

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136635.D
 Acq On : 19 Dec 2023 17:40
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Dec 20 03:14:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 03:10:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	75170	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	302350	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	156681	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	296672	20.000	ng	0.00
76) Chrysene-d12	13.974	240	158977	20.000	ng	0.00
86) Perylene-d12	15.451	264	147152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	458153	90.011	ng	0.00
7) Phenol-d6	6.445	99	582835	91.778	ng	0.00
23) Nitrobenzene-d5	7.363	82	555088	99.250	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	172273	89.173	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1065118	92.759	ng	0.00
79) Terphenyl-d14	12.916	244	1047283	86.828	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	94780	47.079	ng	97
3) Pyridine	3.316	79	239131	49.048	ng	96
4) n-Nitrosodimethylamine	3.287	42	127609	60.245	ng	93
6) Aniline	6.463	93	289603	45.124	ng	# 64
8) 2-Chlorophenol	6.587	128	248460	44.713	ng	98
9) Benzaldehyde	6.351	77	147018	43.641	ng	96
10) Phenol	6.457	94	313708	46.423	ng	100
11) bis(2-Chloroethyl)ether	6.540	93	241784	48.002	ng	99
12) 1,3-Dichlorobenzene	6.740	146	270598	43.302	ng	98
13) 1,4-Dichlorobenzene	6.816	146	274650	43.326	ng	99
14) 1,2-Dichlorobenzene	6.969	146	257852	43.256	ng	99
15) Benzyl Alcohol	6.945	79	205203	48.255	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	392999	60.664	ng	99
17) 2-Methylphenol	7.057	107	205124	45.692	ng	98
18) Hexachloroethane	7.304	117	100317	45.326	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	178883	48.831	ng	97
20) 3+4-Methylphenols	7.210	107	252007	45.226	ng	98
22) Acetophenone	7.210	105	352180	47.170	ng	# 97
24) Nitrobenzene	7.381	77	278393	49.481	ng	98
25) Isophorone	7.616	82	502521	50.012	ng	99
26) 2-Nitrophenol	7.692	139	135129	48.854	ng	98
27) 2,4-Dimethylphenol	7.734	122	163367	47.900	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	307570	49.814	ng	100
29) 2,4-Dichlorophenol	7.939	162	207217	46.030	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	226255	43.102	ng	99
31) Naphthalene	8.098	128	764490	45.851	ng	100
32) Benzoic acid	7.875	122	139294	41.170	ng	93
33) 4-Chloroaniline	8.151	127	287562	48.377	ng	99
34) Hexachlorobutadiene	8.210	225	139214	44.749	ng	99
35) Caprolactam	8.534	113	68595	49.479	ng	93
36) 4-Chloro-3-methylphenol	8.639	107	233676	48.887	ng	94
37) 2-Methylnaphthalene	8.786	142	488000	46.005	ng	100
38) 1-Methylnaphthalene	8.886	142	477671	45.891	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	226415	46.448	ng	100
41) Hexachlorocyclopentadiene	8.934	237	74148	41.059	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	149042	46.958	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136635.D
 Acq On : 19 Dec 2023 17:40
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

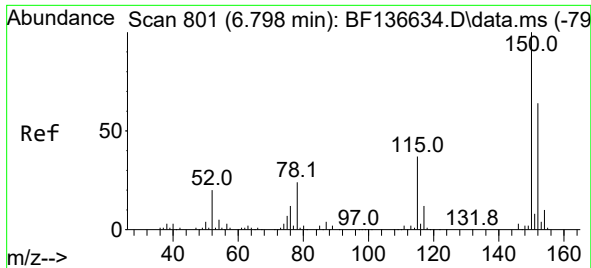
Quant Time: Dec 20 03:14:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 03:10:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	163658	46.199	ng	98
46) 1,1'-Biphenyl	9.251	154	609607	45.725	ng	98
47) 2-Chloronaphthalene	9.281	162	468439	45.144	ng	99
48) 2-Nitroaniline	9.375	65	150870	54.211	ng	98
49) Acenaphthylene	9.692	152	712656	48.212	ng	99
50) Dimethylphthalate	9.557	163	529371	45.891	ng	100
51) 2,6-Dinitrotoluene	9.622	165	121745	46.913	ng	99
52) Acenaphthene	9.863	154	442974	46.766	ng	98
53) 3-Nitroaniline	9.792	138	129813	48.985	ng	96
54) 2,4-Dinitrophenol	9.898	184	66961	51.033	ng	97
55) Dibenzofuran	10.039	168	658628	47.597	ng	98
56) 4-Nitrophenol	9.963	139	92393	46.508	ng	92
57) 2,4-Dinitrotoluene	10.028	165	157694	45.934	ng	95
58) Fluorene	10.380	166	520827	46.888	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128195	45.178	ng	98
60) Diethylphthalate	10.257	149	550591	48.540	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	247197	45.650	ng	99
62) 4-Nitroaniline	10.410	138	129559	49.236	ng	99
63) Azobenzene	10.533	77	519498	50.317	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	90046	49.009	ng	94
66) n-Nitrosodiphenylamine	10.498	169	453285	47.616	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	156341	45.326	ng	98
68) Hexachlorobenzene	10.927	284	173380	43.491	ng	99
69) Atrazine	11.022	200	84395	31.061	ng	99
70) Pentachlorophenol	11.127	266	88995	39.554	ng	97
71) Phenanthrene	11.345	178	709806	43.529	ng	99
72) Anthracene	11.398	178	715092	43.539	ng	100
73) Carbazole	11.557	167	657634	45.240	ng	100
74) Di-n-butylphthalate	11.886	149	837764	47.011	ng	100
75) Fluoranthene	12.539	202	734139	42.962	ng	99
77) Benzidine	12.663	184	155384	48.608	ng	97
78) Pyrene	12.769	202	735274	47.225	ng	99
80) Butylbenzylphthalate	13.392	149	273216	49.295	ng	100
81) Benzo(a)anthracene	13.963	228	503413	45.460	ng	96
82) 3,3'-Dichlorobenzidine	13.927	252	137400	44.253	ng	99
83) Chrysene	13.998	228	502506	46.122	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	351511	51.734	ng	99
85) Di-n-octyl phthalate	14.574	149	569362	56.730	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	541709	52.989	ng	99
88) Benzo(b)fluoranthene	15.015	252	464073	46.125	ng	99
89) Benzo(k)fluoranthene	15.051	252	418980	44.188	ng	98
90) Benzo(a)pyrene	15.392	252	396360	47.703	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	441702	52.740	ng	99
92) Benzo(g,h,i)perylene	17.415	276	458694	53.360	ng	100

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

Quant Time: Dec 20 03:14:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 03:10:16 2023
Response via : Initial Calibration

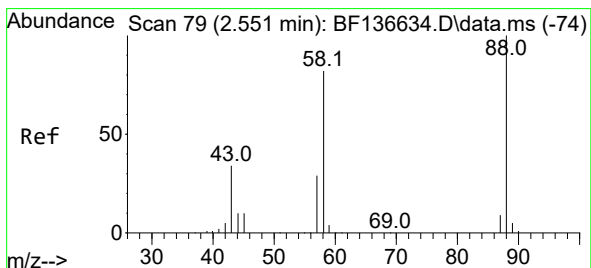
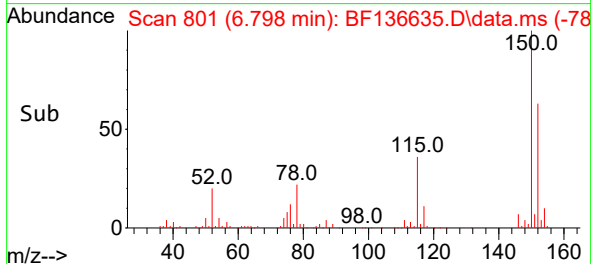
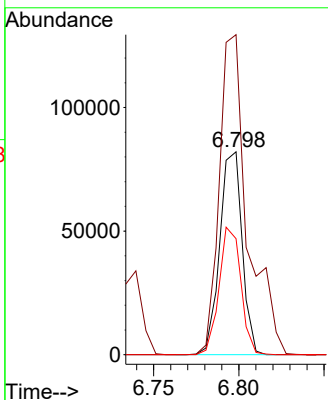
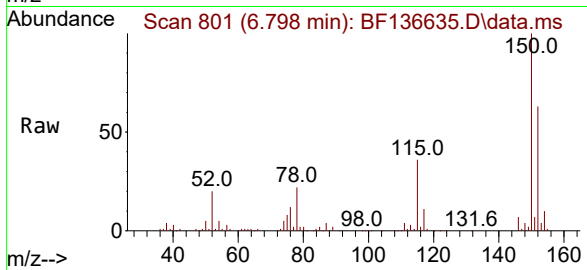




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40

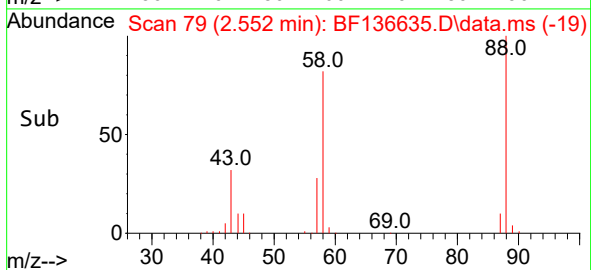
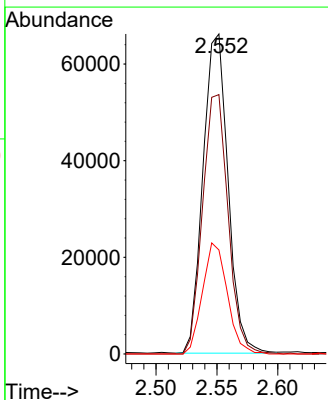
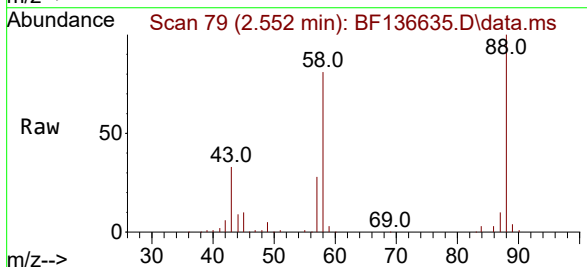
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

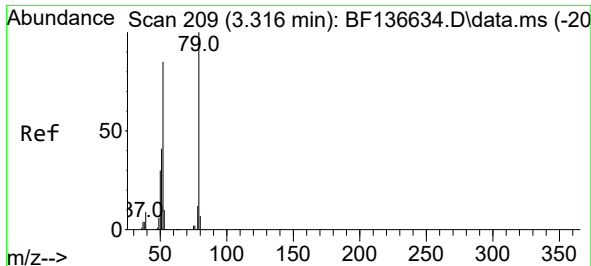
Tgt Ion:152 Resp: 75170
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.3 187.9
 115 57.2 46.4 69.6



#2
 1,4-Dioxane
 Concen: 47.079 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40

Tgt Ion: 88 Resp: 94780
 Ion Ratio Lower Upper
 88 100
 58 82.5 63.3 94.9
 43 34.5 26.4 39.6

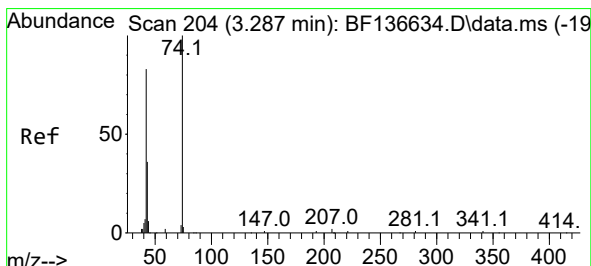
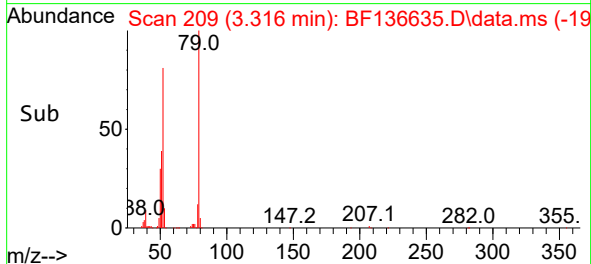
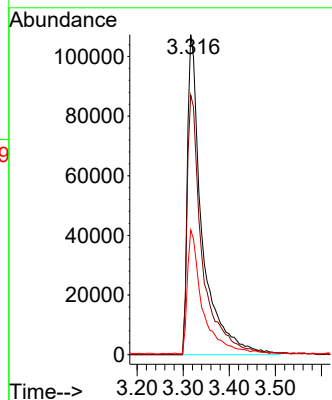
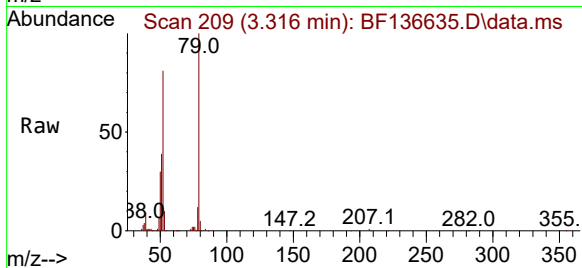




#3
 Pyridine
 Concen: 49.048 ng
 RT: 3.316 min Scan# 209
 Delta R.T. 0.000 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40

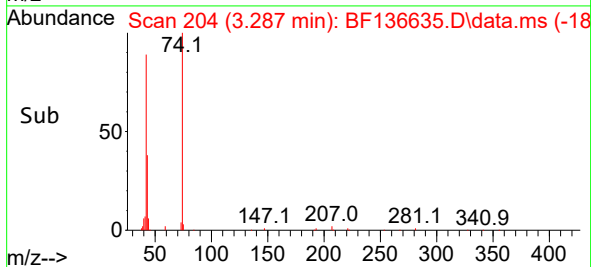
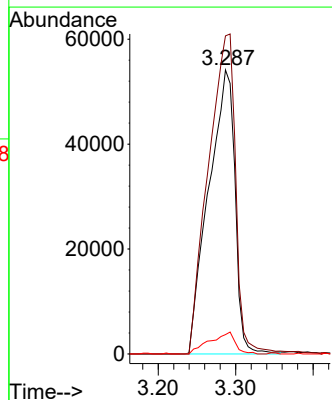
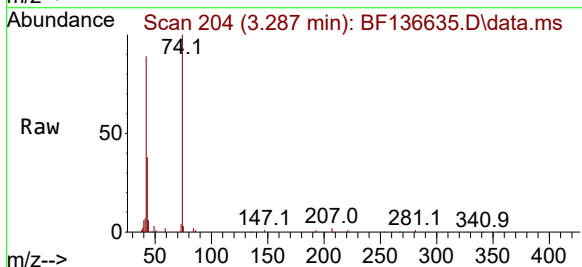
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

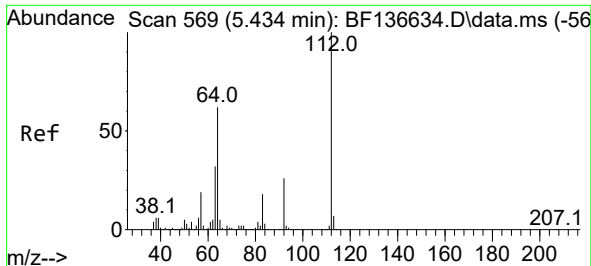
Tgt Ion: 79 Resp: 239131
 Ion Ratio Lower Upper
 79 100
 52 81.1 67.6 101.4
 51 39.0 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 60.245 ng
 RT: 3.287 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40

Tgt Ion: 42 Resp: 127609
 Ion Ratio Lower Upper
 42 100
 74 112.0 96.2 144.4
 44 6.8 5.7 8.5

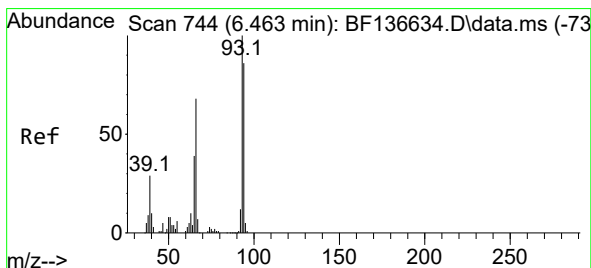
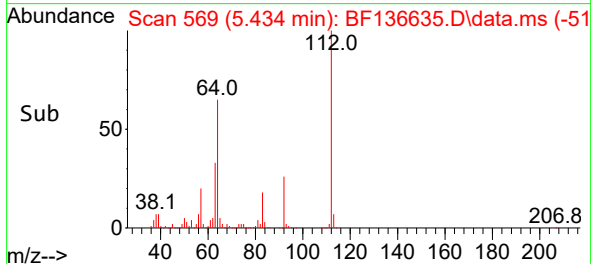
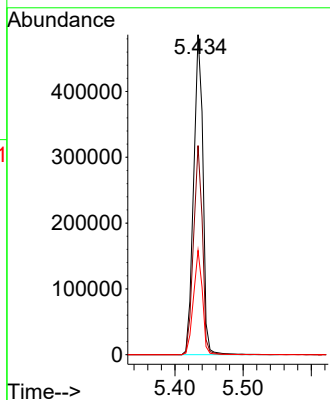
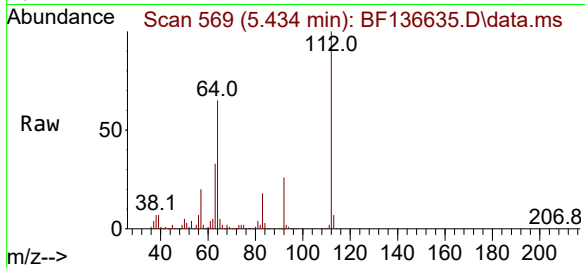




#5
2-Fluorophenol
Concen: 90.011 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

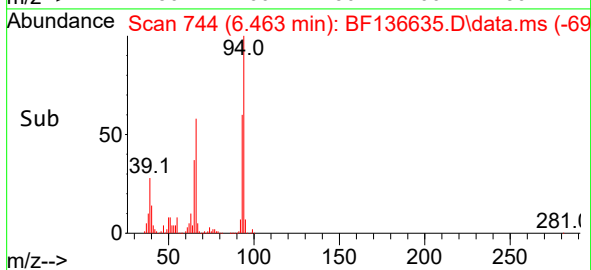
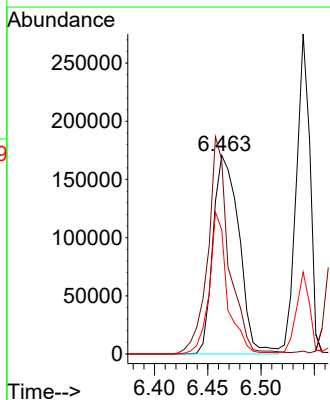
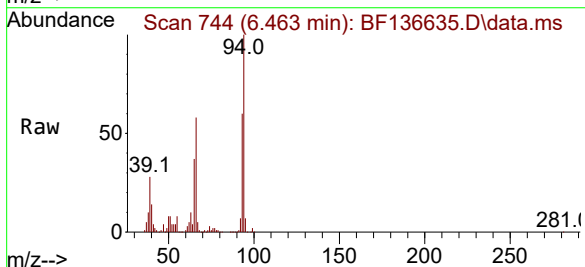
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

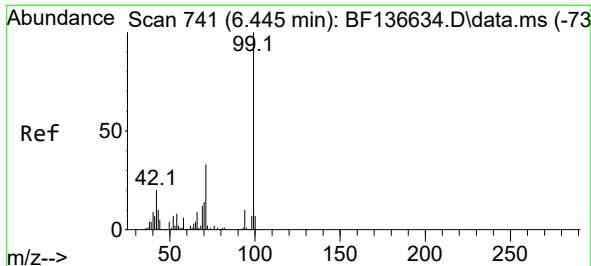
Tgt Ion:112 Resp: 458153
Ion Ratio Lower Upper
112 100
64 65.3 49.7 74.5
63 32.6 25.8 38.6



#6
Aniline
Concen: 45.124 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion: 93 Resp: 289603
Ion Ratio Lower Upper
93 100
66 97.7 55.5 83.3#
65 62.5 31.5 47.3#





#7

Phenol-d6

Concen: 91.778 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

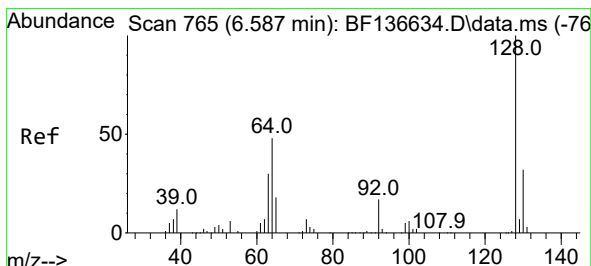
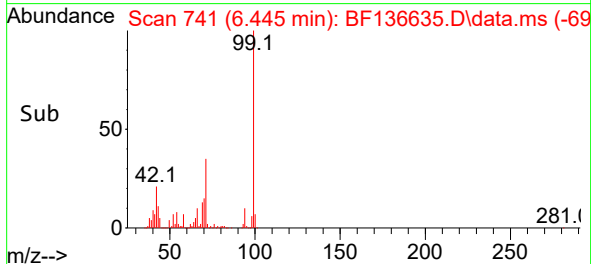
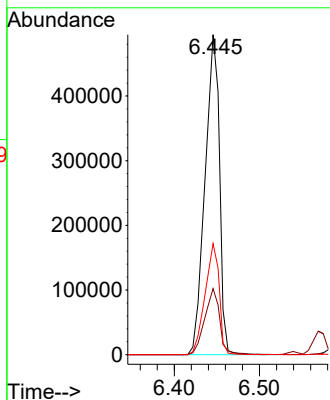
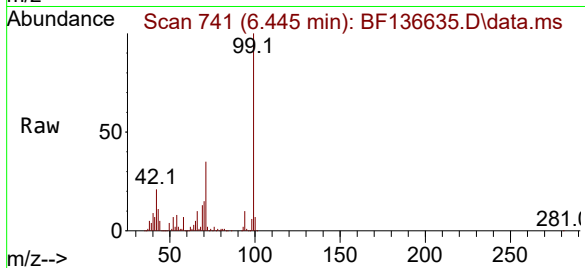
Tgt Ion: 99 Resp: 582835

Ion Ratio Lower Upper

99 100

42 20.6 16.2 24.4

71 34.7 26.6 39.8



#8

2-Chlorophenol

Concen: 44.713 ng

RT: 6.587 min Scan# 765

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

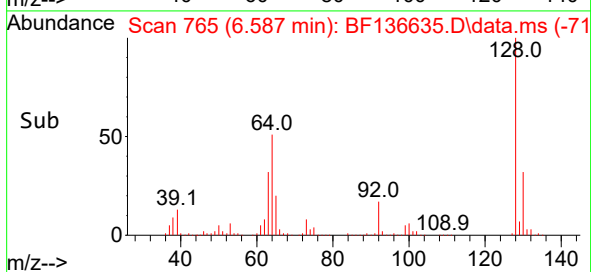
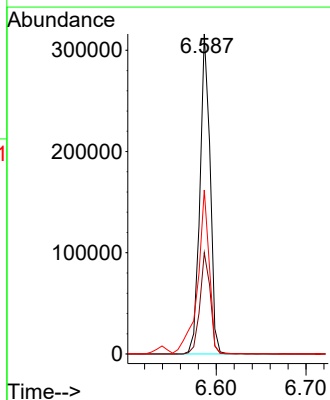
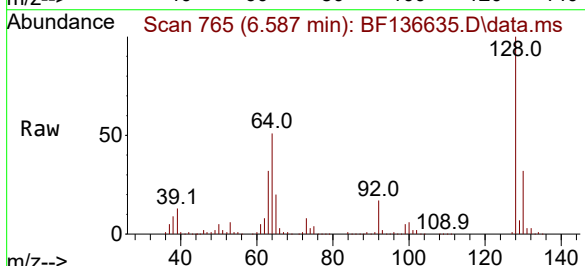
Tgt Ion:128 Resp: 248460

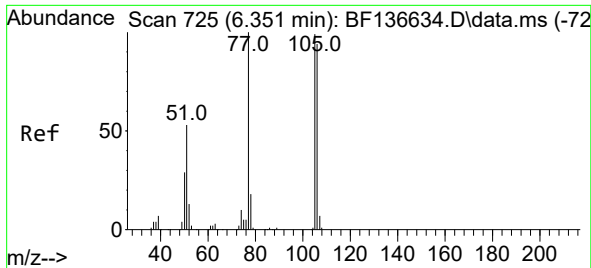
Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

64 51.2 29.2 69.2

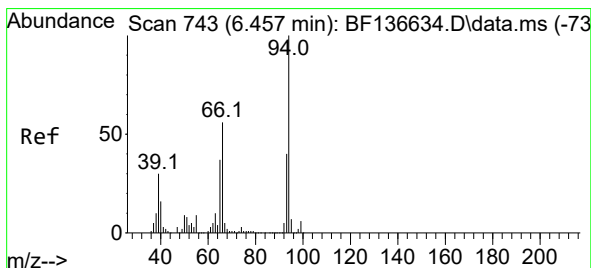
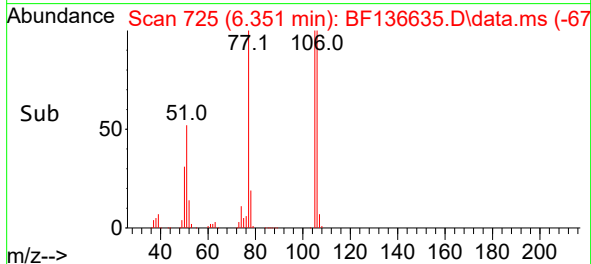
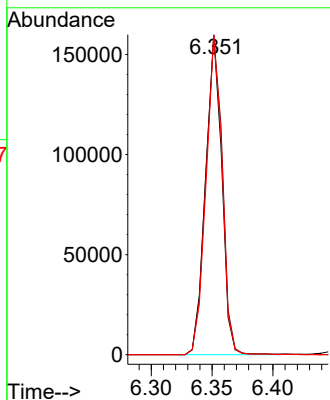
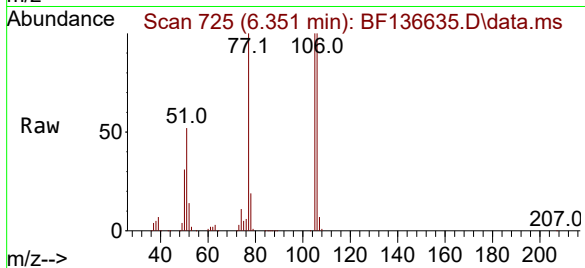




#9
Benzaldehyde
Concen: 43.641 ng
RT: 6.351 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

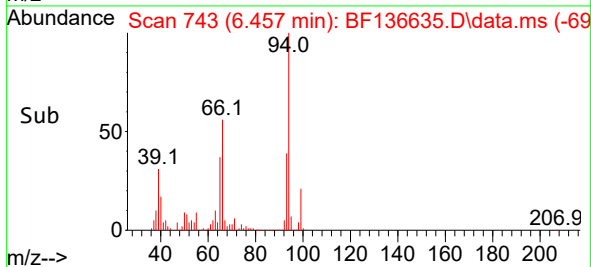
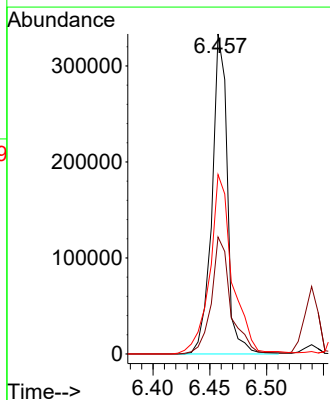
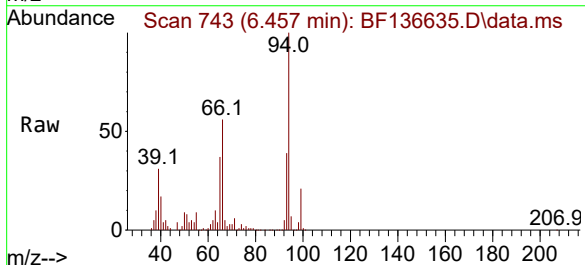
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

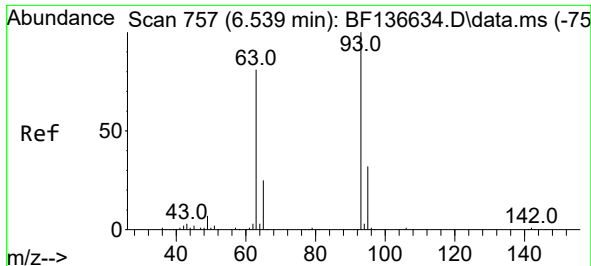
Tgt Ion: 77 Resp: 147018
Ion Ratio Lower Upper
77 100
105 100.0 79.2 119.2
106 100.1 73.6 113.6



#10
Phenol
Concen: 46.423 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion: 94 Resp: 313708
Ion Ratio Lower Upper
94 100
65 36.6 16.8 56.8
66 56.0 36.2 76.2

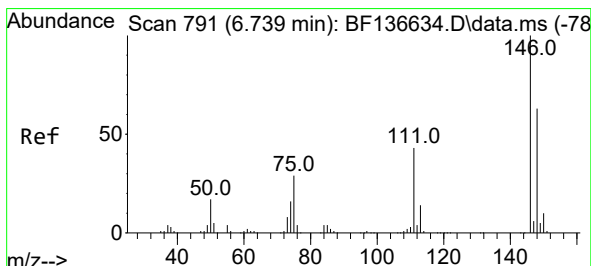
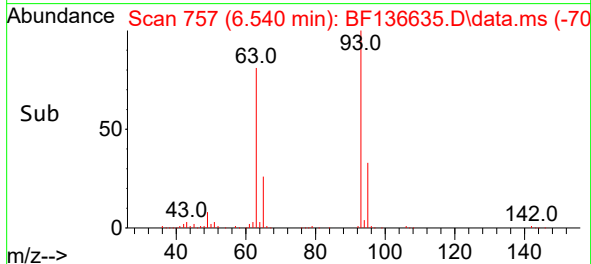
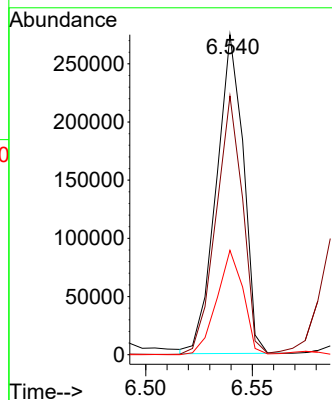
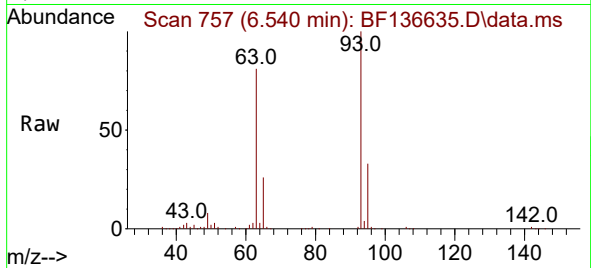




#11
bis(2-Chloroethyl)ether
Concen: 48.002 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

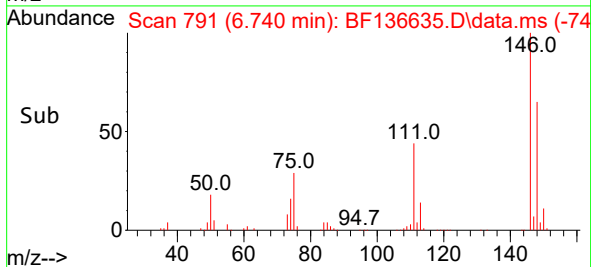
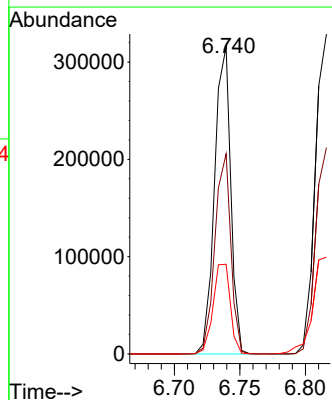
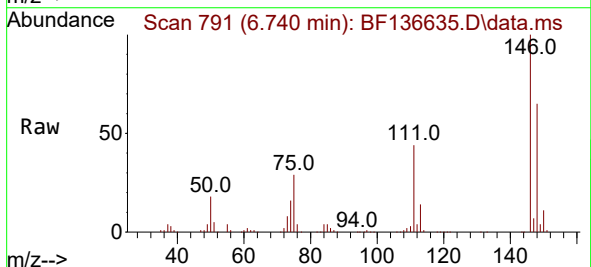
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

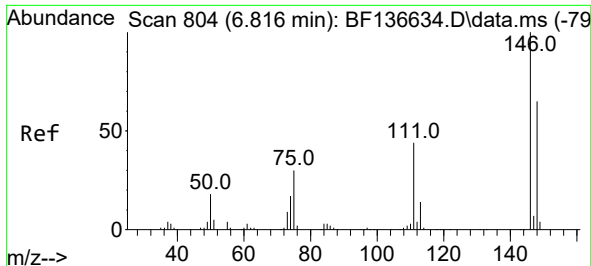
Tgt Ion: 93 Resp: 241784
Ion Ratio Lower Upper
93 100
63 80.9 59.7 99.7
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.302 ng
RT: 6.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion: 146 Resp: 270598
Ion Ratio Lower Upper
146 100
148 65.1 50.3 75.5
75 29.2 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 43.326 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

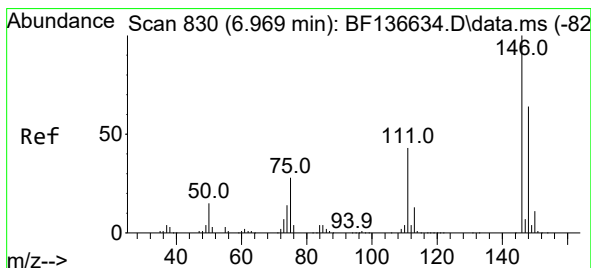
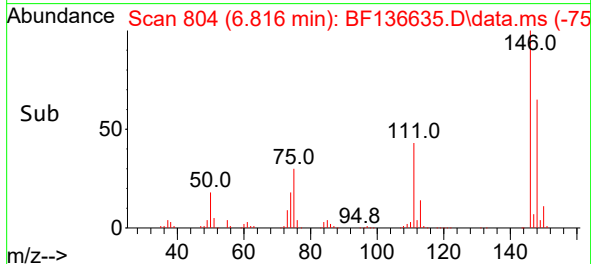
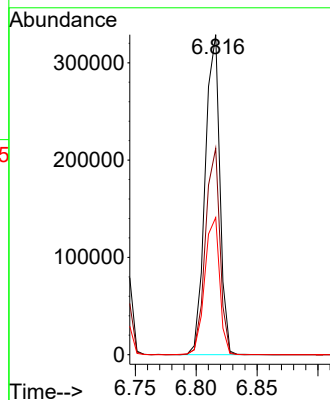
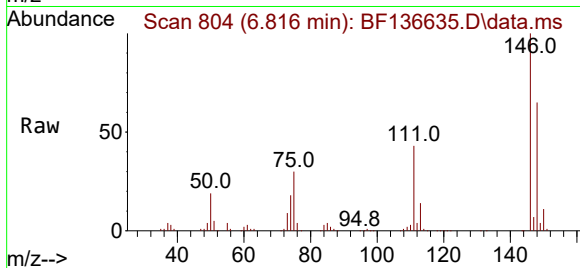
Tgt Ion:146 Resp: 274650

Ion Ratio Lower Upper

146 100

148 64.5 51.7 77.5

111 42.9 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 43.256 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

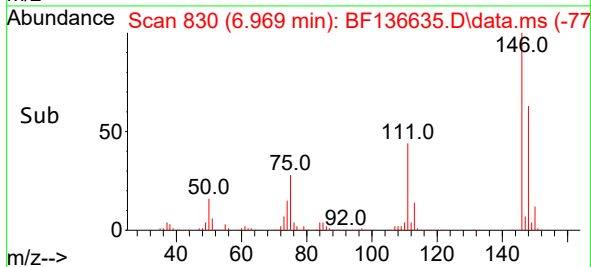
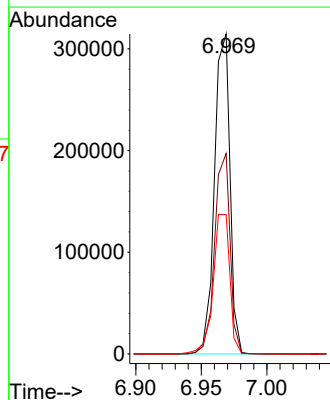
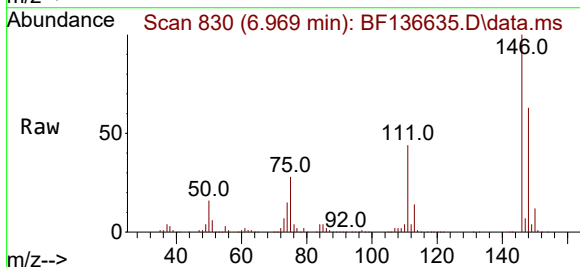
Tgt Ion:146 Resp: 257852

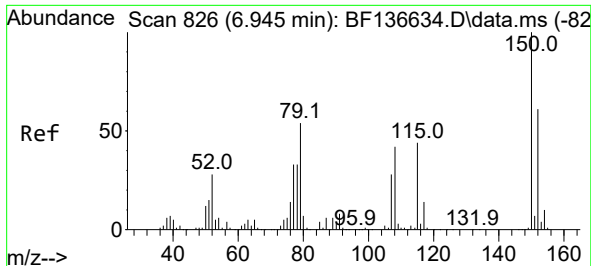
Ion Ratio Lower Upper

146 100

148 62.6 50.9 76.3

111 43.6 34.5 51.7

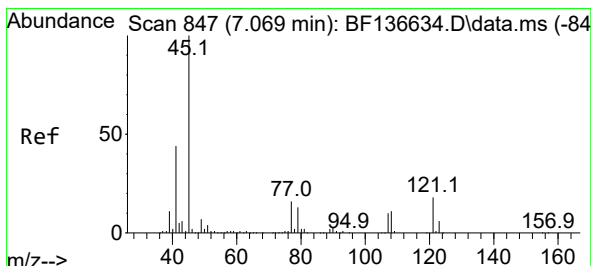
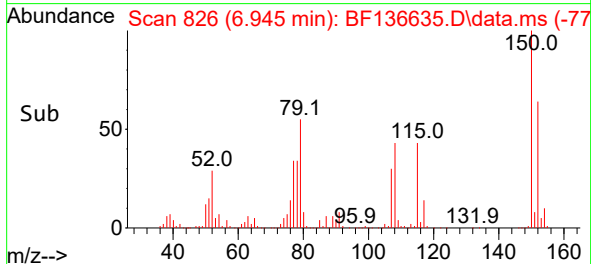
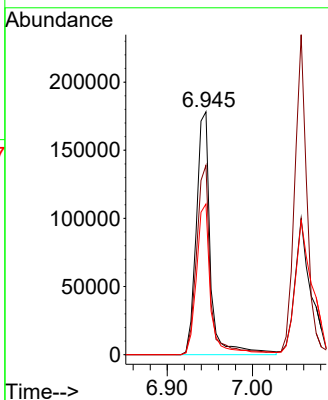
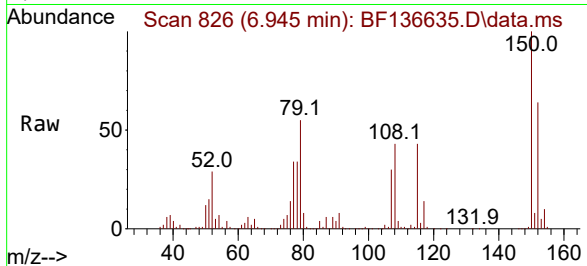




#15
Benzyl Alcohol
Concen: 48.255 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

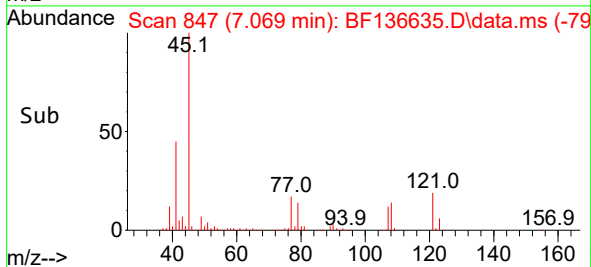
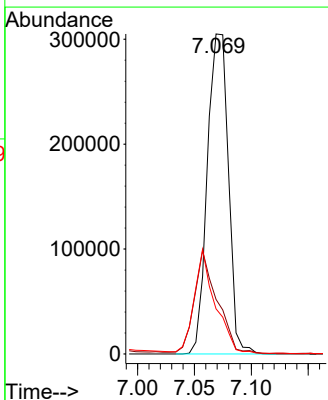
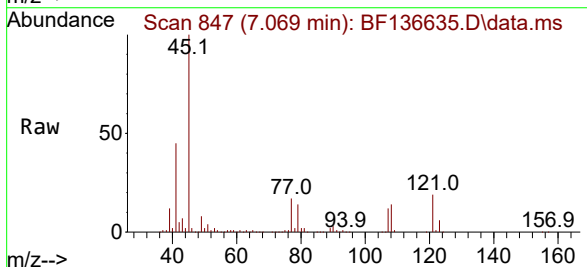
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

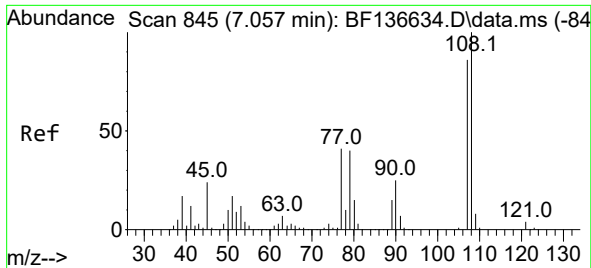
Tgt Ion: 79 Resp: 205203
Ion Ratio Lower Upper
79 100
108 78.0 62.3 93.5
77 62.1 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.664 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion: 45 Resp: 392999
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.5
79 14.1 0.0 33.7

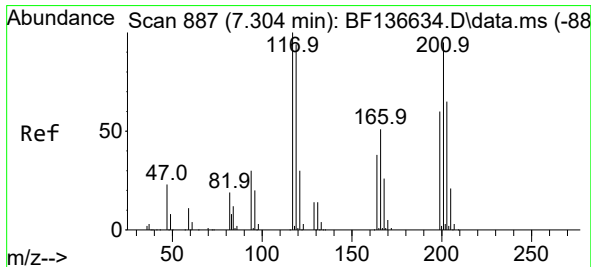
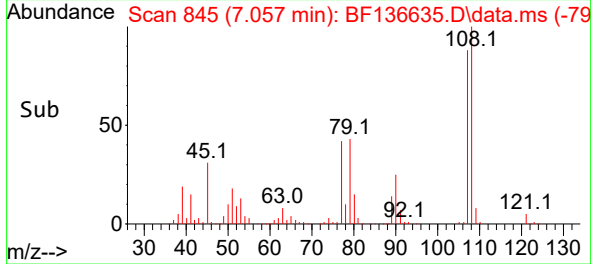
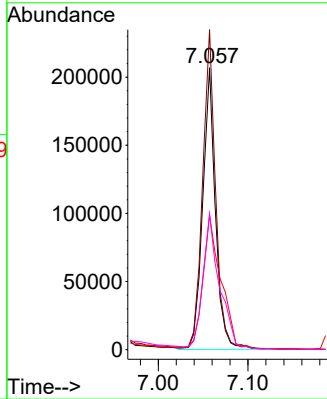
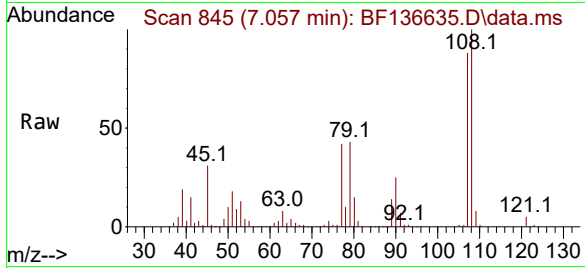




#17
2-Methylphenol
Concen: 45.692 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

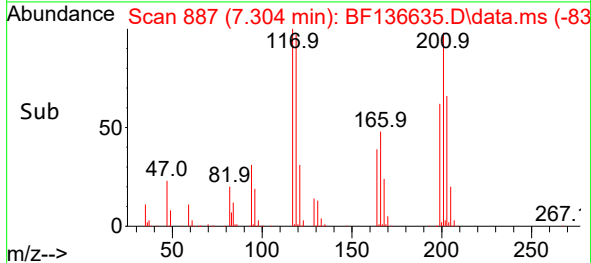
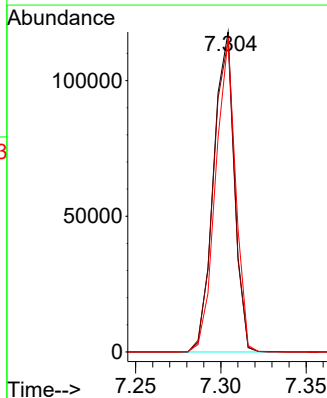
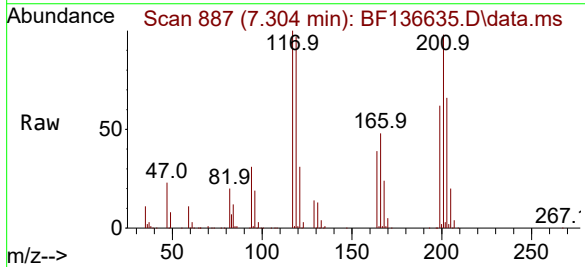
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

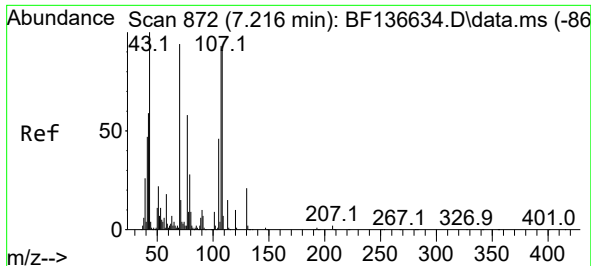
Tgt Ion:	107	Resp:	205124
Ion	Ratio	Lower	Upper
107	100		
108	113.5	92.6	139.0
77	47.7	37.9	56.9
79	48.3	37.4	56.2



#18
Hexachloroethane
Concen: 45.326 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:	117	Resp:	100317
Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.6	113.4
201	98.1	75.7	113.5



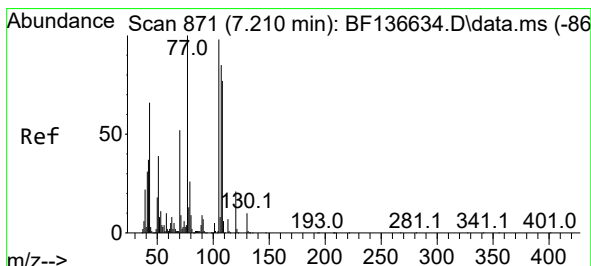
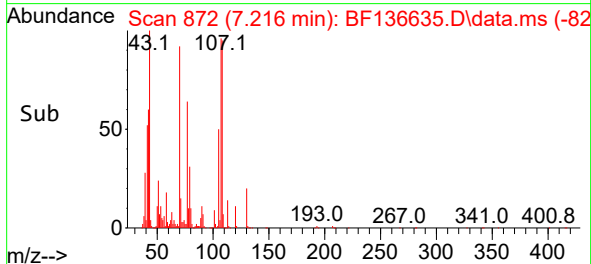
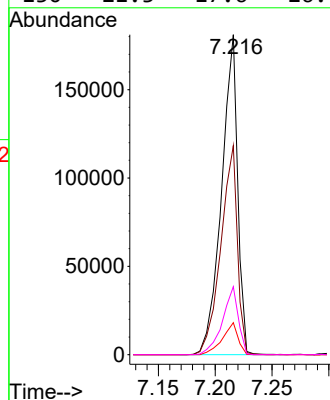
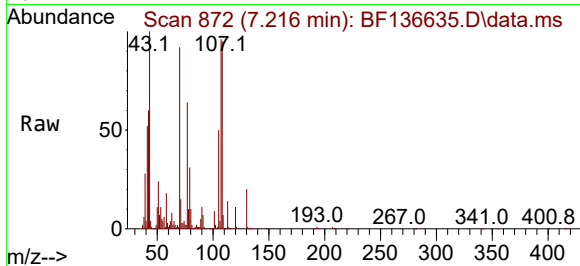


#19
n-Nitroso-di-n-propylamine
Concen: 48.831 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 178883

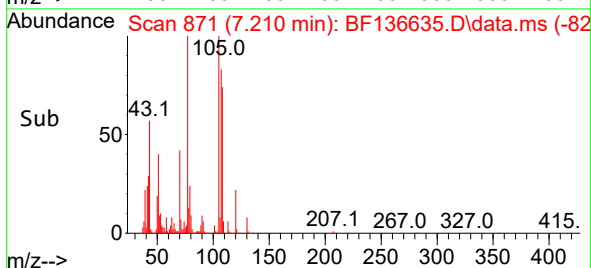
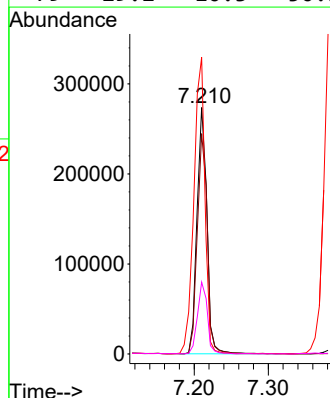
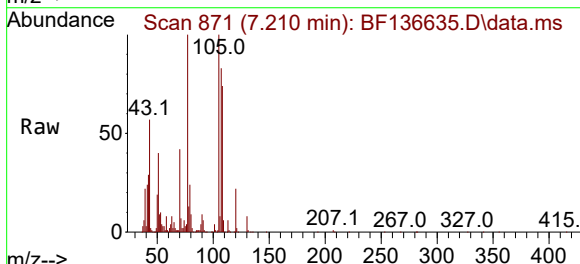
Ion	Ratio	Lower	Upper
70	100		
42	65.3	50.1	75.1
101	10.0	8.1	12.1
130	21.3	17.6	26.4

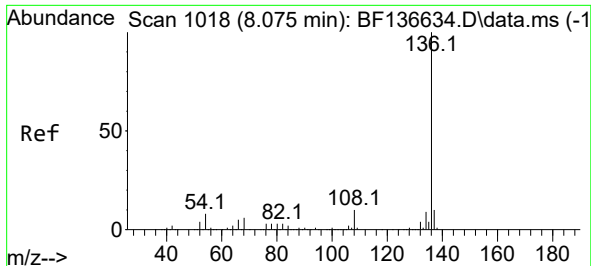


#20
3+4-Methylphenols
Concen: 45.226 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion: 107 Resp: 252007

Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.4	110.4
77	120.4	97.1	137.1
79	29.2	10.3	50.3

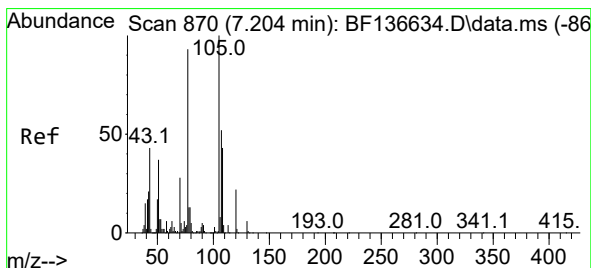
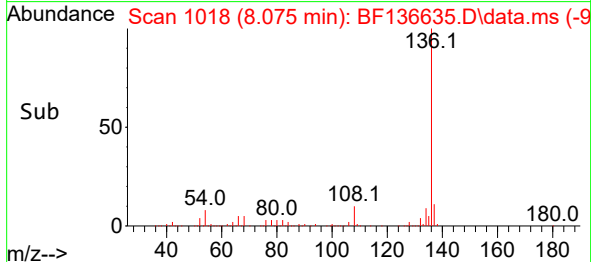
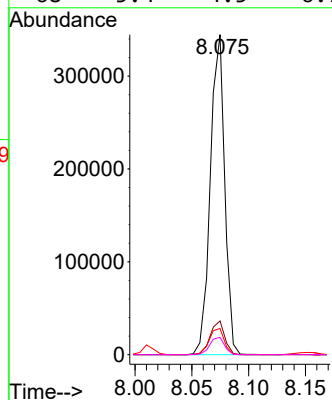
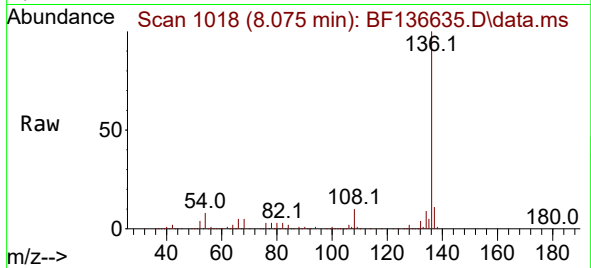




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

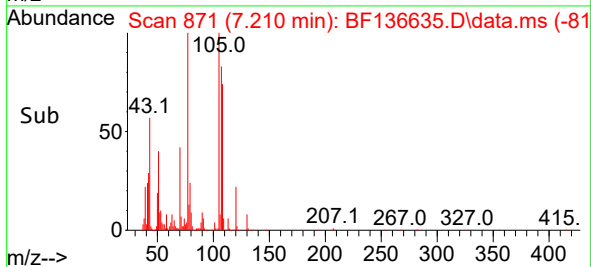
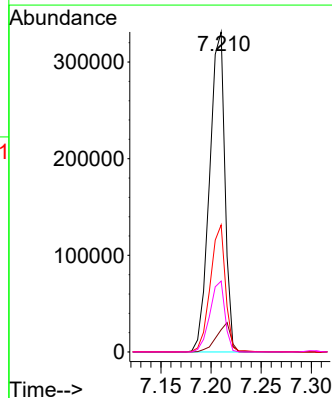
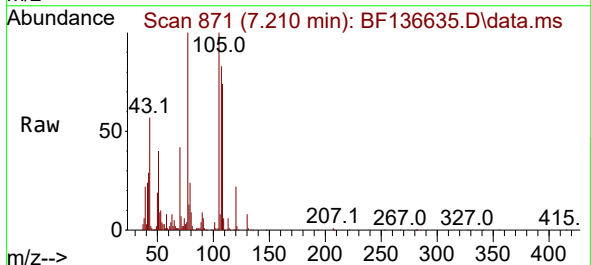
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

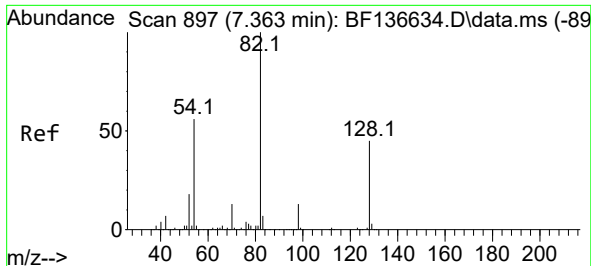
Tgt Ion:136 Resp: 302350
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 8.2 6.4 9.6
68 5.4 4.5 6.7



#22
Acetophenone
Concen: 47.170 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:105 Resp: 352180
Ion Ratio Lower Upper
105 100
71 7.0 3.8 5.6#
51 39.7 29.8 44.6
120 22.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 99.250 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

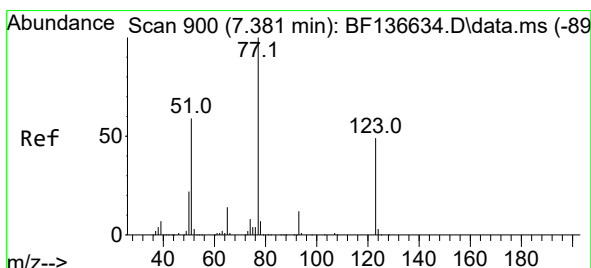
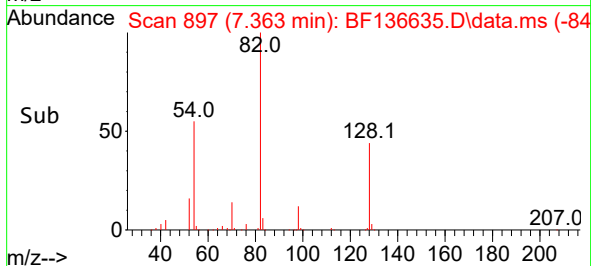
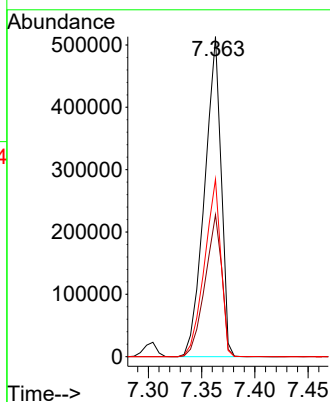
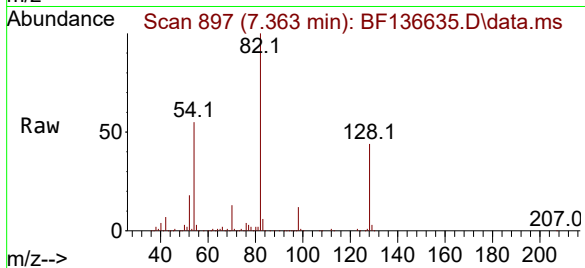
Tgt Ion: 82 Resp: 555088

Ion Ratio Lower Upper

82 100

128 44.4 35.7 53.5

54 55.4 44.5 66.7



#24

Nitrobenzene

Concen: 49.481 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

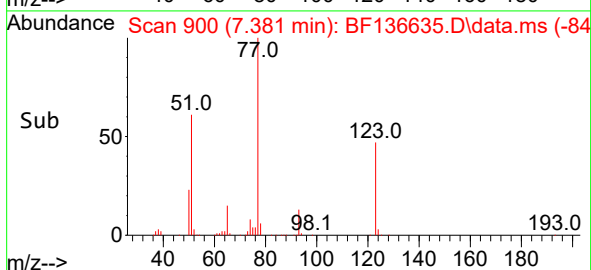
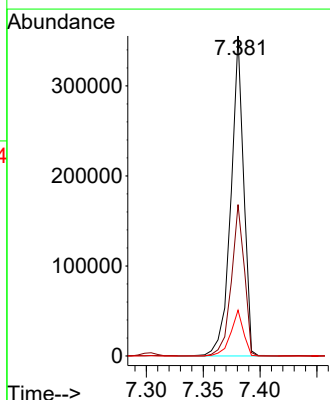
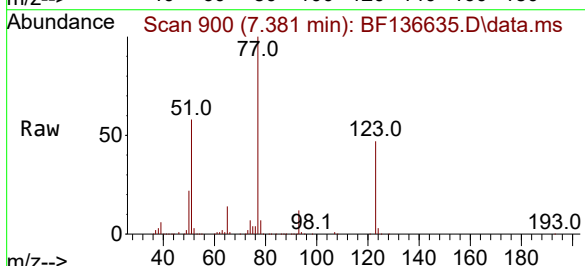
Tgt Ion: 77 Resp: 278393

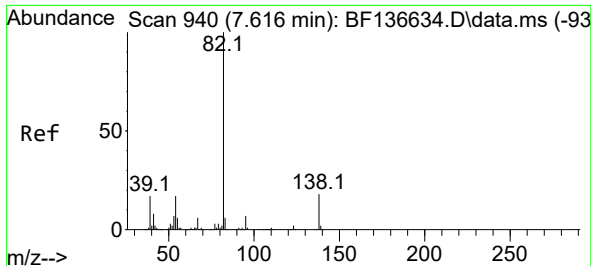
Ion Ratio Lower Upper

77 100

123 47.3 39.2 58.8

65 14.3 11.5 17.3

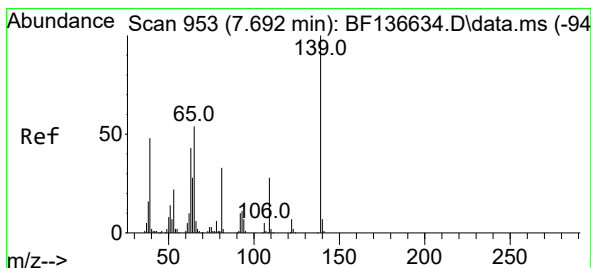
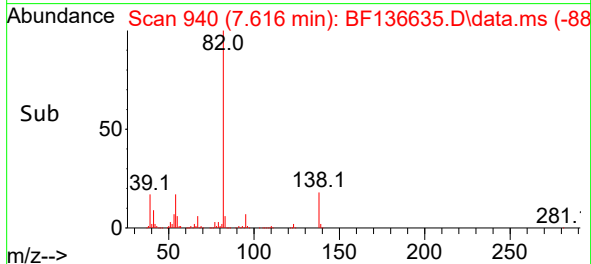
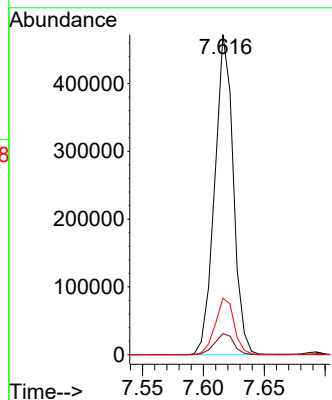
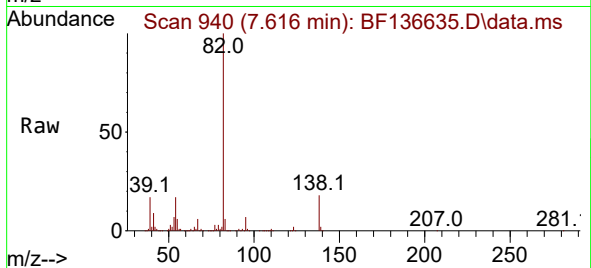




#25
Isophorone
Concen: 50.012 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

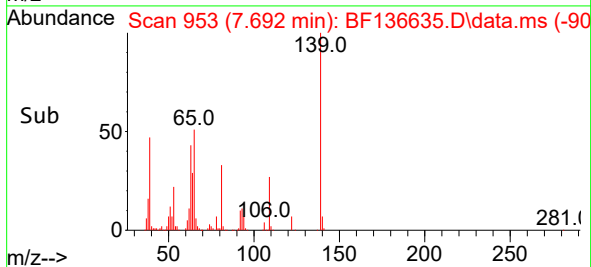
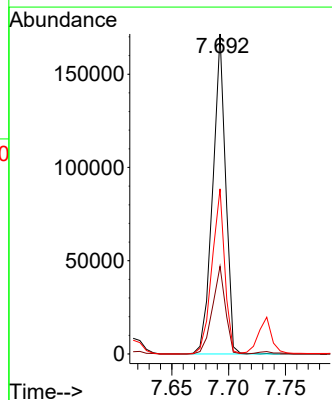
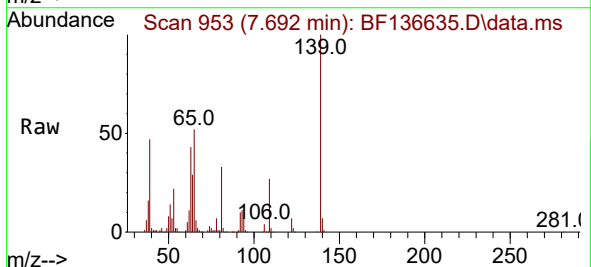
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

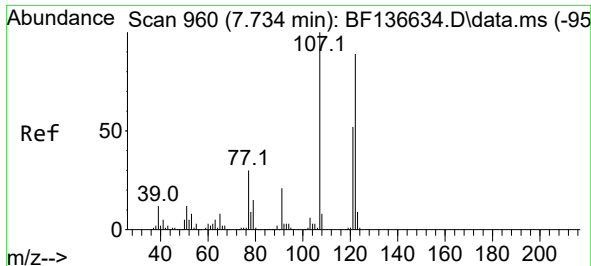
Tgt Ion: 82 Resp: 502521
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 17.6 14.2 21.4



#26
2-Nitrophenol
Concen: 48.854 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:139 Resp: 135129
Ion Ratio Lower Upper
139 100
109 27.4 22.4 33.6
65 51.6 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 47.900 ng

RT: 7.734 min Scan# 960

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

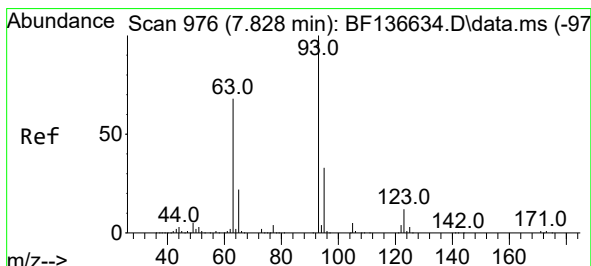
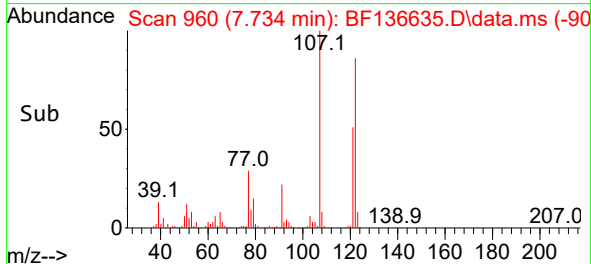
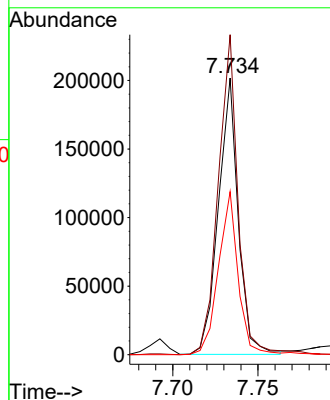
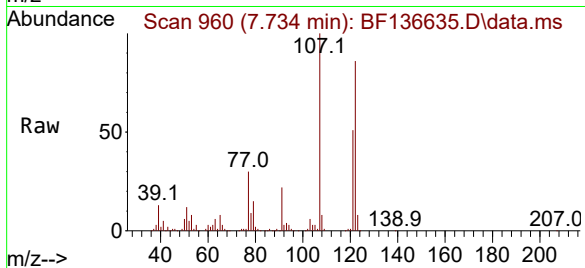
Tgt Ion:122 Resp: 163367

Ion Ratio Lower Upper

122 100

107 115.7 89.4 134.2

121 59.0 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 49.814 ng

RT: 7.828 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

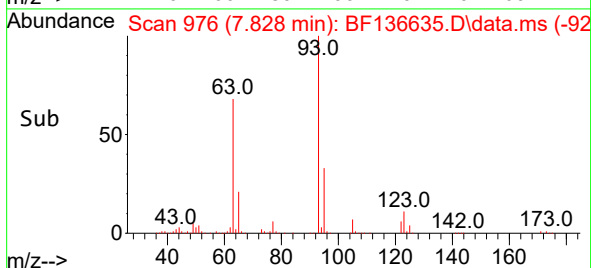
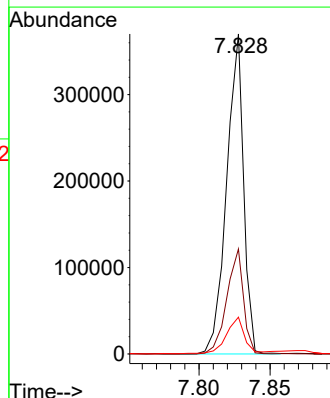
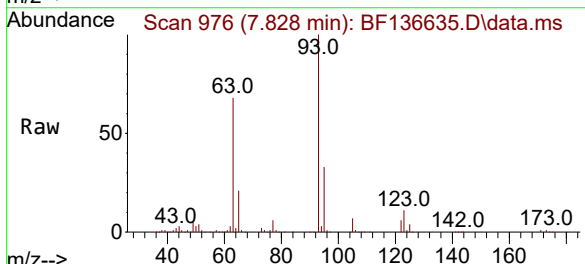
Tgt Ion: 93 Resp: 307570

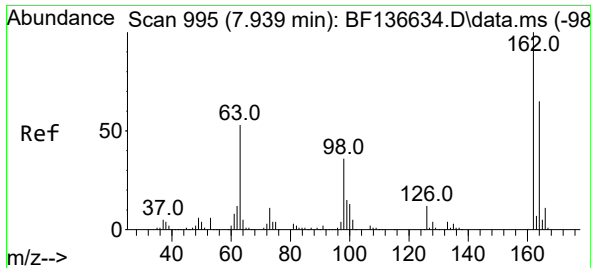
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 46.030 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

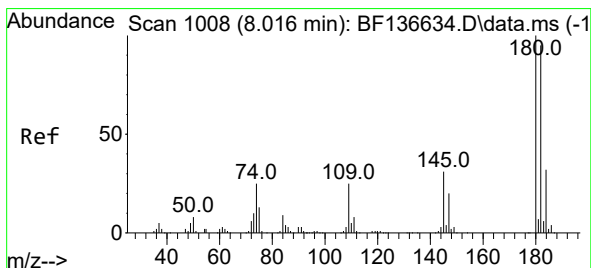
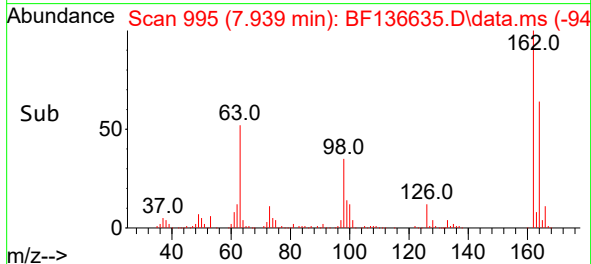
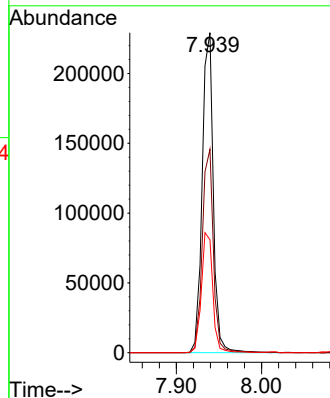
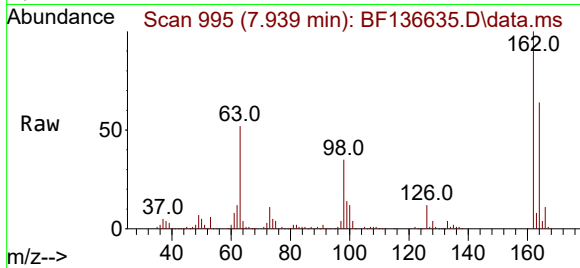
Tgt Ion:162 Resp: 207217

Ion Ratio Lower Upper

162 100

164 63.5 44.9 84.9

98 35.3 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 43.102 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

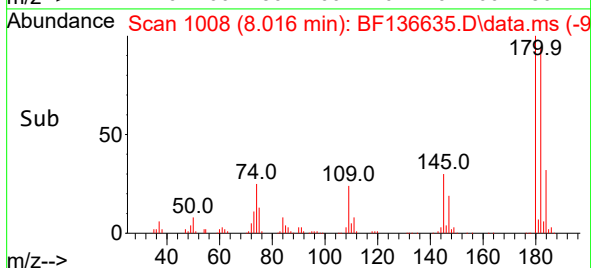
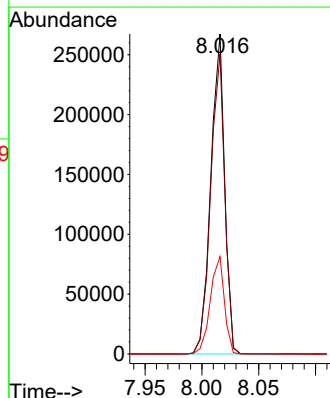
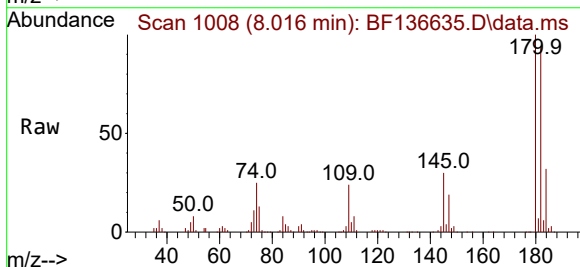
Tgt Ion:180 Resp: 226255

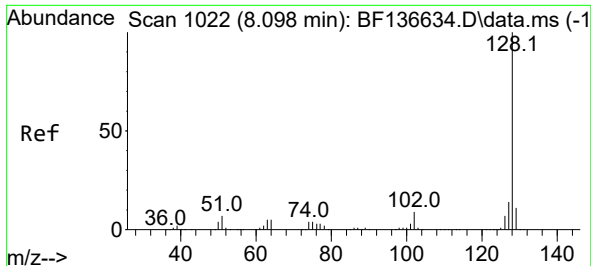
Ion Ratio Lower Upper

180 100

182 93.7 75.8 113.6

145 30.4 24.6 37.0

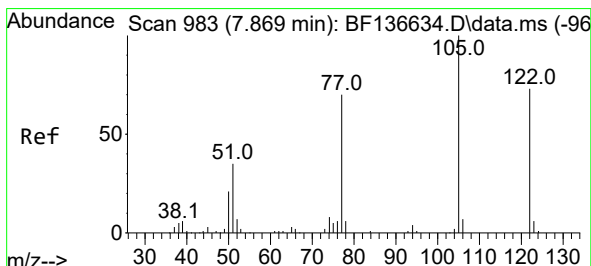
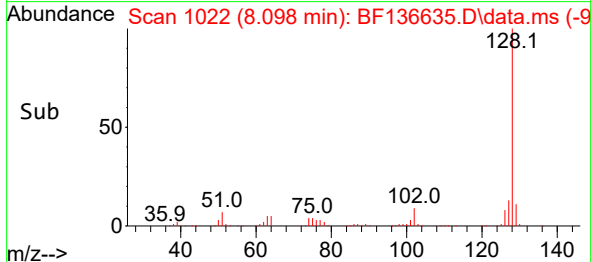
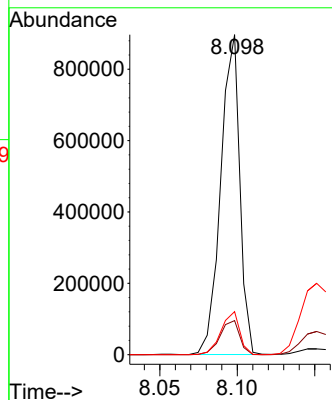
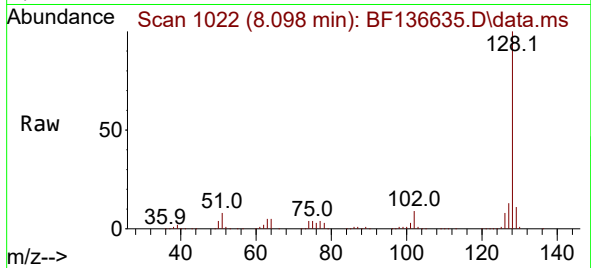




#31
Naphthalene
Concen: 45.851 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

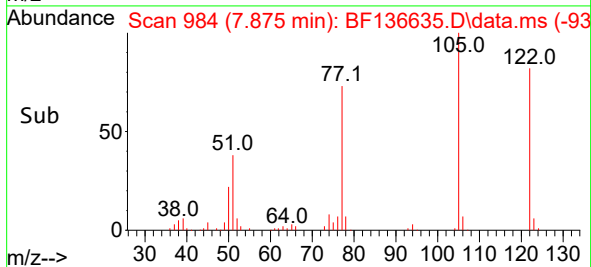
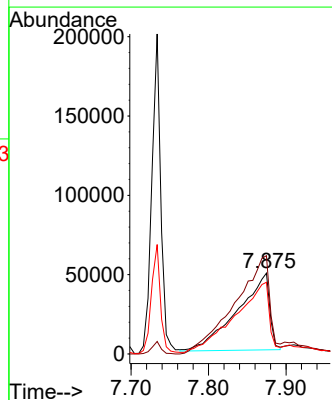
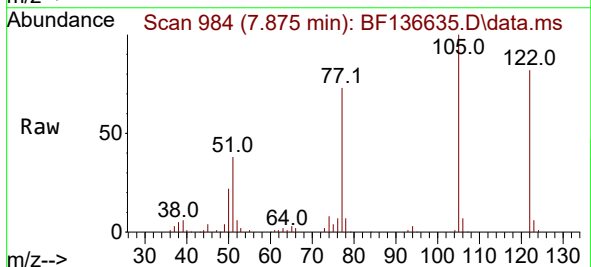
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

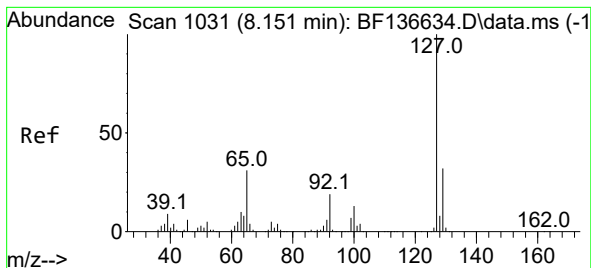
Tgt Ion:128 Resp: 764490
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 41.170 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:122 Resp: 139294
Ion Ratio Lower Upper
122 100
105 121.6 111.6 151.6
77 88.7 73.3 113.3





#33

4-Chloroaniline

Concen: 48.377 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 287562

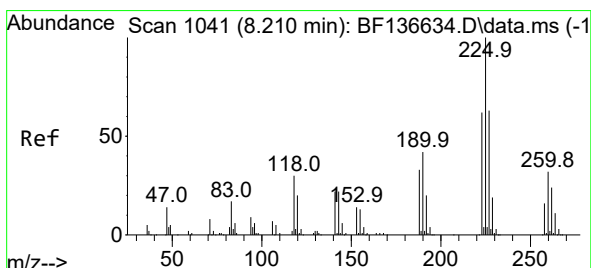
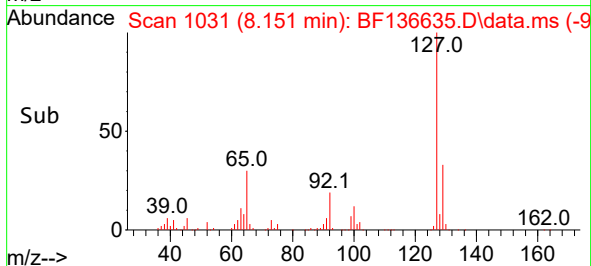
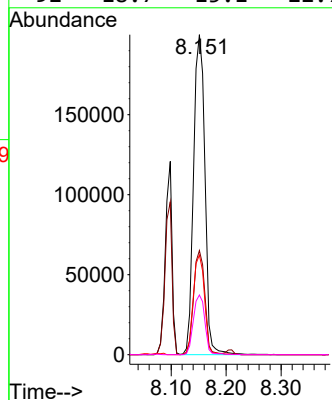
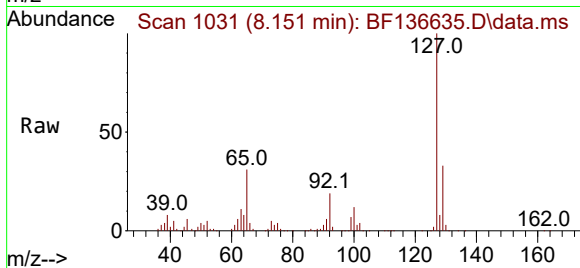
Ion Ratio Lower Upper

127 100

129 32.5 25.6 38.4

65 31.1 24.9 37.3

92 18.7 15.1 22.7



#34

Hexachlorobutadiene

Concen: 44.749 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

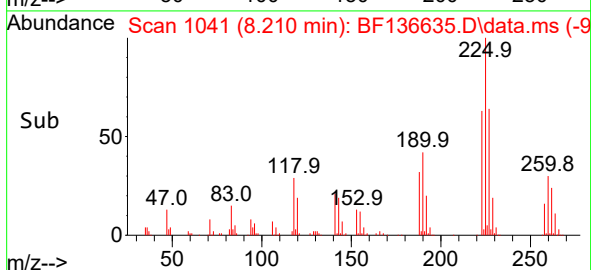
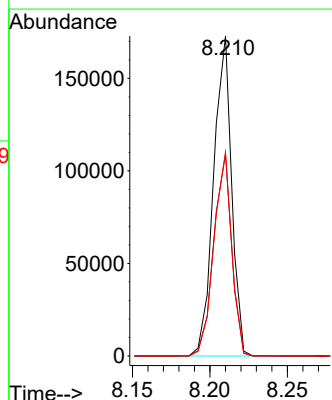
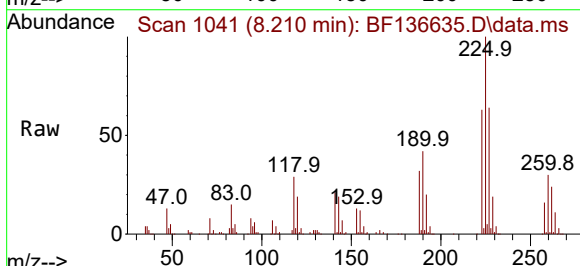
Tgt Ion:225 Resp: 139214

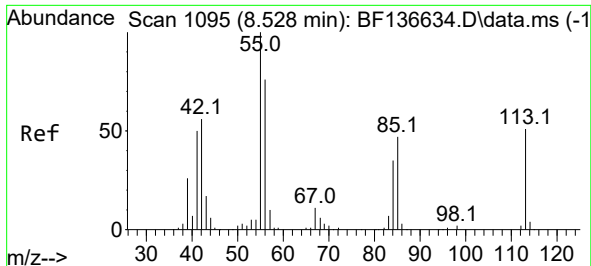
Ion Ratio Lower Upper

225 100

223 63.1 49.4 74.2

227 63.6 50.2 75.2

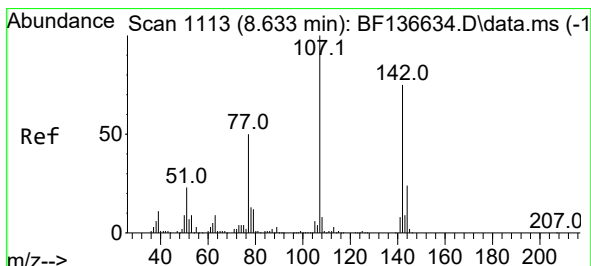
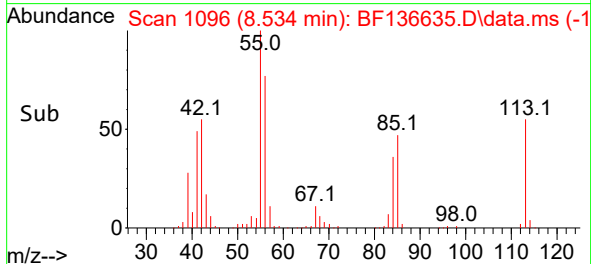
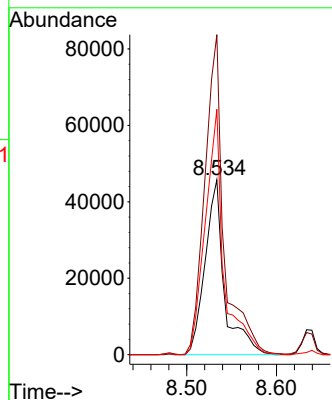
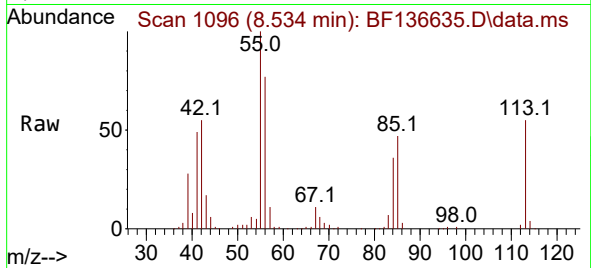




#35
 Caprolactam
 Concen: 49.479 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. 0.006 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40

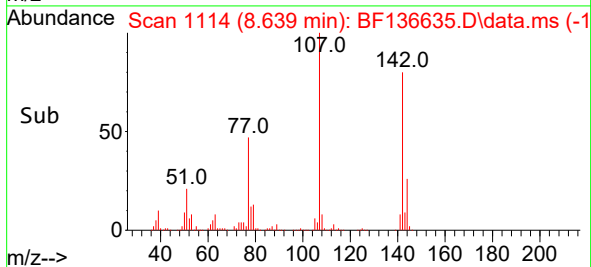
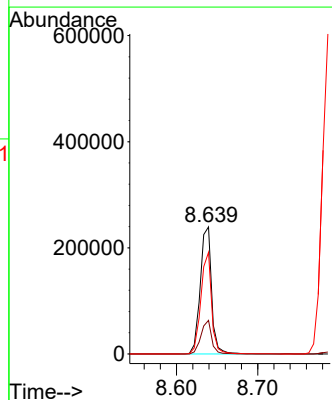
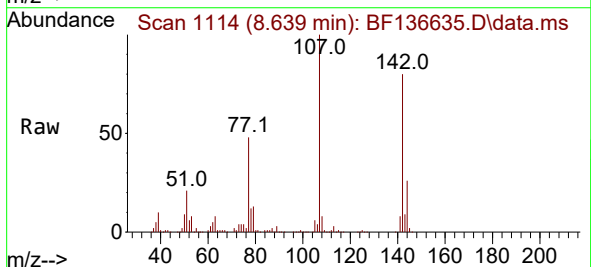
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

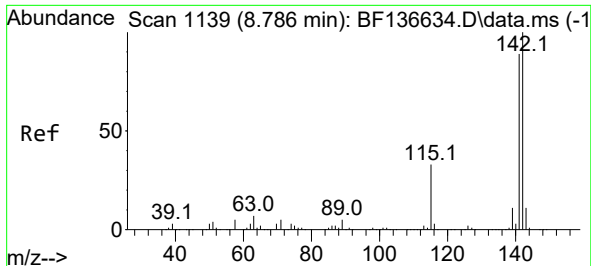
Tgt Ion:113 Resp: 68595
 Ion Ratio Lower Upper
 113 100
 55 182.9 174.3 214.3
 56 140.2 127.6 167.6



#36
 4-Chloro-3-methylphenol
 Concen: 48.887 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40

Tgt Ion:107 Resp: 233676
 Ion Ratio Lower Upper
 107 100
 144 26.4 19.0 28.6
 142 80.0 59.8 89.8

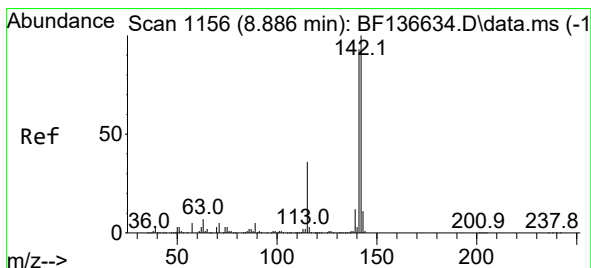
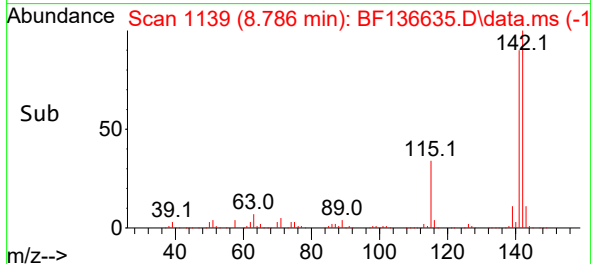
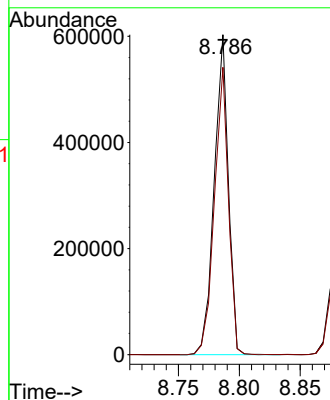
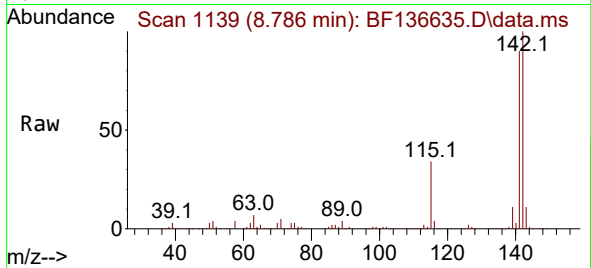




#37
2-Methylnaphthalene
Concen: 46.005 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

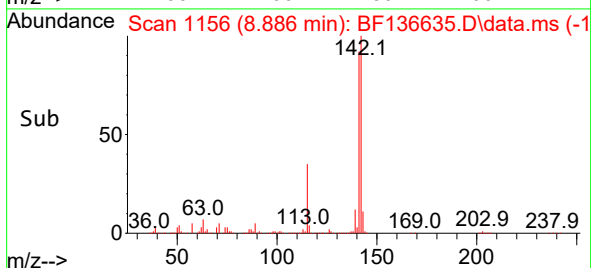
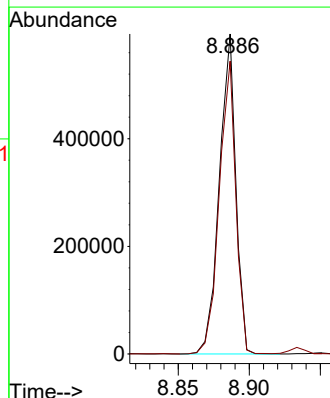
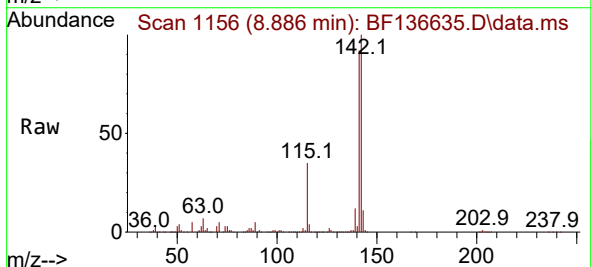
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

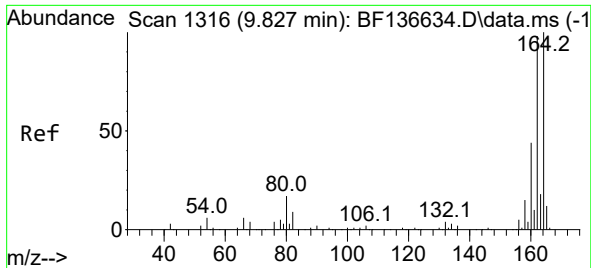
Tgt Ion:142 Resp: 488000
Ion Ratio Lower Upper
142 100
141 89.8 71.5 107.3



#38
1-Methylnaphthalene
Concen: 45.891 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:142 Resp: 477671
Ion Ratio Lower Upper
142 100
141 91.5 74.6 112.0

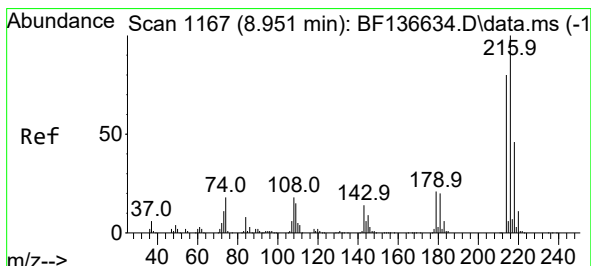
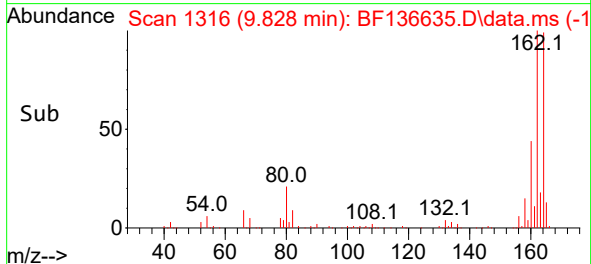
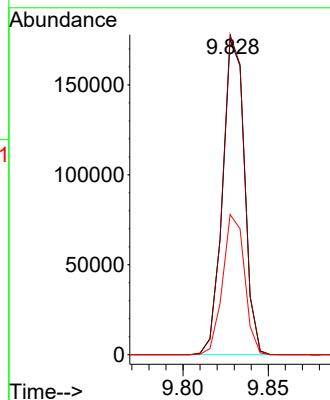
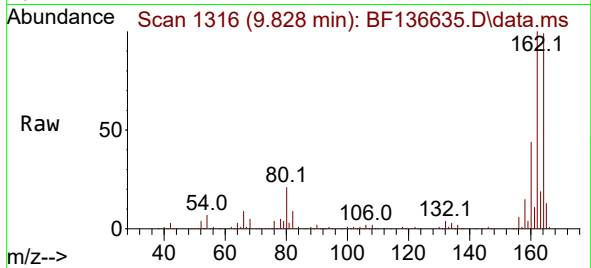




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

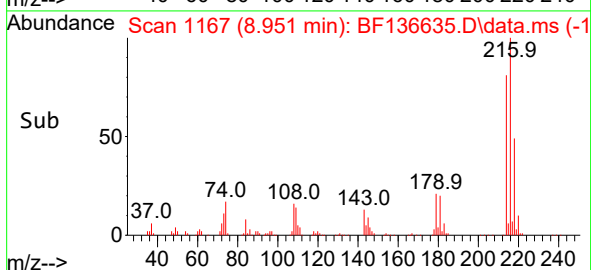
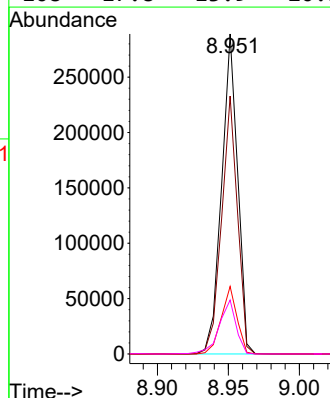
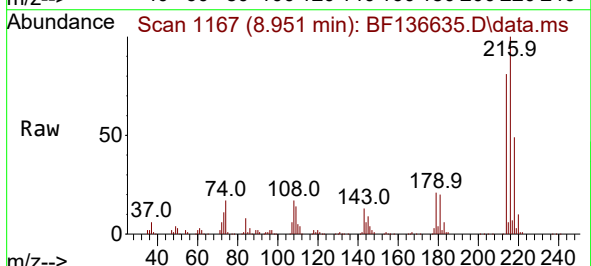
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

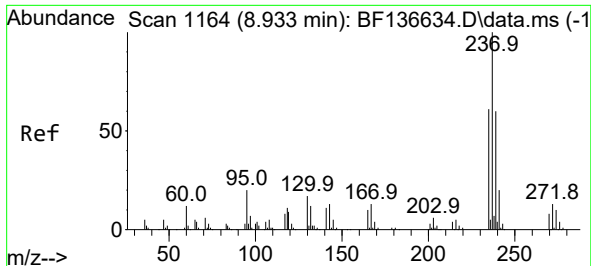
Tgt Ion:164 Resp: 156681
Ion Ratio Lower Upper
164 100
162 101.4 78.4 117.6
160 44.4 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.448 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

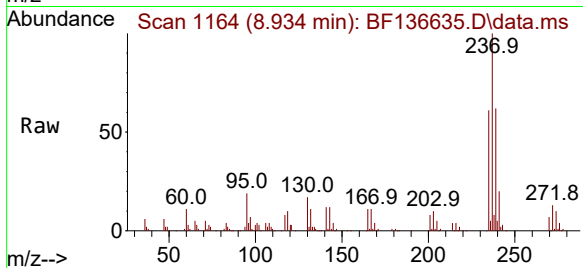
Tgt Ion:216 Resp: 226415
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.2
179 20.8 16.5 24.7
108 17.8 13.9 20.9



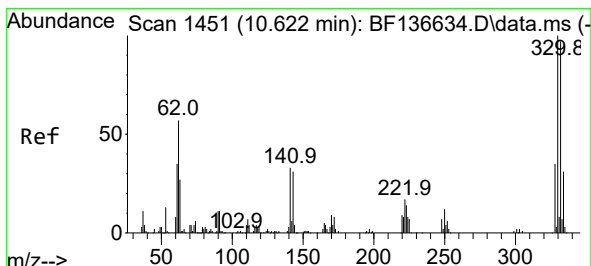
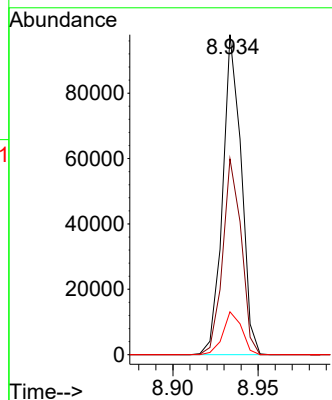
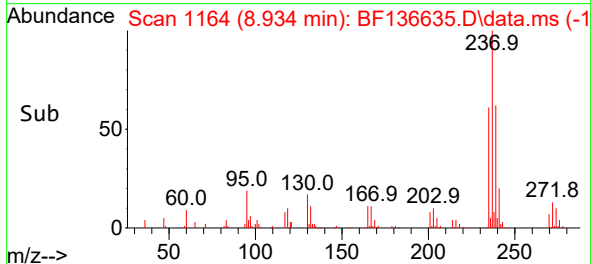


#41
Hexachlorocyclopentadiene
Concen: 41.059 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

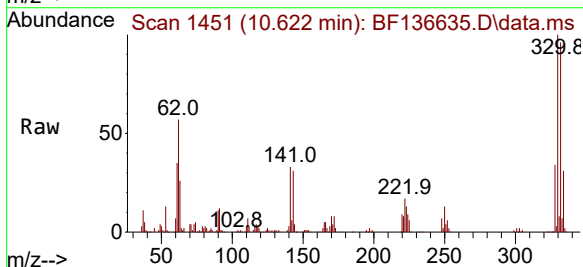
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



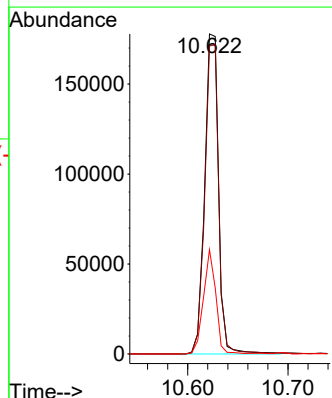
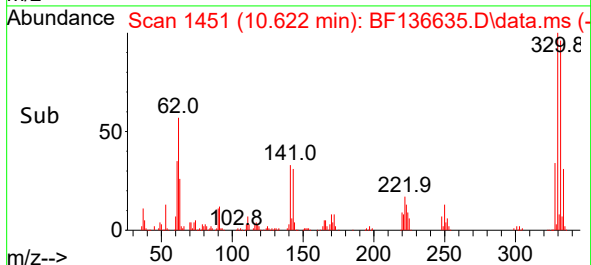
Tgt Ion:237 Resp: 74148
Ion Ratio Lower Upper
237 100
235 61.2 41.4 81.4
272 13.4 0.0 32.8

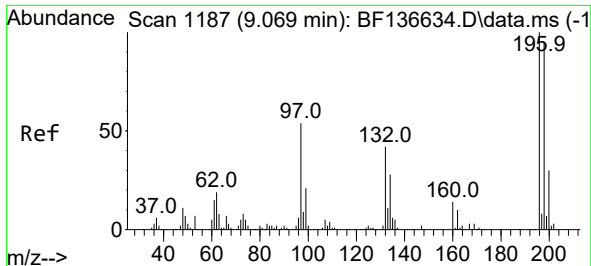


#42
2,4,6-Tribromophenol
Concen: 89.173 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



Tgt Ion:330 Resp: 172273
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 29.2 23.4 35.0

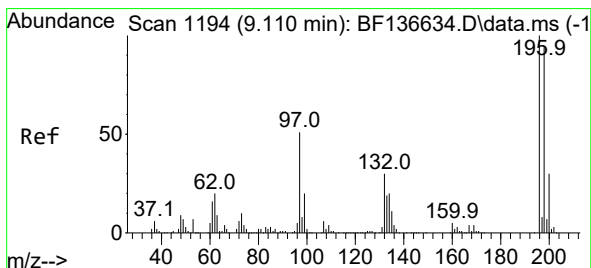
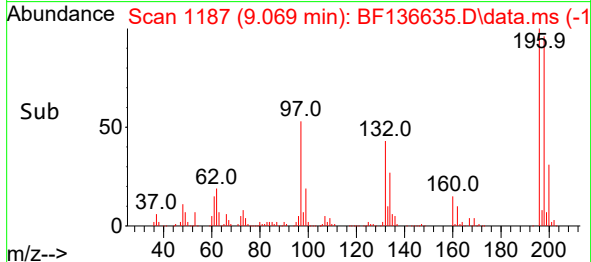
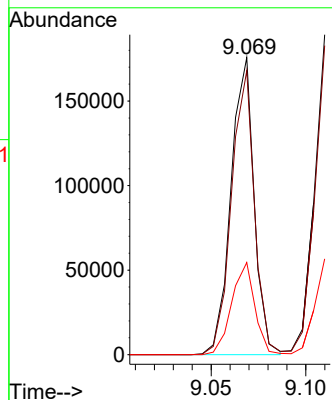
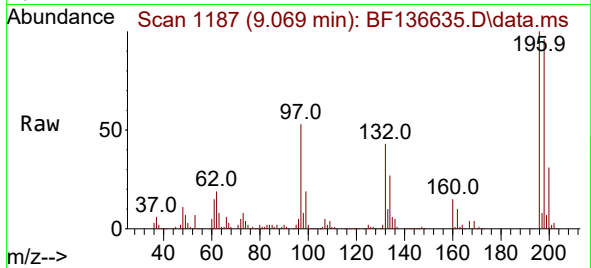




#43
 2,4,6-Trichlorophenol
 Concen: 46.958 ng
 RT: 9.069 min Scan# 1187
 Delta R.T. 0.000 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40

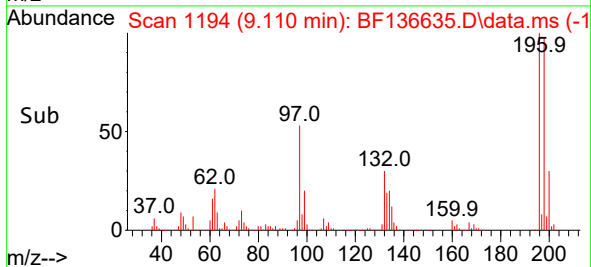
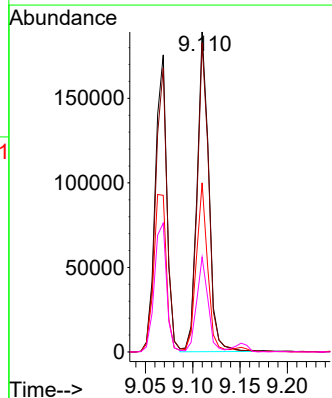
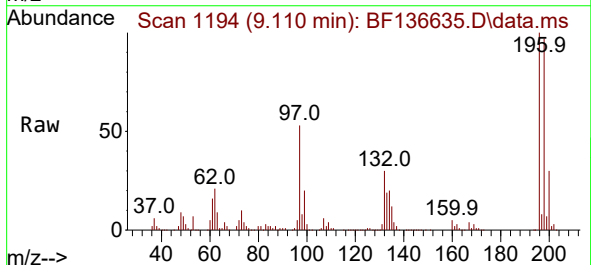
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

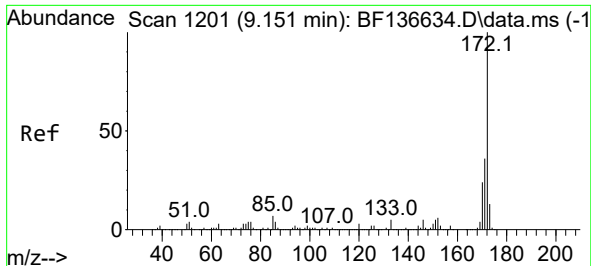
Tgt Ion:196 Resp: 149042
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.2 114.2
 200 31.0 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 46.199 ng
 RT: 9.110 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40

Tgt Ion:196 Resp: 163658
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.4 113.0
 97 52.8 41.0 61.6
 132 29.6 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 92.759 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

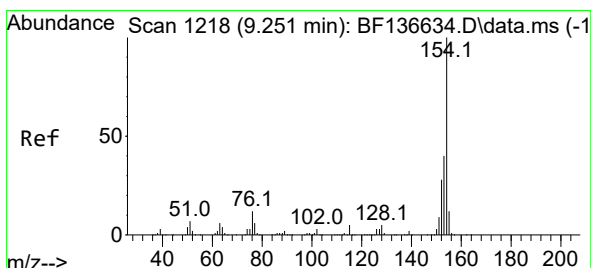
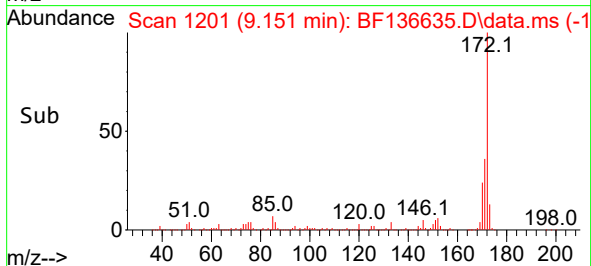
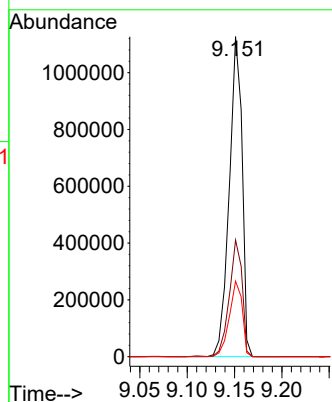
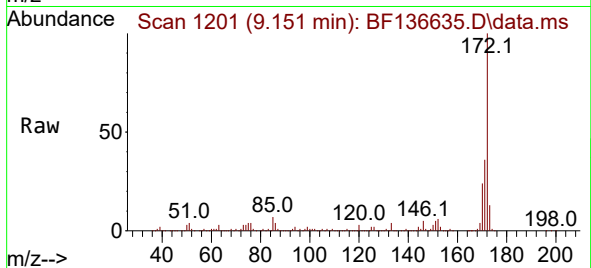
Tgt Ion:172 Resp: 1065118

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 45.725 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

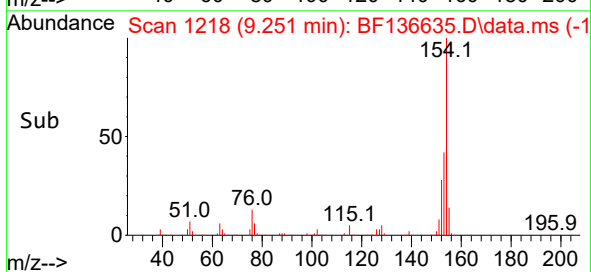
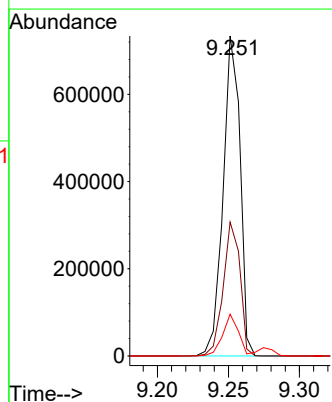
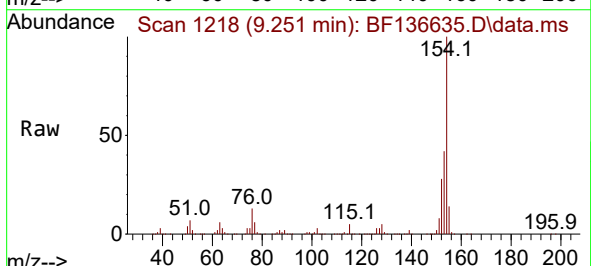
Tgt Ion:154 Resp: 609607

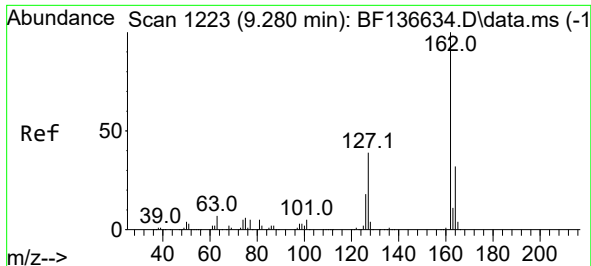
Ion Ratio Lower Upper

154 100

153 41.8 20.5 60.5

76 13.0 0.0 32.2





#47

2-Chloronaphthalene

Concen: 45.144 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

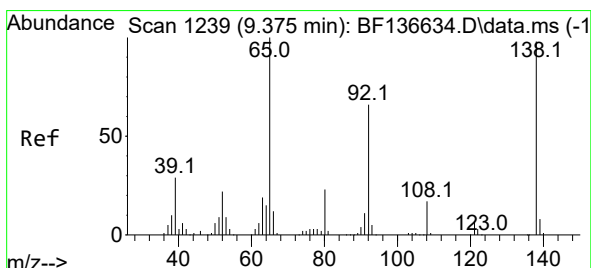
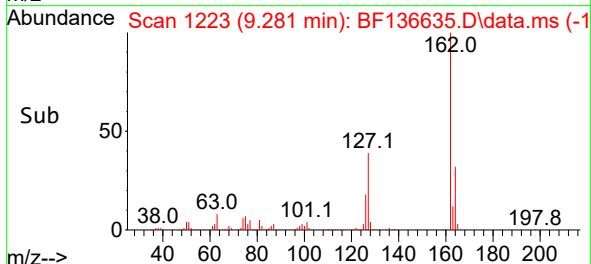
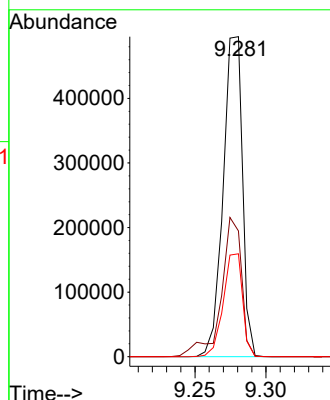
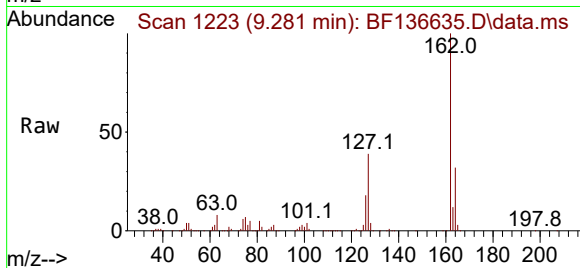
Tgt Ion:162 Resp: 468439

Ion Ratio Lower Upper

162 100

127 39.3 31.8 47.6

164 32.1 26.0 39.0



#48

2-Nitroaniline

Concen: 54.211 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

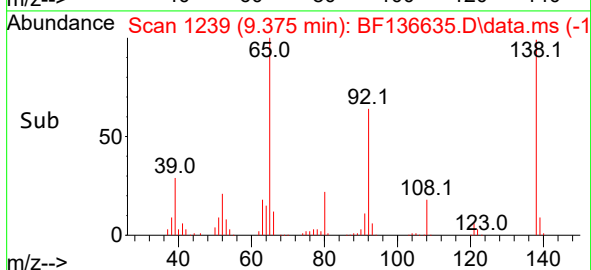
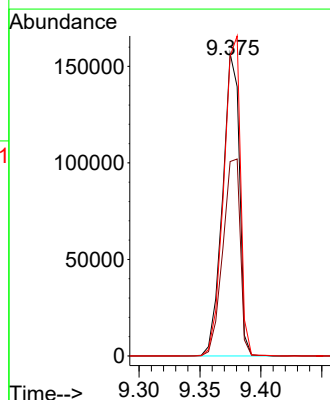
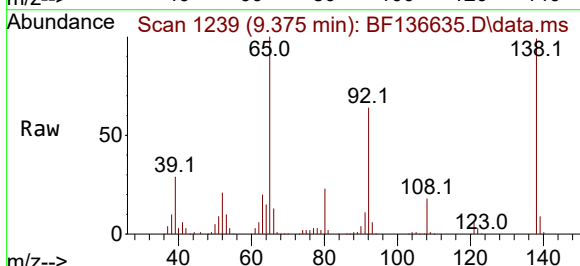
Tgt Ion: 65 Resp: 150870

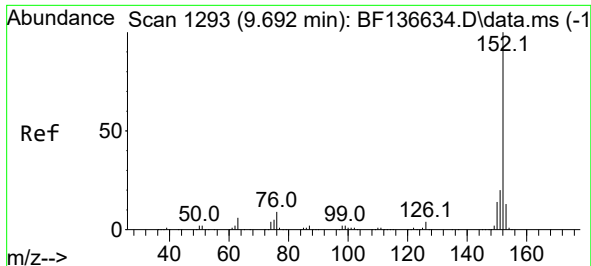
Ion Ratio Lower Upper

65 100

92 64.3 52.6 79.0

138 99.1 78.2 117.2





#49

Acenaphthylene

Concen: 48.212 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

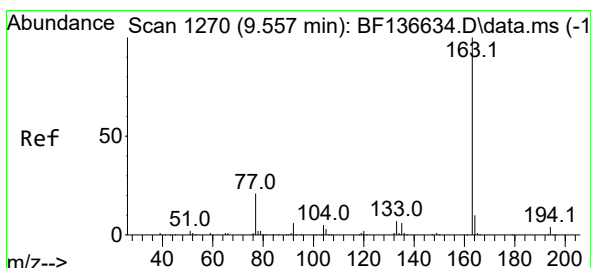
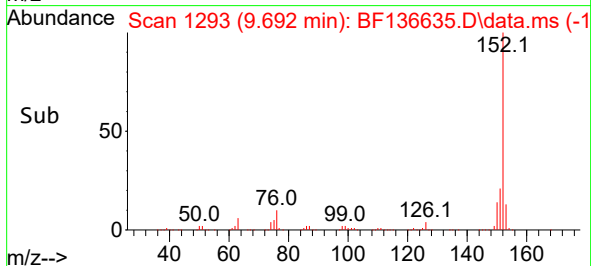
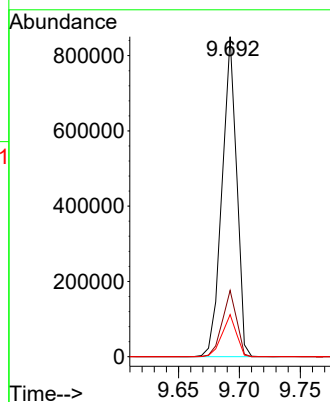
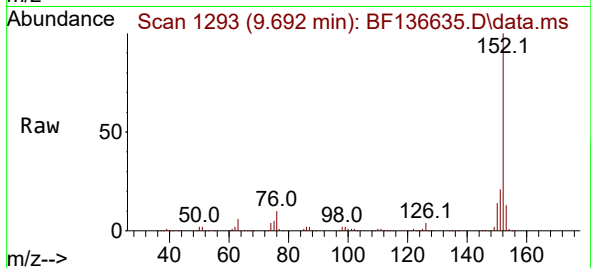
Tgt Ion:152 Resp: 712656

Ion Ratio Lower Upper

152 100

151 20.7 16.1 24.1

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 45.891 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

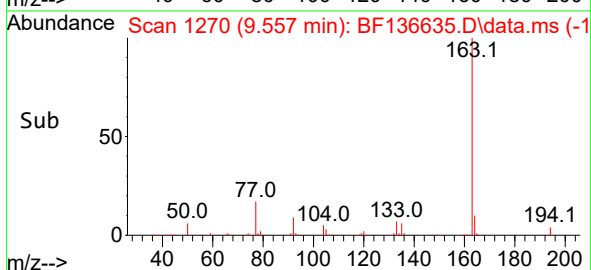
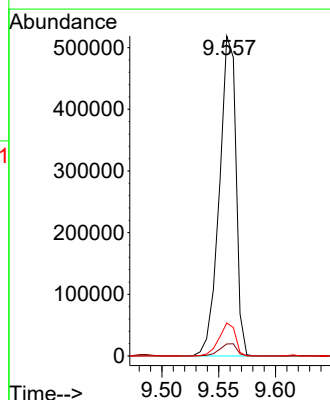
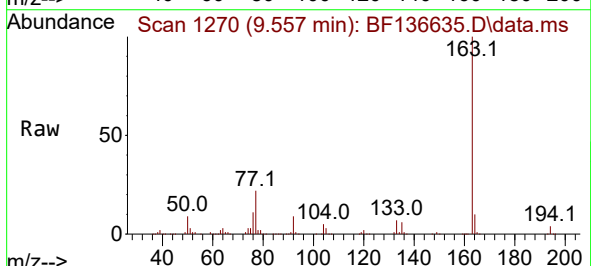
Tgt Ion:163 Resp: 529371

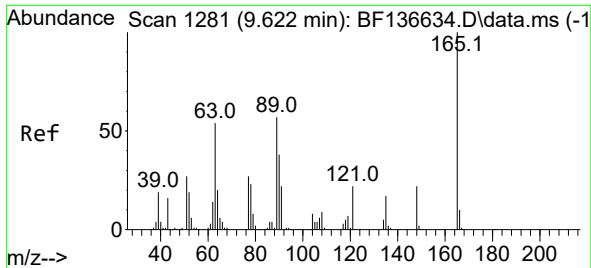
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.3 8.2 12.4

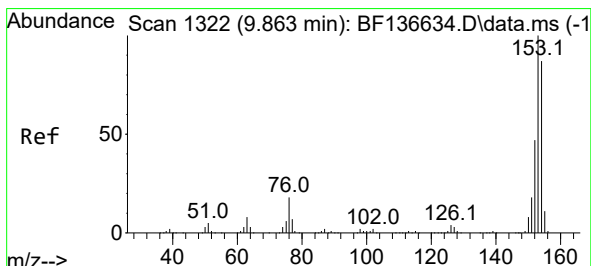
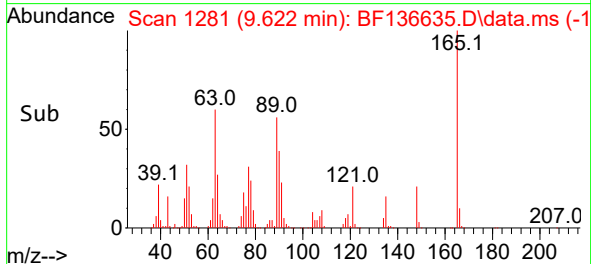
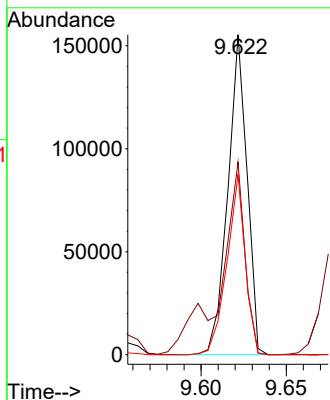
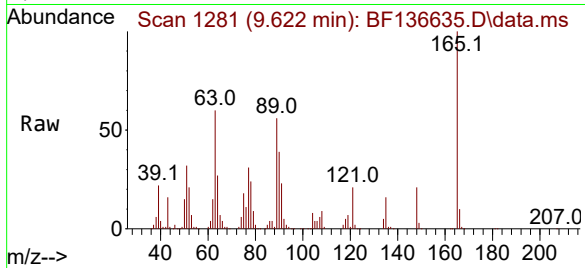




#51
2,6-Dinitrotoluene
Concen: 46.913 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

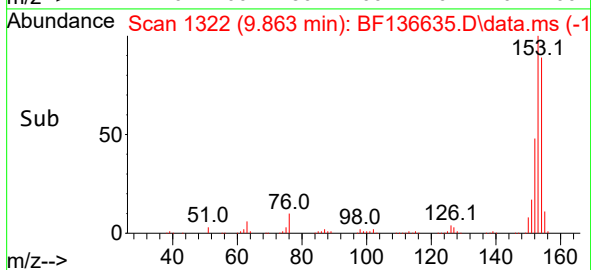
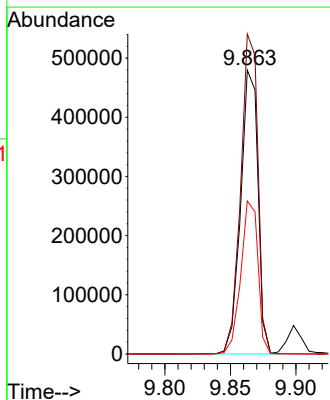
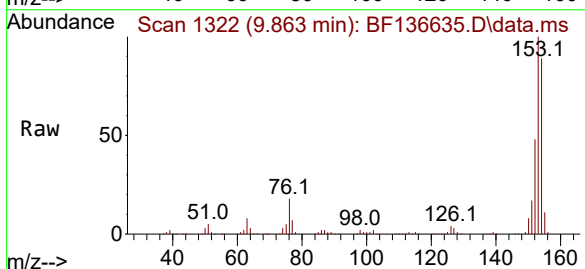
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

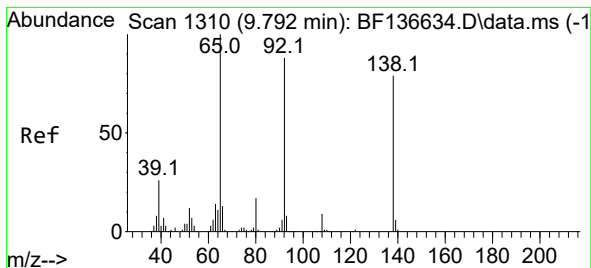
Tgt Ion:165 Resp: 121745
Ion Ratio Lower Upper
165 100
63 60.2 47.3 70.9
89 56.3 45.5 68.3



#52
Acenaphthene
Concen: 46.766 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:154 Resp: 442974
Ion Ratio Lower Upper
154 100
153 112.8 92.3 138.5
152 53.9 43.4 65.0





#53

3-Nitroaniline

Concen: 48.985 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

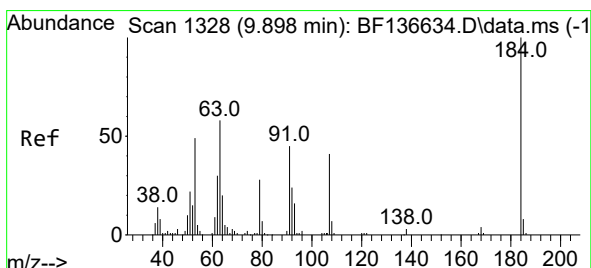
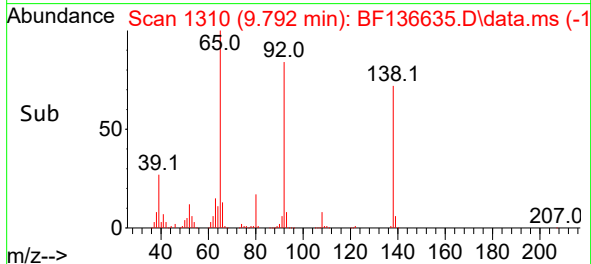
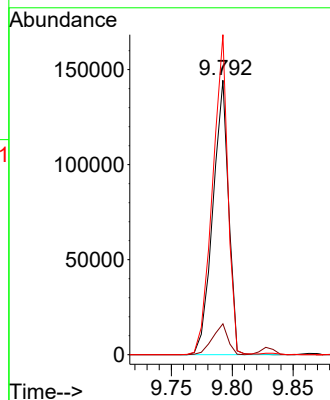
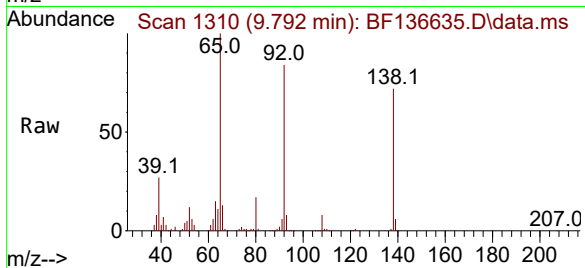
Tgt Ion:138 Resp: 129813

Ion Ratio Lower Upper

138 100

108 11.2 8.8 13.2

92 116.6 89.7 134.5



#54

2,4-Dinitrophenol

Concen: 51.033 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

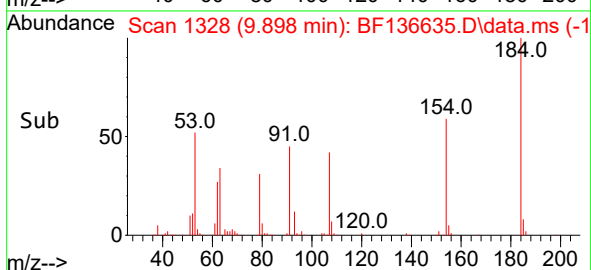
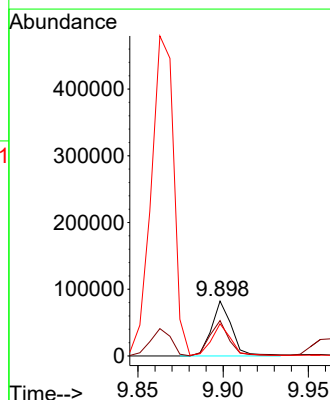
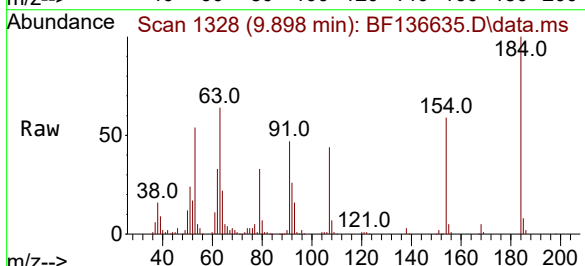
Tgt Ion:184 Resp: 66961

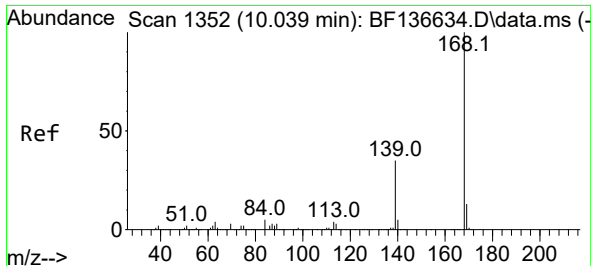
Ion Ratio Lower Upper

184 100

63 64.5 48.5 72.7

154 58.6 45.9 68.9

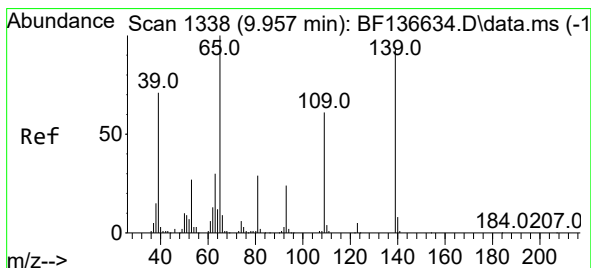
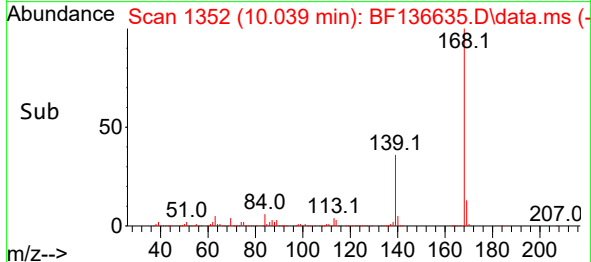
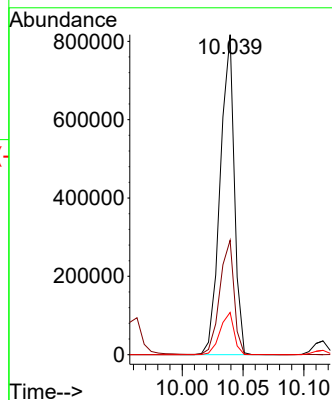
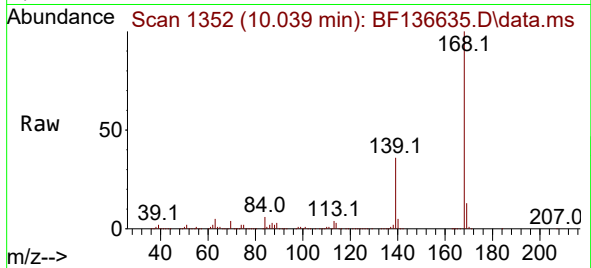




#55
Dibenzofuran
Concen: 47.597 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

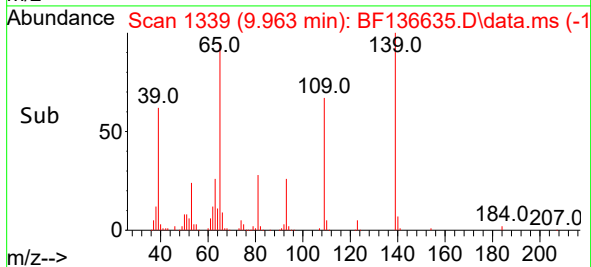
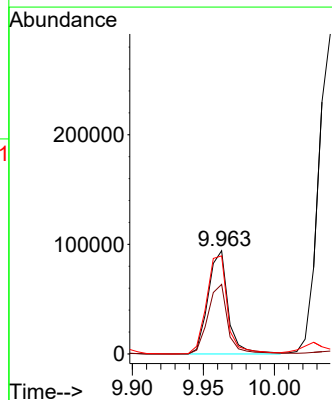
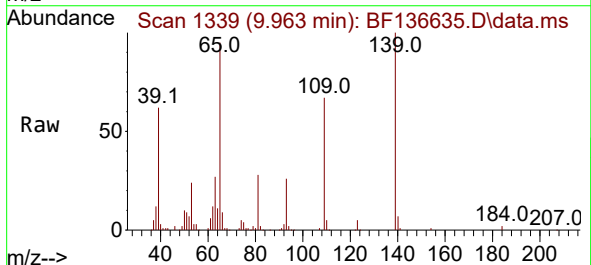
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

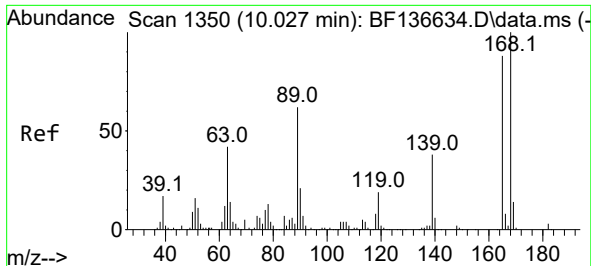
Tgt Ion:168 Resp: 658628
Ion Ratio Lower Upper
168 100
139 35.7 27.8 41.8
169 13.2 10.2 15.2



#56
4-Nitrophenol
Concen: 46.508 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:139 Resp: 92393
Ion Ratio Lower Upper
139 100
109 67.5 46.2 86.2
65 95.0 87.8 127.8

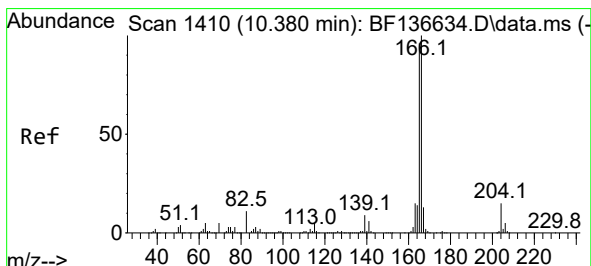
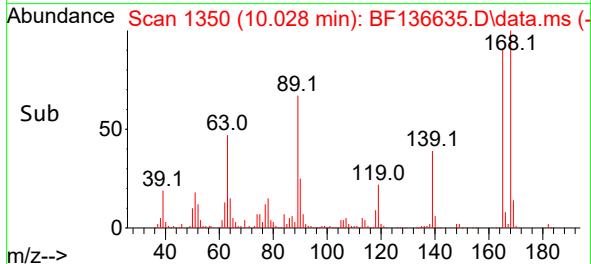
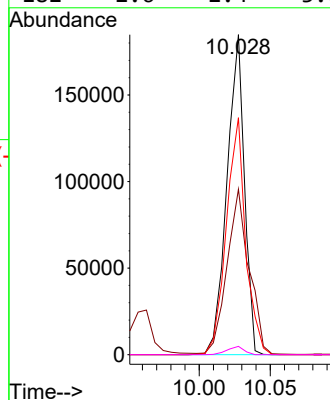
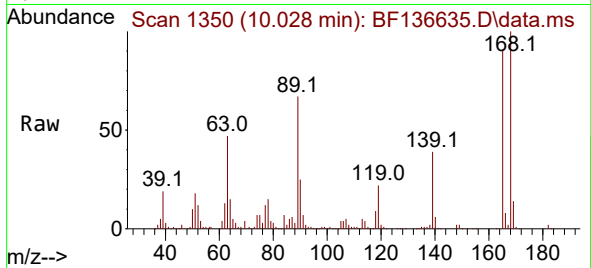




#57
2,4-Dinitrotoluene
Concen: 45.934 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

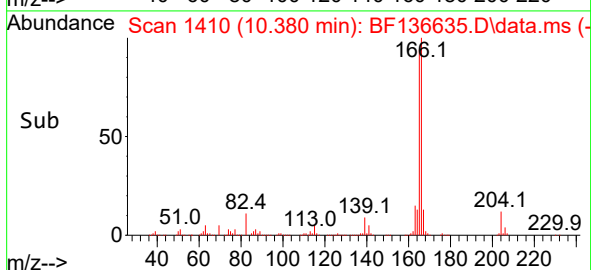
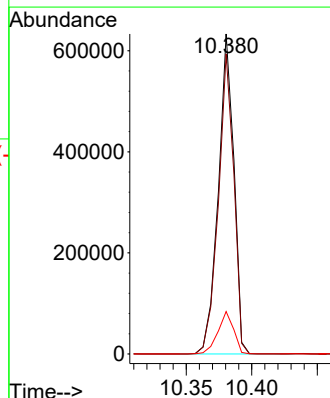
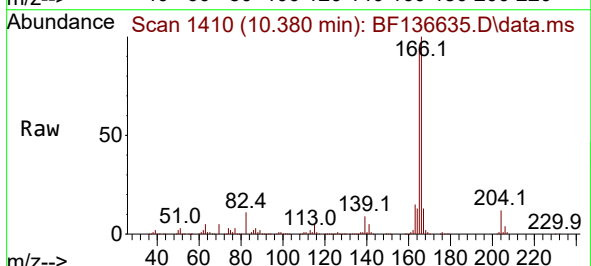
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

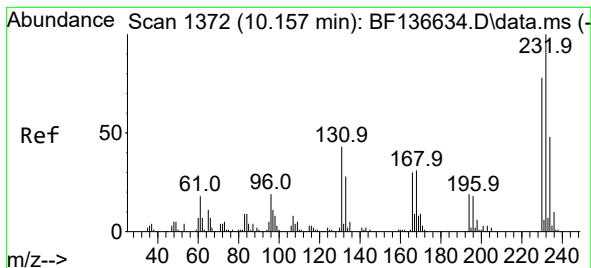
Tgt Ion:165 Resp: 157694
Ion Ratio Lower Upper
165 100
63 51.7 38.4 57.6
89 74.1 56.2 84.4
182 2.6 2.4 3.6



#58
Fluorene
Concen: 46.888 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:166 Resp: 520827
Ion Ratio Lower Upper
166 100
165 93.8 77.0 115.6
167 13.2 10.7 16.1

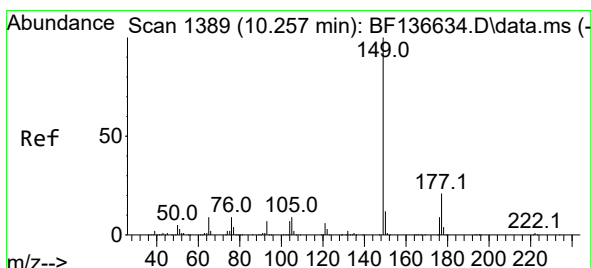
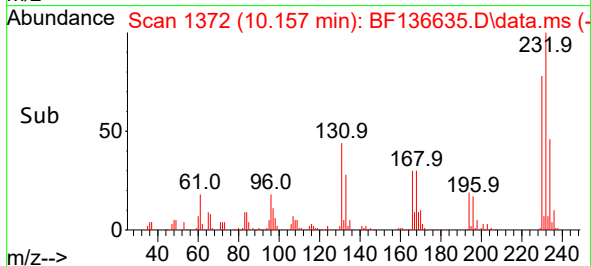
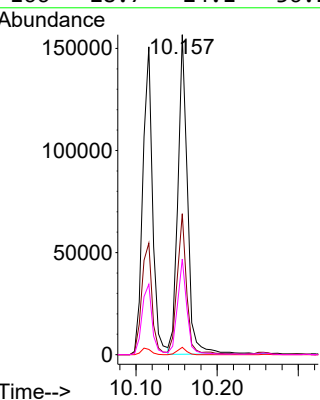
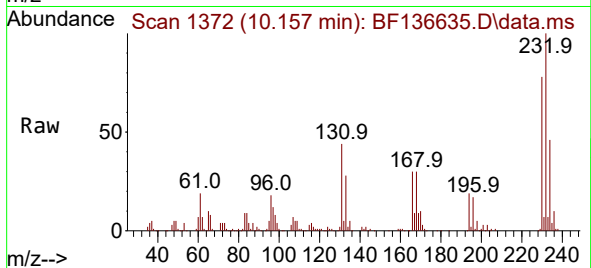




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.178 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

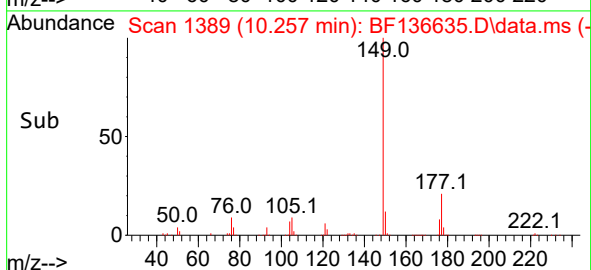
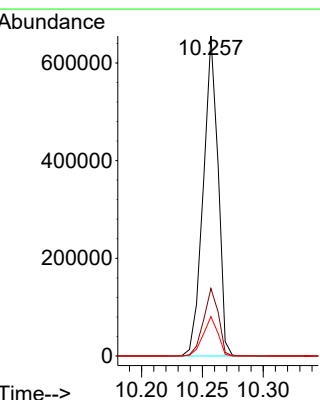
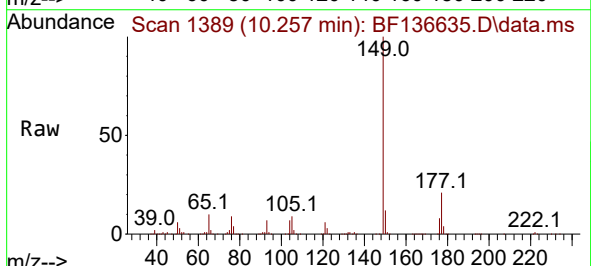
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

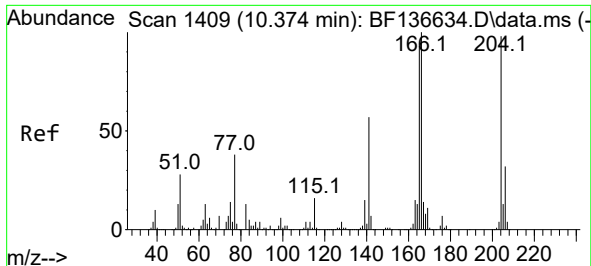
Tgt Ion:232 Resp: 128195
Ion Ratio Lower Upper
232 100
131 42.7 33.7 50.5
130 2.2 1.7 2.5
166 28.7 24.1 36.1



#60
Diethylphthalate
Concen: 48.540 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:149 Resp: 550591
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.3 9.9 14.9

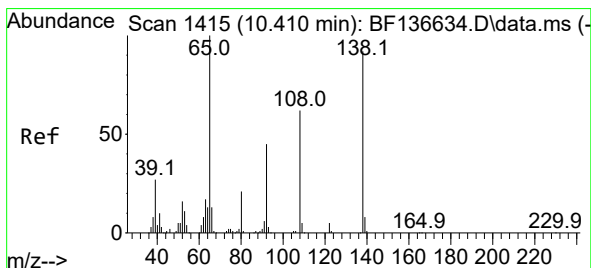
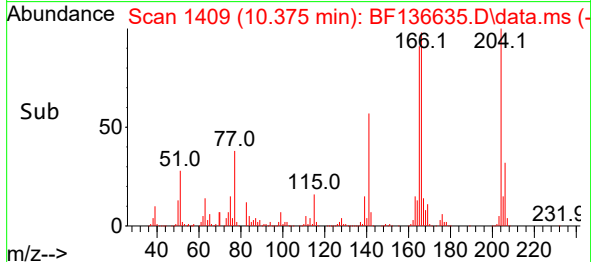
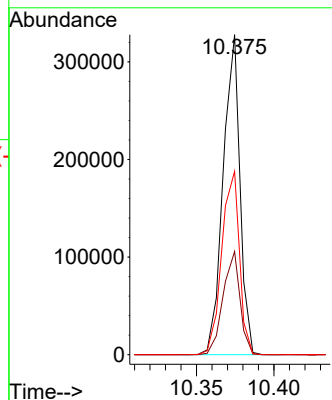
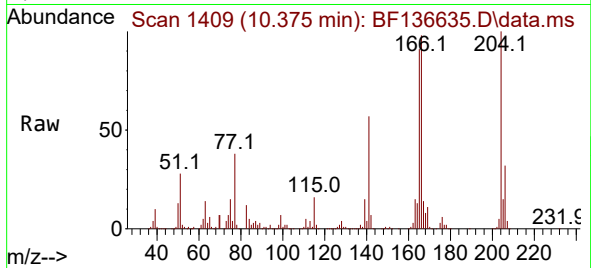




#61
4-Chlorophenyl-phenylether
Concen: 45.650 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

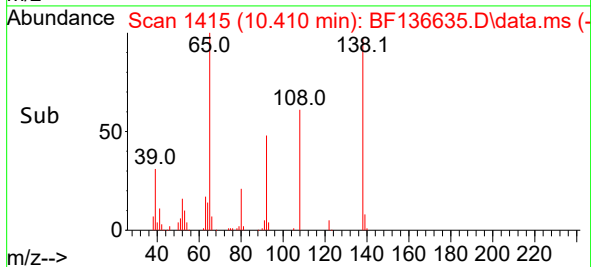
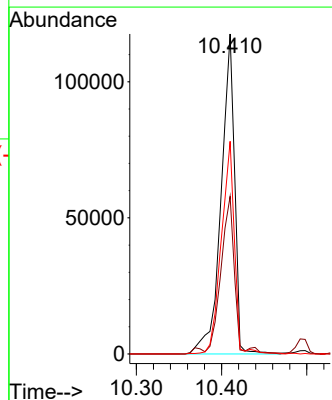
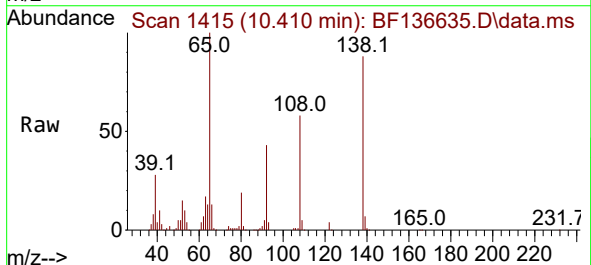
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

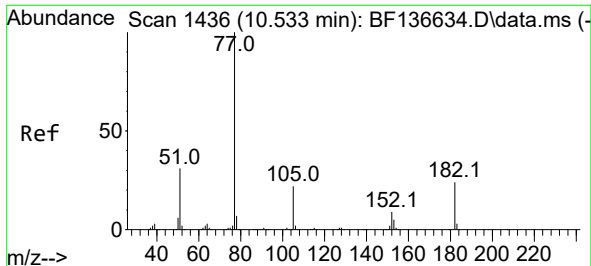
Tgt Ion:204 Resp: 247197
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 57.3 46.2 69.4



#62
4-Nitroaniline
Concen: 49.236 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:138 Resp: 129559
Ion Ratio Lower Upper
138 100
92 49.3 28.8 68.8
108 66.4 47.2 87.2

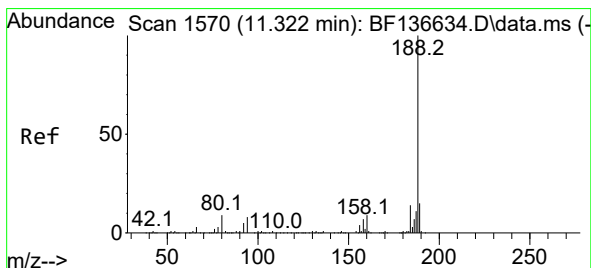
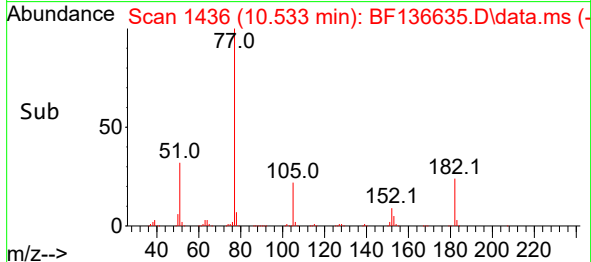
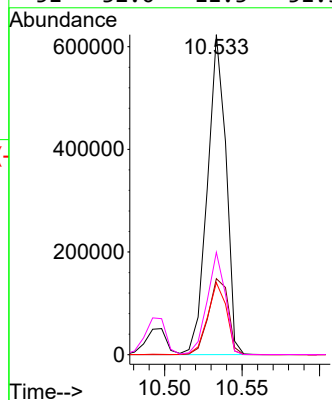
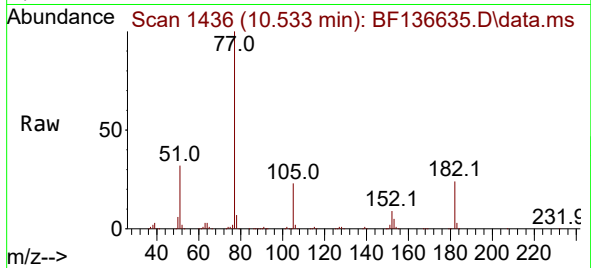




#63
Azobenzene
Concen: 50.317 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

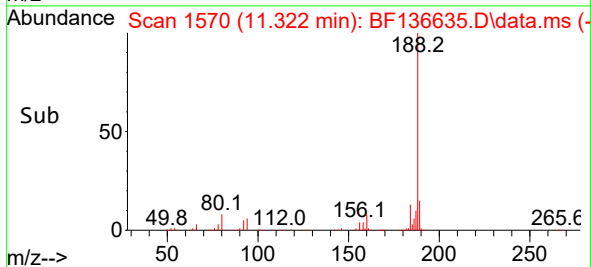
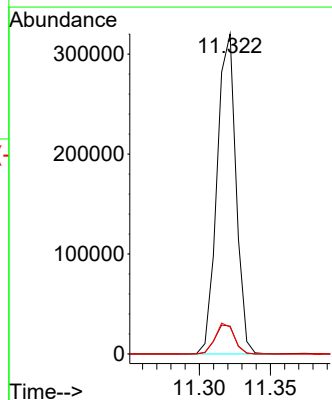
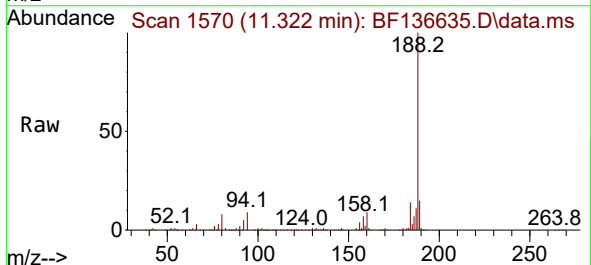
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

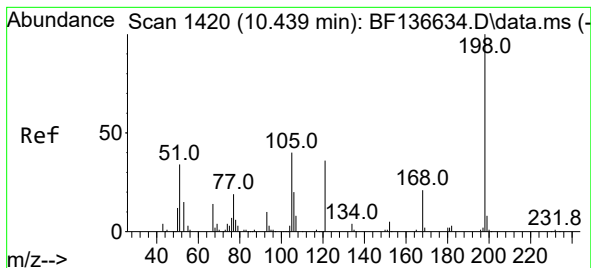
Tgt Ion: 77	Resp: 519498
Ion Ratio	Lower Upper
77 100	
182 23.8	3.7 43.7
105 22.5	1.5 41.5
51 32.0	11.3 51.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:188	Resp: 296672
Ion Ratio	Lower Upper
188 100	
94 8.7	6.6 10.0
80 8.4	7.0 10.4

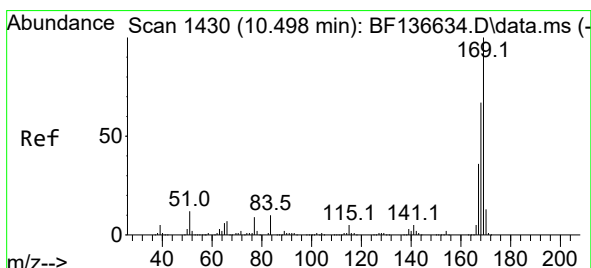
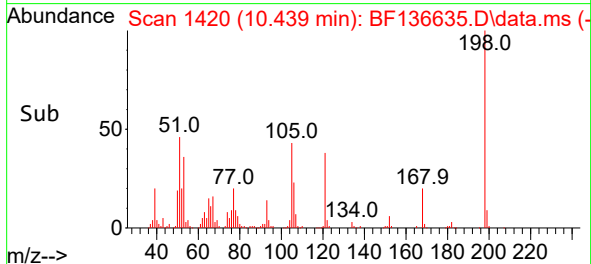
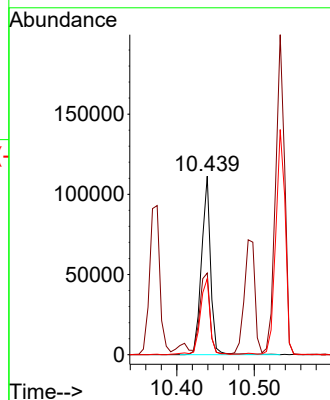
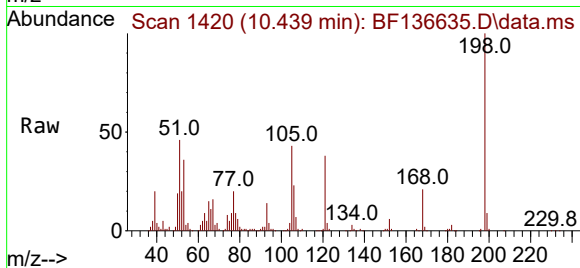




#65
4,6-Dinitro-2-methylphenol
Concen: 49.009 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

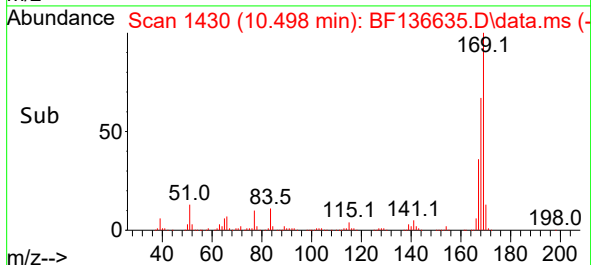
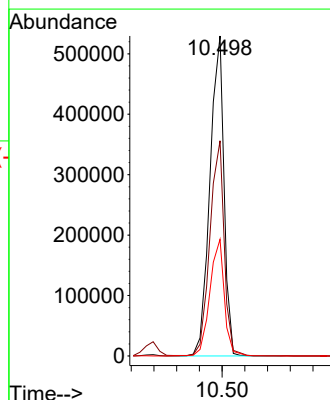
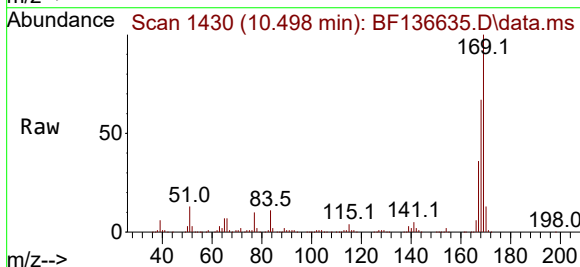
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

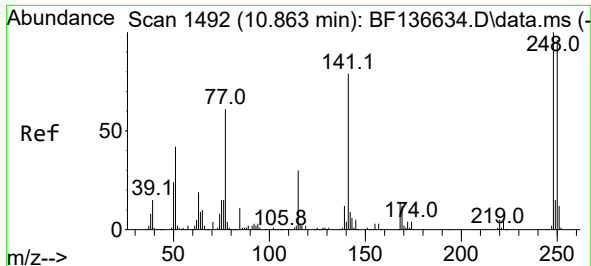
Tgt Ion:198 Resp: 90046
Ion Ratio Lower Upper
198 100
51 45.7 20.2 60.2
105 42.5 20.6 60.6



#66
n-Nitrosodiphenylamine
Concen: 47.616 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:169 Resp: 453285
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 36.5 29.2 43.8

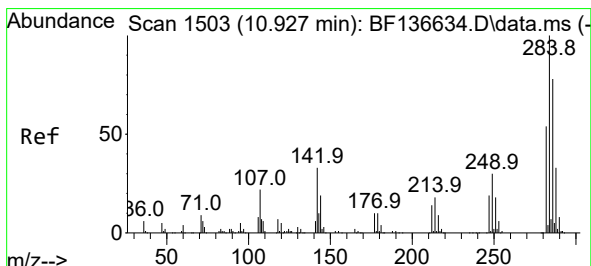
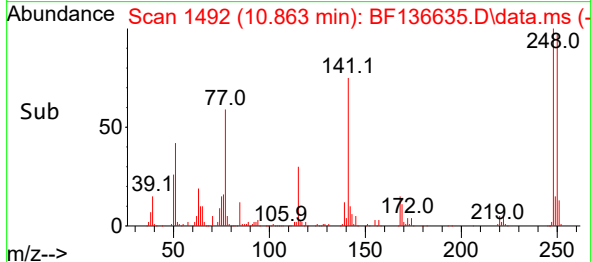
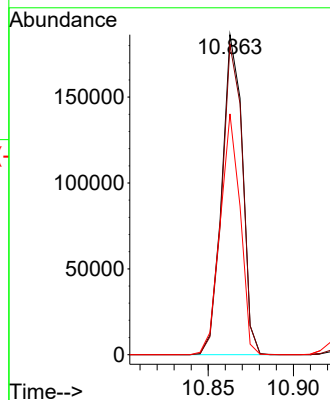
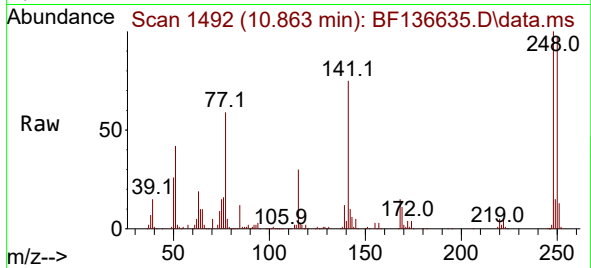




#67
4-Bromophenyl-phenylether
Concen: 45.326 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

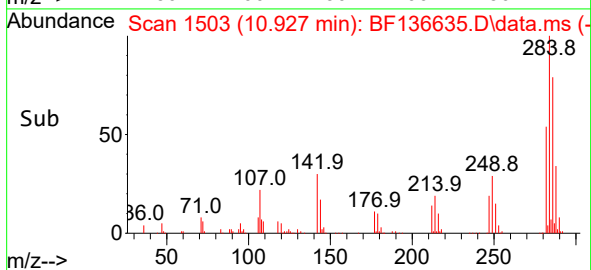
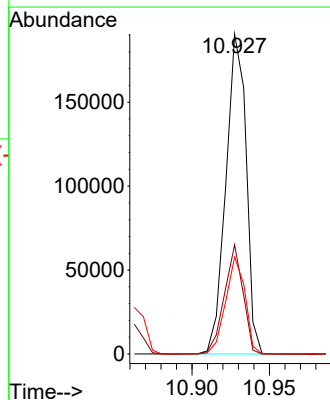
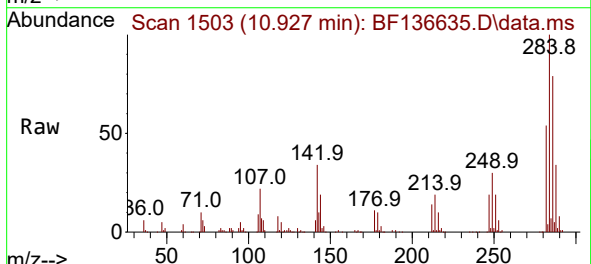
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

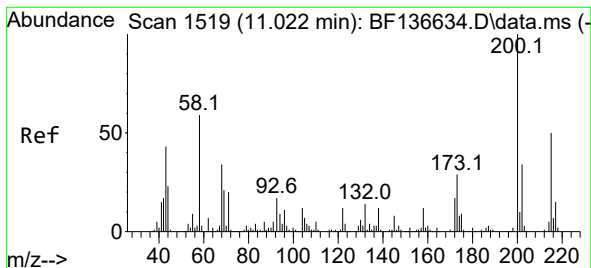
Tgt Ion:248 Resp: 156341
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.4
141 75.2 63.0 94.4



#68
Hexachlorobenzene
Concen: 43.491 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:284 Resp: 173380
Ion Ratio Lower Upper
284 100
142 34.1 26.6 40.0
249 30.3 23.9 35.9





#69

Atrazine

Concen: 31.061 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

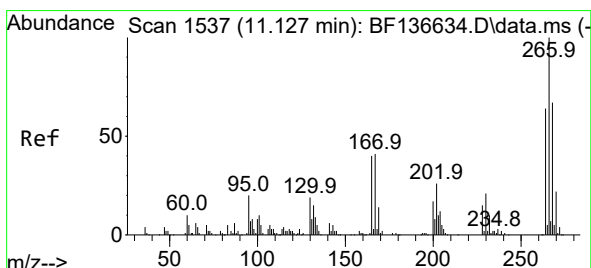
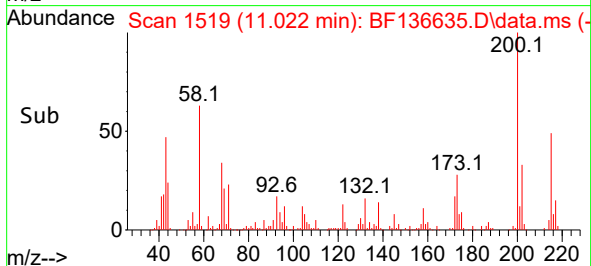
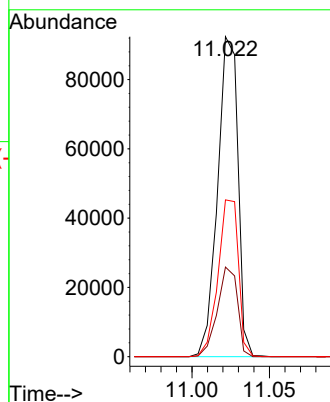
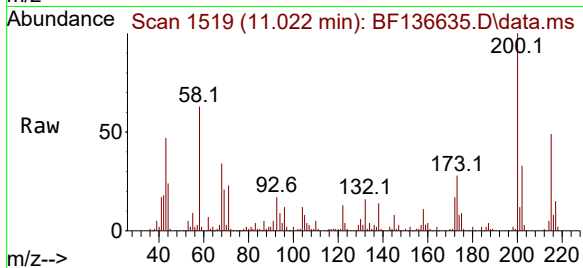
Tgt Ion:200 Resp: 84395

Ion Ratio Lower Upper

200 100

173 28.0 8.8 48.8

215 49.0 29.7 69.7



#70

Pentachlorophenol

Concen: 39.554 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

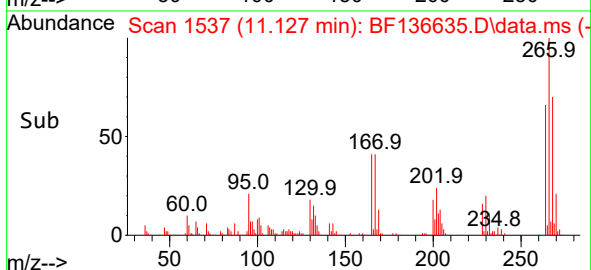
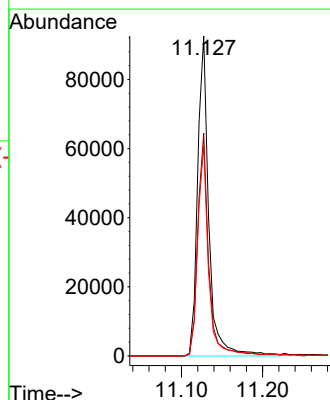
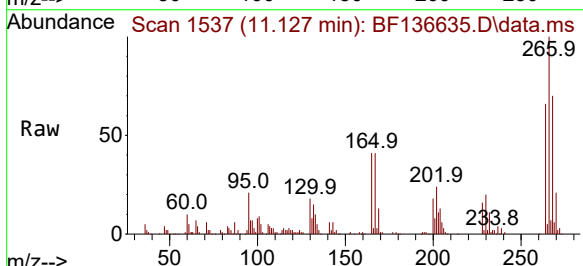
Tgt Ion:266 Resp: 88995

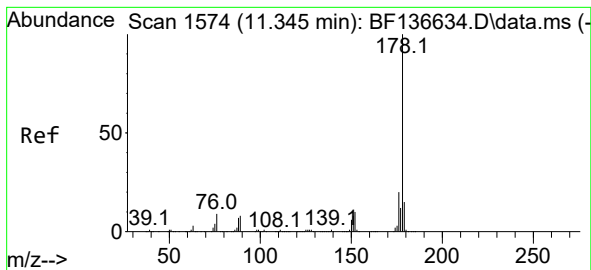
Ion Ratio Lower Upper

266 100

268 69.7 53.6 80.4

264 65.9 51.3 76.9





#71

Phenanthrene

Concen: 43.529 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

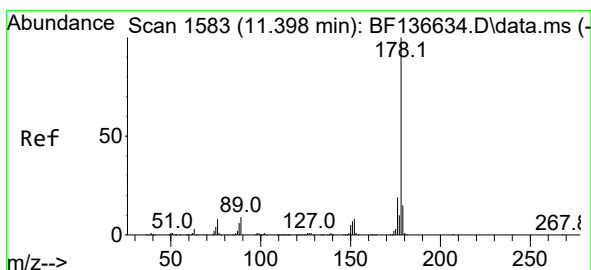
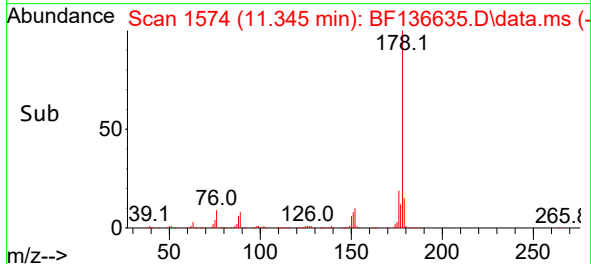
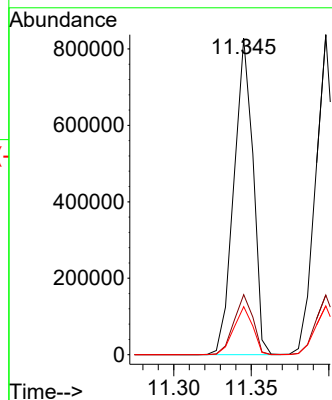
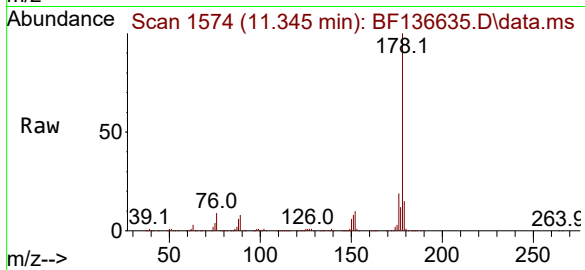
Tgt Ion:178 Resp: 709806

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

179 15.2 11.9 17.9



#72

Anthracene

Concen: 43.539 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

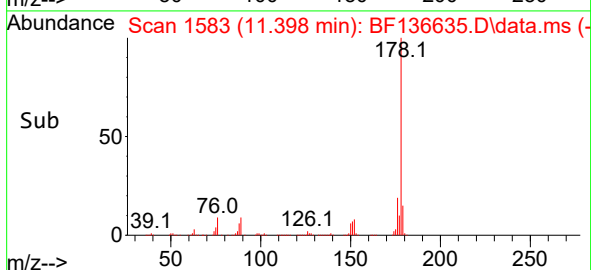
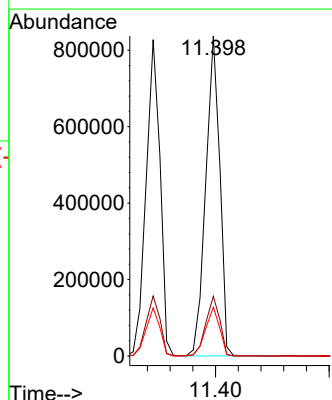
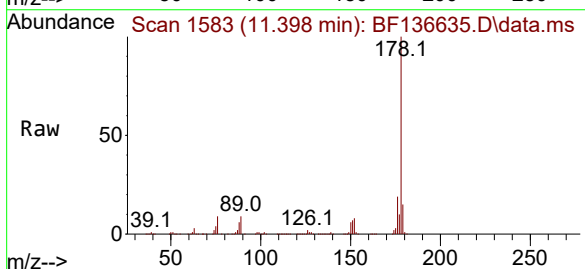
Tgt Ion:178 Resp: 715092

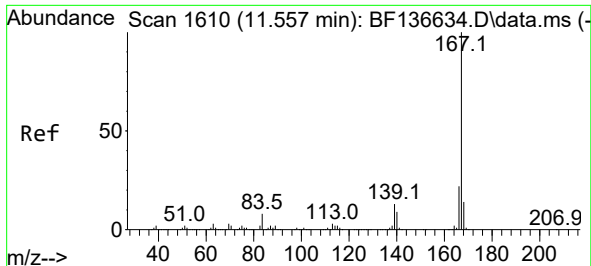
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.3 12.0 18.0

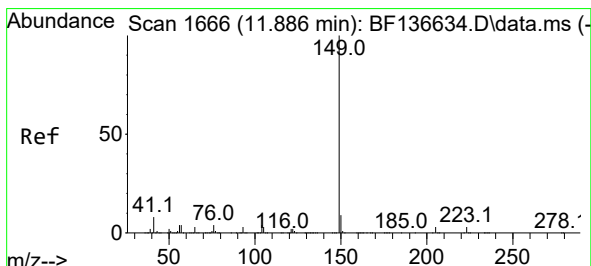
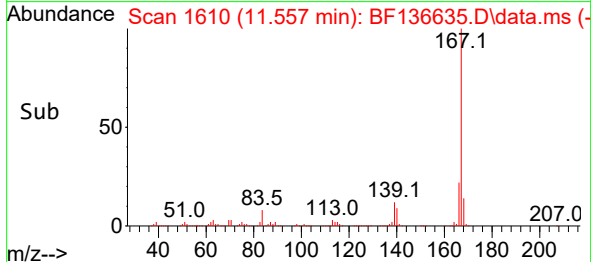
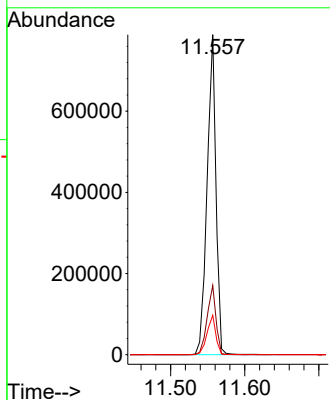
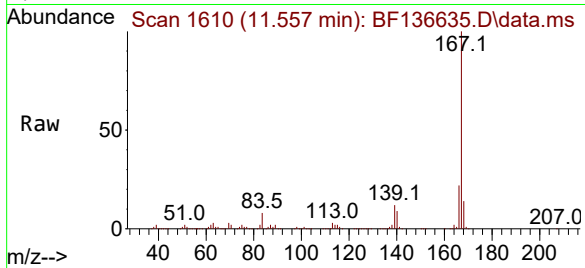




#73
 Carbazole
 Concen: 45.240 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40

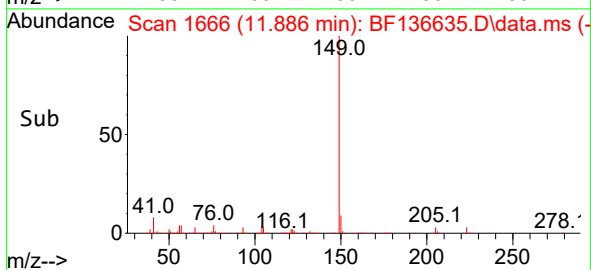
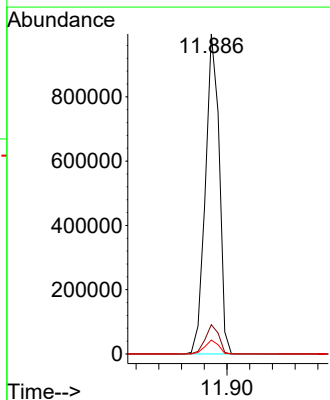
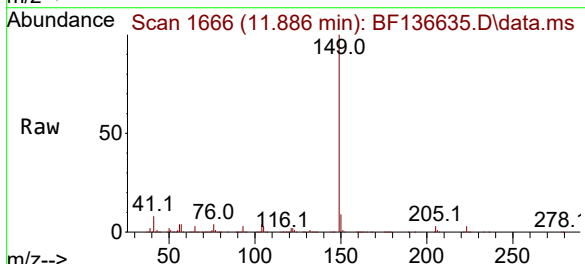
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

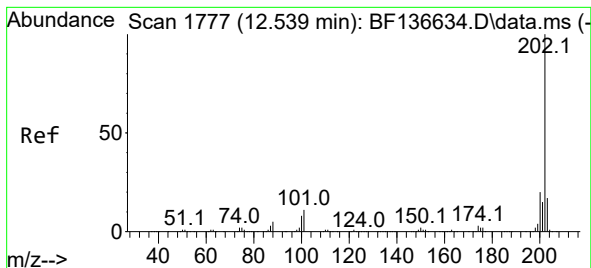
Tgt Ion:167 Resp: 657634
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.3 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 47.011 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40

Tgt Ion:149 Resp: 837764
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 42.962 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

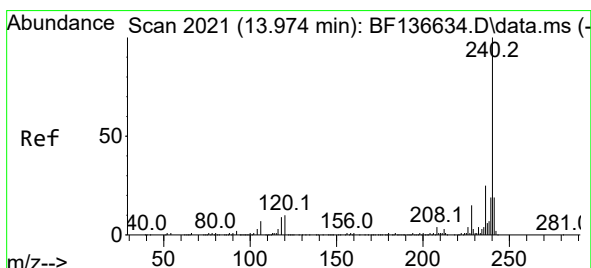
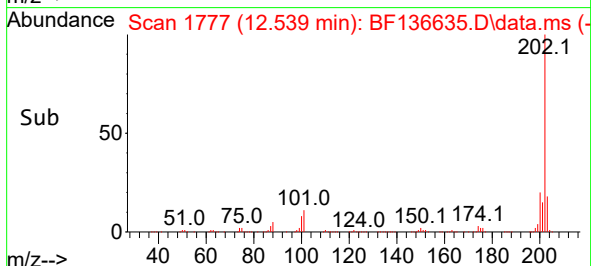
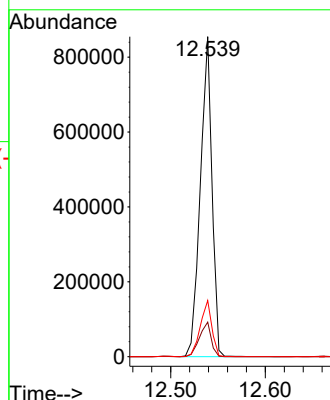
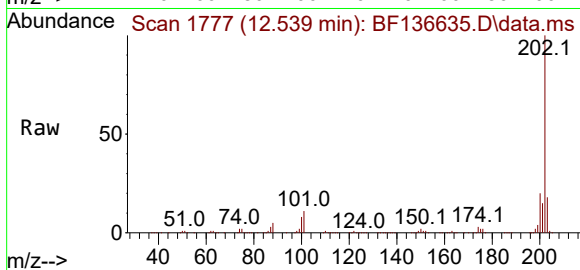
Tgt Ion:202 Resp: 734139

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.2

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

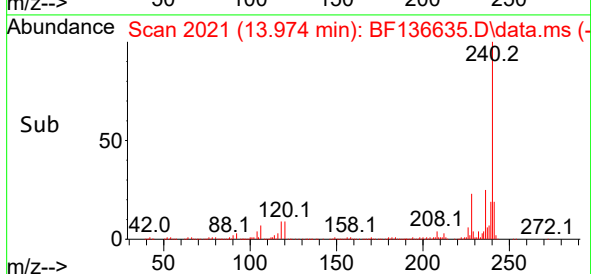
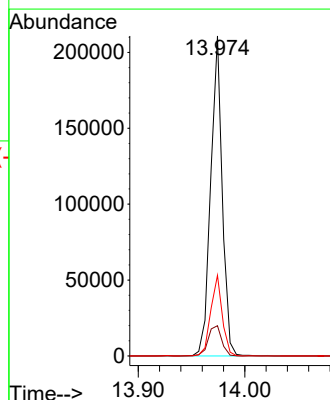
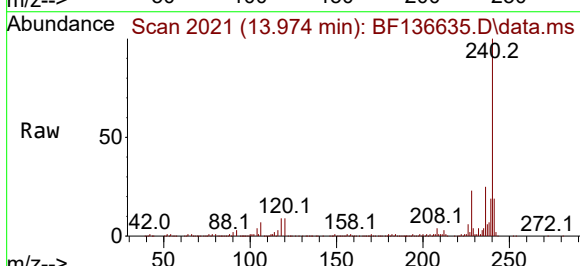
Tgt Ion:240 Resp: 158977

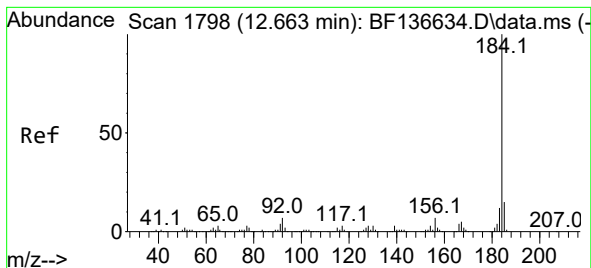
Ion Ratio Lower Upper

240 100

120 9.4 7.6 11.4

236 25.2 20.2 30.2





#77

Benzidine

Concen: 48.608 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

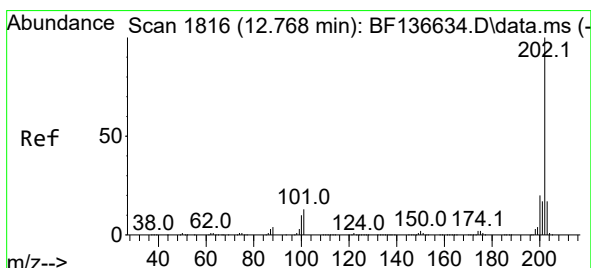
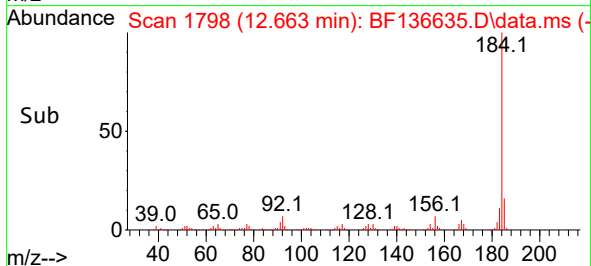
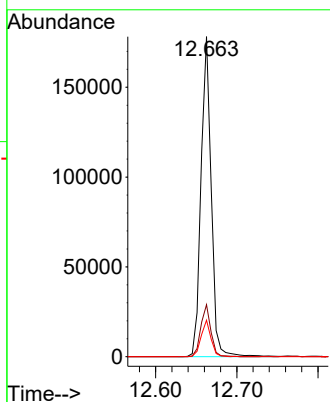
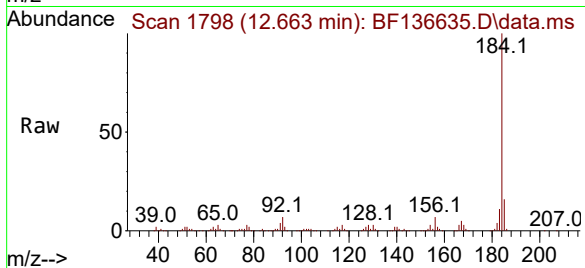
Tgt Ion:184 Resp: 155384

Ion Ratio Lower Upper

184 100

185 16.2 11.7 17.5

183 11.4 9.5 14.3



#78

Pyrene

Concen: 47.225 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

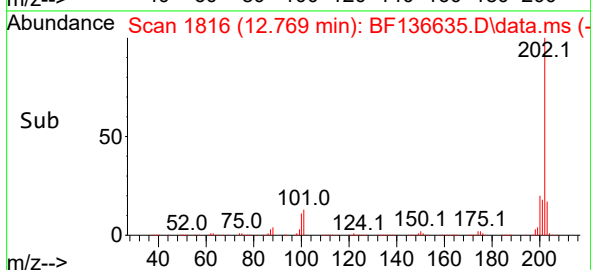
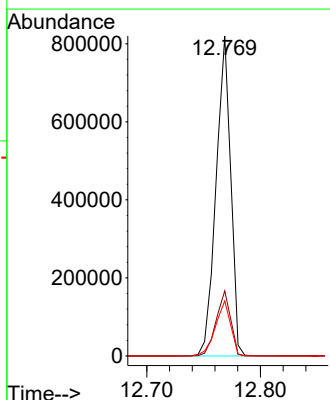
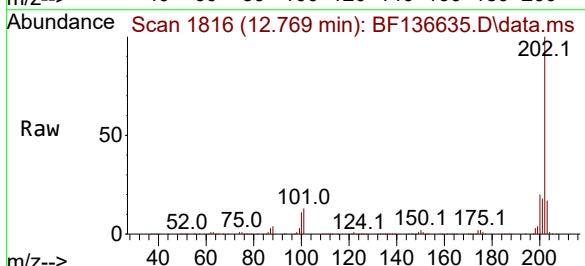
Tgt Ion:202 Resp: 735274

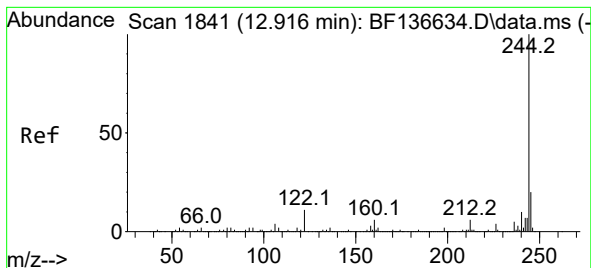
Ion Ratio Lower Upper

202 100

200 20.3 15.9 23.9

203 17.2 13.4 20.2





#79

Terphenyl-d14

Concen: 86.828 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

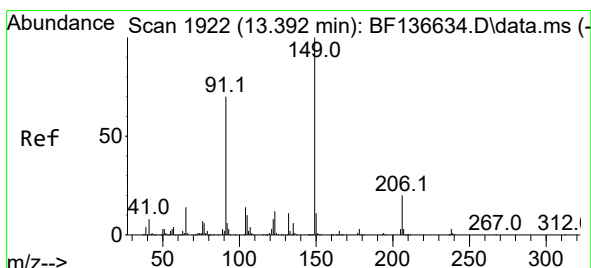
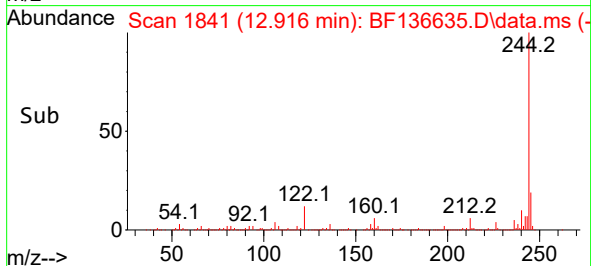
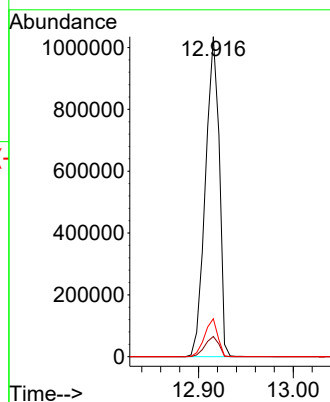
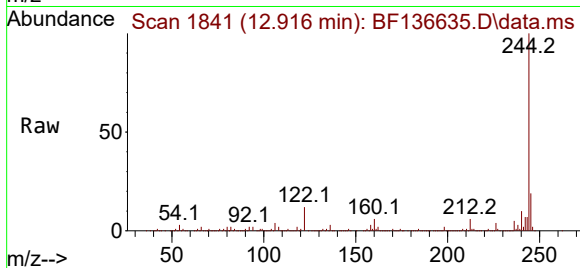
Tgt Ion:244 Resp: 1047283

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 11.9 9.2 13.8



#80

Butylbenzylphthalate

Concen: 49.295 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

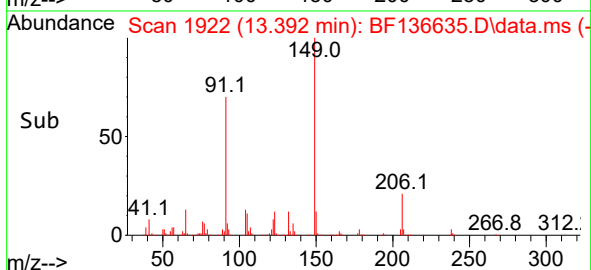
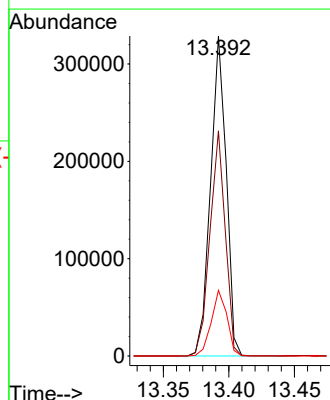
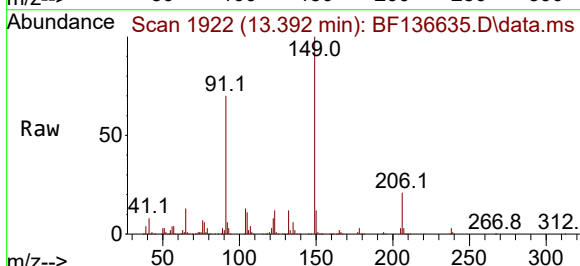
Tgt Ion:149 Resp: 273216

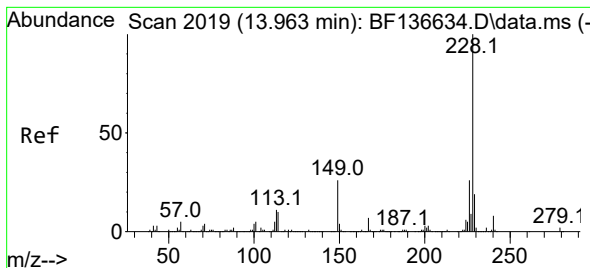
Ion Ratio Lower Upper

149 100

91 70.4 56.0 84.0

206 20.5 16.2 24.4





#81

Benzo(a)anthracene

Concen: 45.460 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

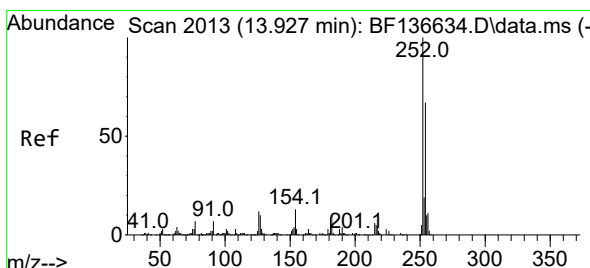
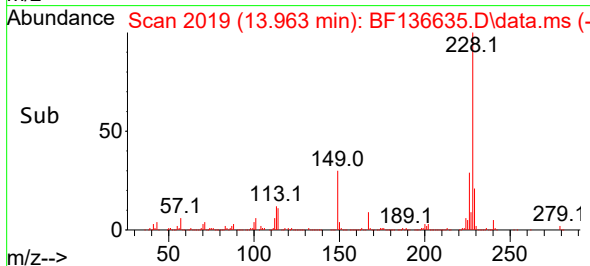
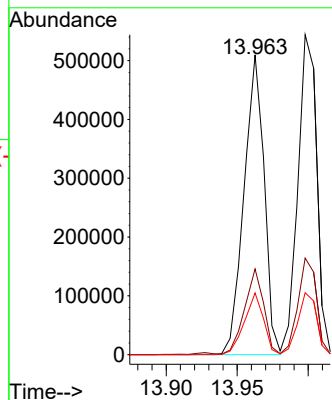
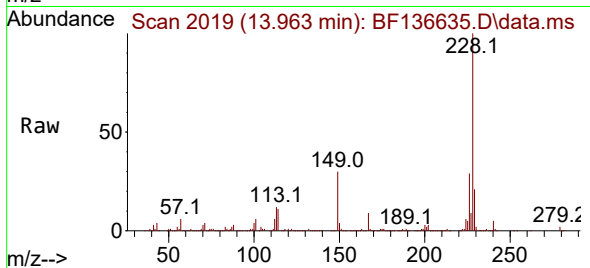
Tgt Ion:228 Resp: 503413

Ion Ratio Lower Upper

228 100

226 28.6 21.2 31.8

229 20.6 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 44.253 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

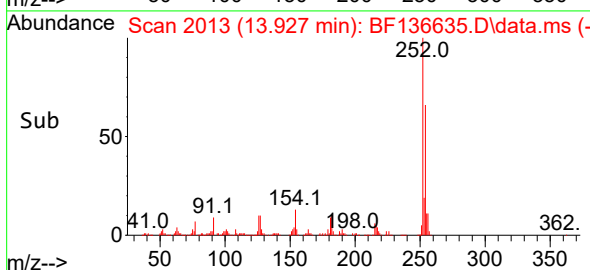
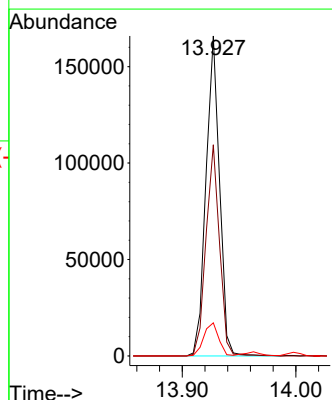
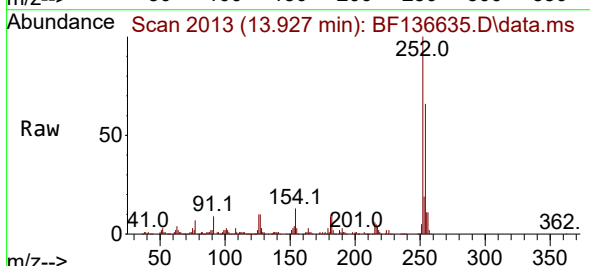
Tgt Ion:252 Resp: 137400

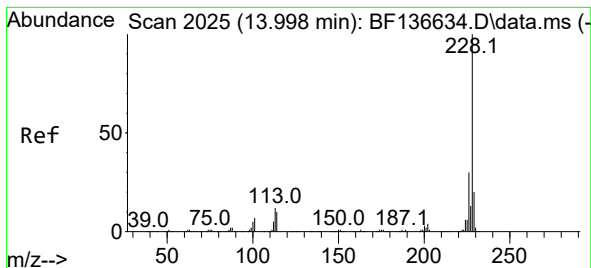
Ion Ratio Lower Upper

252 100

254 66.0 53.4 80.0

126 10.4 9.4 14.2





#83

Chrysene

Concen: 46.122 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

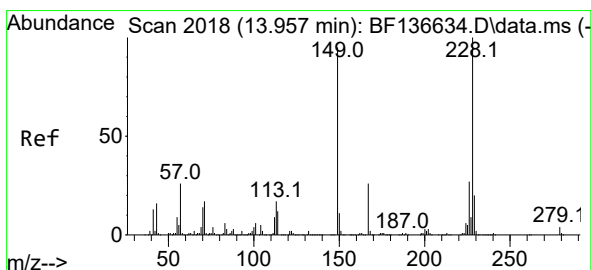
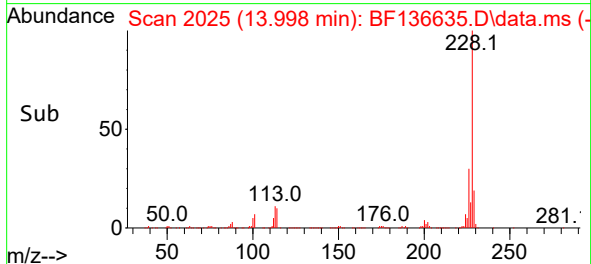
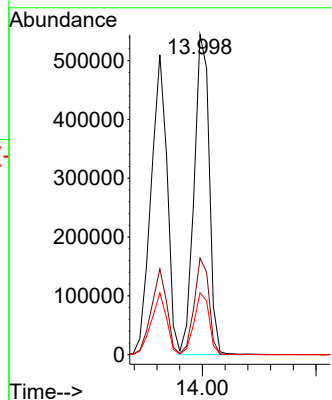
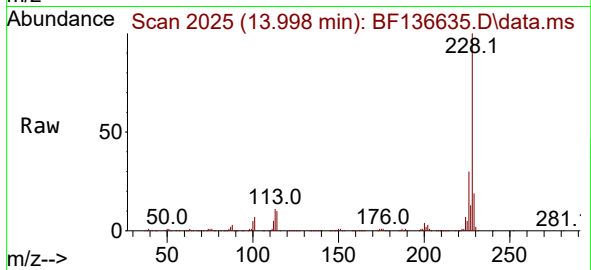
Tgt Ion:228 Resp: 502506

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.3 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.734 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

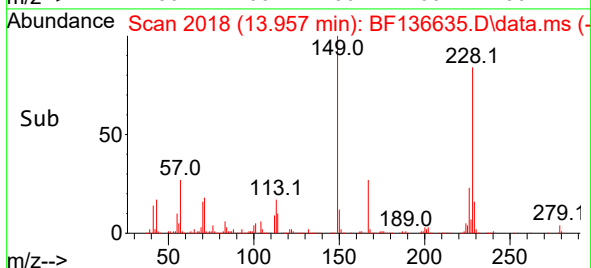
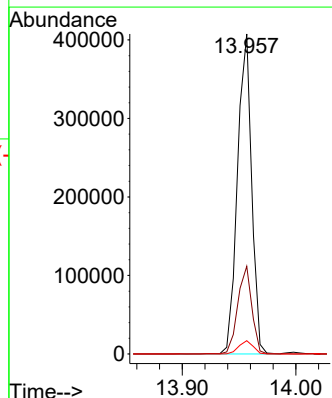
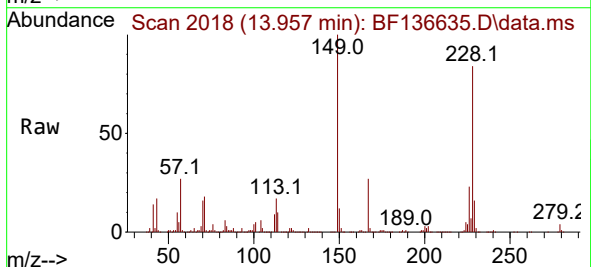
Tgt Ion:149 Resp: 351511

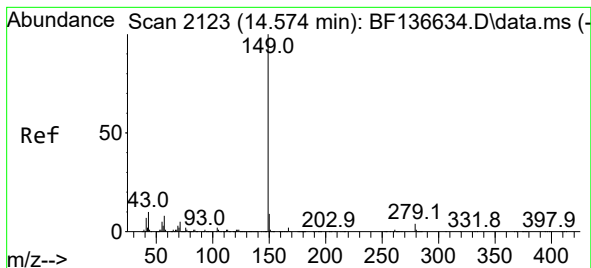
Ion Ratio Lower Upper

149 100

167 27.4 21.5 32.3

279 4.1 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 56.730 ng

RT: 14.574 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

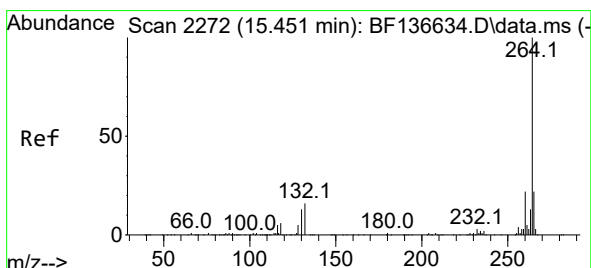
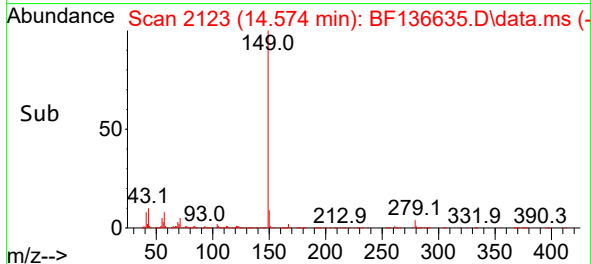
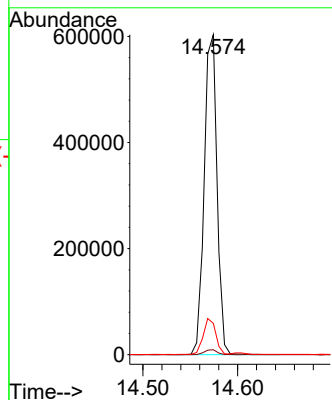
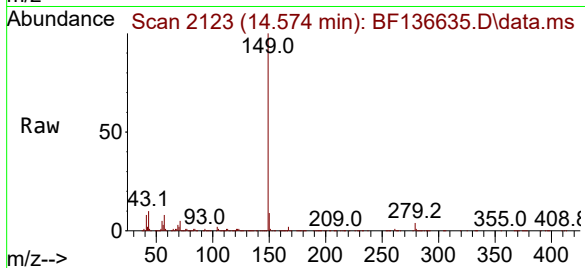
Tgt Ion:149 Resp: 569362

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.0 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

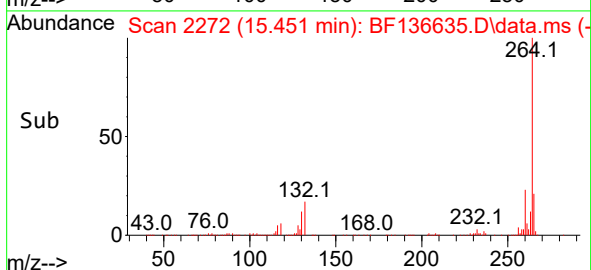
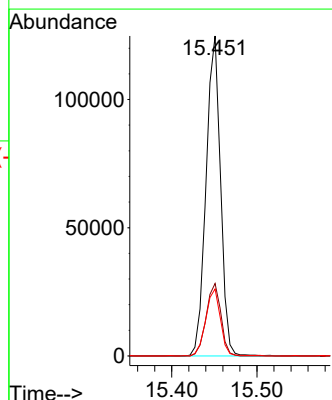
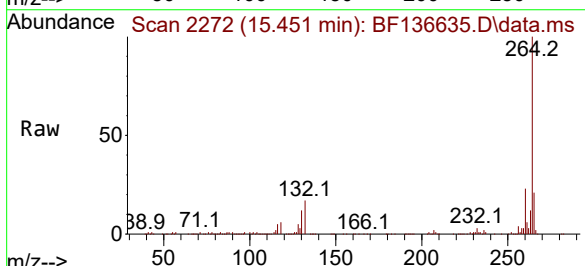
Tgt Ion:264 Resp: 147152

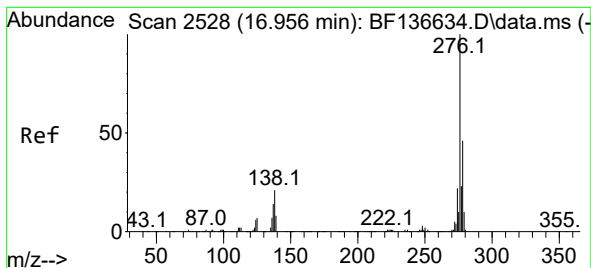
Ion Ratio Lower Upper

264 100

260 22.7 17.9 26.9

265 21.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.989 ng

RT: 16.957 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

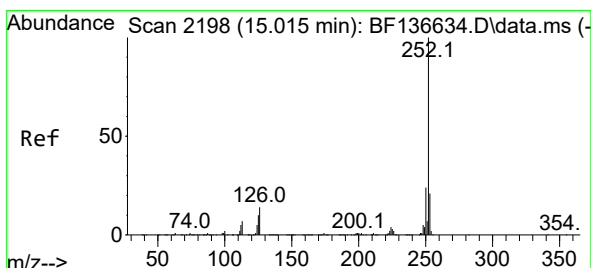
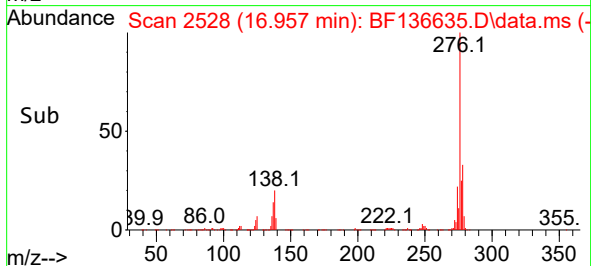
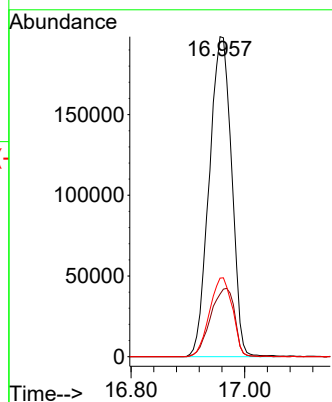
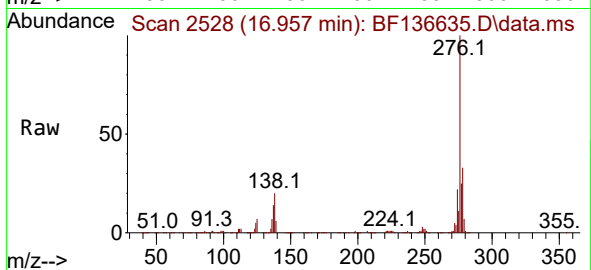
Tgt Ion:276 Resp: 541709

Ion Ratio Lower Upper

276 100

138 23.0 18.5 27.7

277 25.3 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 46.125 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

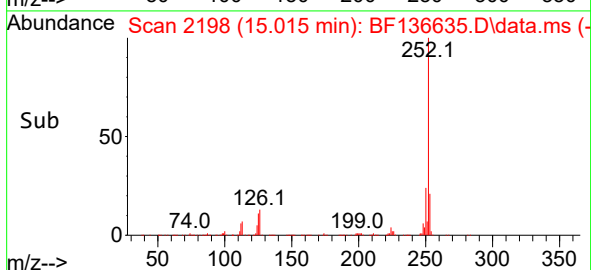
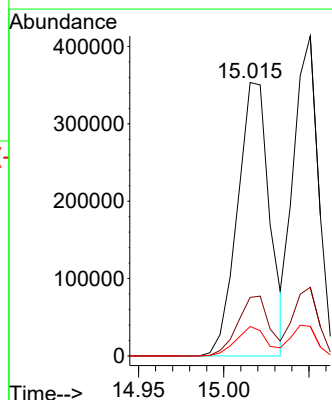
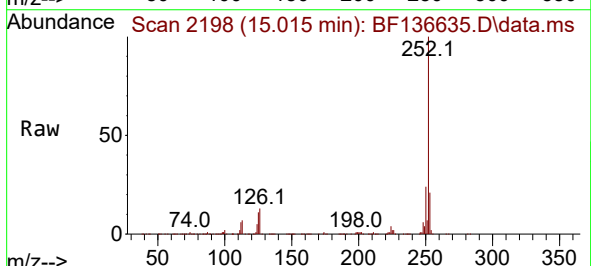
Tgt Ion:252 Resp: 464073

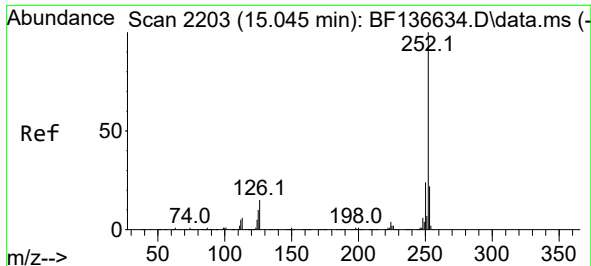
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 10.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 44.188 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

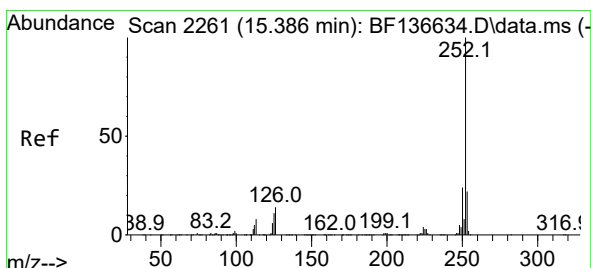
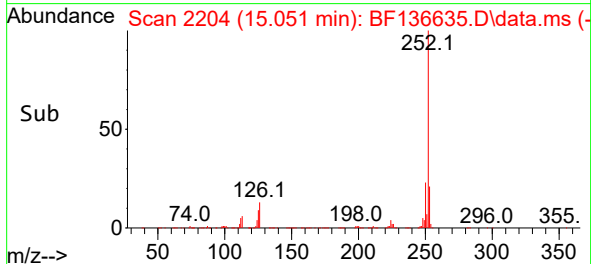
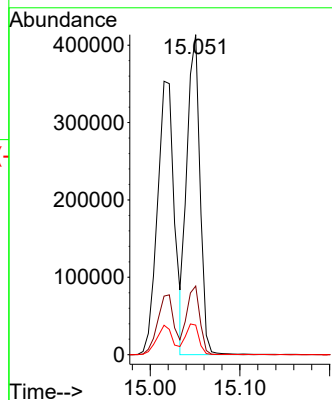
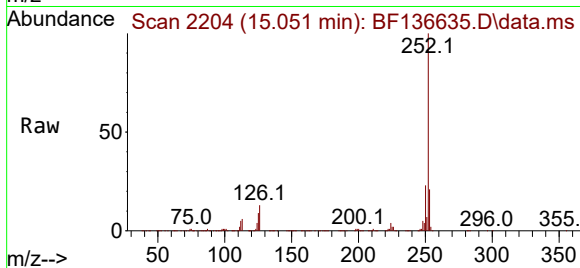
Tgt Ion:252 Resp: 418980

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.2 8.6 13.0



#90

Benzo(a)pyrene

Concen: 47.703 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

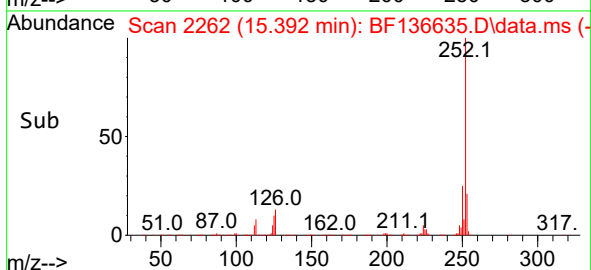
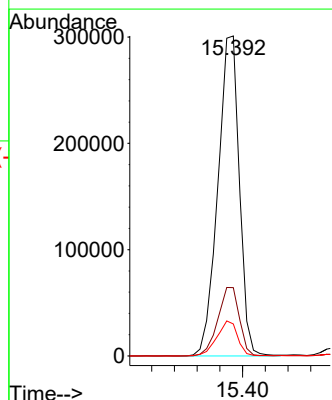
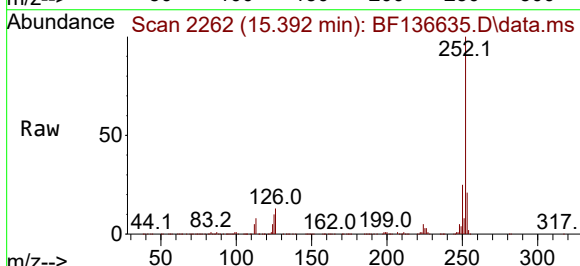
Tgt Ion:252 Resp: 396360

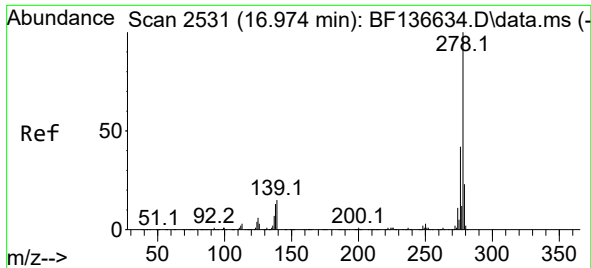
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 10.0 8.7 13.1

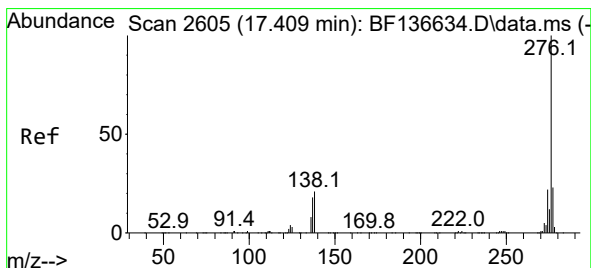
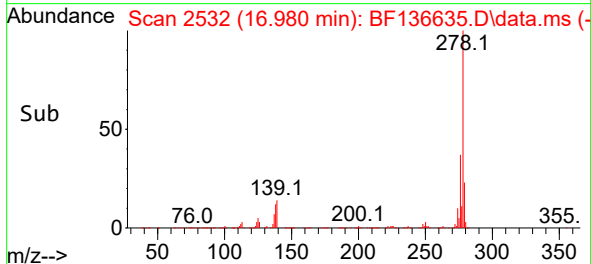
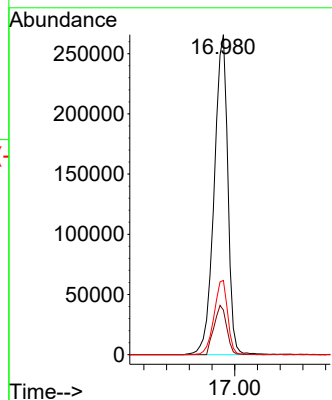
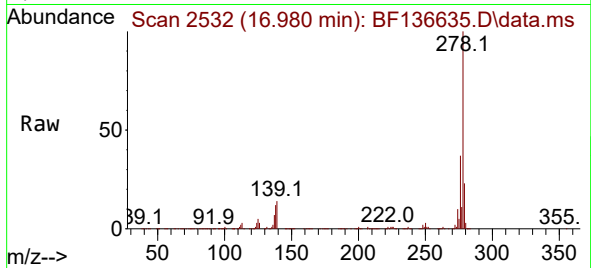




#91
Dibenzo(a,h)anthracene
Concen: 52.740 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 441702
Ion Ratio Lower Upper
278 100
139 13.9 11.9 17.9
279 23.2 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 53.360 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:276 Resp: 458694
Ion Ratio Lower Upper
276 100
277 23.3 18.4 27.6
138 20.5 16.6 24.8

