

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136675.D
 Acq On : 21 Dec 2023 18:30
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 21 22:44:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	69585	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	269996	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	136598	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	240536	20.000	ng	0.00
76) Chrysene-d12	13.963	240	114436	20.000	ng	0.00
86) Perylene-d12	15.445	264	126569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	358015	80.277	ng	0.00
7) Phenol-d6	6.434	99	451786	78.180	ng	0.00
23) Nitrobenzene-d5	7.351	82	423074	80.183	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	121711	75.656	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	824570	81.190	ng	0.00
79) Terphenyl-d14	12.904	244	694400	84.799	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	72413	38.969	ng	98
3) Pyridine	3.293	79	183169	40.401	ng	96
4) n-Nitrosodimethylamine	3.258	42	98470	40.671	ng	95
6) Aniline	6.457	93	224618	38.877	ng	99
8) 2-Chlorophenol	6.575	128	195217	40.000	ng	98
9) Benzaldehyde	6.340	77	126653	38.532	ng	97
10) Phenol	6.446	94	238522	38.665	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	184127	39.248	ng	98
12) 1,3-Dichlorobenzene	6.728	146	213573	40.115	ng	99
13) 1,4-Dichlorobenzene	6.804	146	215817	39.672	ng	99
14) 1,2-Dichlorobenzene	6.957	146	202202	39.945	ng	99
15) Benzyl Alcohol	6.934	79	155511	39.889	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	299308	39.023	ng	97
17) 2-Methylphenol	7.046	107	161723	39.999	ng	99
18) Hexachloroethane	7.293	117	79829	40.406	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	137579	39.274	ng	96
20) 3+4-Methylphenols	7.199	107	195288	38.662	ng	98
22) Acetophenone	7.199	105	272007	40.194	ng	96
24) Nitrobenzene	7.369	77	217683	41.185	ng	99
25) Isophorone	7.610	82	381155	39.700	ng	98
26) 2-Nitrophenol	7.687	139	105111	41.565	ng	97
27) 2,4-Dimethylphenol	7.722	122	125714	40.834	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	232354	39.815	ng	98
29) 2,4-Dichlorophenol	7.928	162	158699	40.040	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	179218	40.582	ng	98
31) Naphthalene	8.087	128	590960	39.841	ng	100
32) Benzoic acid	7.857	122	102618	34.449	ng	94
33) 4-Chloroaniline	8.140	127	211486	38.617	ng	98
34) Hexachlorobutadiene	8.198	225	109866	40.948	ng	95
35) Caprolactam	8.516	113	49206	37.632	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	175923	39.426	ng	99
37) 2-Methylnaphthalene	8.781	142	378043	39.602	ng	99
38) 1-Methylnaphthalene	8.875	142	370575	39.568	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	175979	41.599	ng	99
41) Hexachlorocyclopentadiene	8.928	237	46995	37.606	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	112800	41.577	ng	99

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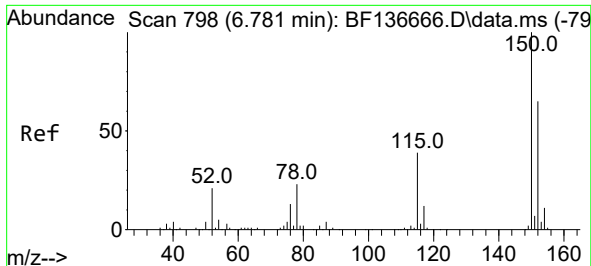
Instrument :
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Quant Time: Dec 21 22:44:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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 QLast Update : Thu Dec 21 01:54:25 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	126505	41.844	ng	97
46) 1,1'-Biphenyl	9.245	154	470054	41.007	ng	100
47) 2-Chloronaphthalene	9.269	162	356371	40.896	ng	99
48) 2-Nitroaniline	9.369	65	108572	39.787	ng	95
49) Acenaphthylene	9.687	152	547965	41.140	ng	99
50) Dimethylphthalate	9.551	163	393008	39.390	ng	100
51) 2,6-Dinitrotoluene	9.610	165	90000	39.746	ng	# 84
52) Acenaphthene	9.857	154	333674	40.414	ng	99
53) 3-Nitroaniline	9.781	138	92374	38.510	ng	99
54) 2,4-Dinitrophenol	9.893	184	44294	37.382	ng	95
55) Dibenzofuran	10.028	168	498048	39.794	ng	99
56) 4-Nitrophenol	9.951	139	60322	37.253	ng	98
57) 2,4-Dinitrotoluene	10.016	165	112395	38.235	ng	99
58) Fluorene	10.375	166	385750	38.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	93001	39.962	ng	99
60) Diethylphthalate	10.245	149	400161	38.655	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	192231	39.824	ng	99
62) 4-Nitroaniline	10.398	138	85571	37.005	ng	96
63) Azobenzene	10.528	77	380220	39.324	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	60159	43.641	ng	100
66) n-Nitrosodiphenylamine	10.487	169	328029	41.981	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	115396	43.198	ng	98
68) Hexachlorobenzene	10.922	284	126188	42.388	ng	98
69) Atrazine	11.016	200	59907	29.976	ng	98
70) Pentachlorophenol	11.122	266	60020	43.255	ng	99
71) Phenanthrene	11.339	178	501729	40.652	ng	100
72) Anthracene	11.392	178	504530	40.365	ng	99
73) Carbazole	11.545	167	450386	38.219	ng	99
74) Di-n-butylphthalate	11.881	149	560381	38.970	ng	99
75) Fluoranthene	12.528	202	478216	36.224	ng	97
77) Benzidine	12.657	184	123083	36.477	ng	98
78) Pyrene	12.763	202	482653	42.964	ng	100
80) Butylbenzylphthalate	13.386	149	170284	41.658	ng	99
81) Benzo(a)anthracene	13.957	228	327521	41.217	ng	98
82) 3,3'-Dichlorobenzidine	13.922	252	99515	44.098	ng	99
83) Chrysene	13.992	228	313247	40.311	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	224230	43.599	ng	98
85) Di-n-octyl phthalate	14.563	149	379058	47.647	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	416492	45.576	ng	100
88) Benzo(b)fluoranthene	15.010	252	341552	40.403	ng	99
89) Benzo(k)fluoranthene	15.039	252	286586	35.877	ng	99
90) Benzo(a)pyrene	15.380	252	291450	40.843	ng	99
91) Dibenzo(a,h)anthracene	16.969	278	346686	46.242	ng	96
92) Benzo(g,h,i)perylene	17.410	276	362173	47.166	ng	100

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

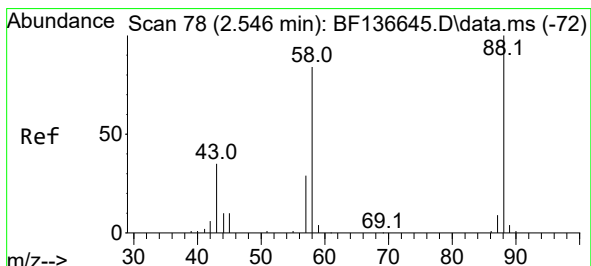
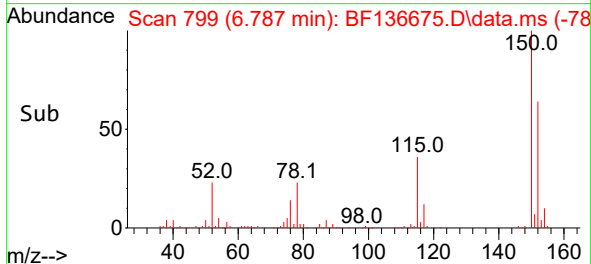
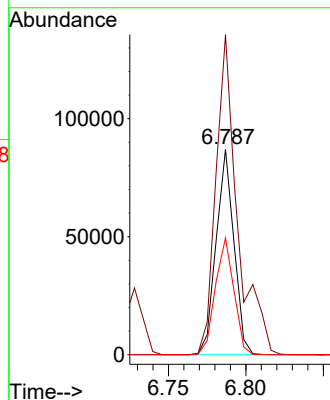
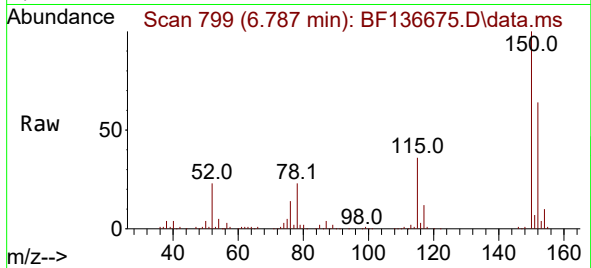
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

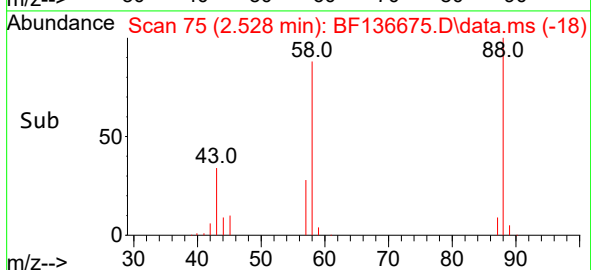
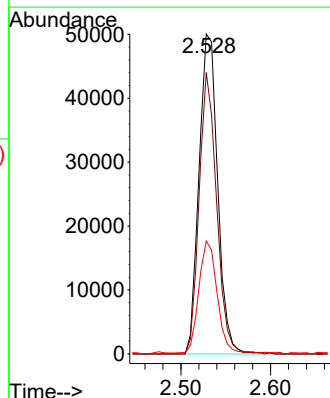
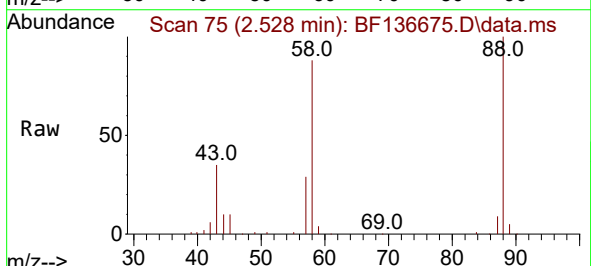
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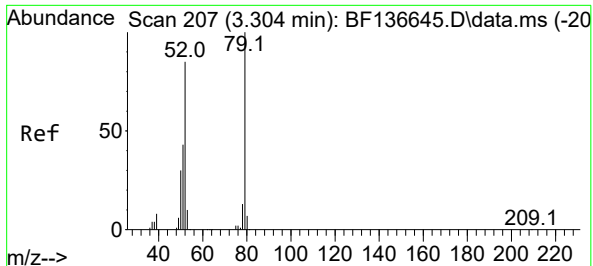
Tgt Ion:152 Resp: 69585
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 56.7 49.0 73.4



#2
1,4-Dioxane
Concen: 38.969 ng
RT: 2.528 min Scan# 75
Delta R.T. -0.017 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion: 88 Resp: 72413
Ion Ratio Lower Upper
88 100
58 82.1 67.4 101.0
43 34.0 27.7 41.5

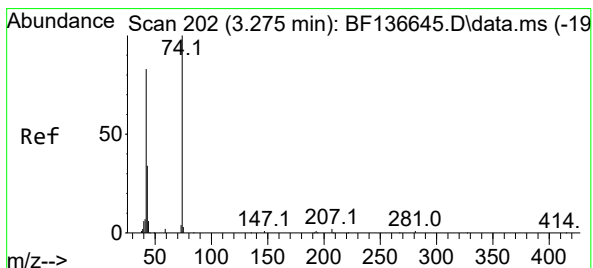
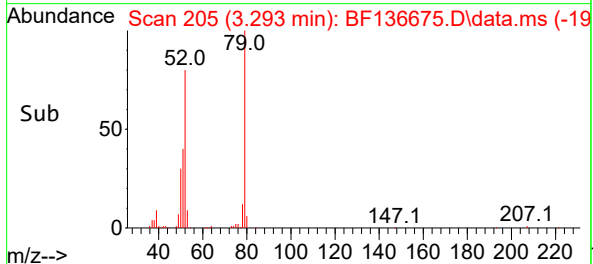
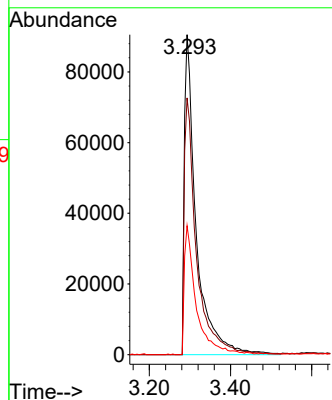
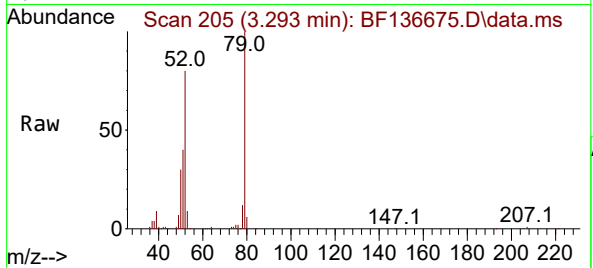




#3
Pyridine
Concen: 40.401 ng
RT: 3.293 min Scan# 207
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

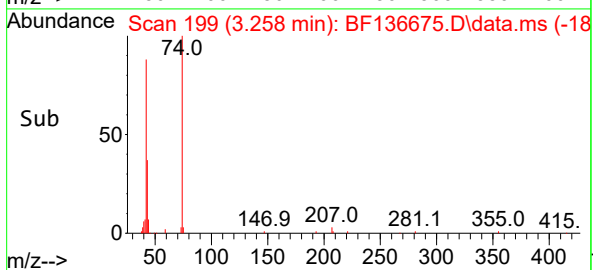
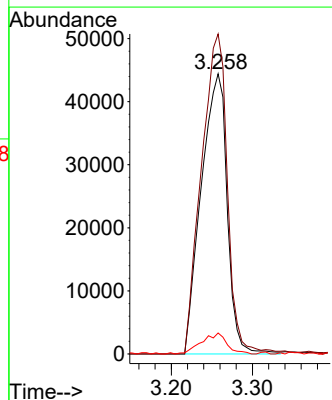
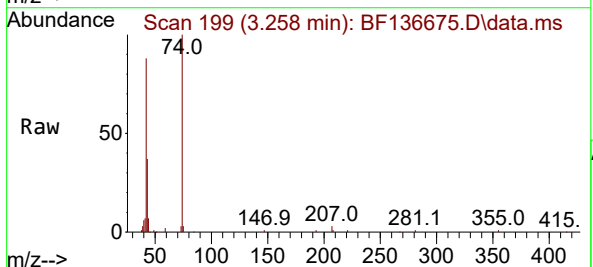
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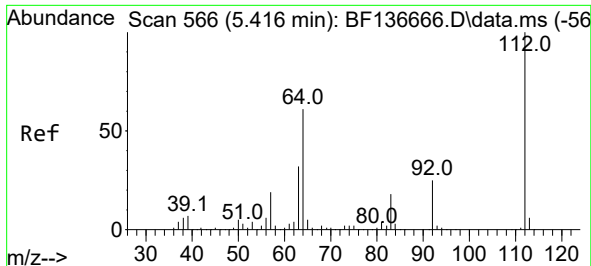
Tgt Ion: 79 Resp: 183169
Ion Ratio Lower Upper
79 100
52 80.2 67.7 101.5
51 40.3 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 40.671 ng
RT: 3.258 min Scan# 199
Delta R.T. -0.017 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion: 42 Resp: 98470
Ion Ratio Lower Upper
42 100
74 114.2 96.0 144.0
44 7.5 5.4 8.2

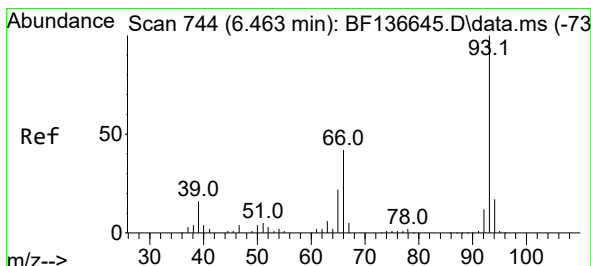
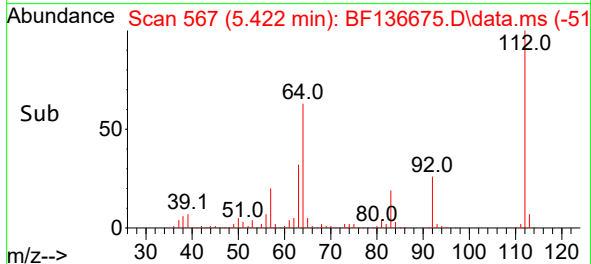
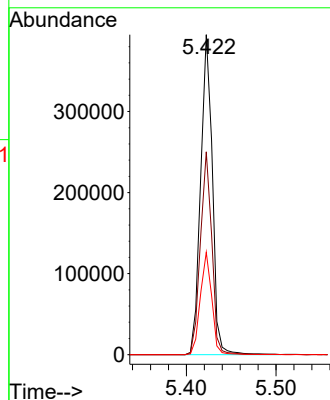
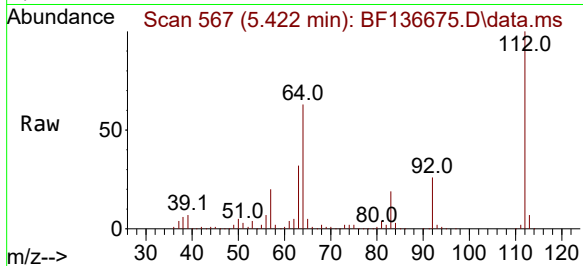




#5
2-Fluorophenol
Concen: 80.277 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

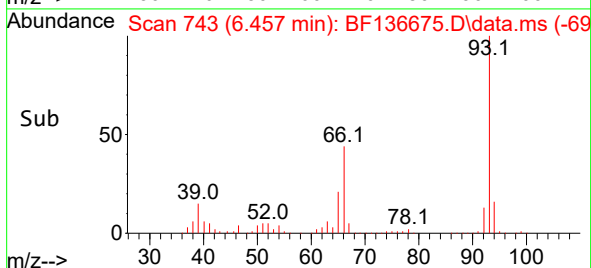
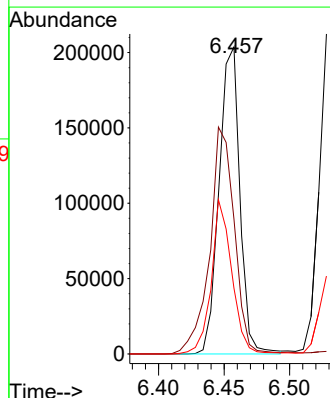
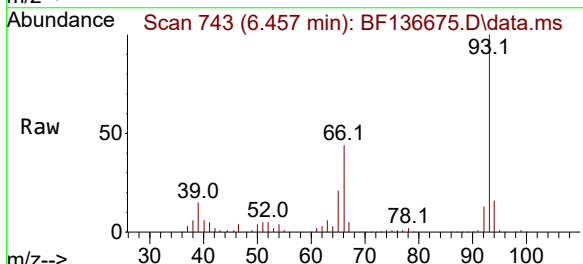
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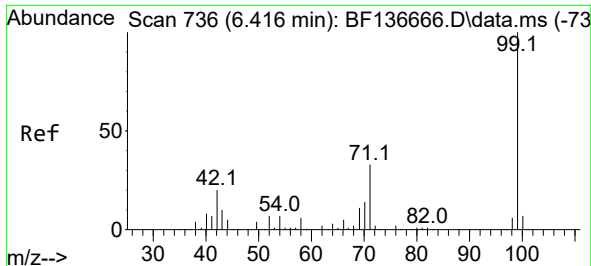
Tgt Ion:112 Resp: 358015
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 32.0 26.1 39.1



#6
Aniline
Concen: 38.877 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.005 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion: 93 Resp: 224618
Ion Ratio Lower Upper
93 100
66 43.9 34.6 51.8
65 21.4 17.8 26.8

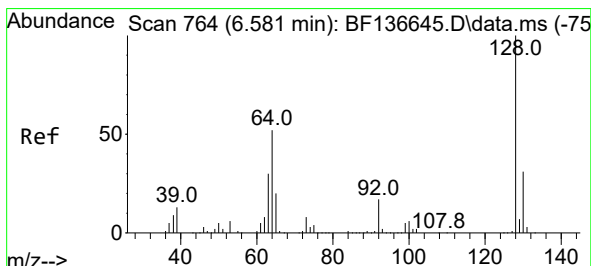
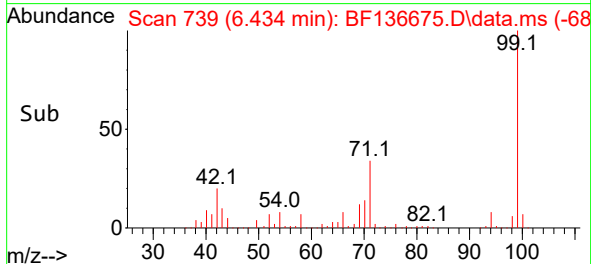
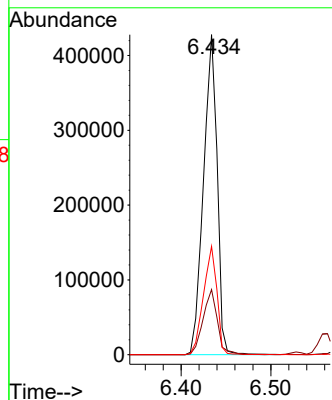
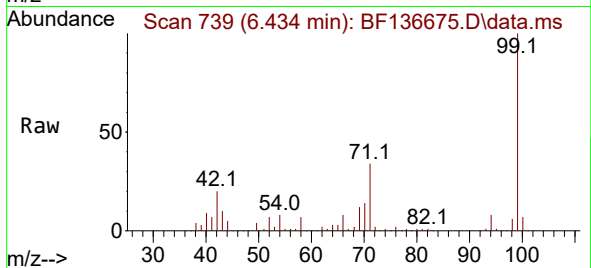




#7
Phenol-d6
Concen: 78.180 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

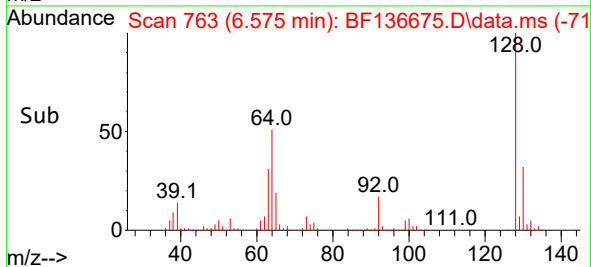
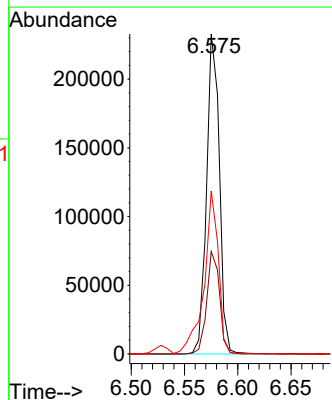
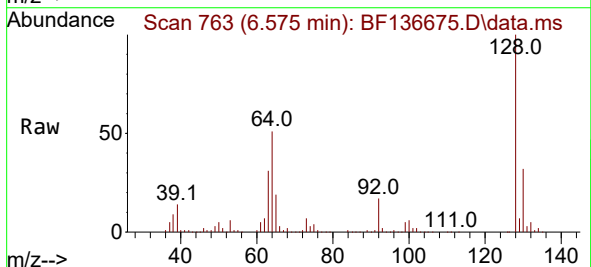
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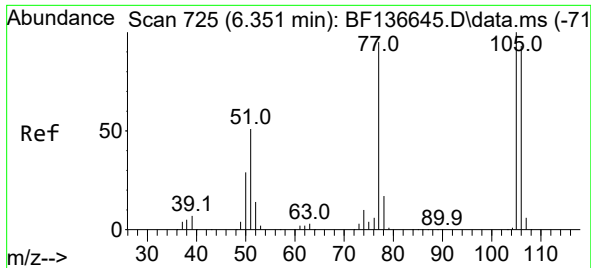
Tgt Ion: 99 Resp: 451786
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 33.9 27.4 41.2



#8
2-Chlorophenol
Concen: 40.000 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion: 128 Resp: 195217
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 50.9 32.5 72.5





#9

Benzaldehyde

Concen: 38.532 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

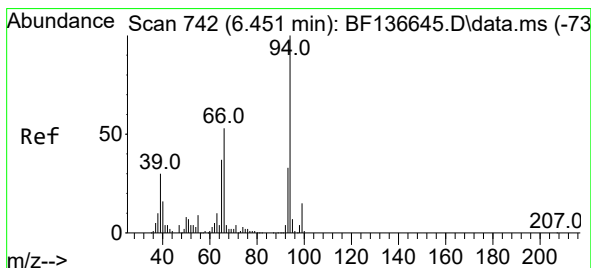
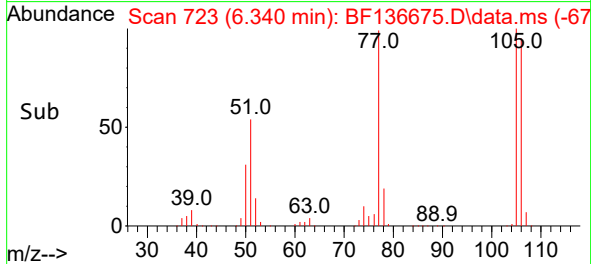
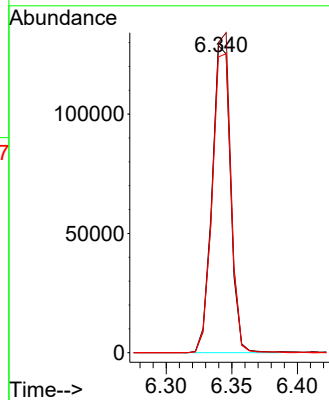
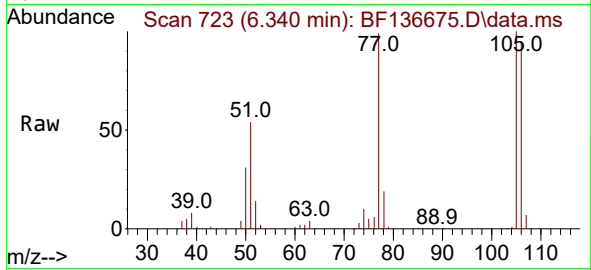
Tgt Ion: 77 Resp: 126653

Ion Ratio Lower Upper

77 100

105 101.1 84.8 124.8

106 96.3 77.8 117.8



#10

Phenol

Concen: 38.665 ng

RT: 6.446 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

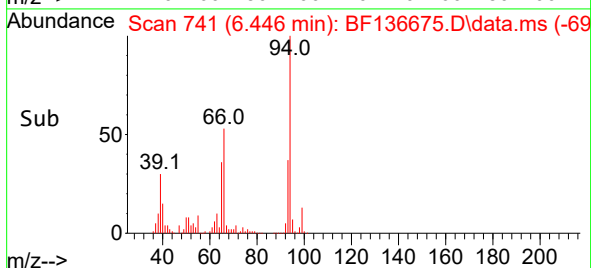
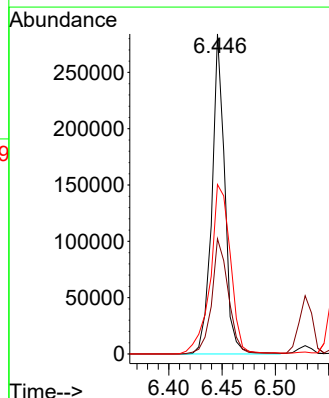
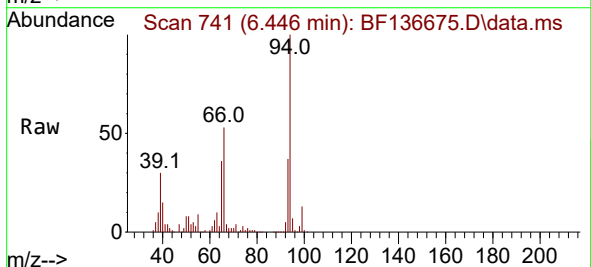
Tgt Ion: 94 Resp: 238522

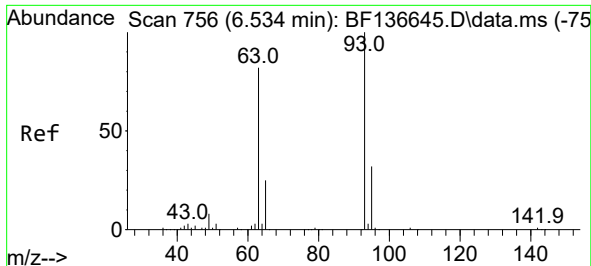
Ion Ratio Lower Upper

94 100

65 36.0 16.6 56.6

66 53.0 32.6 72.6

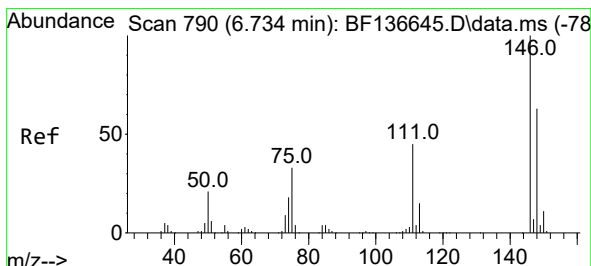
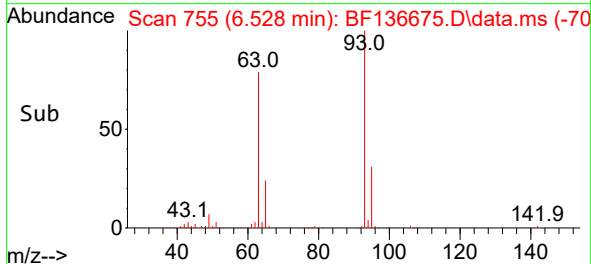
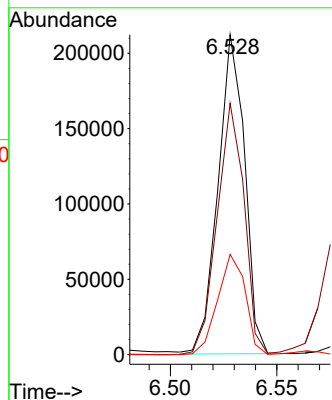
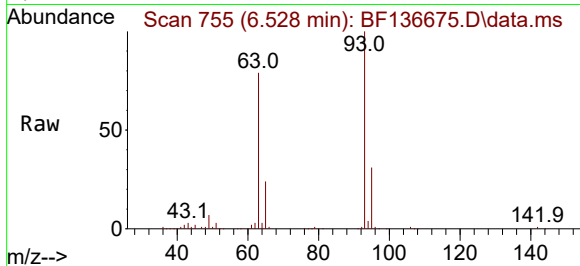




#11
bis(2-Chloroethyl)ether
Concen: 39.248 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.005 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

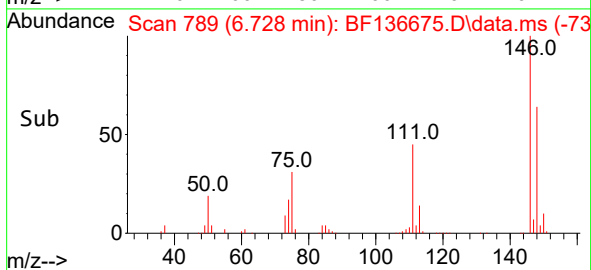
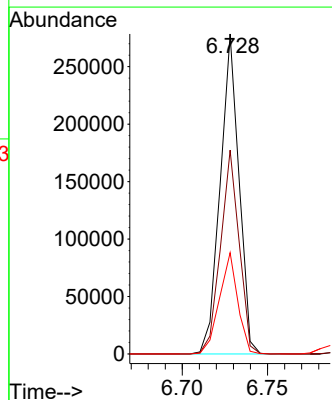
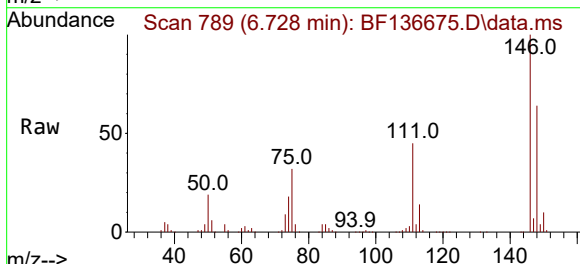
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

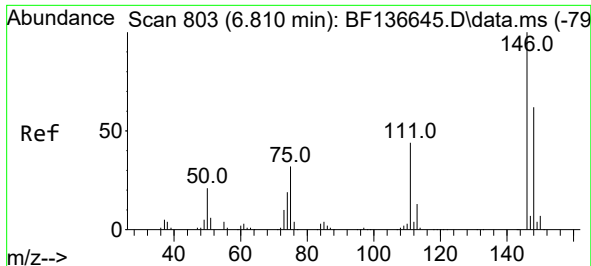
Tgt Ion: 93 Resp: 184127
Ion Ratio Lower Upper
93 100
63 78.6 61.2 101.2
95 31.4 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 40.115 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:146 Resp: 213573
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 31.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.672 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

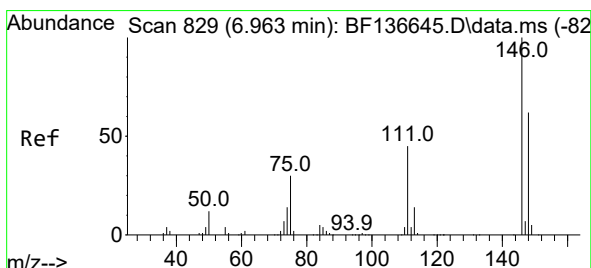
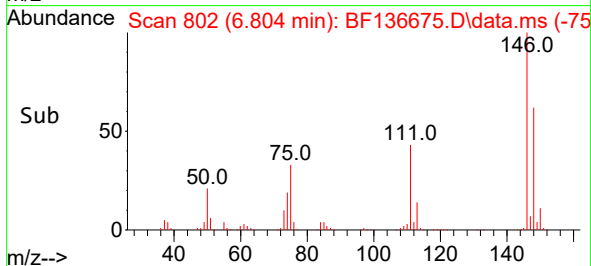
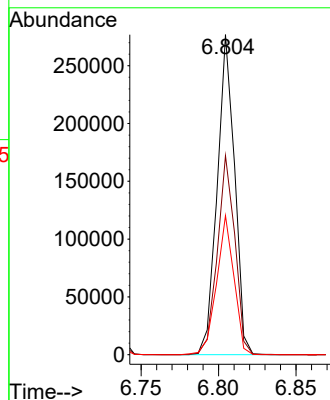
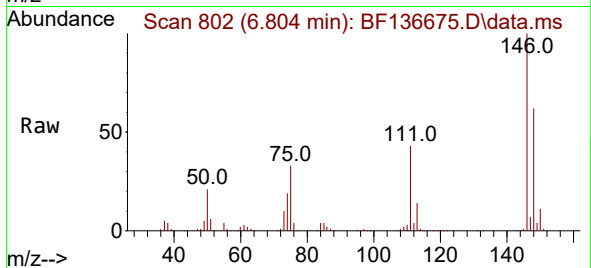
Tgt Ion:146 Resp: 215817

Ion Ratio Lower Upper

146 100

148 62.2 49.2 73.8

111 43.5 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.945 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

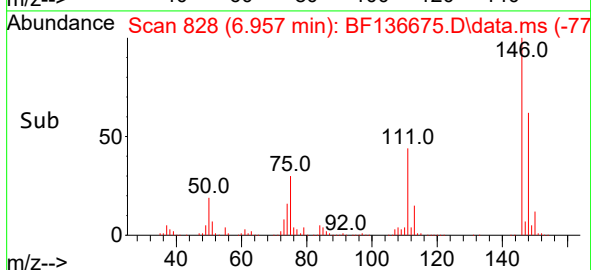
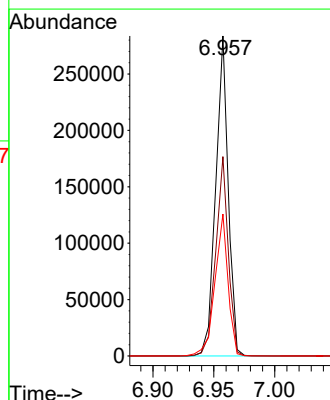
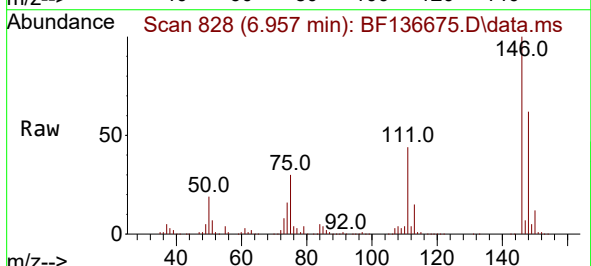
Tgt Ion:146 Resp: 202202

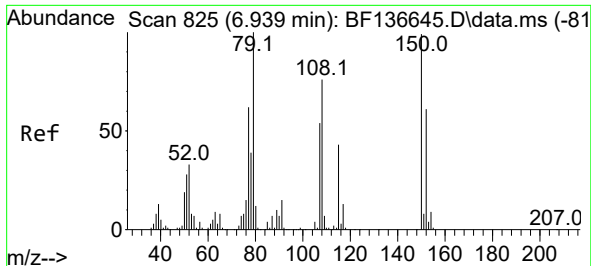
Ion Ratio Lower Upper

146 100

148 62.3 49.6 74.4

111 44.4 36.2 54.2

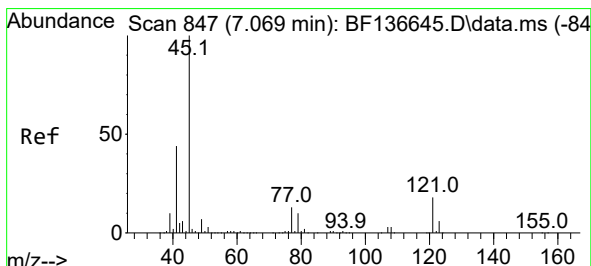
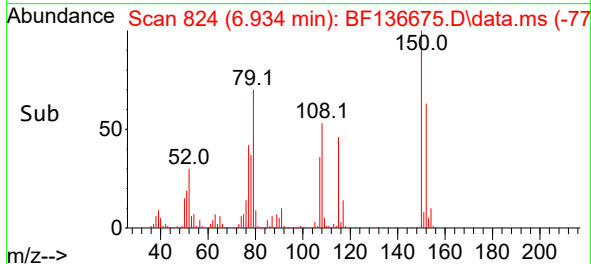
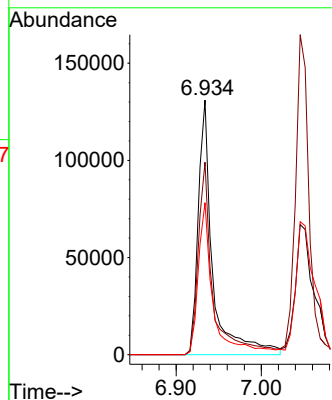
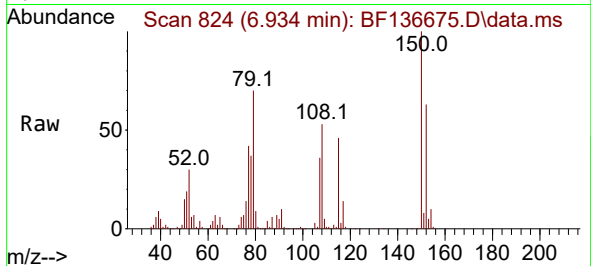




#15
Benzyl Alcohol
Concen: 39.889 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

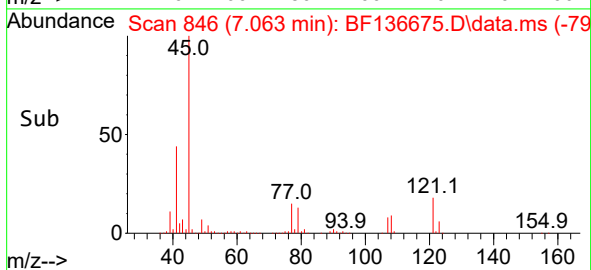
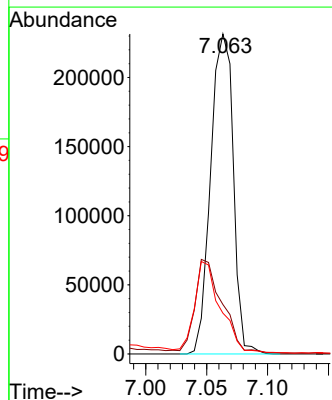
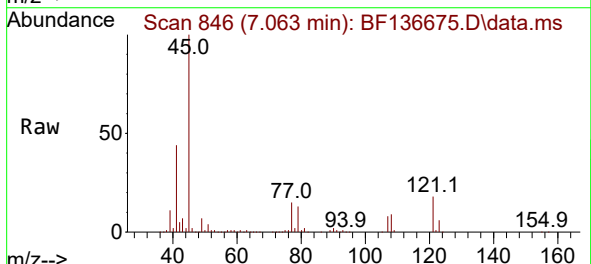
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

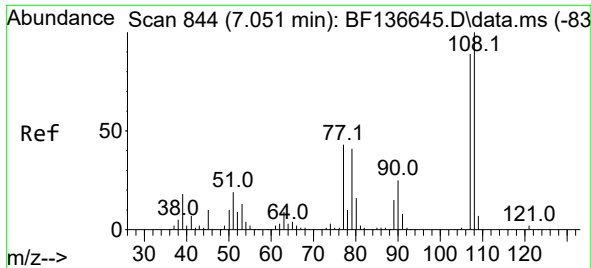
Tgt Ion: 79 Resp: 155511
Ion Ratio Lower Upper
79 100
108 75.6 61.0 91.6
77 59.7 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.023 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion: 45 Resp: 299308
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.3
79 12.7 0.0 31.4

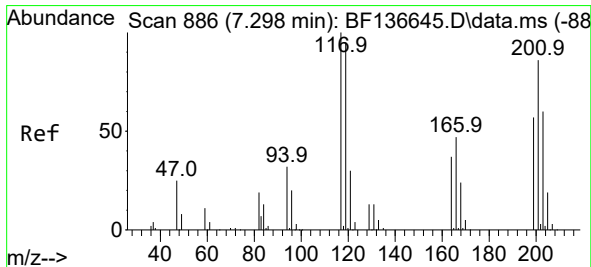
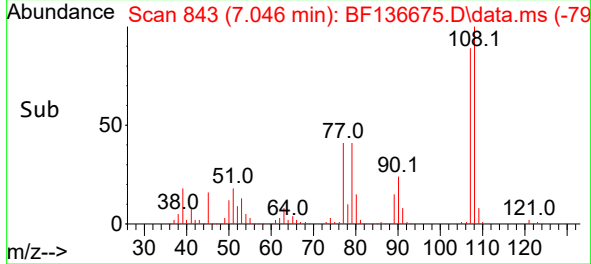
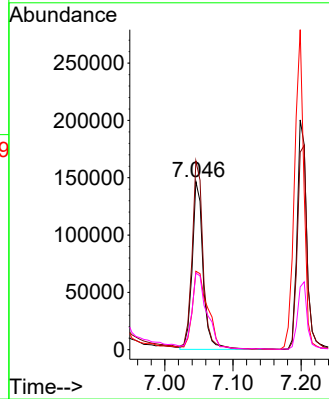
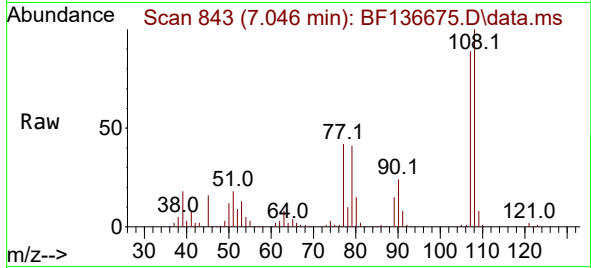




#17
2-Methylphenol
Concen: 39.999 ng
RT: 7.046 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

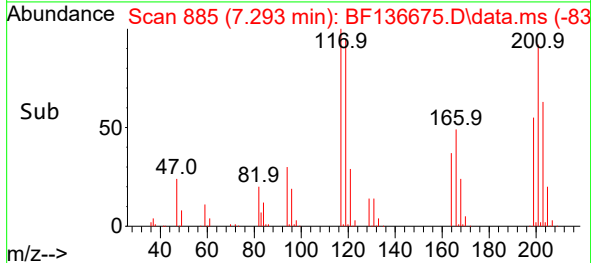
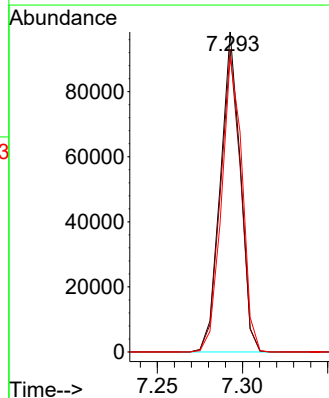
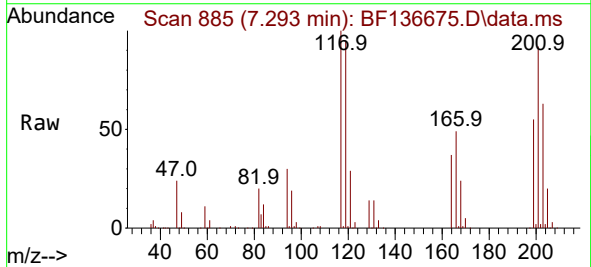
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

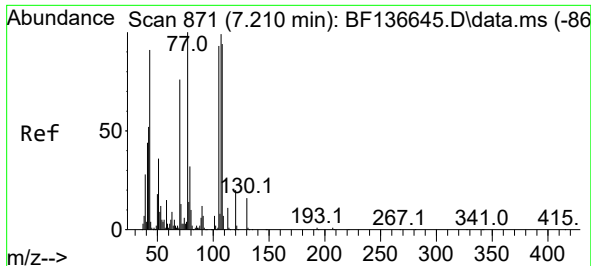
Tgt Ion:107 Resp: 161723
Ion Ratio Lower Upper
107 100
108 112.3 90.3 135.5
77 46.7 38.7 58.1
79 45.6 37.8 56.6



#18
Hexachloroethane
Concen: 40.406 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:117 Resp: 79829
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
201 92.0 69.1 103.7

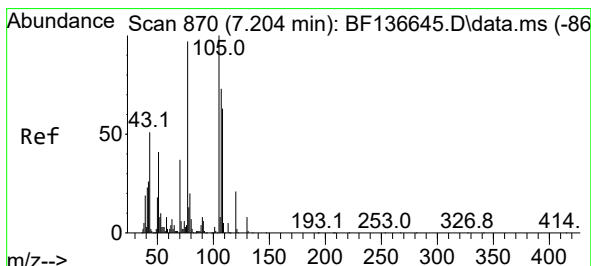
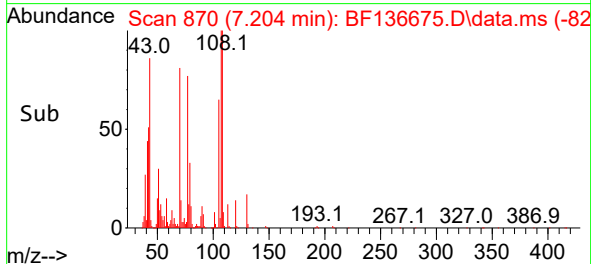
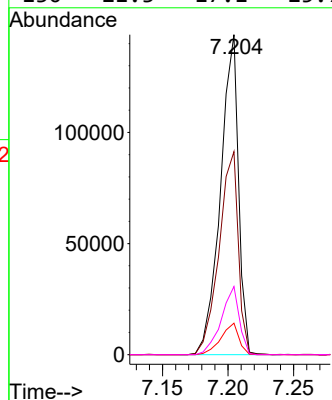
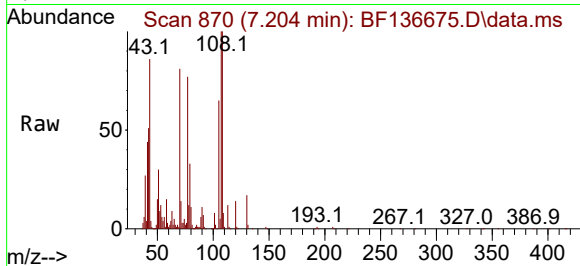




#19
n-Nitroso-di-n-propylamine
Concen: 39.274 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

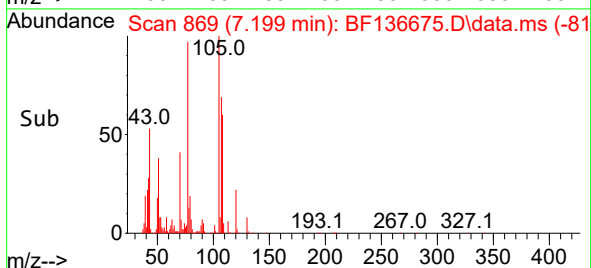
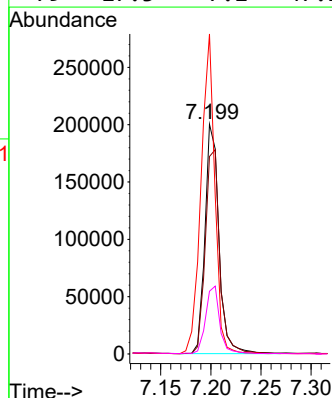
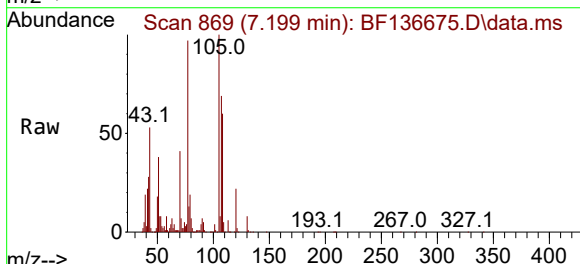
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

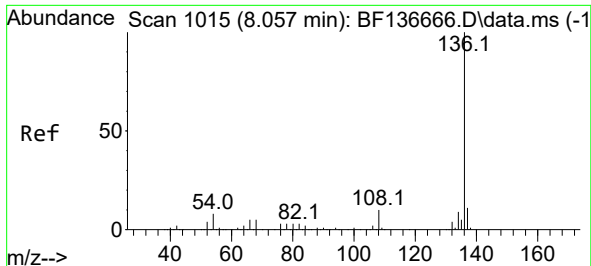
Tgt Ion: 70 Resp: 137579
Ion Ratio Lower Upper
70 100
42 63.4 54.2 81.4
101 9.9 7.6 11.4
130 21.3 17.1 25.7



#20
3+4-Methylphenols
Concen: 38.662 ng
RT: 7.199 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:107 Resp: 195288
Ion Ratio Lower Upper
107 100
108 85.9 66.0 106.0
77 139.3 114.2 154.2
79 27.3 7.2 47.2

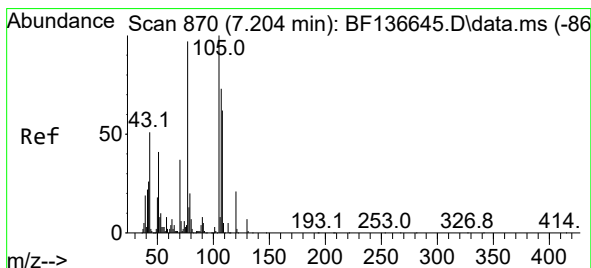
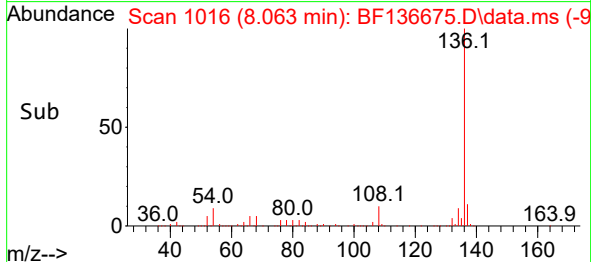
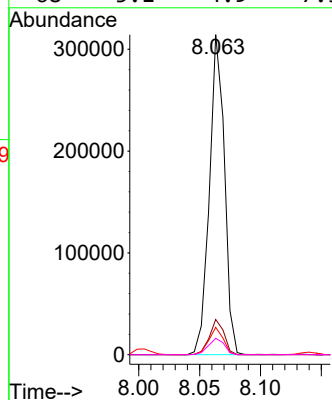
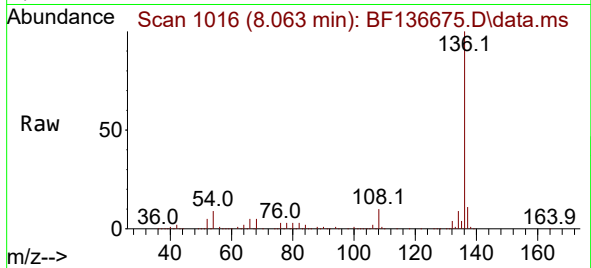




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

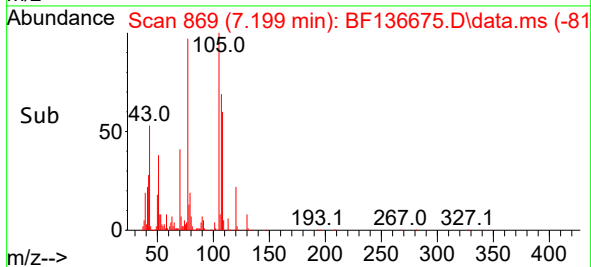
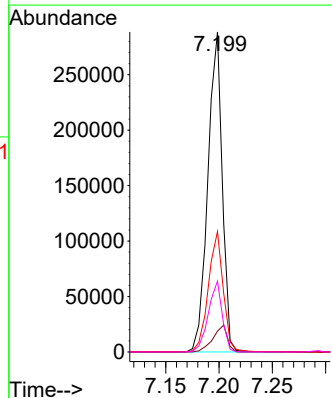
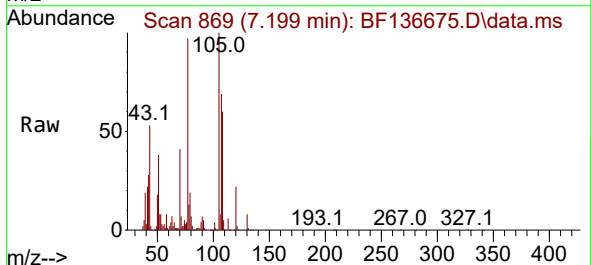
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

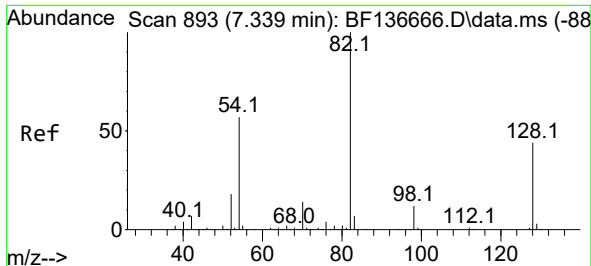
Tgt Ion:	136	Resp:	269996
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.6	7.2	10.8
68	5.1	4.9	7.3



#22
Acetophenone
Concen: 40.194 ng
RT: 7.199 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:	105	Resp:	272007
Ion	Ratio	Lower	Upper
105	100		
71	6.5	4.8	7.2
51	37.7	32.8	49.2
120	22.1	17.0	25.6





#23

Nitrobenzene-d5

Concen: 80.183 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

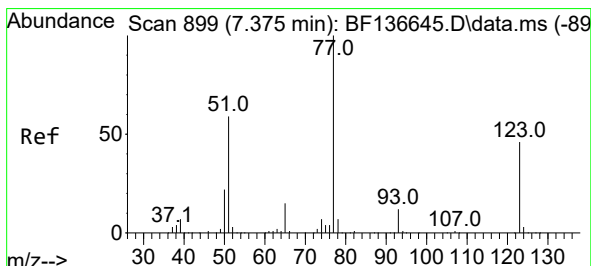
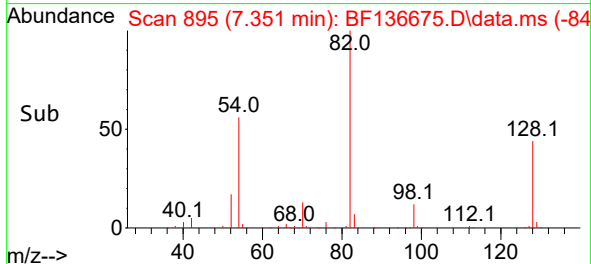
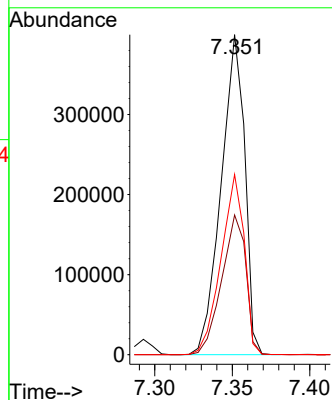
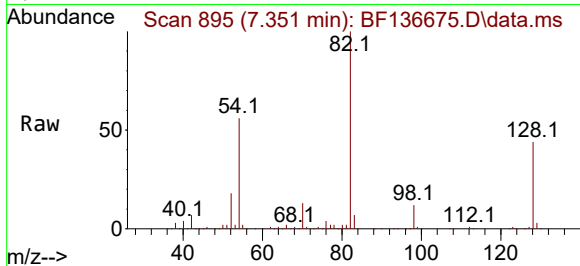
Tgt Ion: 82 Resp: 423074

Ion Ratio Lower Upper

82 100

128 43.6 35.3 52.9

54 56.3 44.5 66.7



#24

Nitrobenzene

Concen: 41.185 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

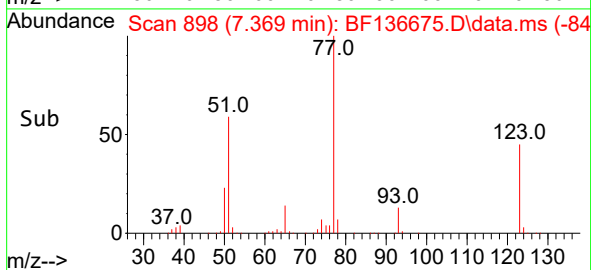
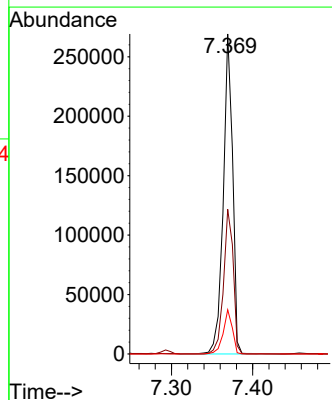
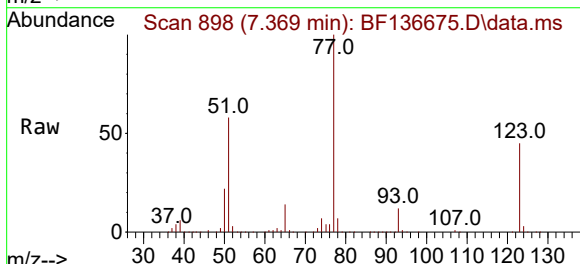
Tgt Ion: 77 Resp: 217683

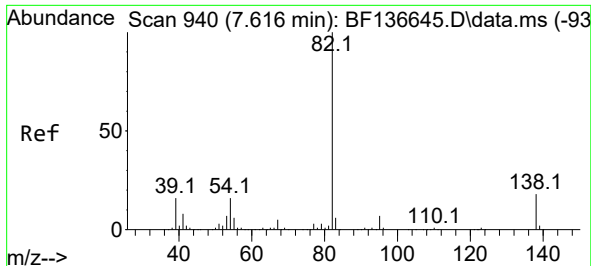
Ion Ratio Lower Upper

77 100

123 45.2 36.7 55.1

65 13.8 11.8 17.6

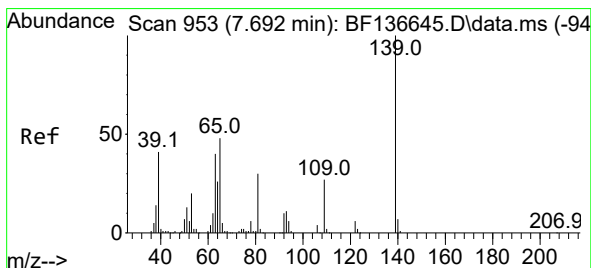
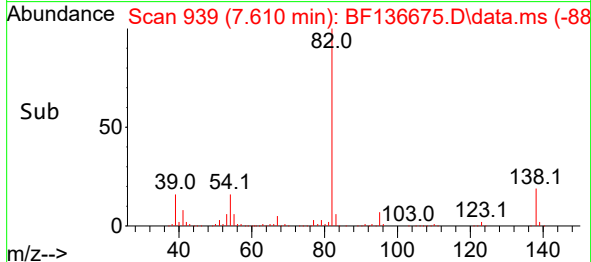
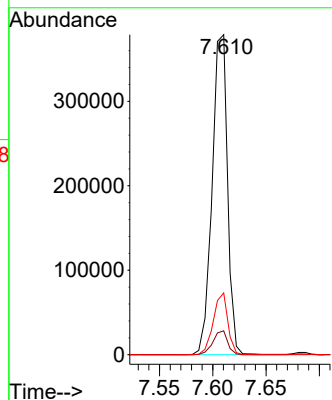
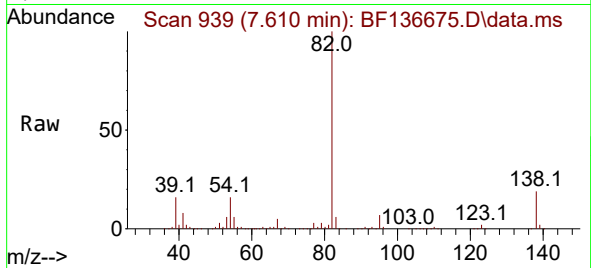




#25
Isophorone
Concen: 39.700 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

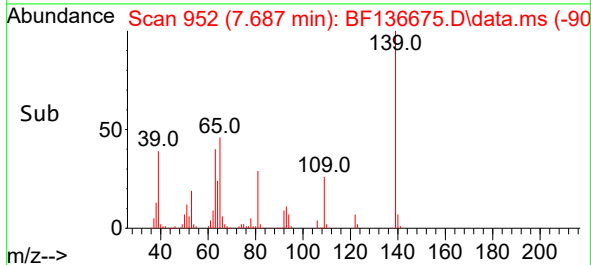
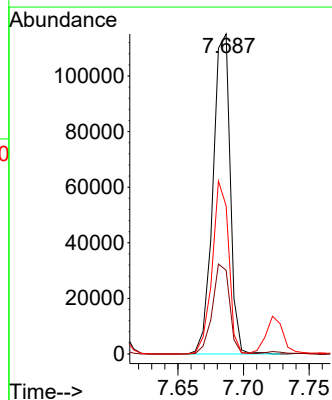
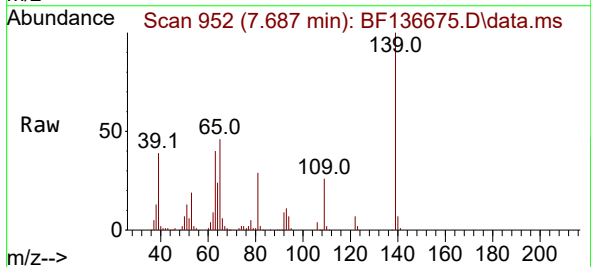
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

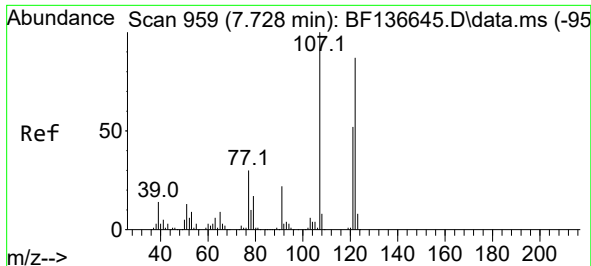
Tgt Ion: 82 Resp: 381155
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 19.3 14.5 21.7



#26
2-Nitrophenol
Concen: 41.565 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion: 139 Resp: 105111
Ion Ratio Lower Upper
139 100
109 26.2 21.9 32.9
65 46.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 40.834 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

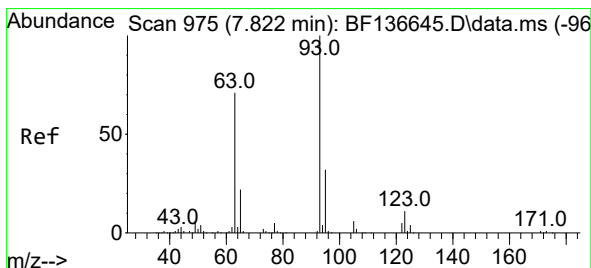
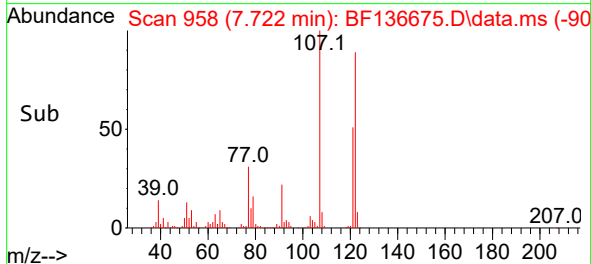
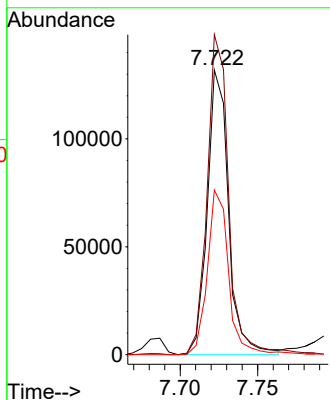
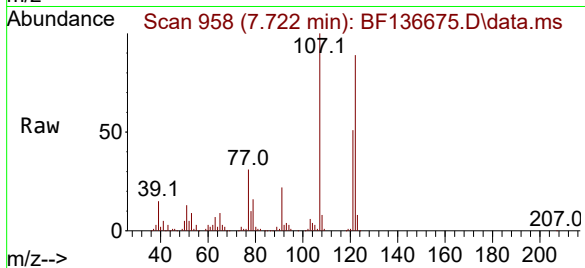
Tgt Ion:122 Resp: 125714

Ion Ratio Lower Upper

122 100

107 112.4 92.0 138.0

121 57.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.815 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

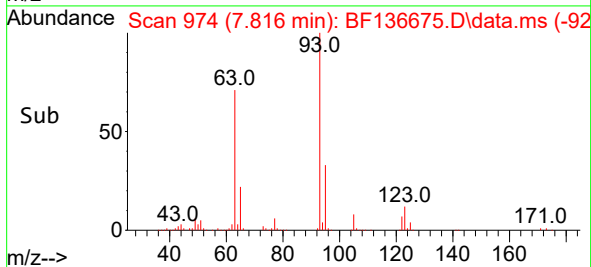
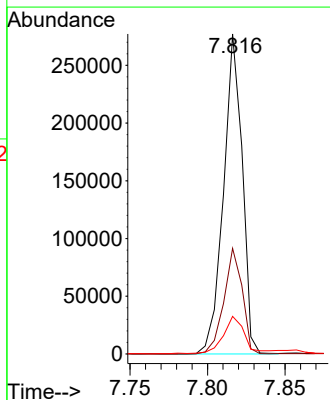
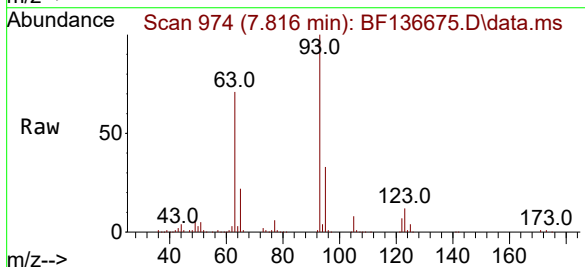
Tgt Ion: 93 Resp: 232354

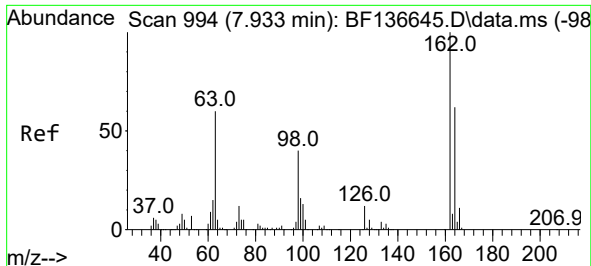
Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.040 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

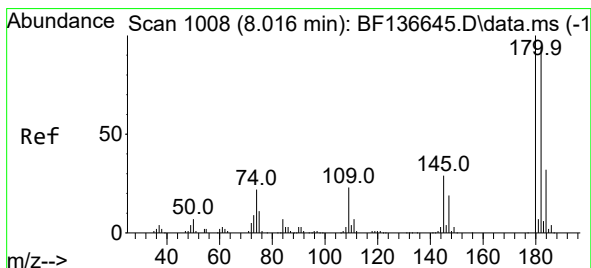
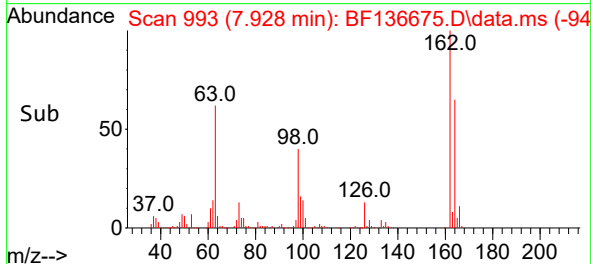
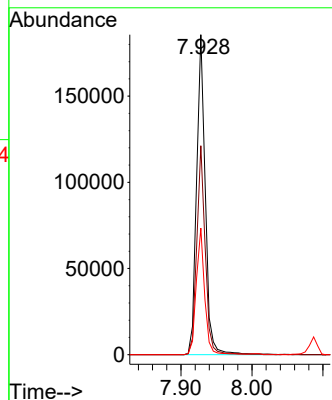
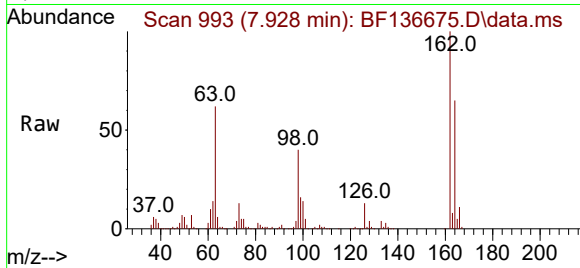
Tgt Ion:162 Resp: 158699

Ion Ratio Lower Upper

162 100

164 65.3 41.7 81.7

98 39.6 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 40.582 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.011 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

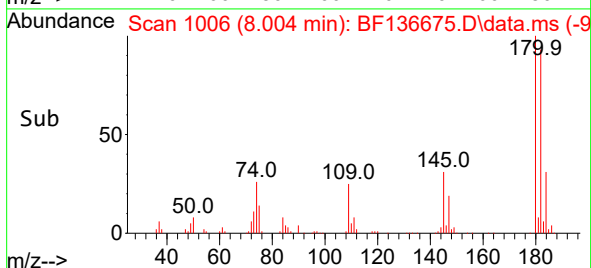
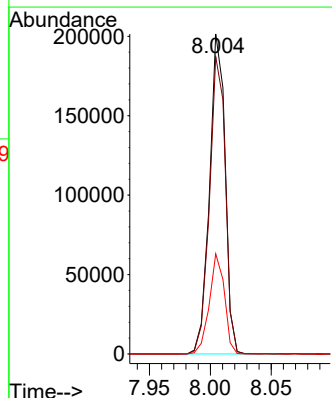
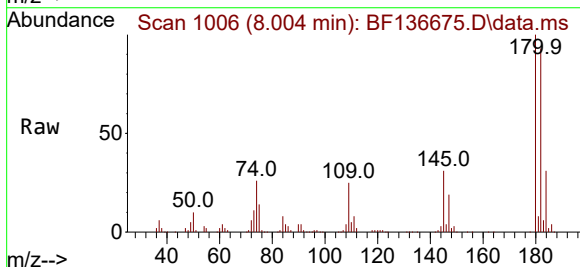
Tgt Ion:180 Resp: 179218

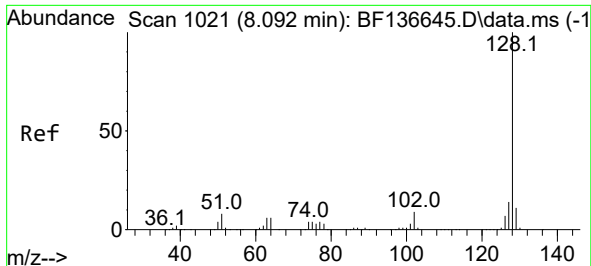
Ion Ratio Lower Upper

180 100

182 92.9 75.4 113.0

145 31.3 23.1 34.7

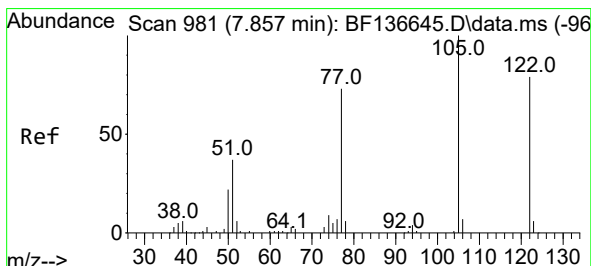
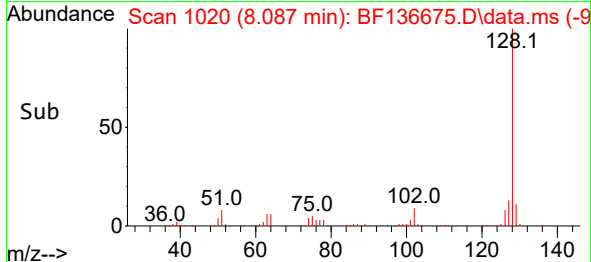
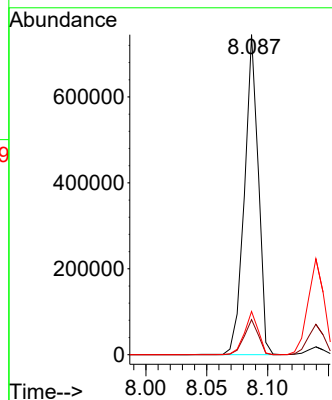
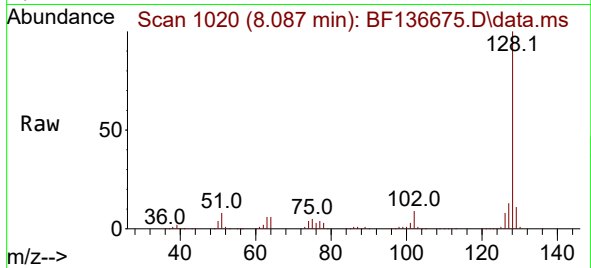




#31
Naphthalene
Concen: 39.841 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

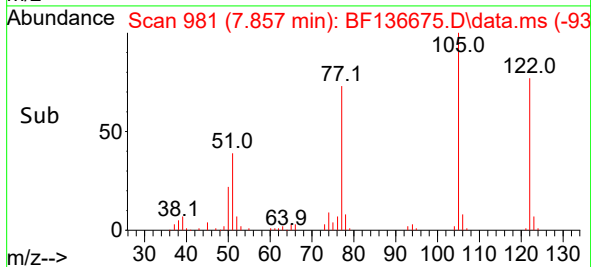
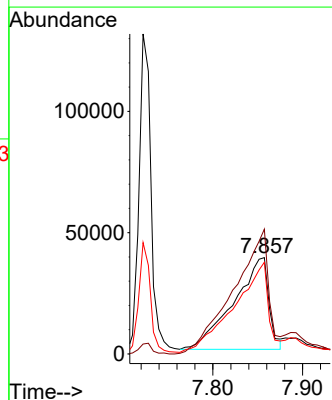
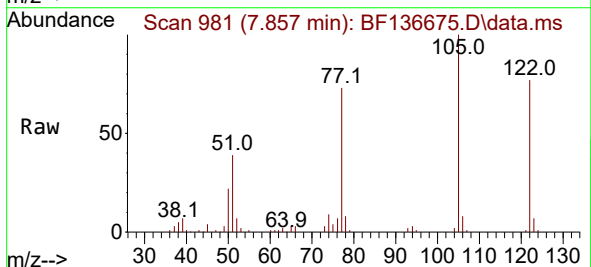
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

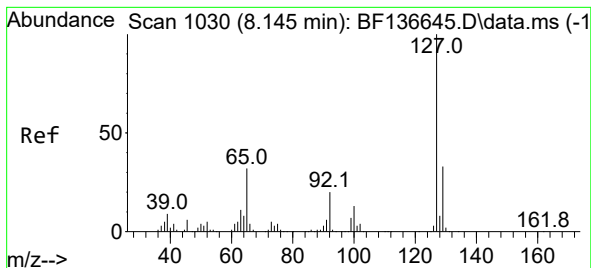
Tgt Ion:128 Resp: 590960
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 34.449 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:122 Resp: 102618
Ion Ratio Lower Upper
122 100
105 129.7 100.8 140.8
77 95.2 70.9 110.9





#33

4-Chloroaniline

Concen: 38.617 ng

RT: 8.140 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 211486

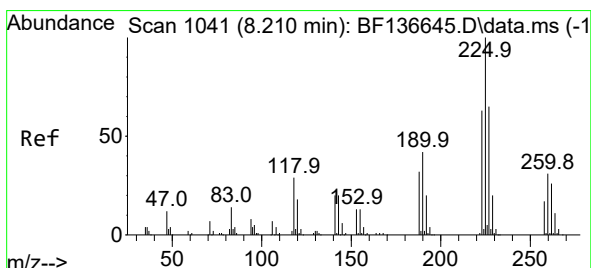
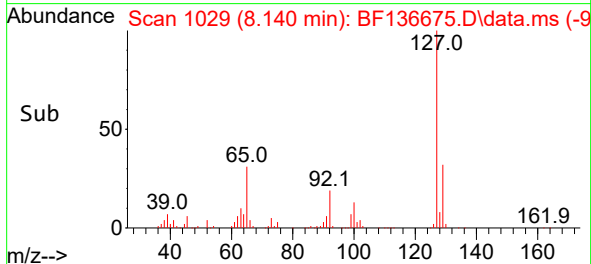
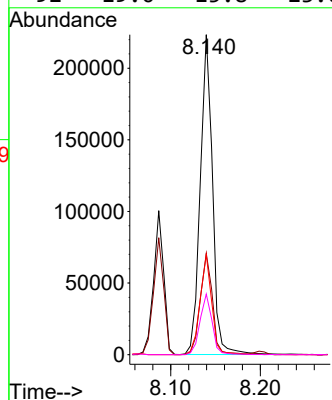
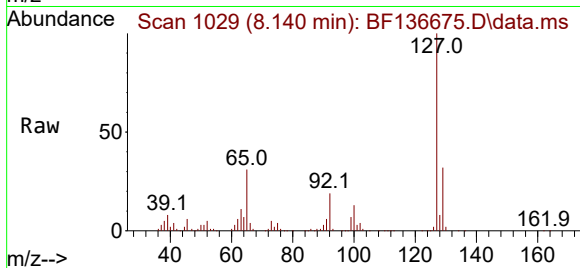
Ion Ratio Lower Upper

127 100

129 31.6 26.3 39.5

65 31.3 25.8 38.8

92 19.0 15.8 23.6



#34

Hexachlorobutadiene

Concen: 40.948 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.011 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

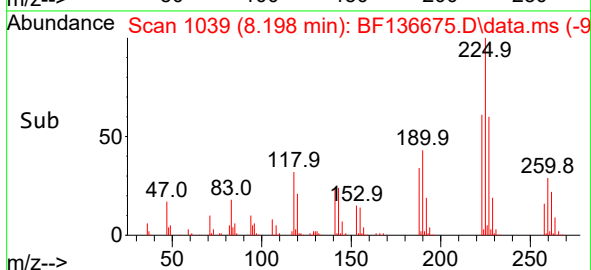
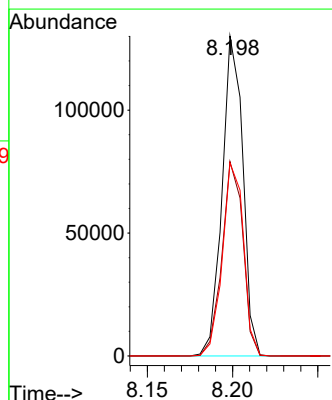
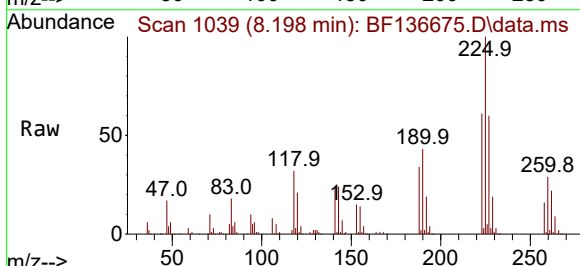
Tgt Ion:225 Resp: 109866

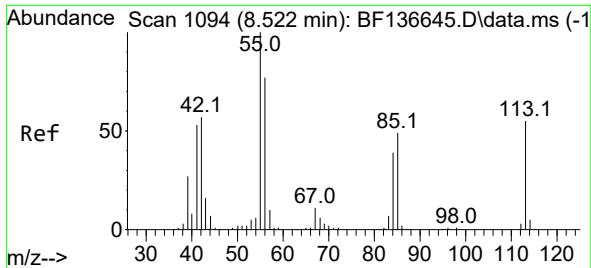
Ion Ratio Lower Upper

225 100

223 60.8 50.6 76.0

227 60.3 51.9 77.9

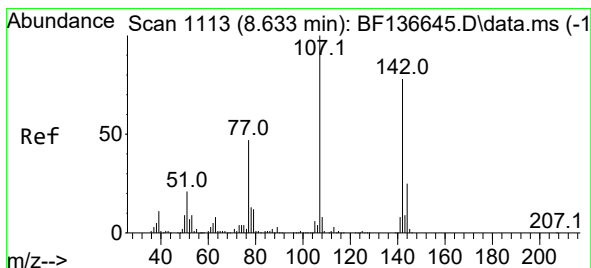
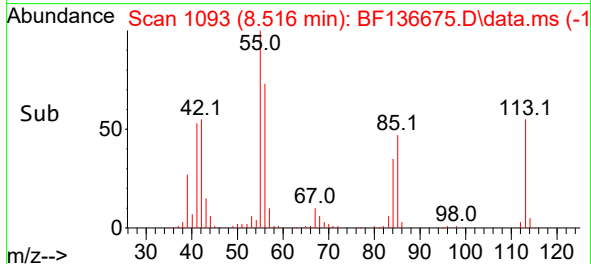
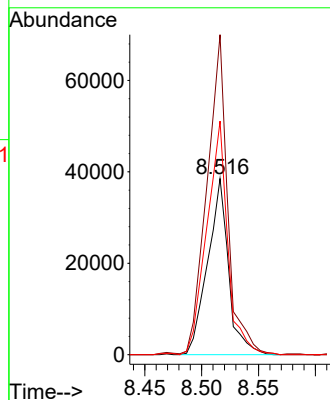
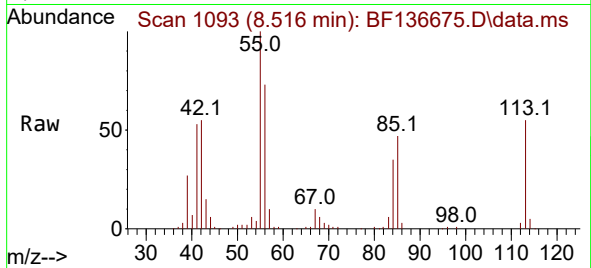




#35
Caprolactam
Concen: 37.632 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

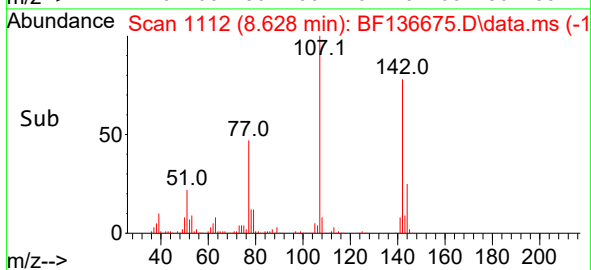
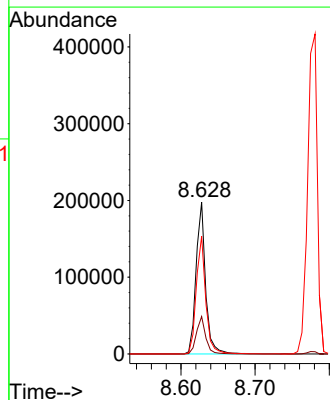
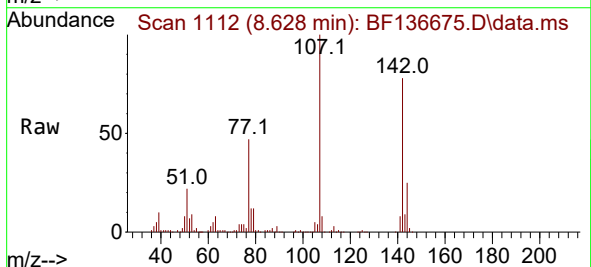
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

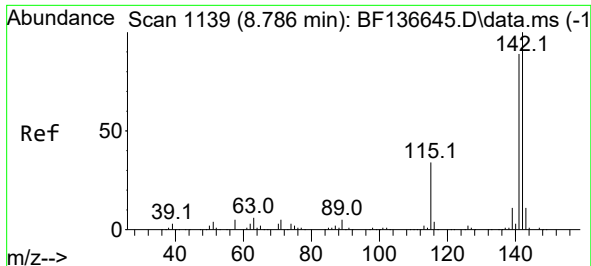
Tgt Ion:113 Resp: 49206
Ion Ratio Lower Upper
113 100
55 181.7 163.1 203.1
56 132.7 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 39.426 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:107 Resp: 175923
Ion Ratio Lower Upper
107 100
144 24.7 20.2 30.2
142 77.5 62.3 93.5

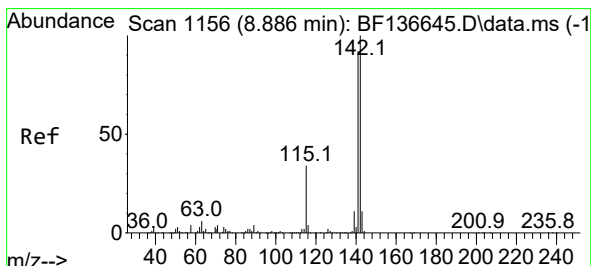
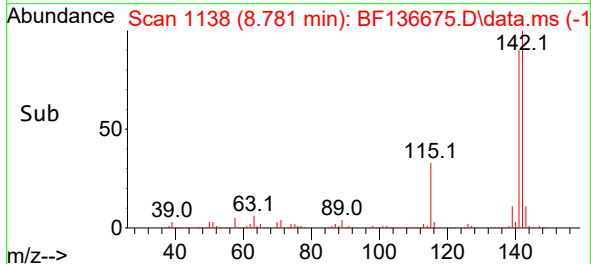
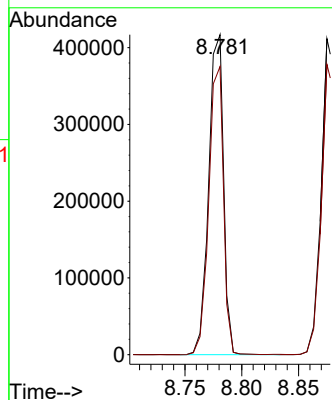
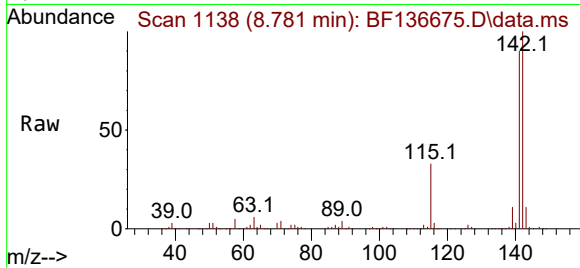




#37
2-Methylnaphthalene
Concen: 39.602 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

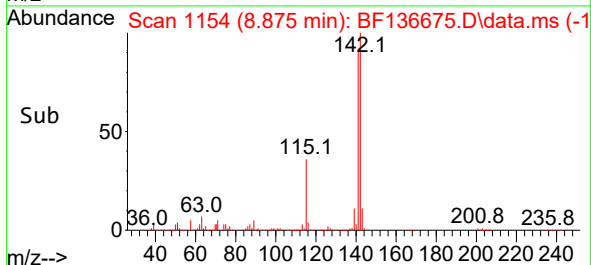
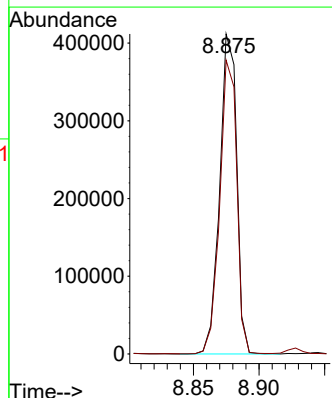
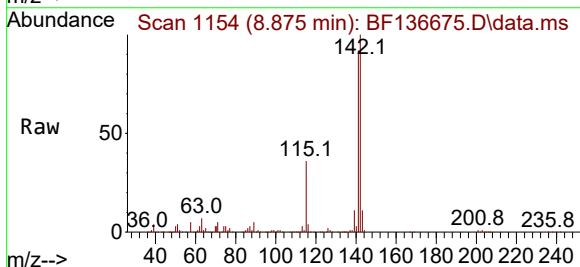
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

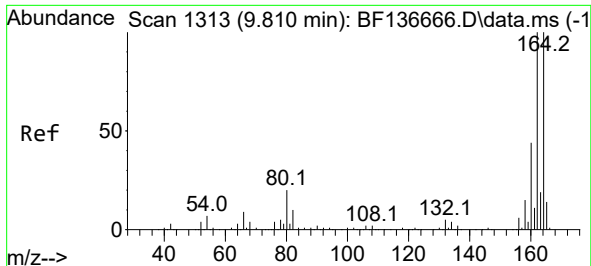
Tgt Ion:142 Resp: 378043
Ion Ratio Lower Upper
142 100
141 90.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 39.568 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:142 Resp: 370575
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

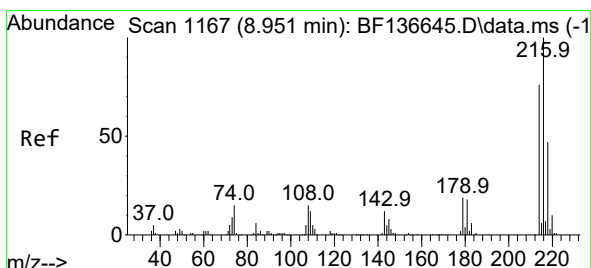
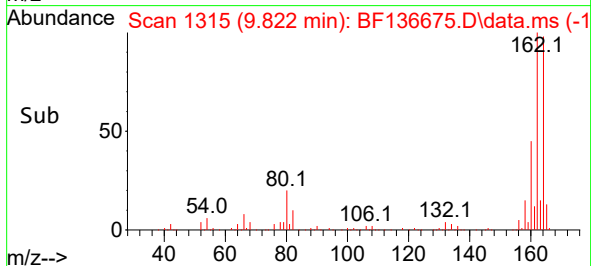
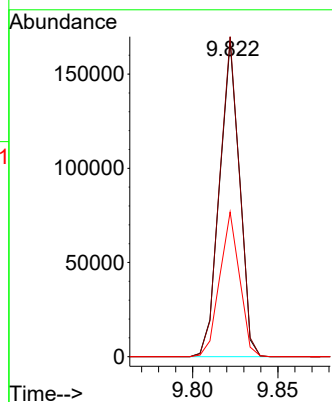
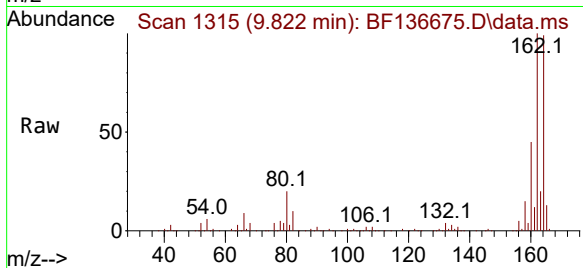
Tgt Ion:164 Resp: 136598

Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

160 45.8 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.599 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Tgt Ion:216 Resp: 175979

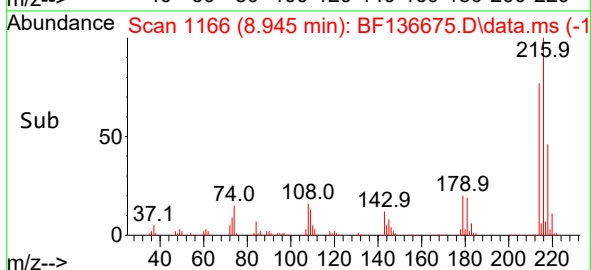
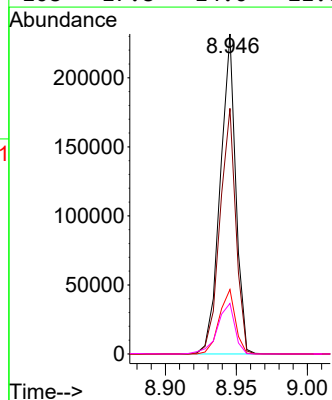
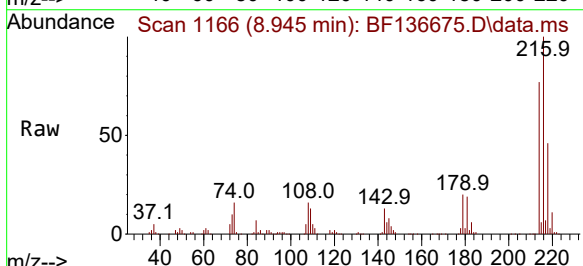
Ion Ratio Lower Upper

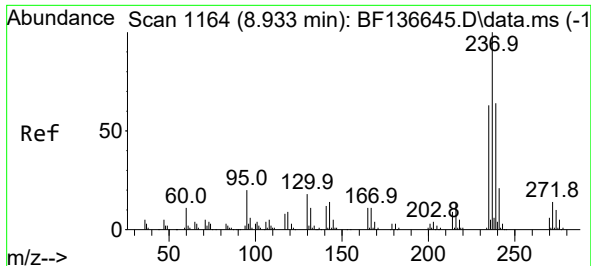
216 100

214 78.7 62.3 93.5

179 20.8 16.4 24.6

108 17.8 14.0 21.0

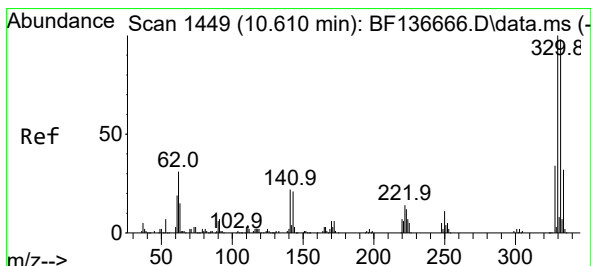
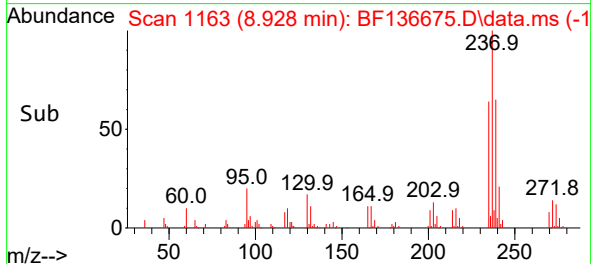
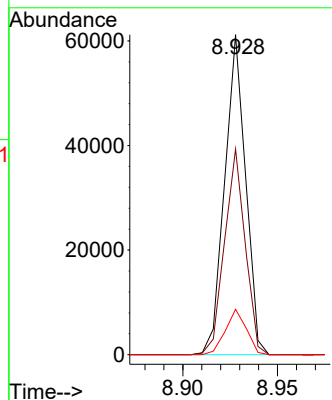
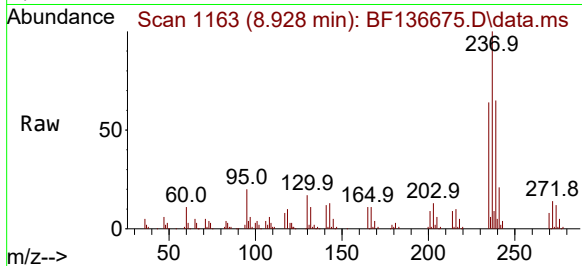




#41
Hexachlorocyclopentadiene
Concen: 37.606 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

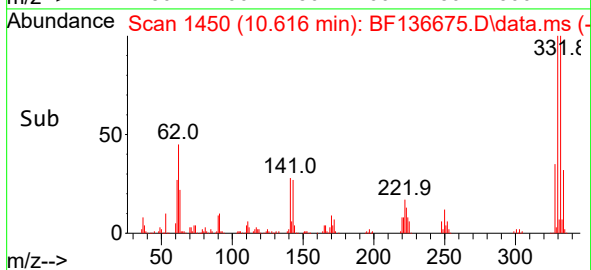
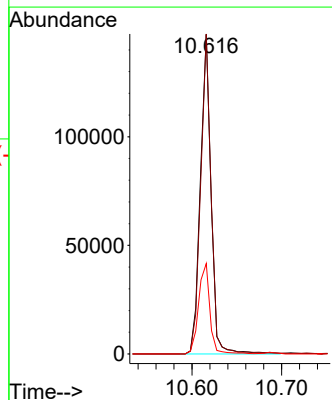
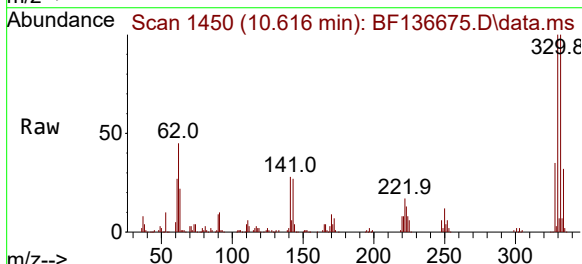
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

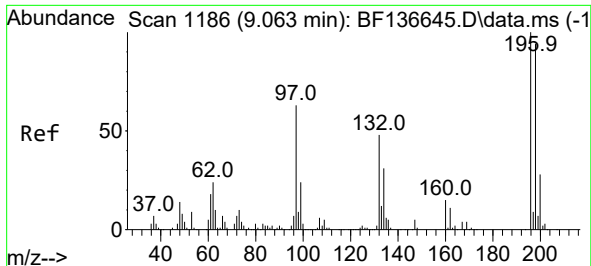
Tgt Ion:237 Resp: 46995
Ion Ratio Lower Upper
237 100
235 64.2 43.2 83.2
272 14.2 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 75.656 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:330 Resp: 121711
Ion Ratio Lower Upper
330 100
332 98.5 77.4 116.0
141 30.0 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 41.577 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

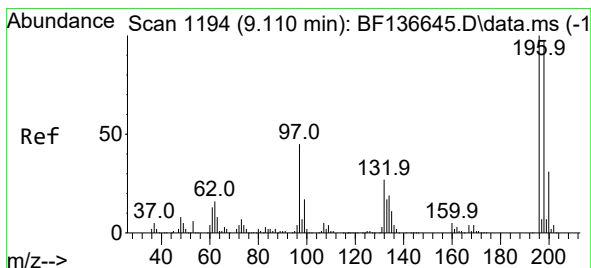
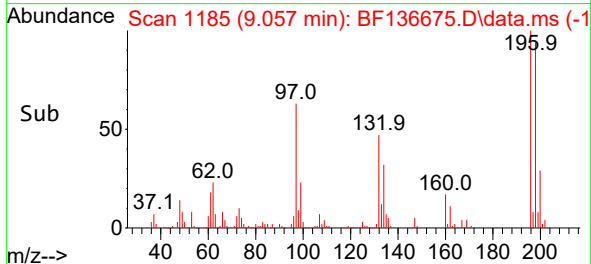
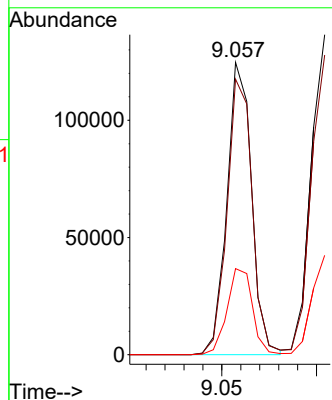
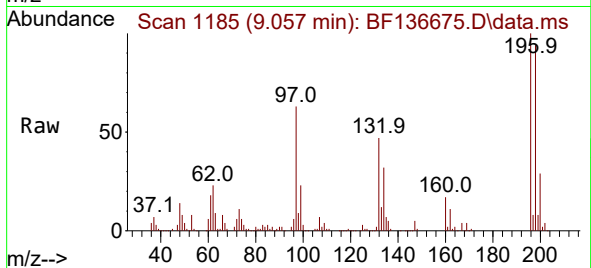
Tgt Ion:196 Resp: 112800

Ion Ratio Lower Upper

196 100

198 94.2 75.1 112.7

200 29.4 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 41.844 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Tgt Ion:196 Resp: 126505

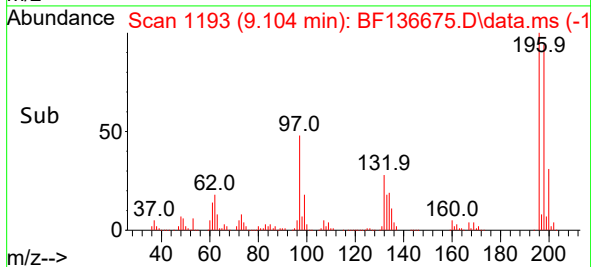
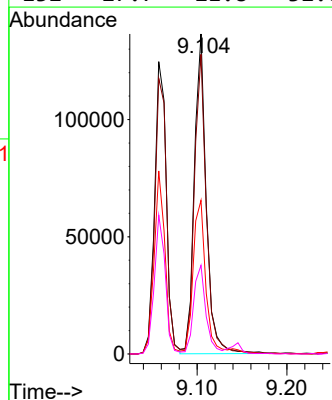
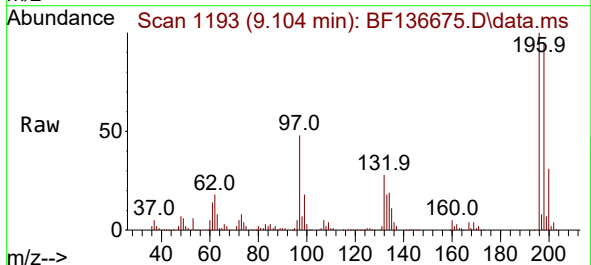
Ion Ratio Lower Upper

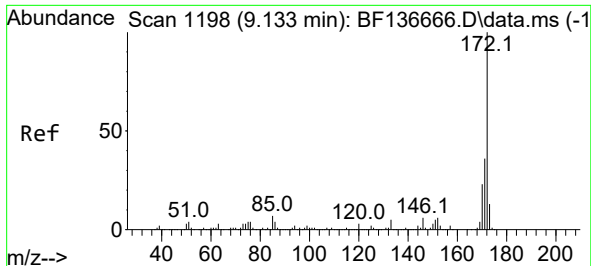
196 100

198 93.6 77.0 115.6

97 48.0 36.1 54.1

132 27.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 81.190 ng

RT: 9.145 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

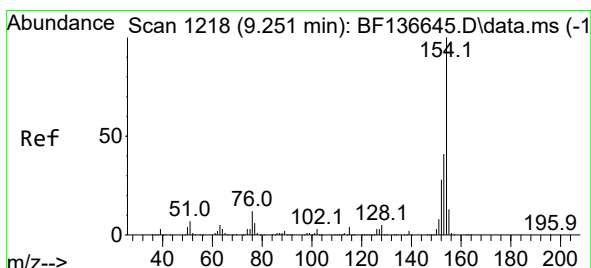
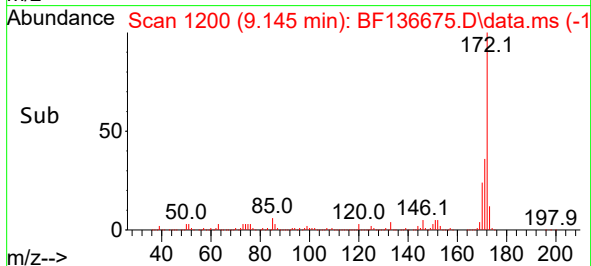
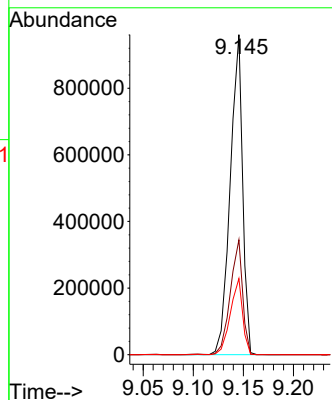
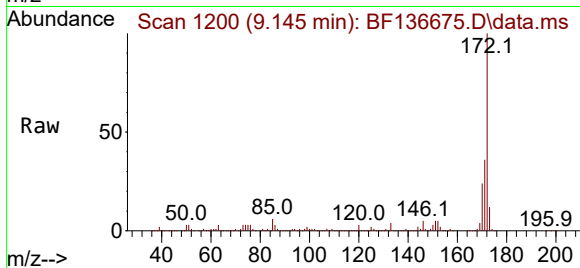
Tgt Ion:172 Resp: 824570

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.007 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

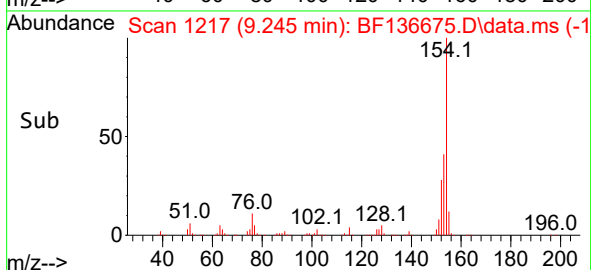
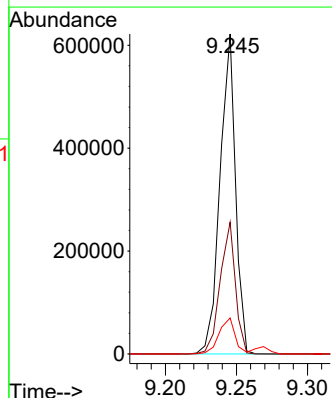
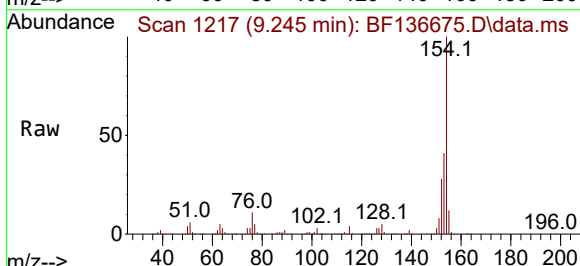
Tgt Ion:154 Resp: 470054

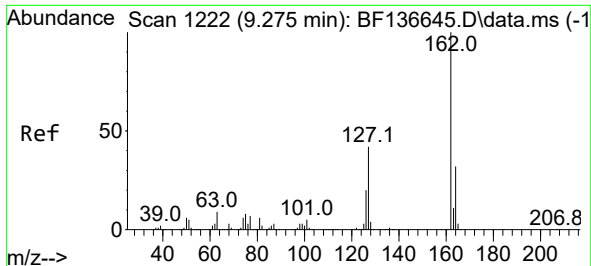
Ion Ratio Lower Upper

154 100

153 41.2 21.1 61.1

76 11.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.896 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.005 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

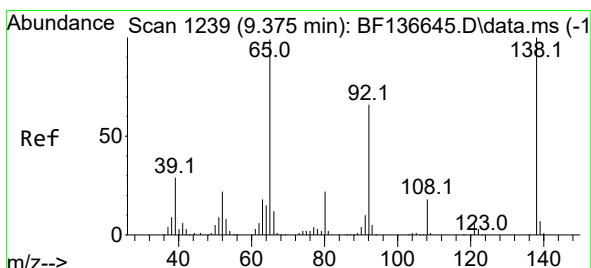
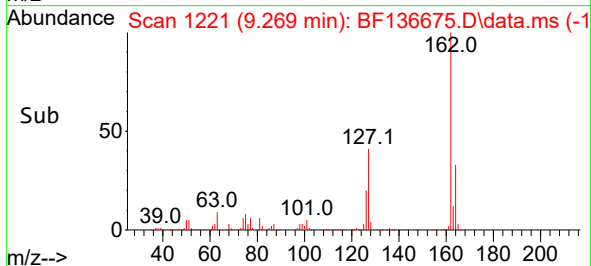
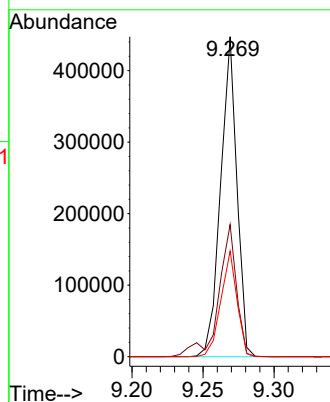
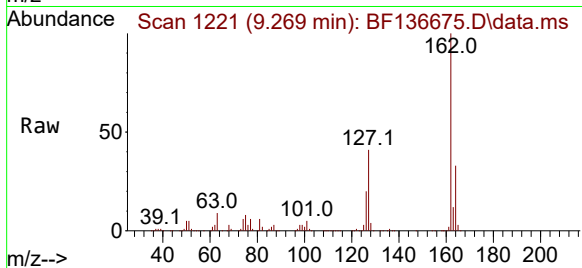
Tgt Ion:162 Resp: 356371

Ion Ratio Lower Upper

162 100

127 41.3 33.6 50.4

164 33.0 25.7 38.5



#48

2-Nitroaniline

Concen: 39.787 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

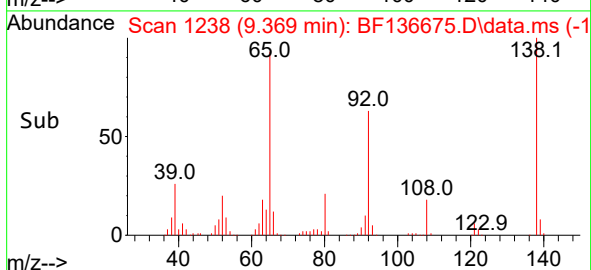
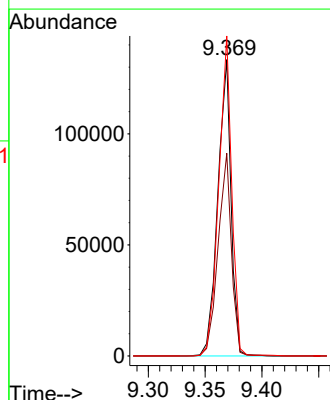
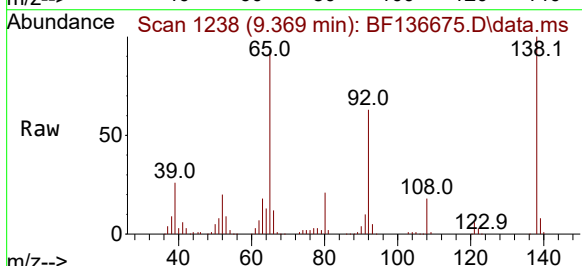
Tgt Ion: 65 Resp: 108572

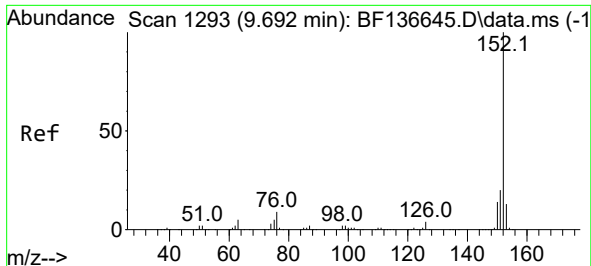
Ion Ratio Lower Upper

65 100

92 68.4 53.2 79.8

138 108.0 81.1 121.7

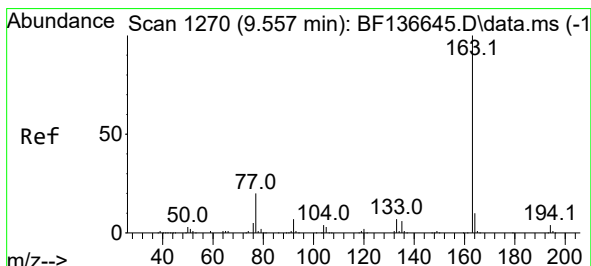
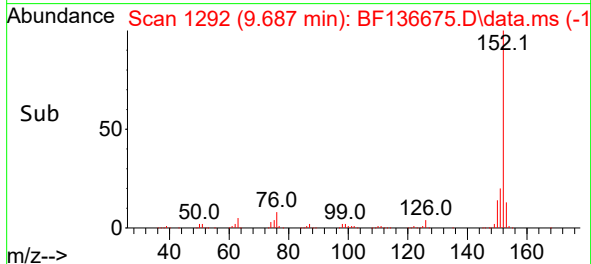
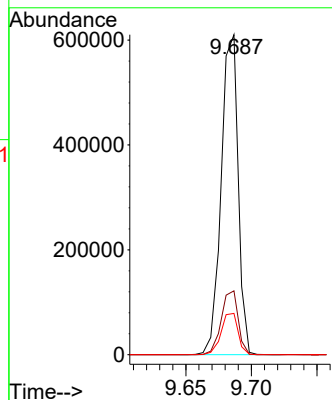
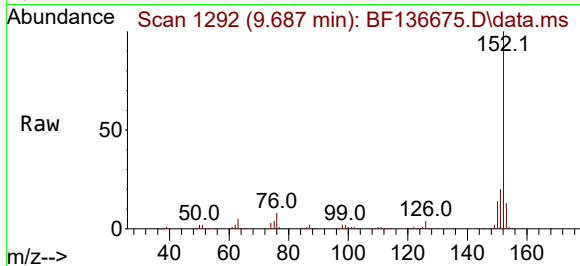




#49
Acenaphthylene
Concen: 41.140 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

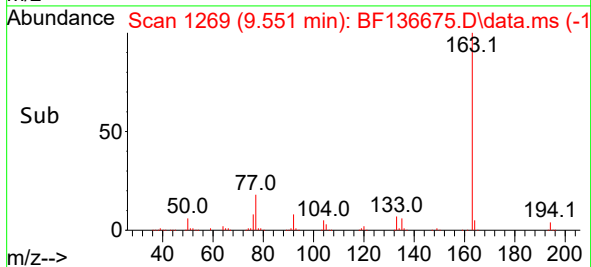
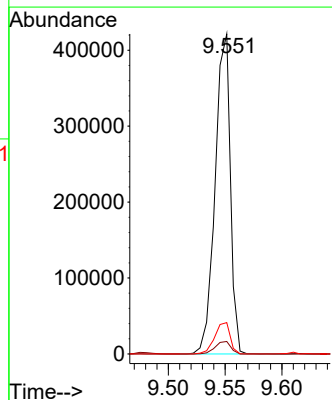
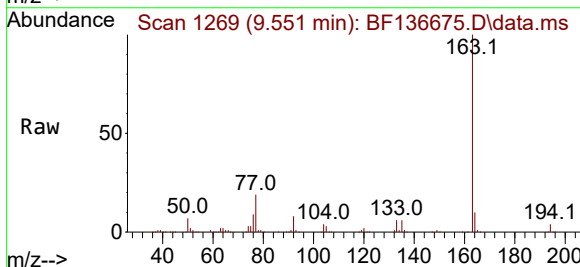
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

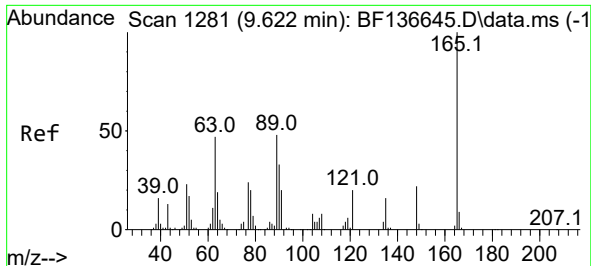
Tgt Ion:152 Resp: 547965
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.9 10.2 15.2



#50
Dimethylphthalate
Concen: 39.390 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:163 Resp: 393008
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 7.8 11.6

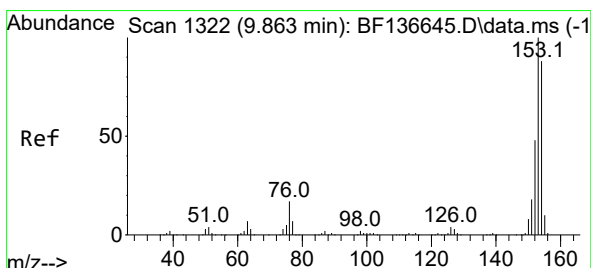
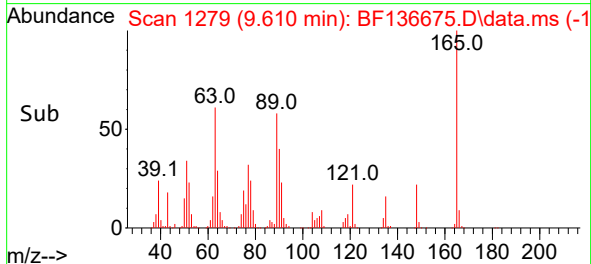
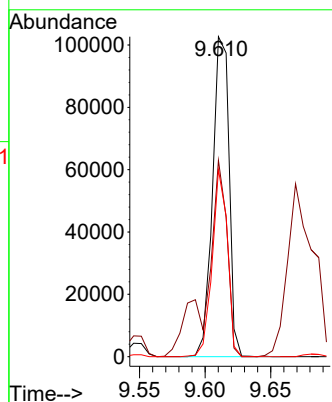
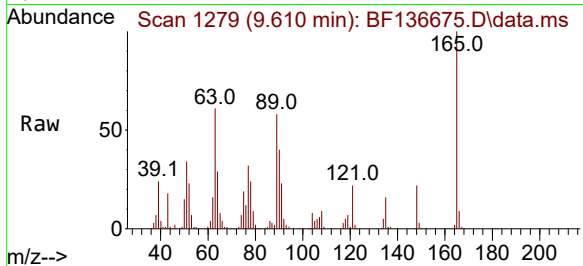




#51
2,6-Dinitrotoluene
Concen: 39.746 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

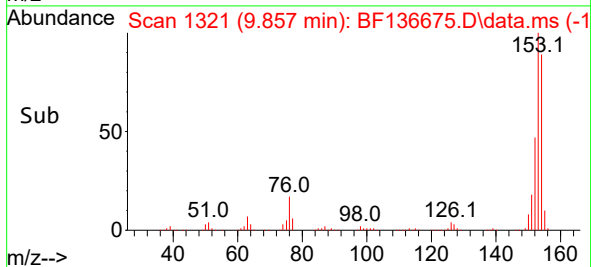
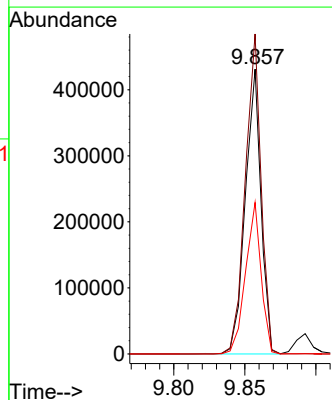
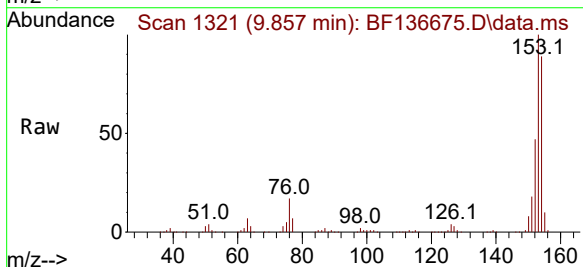
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

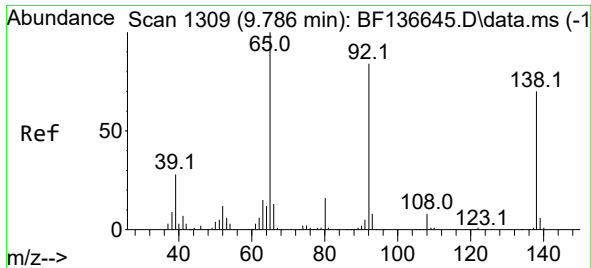
Tgt Ion:165 Resp: 90000
Ion Ratio Lower Upper
165 100
63 61.3 39.8 59.6#
89 58.4 38.8 58.2#



#52
Acenaphthene
Concen: 40.414 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:154 Resp: 333674
Ion Ratio Lower Upper
154 100
153 112.3 90.7 136.1
152 53.2 43.7 65.5

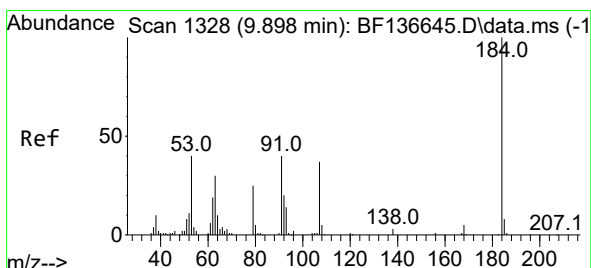
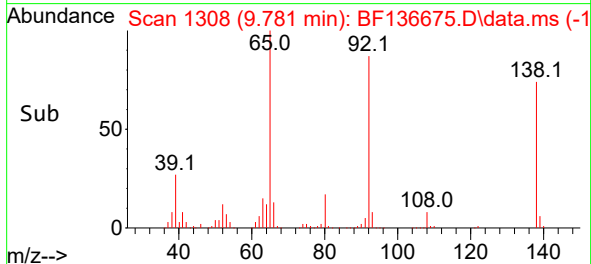
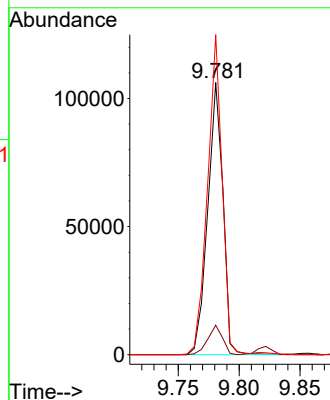
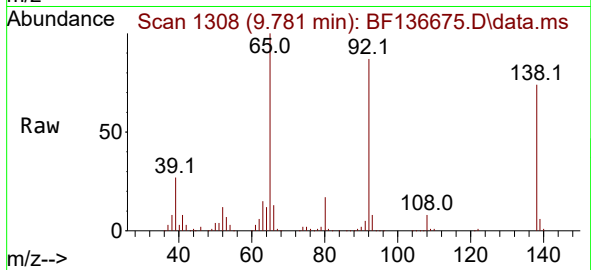




#53
3-Nitroaniline
Concen: 38.510 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

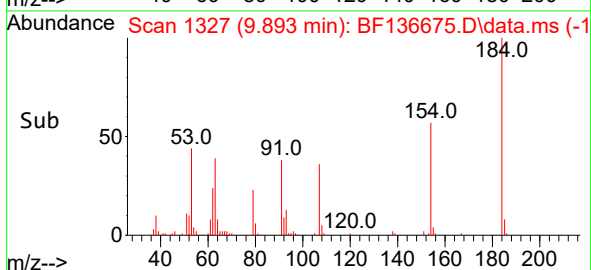
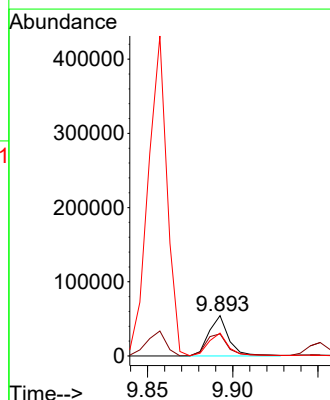
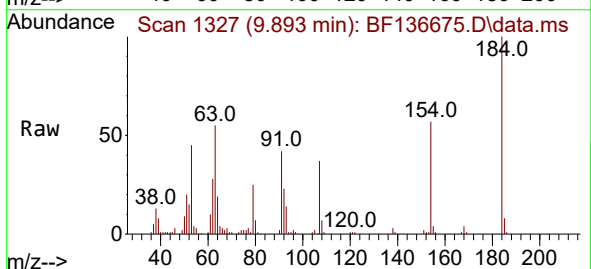
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

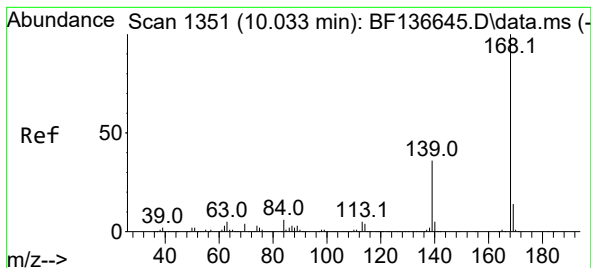
Tgt Ion:138 Resp: 92374
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 117.6 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 37.382 ng
RT: 9.893 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:184 Resp: 44294
Ion Ratio Lower Upper
184 100
63 54.8 40.9 61.3
154 56.6 42.7 64.1





#55

Dibenzenofuran

Concen: 39.794 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

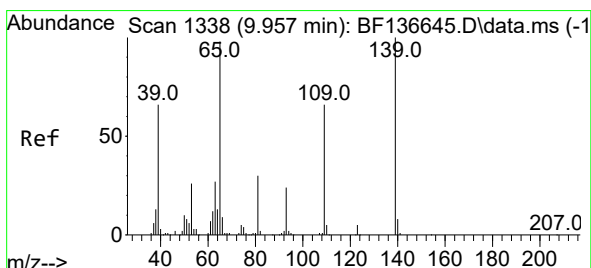
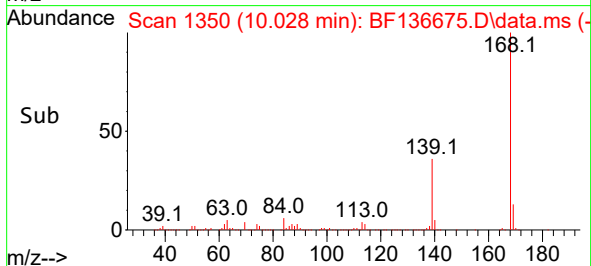
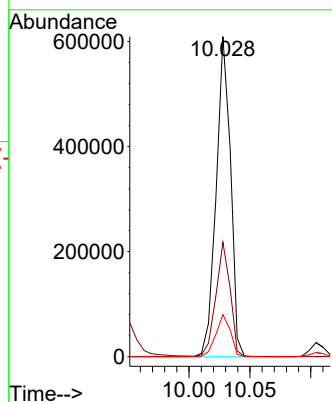
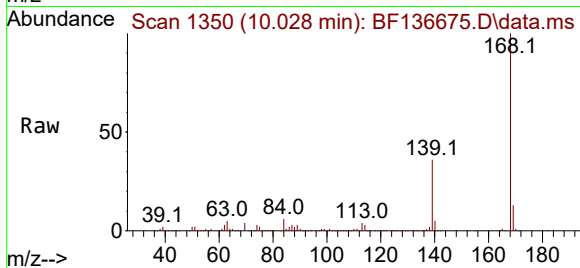
Tgt Ion:168 Resp: 498048

Ion Ratio Lower Upper

168 100

139 35.7 29.3 43.9

169 13.1 11.0 16.4



#56

4-Nitrophenol

Concen: 37.253 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

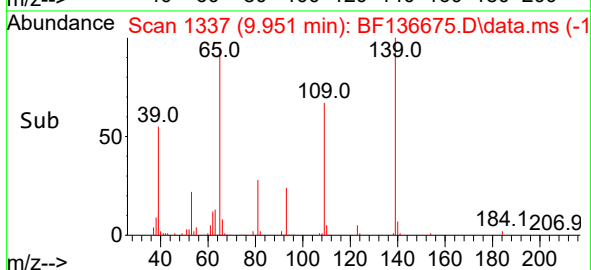
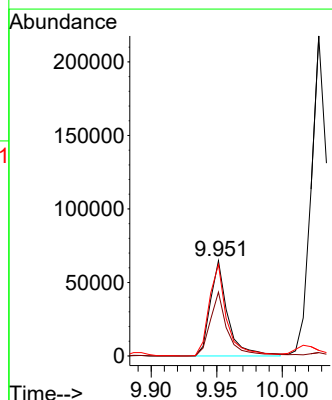
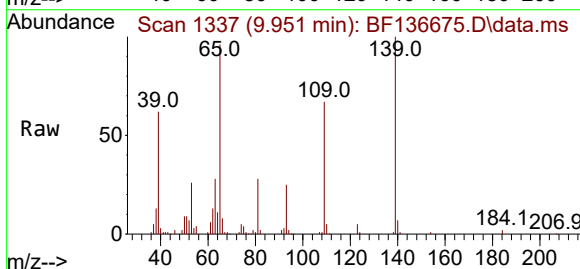
Tgt Ion:139 Resp: 60322

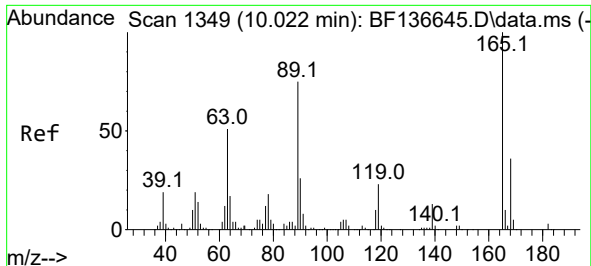
Ion Ratio Lower Upper

139 100

109 67.1 45.8 85.8

65 96.2 77.8 117.8

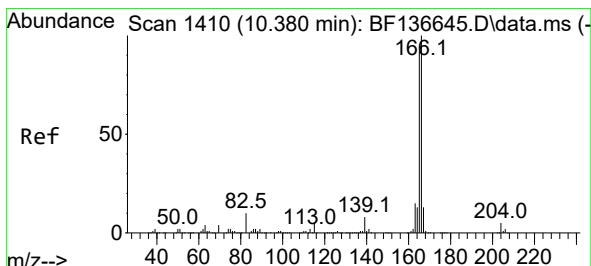
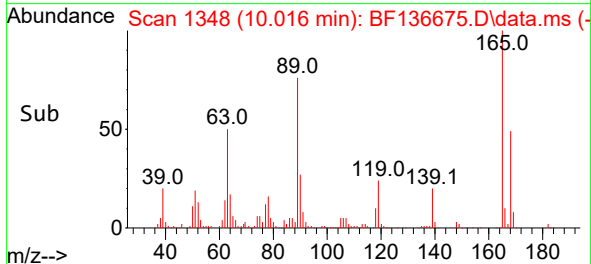
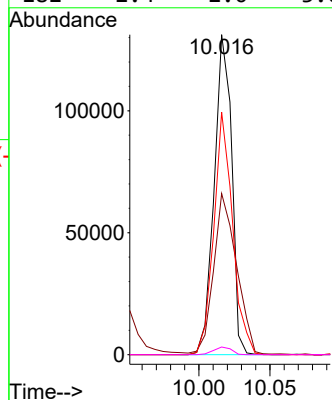
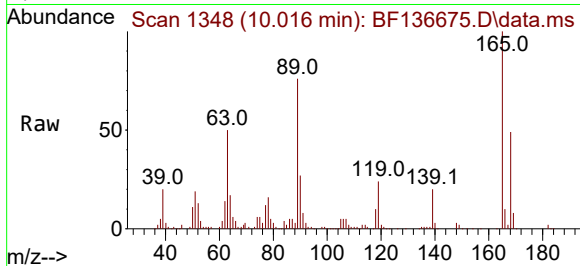




#57
2,4-Dinitrotoluene
Concen: 38.235 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

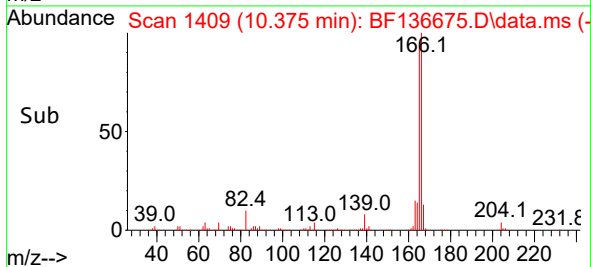
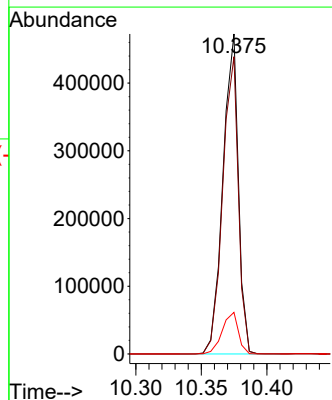
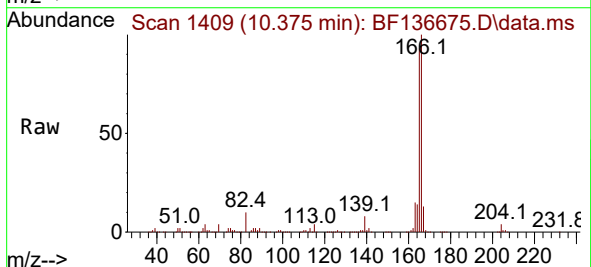
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

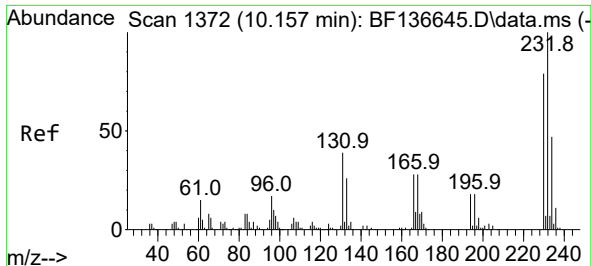
Tgt Ion:165 Resp: 112395
Ion Ratio Lower Upper
165 100
63 50.4 41.0 61.6
89 75.8 59.9 89.9
182 2.4 2.0 3.0



#58
Fluorene
Concen: 38.844 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:166 Resp: 385750
Ion Ratio Lower Upper
166 100
165 92.9 73.7 110.5
167 13.0 10.4 15.6

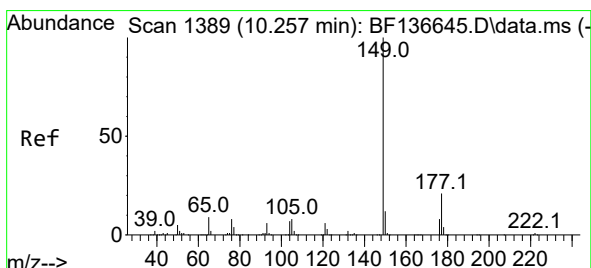
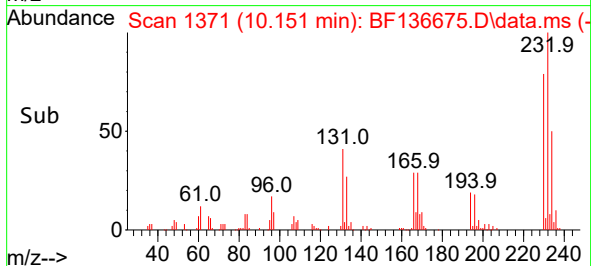
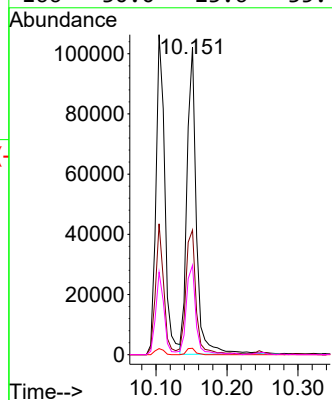
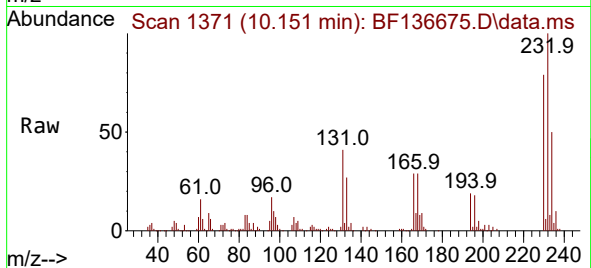




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.962 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

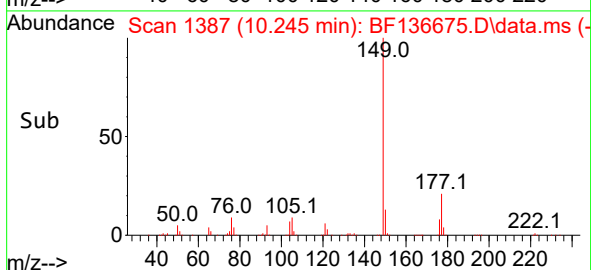
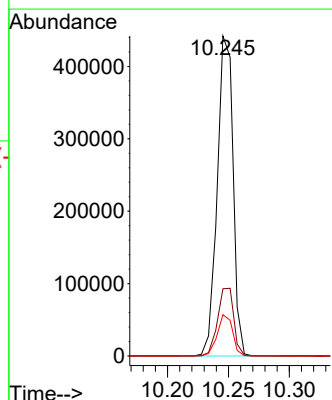
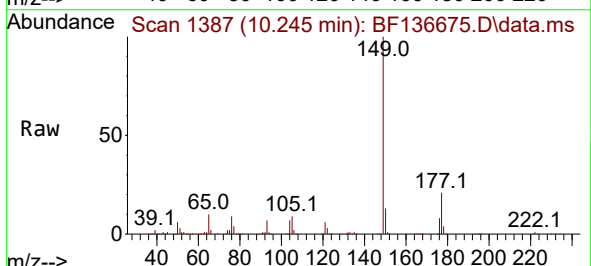
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

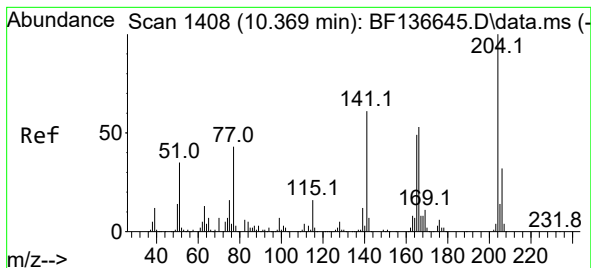
Tgt Ion:232 Resp: 93001
Ion Ratio Lower Upper
232 100
131 44.7 35.1 52.7
130 2.0 1.6 2.4
166 30.0 23.6 35.4



#60
Diethylphthalate
Concen: 38.655 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:149 Resp: 400161
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.9 9.3 13.9

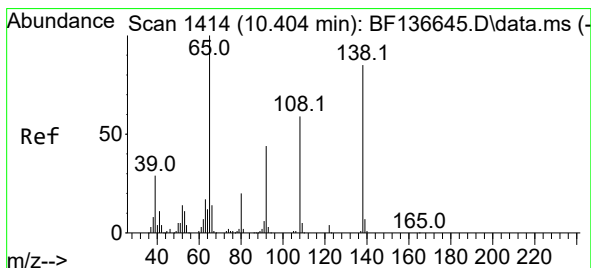
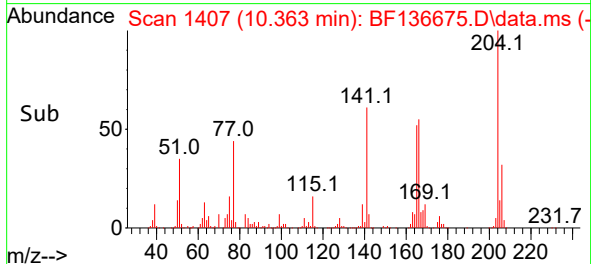
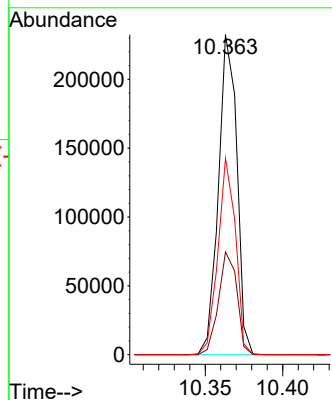
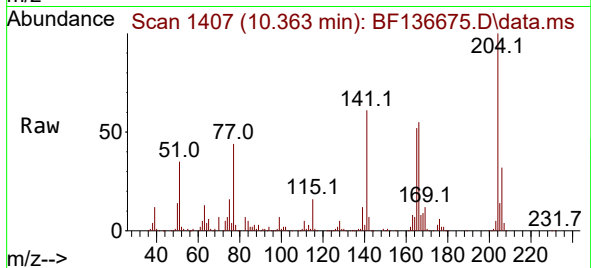




#61
4-Chlorophenyl-phenylether
Concen: 39.824 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

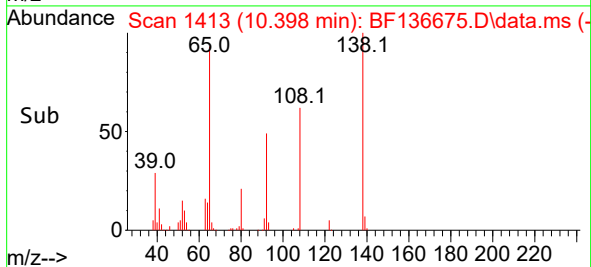
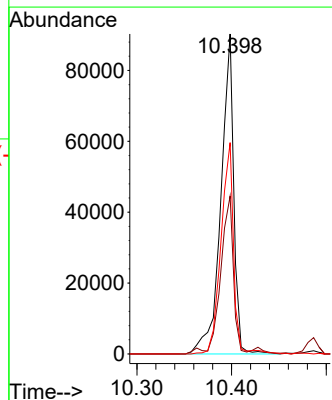
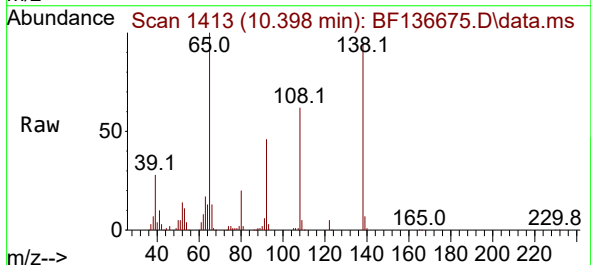
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

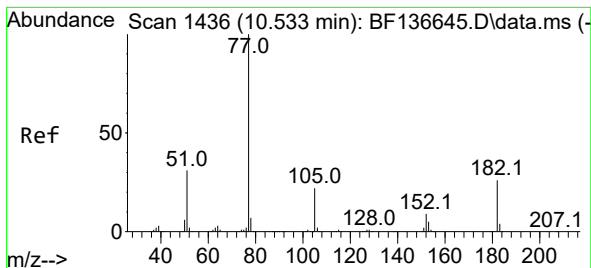
Tgt Ion:204 Resp: 192231
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 61.3 48.4 72.6



#62
4-Nitroaniline
Concen: 37.005 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:138 Resp: 85571
Ion Ratio Lower Upper
138 100
92 49.4 32.1 72.1
108 66.1 50.1 90.1





#63

Azobenzene

Concen: 39.324 ng

RT: 10.528 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 380220

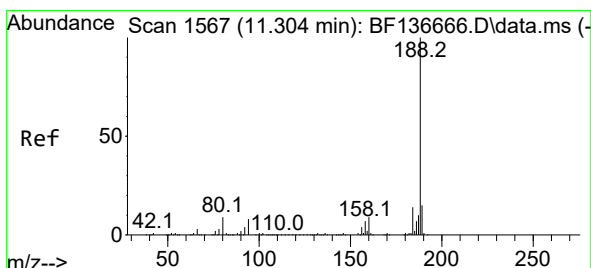
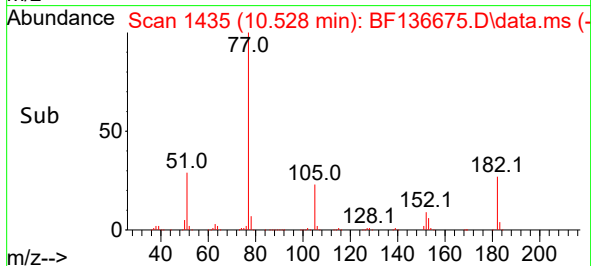
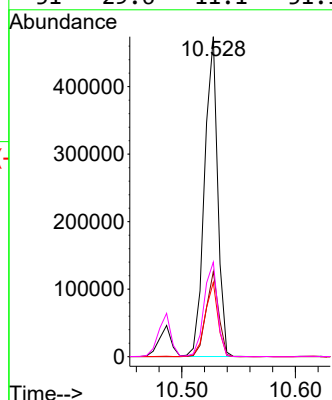
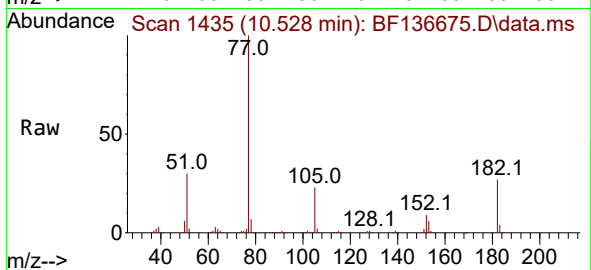
Ion Ratio Lower Upper

77 100

182 26.6 6.0 46.0

105 23.2 2.3 42.3

51 29.6 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

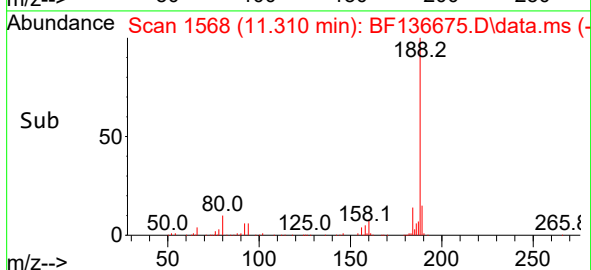
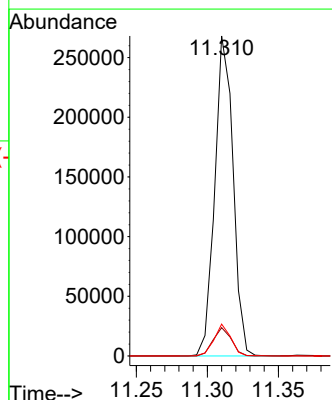
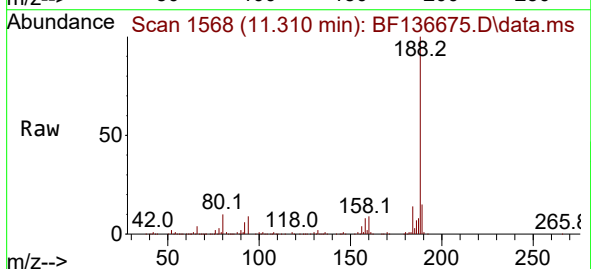
Tgt Ion:188 Resp: 240536

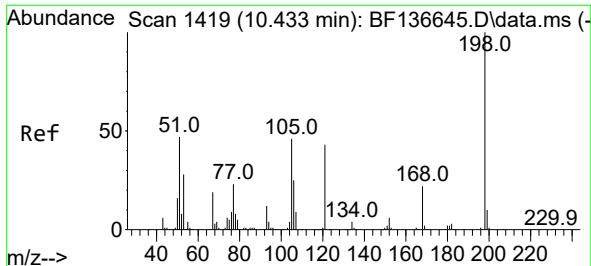
Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

80 9.9 8.1 12.1

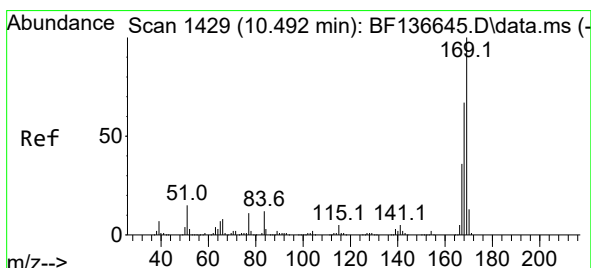
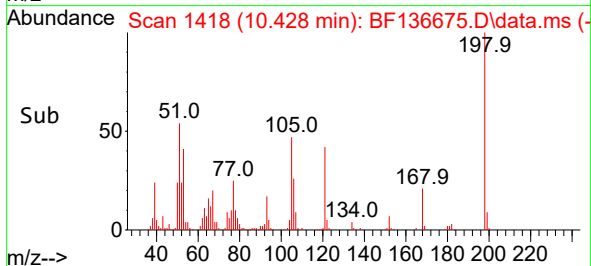
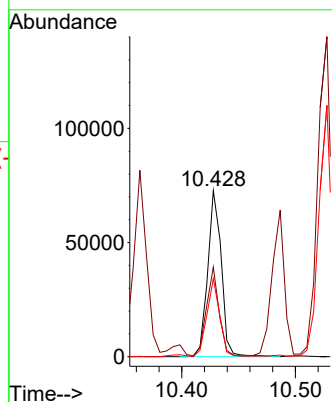
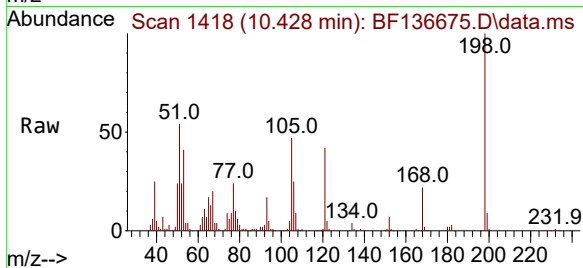




#65
4,6-Dinitro-2-methylphenol
Concen: 43.641 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

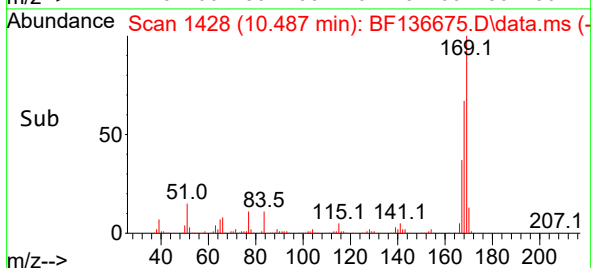
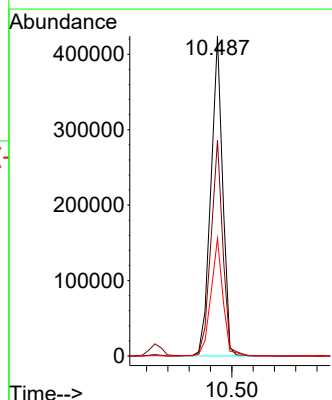
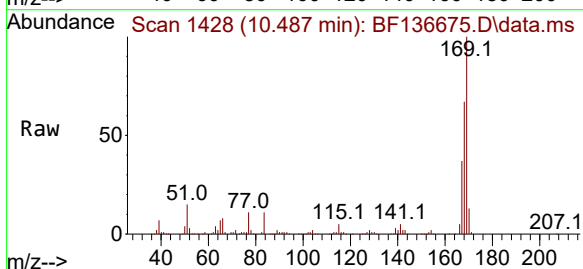
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

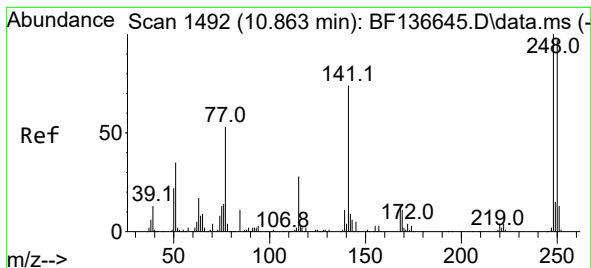
Tgt Ion:198 Resp: 60159
Ion Ratio Lower Upper
198 100
51 53.9 34.1 74.1
105 46.9 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.981 ng
RT: 10.487 min Scan# 1428
Delta R.T. -0.005 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:169 Resp: 328029
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.6
167 36.7 28.7 43.1

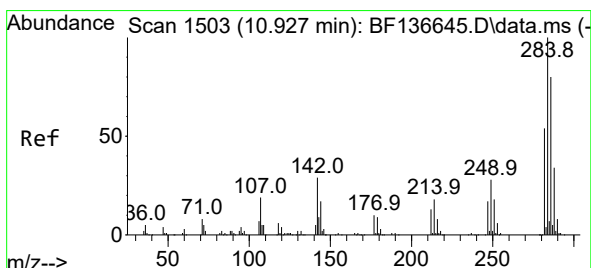
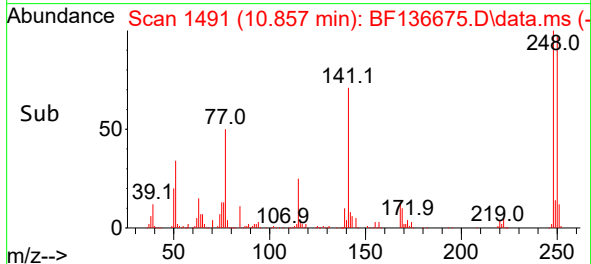
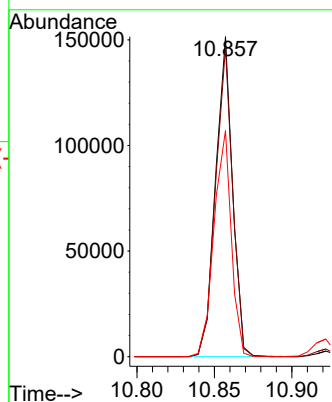
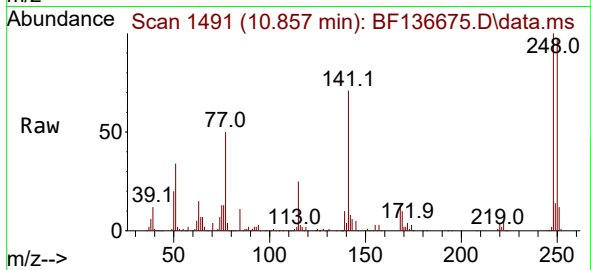




#67
4-Bromophenyl-phenylether
Concen: 43.198 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

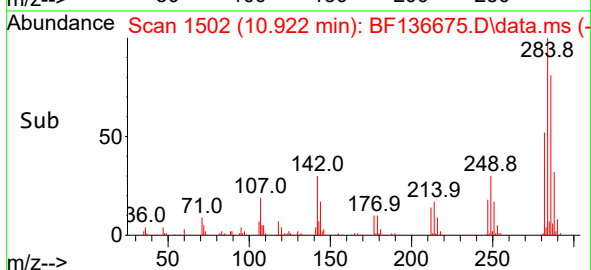
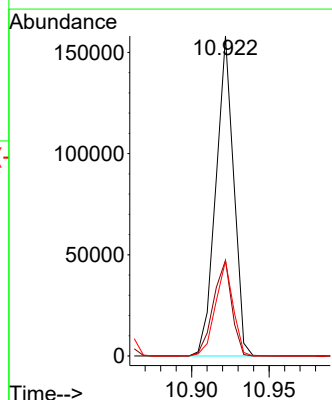
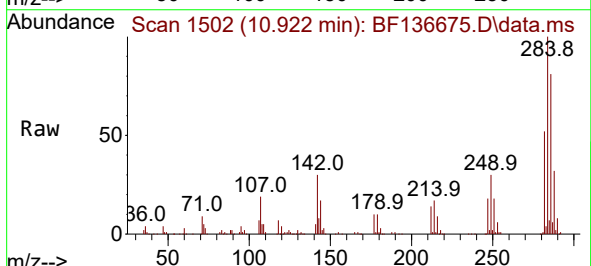
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

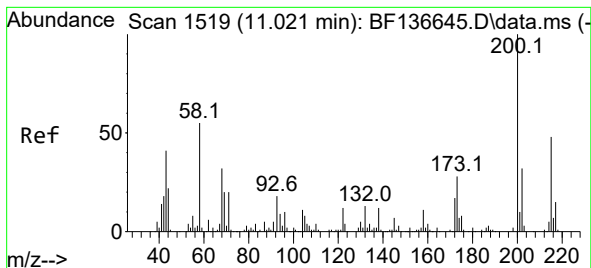
Tgt Ion:248 Resp: 115396
Ion Ratio Lower Upper
248 100
250 96.7 77.8 116.6
141 70.6 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.388 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:284 Resp: 126188
Ion Ratio Lower Upper
284 100
142 29.9 23.4 35.0
249 29.7 22.3 33.5





#69

Atrazine

Concen: 29.976 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

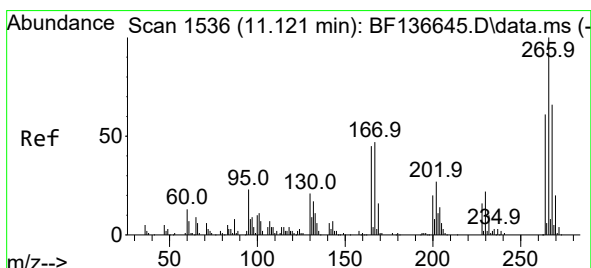
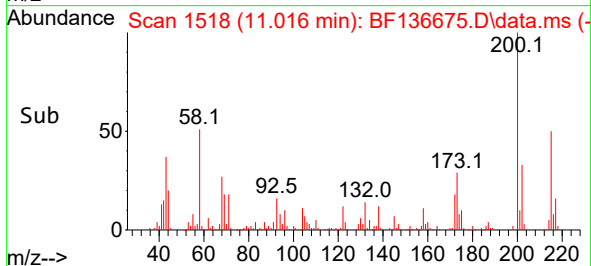
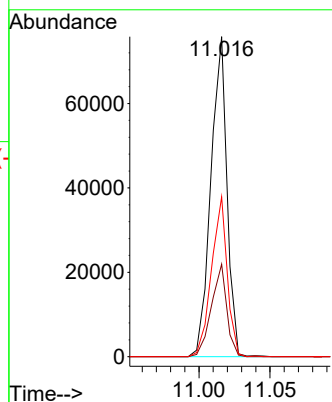
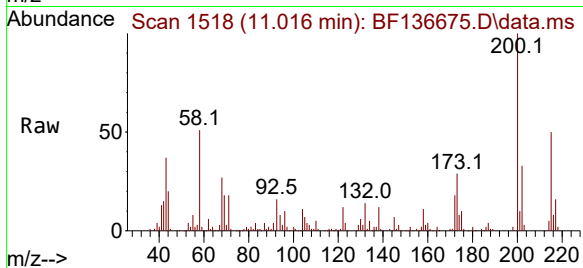
Tgt Ion:200 Resp: 59907

Ion Ratio Lower Upper

200 100

173 28.9 7.6 47.6

215 50.0 28.3 68.3



#70

Pentachlorophenol

Concen: 43.255 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

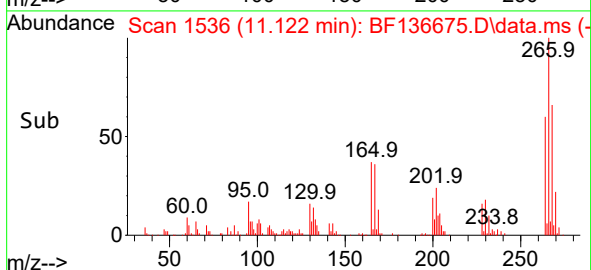
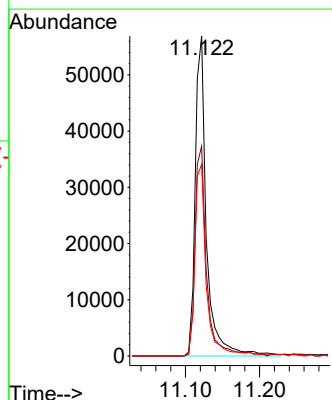
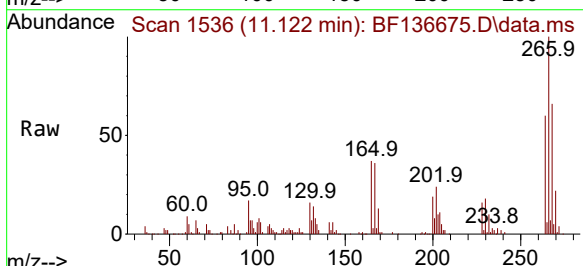
Tgt Ion:266 Resp: 60020

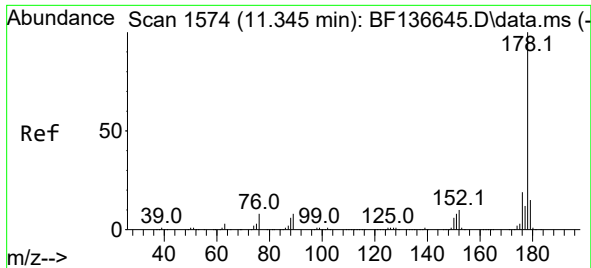
Ion Ratio Lower Upper

266 100

268 65.6 52.6 78.8

264 59.9 49.0 73.4

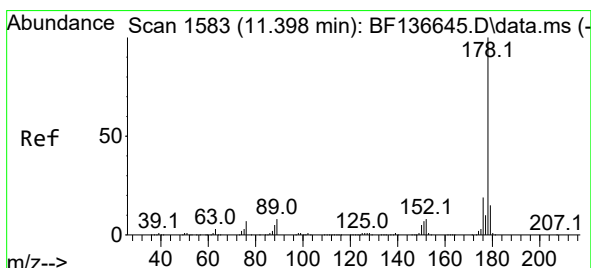
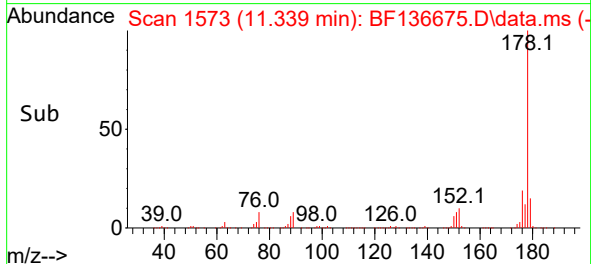
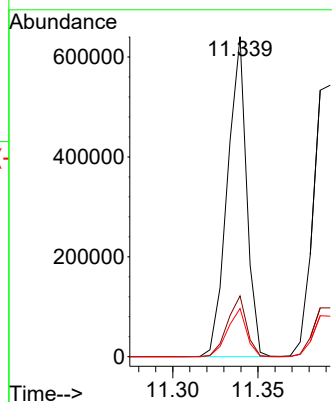
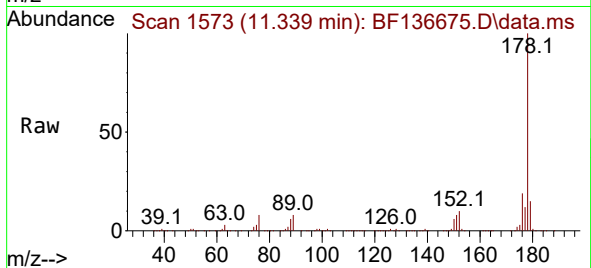




#71
Phenanthrene
Concen: 40.652 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

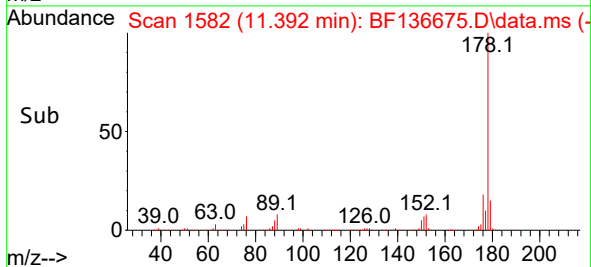
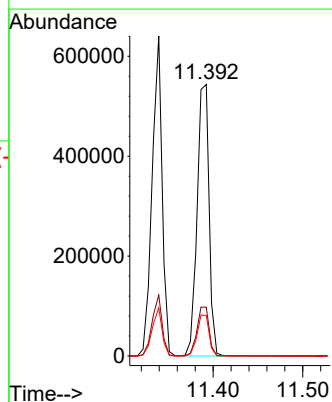
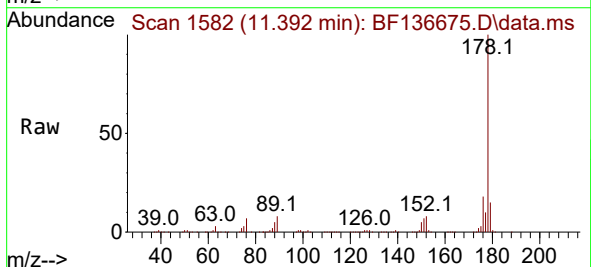
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

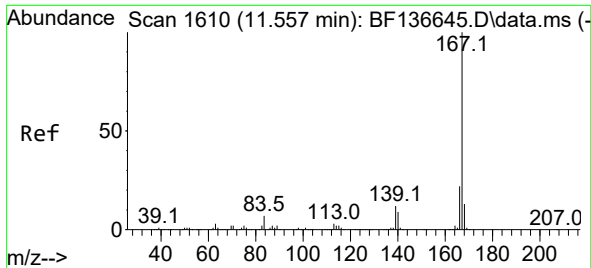
Tgt Ion:178 Resp: 501729
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.0 11.9 17.9



#72
Anthracene
Concen: 40.365 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:178 Resp: 504530
Ion Ratio Lower Upper
178 100
176 18.0 14.9 22.3
179 14.9 11.8 17.6

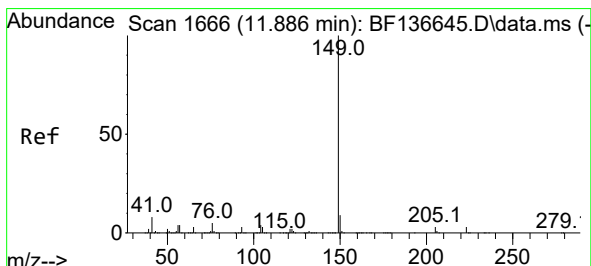
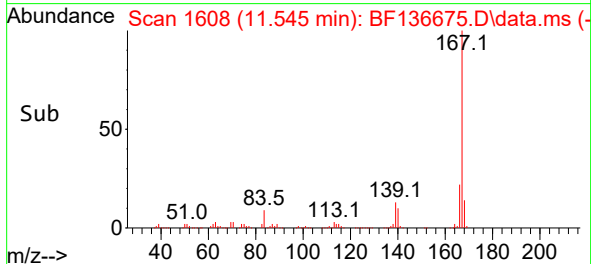
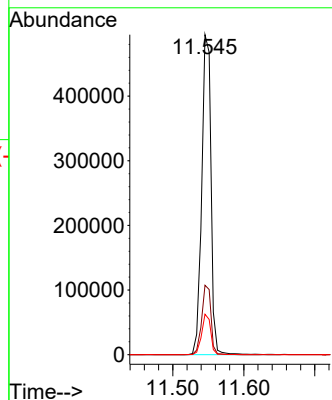
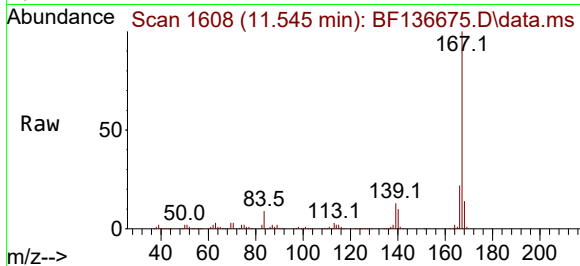




#73
 Carbazole
 Concen: 38.219 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.011 min
 Lab File: BF136675.D
 Acq: 21 Dec 2023 18:30

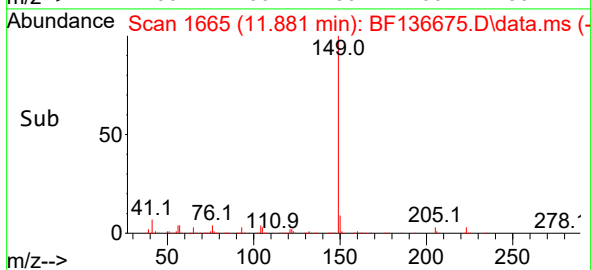
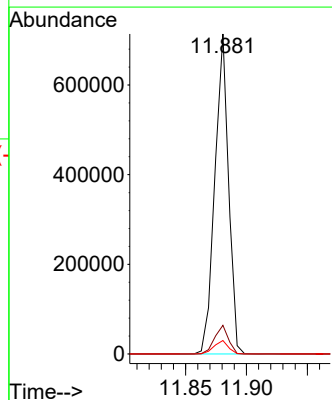
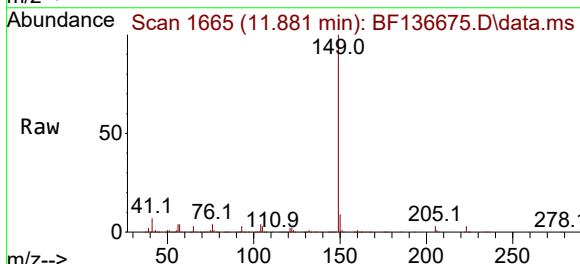
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

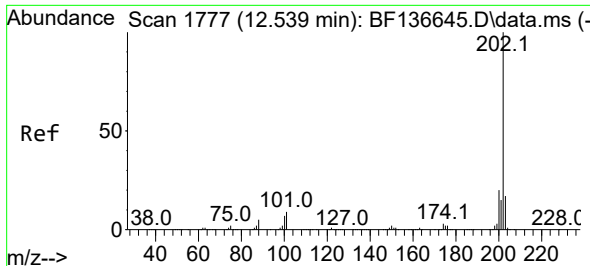
Tgt Ion:167 Resp: 450386
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 12.7 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 38.970 ng
 RT: 11.881 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136675.D
 Acq: 21 Dec 2023 18:30

Tgt Ion:149 Resp: 560381
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.2 3.6 5.4

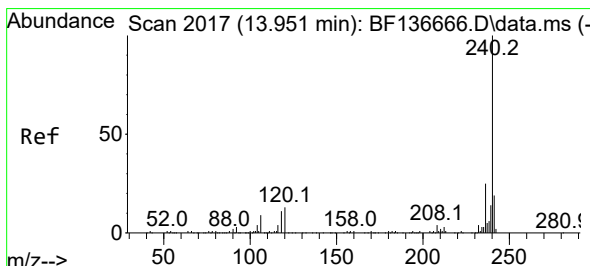
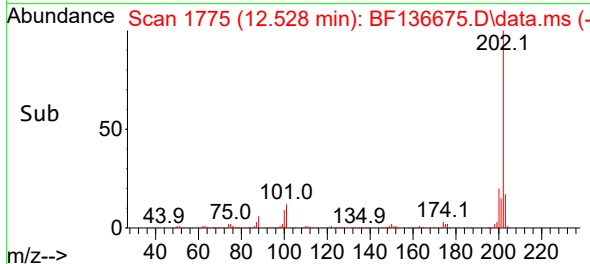
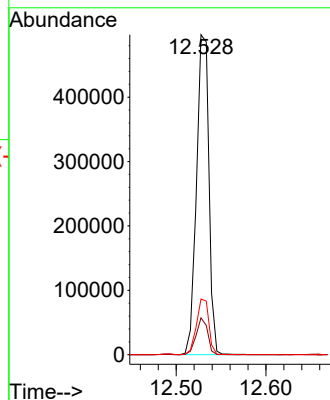
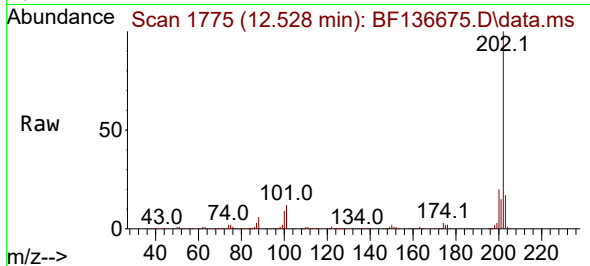




#75
Fluoranthene
Concen: 36.224 ng
RT: 12.528 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

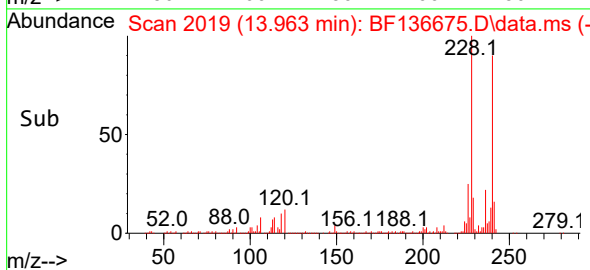
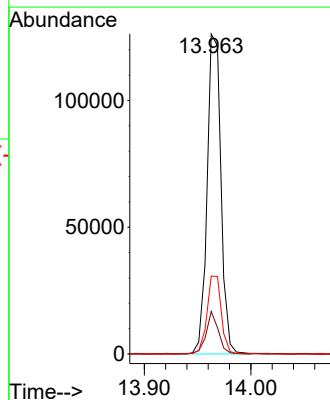
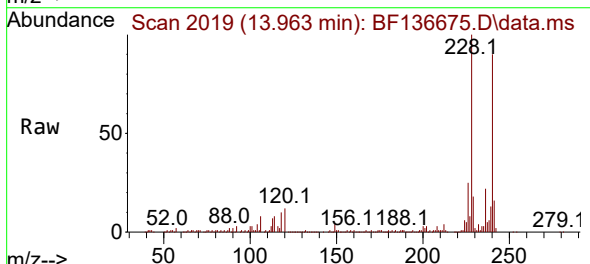
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

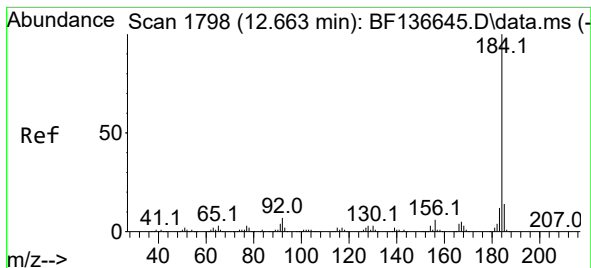
Tgt Ion:202 Resp: 478216
Ion Ratio Lower Upper
202 100
101 11.5 0.0 29.3
203 17.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:240 Resp: 114436
Ion Ratio Lower Upper
240 100
120 13.3 10.3 15.5
236 24.4 19.4 29.2





#77

Benzidine

Concen: 36.477 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

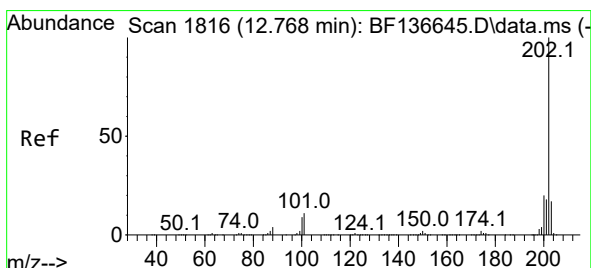
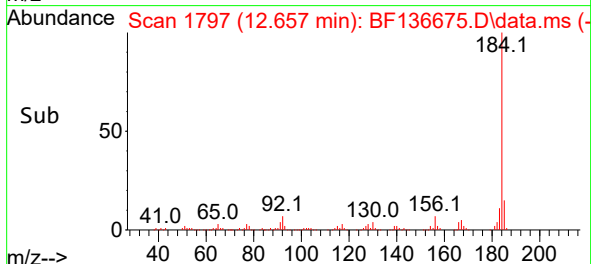
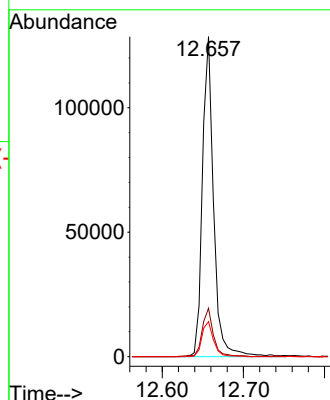
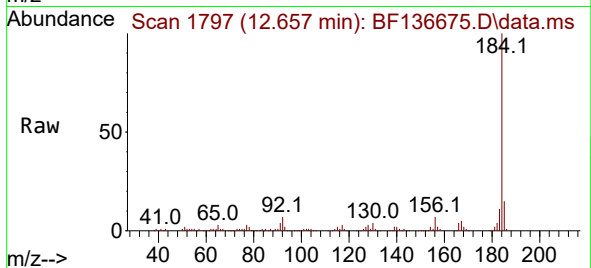
Tgt Ion:184 Resp: 123083

Ion Ratio Lower Upper

184 100

185 15.2 11.2 16.8

183 10.9 9.3 13.9



#78

Pyrene

Concen: 42.964 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

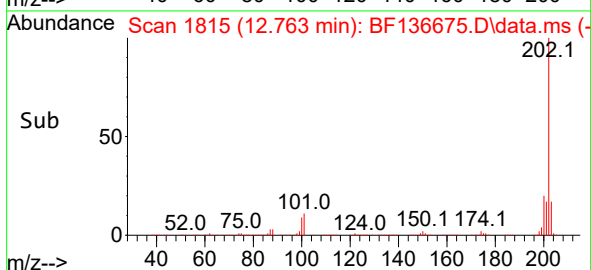
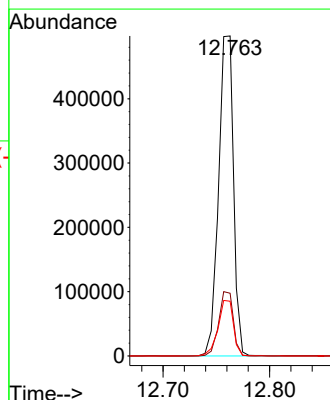
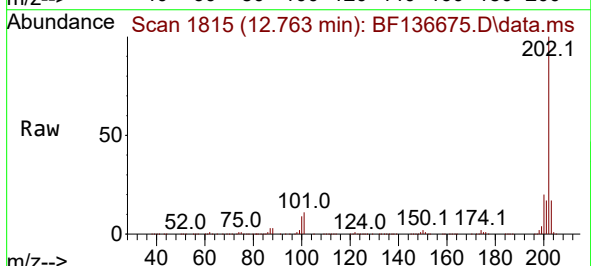
Tgt Ion:202 Resp: 482653

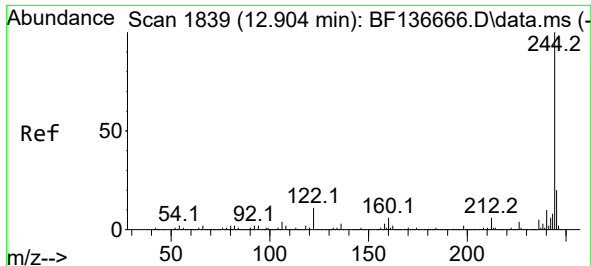
Ion Ratio Lower Upper

202 100

200 19.6 15.9 23.9

203 17.1 13.8 20.6

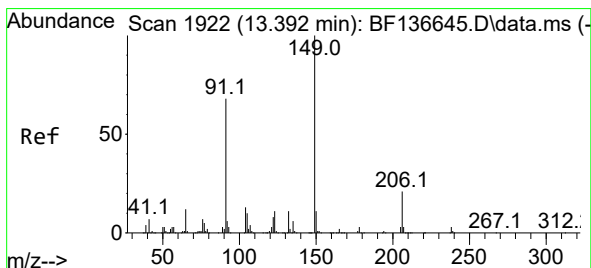
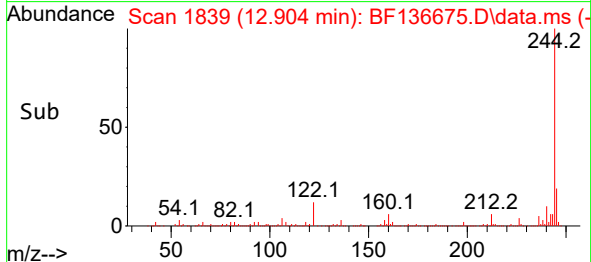
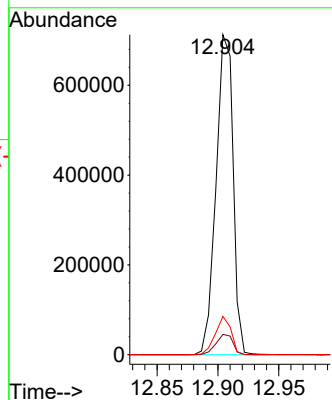
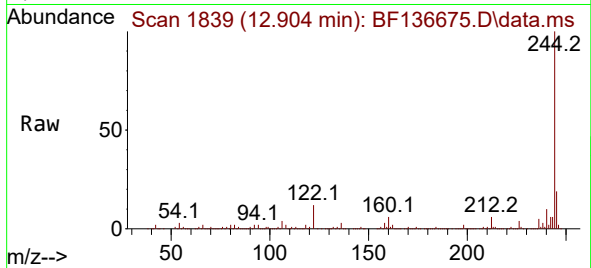




#79
 Terphenyl-d14
 Concen: 84.799 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BF136675.D
 Acq: 21 Dec 2023 18:30

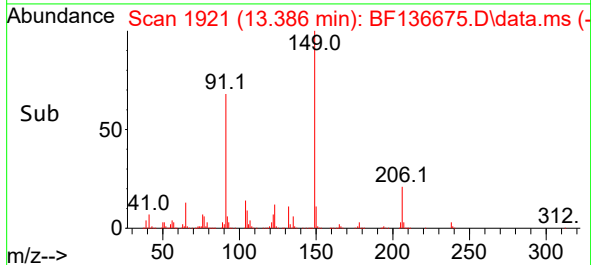
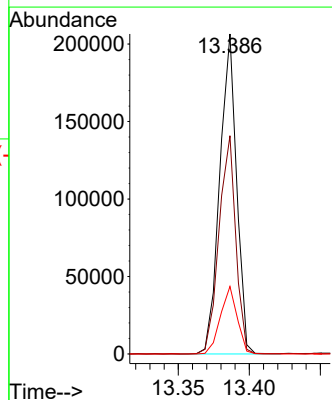
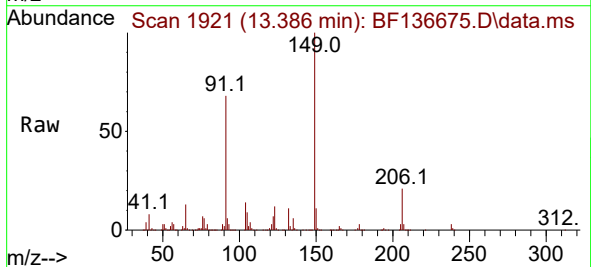
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

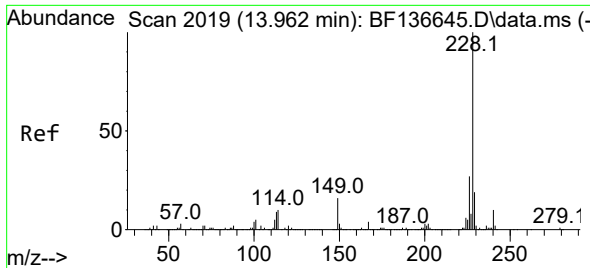
Tgt Ion:244 Resp: 694400
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.9 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 41.658 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136675.D
 Acq: 21 Dec 2023 18:30

Tgt Ion:149 Resp: 170284
 Ion Ratio Lower Upper
 149 100
 91 68.2 54.1 81.1
 206 21.1 17.1 25.7

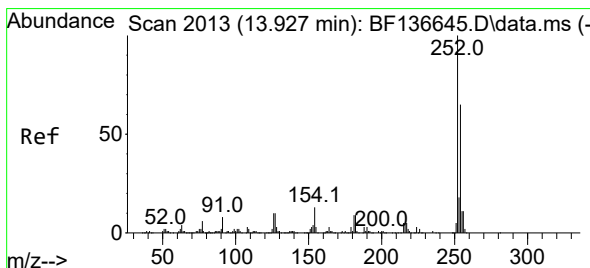
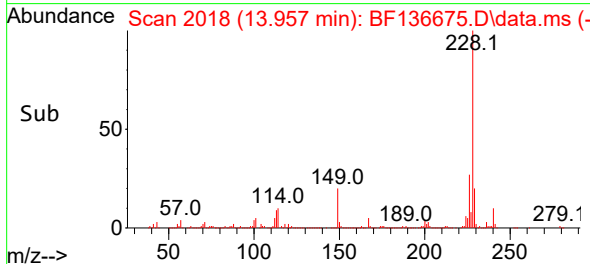
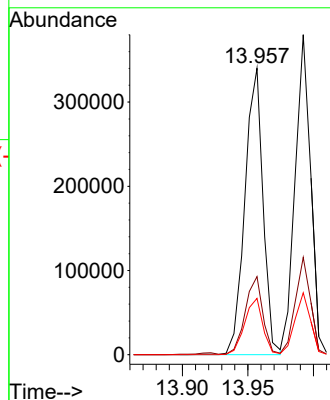
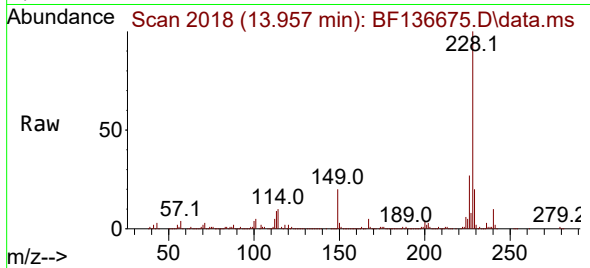




#81
Benzo(a)anthracene
Concen: 41.217 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

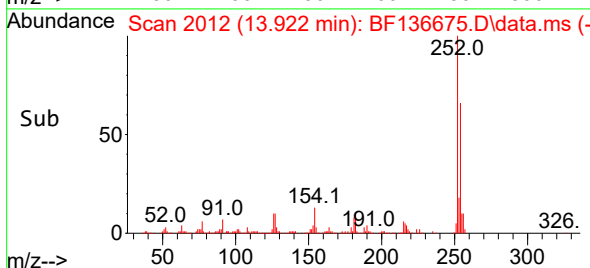
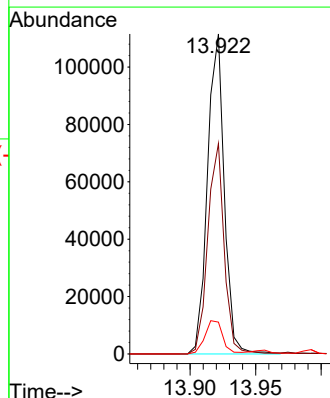
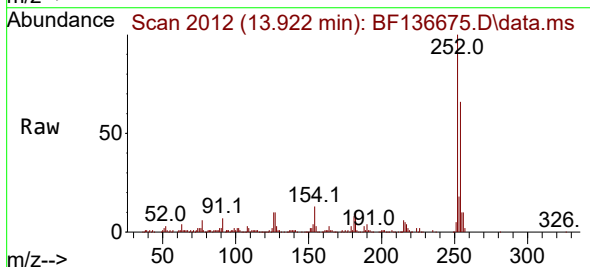
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

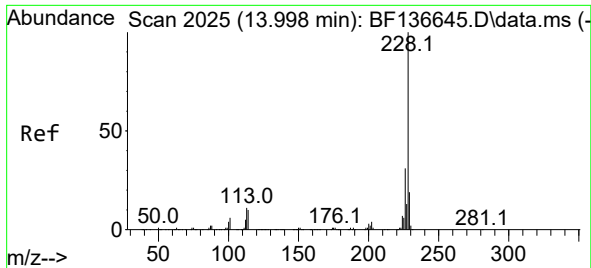
Tgt Ion:228 Resp: 327521
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 19.7 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 44.098 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:252 Resp: 99515
Ion Ratio Lower Upper
252 100
254 65.8 52.2 78.4
126 10.0 8.0 12.0





#83

Chrysene

Concen: 40.311 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

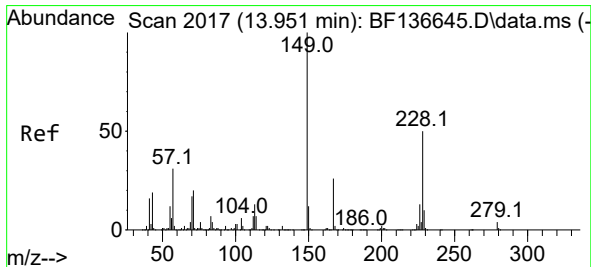
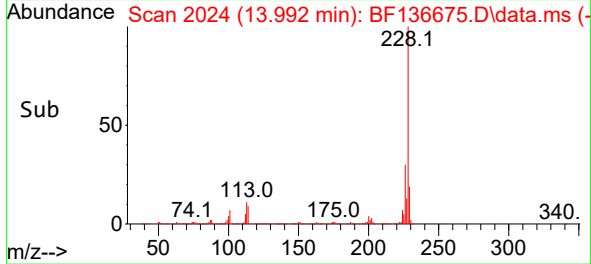
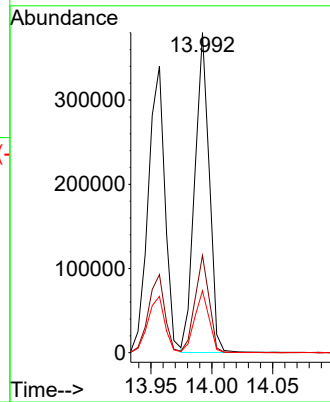
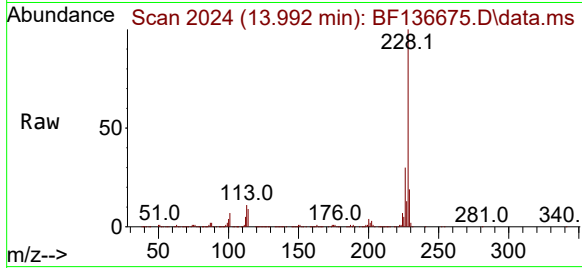
Tgt Ion:228 Resp: 313247

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

229 19.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.599 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

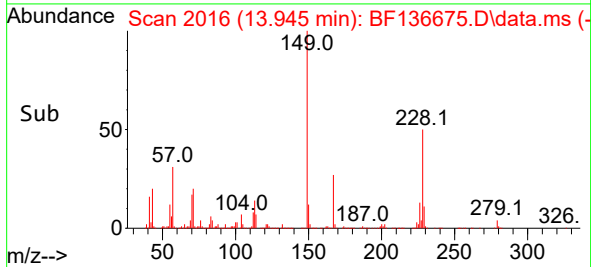
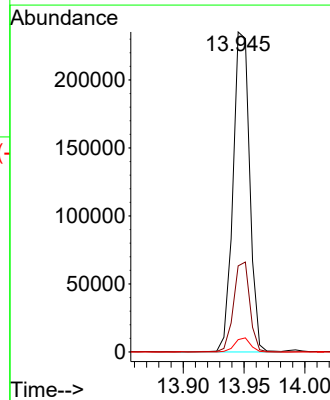
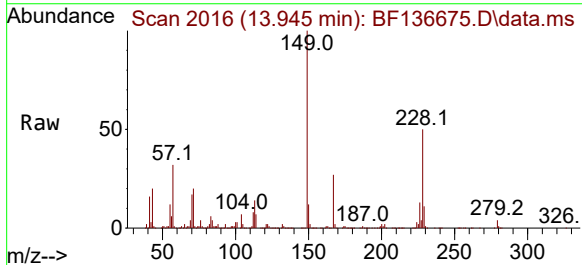
Tgt Ion:149 Resp: 224230

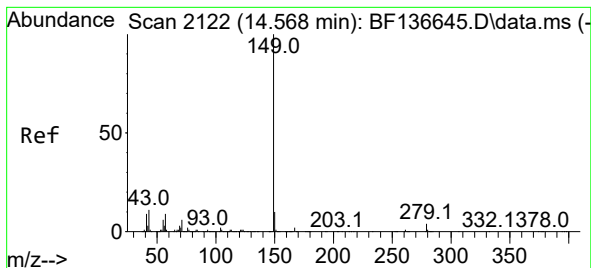
Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 47.647 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

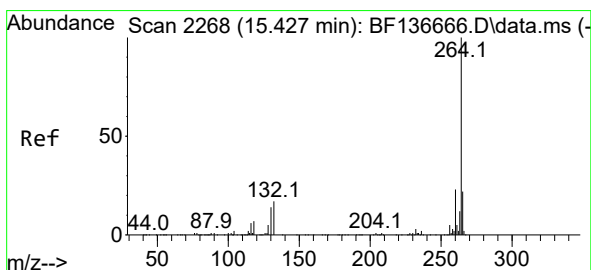
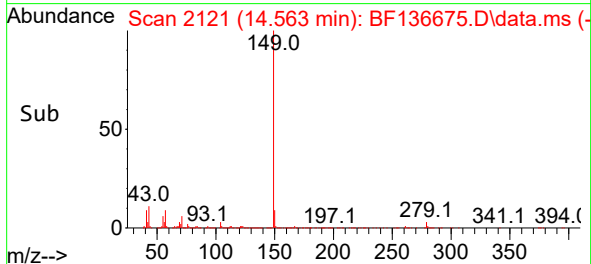
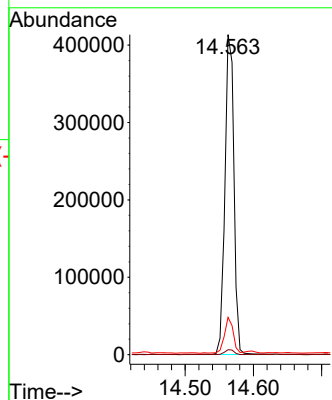
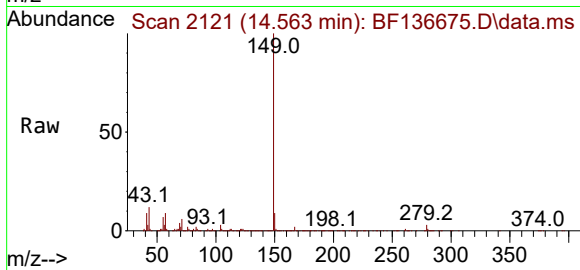
Tgt Ion:149 Resp: 379058

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

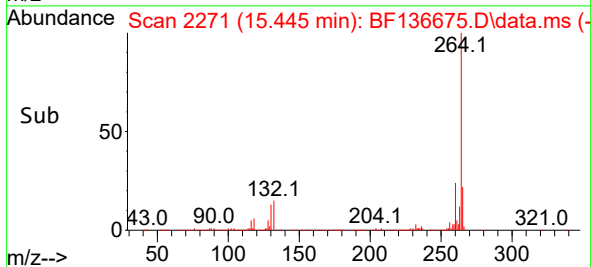
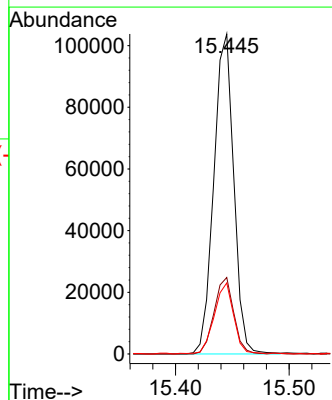
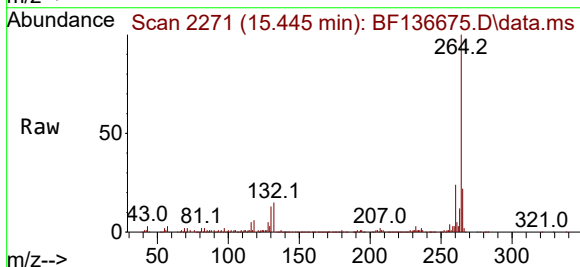
Tgt Ion:264 Resp: 126569

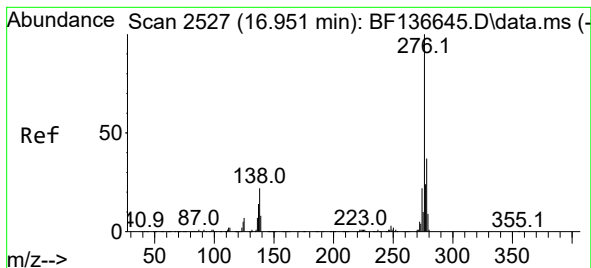
Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 22.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.576 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

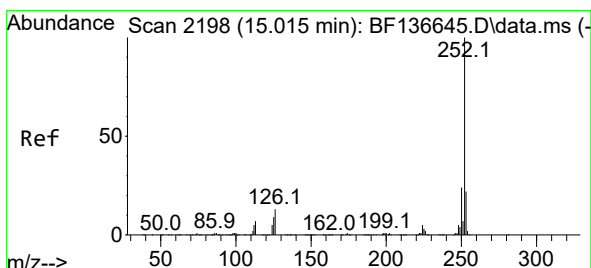
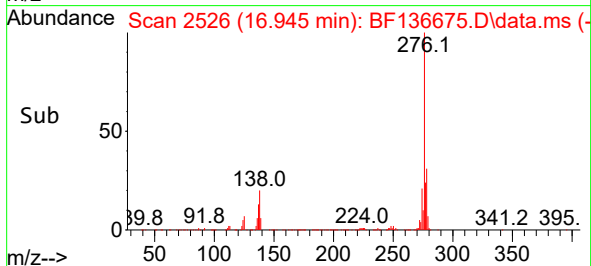
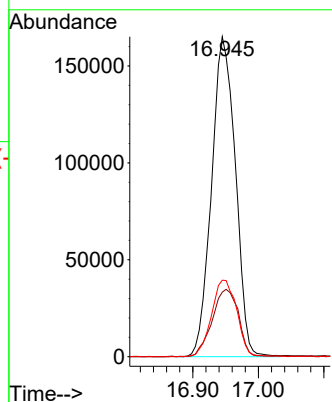
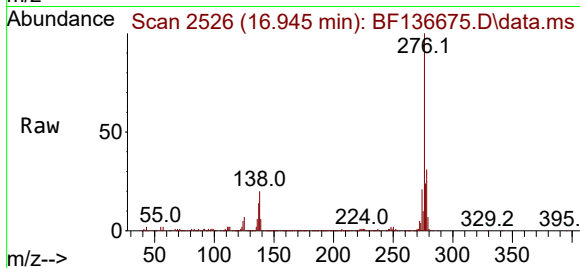
Tgt Ion:276 Resp: 416492

Ion Ratio Lower Upper

276 100

138 23.3 18.7 28.1

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.403 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

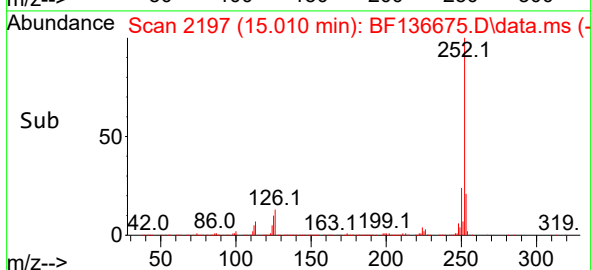
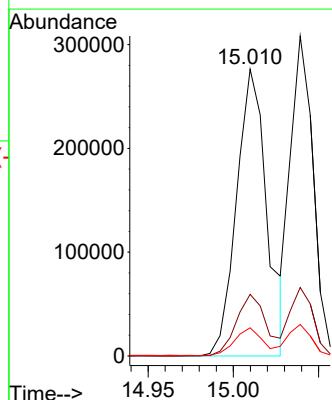
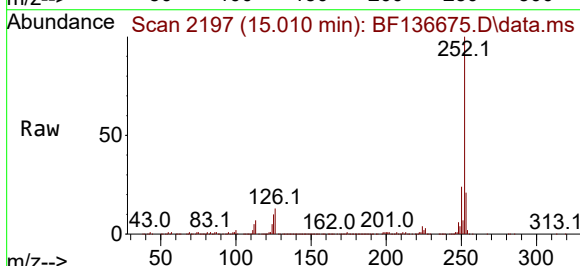
Tgt Ion:252 Resp: 341552

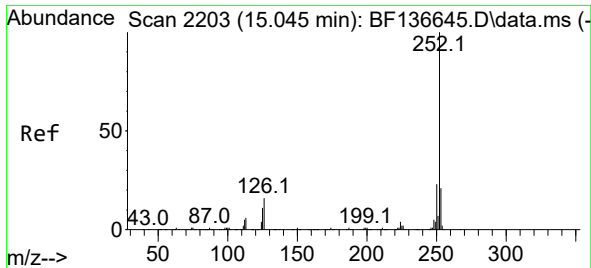
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.8 7.4 11.2

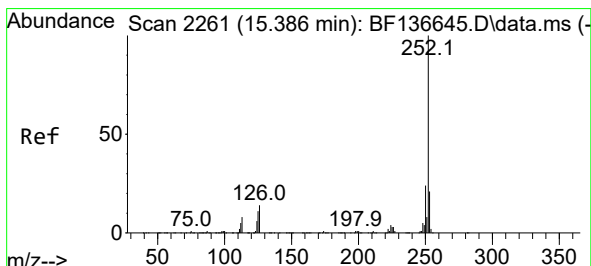
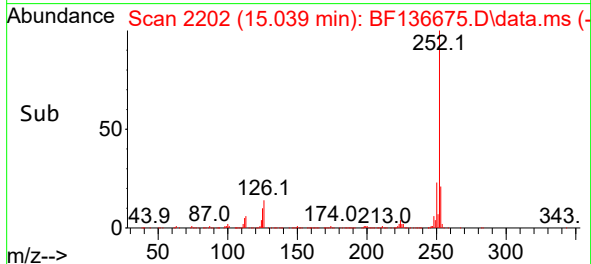
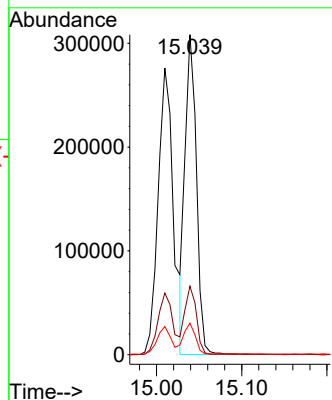
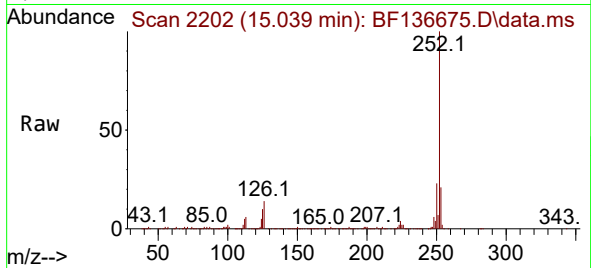




#89
Benzo(k)fluoranthene
Concen: 35.877 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

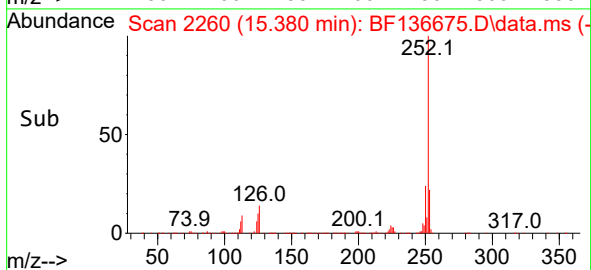
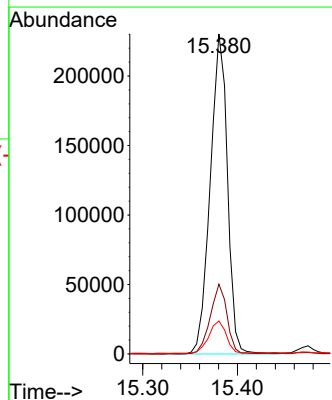
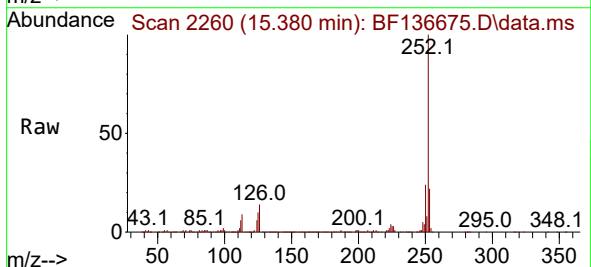
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

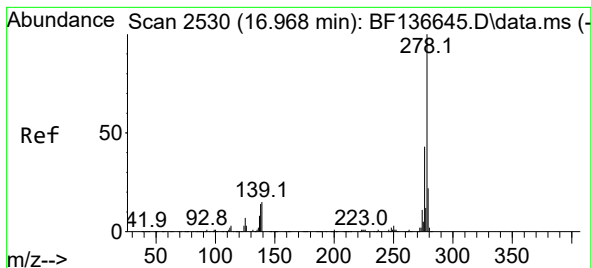
Tgt Ion:252 Resp: 286586
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 9.8 8.2 12.4



#90
Benzo(a)pyrene
Concen: 40.843 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:252 Resp: 291450
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 10.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.242 ng

RT: 16.969 min Scan# 2530

Delta R.T. 0.000 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

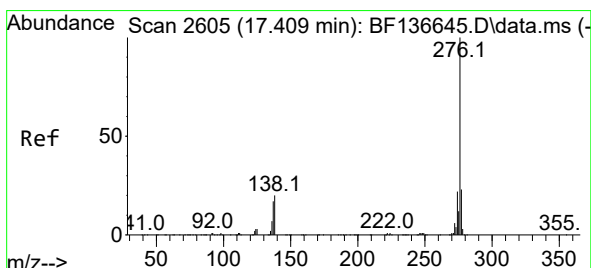
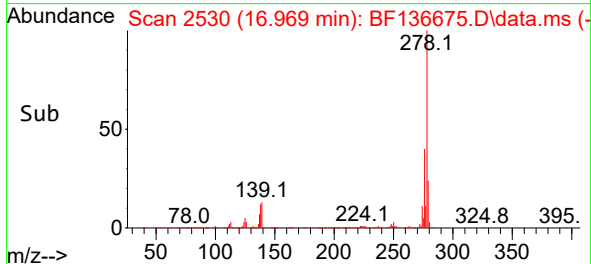
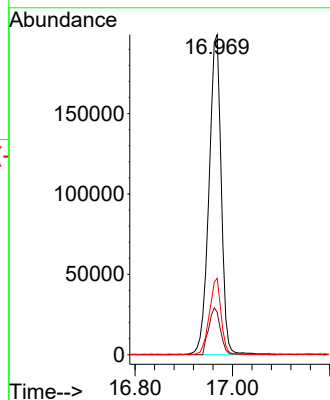
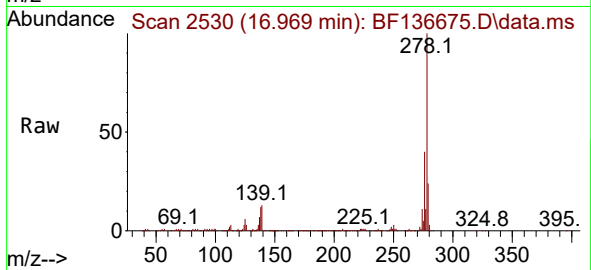
Tgt Ion:278 Resp: 346686

Ion Ratio Lower Upper

278 100

139 13.2 12.2 18.4

279 23.8 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 47.166 ng

RT: 17.410 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Tgt Ion:276 Resp: 362173

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 19.1 15.6 23.4

