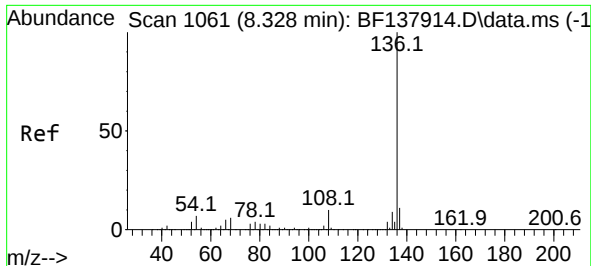
107 100

108 88.4 70.8 110.8

77 38.3 20.2 60.2

79 27.4 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: BF138018.D
Acq: 23 May 2024 10:17

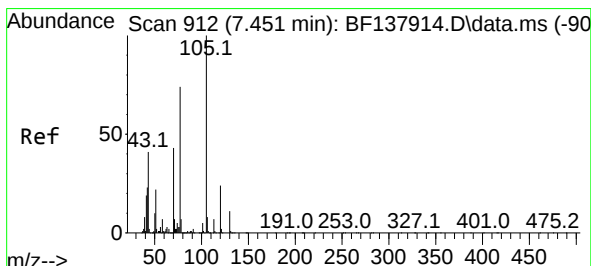
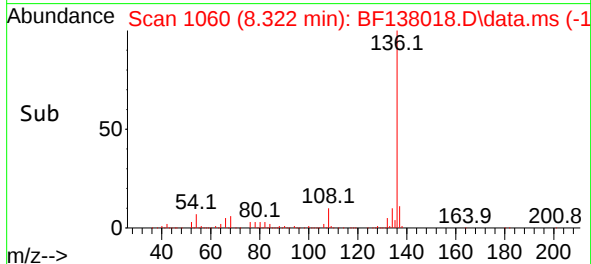
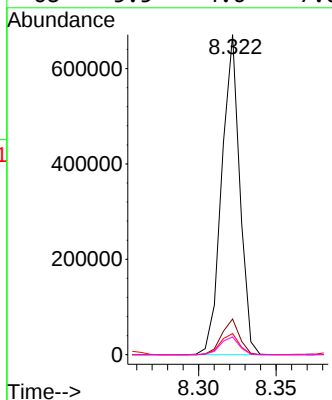
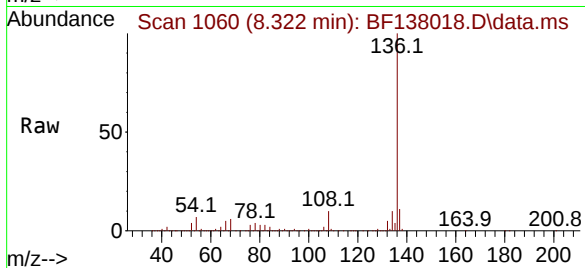
Instrument :

BNA_F

ClientSampleId :

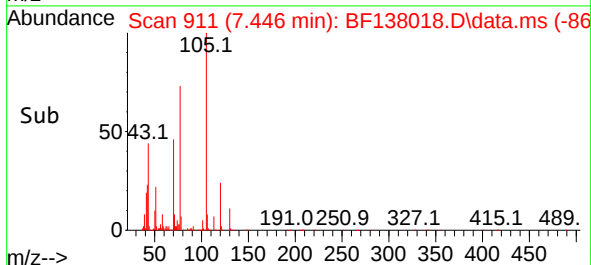
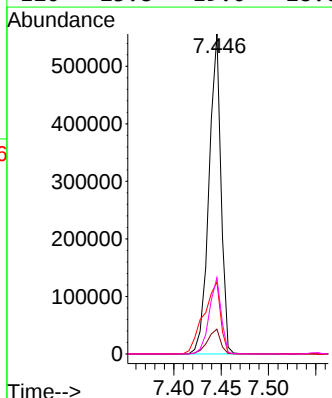
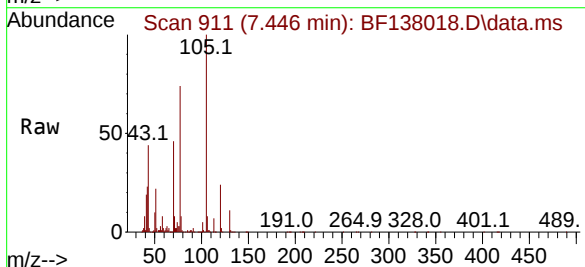
SSTDCCC040

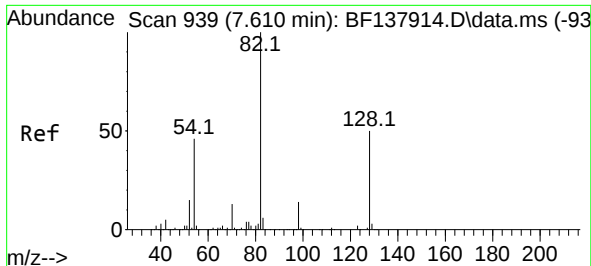
Tgt Ion:136 Resp: 542825
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.6 5.4 8.2
68 5.5 4.6 7.0



#22
Acetophenone
Concen: 40.085 ng
RT: 7.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:105 Resp: 487437
Ion Ratio Lower Upper
105 100
71 7.7 5.7 8.5
51 22.5 17.8 26.8
120 23.8 19.0 28.6





#23

Nitrobenzene-d5

Concen: 82.038 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

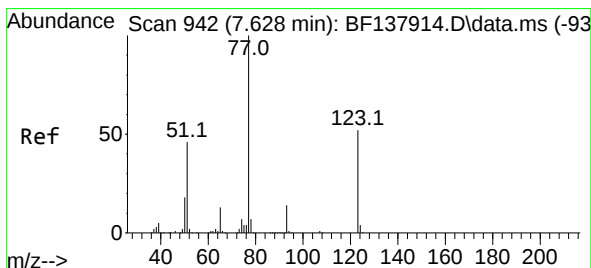
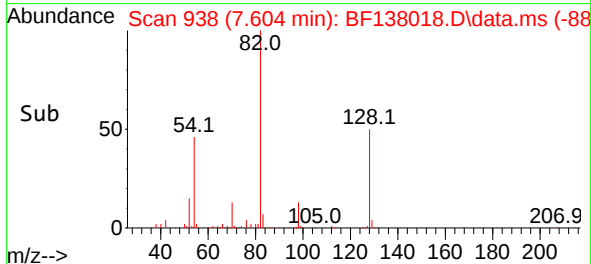
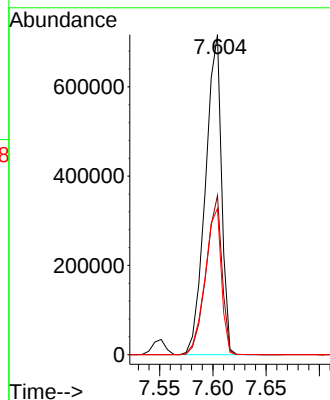
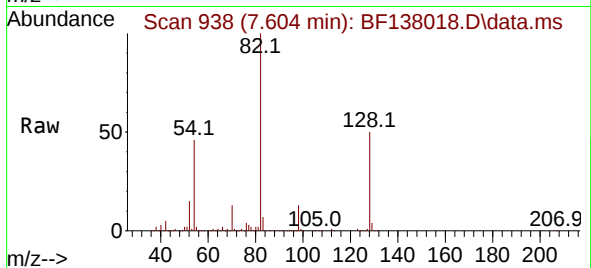
Tgt Ion: 82 Resp: 756703

Ion Ratio Lower Upper

82 100

128 49.8 40.3 60.5

54 45.7 36.8 55.2



#24

Nitrobenzene

Concen: 40.521 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

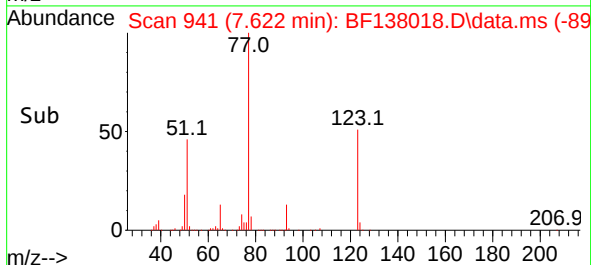
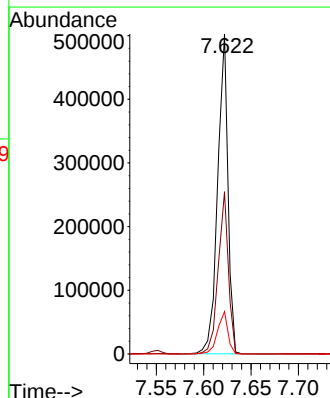
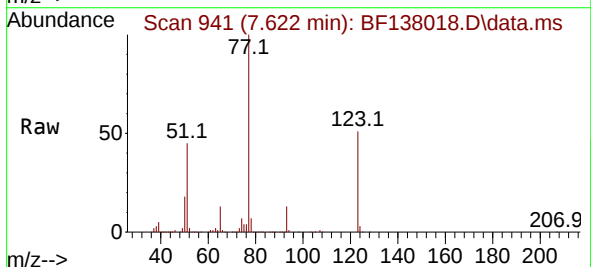
Tgt Ion: 77 Resp: 379163

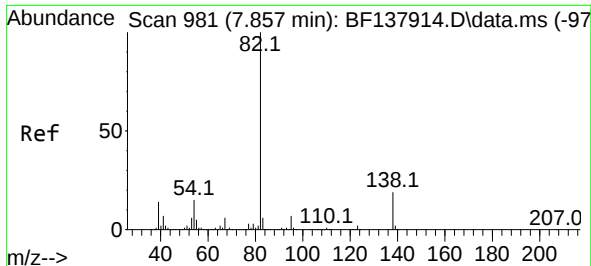
Ion Ratio Lower Upper

77 100

123 50.7 41.4 62.2

65 13.3 10.5 15.7

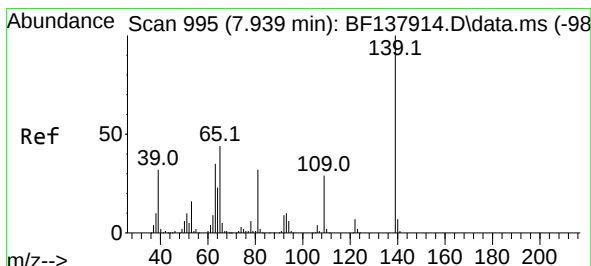
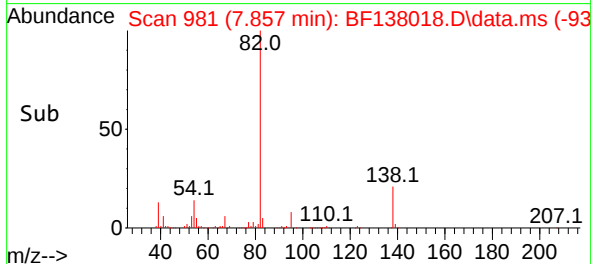
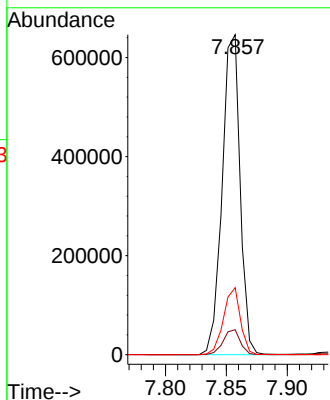
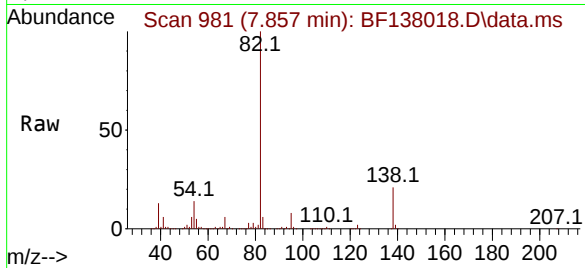




#25
Isophorone
Concen: 41.379 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

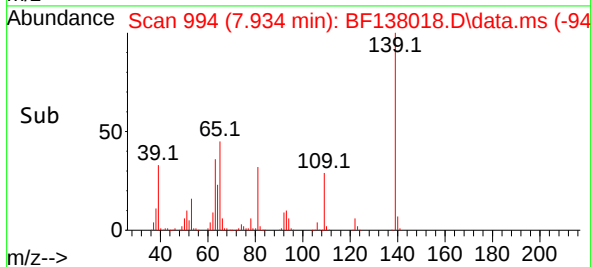
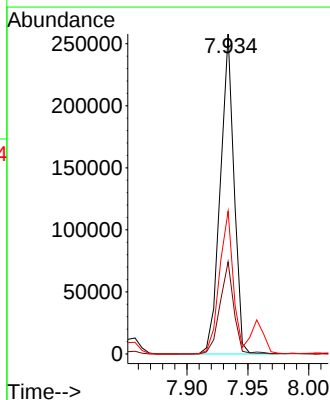
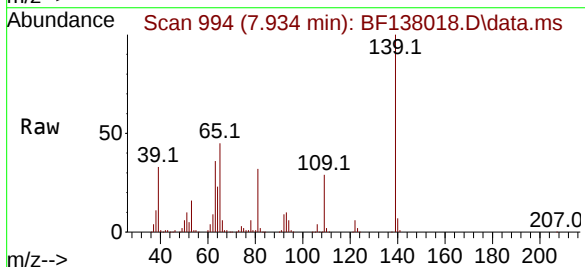
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

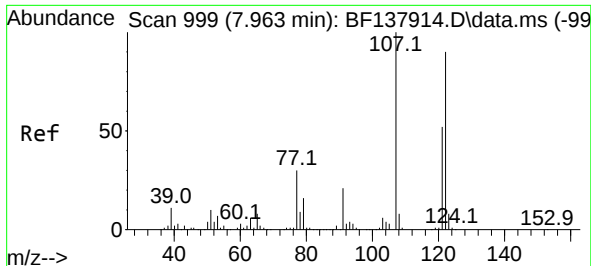
Tgt Ion: 82 Resp: 662422
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 20.9 15.0 22.4



#26
2-Nitrophenol
Concen: 43.131 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion: 139 Resp: 202790
Ion Ratio Lower Upper
139 100
109 28.8 22.8 34.2
65 44.6 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 41.349 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

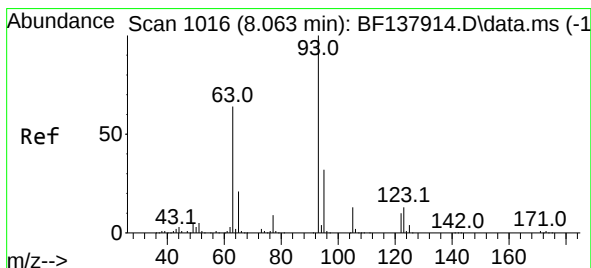
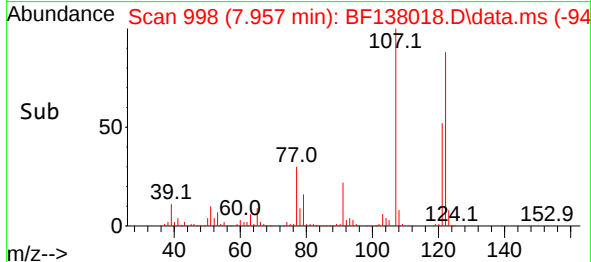
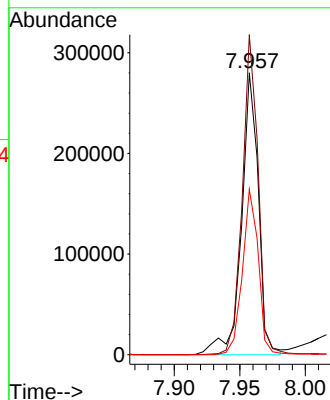
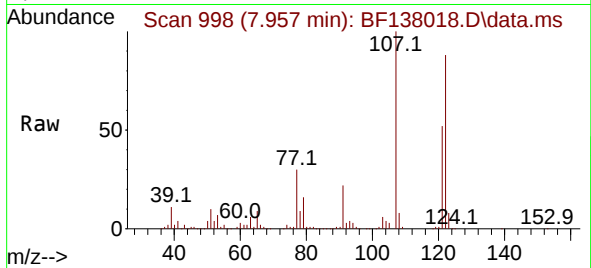
Tgt Ion:122 Resp: 250299

Ion Ratio Lower Upper

122 100

107 113.5 89.0 133.4

121 58.7 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.348 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

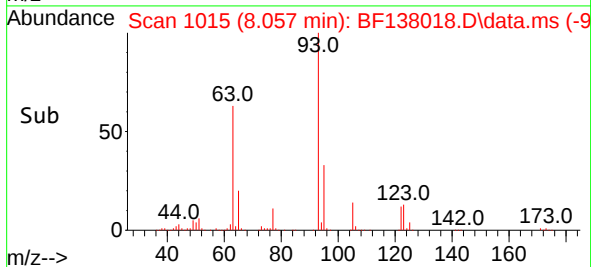
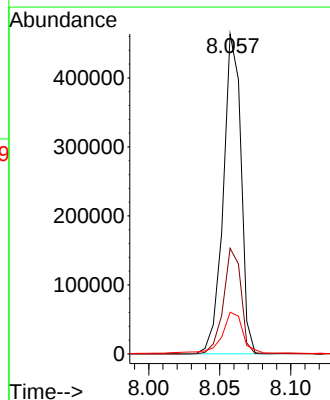
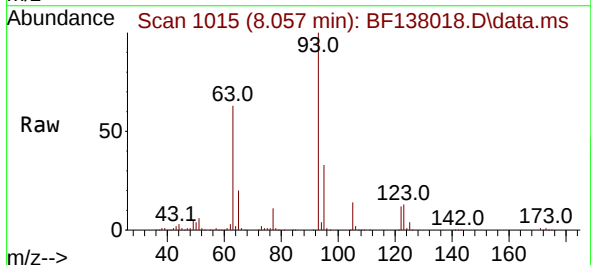
Tgt Ion: 93 Resp: 401172

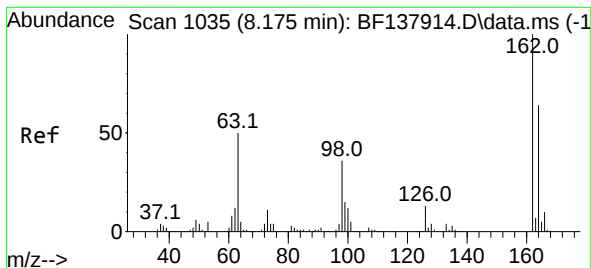
Ion Ratio Lower Upper

93 100

95 33.0 25.9 38.9

123 13.1 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 41.735 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF138018.D

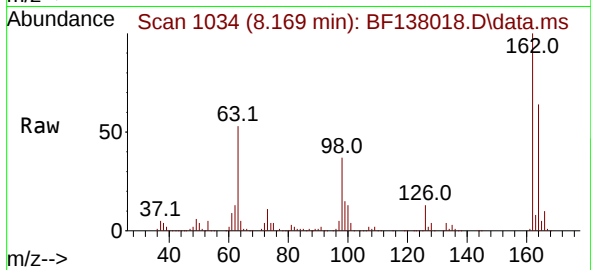
Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



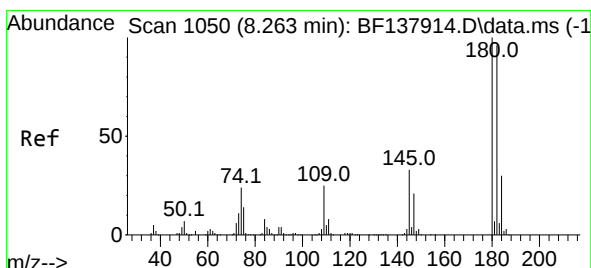
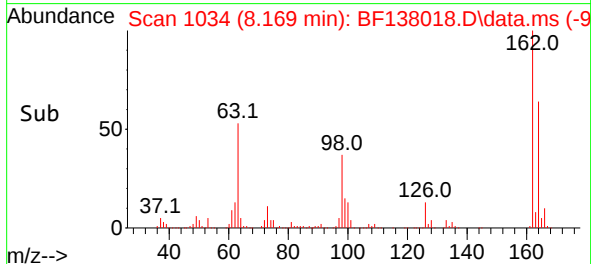
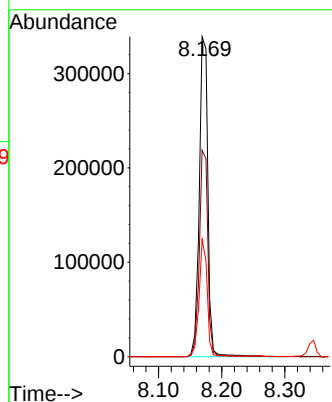
Tgt Ion:162 Resp: 317693

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 36.7 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 40.546 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

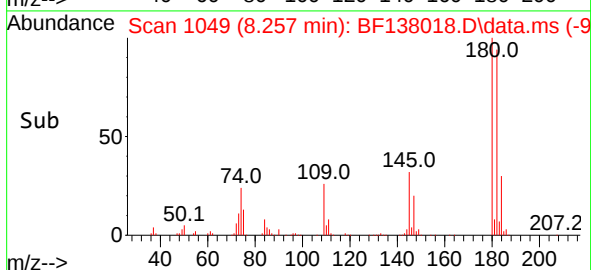
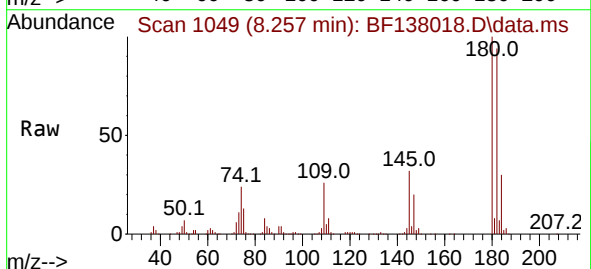
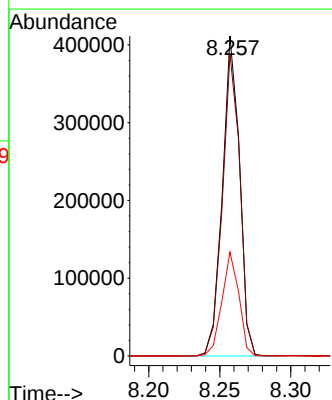
Tgt Ion:180 Resp: 344601

Ion Ratio Lower Upper

180 100

182 94.5 76.5 114.7

145 32.5 26.2 39.2

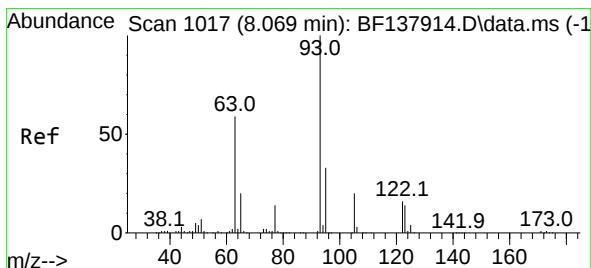
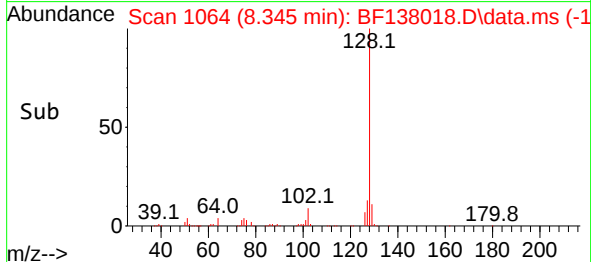
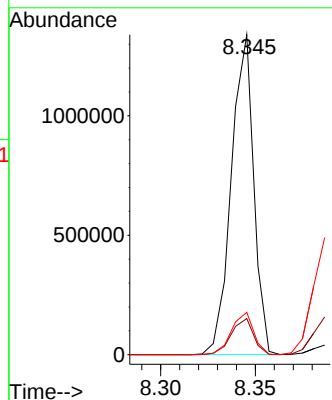
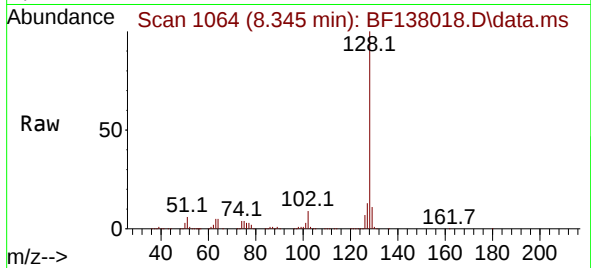




#31
Naphthalene
Concen: 40.412 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

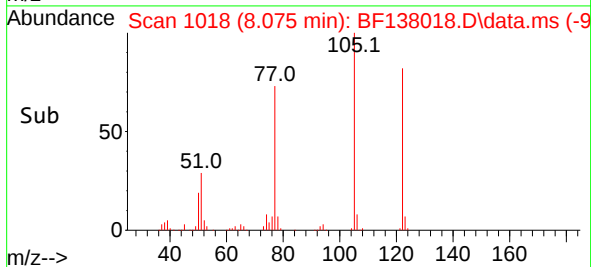
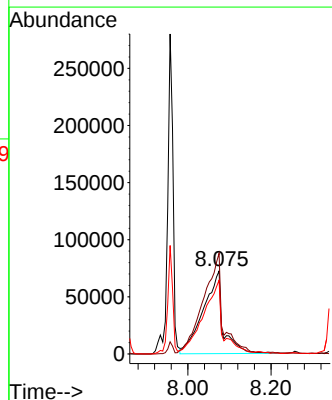
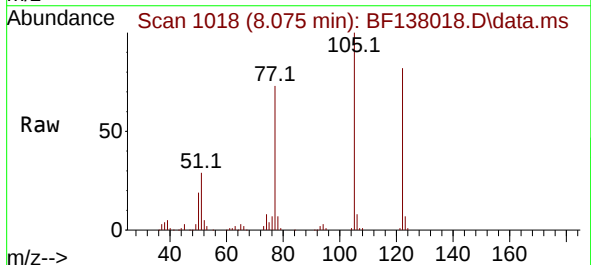
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

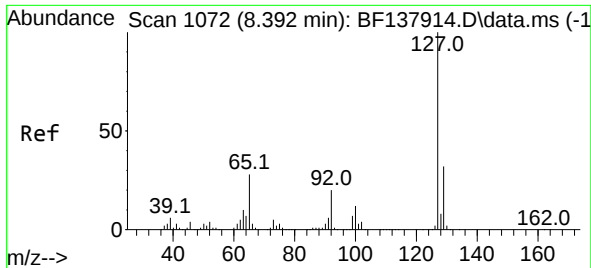
Tgt Ion:128 Resp: 1102988
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 46.700 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:122 Resp: 238966
Ion Ratio Lower Upper
122 100
105 121.4 103.8 143.8
77 89.0 68.4 108.4

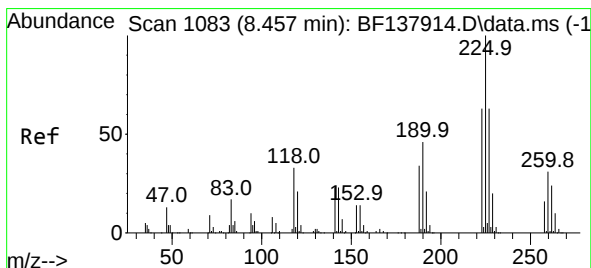
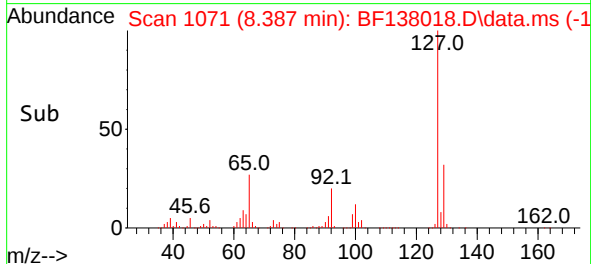
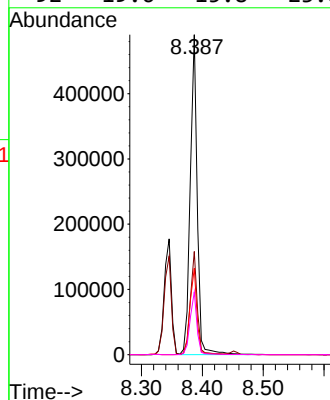
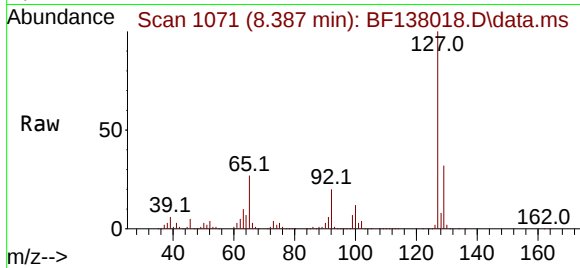




#33
4-Chloroaniline
Concen: 43.692 ng
RT: 8.387 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

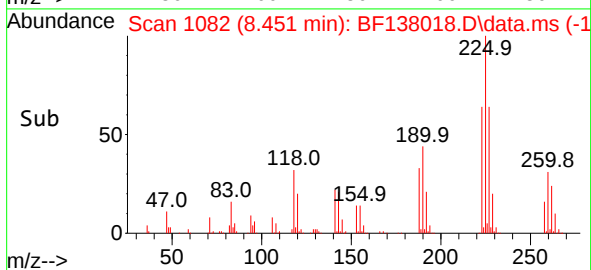
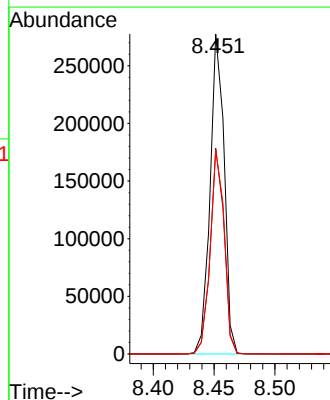
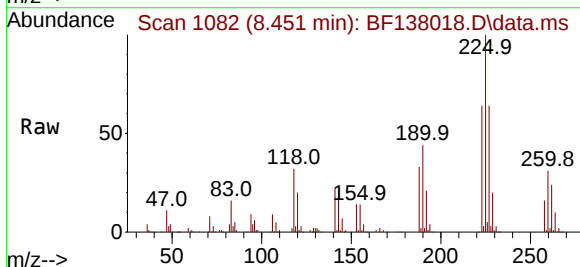
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

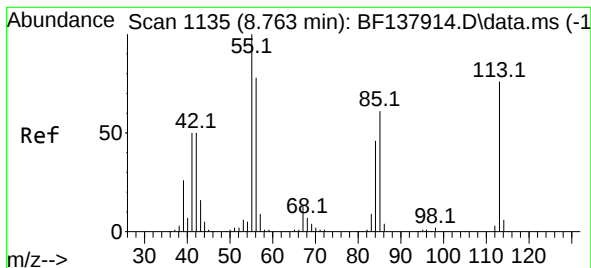
Tgt Ion:	127	Resp:	390925
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	27.0	22.0	33.0
92	19.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 41.386 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:	225	Resp:	222639
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.0	75.0
227	63.8	50.2	75.4





#35

Caprolactam

Concen: 43.266 ng

RT: 8.763 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

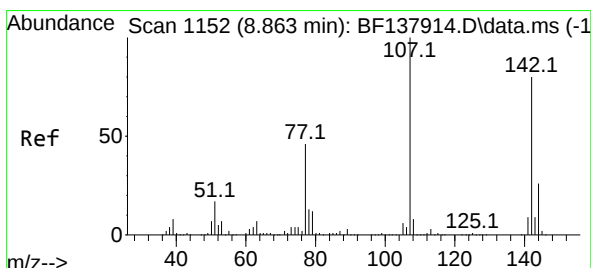
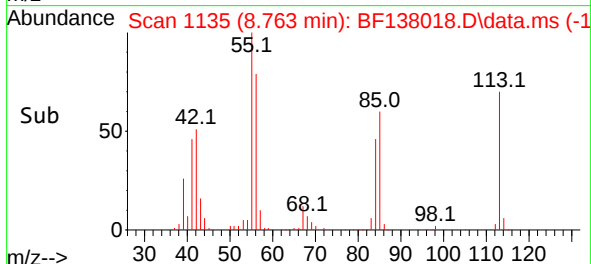
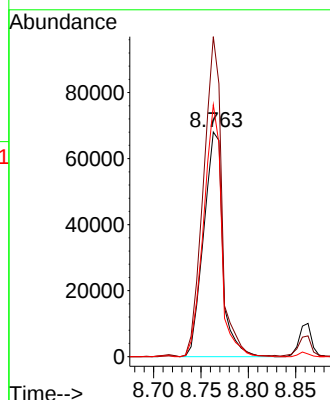
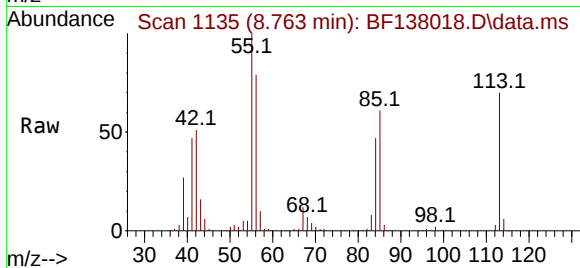
Tgt Ion:113 Resp: 95416

Ion Ratio Lower Upper

113 100

55 142.5 112.3 152.3

56 112.1 82.7 122.7



#36

4-Chloro-3-methylphenol

Concen: 42.227 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

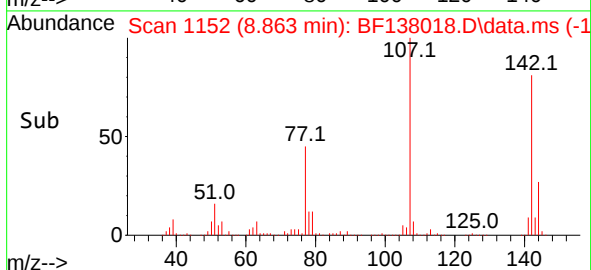
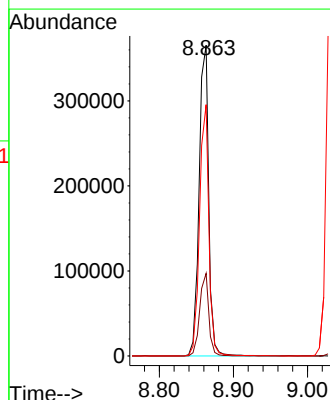
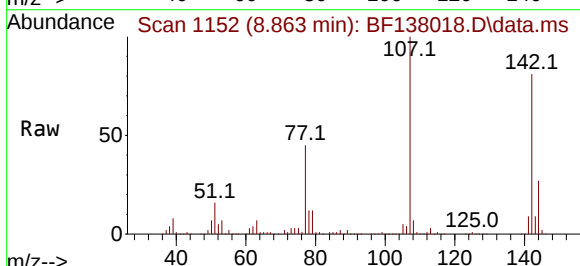
Tgt Ion:107 Resp: 326981

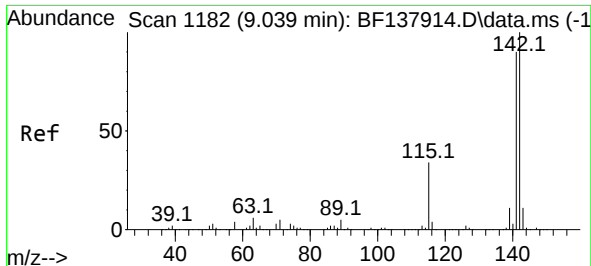
Ion Ratio Lower Upper

107 100

144 26.6 20.7 31.1

142 80.9 64.0 96.0





#37

2-Methylnaphthalene

Concen: 41.148 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

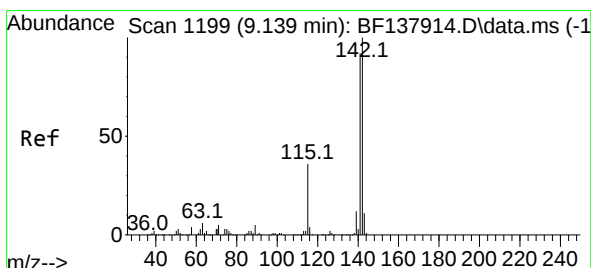
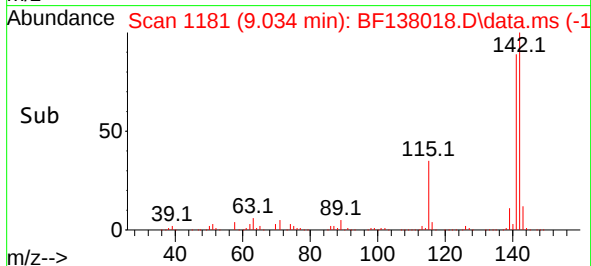
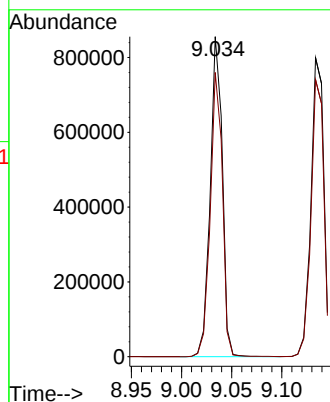
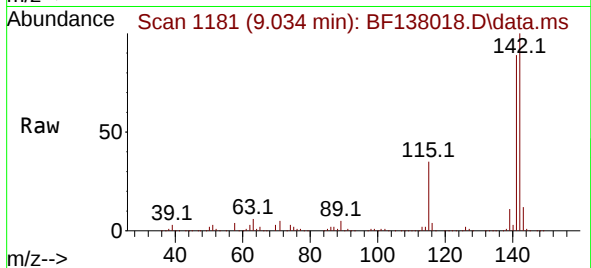
SSTDCCC040

Tgt Ion:142 Resp: 721905

Ion Ratio Lower Upper

142 100

141 88.8 72.0 108.0



#38

1-Methylnaphthalene

Concen: 41.173 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF138018.D

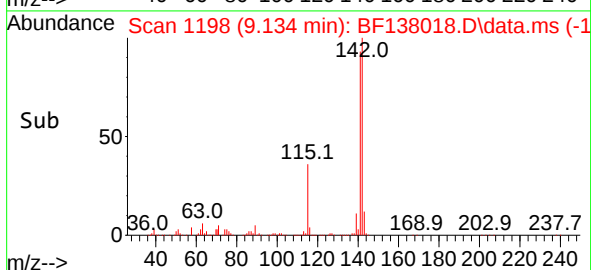
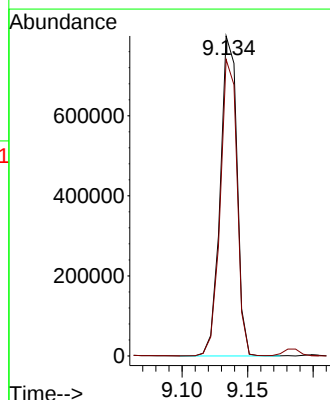
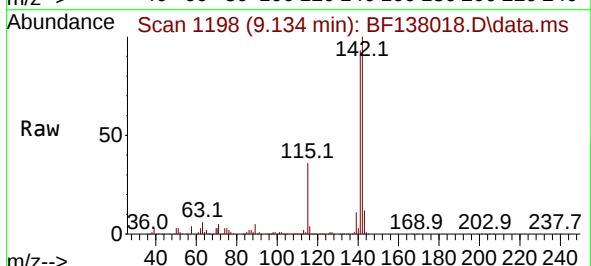
Acq: 23 May 2024 10:17

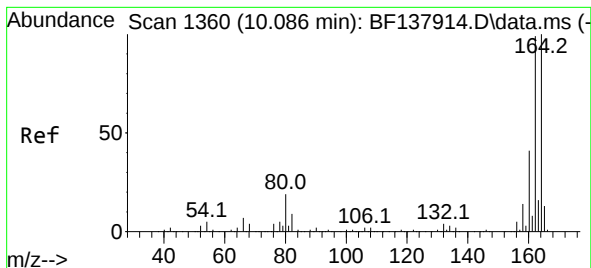
Tgt Ion:142 Resp: 710136

Ion Ratio Lower Upper

142 100

141 92.7 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: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

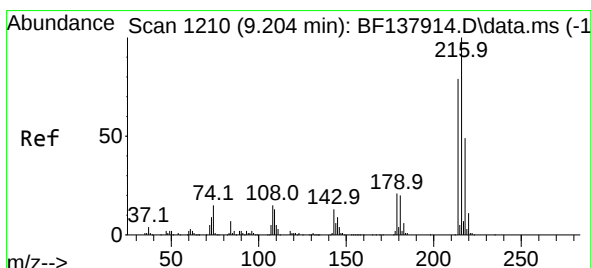
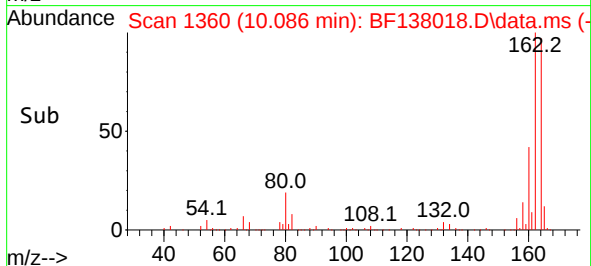
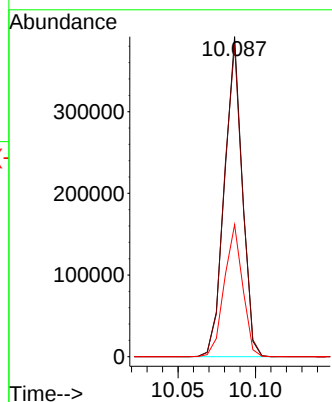
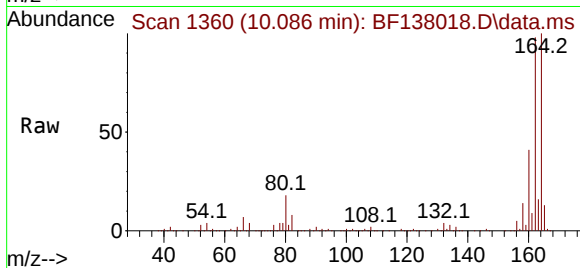
Tgt Ion:164 Resp: 312072

Ion Ratio Lower Upper

164 100

162 97.6 79.4 119.2

160 41.3 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.597 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Tgt Ion:216 Resp: 344427

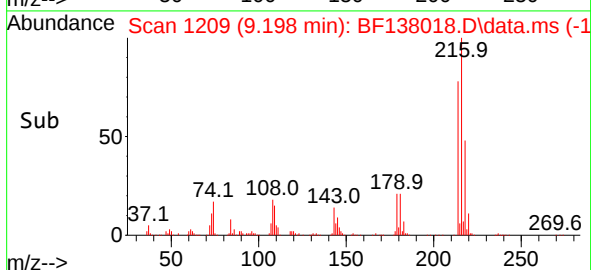
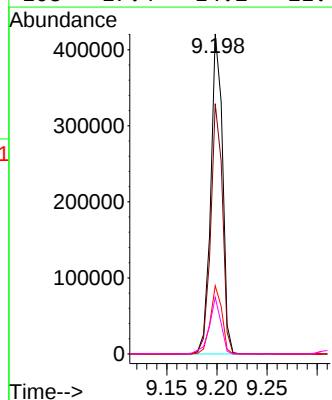
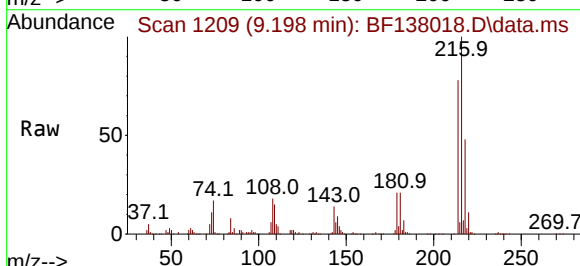
Ion Ratio Lower Upper

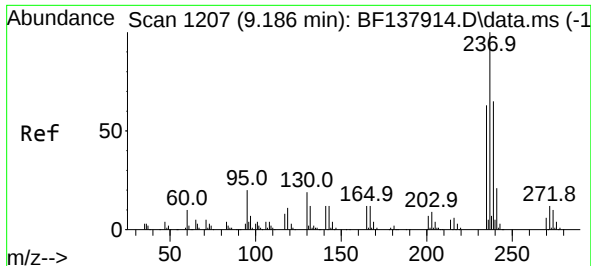
216 100

214 78.0 63.4 95.2

179 20.9 17.0 25.4

108 17.4 14.2 21.4

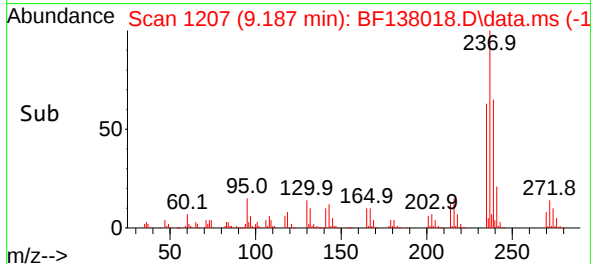
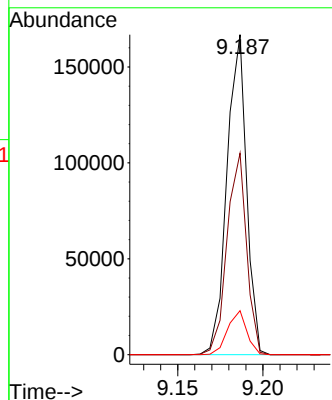
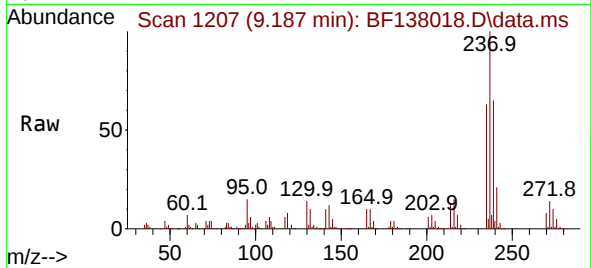




#41
Hexachlorocyclopentadiene
Concen: 41.371 ng
RT: 9.187 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

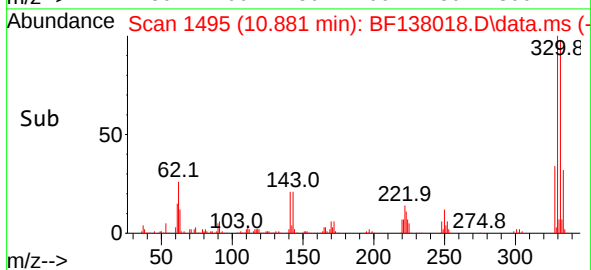
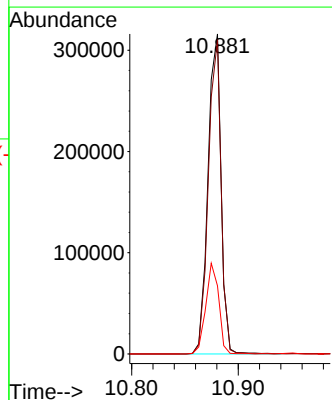
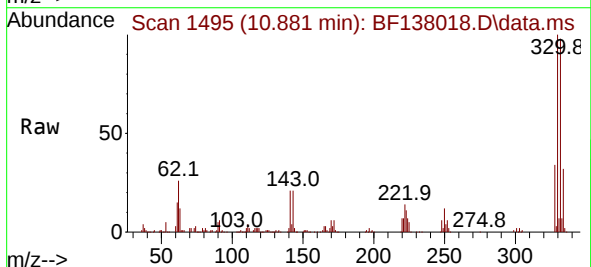
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

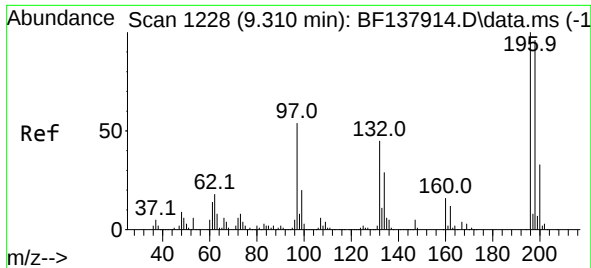
Tgt Ion:237 Resp: 133369
Ion Ratio Lower Upper
237 100
235 63.0 42.8 82.8
272 13.8 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 86.020 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:330 Resp: 270672
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.8
141 28.1 23.8 35.6

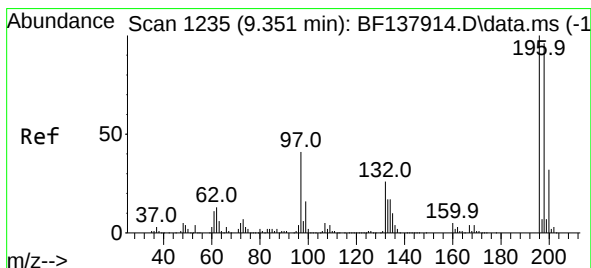
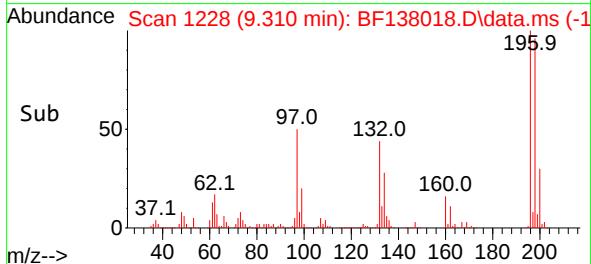
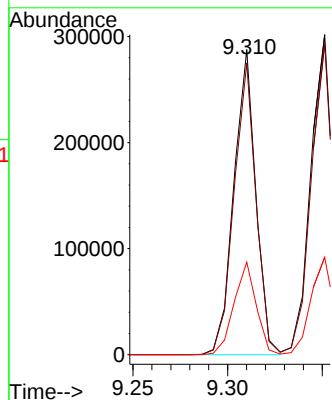
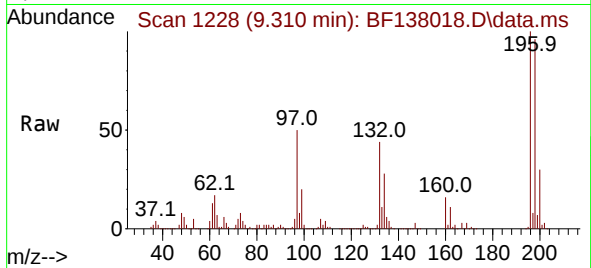




#43
2,4,6-Trichlorophenol
Concen: 41.648 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

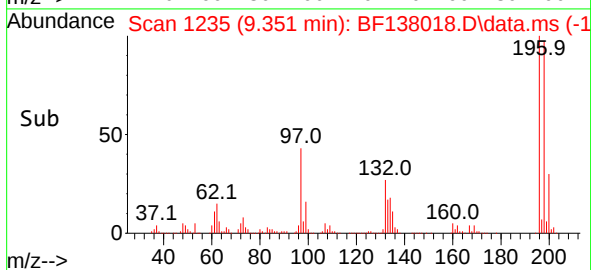
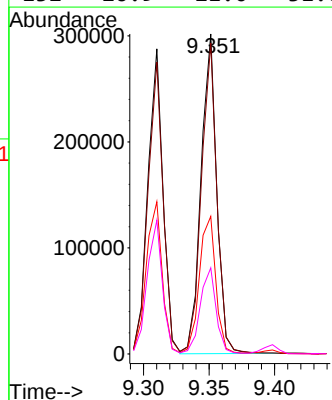
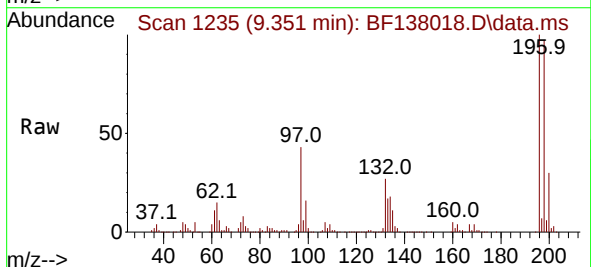
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

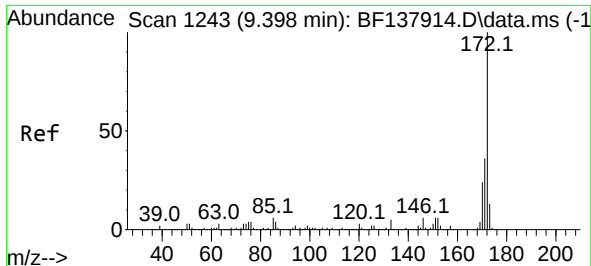
Tgt Ion:196 Resp: 231675
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.4
200 30.4 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 41.222 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:196 Resp: 250905
Ion Ratio Lower Upper
196 100
198 97.2 77.4 116.0
97 43.0 32.9 49.3
132 26.9 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 78.590 ng

RT: 9.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

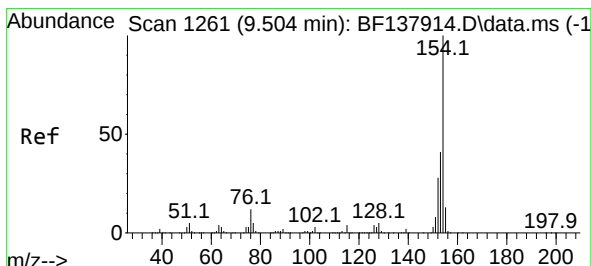
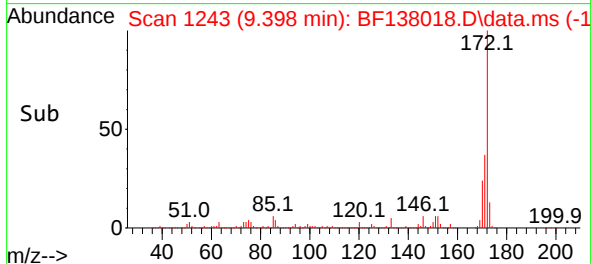
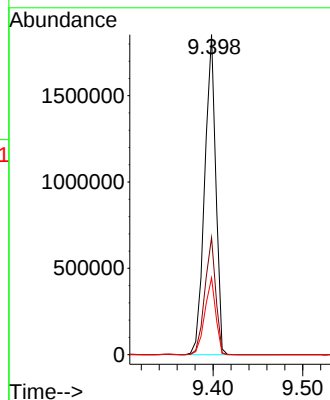
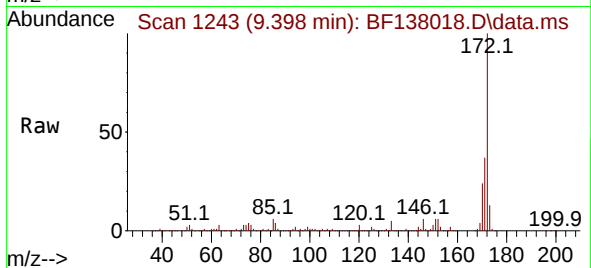
Tgt Ion:172 Resp: 1592175

Ion Ratio Lower Upper

172 100

171 36.6 28.9 43.3

170 24.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.122 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

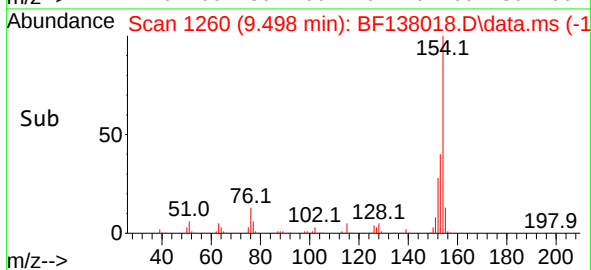
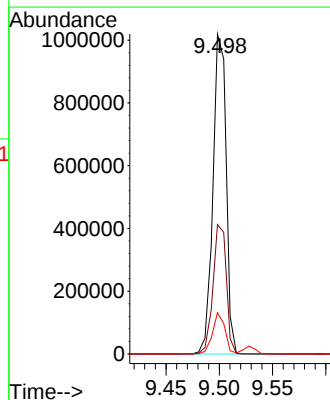
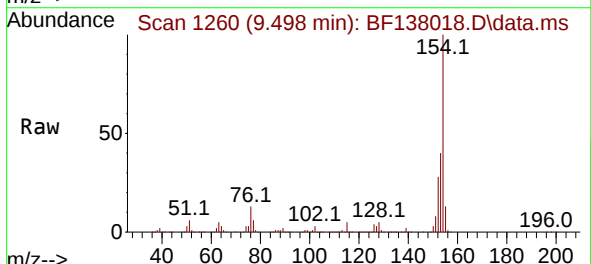
Tgt Ion:154 Resp: 878199

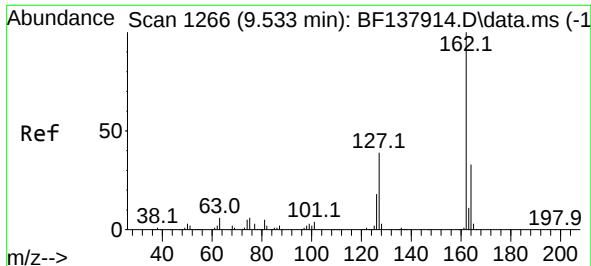
Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

76 12.9 0.0 31.9





#47

2-Chloronaphthalene

Concen: 40.203 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

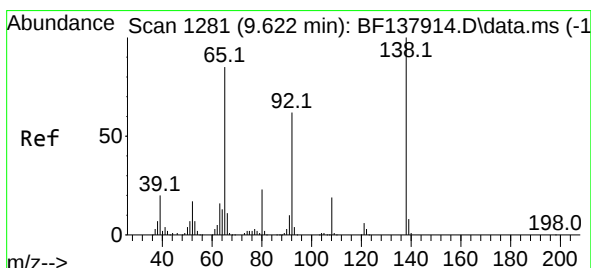
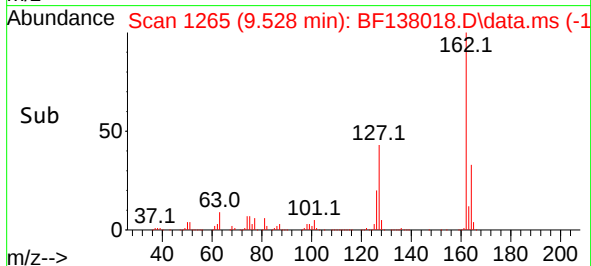
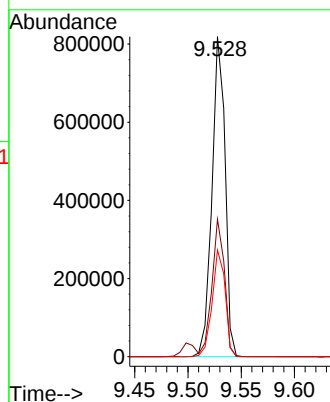
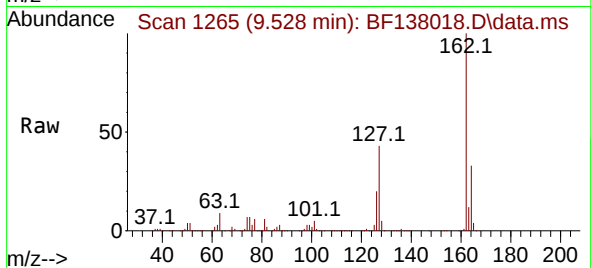
Tgt Ion:162 Resp: 702462

Ion Ratio Lower Upper

162 100

127 43.0 32.0 48.0

164 33.3 26.2 39.4



#48

2-Nitroaniline

Concen: 41.005 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

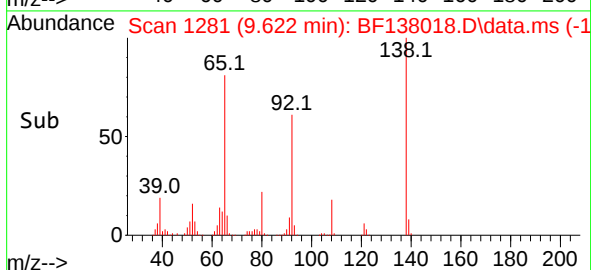
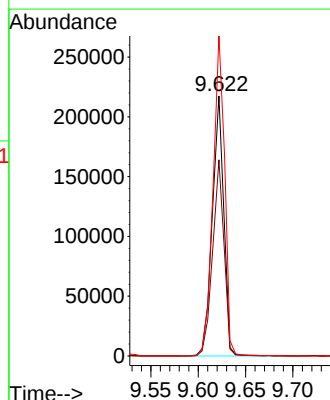
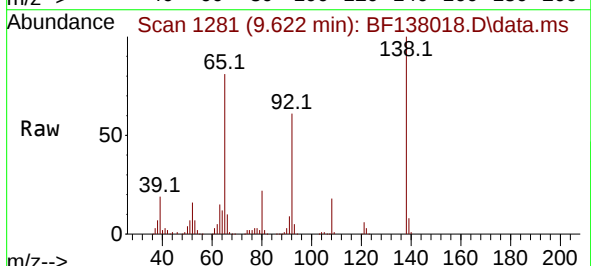
Tgt Ion: 65 Resp: 183469

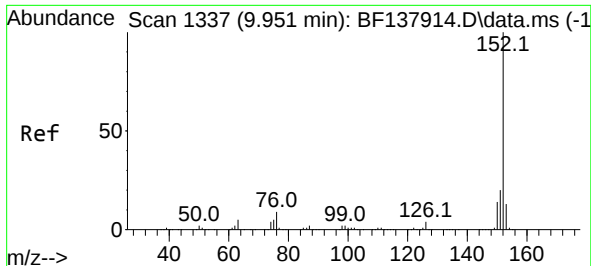
Ion Ratio Lower Upper

65 100

92 75.5 58.6 88.0

138 123.1 94.1 141.1

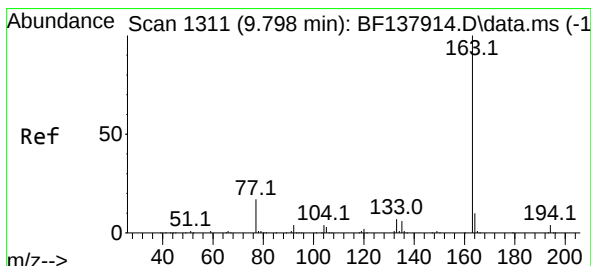
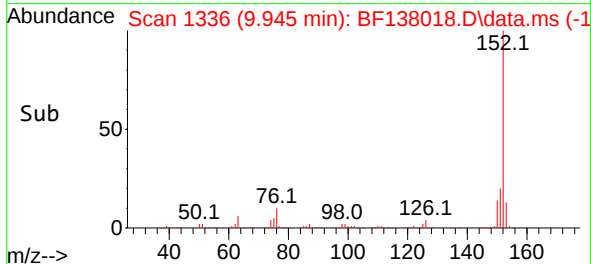
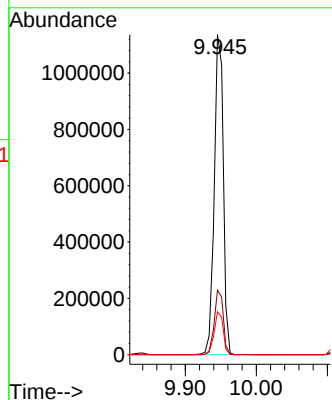
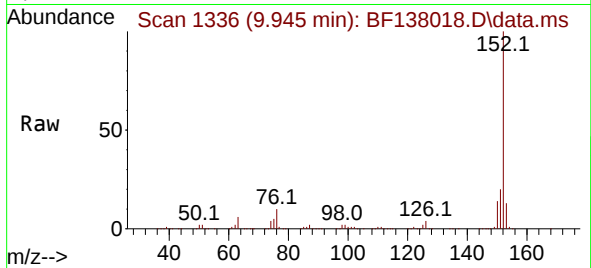




#49
Acenaphthylene
Concen: 40.194 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

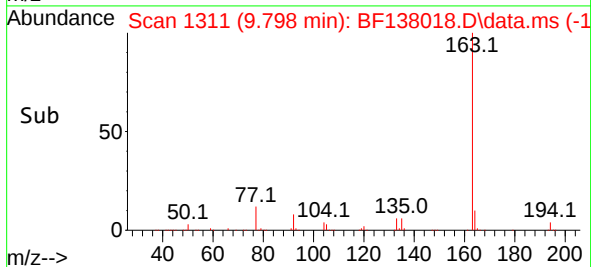
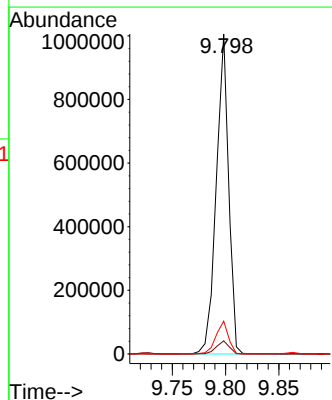
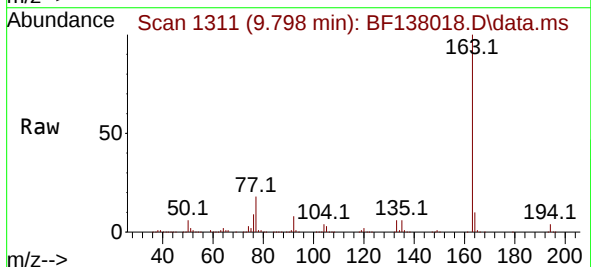
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

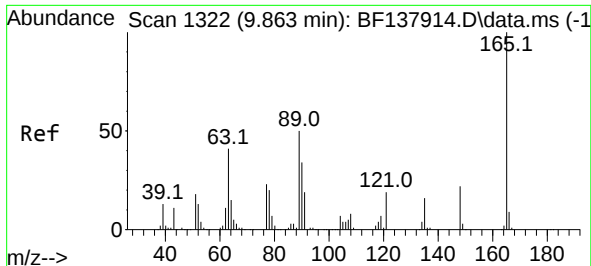
Tgt Ion:152 Resp: 1009821
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.4 10.2 15.4



#50
Dimethylphthalate
Concen: 41.303 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:163 Resp: 808282
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.0 12.0

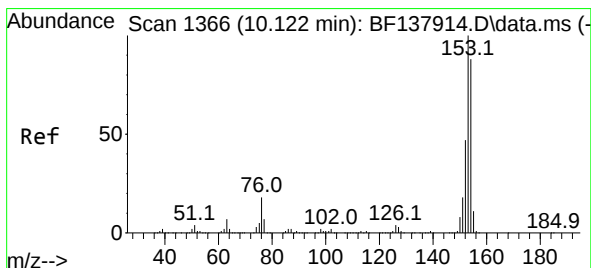
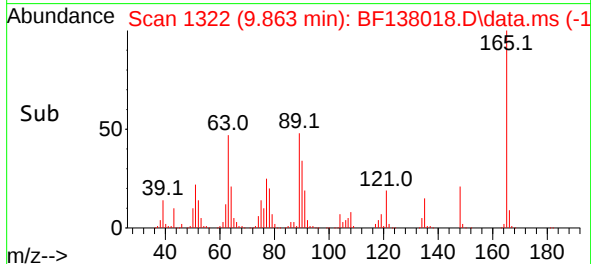
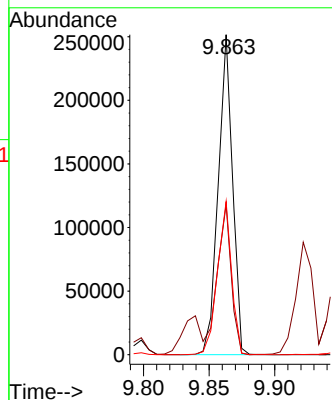
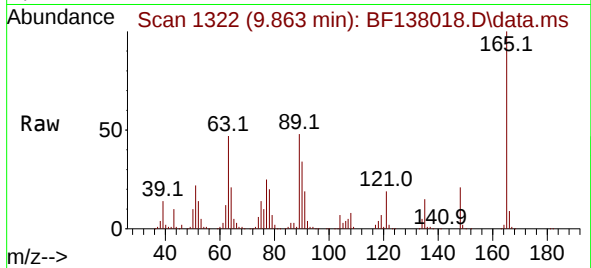




#51
2,6-Dinitrotoluene
Concen: 42.511 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

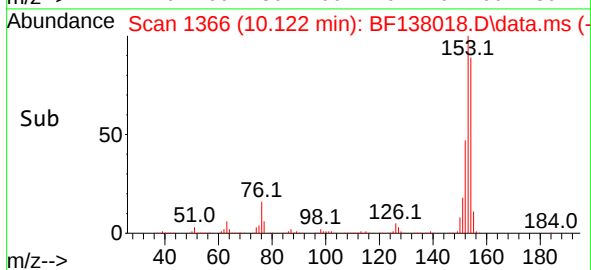
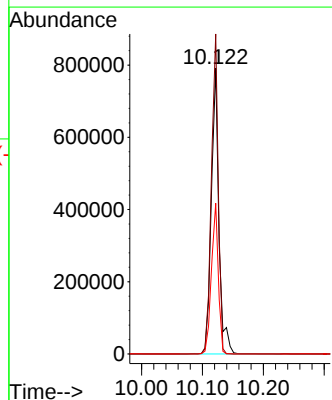
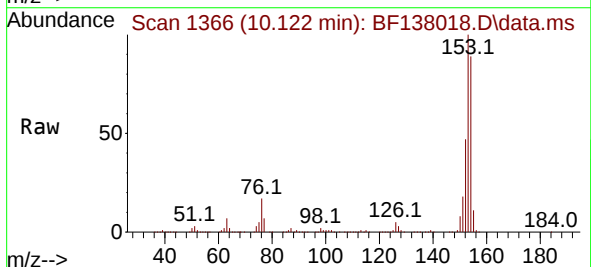
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

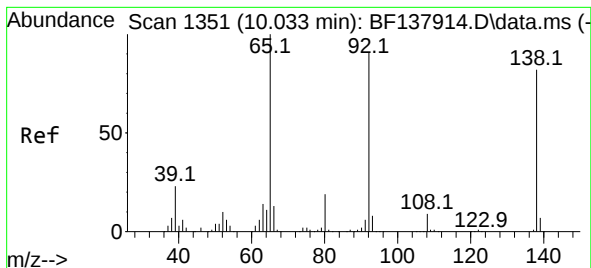
Tgt Ion:165 Resp: 190937
Ion Ratio Lower Upper
165 100
63 46.9 38.9 58.3
89 47.8 40.4 60.6



#52
Acenaphthene
Concen: 41.199 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:154 Resp: 684111
Ion Ratio Lower Upper
154 100
153 112.1 90.4 135.6
152 52.8 42.3 63.5

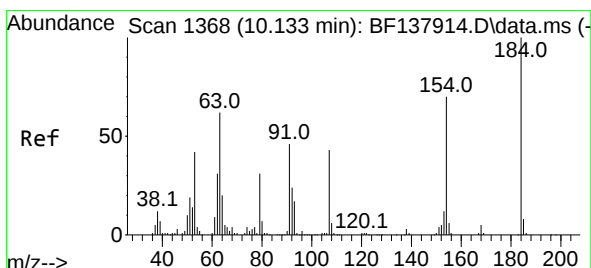
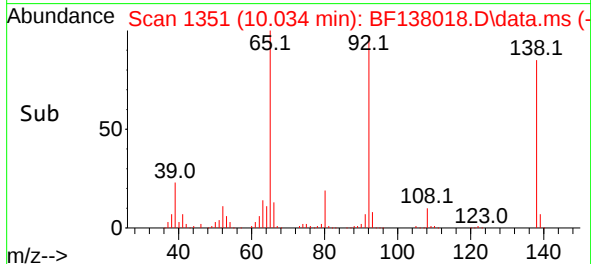
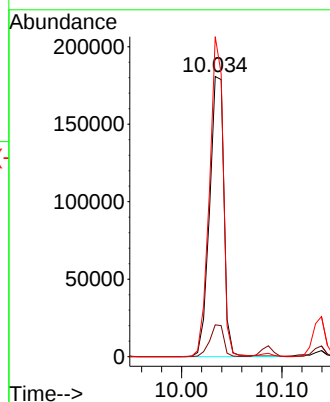
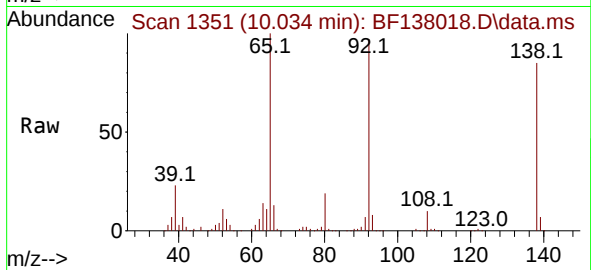




#53
3-Nitroaniline
Concen: 41.137 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

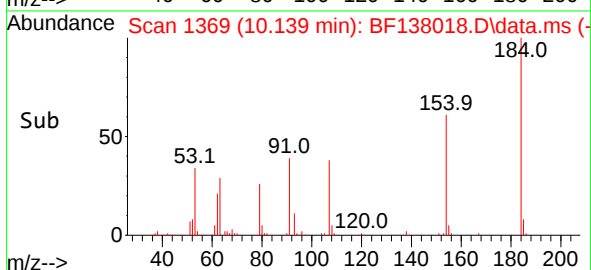
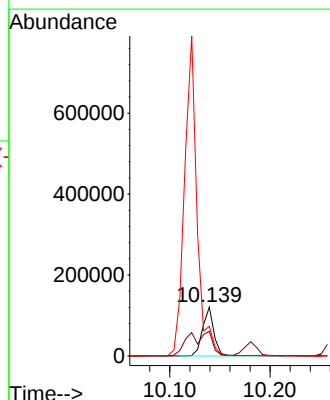
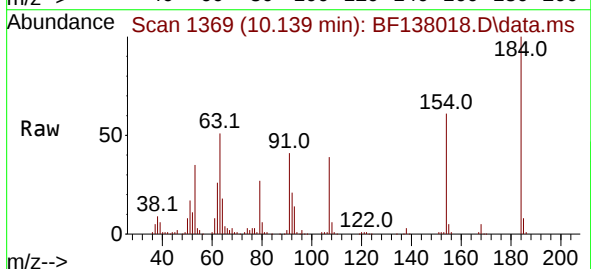
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

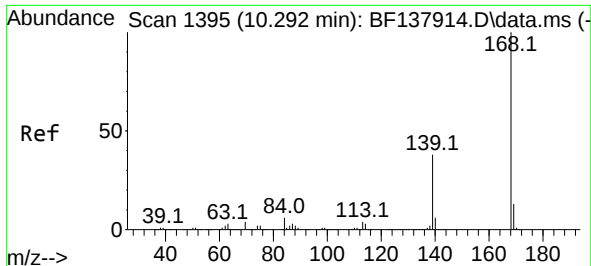
Tgt Ion:138 Resp: 180629
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 114.2 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 43.294 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:184 Resp: 96555
Ion Ratio Lower Upper
184 100
63 50.6 50.4 75.6
154 60.7 63.7 95.5#

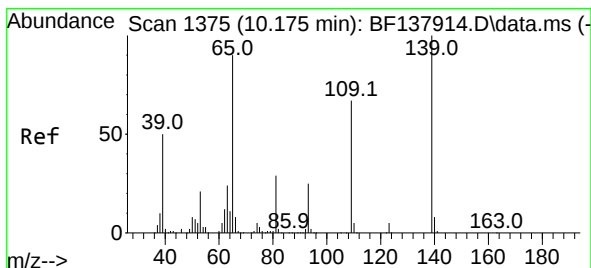
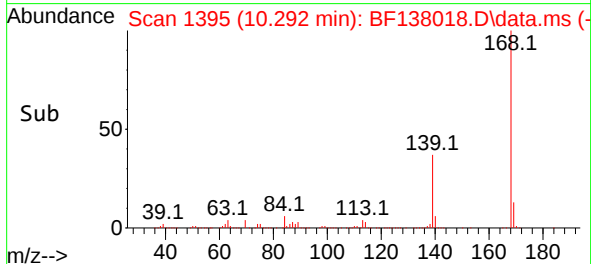
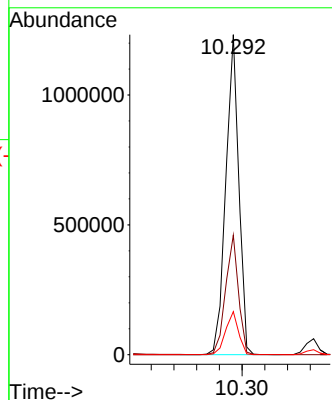
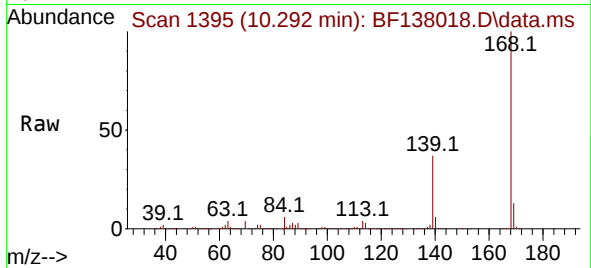




#55
Dibenzenofuran
Concen: 40.496 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

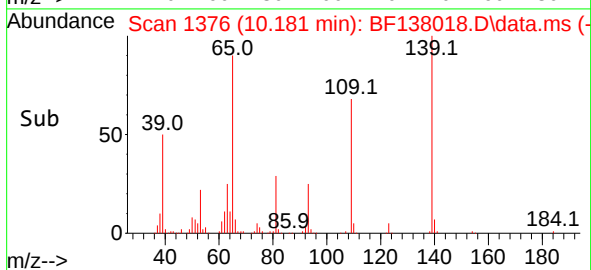
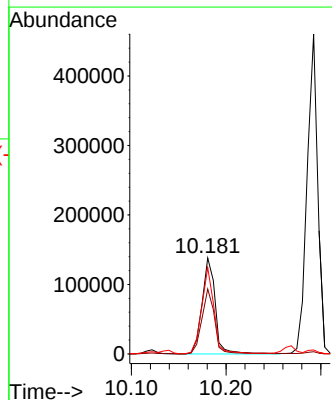
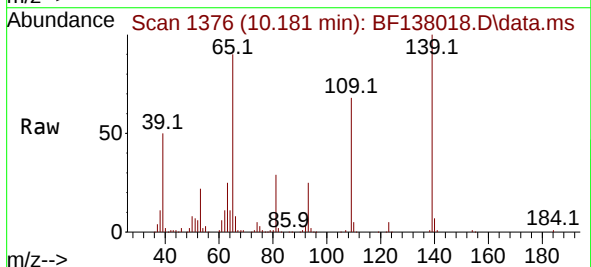
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

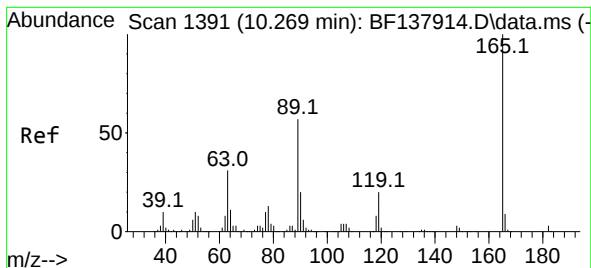
Tgt Ion:168 Resp: 978632
Ion Ratio Lower Upper
168 100
139 37.4 30.4 45.6
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 42.506 ng
RT: 10.181 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:139 Resp: 134049
Ion Ratio Lower Upper
139 100
109 67.6 46.5 86.5
65 90.0 70.4 110.4

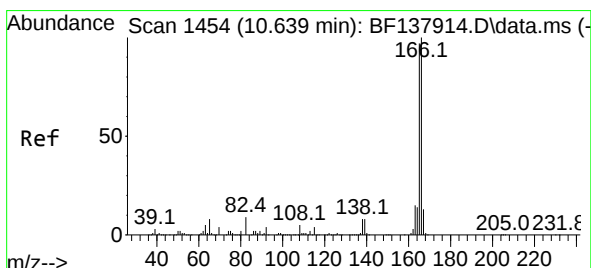
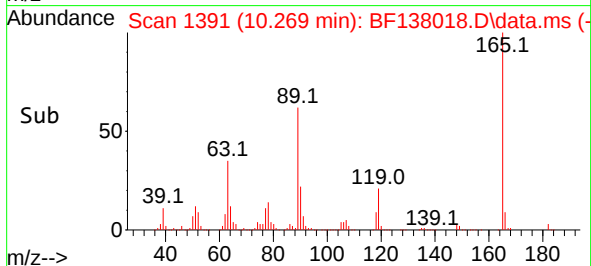
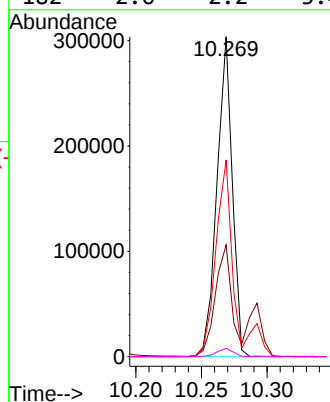
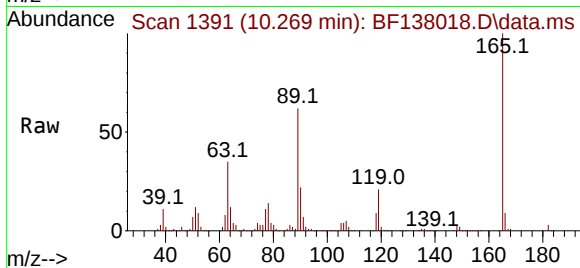




#57
2,4-Dinitrotoluene
Concen: 42.591 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

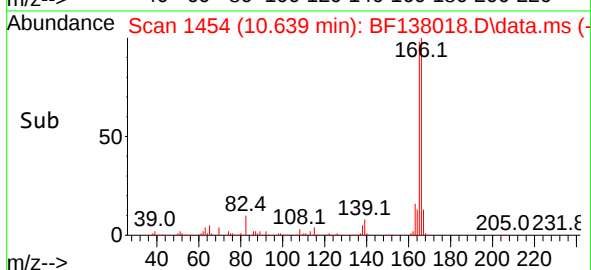
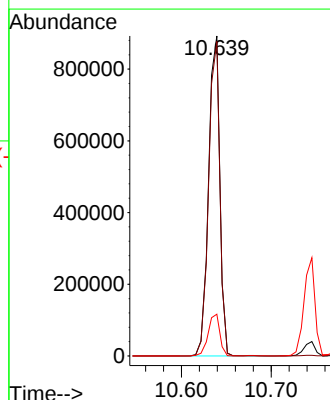
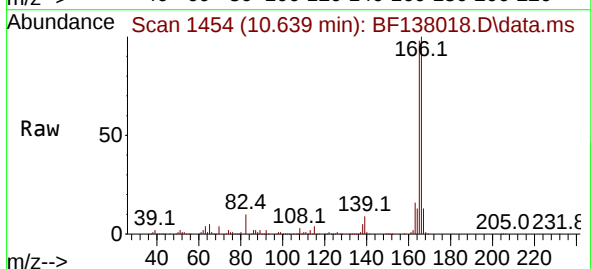
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

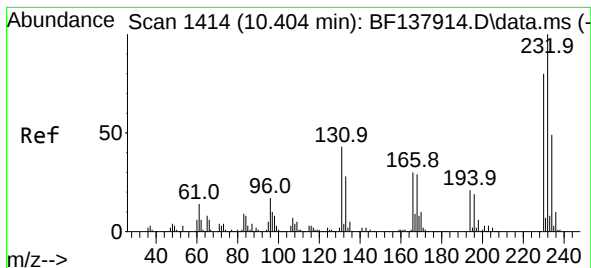
Tgt Ion:165 Resp: 247301
Ion Ratio Lower Upper
165 100
63 34.9 25.3 37.9
89 61.5 45.9 68.9
182 2.6 2.2 3.4



#58
Fluorene
Concen: 40.720 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:166 Resp: 778343
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.8
167 13.0 10.4 15.6

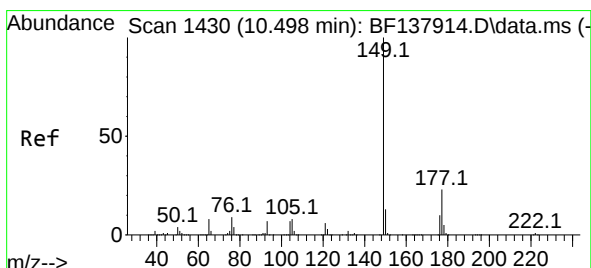
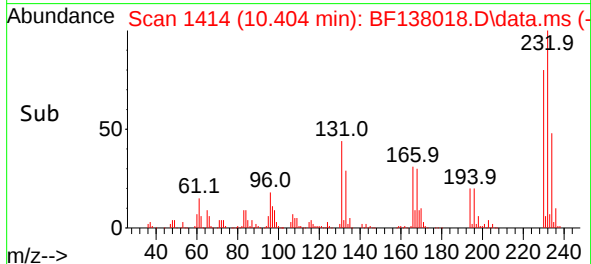
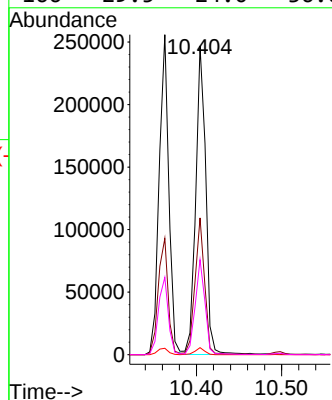
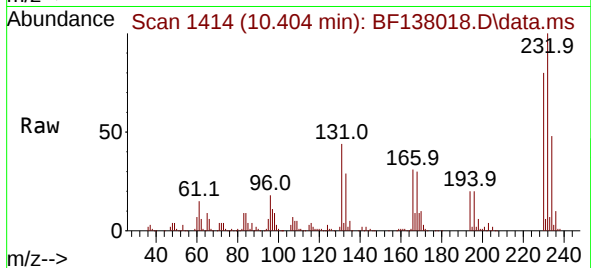




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.388 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

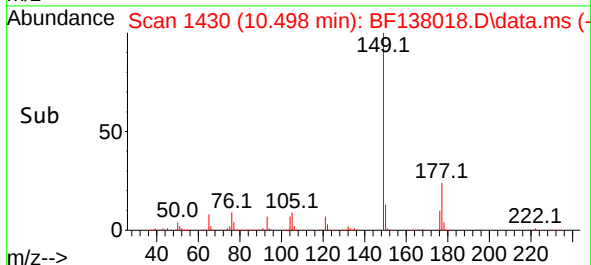
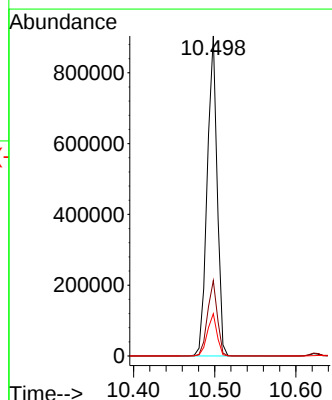
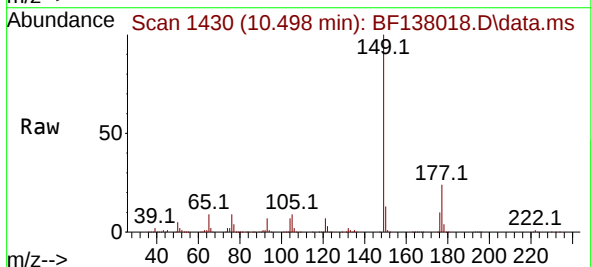
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

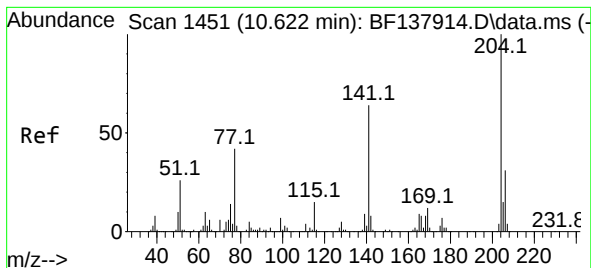
Tgt Ion:232 Resp: 202681
Ion Ratio Lower Upper
232 100
131 41.9 34.4 51.6
130 2.1 1.7 2.5
166 29.5 24.0 36.0



#60
Diethylphthalate
Concen: 41.833 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:149 Resp: 764568
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 13.2 10.1 15.1

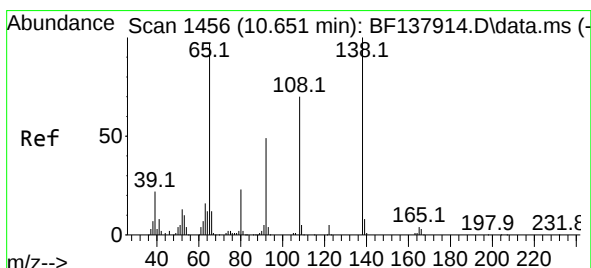
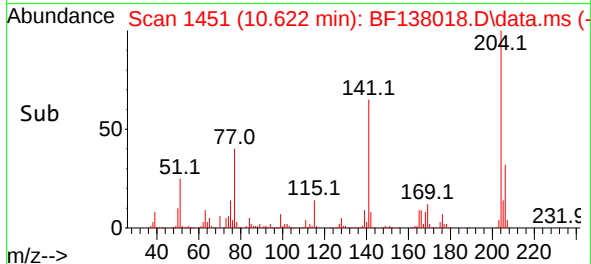
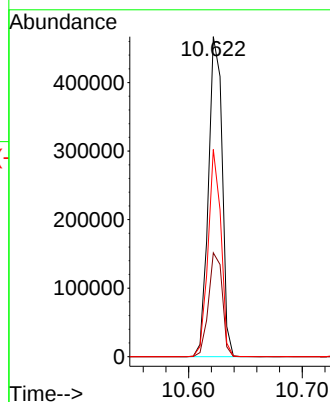
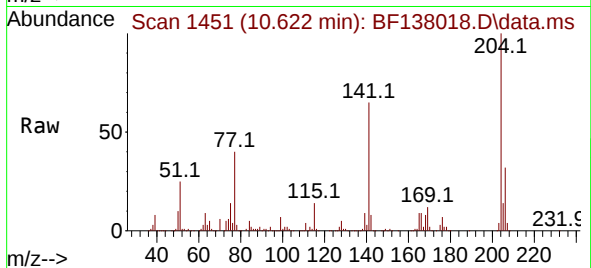




#61
4-Chlorophenyl-phenylether
Concen: 41.489 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

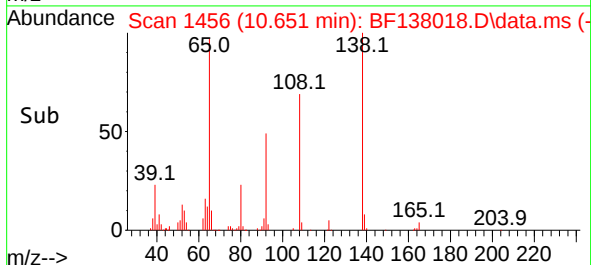
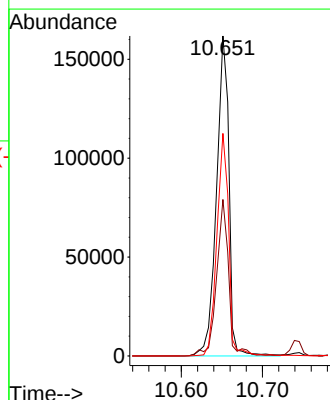
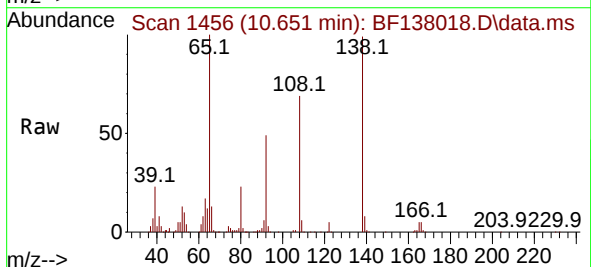
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

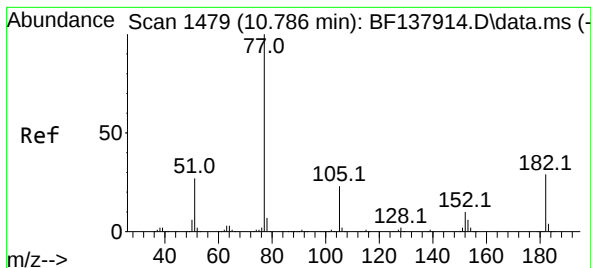
Tgt Ion:204 Resp: 391089
Ion Ratio Lower Upper
204 100
206 32.4 25.1 37.7
141 64.7 51.0 76.6



#62
4-Nitroaniline
Concen: 41.396 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:138 Resp: 172397
Ion Ratio Lower Upper
138 100
92 48.9 29.0 69.0
108 69.6 49.7 89.7





#63

Azobenzene

Concen: 40.783 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 677995

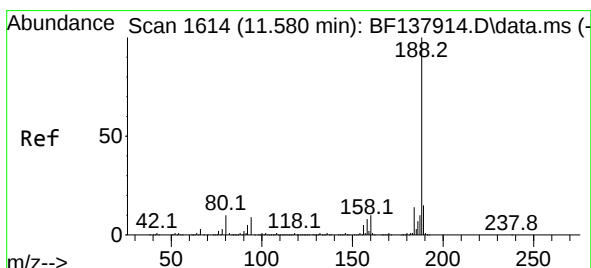
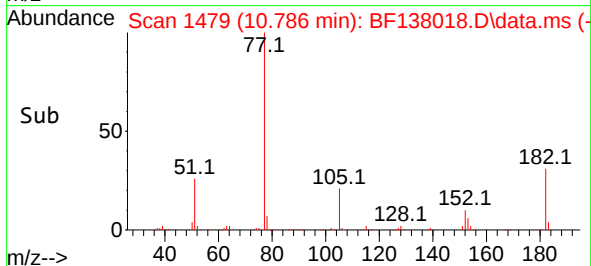
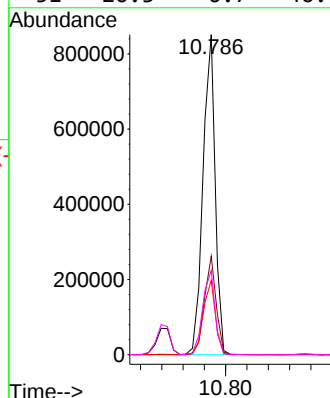
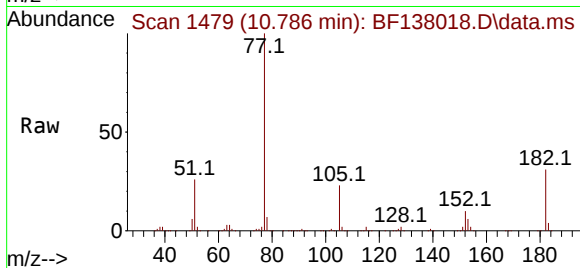
Ion Ratio Lower Upper

77 100

182 30.8 9.2 49.2

105 23.2 3.1 43.1

51 26.3 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.581 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

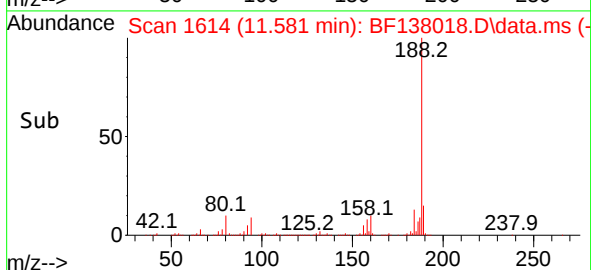
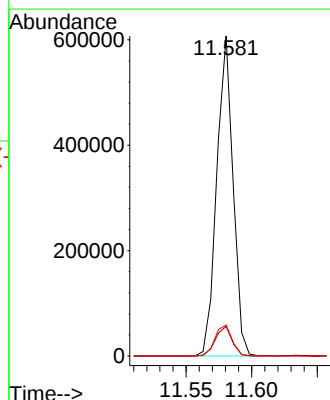
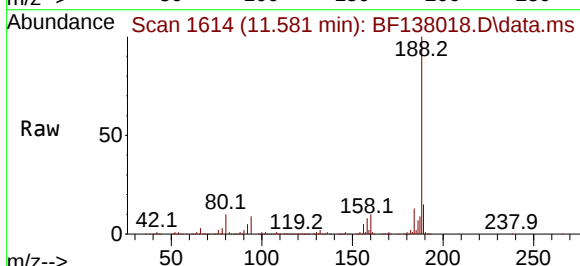
Tgt Ion:188 Resp: 524125

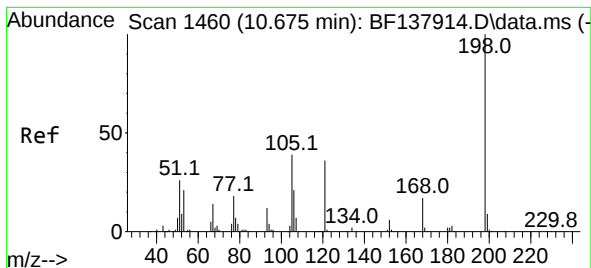
Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

80 9.7 7.7 11.5

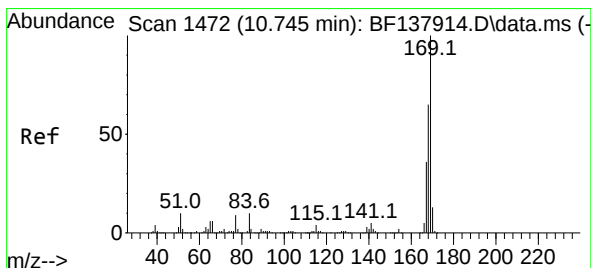
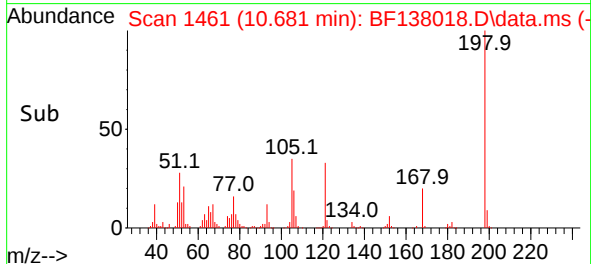
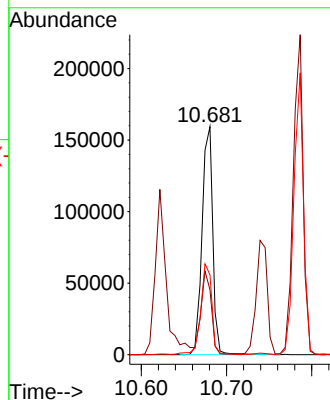
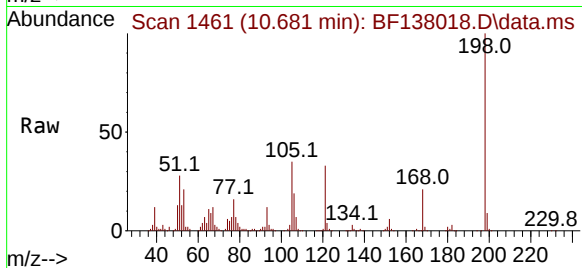




#65
4,6-Dinitro-2-methylphenol
Concen: 46.016 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

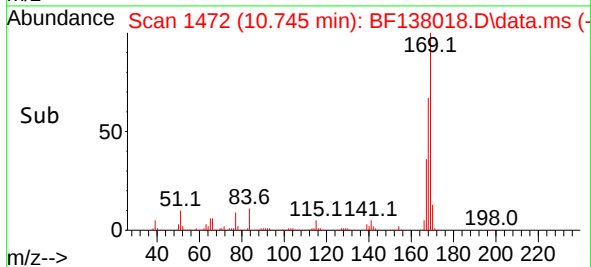
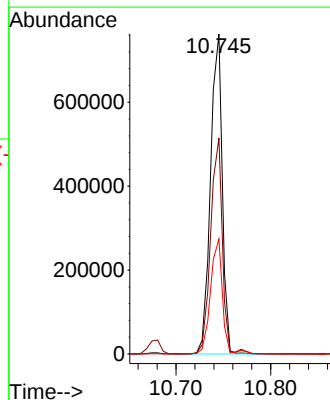
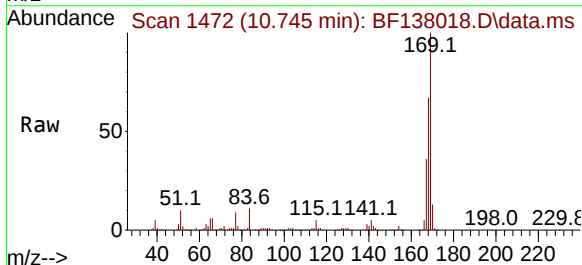
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

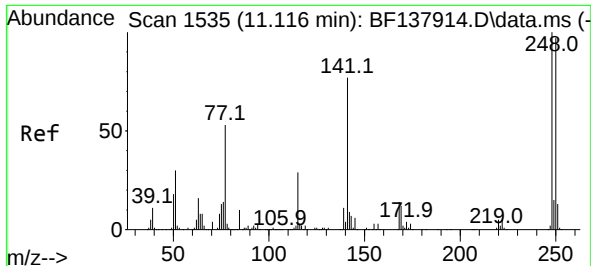
Tgt Ion:198 Resp: 139259
Ion Ratio Lower Upper
198 100
51 28.5 13.8 53.8
105 35.0 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 40.712 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:169 Resp: 654381
Ion Ratio Lower Upper
169 100
168 67.5 52.4 78.6
167 35.9 28.9 43.3

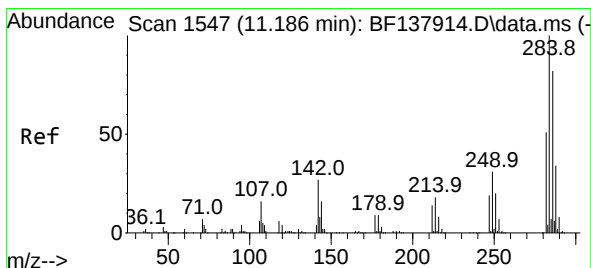
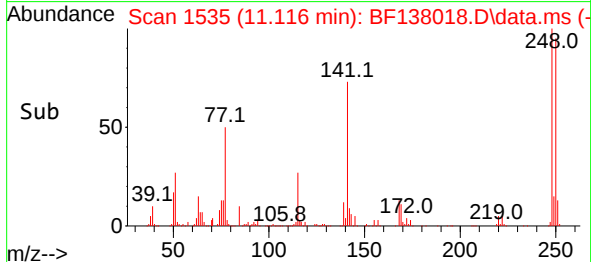
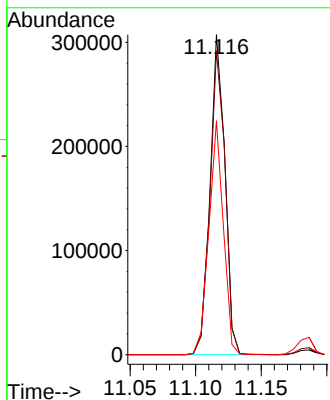
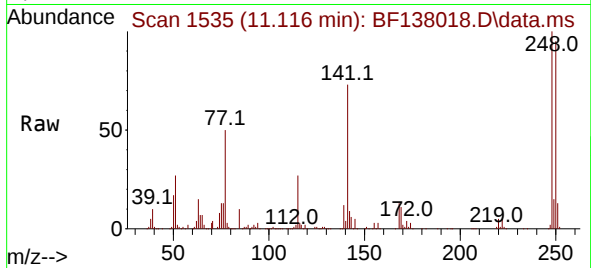




#67
4-Bromophenyl-phenylether
Concen: 42.247 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

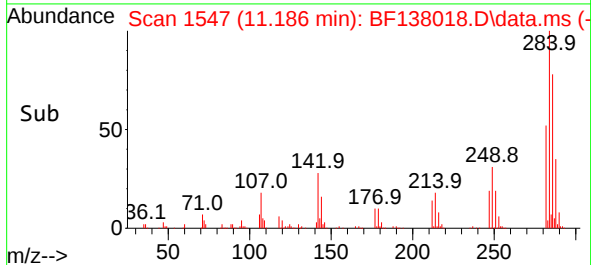
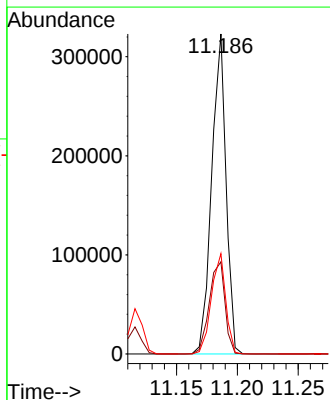
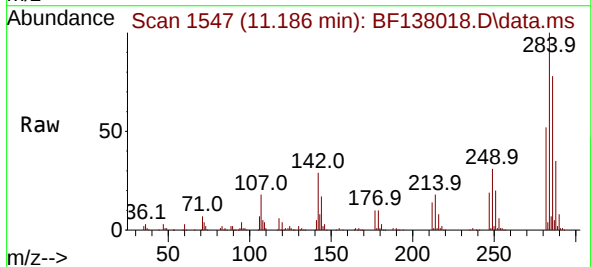
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

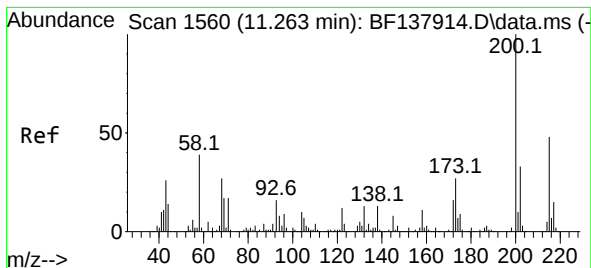
Tgt Ion:248 Resp: 242746
Ion Ratio Lower Upper
248 100
250 95.0 77.6 116.4
141 73.1 61.4 92.2



#68
Hexachlorobenzene
Concen: 41.589 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:284 Resp: 264147
Ion Ratio Lower Upper
284 100
142 28.8 21.3 31.9
249 31.4 24.6 37.0





#69

Atrazine

Concen: 39.488 ng

RT: 11.263 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

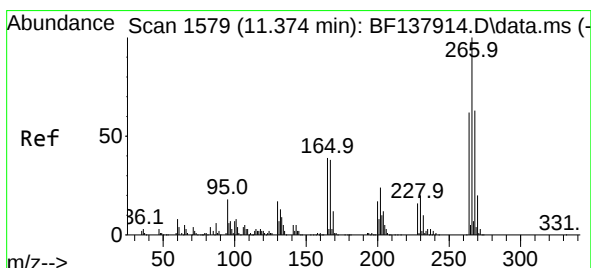
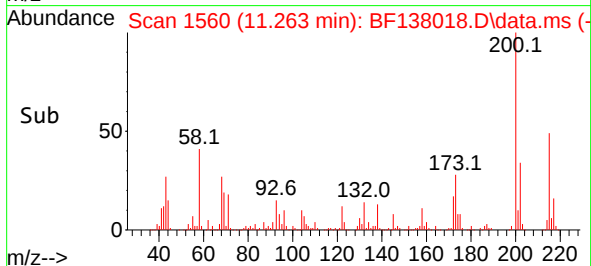
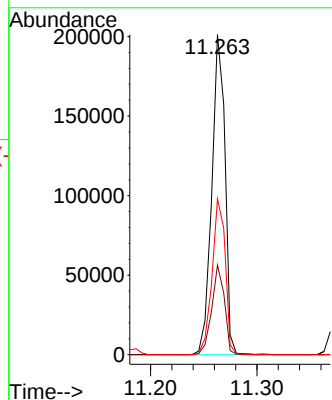
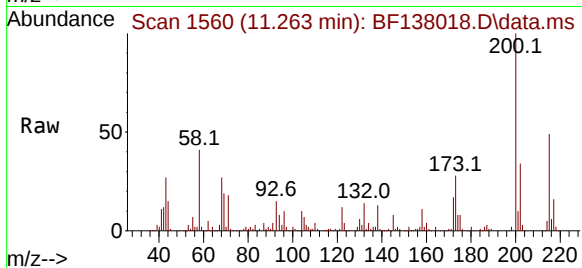
Tgt Ion:200 Resp: 173317

Ion Ratio Lower Upper

200 100

173 28.0 6.6 46.6

215 48.7 27.5 67.5



#70

Pentachlorophenol

Concen: 44.195 ng

RT: 11.375 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

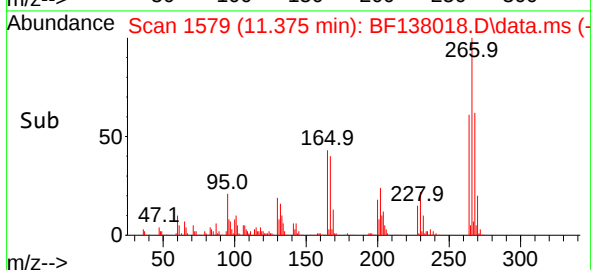
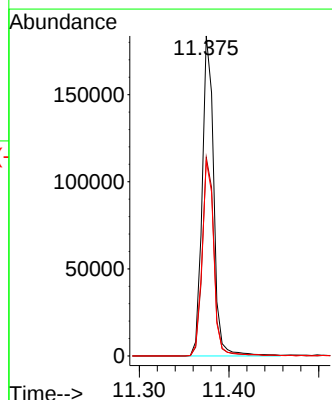
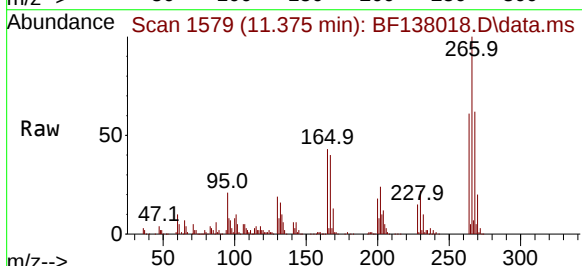
Tgt Ion:266 Resp: 164426

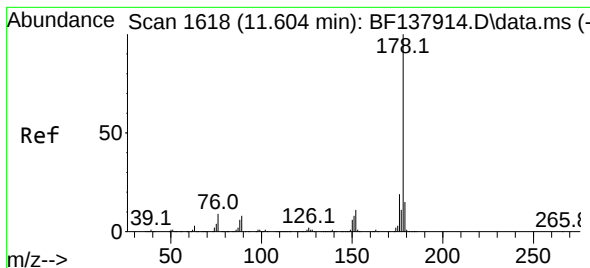
Ion Ratio Lower Upper

266 100

268 62.1 50.1 75.1

264 61.1 49.4 74.2





#71

Phenanthrene

Concen: 39.864 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

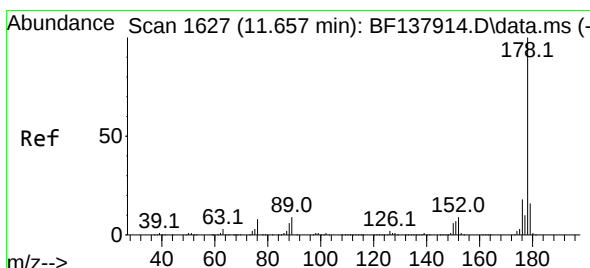
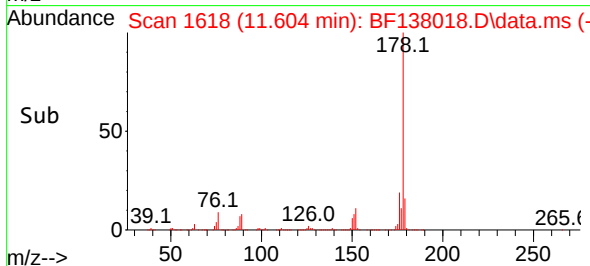
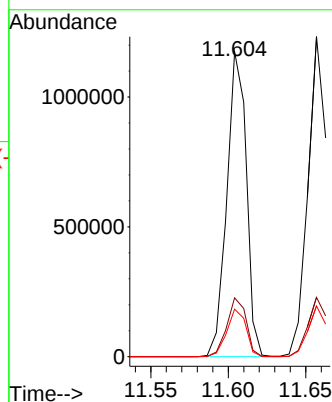
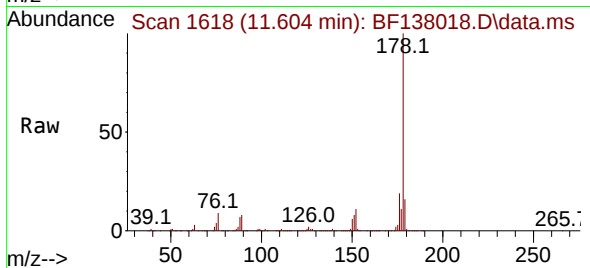
Tgt Ion:178 Resp: 1029630

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.6 12.2 18.4



#72

Anthracene

Concen: 40.395 ng

RT: 11.657 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

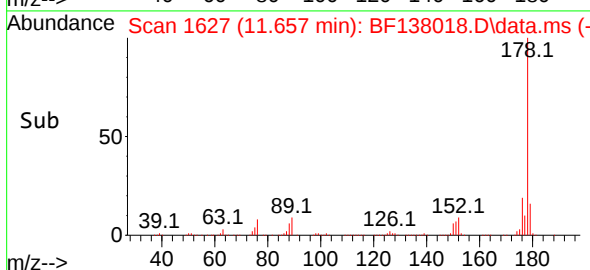
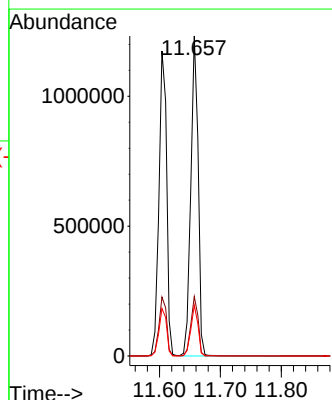
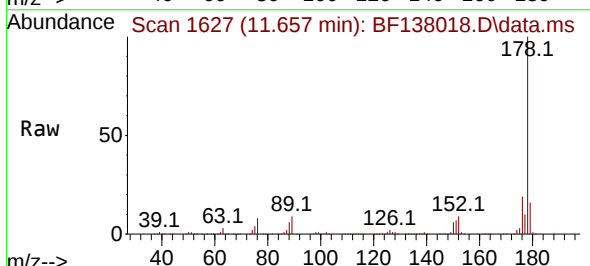
Tgt Ion:178 Resp: 1035185

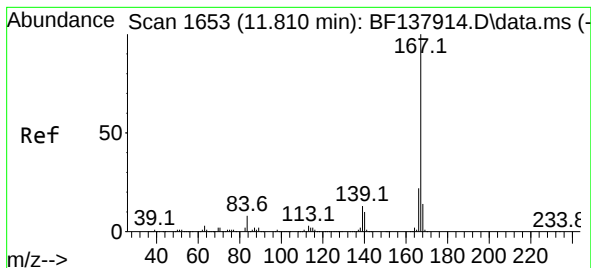
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.8 12.4 18.6





#73

Carbazole

Concen: 39.948 ng

RT: 11.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

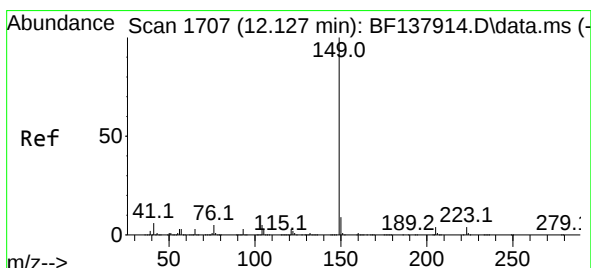
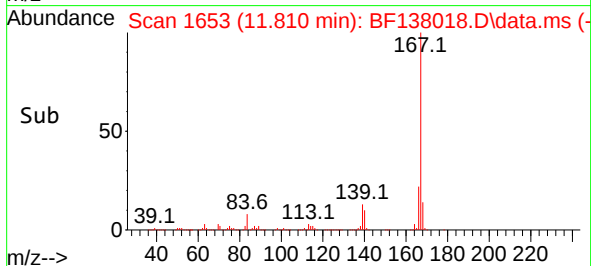
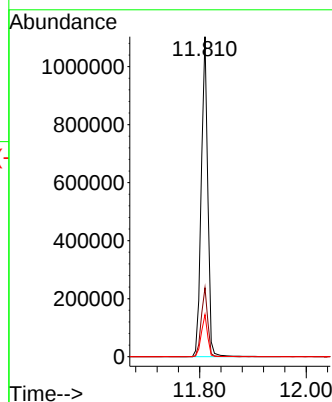
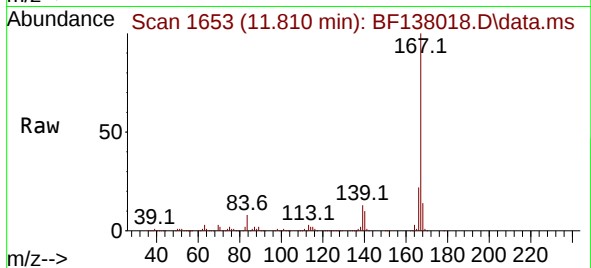
Tgt Ion:167 Resp: 935159

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 13.2 10.3 15.5



#74

Di-n-butylphthalate

Concen: 44.285 ng

RT: 12.128 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

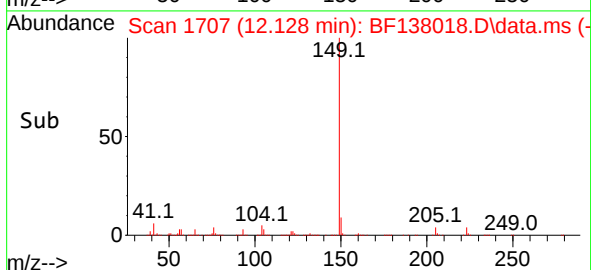
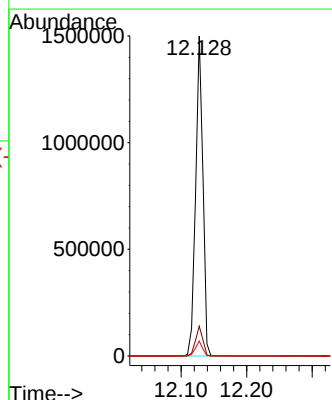
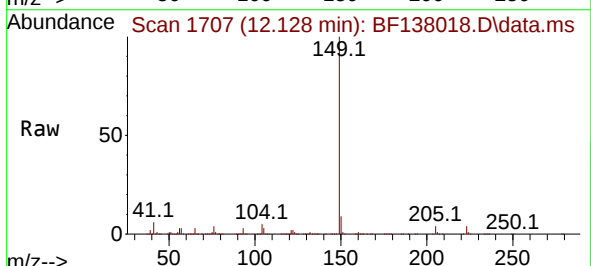
Tgt Ion:149 Resp: 1150515

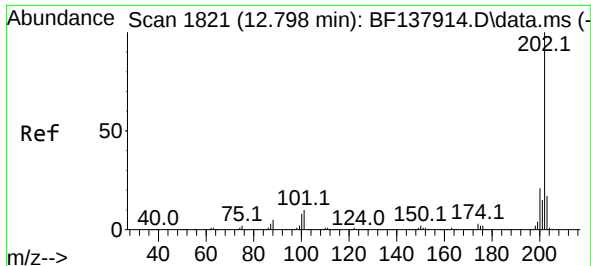
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.6 3.6 5.4

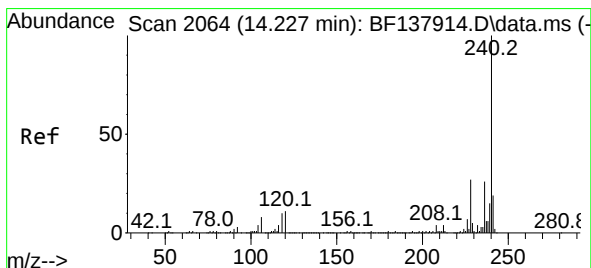
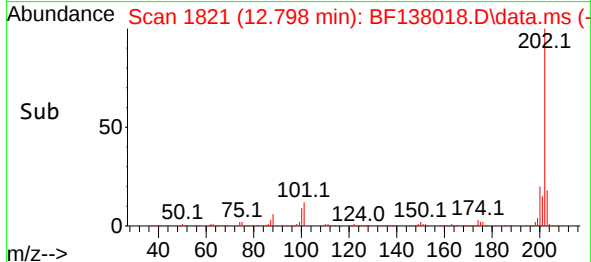
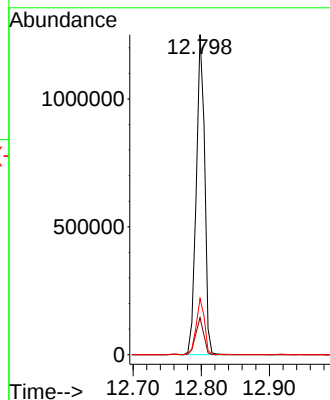
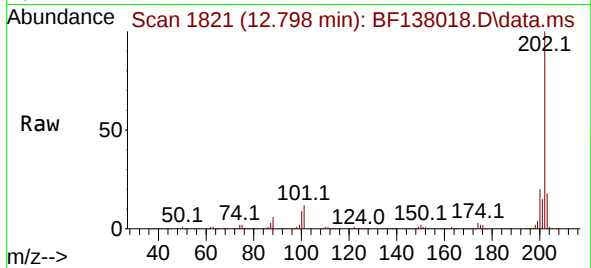




#75
Fluoranthene
Concen: 40.320 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

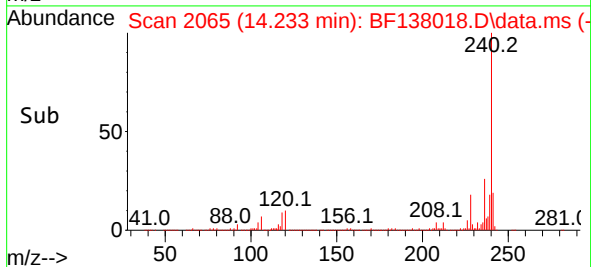
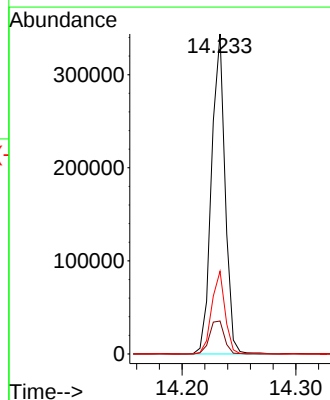
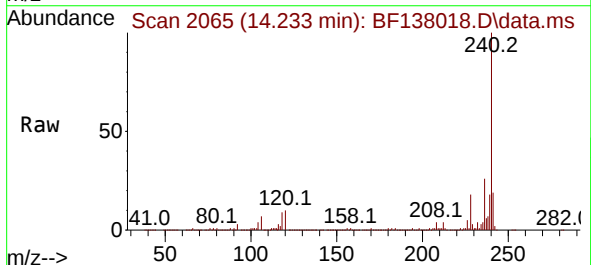
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

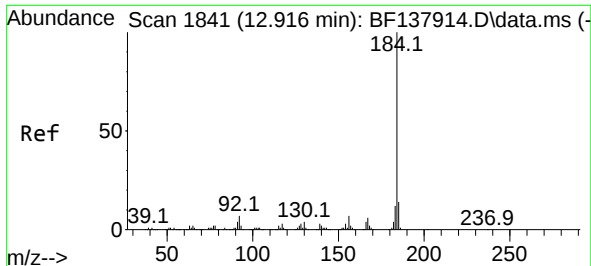
Tgt Ion:202 Resp: 1057033
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.5
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:240 Resp: 285140
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.9 21.0 31.4

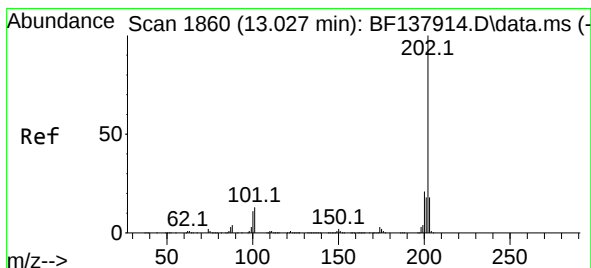
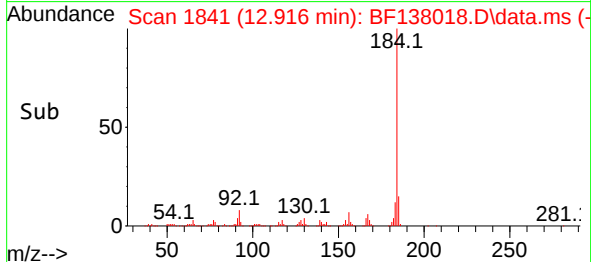
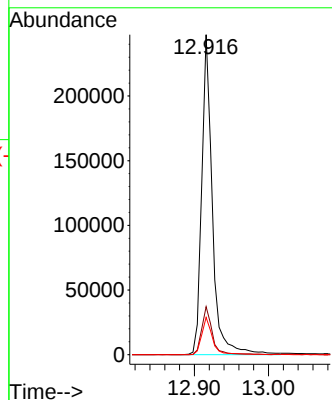
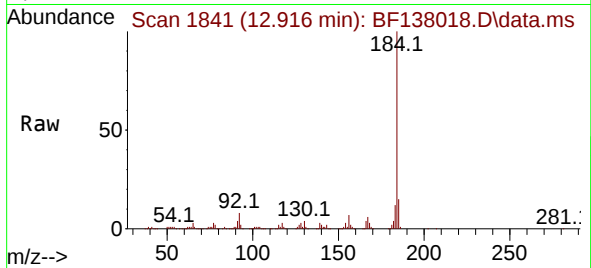




#77
Benzidine
Concen: 66.668 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

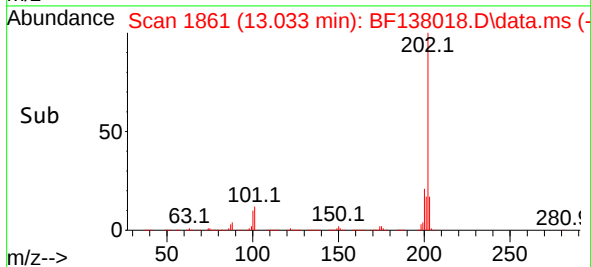
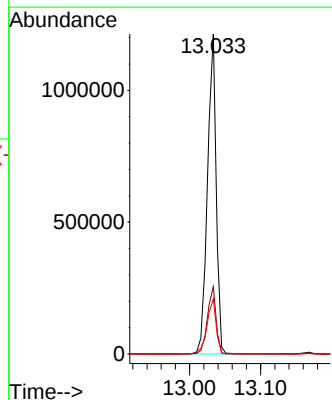
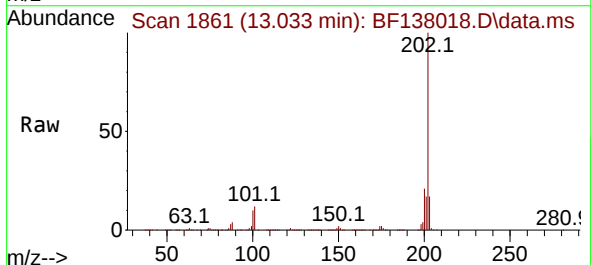
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

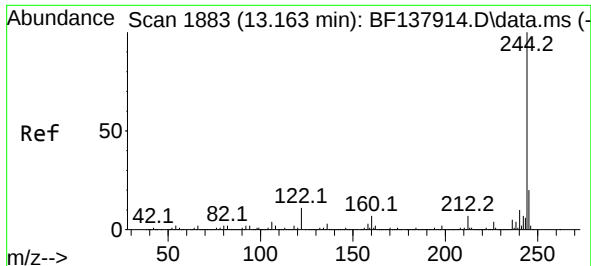
Tgt Ion:184 Resp: 248437
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.2
183 11.6 9.5 14.3



#78
Pyrene
Concen: 41.591 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:202 Resp: 1037257
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.2 14.1 21.1

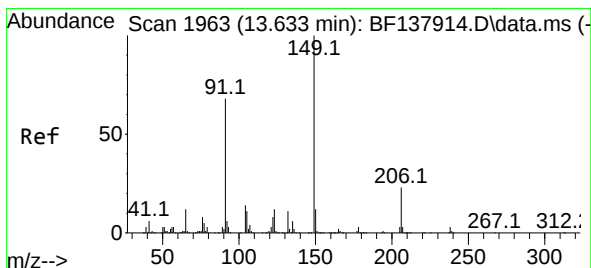
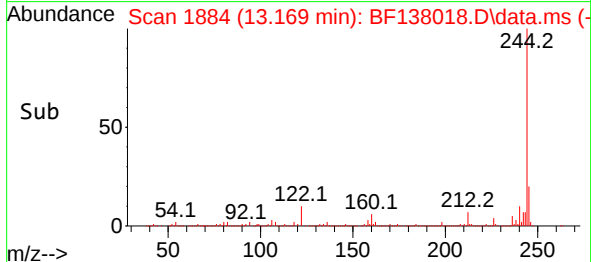
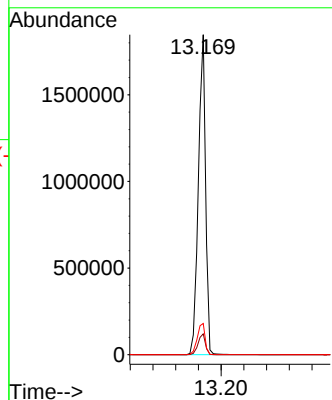
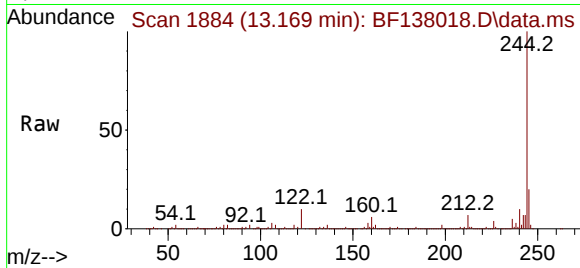




#79
 Terphenyl-d14
 Concen: 84.943 ng
 RT: 13.169 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF138018.D
 Acq: 23 May 2024 10:17

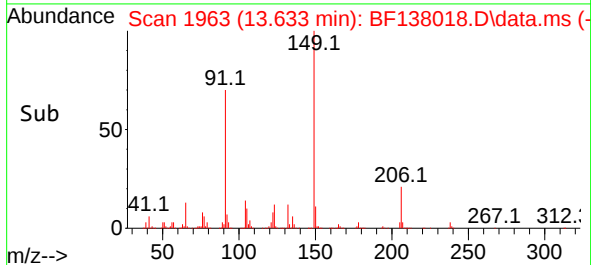
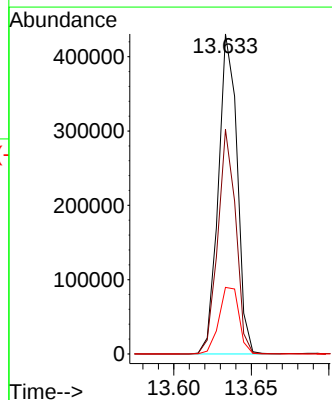
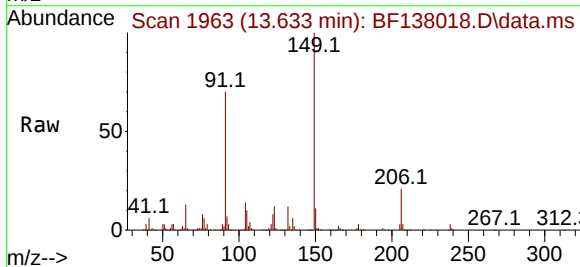
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

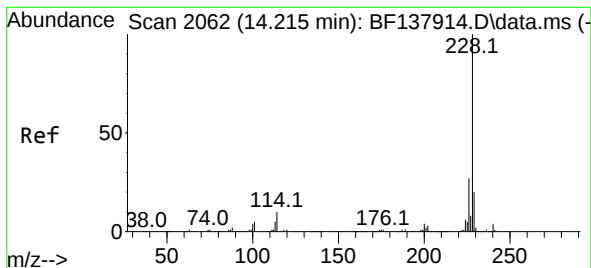
Tgt Ion:244 Resp: 1643422
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.8 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 48.258 ng
 RT: 13.633 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: BF138018.D
 Acq: 23 May 2024 10:17

Tgt Ion:149 Resp: 363016
 Ion Ratio Lower Upper
 149 100
 91 70.2 54.2 81.4
 206 20.8 18.1 27.1





#81

Benzo(a)anthracene

Concen: 41.378 ng

RT: 14.222 min Scan# 2063

Delta R.T. 0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

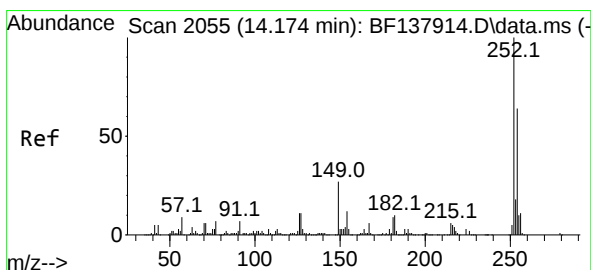
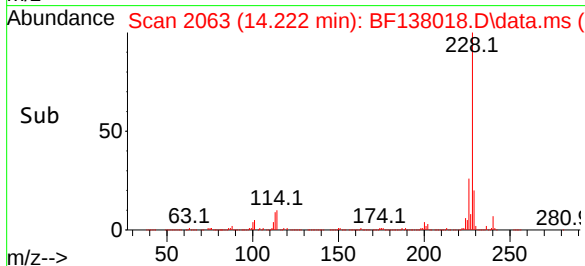
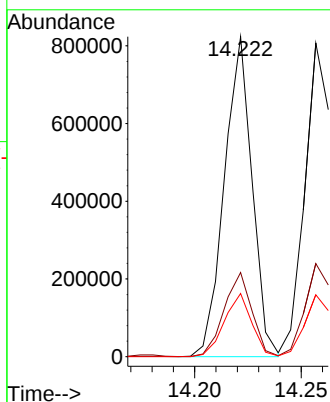
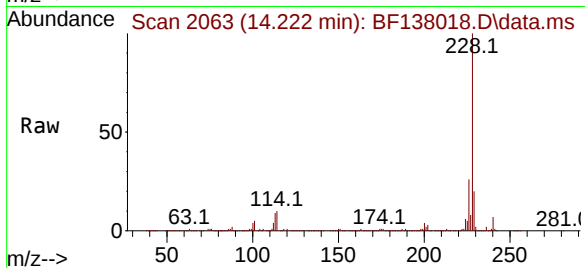
Tgt Ion:228 Resp: 746454

Ion Ratio Lower Upper

228 100

226 26.3 21.3 31.9

229 19.7 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 46.455 ng

RT: 14.180 min Scan# 2056

Delta R.T. 0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

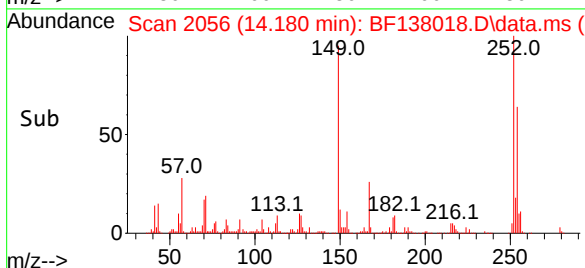
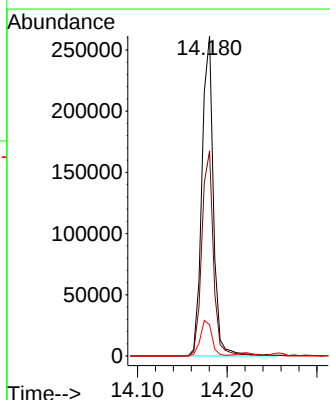
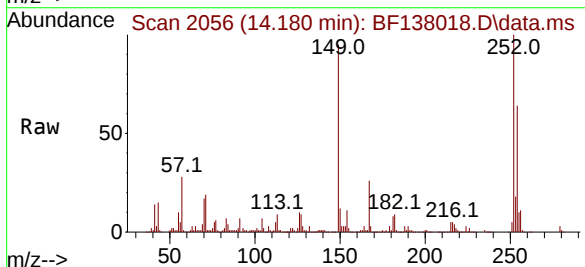
Tgt Ion:252 Resp: 232247

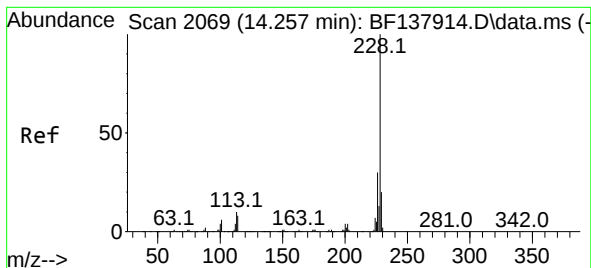
Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

126 9.7 8.7 13.1





#83

Chrysene

Concen: 41.277 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

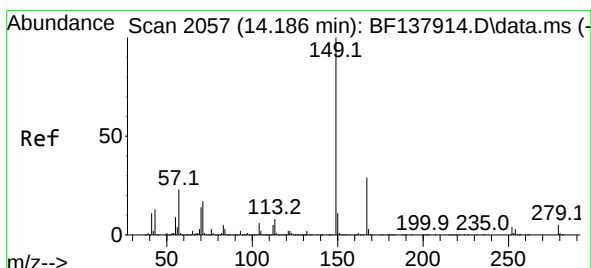
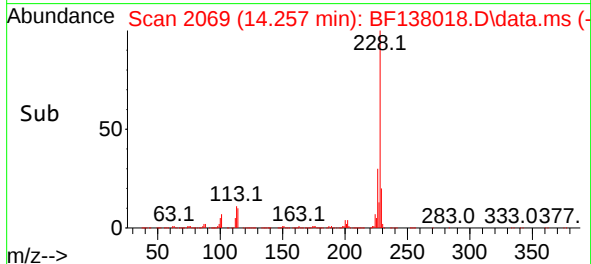
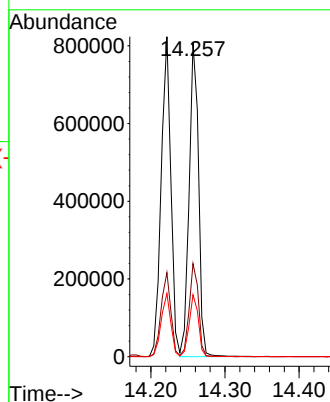
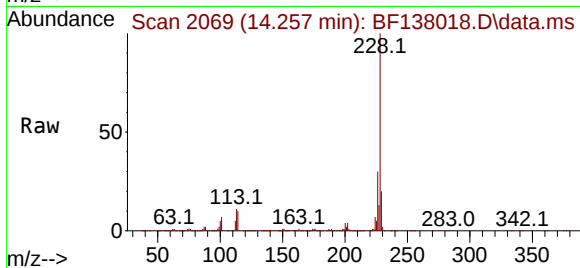
Tgt Ion:228 Resp: 712136

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.700 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

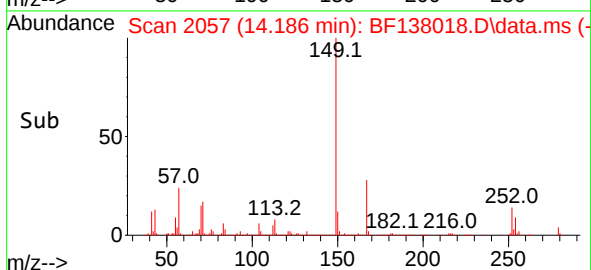
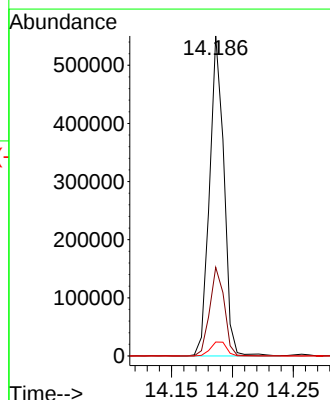
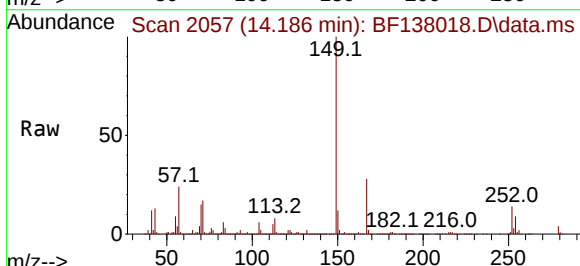
Tgt Ion:149 Resp: 451058

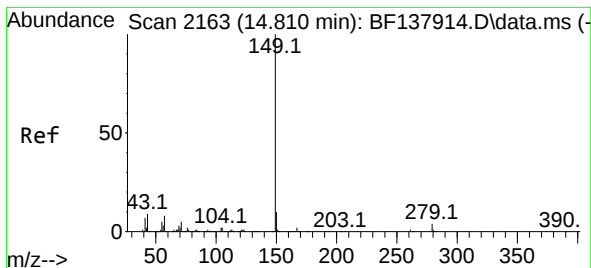
Ion Ratio Lower Upper

149 100

167 27.7 23.2 34.8

279 4.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 51.839 ng

RT: 14.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

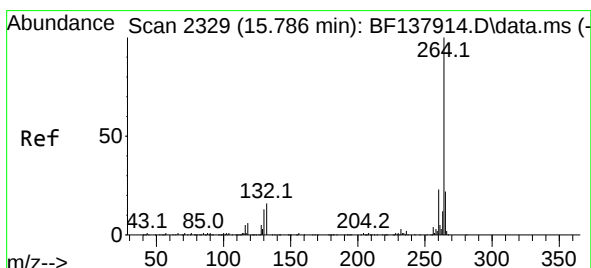
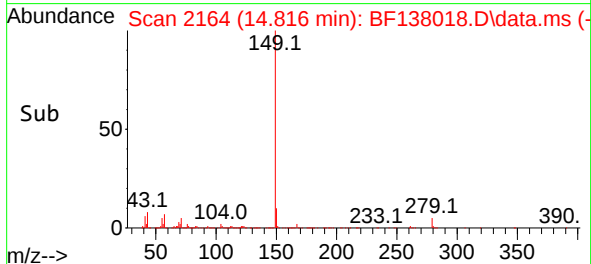
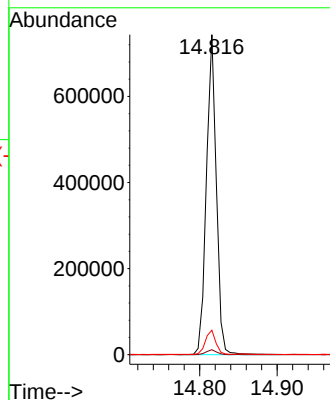
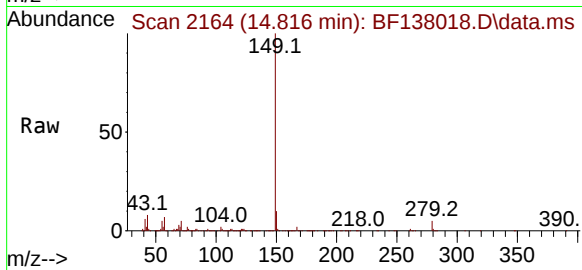
Tgt Ion:149 Resp: 662232

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 7.7 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. 0.012 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

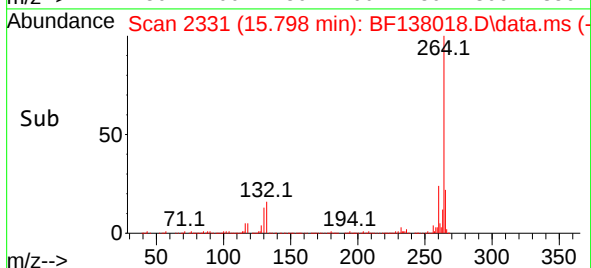
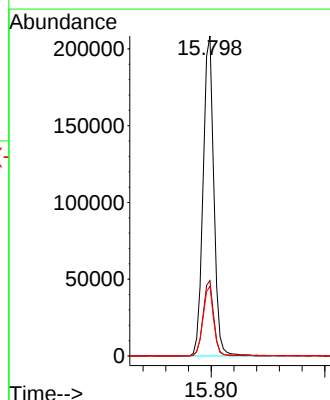
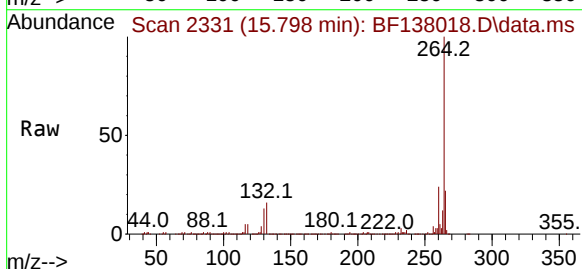
Tgt Ion:264 Resp: 273842

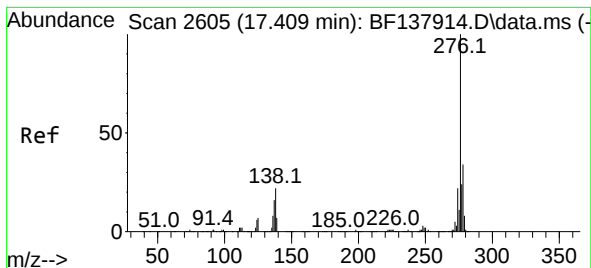
Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.8 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.254 ng

RT: 17.427 min Scan# 2

Delta R.T. 0.018 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

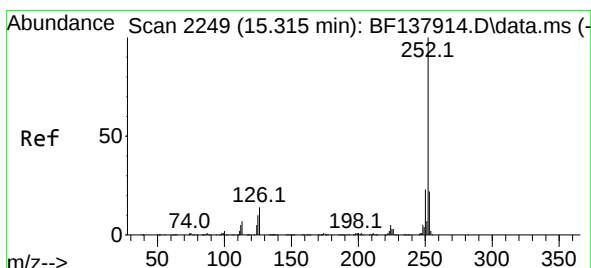
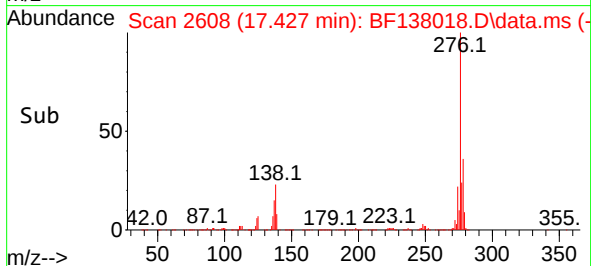
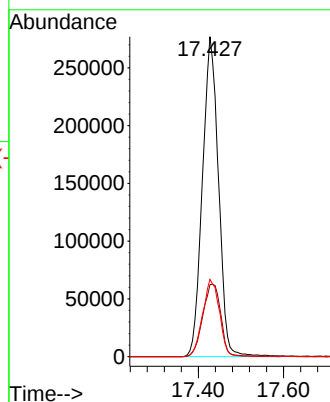
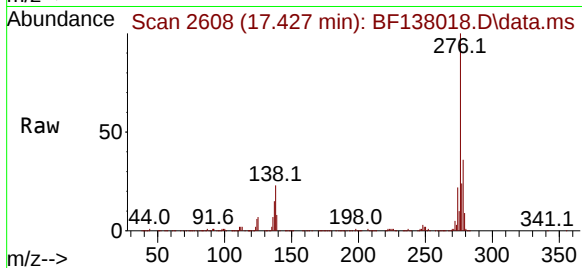
Tgt Ion:276 Resp: 725813

Ion Ratio Lower Upper

276 100

138 25.4 20.6 30.8

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.292 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.012 min

Lab File: BF138018.D

Acq: 23 May 2024 10:17

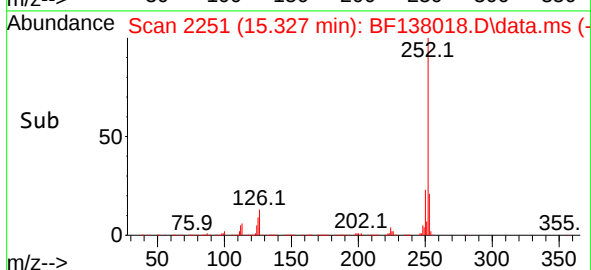
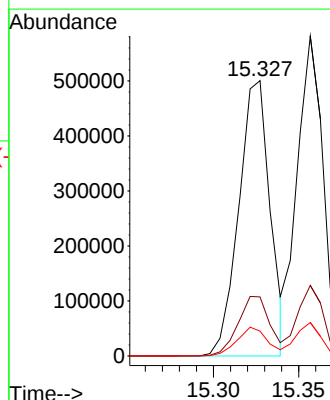
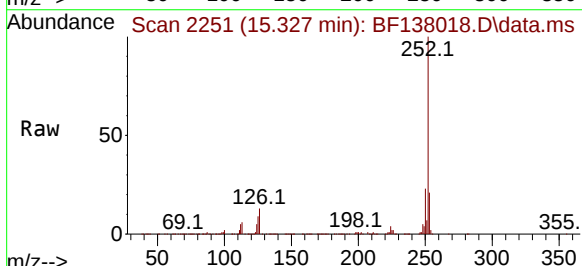
Tgt Ion:252 Resp: 638860

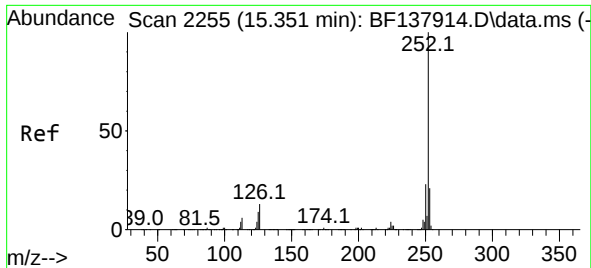
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 9.0 8.2 12.4

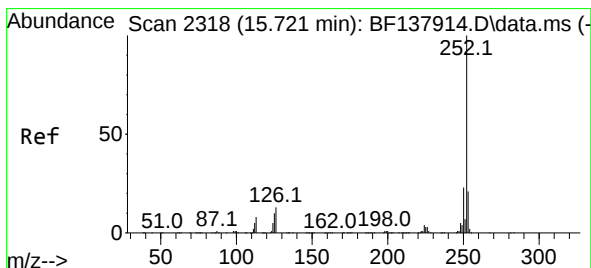
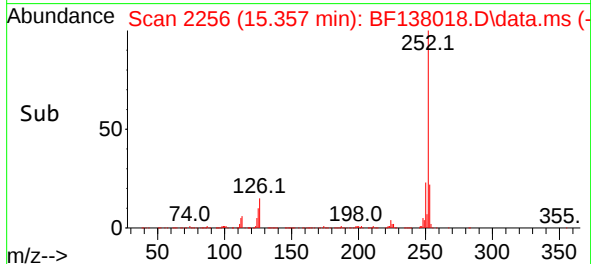
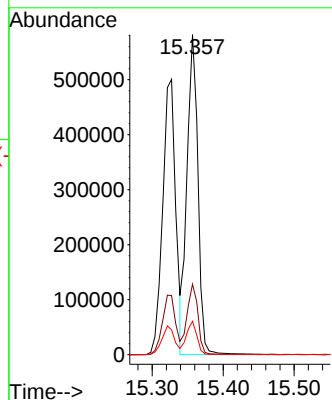
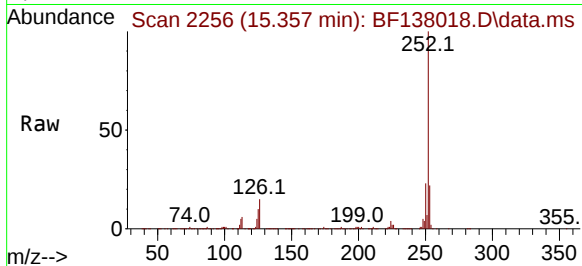




#89
Benzo(k)fluoranthene
Concen: 39.989 ng
RT: 15.357 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

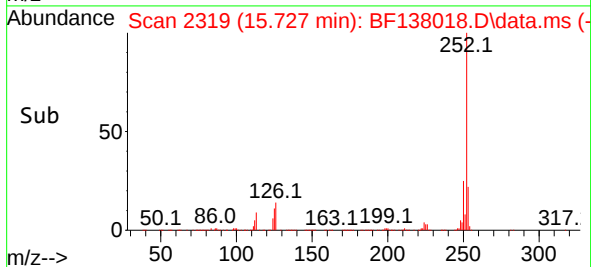
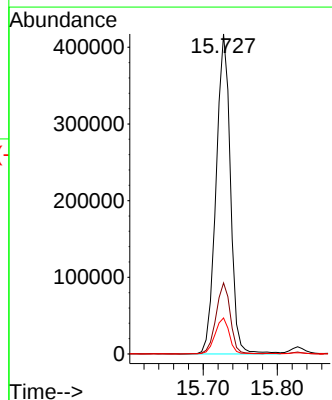
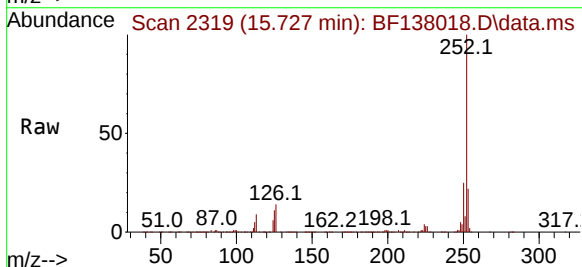
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

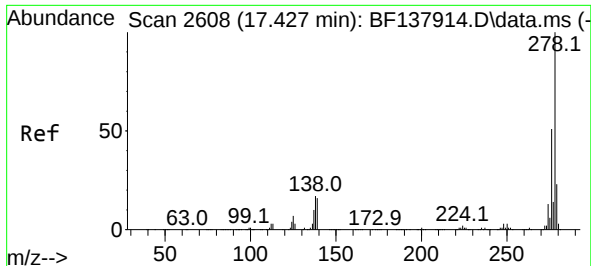
Tgt Ion:252 Resp: 622888
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.5 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.364 ng
RT: 15.727 min Scan# 2319
Delta R.T. 0.006 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:252 Resp: 560038
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.2 7.8 11.8

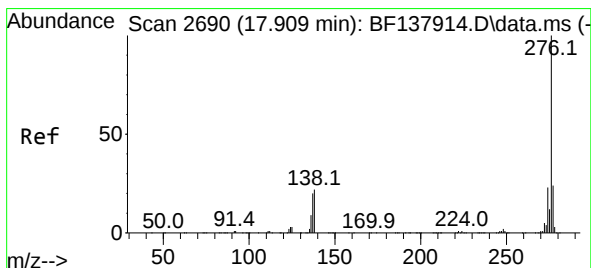
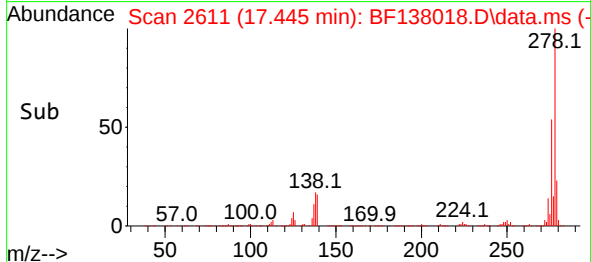
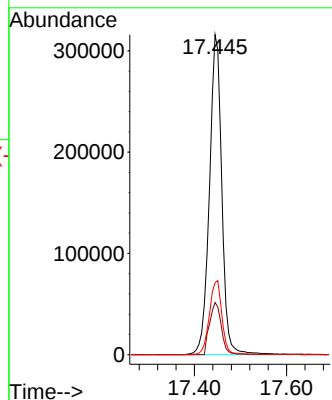
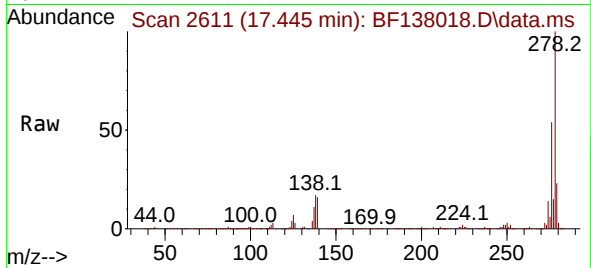




#91
Dibenzo(a,h)anthracene
Concen: 40.827 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.018 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 593461
Ion Ratio Lower Upper
278 100
139 16.3 13.1 19.7
279 22.5 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 40.012 ng
RT: 17.927 min Scan# 2693
Delta R.T. 0.018 min
Lab File: BF138018.D
Acq: 23 May 2024 10:17

Tgt Ion:276 Resp: 610989
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 21.9 17.6 26.4

