

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136306.D
 Acq On : 30 Nov 2023 11:04
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 30 11:42:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	121892	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	517433	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	265187	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	468098	20.000	ng	0.00
76) Chrysene-d12	13.986	240	217276	20.000	ng	0.00
86) Perylene-d12	15.468	264	228915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	718967	82.097	ng	0.00
7) Phenol-d6	6.446	99	886975	81.001	ng	0.00
23) Nitrobenzene-d5	7.375	82	822370	83.985	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	267580	82.532	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1689412	81.373	ng	0.00
79) Terphenyl-d14	12.933	244	1594241	84.636	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	135861	41.001	ng	97
3) Pyridine	3.346	79	344357	42.099	ng	95
4) n-Nitrosodimethylamine	3.310	42	152086	36.782	ng	88
6) Aniline	6.475	93	453280	43.796	ng	96
8) 2-Chlorophenol	6.593	128	395229	41.448	ng	98
9) Benzaldehyde	6.363	77	243034	39.821	ng	97
10) Phenol	6.457	94	474079	40.355	ng	96
11) bis(2-Chloroethyl)ether	6.551	93	352942	40.953	ng	96
12) 1,3-Dichlorobenzene	6.751	146	439563	40.620	ng	99
13) 1,4-Dichlorobenzene	6.828	146	446921	40.626	ng	97
14) 1,2-Dichlorobenzene	6.975	146	428599	41.154	ng	97
15) Benzyl Alcohol	6.951	79	304209	39.624	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	471624	39.398	ng	99
17) 2-Methylphenol	7.063	107	310661	41.440	ng	98
18) Hexachloroethane	7.316	117	156824	40.642	ng	91
19) n-Nitroso-di-n-propyla...	7.222	70	264383	40.369	ng	98
20) 3+4-Methylphenols	7.216	107	395145	40.557	ng	97
22) Acetophenone	7.216	105	550075	40.478	ng	95
24) Nitrobenzene	7.393	77	413569	41.678	ng	95
25) Isophorone	7.628	82	727104	41.181	ng	99
26) 2-Nitrophenol	7.704	139	195939	46.344	ng	96
27) 2,4-Dimethylphenol	7.740	122	240744	43.262	ng	96
28) bis(2-Chloroethoxy)met...	7.840	93	449040	42.046	ng	98
29) 2,4-Dichlorophenol	7.945	162	321152	42.786	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	383858	41.770	ng	99
31) Naphthalene	8.110	128	1227826	42.217	ng	99
32) Benzoic acid	7.863	122	238047	46.937	ng	96
33) 4-Chloroaniline	8.157	127	419833	42.467	ng	98
34) Hexachlorobutadiene	8.222	225	223632	41.596	ng	98
35) Caprolactam	8.534	113	91130	43.431	ng	92
36) 4-Chloro-3-methylphenol	8.640	107	334477	41.087	ng	95
37) 2-Methylnaphthalene	8.798	142	757796	41.537	ng	99
38) 1-Methylnaphthalene	8.898	142	735071	41.302	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	355784	42.156	ng	98
41) Hexachlorocyclopentadiene	8.951	237	128596	39.599	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	227531	41.536	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	253774	42.452	ng	99
46) 1,1'-Biphenyl	9.263	154	968796	41.427	ng	97
47) 2-Chloronaphthalene	9.292	162	756559	41.659	ng	99
48) 2-Nitroaniline	9.387	65	197050	41.559	ng	89
49) Acenaphthylene	9.704	152	1078040	41.596	ng	99
50) Dimethylphthalate	9.569	163	816159	40.720	ng	99
51) 2,6-Dinitrotoluene	9.634	165	177731	43.405	ng	90
52) Acenaphthene	9.881	154	678477	41.426	ng	99
53) 3-Nitroaniline	9.798	138	176662	43.482	ng	100
54) 2,4-Dinitrophenol	9.904	184	78838	41.398	ng	94
55) Dibenzofuran	10.051	168	991105	40.667	ng	98
56) 4-Nitrophenol	9.957	139	122715	39.768	ng	91
57) 2,4-Dinitrotoluene	10.034	165	233517	42.694	ng	91
58) Fluorene	10.392	166	776209	40.604	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	193066	40.591	ng	99
60) Diethylphthalate	10.269	149	801545	39.978	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	369095	39.758	ng	97
62) 4-Nitroaniline	10.416	138	163836	41.196	ng	95
63) Azobenzene	10.551	77	737927	39.700	ng	94
65) 4,6-Dinitro-2-methylph...	10.445	198	114944	44.904	ng	88
66) n-Nitrosodiphenylamine	10.510	169	648934	43.260	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	231485	42.388	ng	93
68) Hexachlorobenzene	10.939	284	270781	42.842	ng	# 91
69) Atrazine	11.039	200	174379	39.187	ng	99
70) Pentachlorophenol	11.133	266	152440	42.668	ng	97
71) Phenanthrene	11.363	178	1095114	41.625	ng	99
72) Anthracene	11.410	178	1107952	41.994	ng	99
73) Carbazole	11.569	167	912287	40.656	ng	100
74) Di-n-butylphthalate	11.904	149	1137594	40.518	ng	99
75) Fluoranthene	12.551	202	1030383	38.579	ng	96
77) Benzidine	12.680	184	245677	68.786	ng	98
78) Pyrene	12.780	202	1036551	43.561	ng	98
80) Butylbenzylphthalate	13.410	149	319403	43.129	ng	98
81) Benzo(a)anthracene	13.974	228	655422	40.612	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	185302	47.699	ng	96
83) Chrysene	14.016	228	649403	41.675	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	386979	43.540	ng	# 100
85) Di-n-octyl phthalate	14.592	149	670606	46.623	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.980	276	690785	40.797	ng	99
88) Benzo(b)fluoranthene	15.033	252	627504	39.072	ng	99
89) Benzo(k)fluoranthene	15.063	252	577069	37.832	ng	98
90) Benzo(a)pyrene	15.410	252	534880	40.741	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	547757	40.344	ng	99
92) Benzo(g,h,i)perylene	17.439	276	562618	41.111	ng	99

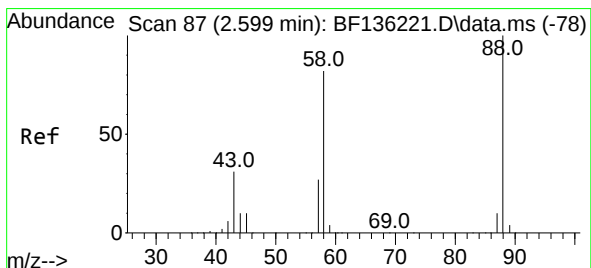
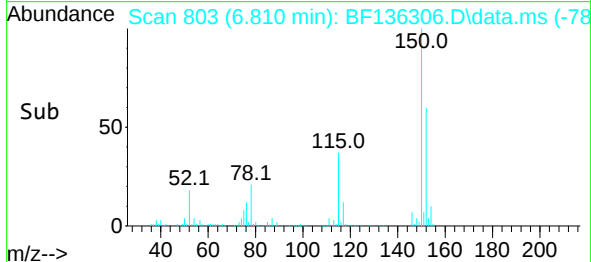
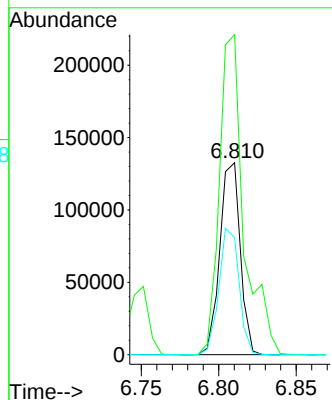
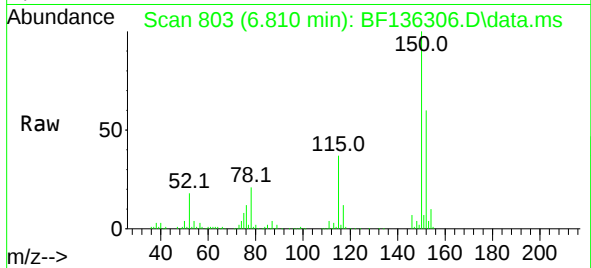
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136306.D
 Acq: 30 Nov 2023 11:04

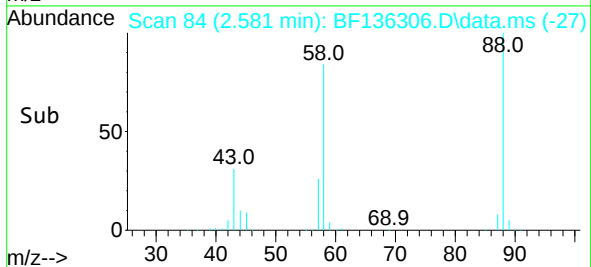
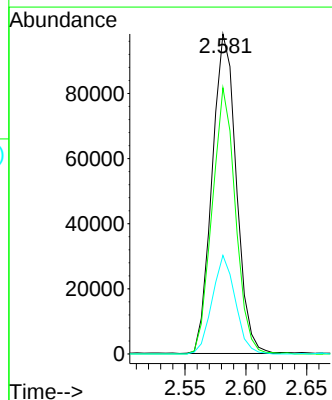
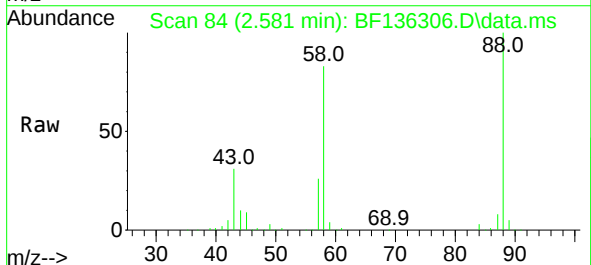
Instrument :
 BNA_F
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 SSTDCCC040

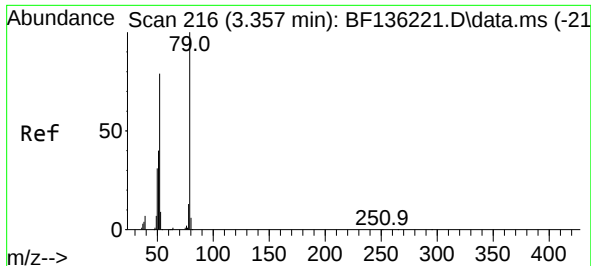
Tgt Ion:152 Resp: 121892
 Ion Ratio Lower Upper
 152 100
 150 166.7 137.8 206.8
 115 61.0 52.7 79.1



#2
 1,4-Dioxane
 Concen: 41.001 ng
 RT: 2.581 min Scan# 84
 Delta R.T. -0.017 min
 Lab File: BF136306.D
 Acq: 30 Nov 2023 11:04

Tgt Ion: 88 Resp: 135861
 Ion Ratio Lower Upper
 88 100
 58 80.2 65.9 98.9
 43 29.4 24.8 37.2

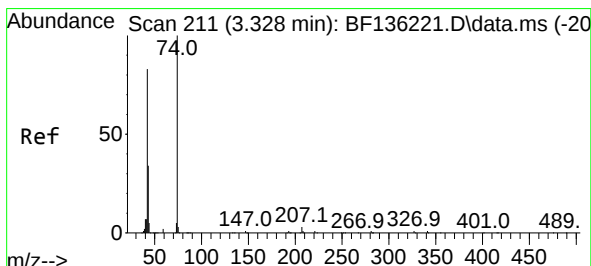
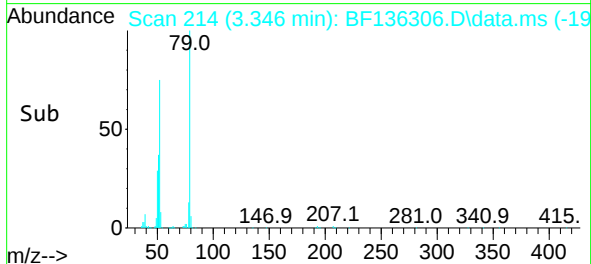
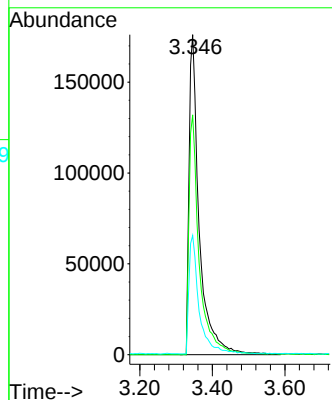
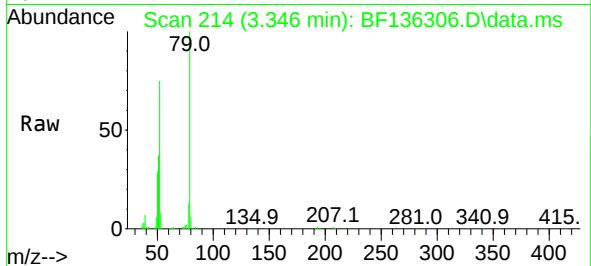




#3
Pyridine
Concen: 42.099 ng
RT: 3.346 min Scan# 216
Delta R.T. -0.012 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

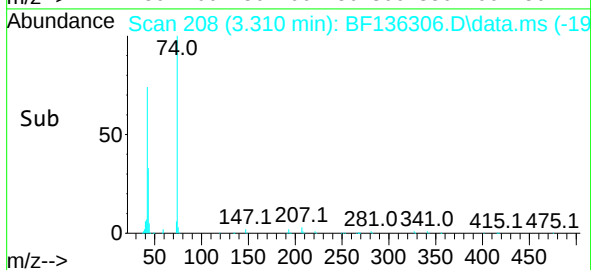
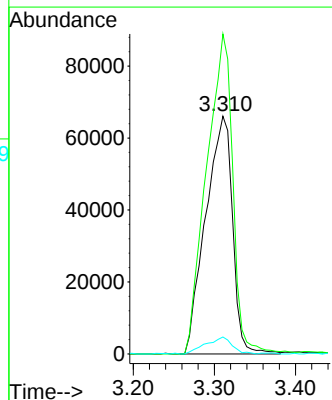
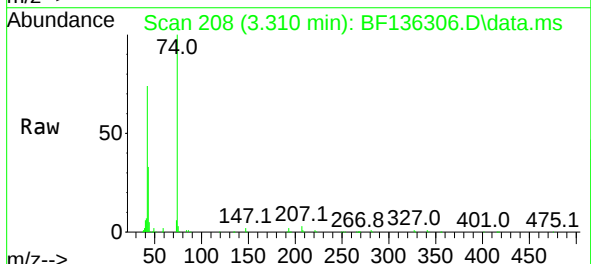
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

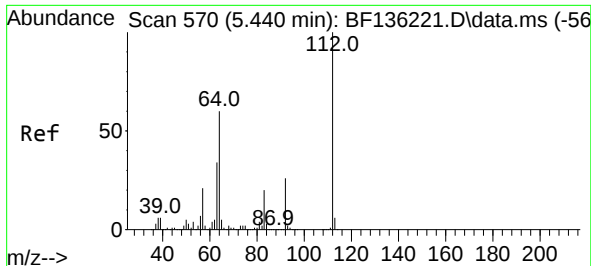
Tgt Ion: 79 Resp: 344357
Ion Ratio Lower Upper
79 100
52 74.9 63.2 94.8
51 37.2 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 36.782 ng
RT: 3.310 min Scan# 208
Delta R.T. -0.017 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion: 42 Resp: 152086
Ion Ratio Lower Upper
42 100
74 134.6 96.6 144.8
44 7.1 5.4 8.2

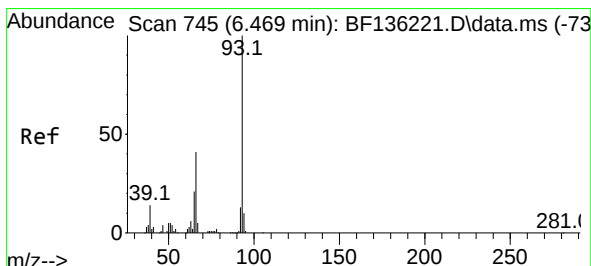
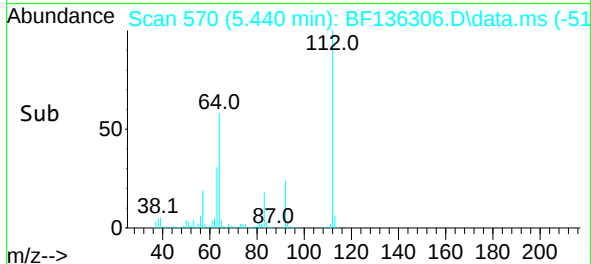
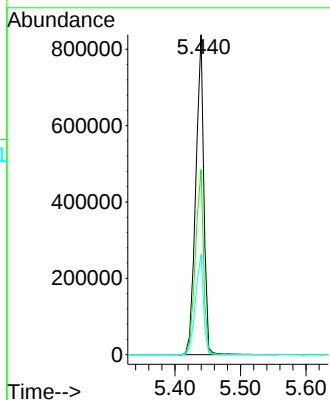
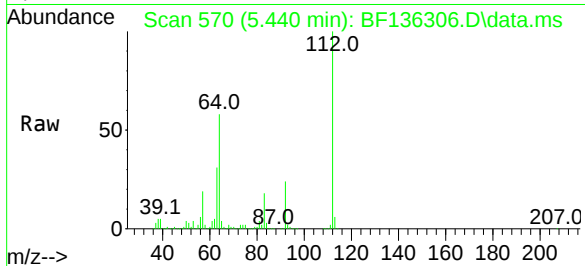




#5
2-Fluorophenol
Concen: 82.097 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

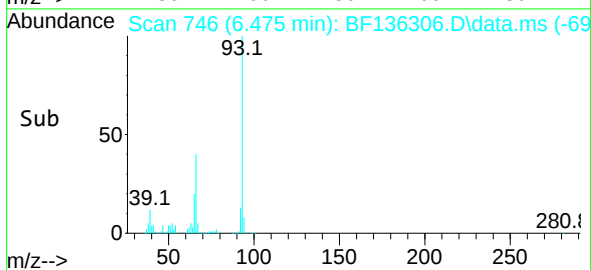
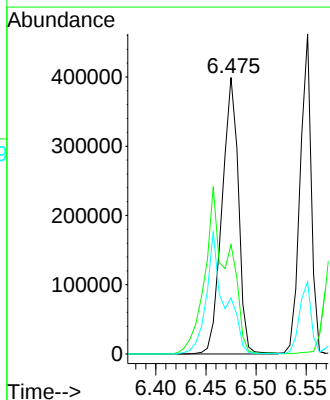
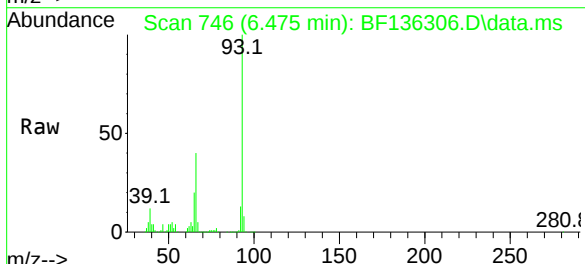
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 718967
Ion Ratio Lower Upper
112 100
64 57.9 48.2 72.4
63 31.3 27.0 40.6



#6
Aniline
Concen: 43.796 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion: 93 Resp: 453280
Ion Ratio Lower Upper
93 100
66 39.5 34.1 51.1
65 20.2 17.3 25.9

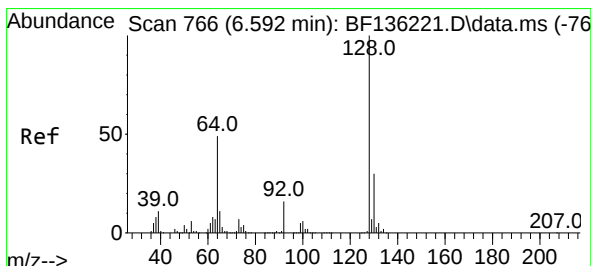
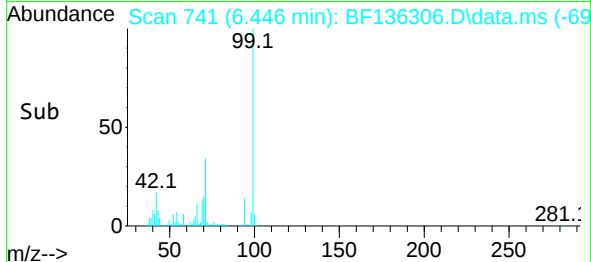
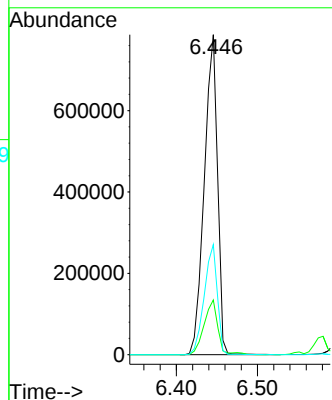
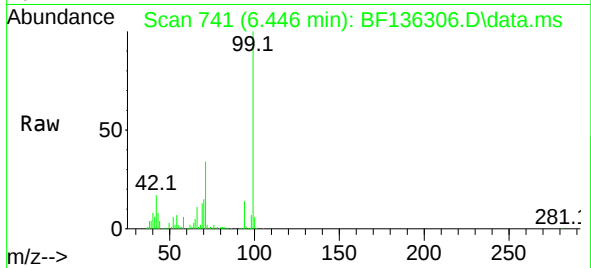




#7
Phenol-d6
Concen: 81.001 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

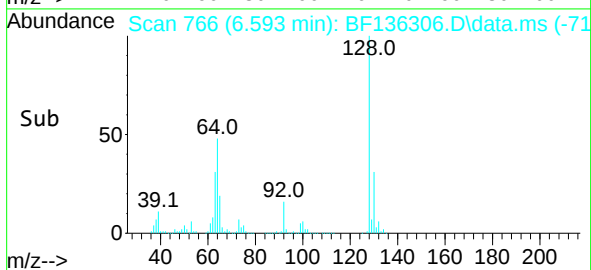
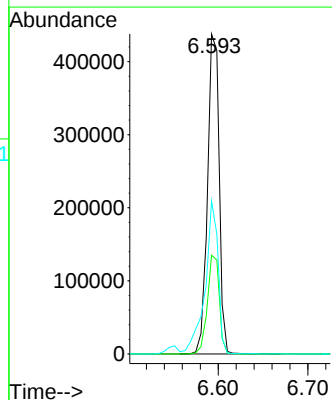
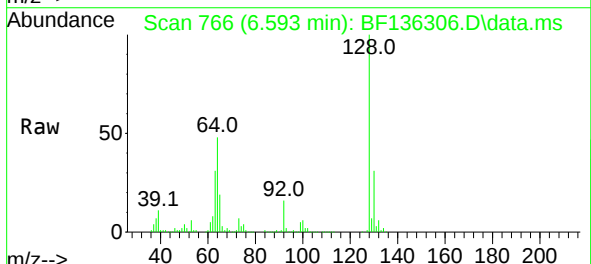
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 886975
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.6
71 34.4 28.9 43.3



#8
2-Chlorophenol
Concen: 41.448 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion: 128 Resp: 395229
Ion Ratio Lower Upper
128 100
130 30.8 10.3 50.3
64 47.8 30.0 70.0





#9

Benzaldehyde

Concen: 39.821 ng

RT: 6.363 min Scan# 727

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

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BNA_F

ClientSampleId :

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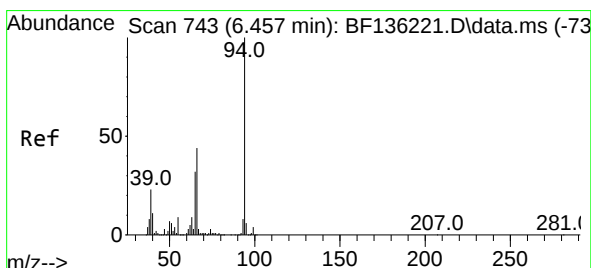
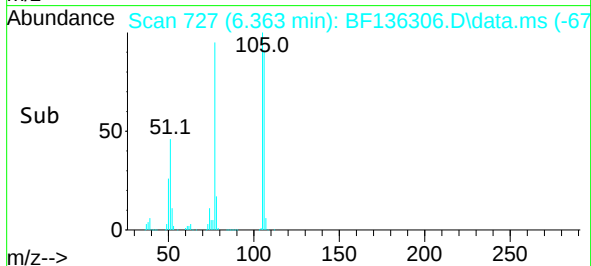
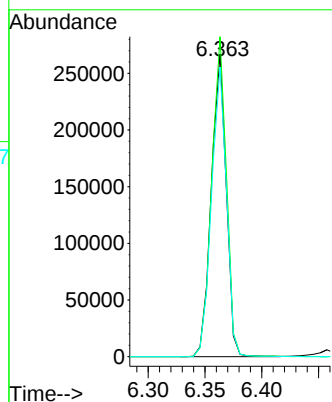
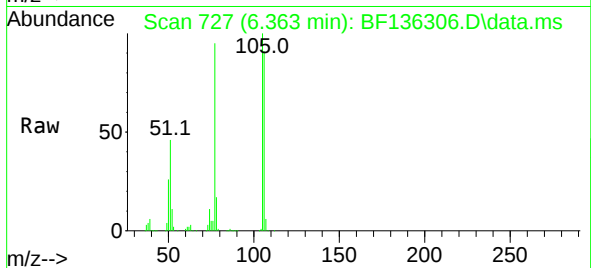
Tgt Ion: 77 Resp: 243034

Ion Ratio Lower Upper

77 100

105 105.8 84.3 124.3

106 95.8 71.0 111.0



#10

Phenol

Concen: 40.355 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

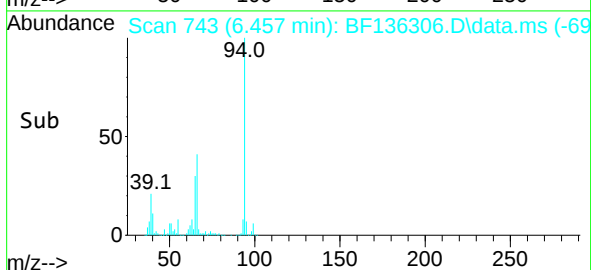
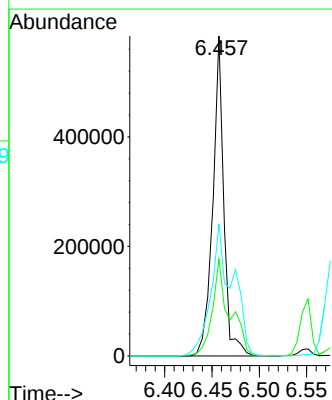
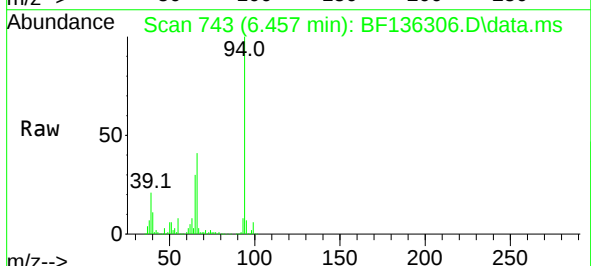
Tgt Ion: 94 Resp: 474079

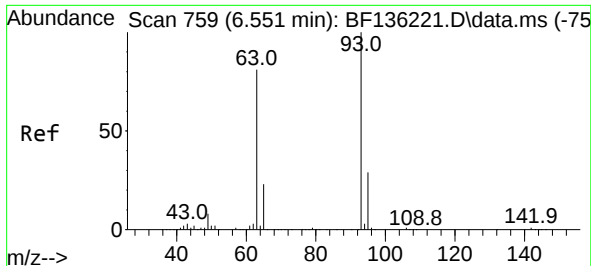
Ion Ratio Lower Upper

94 100

65 30.3 12.5 52.5

66 41.4 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 40.953 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

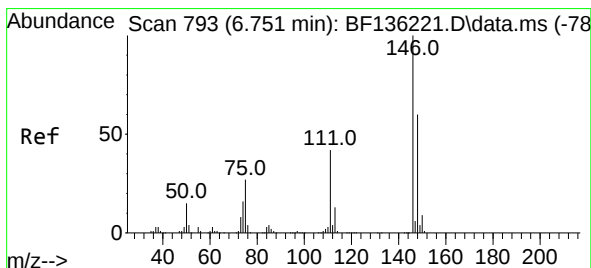
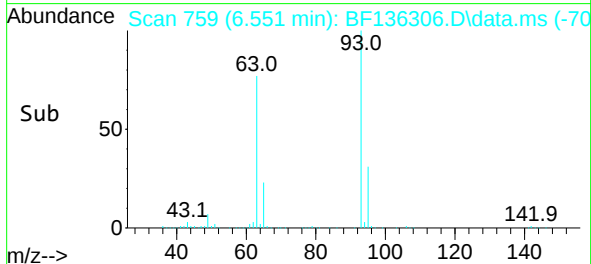
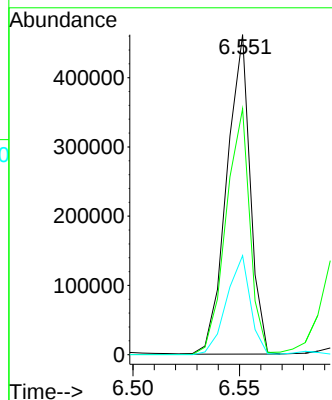
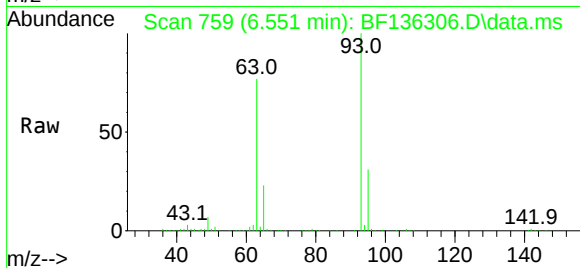
Tgt Ion: 93 Resp: 352942

Ion Ratio Lower Upper

93 100

63 76.9 60.2 100.2

95 30.9 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 40.620 ng

RT: 6.751 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

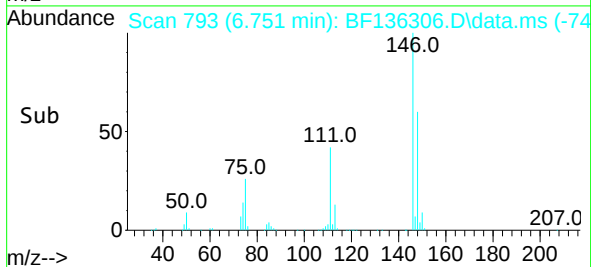
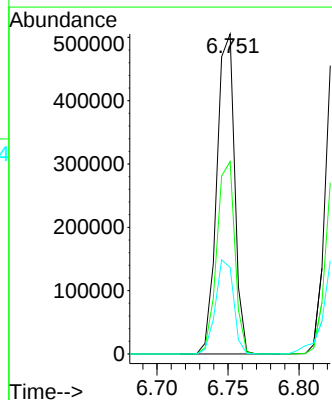
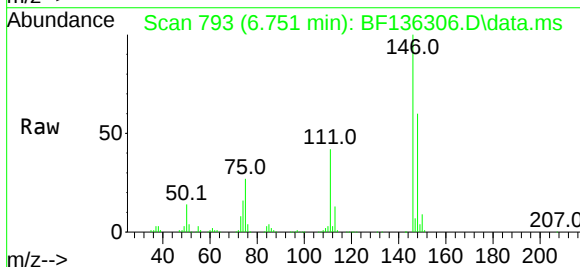
Tgt Ion:146 Resp: 439563

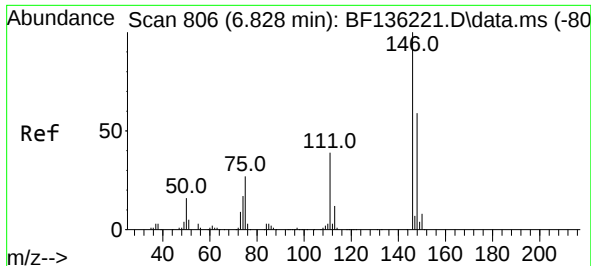
Ion Ratio Lower Upper

146 100

148 60.2 47.8 71.6

75 27.0 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 40.626 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

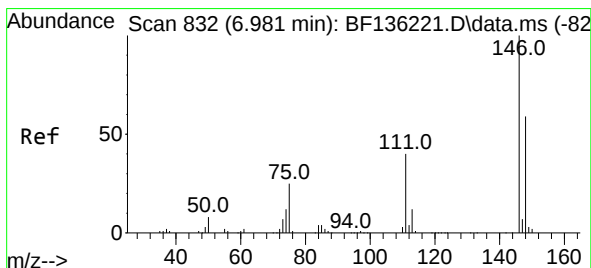
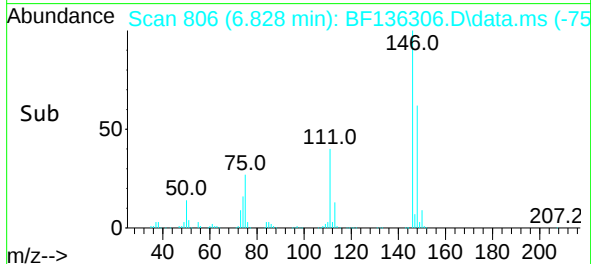
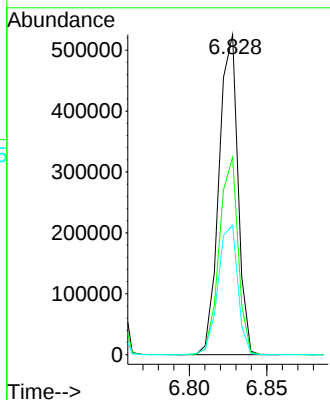
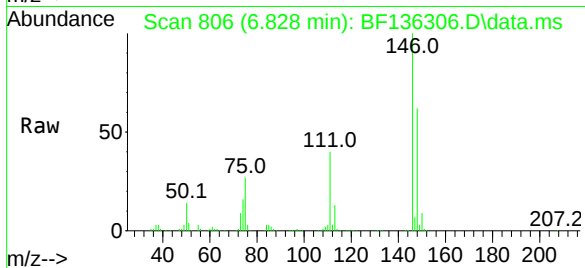
Tgt Ion:146 Resp: 446921

Ion Ratio Lower Upper

146 100

148 61.7 47.0 70.6

111 40.5 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 41.154 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

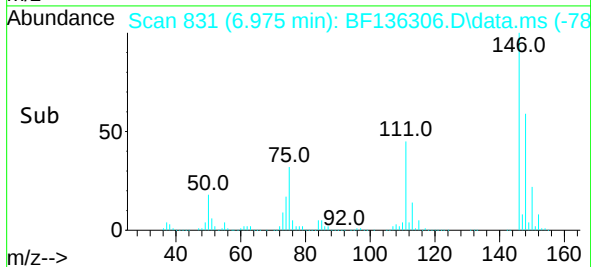
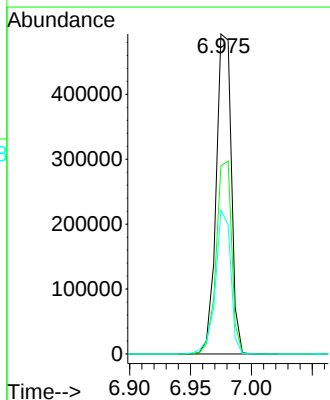
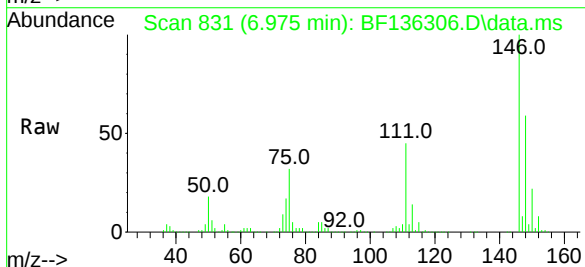
Tgt Ion:146 Resp: 428599

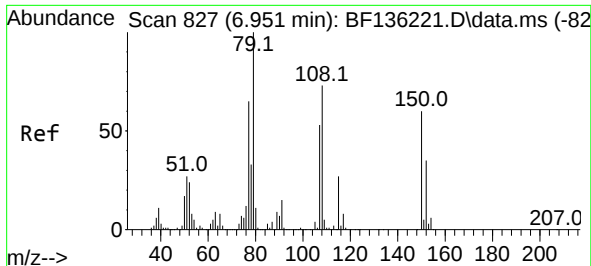
Ion Ratio Lower Upper

146 100

148 58.8 47.3 70.9

111 44.9 32.4 48.6

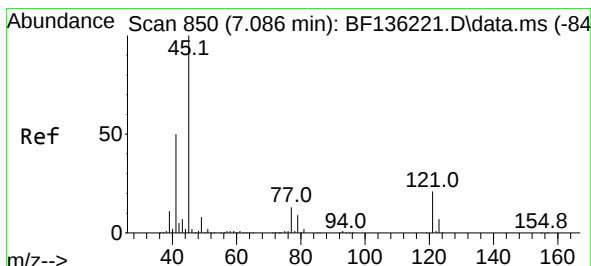
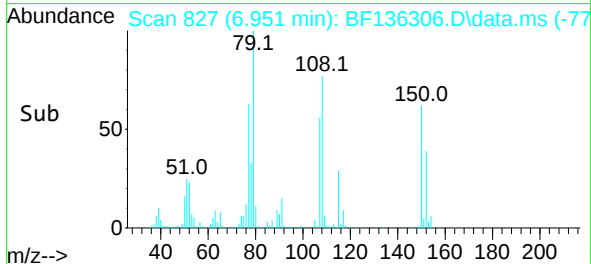
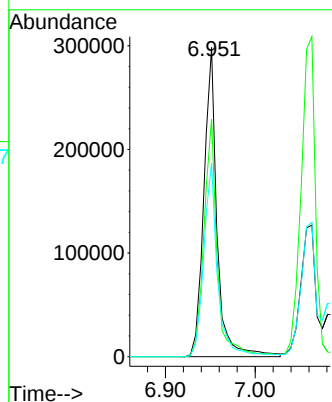
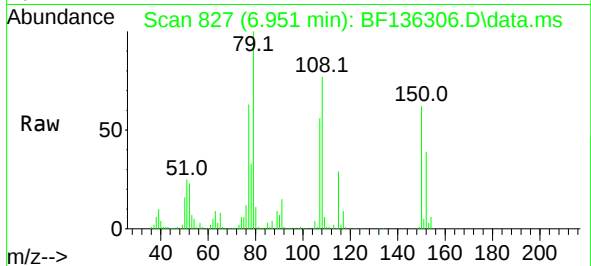




#15
Benzyl Alcohol
Concen: 39.624 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

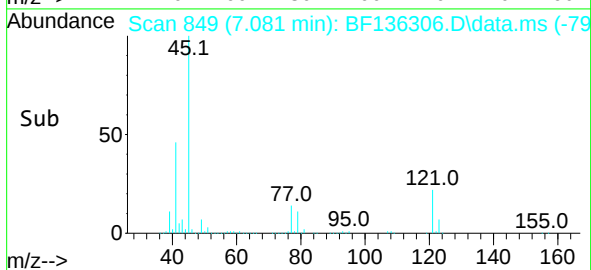
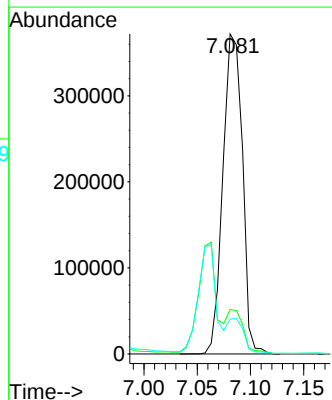
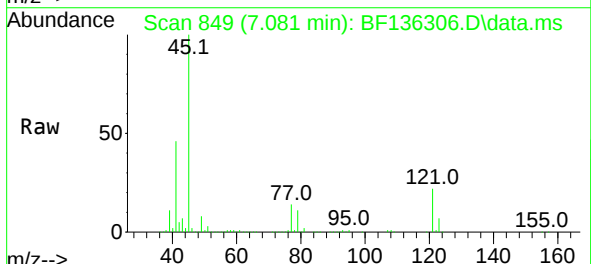
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

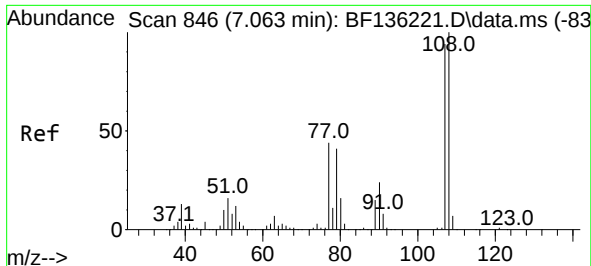
Tgt Ion: 79 Resp: 304209
Ion Ratio Lower Upper
79 100
108 76.8 58.1 87.1
77 62.6 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.398 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion: 45 Resp: 471624
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.0
79 10.9 0.0 30.1

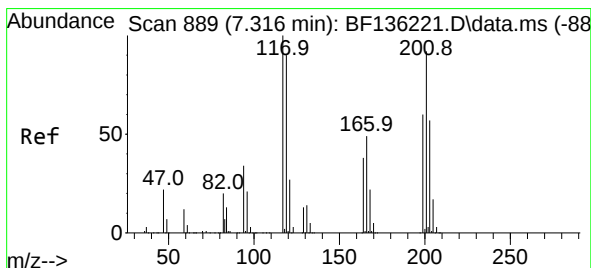
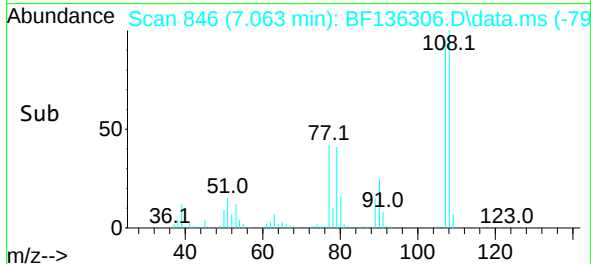
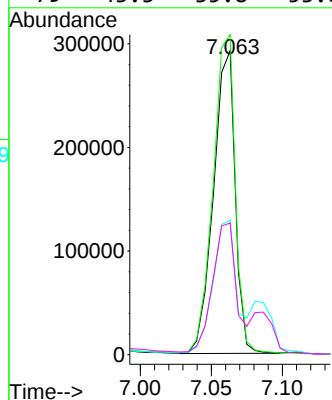
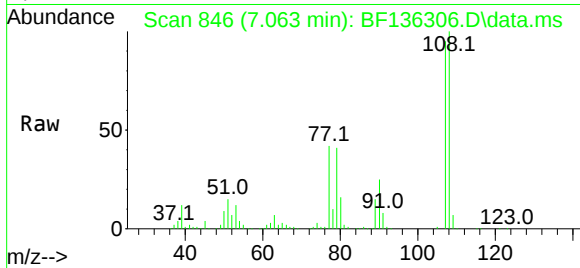




#17
2-Methylphenol
Concen: 41.440 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

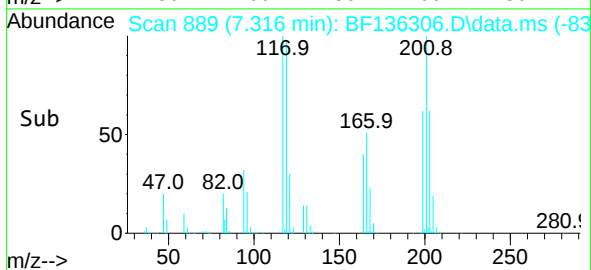
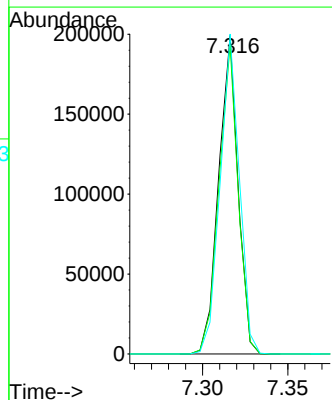
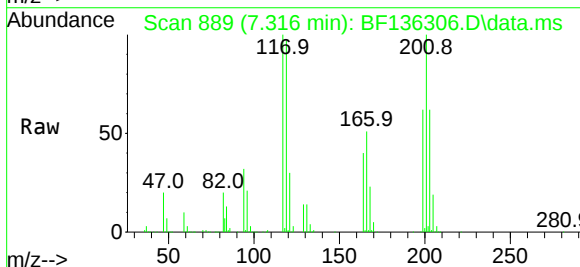
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 310661
Ion Ratio Lower Upper
107 100
108 105.3 85.4 128.0
77 44.2 37.4 56.2
79 43.3 35.8 53.8



#18
Hexachloroethane
Concen: 40.642 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:117 Resp: 156824
Ion Ratio Lower Upper
117 100
119 97.0 71.6 107.4
201 100.4 73.4 110.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.369 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136306.D

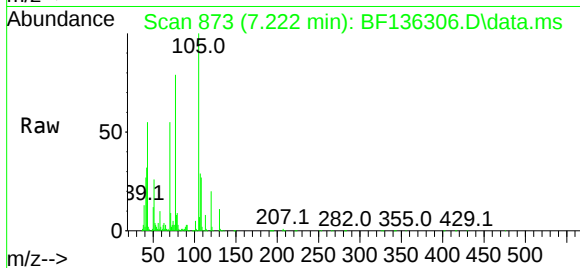
Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 264383

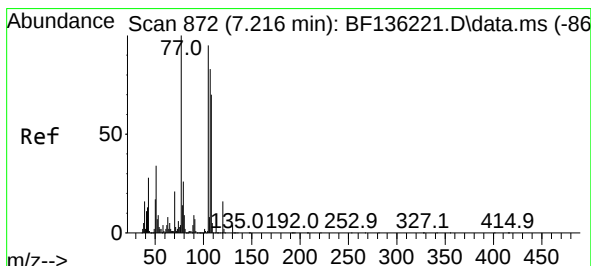
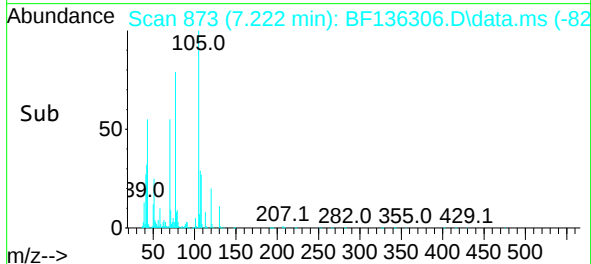
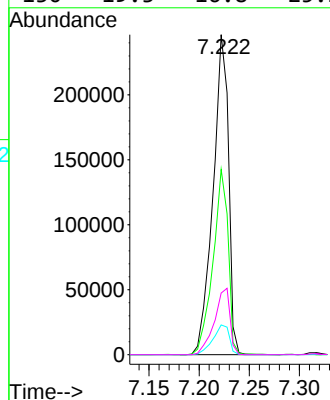
Ion Ratio Lower Upper

70 100

42 57.9 47.0 70.4

101 9.3 7.8 11.8

130 19.3 16.8 25.2



#20

3+4-Methylphenols

Concen: 40.557 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Tgt Ion: 107 Resp: 395145

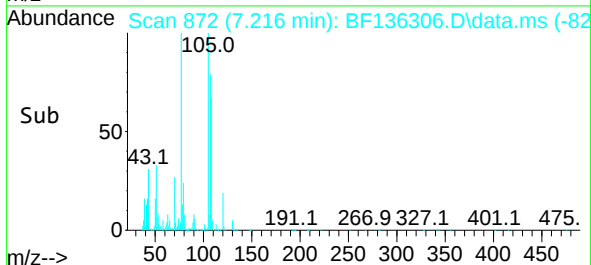
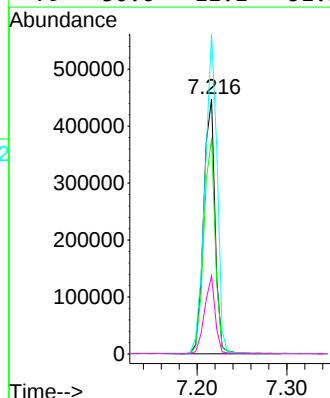
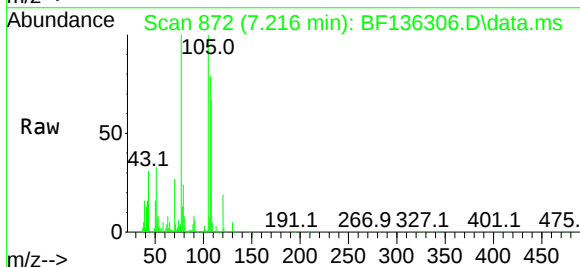
Ion Ratio Lower Upper

107 100

108 84.5 63.9 103.9

77 125.5 100.2 140.2

79 30.6 11.1 51.1

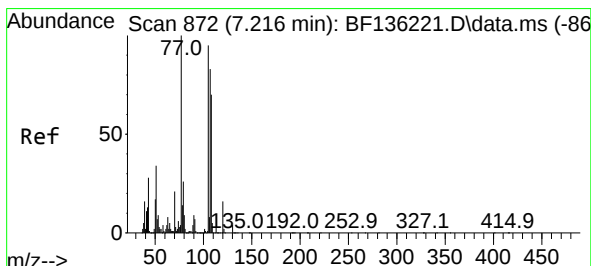
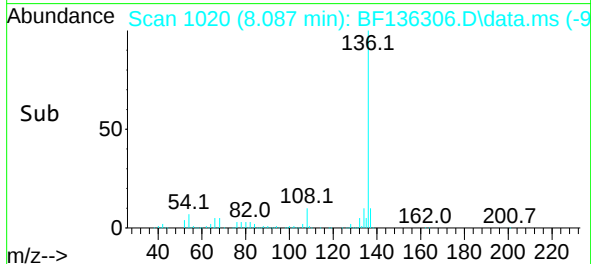
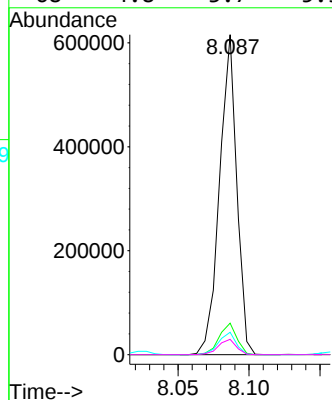
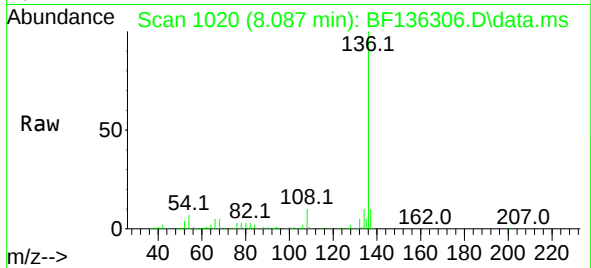




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

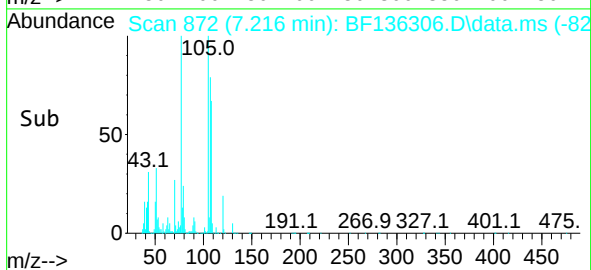
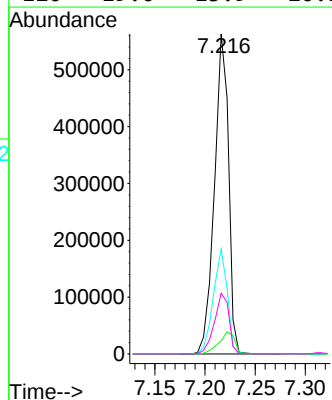
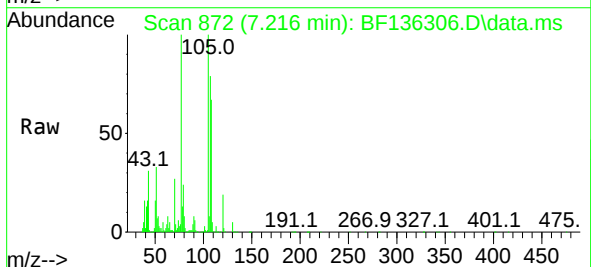
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

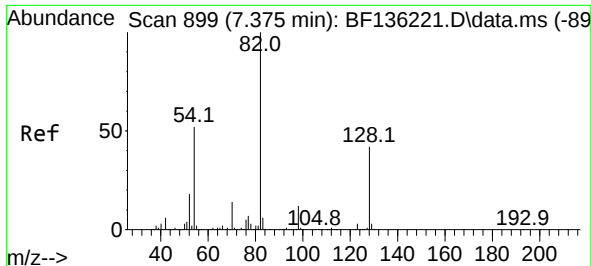
Tgt Ion:136 Resp: 517433
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 7.0 5.5 8.3
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 40.478 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:105 Resp: 550075
Ion Ratio Lower Upper
105 100
71 4.1 2.8 4.2
51 32.8 29.0 43.6
120 19.0 13.9 20.9





#23

Nitrobenzene-d5

Concen: 83.985 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

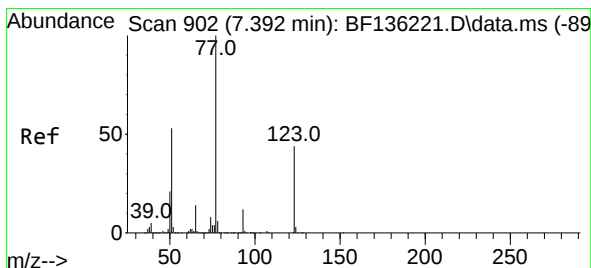
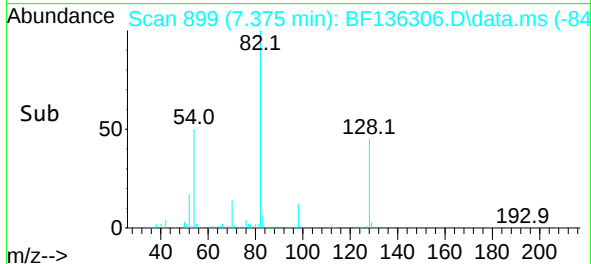
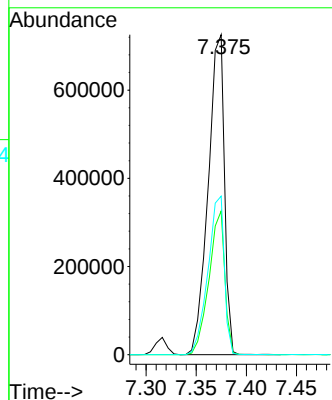
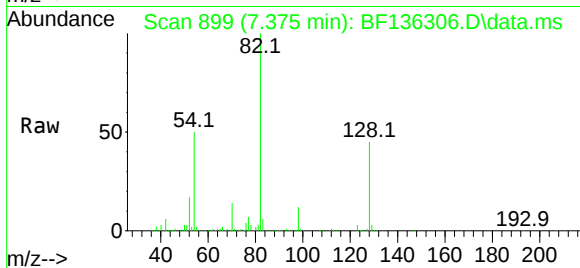
Tgt Ion: 82 Resp: 822370

Ion Ratio Lower Upper

82 100

128 44.9 33.4 50.2

54 49.6 41.7 62.5



#24

Nitrobenzene

Concen: 41.678 ng

RT: 7.393 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

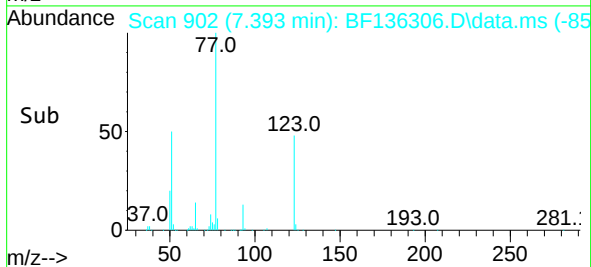
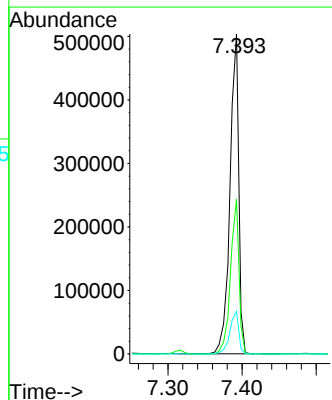
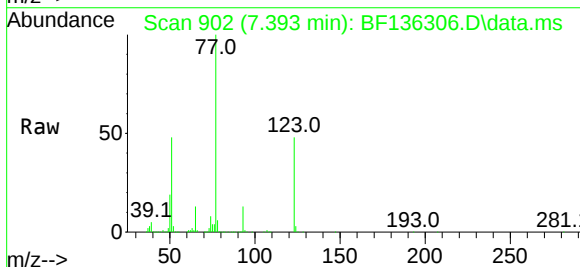
Tgt Ion: 77 Resp: 413569

Ion Ratio Lower Upper

77 100

123 48.4 35.4 53.2

65 13.3 11.0 16.6

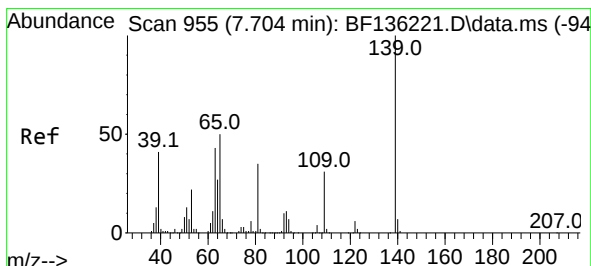
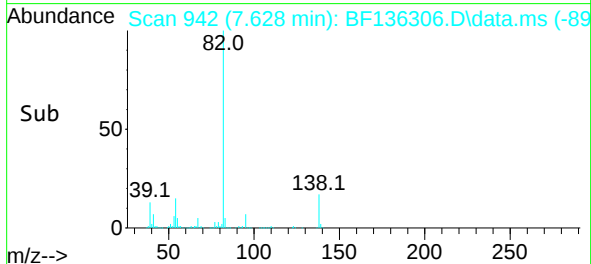
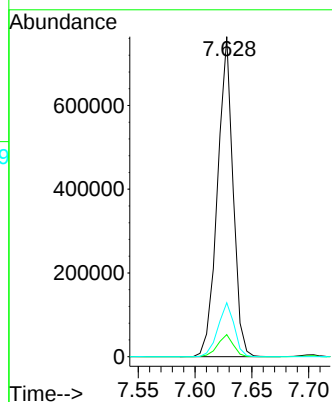
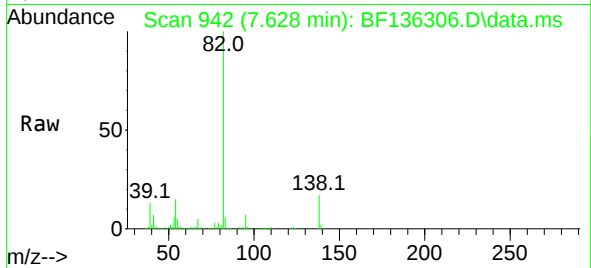




#25
Isophorone
Concen: 41.181 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

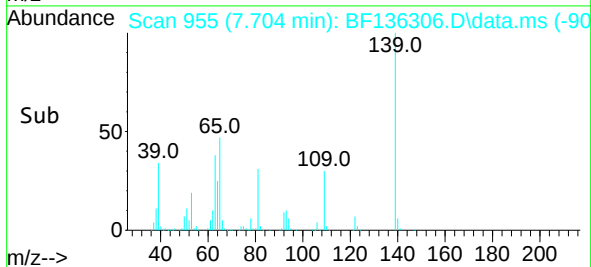
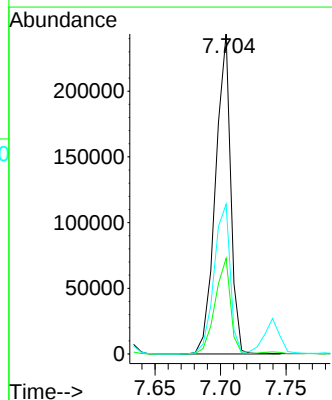
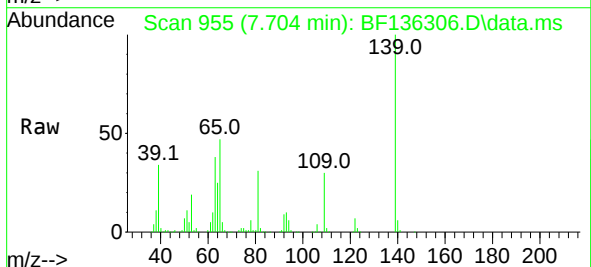
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

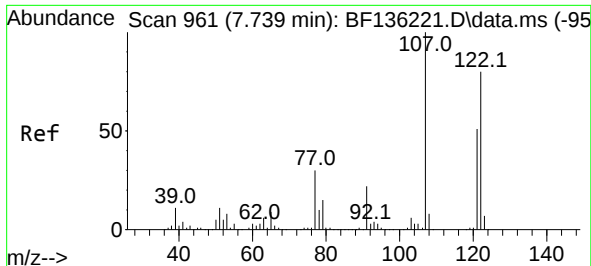
Tgt Ion: 82 Resp: 727104
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 16.9 12.8 19.2



#26
2-Nitrophenol
Concen: 46.344 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion: 139 Resp: 195939
Ion Ratio Lower Upper
139 100
109 29.9 25.0 37.6
65 46.8 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 43.262 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

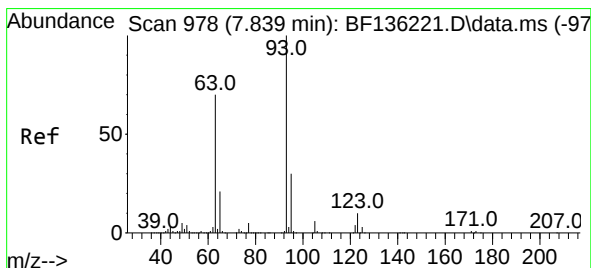
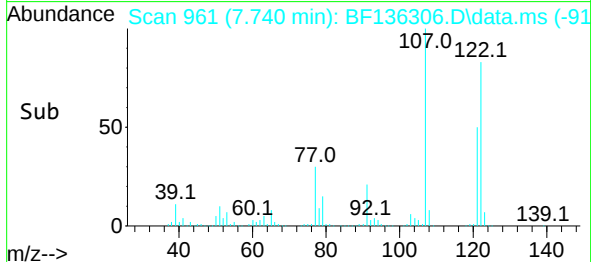
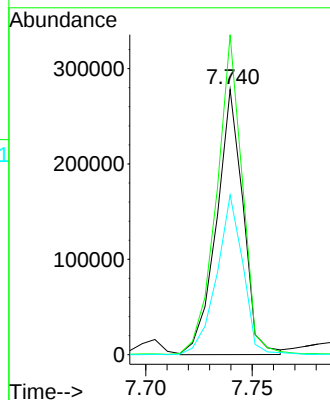
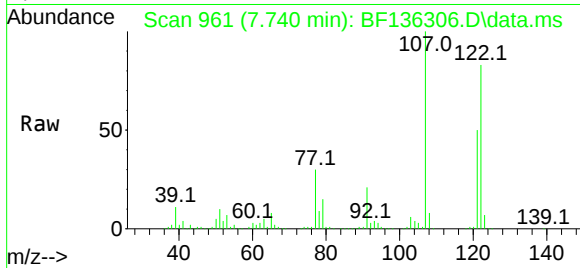
Tgt Ion:122 Resp: 240744

Ion Ratio Lower Upper

122 100

107 120.6 100.0 150.0

121 60.2 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.046 ng

RT: 7.840 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

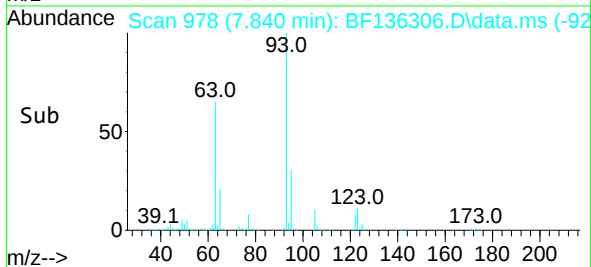
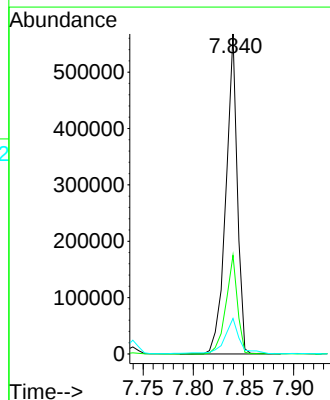
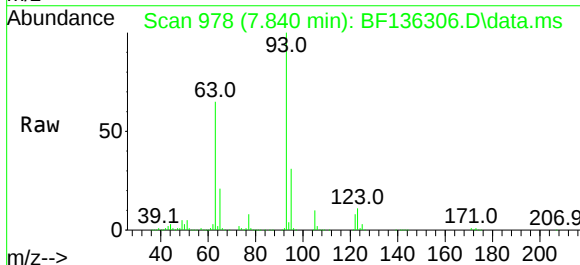
Tgt Ion: 93 Resp: 449040

Ion Ratio Lower Upper

93 100

95 30.8 23.8 35.6

123 11.1 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 42.786 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

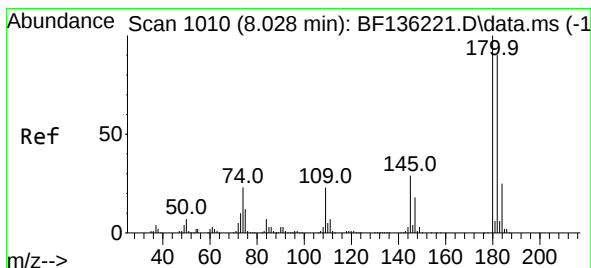
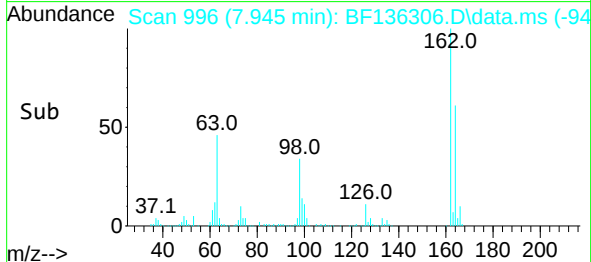
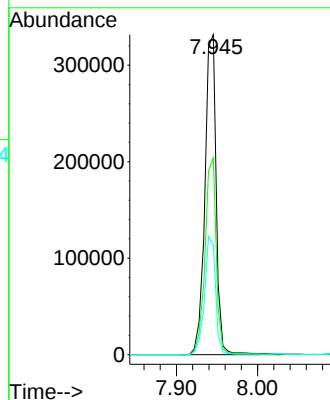
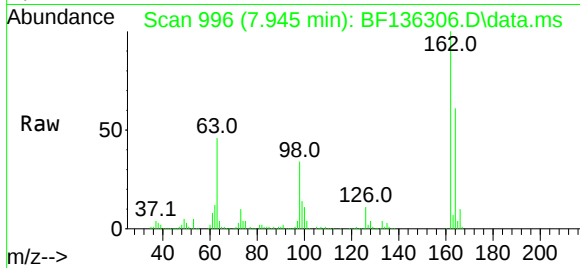
Tgt Ion:162 Resp: 321152

Ion Ratio Lower Upper

162 100

164 61.5 40.3 80.3

98 34.3 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 41.770 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

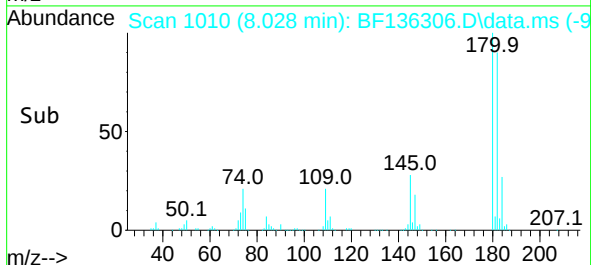
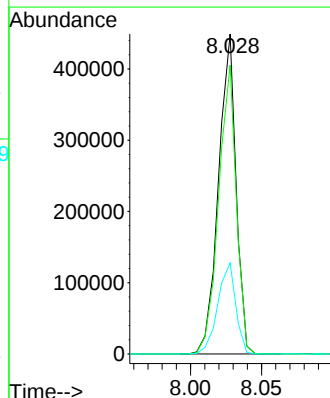
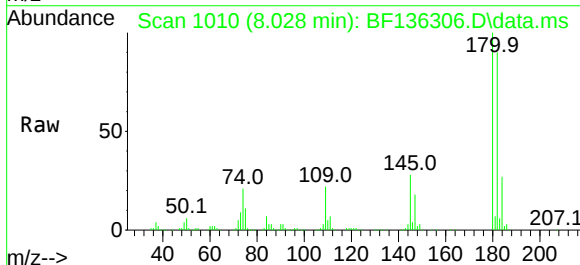
Tgt Ion:180 Resp: 383858

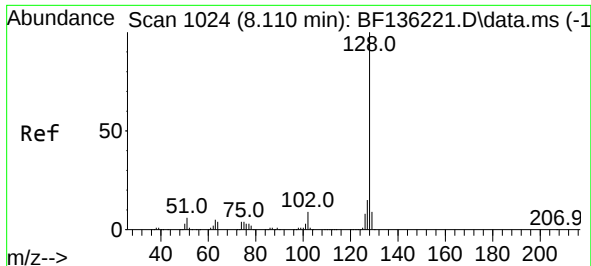
Ion Ratio Lower Upper

180 100

182 90.3 71.6 107.4

145 28.5 23.0 34.4

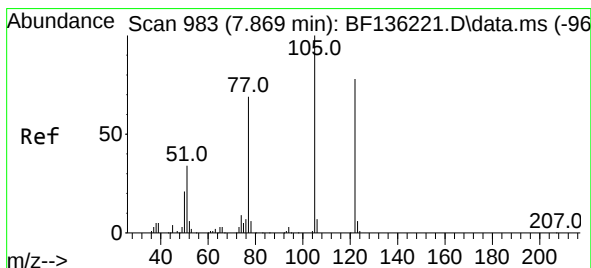
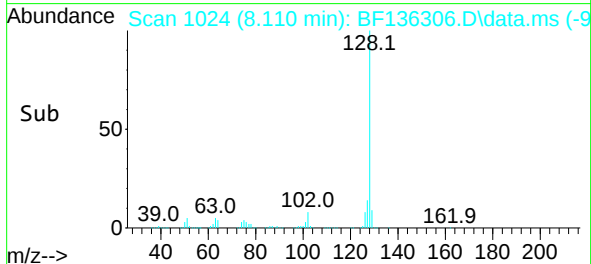
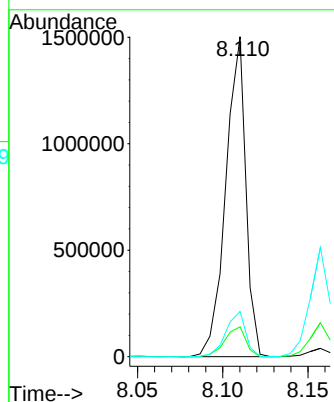
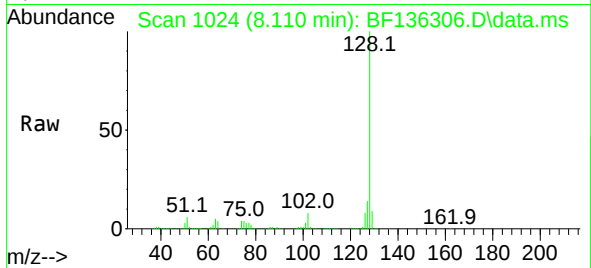




#31
Naphthalene
Concen: 42.217 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

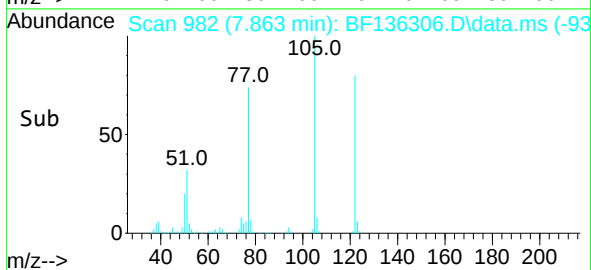
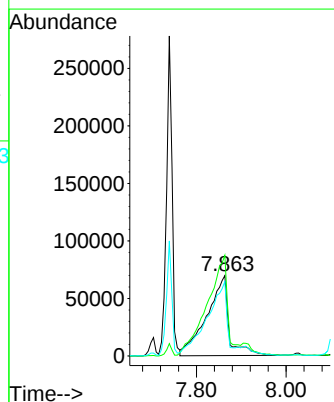
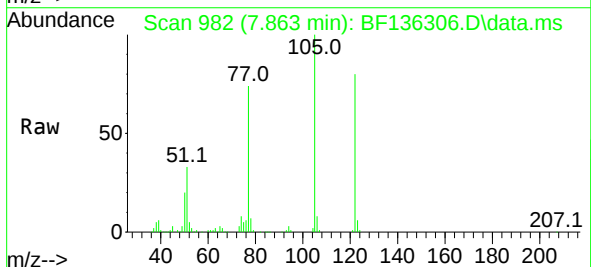
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

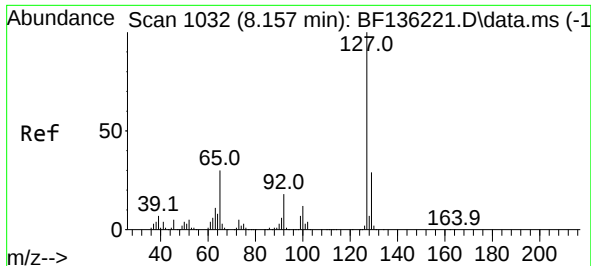
Tgt Ion:128 Resp: 1227826
Ion Ratio Lower Upper
128 100
129 9.3 7.3 10.9
127 14.2 11.8 17.6



#32
Benzoic acid
Concen: 46.937 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:122 Resp: 238047
Ion Ratio Lower Upper
122 100
105 125.4 103.7 143.7
77 92.7 66.8 106.8

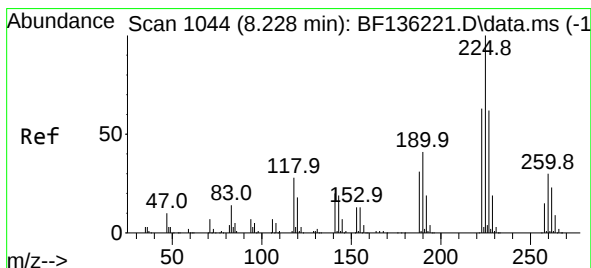
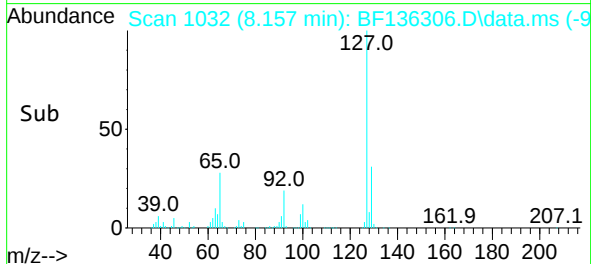
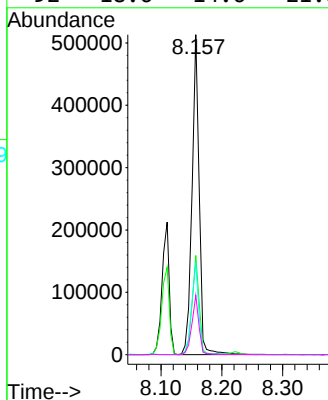
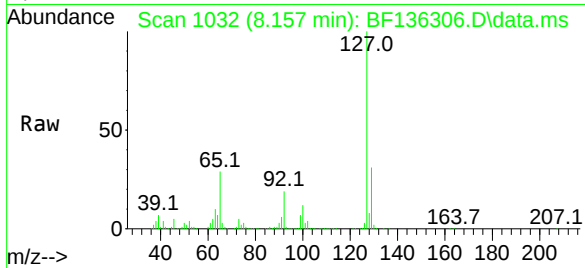




#33
4-Chloroaniline
Concen: 42.467 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

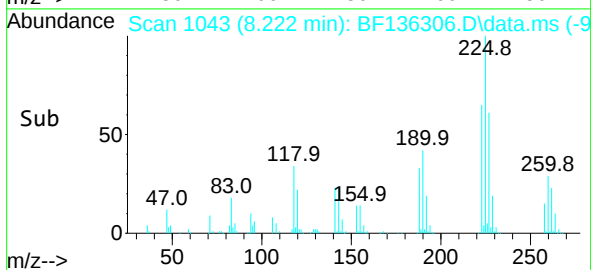
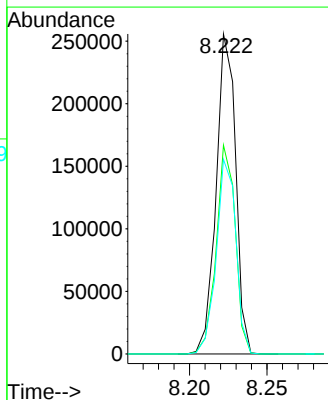
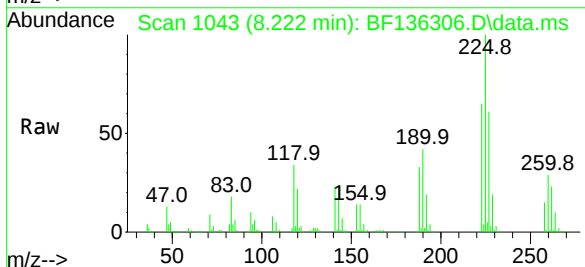
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

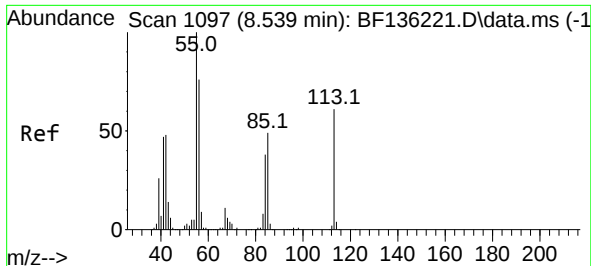
Tgt Ion:	127	Resp:	419833
Ion	Ratio	Lower	Upper
127	100		
129	31.0	23.4	35.2
65	28.7	23.8	35.6
92	18.6	14.6	21.8



#34
Hexachlorobutadiene
Concen: 41.596 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:	225	Resp:	223632
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	75.8
227	60.8	49.6	74.4

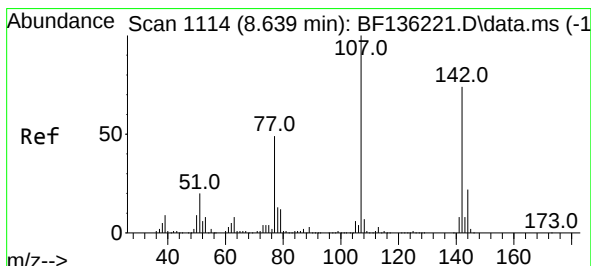
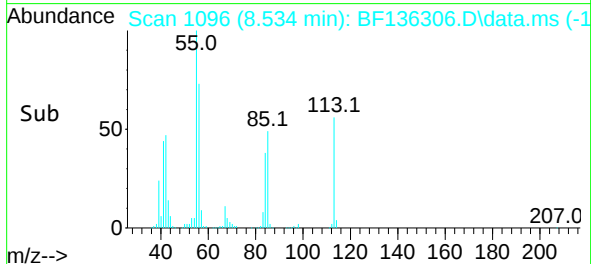
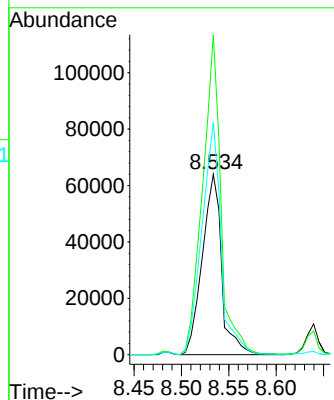
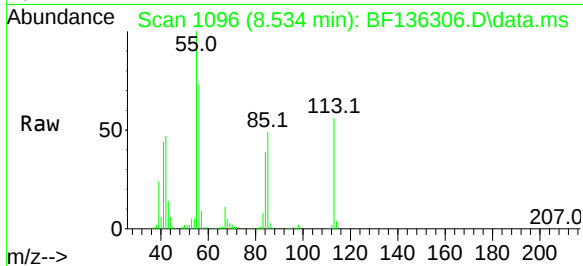




#35
 Caprolactam
 Concen: 43.431 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF136306.D
 Acq: 30 Nov 2023 11:04

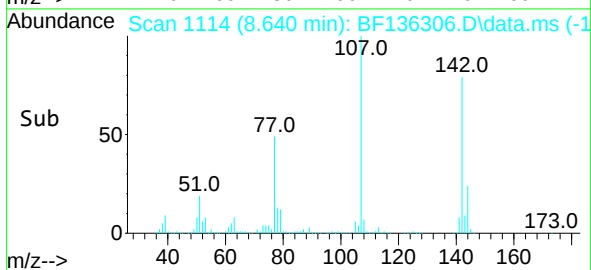
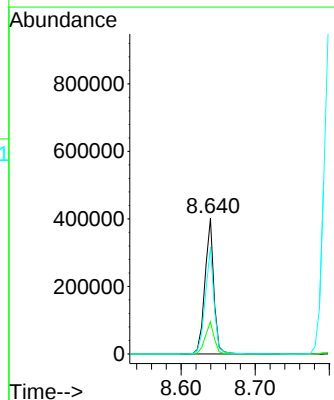
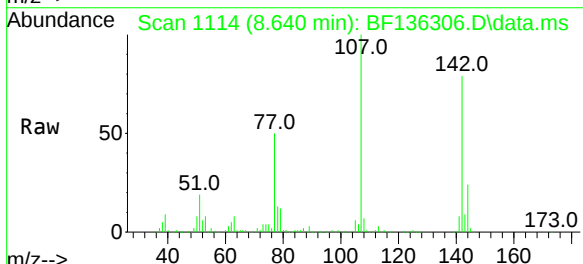
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

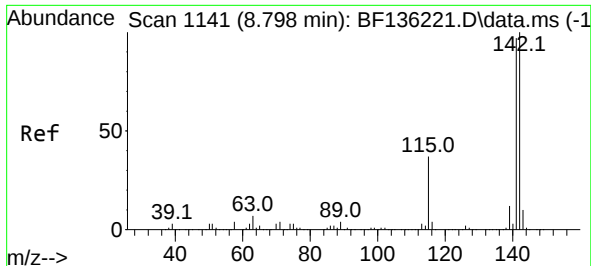
Tgt Ion:113 Resp: 91130
 Ion Ratio Lower Upper
 113 100
 55 177.4 143.1 183.1
 56 128.7 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.087 ng
 RT: 8.640 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136306.D
 Acq: 30 Nov 2023 11:04

Tgt Ion:107 Resp: 334477
 Ion Ratio Lower Upper
 107 100
 144 23.8 17.8 26.8
 142 78.7 59.4 89.0





#37

2-Methylnaphthalene

Concen: 41.537 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

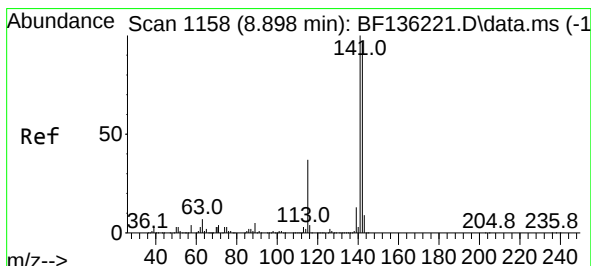
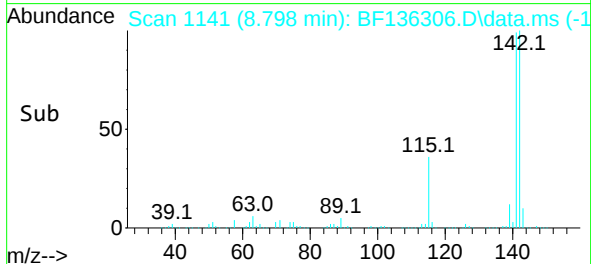
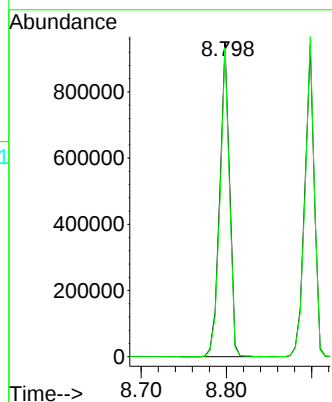
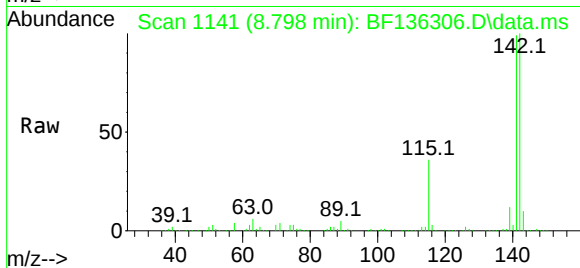
SSTDCCC040

Tgt Ion:142 Resp: 757796

Ion Ratio Lower Upper

142 100

141 98.5 77.8 116.8



#38

1-Methylnaphthalene

Concen: 41.302 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136306.D

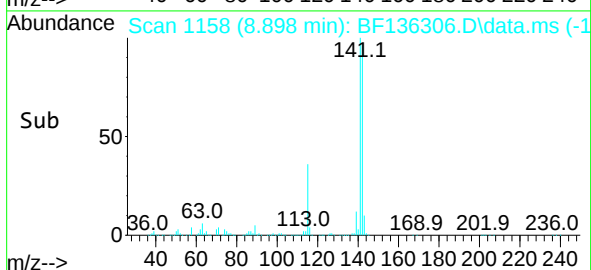
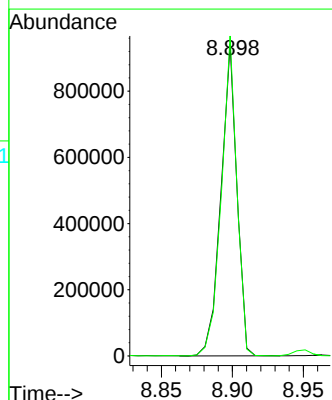
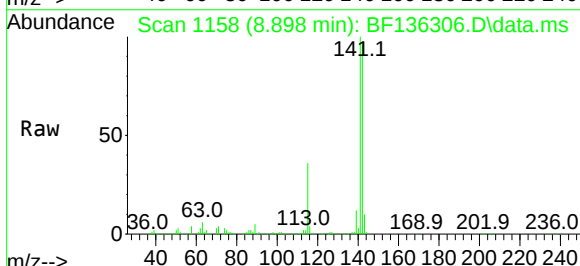
Acq: 30 Nov 2023 11:04

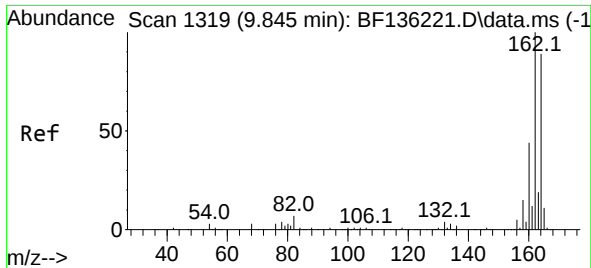
Tgt Ion:142 Resp: 735071

Ion Ratio Lower Upper

142 100

141 102.7 83.8 125.6

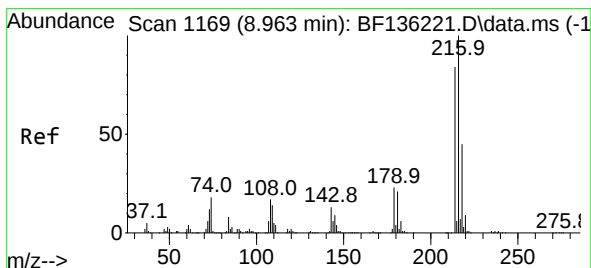
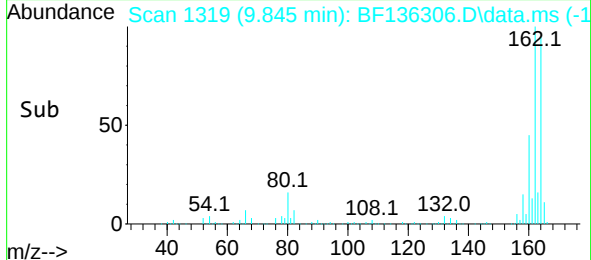
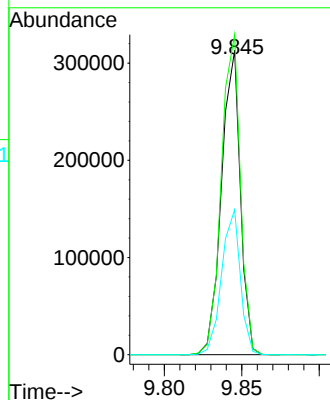
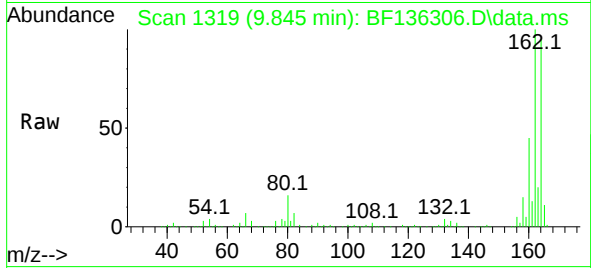




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

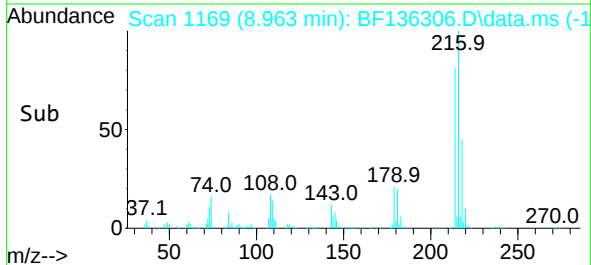
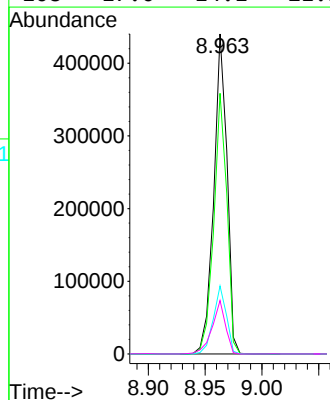
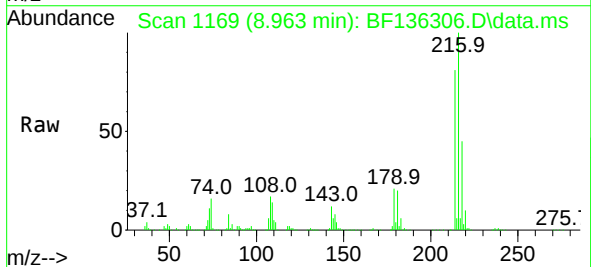
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

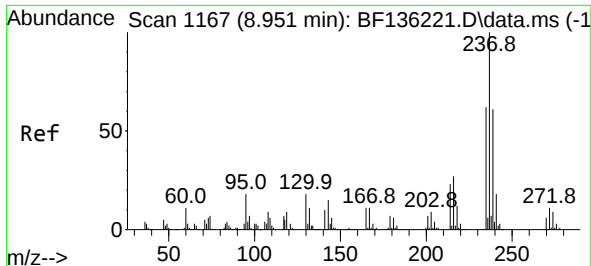
Tgt Ion:164 Resp: 265187
Ion Ratio Lower Upper
164 100
162 105.2 89.5 134.3
160 47.7 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.156 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:216 Resp: 355784
Ion Ratio Lower Upper
216 100
214 80.5 65.8 98.8
179 21.0 17.4 26.0
108 17.0 14.1 21.1

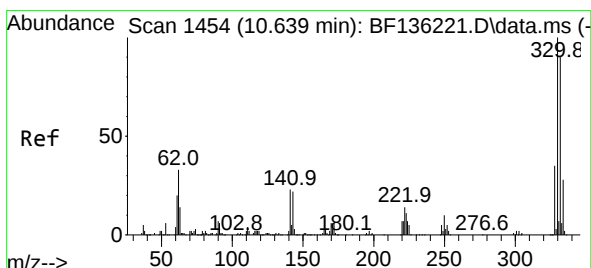
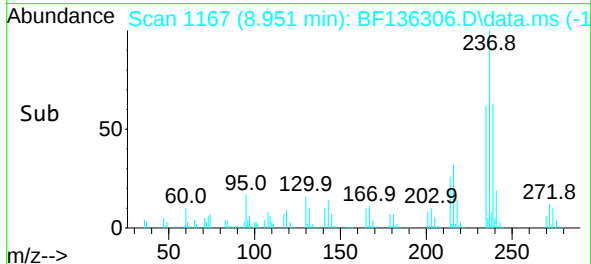
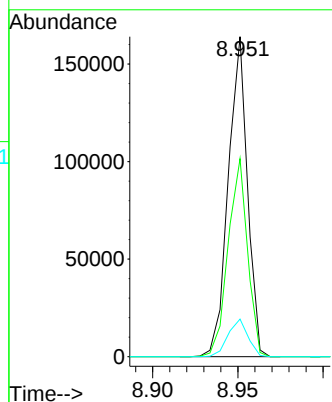
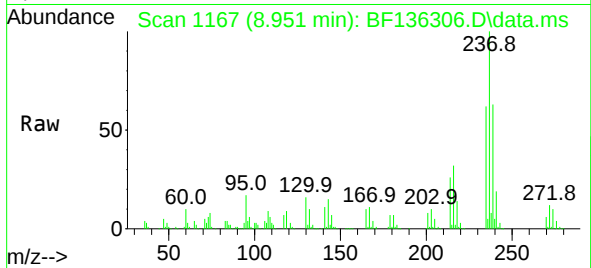




#41
Hexachlorocyclopentadiene
Concen: 39.599 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

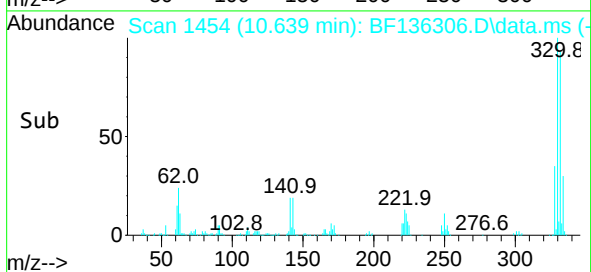
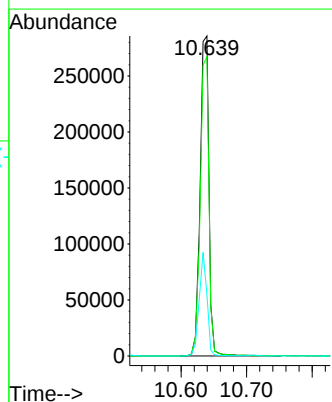
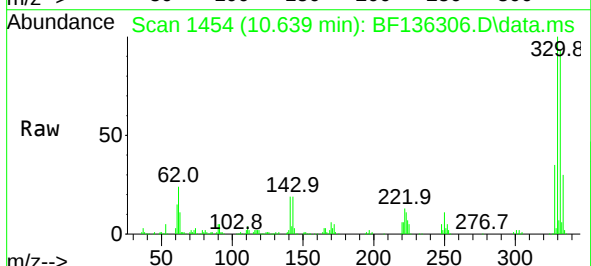
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

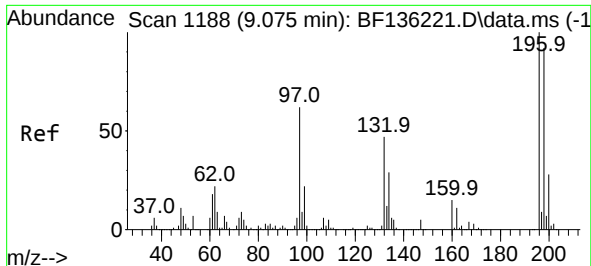
Tgt Ion:237 Resp: 128596
Ion Ratio Lower Upper
237 100
235 61.9 42.1 82.1
272 11.8 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 82.532 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:330 Resp: 267580
Ion Ratio Lower Upper
330 100
332 92.5 73.0 109.6
141 28.9 24.2 36.2

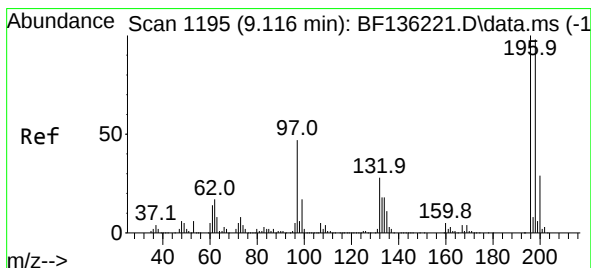
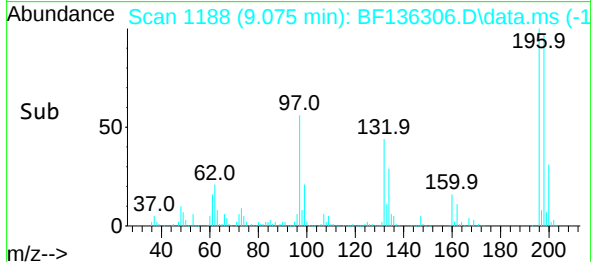
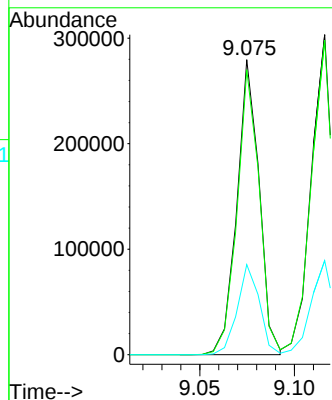
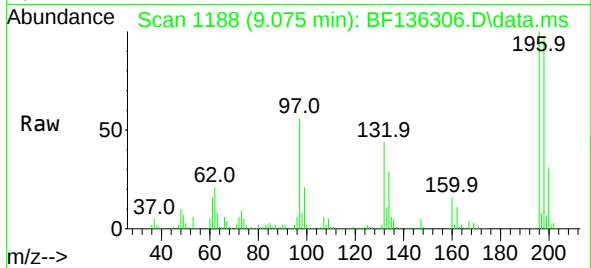




#43
2,4,6-Trichlorophenol
Concen: 41.536 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

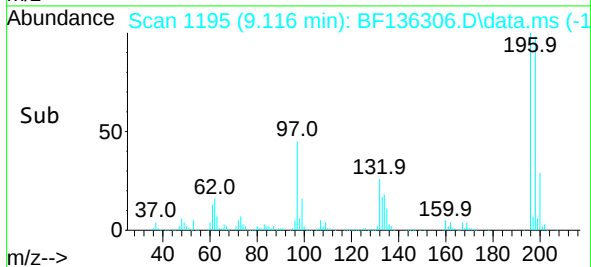
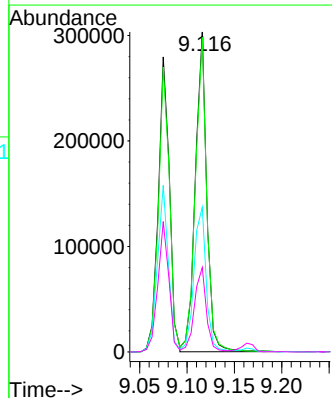
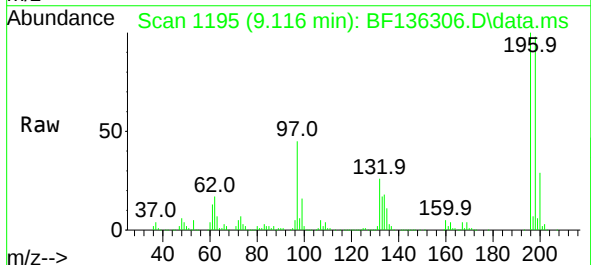
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

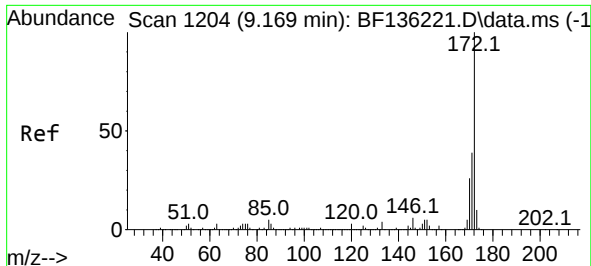
Tgt Ion:196 Resp: 227531
Ion Ratio Lower Upper
196 100
198 96.6 73.2 109.8
200 30.5 22.4 33.6



#44
2,4,5-Trichlorophenol
Concen: 42.452 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:196 Resp: 253774
Ion Ratio Lower Upper
196 100
198 98.3 78.8 118.2
97 45.2 37.8 56.8
132 26.4 22.4 33.6

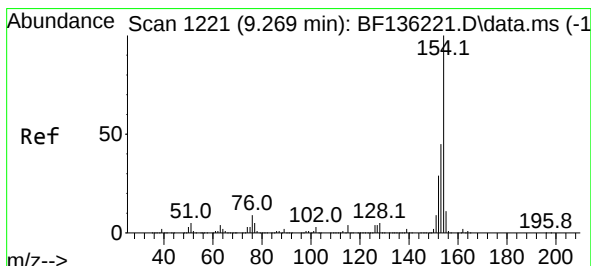
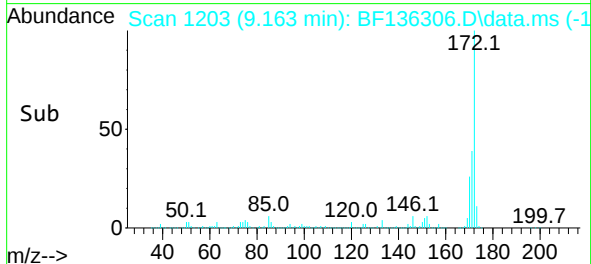
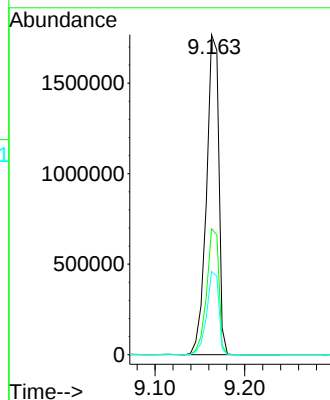
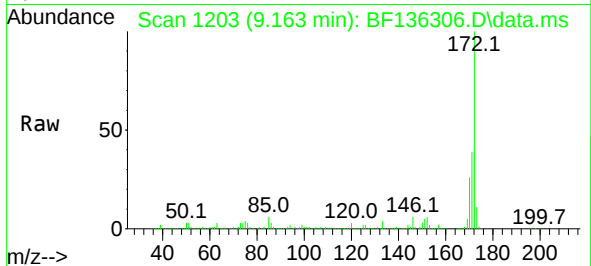




#45
2-Fluorobiphenyl
Concen: 81.373 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

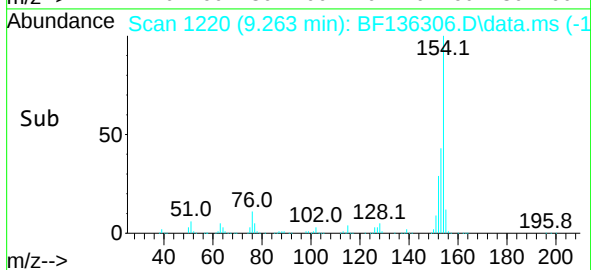
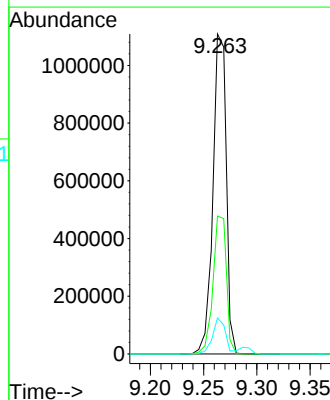
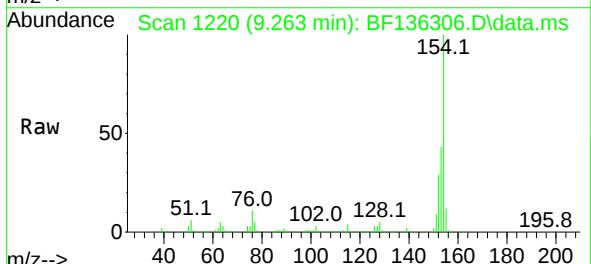
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

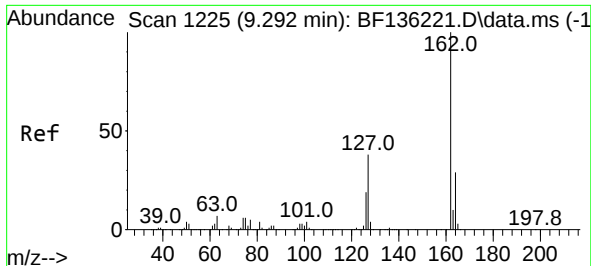
Tgt Ion:172 Resp: 1689412
Ion Ratio Lower Upper
172 100
171 39.4 31.5 47.3
170 26.0 20.8 31.2



#46
1,1'-Biphenyl
Concen: 41.427 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:154 Resp: 968796
Ion Ratio Lower Upper
154 100
153 43.1 24.6 64.6
76 11.3 0.0 29.4

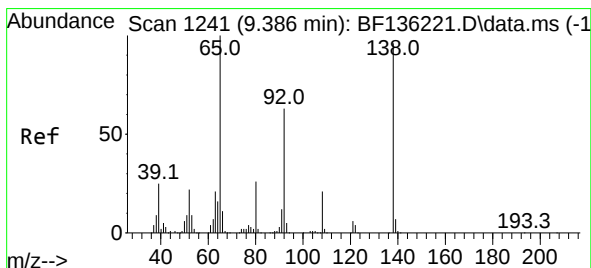
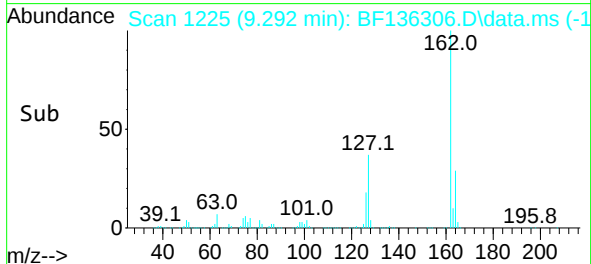
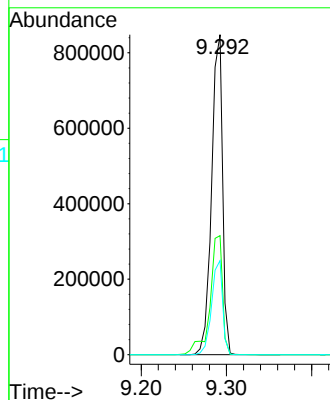
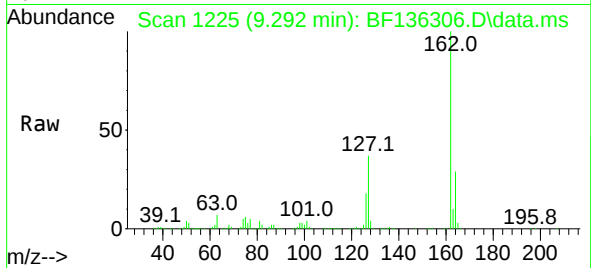




#47
2-Chloronaphthalene
Concen: 41.659 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

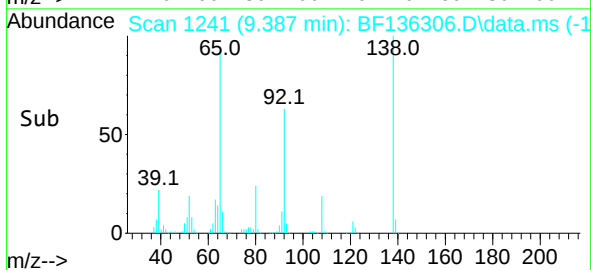
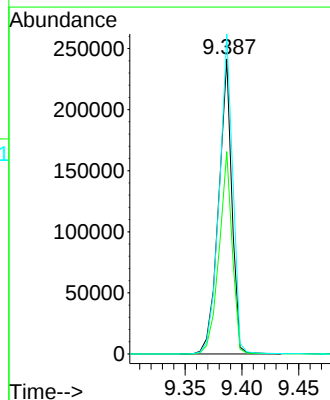
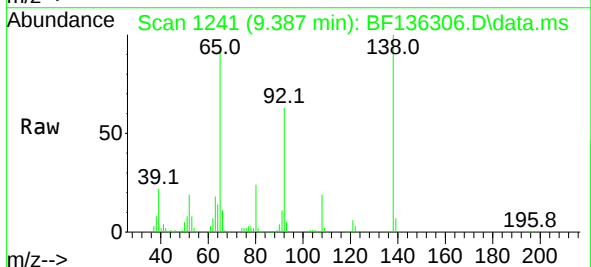
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

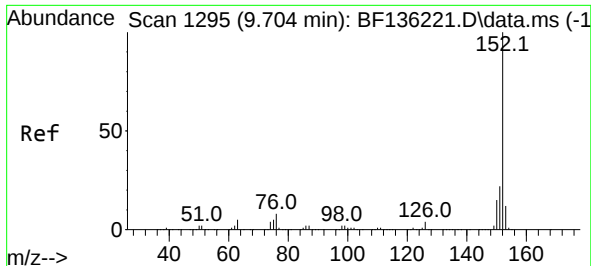
Tgt Ion:162 Resp: 756559
Ion Ratio Lower Upper
162 100
127 37.2 30.2 45.2
164 29.4 22.8 34.2



#48
2-Nitroaniline
Concen: 41.559 ng
RT: 9.387 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion: 65 Resp: 197050
Ion Ratio Lower Upper
65 100
92 68.6 50.6 75.8
138 108.5 76.7 115.1





#49

Acenaphthylene

Concen: 41.596 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

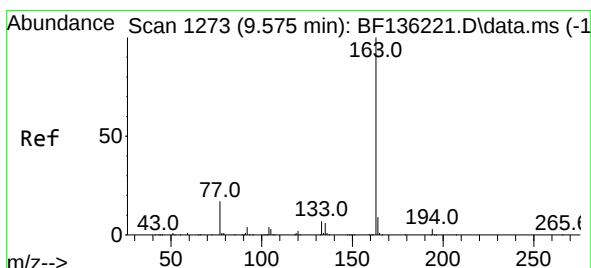
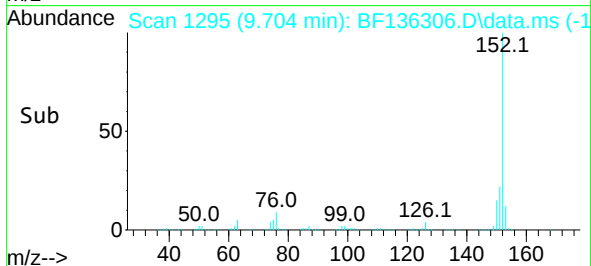
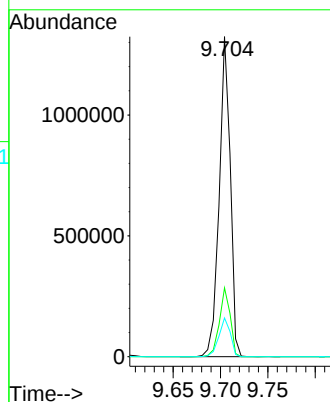
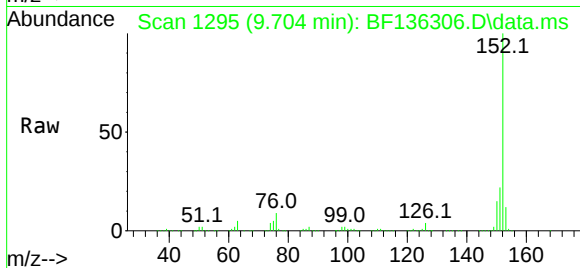
Tgt Ion:152 Resp: 1078040

Ion Ratio Lower Upper

152 100

151 21.5 17.5 26.3

153 12.1 9.6 14.4



#50

Dimethylphthalate

Concen: 40.720 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

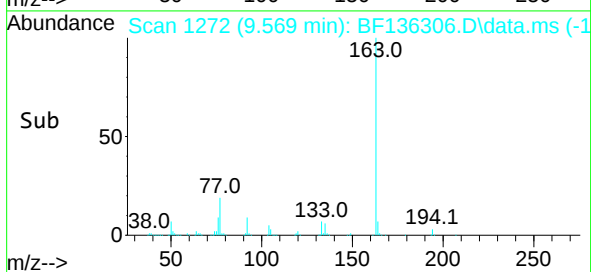
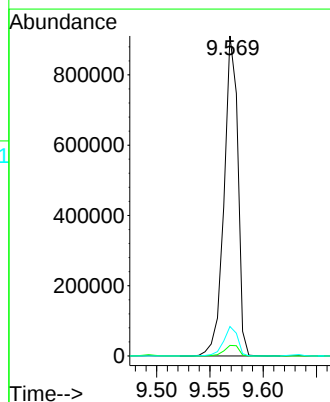
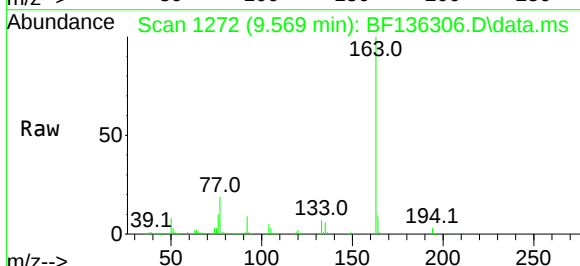
Tgt Ion:163 Resp: 816159

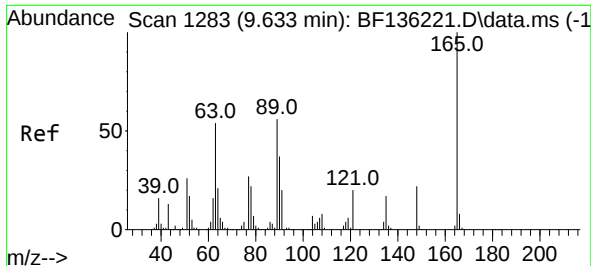
Ion Ratio Lower Upper

163 100

194 3.3 2.5 3.7

164 9.2 7.0 10.6

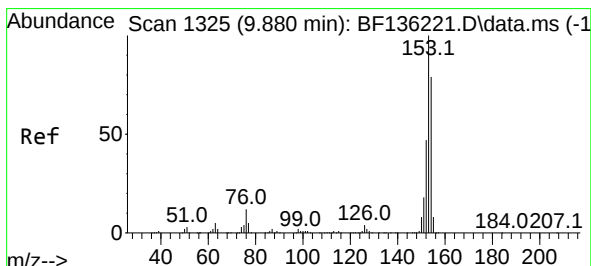
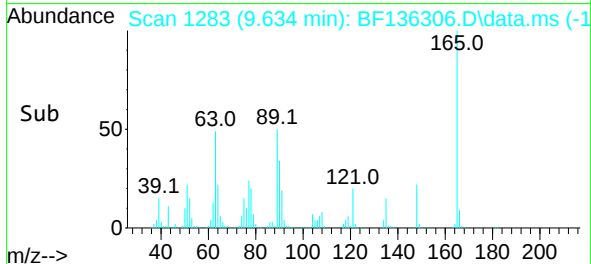
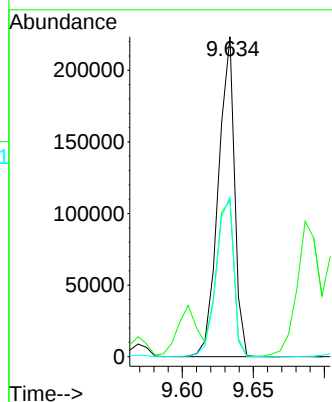
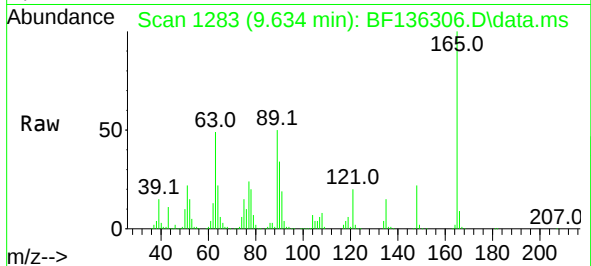




#51
2,6-Dinitrotoluene
Concen: 43.405 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

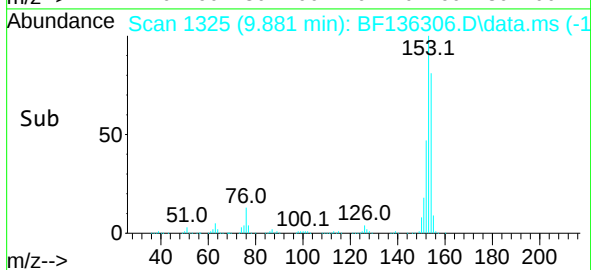
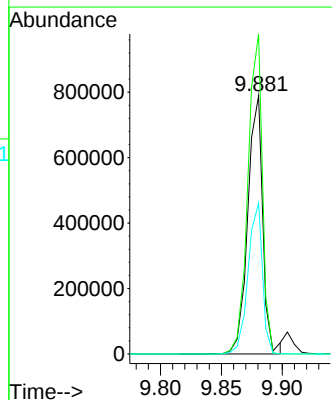
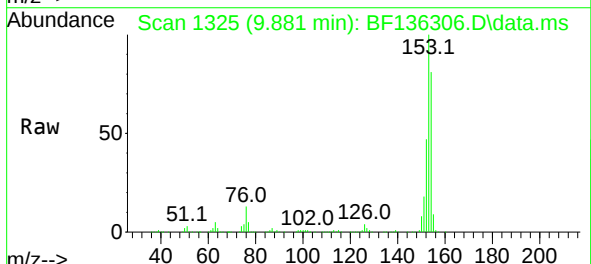
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

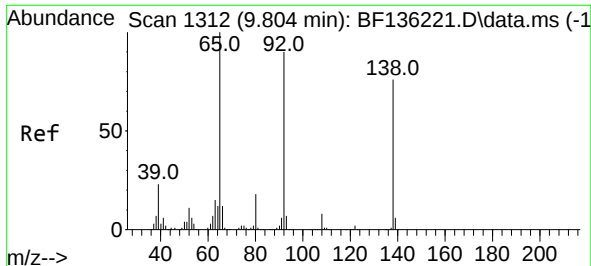
Tgt Ion:165 Resp: 177731
Ion Ratio Lower Upper
165 100
63 48.8 46.2 69.2
89 49.9 44.9 67.3



#52
Acenaphthene
Concen: 41.426 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:154 Resp: 678477
Ion Ratio Lower Upper
154 100
153 123.9 100.8 151.2
152 58.5 47.0 70.6

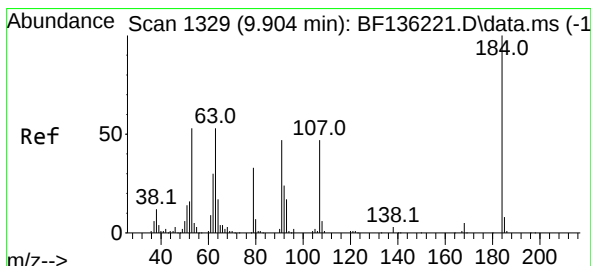
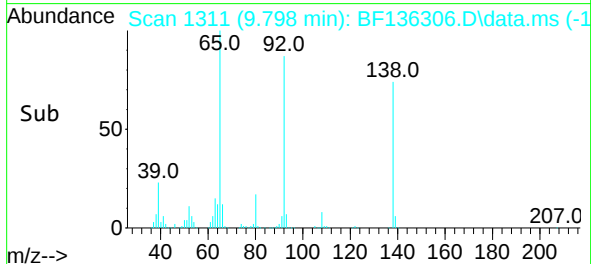
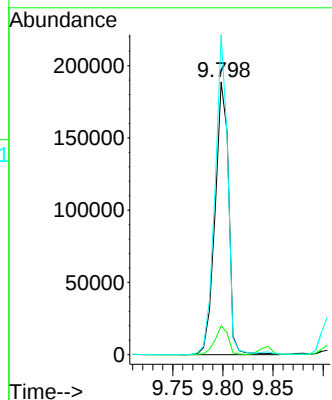
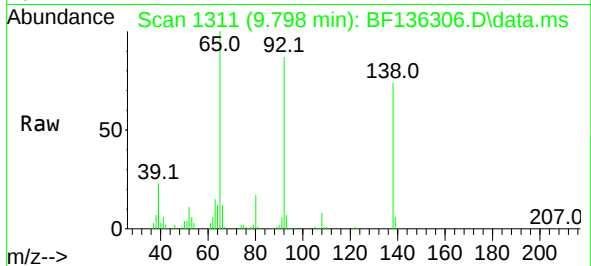




#53
3-Nitroaniline
Concen: 43.482 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

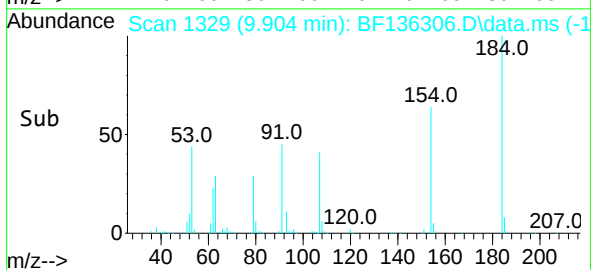
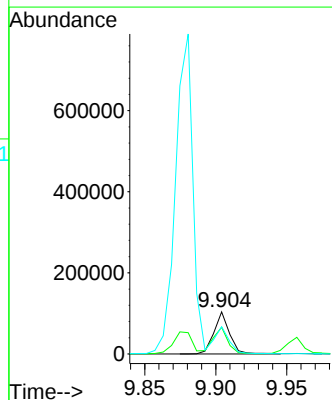
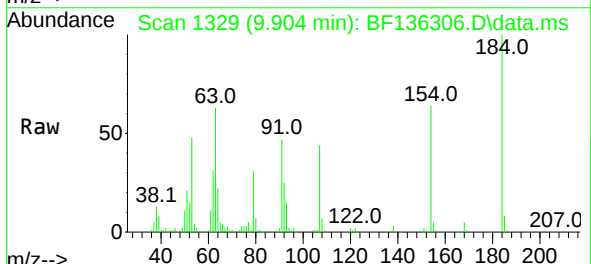
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

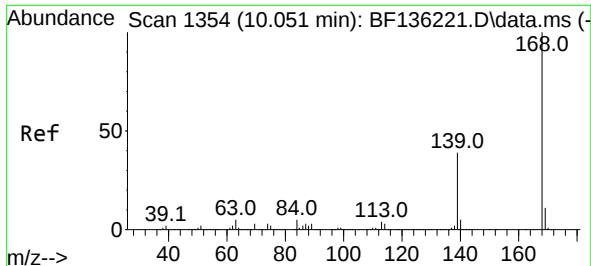
Tgt Ion:138 Resp: 176662
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 117.4 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 41.398 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:184 Resp: 78838
Ion Ratio Lower Upper
184 100
63 63.5 55.0 82.4
154 64.4 54.9 82.3

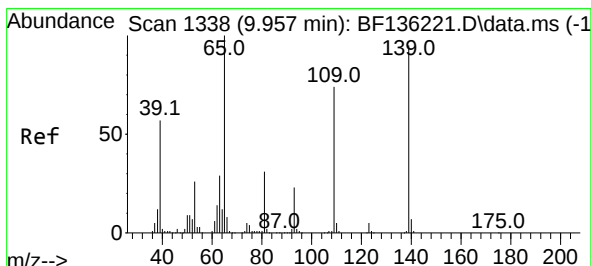
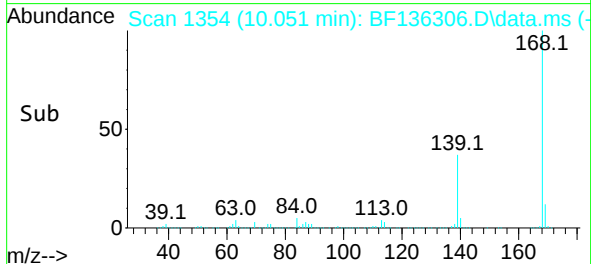
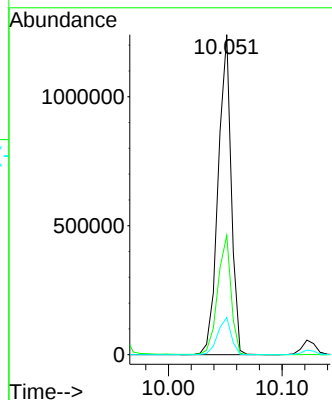
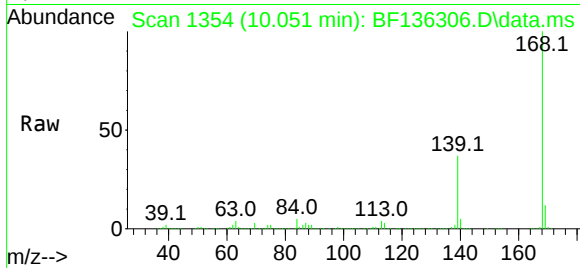




#55
Dibenzenofuran
Concen: 40.667 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

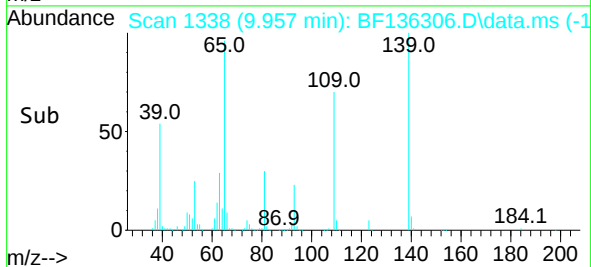
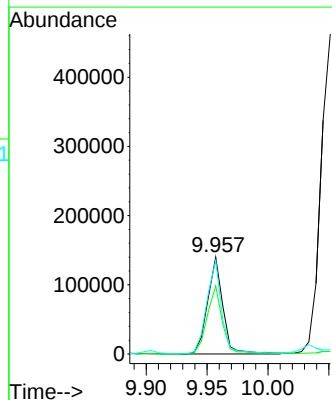
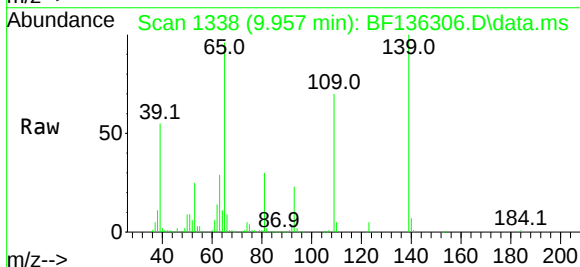
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

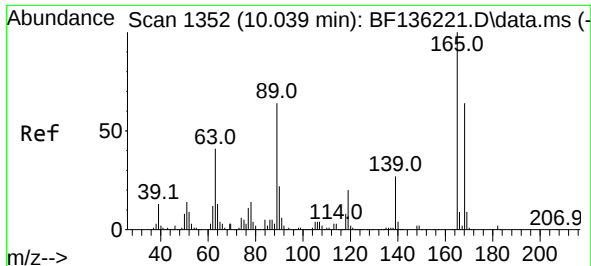
Tgt Ion:168 Resp: 991105
Ion Ratio Lower Upper
168 100
139 37.3 30.9 46.3
169 11.7 9.1 13.7



#56
4-Nitrophenol
Concen: 39.768 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:139 Resp: 122715
Ion Ratio Lower Upper
139 100
109 70.4 57.8 97.8
65 96.3 86.0 126.0

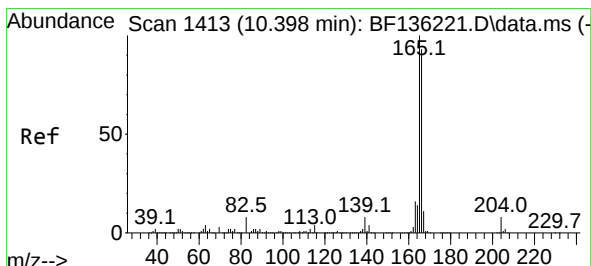
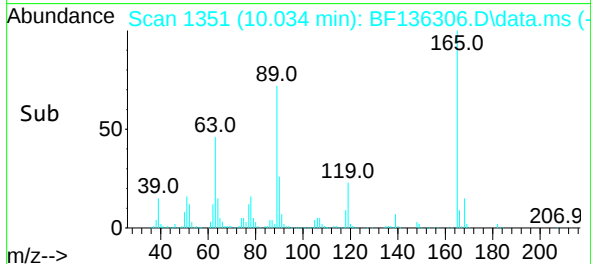
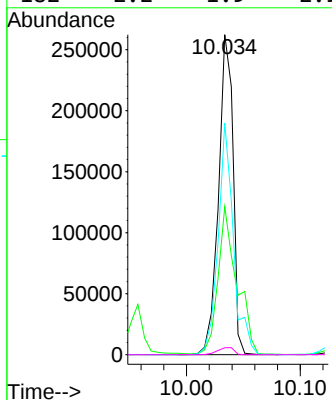
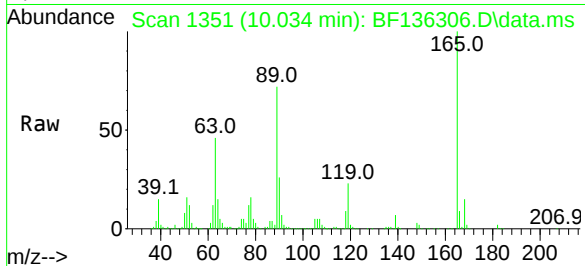




#57
2,4-Dinitrotoluene
Concen: 42.694 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

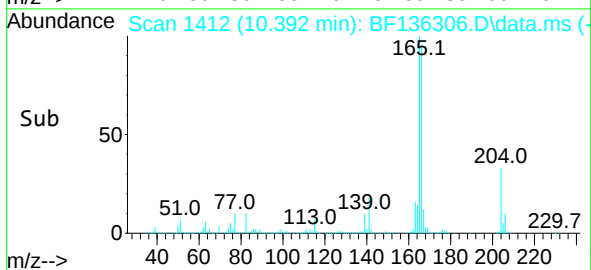
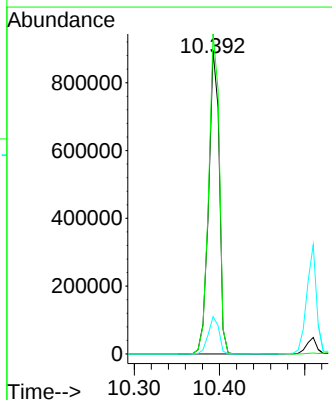
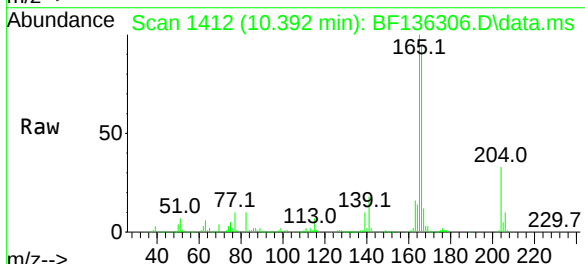
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

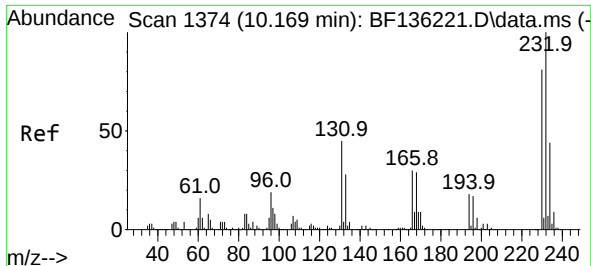
Tgt Ion:	165	Resp:	233517
Ion	Ratio	Lower	Upper
165	100		
63	46.3	33.0	49.4
89	72.3	51.5	77.3
182	2.2	1.9	2.9



#58
Fluorene
Concen: 40.604 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:	166	Resp:	776209
Ion	Ratio	Lower	Upper
166	100		
165	105.5	86.2	129.4
167	12.3	9.1	13.7

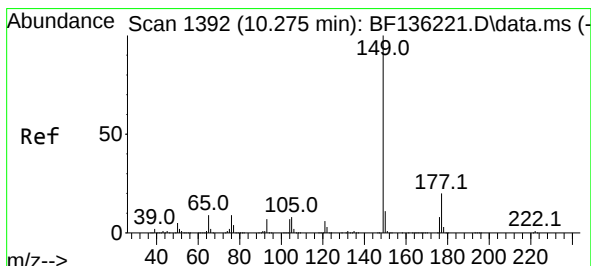
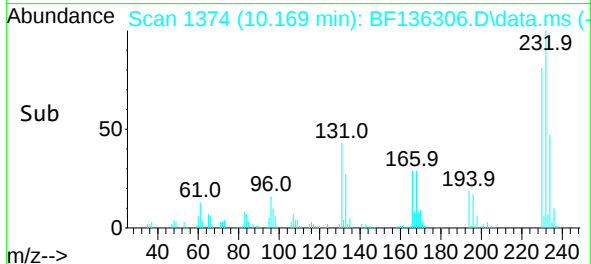
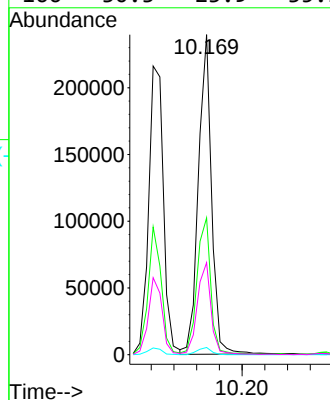
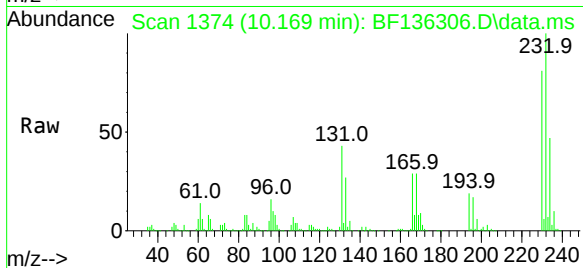




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.591 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

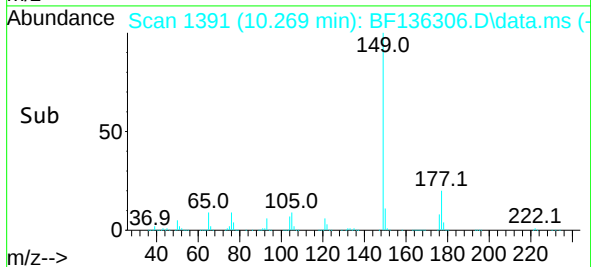
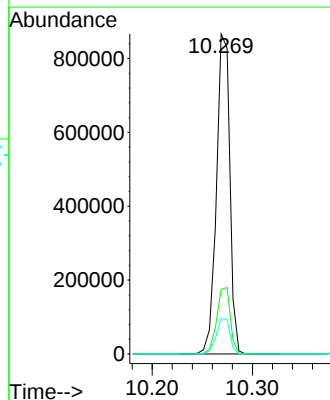
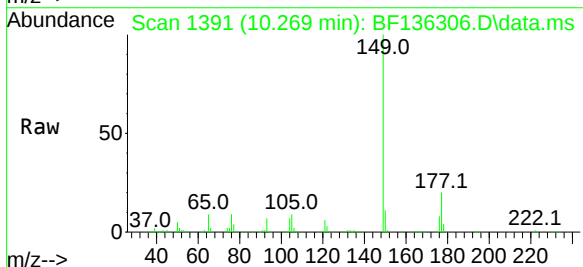
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

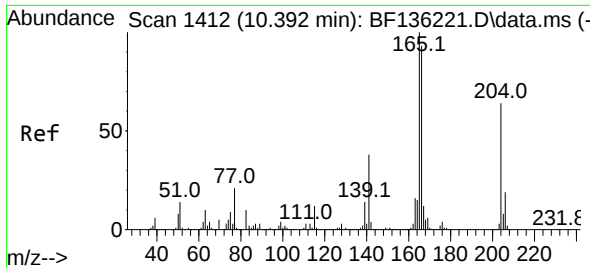
Tgt Ion:232 Resp: 193066
Ion Ratio Lower Upper
232 100
131 44.5 36.4 54.6
130 2.4 1.9 2.9
166 30.3 23.9 35.9



#60
Diethylphthalate
Concen: 39.978 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:149 Resp: 801545
Ion Ratio Lower Upper
149 100
177 20.2 15.8 23.6
150 11.1 8.8 13.2

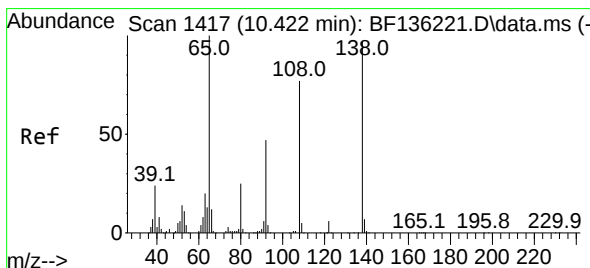
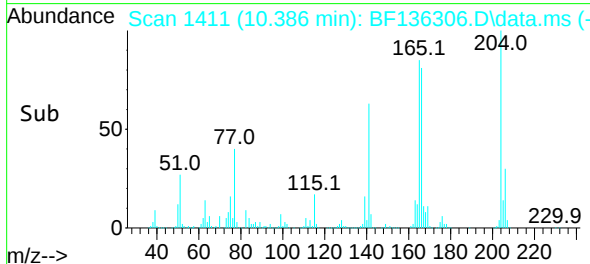
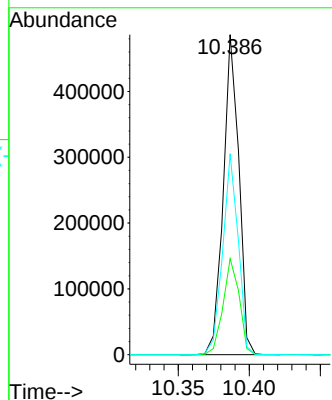
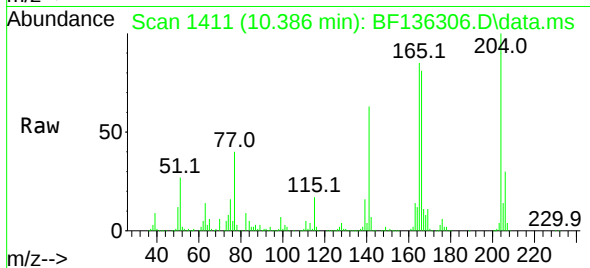




#61
4-Chlorophenyl-phenylether
Concen: 39.758 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

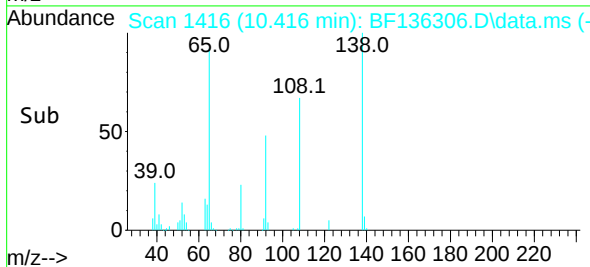
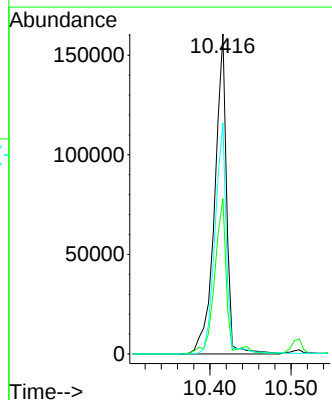
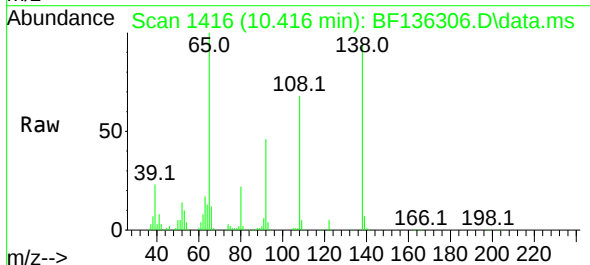
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

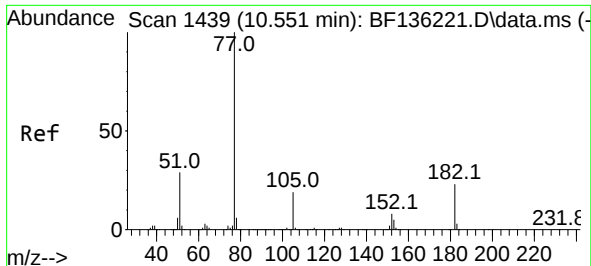
Tgt Ion:204 Resp: 369095
Ion Ratio Lower Upper
204 100
206 30.0 23.4 35.0
141 62.8 47.6 71.4



#62
4-Nitroaniline
Concen: 41.196 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:138 Resp: 163836
Ion Ratio Lower Upper
138 100
92 48.5 28.5 68.5
108 72.2 59.8 99.8

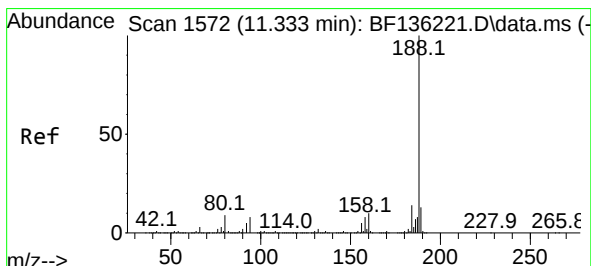
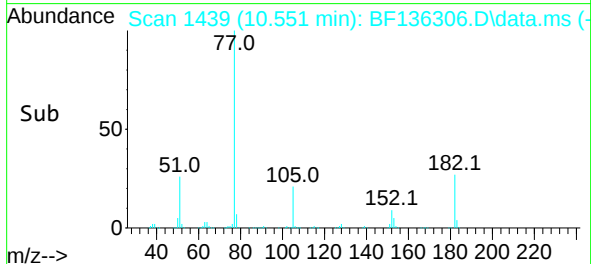
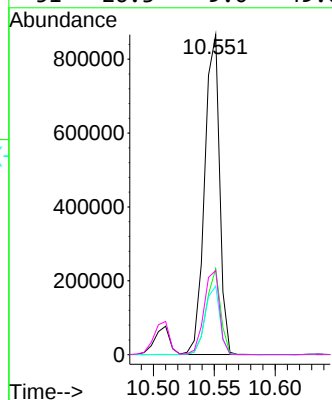
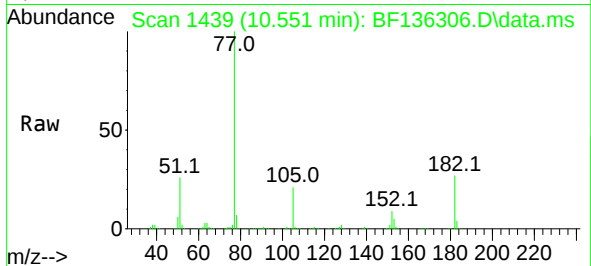




#63
Azobenzene
Concen: 39.700 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

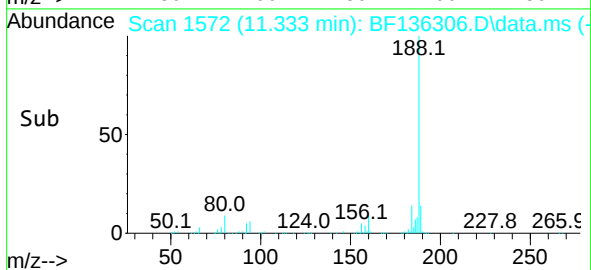
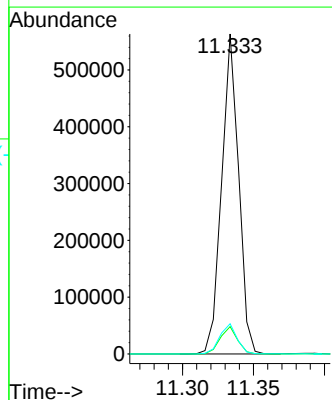
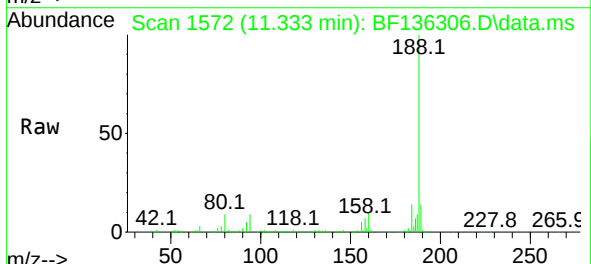
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

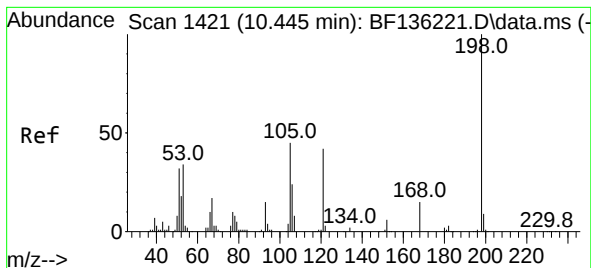
Tgt Ion:	77	Resp:	737927
Ion	Ratio	Lower	Upper
77	100		
182	26.9	3.3	43.3
105	21.4	0.0	39.5
51	26.3	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:	188	Resp:	468098
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.5	7.2	10.8

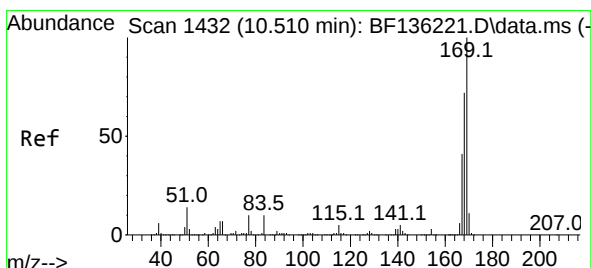
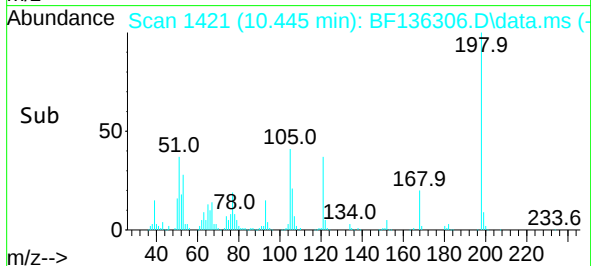
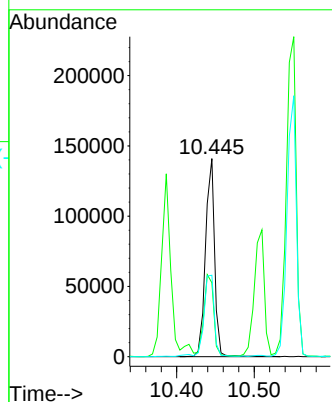
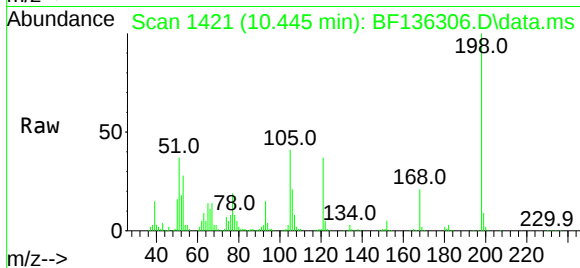




#65
4,6-Dinitro-2-methylphenol
Concen: 44.904 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

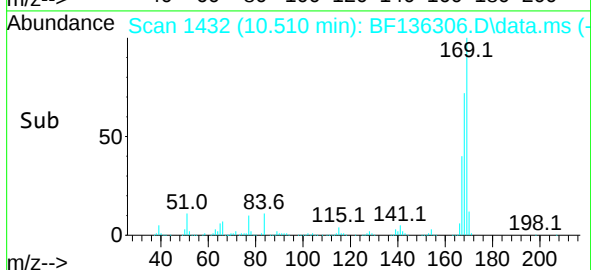
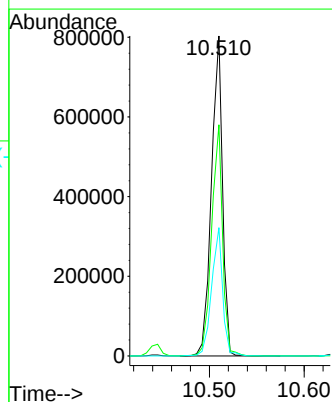
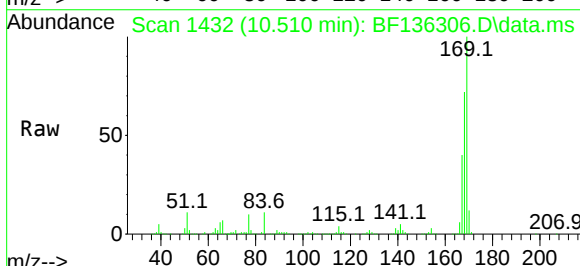
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

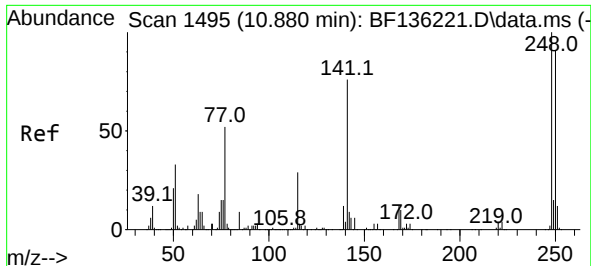
Tgt Ion:198 Resp: 114944
Ion Ratio Lower Upper
198 100
51 37.3 28.2 68.2
105 41.1 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 43.260 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:169 Resp: 648934
Ion Ratio Lower Upper
169 100
168 72.3 57.8 86.6
167 40.1 32.7 49.1

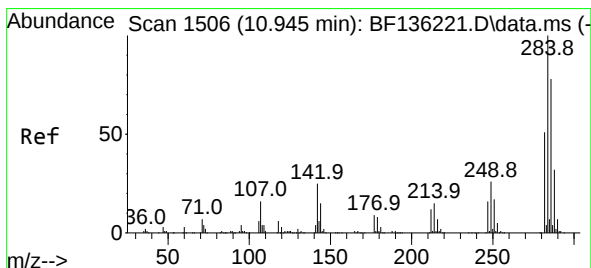
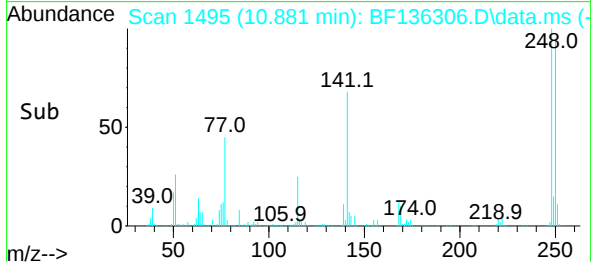
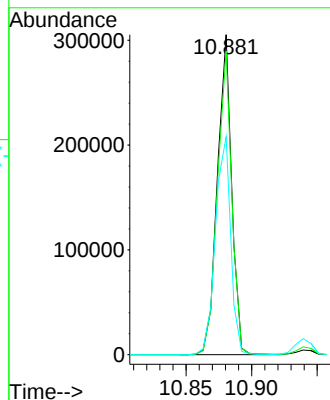
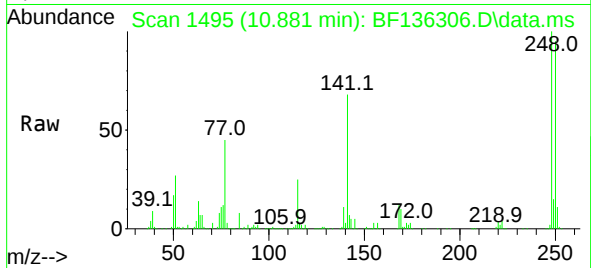




#67
4-Bromophenyl-phenylether
Concen: 42.388 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

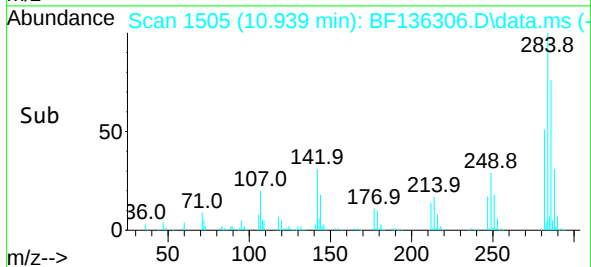
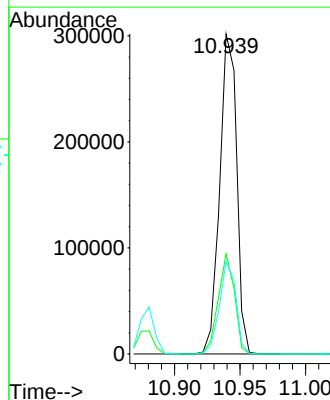
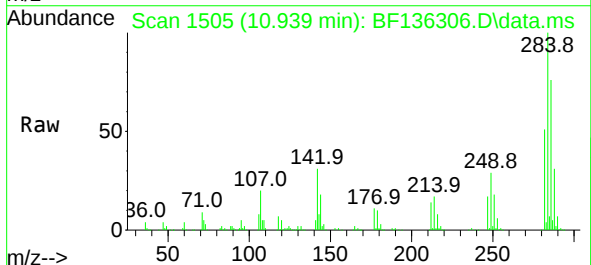
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

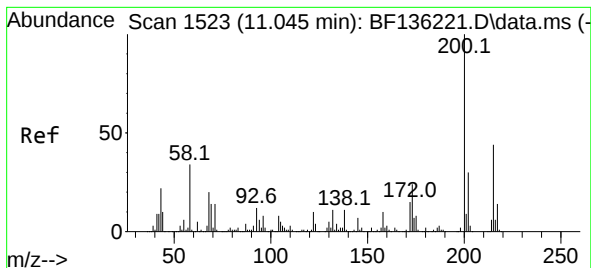
Tgt Ion:248 Resp: 231485
Ion Ratio Lower Upper
248 100
250 94.9 72.5 108.7
141 68.1 60.8 91.2



#68
Hexachlorobenzene
Concen: 42.842 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:284 Resp: 270781
Ion Ratio Lower Upper
284 100
142 31.3 19.8 29.8#
249 29.0 21.0 31.4





#69

Atrazine

Concen: 39.187 ng

RT: 11.039 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

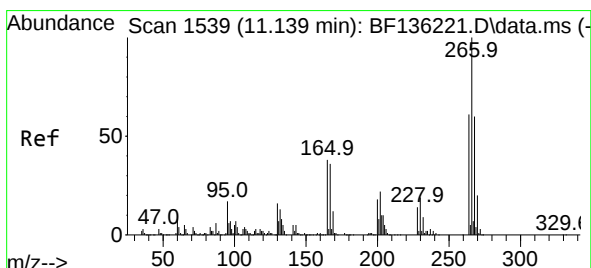
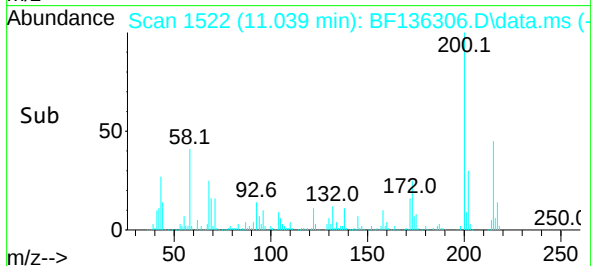
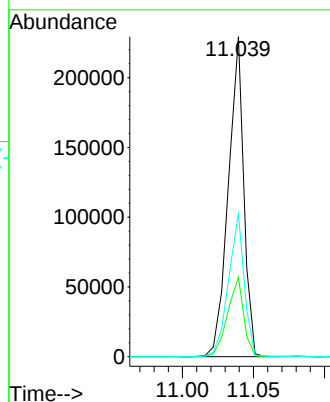
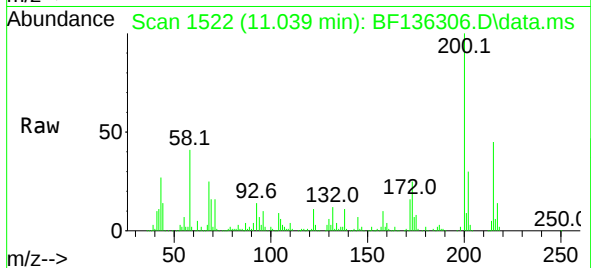
Tgt Ion:200 Resp: 174379

Ion Ratio Lower Upper

200 100

173 24.8 4.3 44.3

215 44.7 23.8 63.8



#70

Pentachlorophenol

Concen: 42.668 ng

RT: 11.133 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

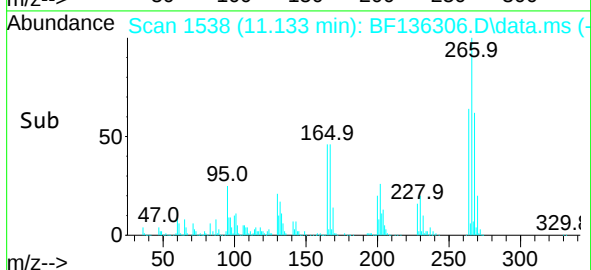
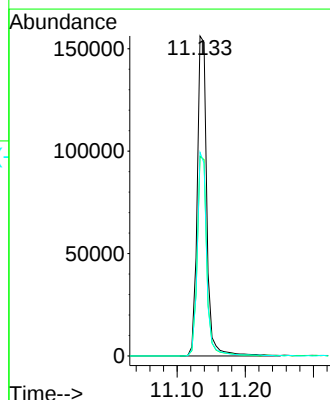
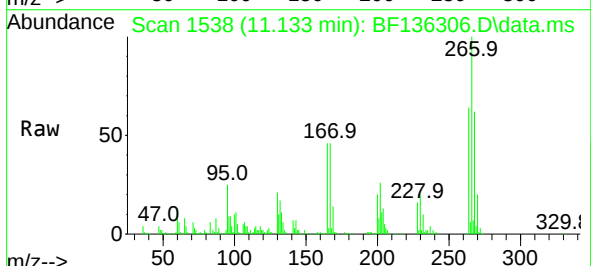
Tgt Ion:266 Resp: 152440

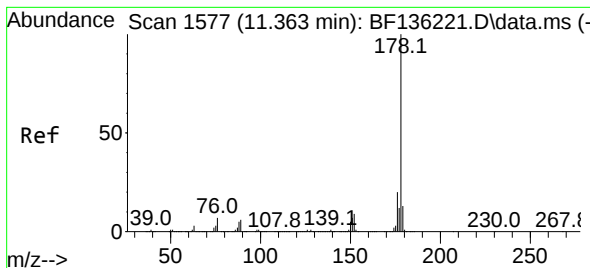
Ion Ratio Lower Upper

266 100

268 62.3 47.9 71.9

264 63.6 49.1 73.7





#71

Phenanthrene

Concen: 41.625 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

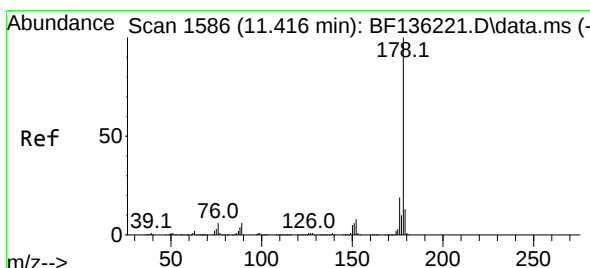
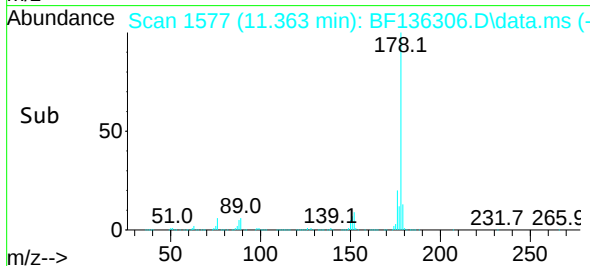
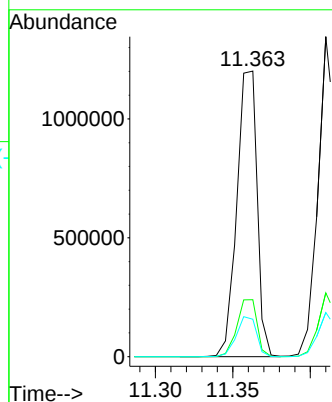
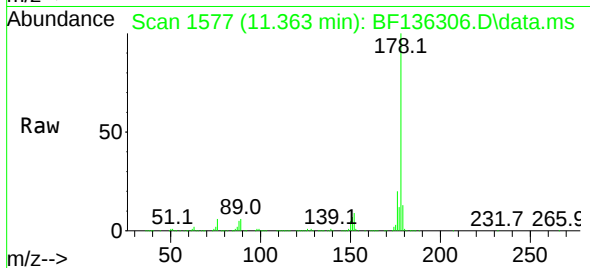
Tgt Ion:178 Resp: 1095114

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

179 13.1 10.3 15.5



#72

Anthracene

Concen: 41.994 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

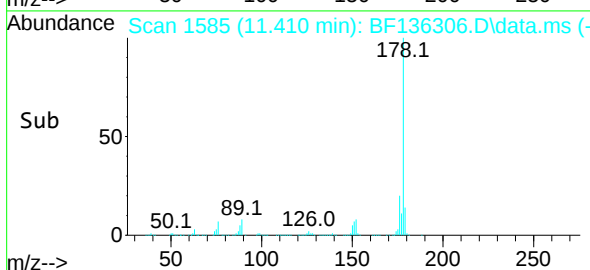
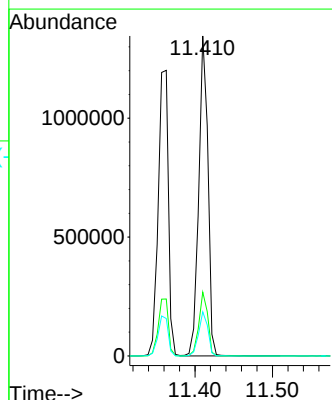
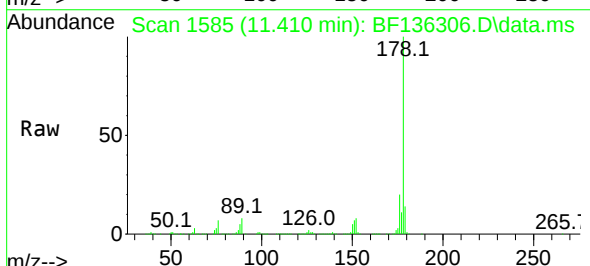
Tgt Ion:178 Resp: 1107952

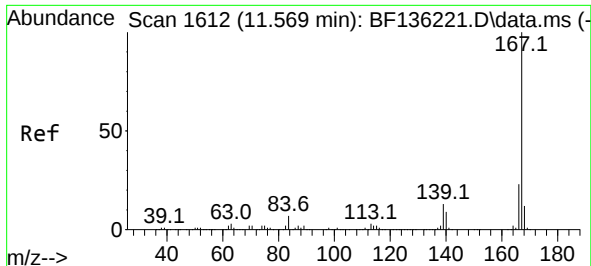
Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 13.8 10.5 15.7

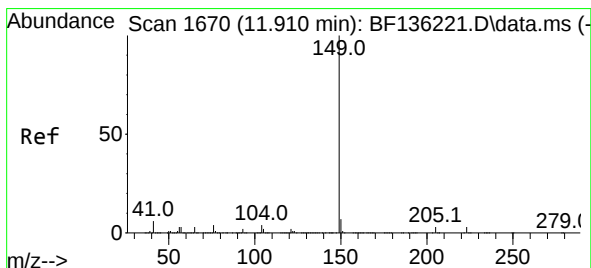
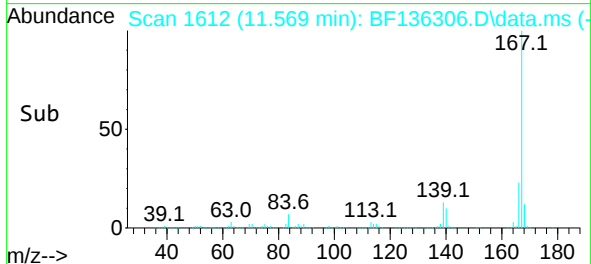
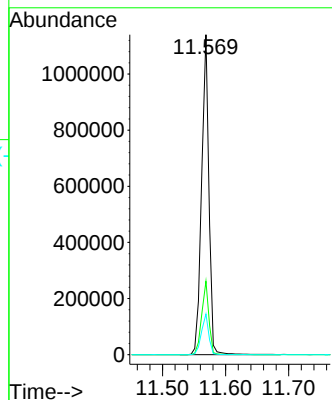
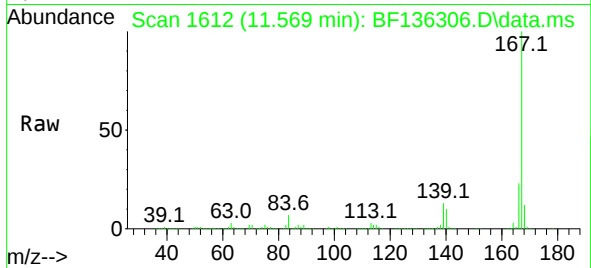




#73
 Carbazole
 Concen: 40.656 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136306.D
 Acq: 30 Nov 2023 11:04

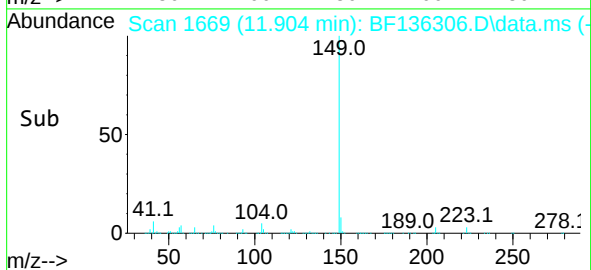
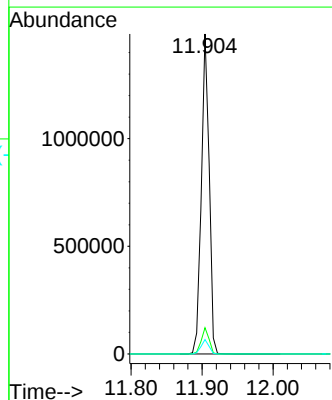
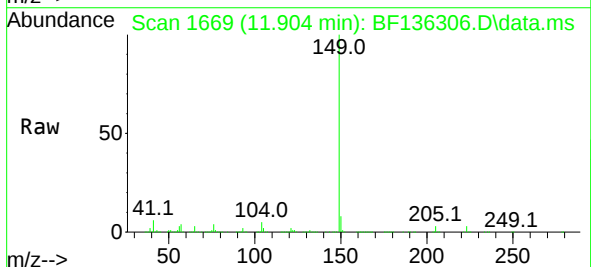
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

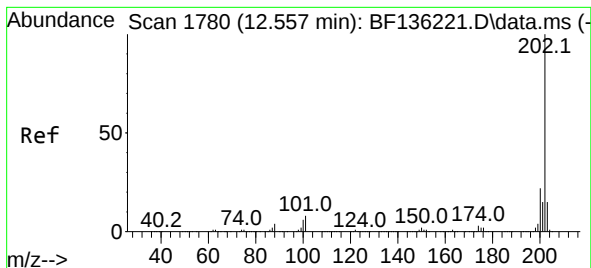
Tgt Ion:167 Resp: 912287
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 12.7 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 40.518 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136306.D
 Acq: 30 Nov 2023 11:04

Tgt Ion:149 Resp: 1137594
 Ion Ratio Lower Upper
 149 100
 150 8.2 6.0 9.0
 104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 38.579 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

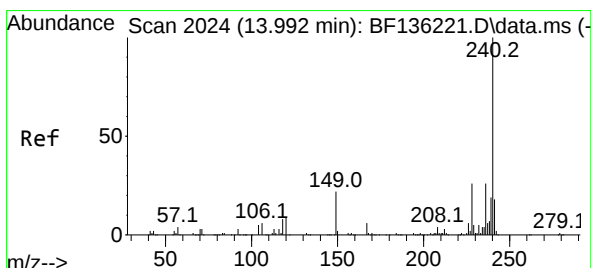
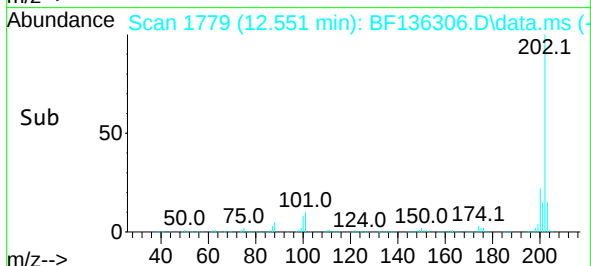
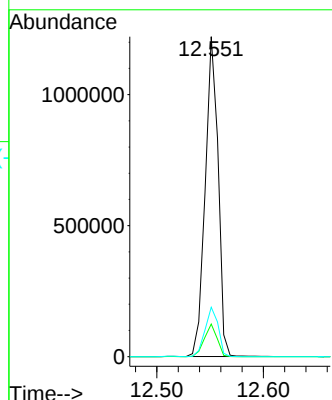
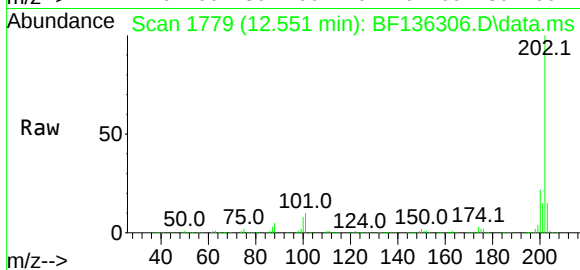
Tgt Ion:202 Resp: 1030383

Ion Ratio Lower Upper

202 100

101 10.2 0.0 27.8

203 15.5 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

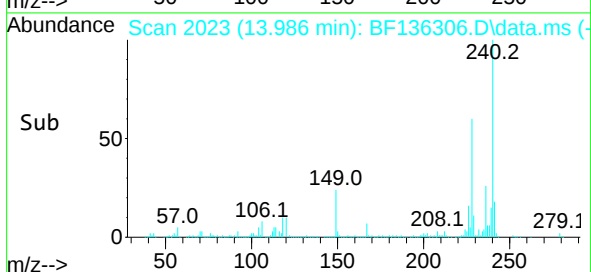
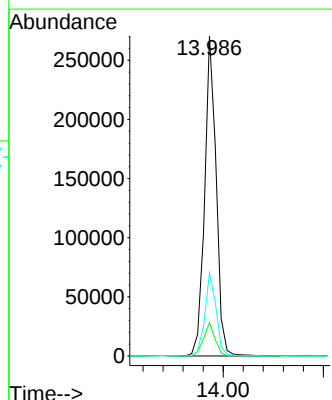
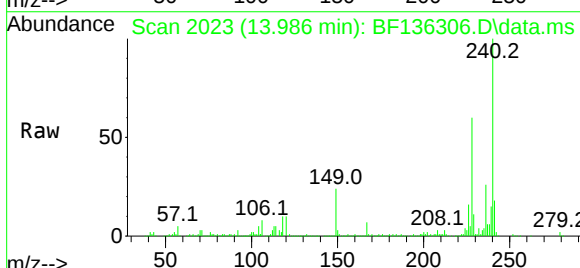
Tgt Ion:240 Resp: 217276

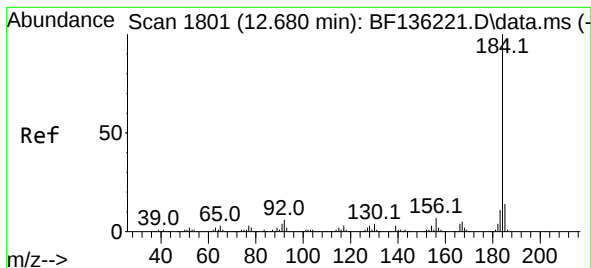
Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.2

236 25.9 21.1 31.7





#77

Benzidine

Concen: 68.786 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

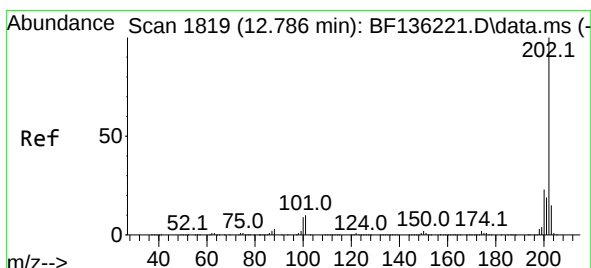
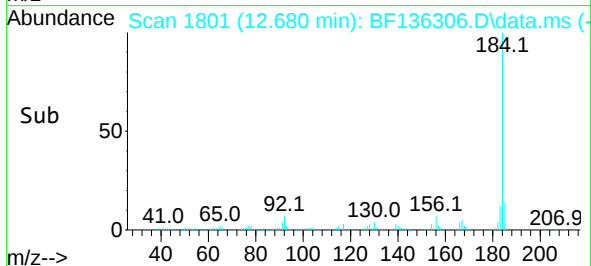
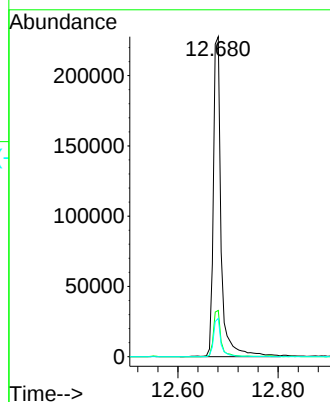
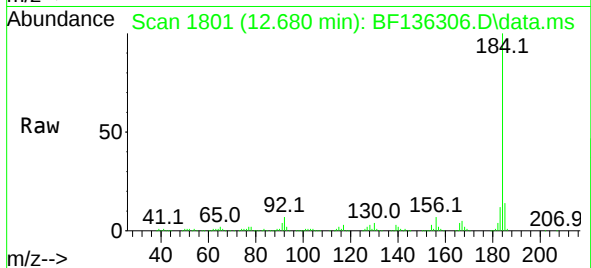
Tgt Ion:184 Resp: 245677

Ion Ratio Lower Upper

184 100

185 14.5 11.0 16.6

183 12.0 9.0 13.4



#78

Pyrene

Concen: 43.561 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

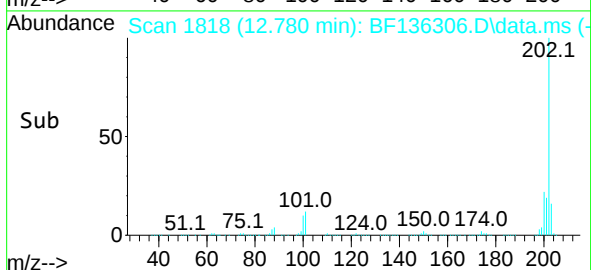
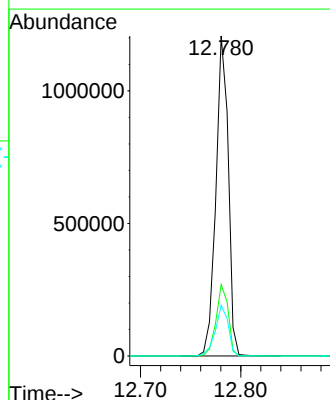
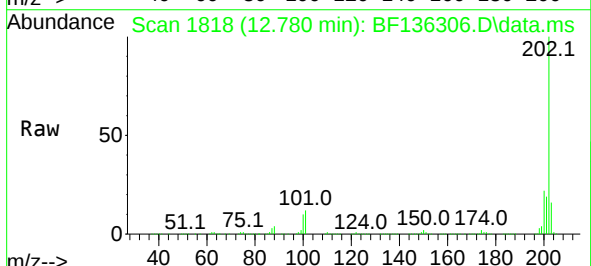
Tgt Ion:202 Resp: 1036551

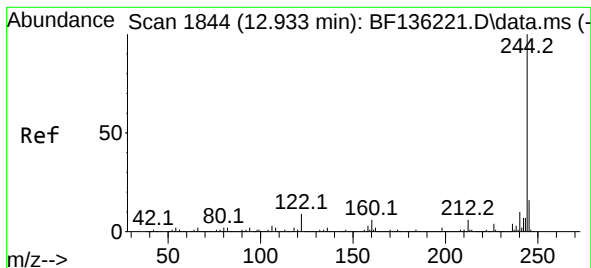
Ion Ratio Lower Upper

202 100

200 22.3 18.4 27.6

203 15.8 11.8 17.6





#79

Terphenyl-d14

Concen: 84.636 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

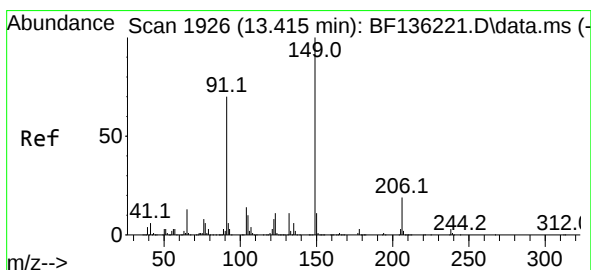
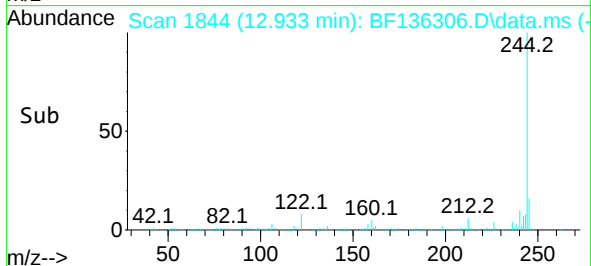
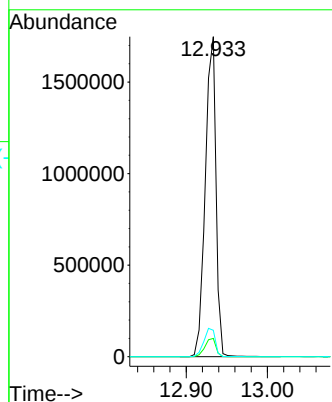
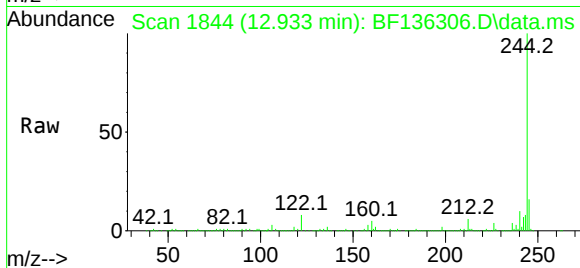
Tgt Ion:244 Resp: 1594241

Ion Ratio Lower Upper

244 100

212 5.7 4.6 7.0

122 8.2 7.3 10.9



#80

Butylbenzylphthalate

Concen: 43.129 ng

RT: 13.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

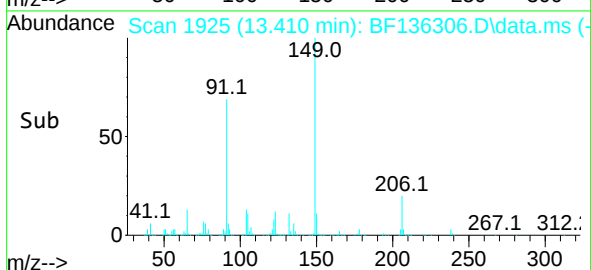
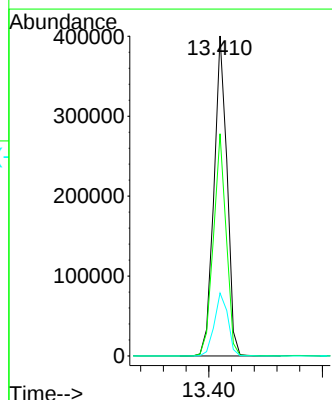
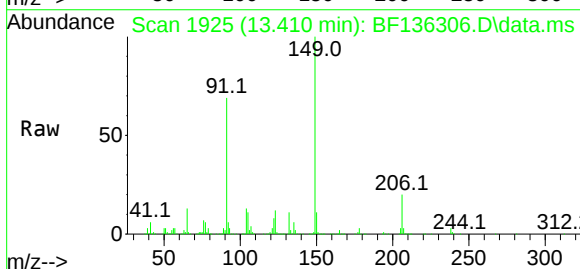
Tgt Ion:149 Resp: 319403

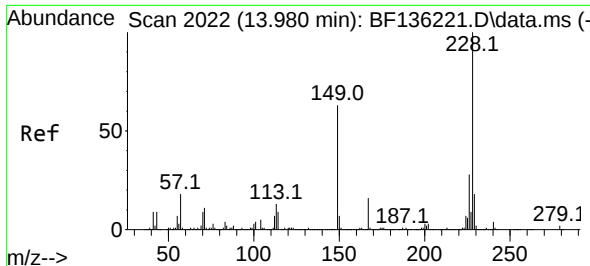
Ion Ratio Lower Upper

149 100

91 69.4 56.4 84.6

206 19.7 14.8 22.2

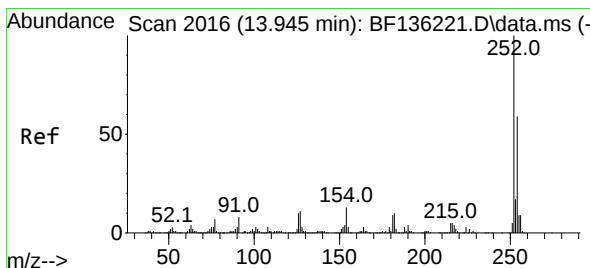
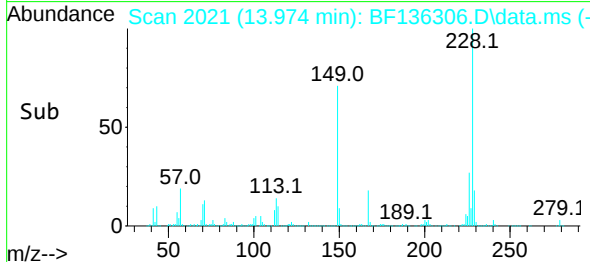
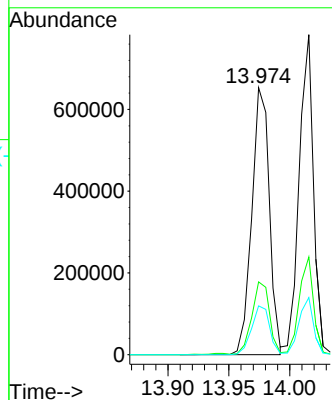
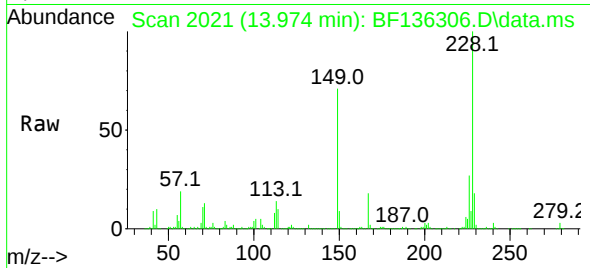




#81
Benzo(a)anthracene
Concen: 40.612 ng
RT: 13.974 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

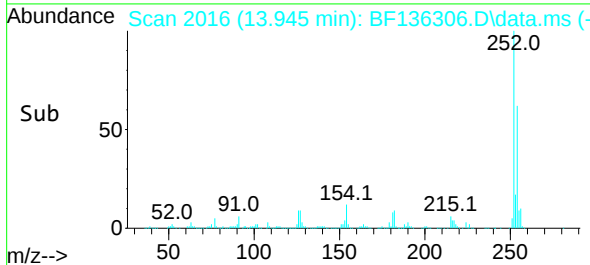
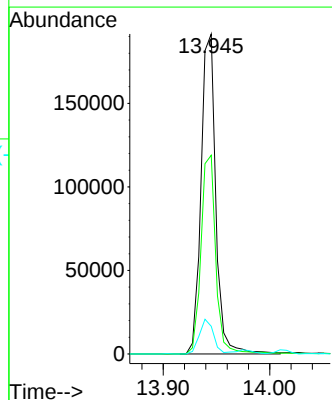
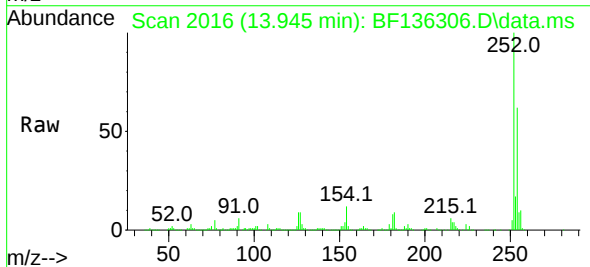
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

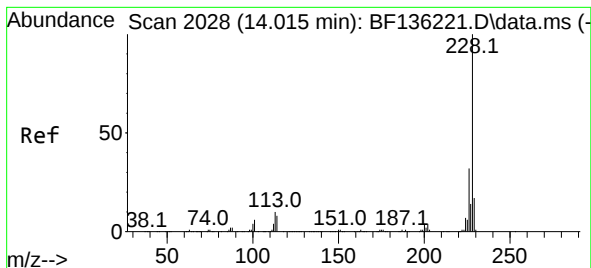
Tgt Ion:228 Resp: 655422
Ion Ratio Lower Upper
228 100
226 27.2 22.6 34.0
229 18.3 14.0 21.0



#82
3,3'-Dichlorobenzidine
Concen: 47.699 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:252 Resp: 185302
Ion Ratio Lower Upper
252 100
254 62.1 47.4 71.2
126 8.6 8.3 12.5





#83

Chrysene

Concen: 41.675 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

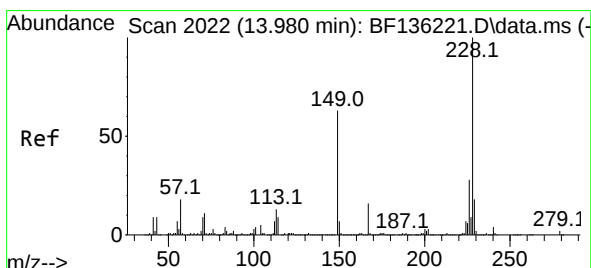
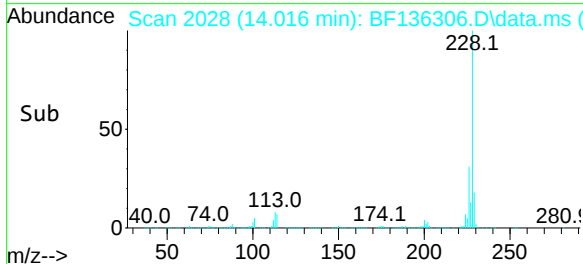
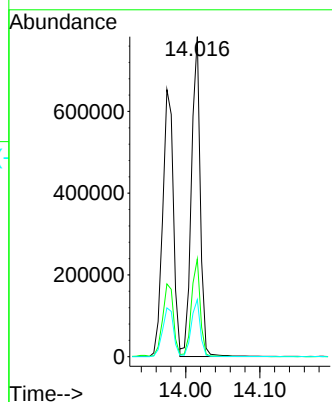
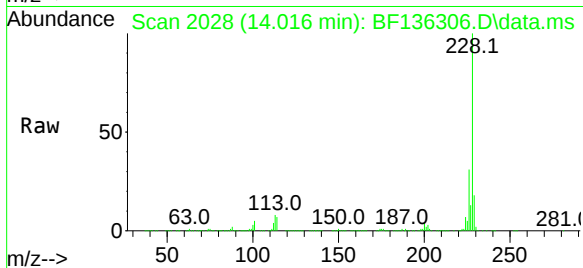
Tgt Ion:228 Resp: 649403

Ion Ratio Lower Upper

228 100

226 30.6 25.5 38.3

229 17.8 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.540 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

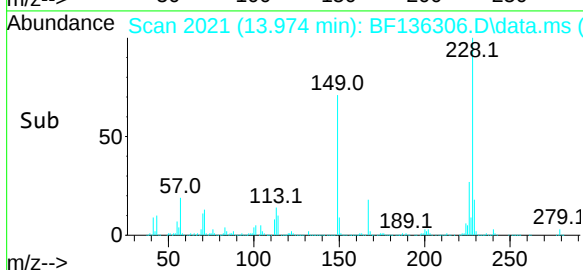
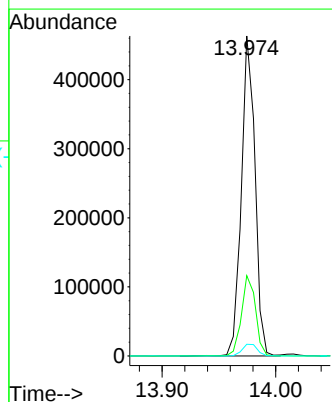
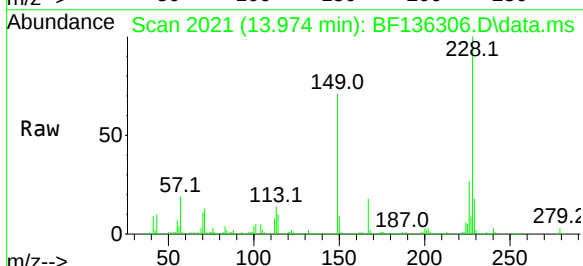
Tgt Ion:149 Resp: 386979

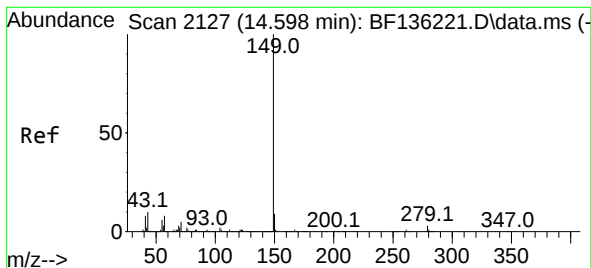
Ion Ratio Lower Upper

149 100

167 25.1 20.2 30.2

279 3.6 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 46.623 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

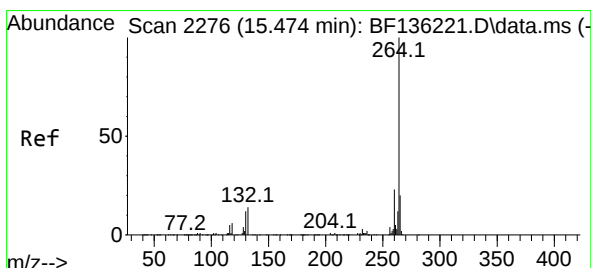
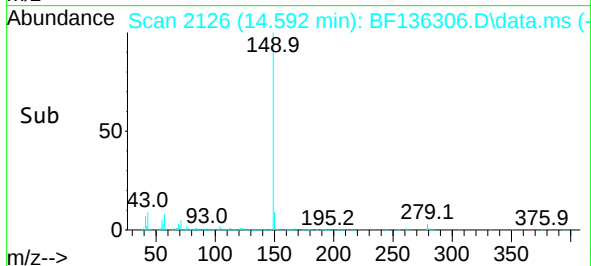
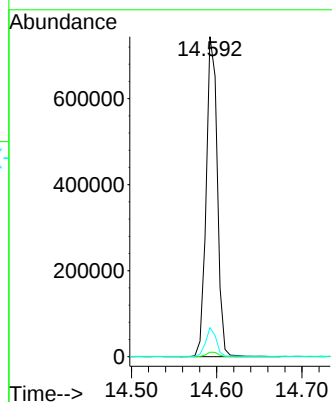
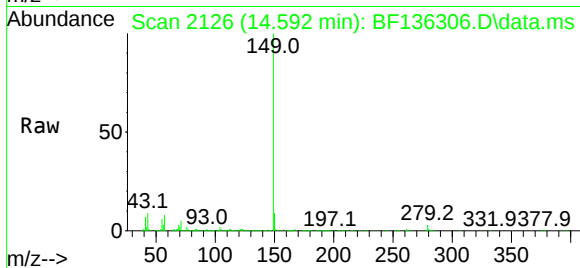
Tgt Ion:149 Resp: 670606

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

43 8.7 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

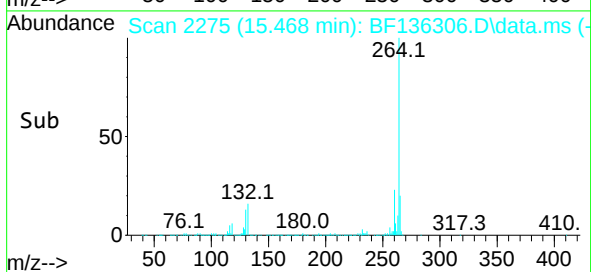
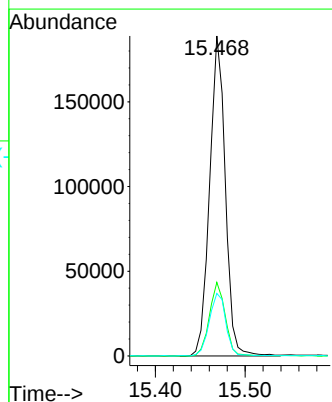
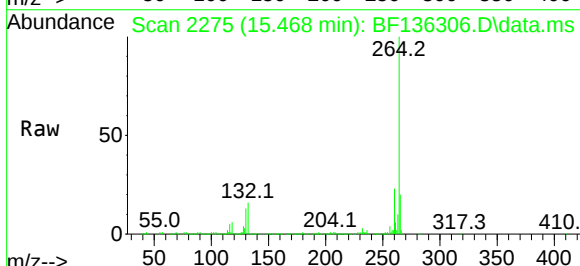
Tgt Ion:264 Resp: 228915

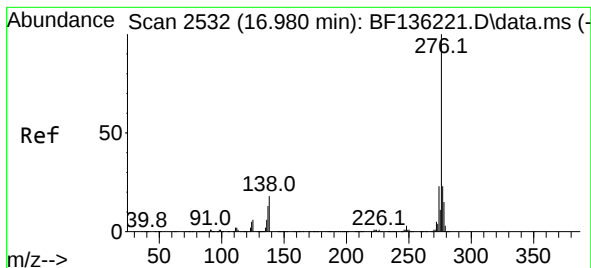
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 19.6 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.797 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

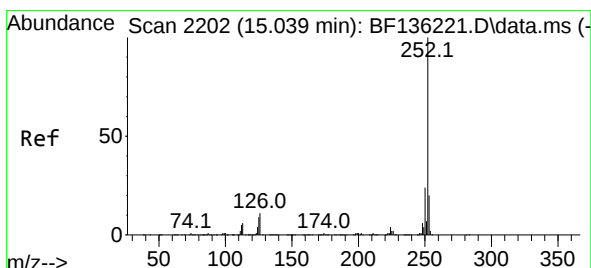
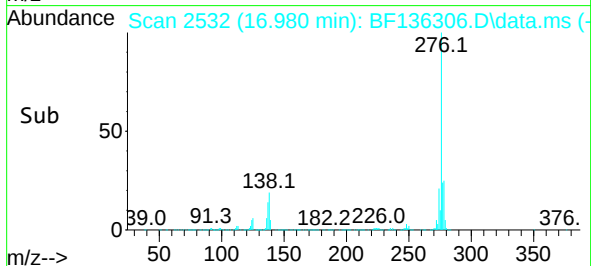
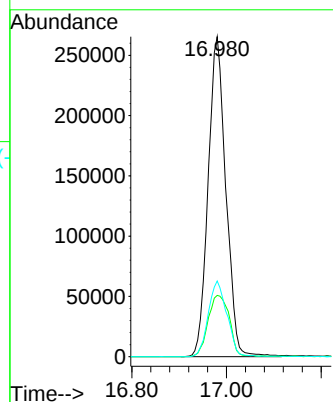
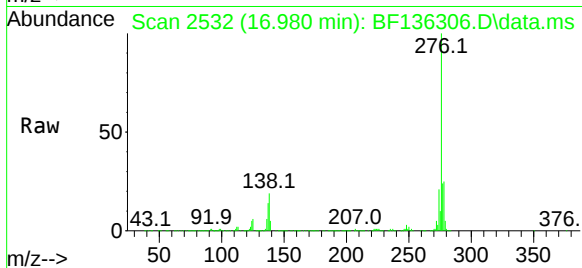
Tgt Ion:276 Resp: 690785

Ion Ratio Lower Upper

276 100

138 23.0 17.7 26.5

277 24.9 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 39.072 ng

RT: 15.033 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF136306.D

Acq: 30 Nov 2023 11:04

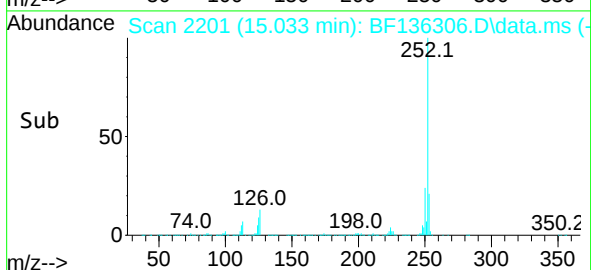
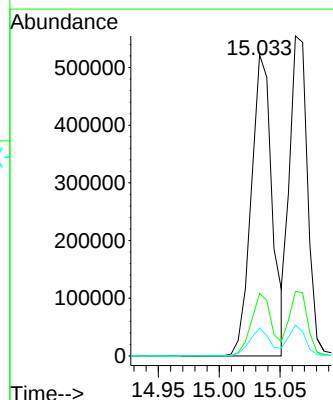
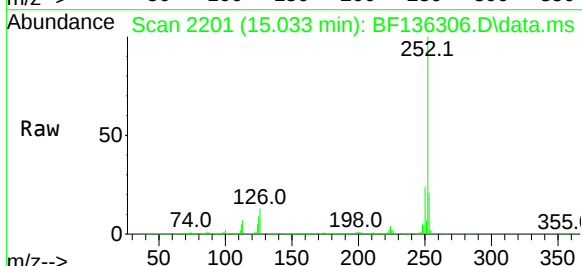
Tgt Ion:252 Resp: 627504

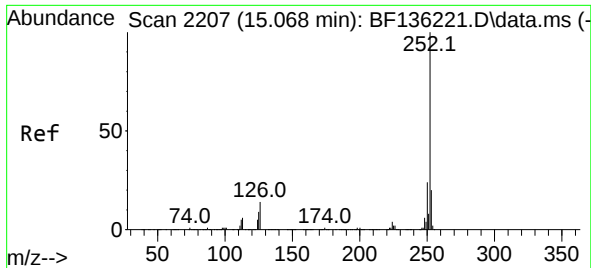
Ion Ratio Lower Upper

252 100

253 20.8 16.2 24.2

125 9.3 6.9 10.3

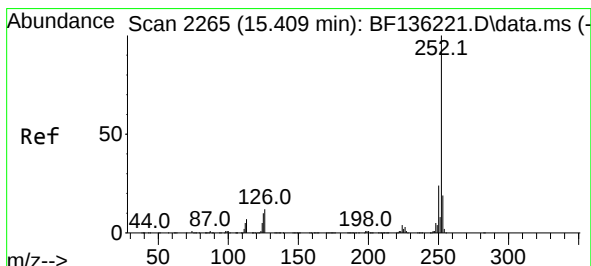
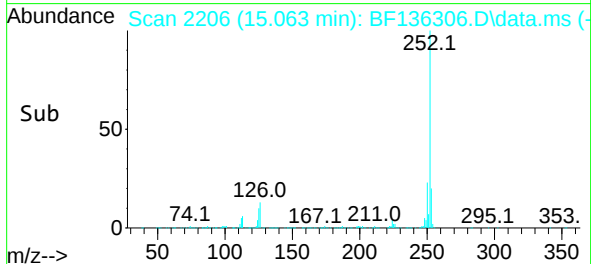
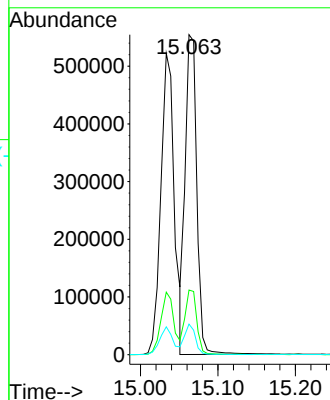
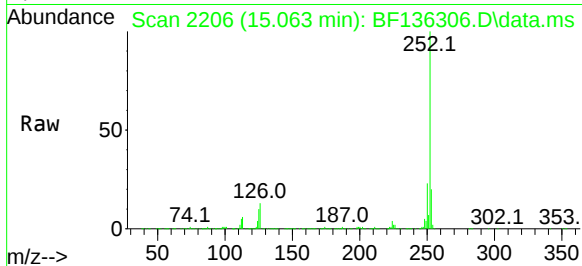




#89
Benzo(k)fluoranthene
Concen: 37.832 ng
RT: 15.063 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

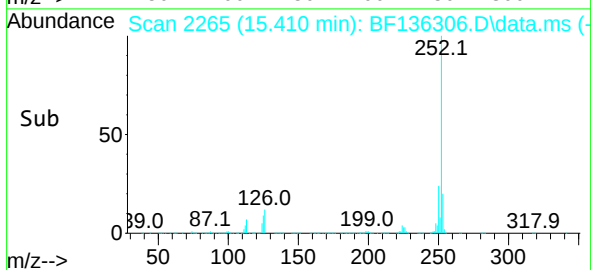
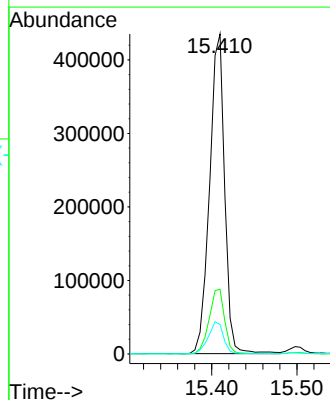
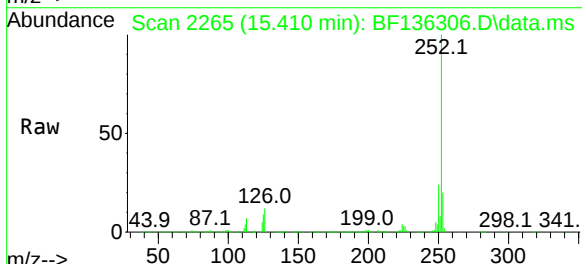
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

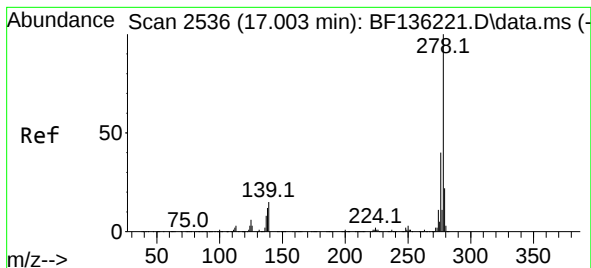
Tgt Ion:252 Resp: 577069
Ion Ratio Lower Upper
252 100
253 20.2 15.6 23.4
125 9.6 7.0 10.4



#90
Benzo(a)pyrene
Concen: 40.741 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:252 Resp: 534880
Ion Ratio Lower Upper
252 100
253 20.2 15.5 23.3
125 9.2 7.9 11.9

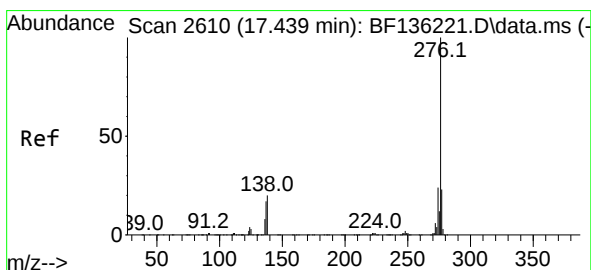
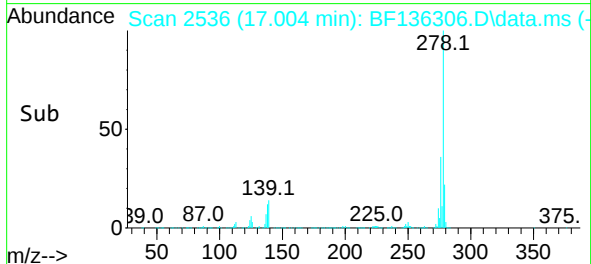
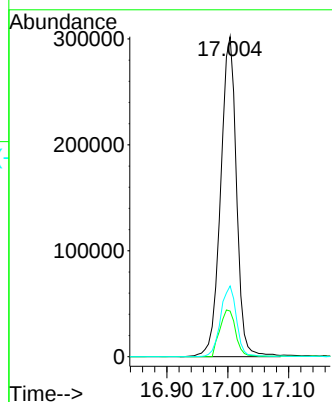
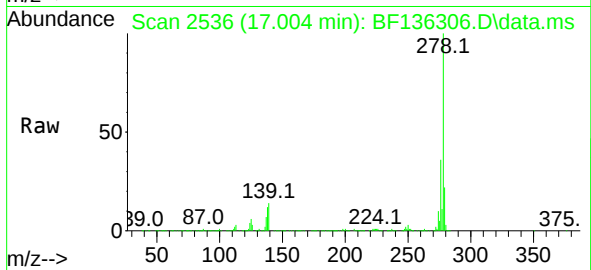




#91
Dibenzo(a,h)anthracene
Concen: 40.344 ng
RT: 17.004 min Scan# 2536
Delta R.T. 0.001 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 547757
Ion Ratio Lower Upper
278 100
139 14.2 11.7 17.5
279 22.1 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 41.111 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF136306.D
Acq: 30 Nov 2023 11:04

Tgt Ion:276 Resp: 562618
Ion Ratio Lower Upper
276 100
277 22.7 18.6 27.8
138 19.1 15.8 23.8

