

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136636.D
 Acq On : 19 Dec 2023 18:12
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Dec 20 03:15:02 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	78686	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	303955	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	161741	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	300511	20.000	ng	0.00
76) Chrysene-d12	13.974	240	151190	20.000	ng	0.00
86) Perylene-d12	15.451	264	137934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	568219	106.647	ng	0.00
7) Phenol-d6	6.451	99	739328	111.218	ng	0.00
23) Nitrobenzene-d5	7.369	82	696005	123.789	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	212438	106.524	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1286481	108.532	ng	0.00
79) Terphenyl-d14	12.916	244	1273010	110.979	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	121724	57.760	ng	97
3) Pyridine	3.322	79	297259	58.246	ng	99
4) n-Nitrosodimethylamine	3.299	42	165689	74.727	ng	95
6) Aniline	6.463	93	364641	54.277	ng	# 16
8) 2-Chlorophenol	6.593	128	313929	53.971	ng	97
9) Benzaldehyde	6.351	77	180852	51.286	ng	97
10) Phenol	6.463	94	391333	55.323	ng	98
11) bis(2-Chloroethyl)ether	6.545	93	313063	59.376	ng	97
12) 1,3-Dichlorobenzene	6.740	146	340999	52.129	ng	98
13) 1,4-Dichlorobenzene	6.816	146	347967	52.439	ng	98
14) 1,2-Dichlorobenzene	6.969	146	314840	50.456	ng	98
15) Benzyl Alcohol	6.945	79	258033	57.967	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	495282	73.037	ng	98
17) 2-Methylphenol	7.063	107	257592	54.815	ng	94
18) Hexachloroethane	7.304	117	127114	54.868	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	225113	58.705	ng	96
20) 3+4-Methylphenols	7.216	107	309090	52.991	ng	91
22) Acetophenone	7.210	105	435727	58.052	ng	97
24) Nitrobenzene	7.387	77	356434	63.018	ng	100
25) Isophorone	7.622	82	645746	63.926	ng	100
26) 2-Nitrophenol	7.698	139	173860	62.525	ng	91
27) 2,4-Dimethylphenol	7.734	122	211315	61.631	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	387359	62.406	ng	99
29) 2,4-Dichlorophenol	7.939	162	259959	57.441	ng	96
30) 1,2,4-Trichlorobenzene	8.016	180	286063	54.207	ng	99
31) Naphthalene	8.098	128	953950	56.912	ng	100
32) Benzoic acid	7.892	122	188942	55.550	ng	93
33) 4-Chloroaniline	8.151	127	365699	61.197	ng	100
34) Hexachlorobutadiene	8.210	225	174528	55.804	ng	99
35) Caprolactam	8.545	113	72436	51.974	ng	100
36) 4-Chloro-3-methylphenol	8.639	107	294241	61.233	ng	98
37) 2-Methylnaphthalene	8.786	142	616063	57.772	ng	99
38) 1-Methylnaphthalene	8.886	142	599326	57.274	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	283781	56.395	ng	99
41) Hexachlorocyclopentadiene	8.934	237	97152	52.114	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	188518	57.537	ng	98

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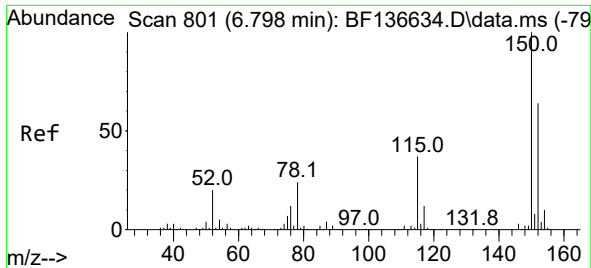
Quant Time: Dec 20 03:15:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 03:10:16 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	205034	56.068	ng	98
46) 1,1'-Biphenyl	9.257	154	761915	55.362	ng	99
47) 2-Chloronaphthalene	9.281	162	585829	54.691	ng	98
48) 2-Nitroaniline	9.381	65	187641	65.314	ng	92
49) Acenaphthylene	9.698	152	889573	58.298	ng	99
50) Dimethylphthalate	9.563	163	671948	56.429	ng	99
51) 2,6-Dinitrotoluene	9.628	165	152267	56.838	ng	94
52) Acenaphthene	9.869	154	544531	55.689	ng	99
53) 3-Nitroaniline	9.798	138	163845	59.892	ng	100
54) 2,4-Dinitrophenol	9.904	184	88954	65.674	ng	97
55) Dibenzofuran	10.039	168	808912	56.628	ng	98
56) 4-Nitrophenol	9.963	139	118053	57.565	ng	97
57) 2,4-Dinitrotoluene	10.033	165	193358	54.560	ng	92
58) Fluorene	10.386	166	646201	56.354	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	158791	54.210	ng	97
60) Diethylphthalate	10.263	149	676513	57.775	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	309619	55.389	ng	98
62) 4-Nitroaniline	10.416	138	165797	61.036	ng	99
63) Azobenzene	10.539	77	646745	60.682	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	114661	61.609	ng	96
66) n-Nitrosodiphenylamine	10.498	169	566095	58.707	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	194575	55.690	ng	93
68) Hexachlorobenzene	10.933	284	215961	53.480	ng	94
69) Atrazine	11.028	200	90147	32.755	ng	98
70) Pentachlorophenol	11.128	266	112859	49.520	ng	99
71) Phenanthrene	11.351	178	890169	53.893	ng	100
72) Anthracene	11.398	178	888111	53.383	ng	99
73) Carbazole	11.557	167	833896	56.633	ng	99
74) Di-n-butylphthalate	11.892	149	1018355	56.415	ng	99
75) Fluoranthene	12.539	202	903322	52.187	ng	99
77) Benzidine	12.663	184	153002	50.328	ng	98
78) Pyrene	12.769	202	921412	62.228	ng	99
80) Butylbenzylphthalate	13.392	149	330729	62.745	ng	98
81) Benzo(a)anthracene	13.963	228	606480	57.588	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	149604	50.665	ng	99
83) Chrysene	14.004	228	589304	56.875	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	403604	62.460	ng	99
85) Di-n-octyl phthalate	14.574	149	637418	66.783	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	636208	66.392	ng	100
88) Benzo(b)fluoranthene	15.021	252	528310	56.019	ng	99
89) Benzo(k)fluoranthene	15.051	252	498967	56.141	ng	99
90) Benzo(a)pyrene	15.392	252	457547	58.747	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	516850	65.837	ng	99
92) Benzo(g,h,i)perylene	17.421	276	540345	67.060	ng	99

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

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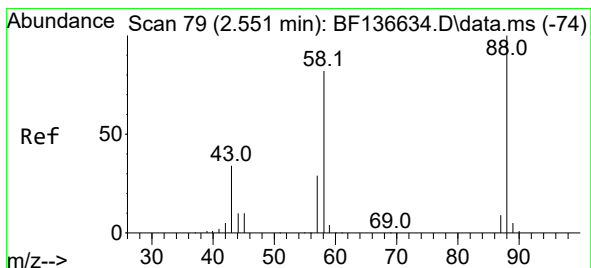
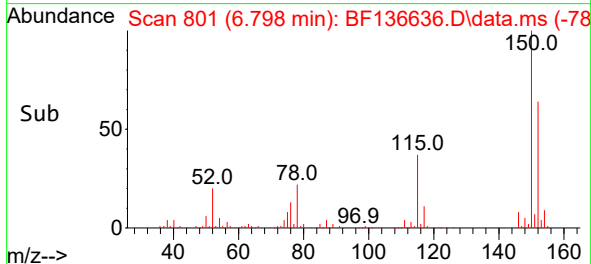
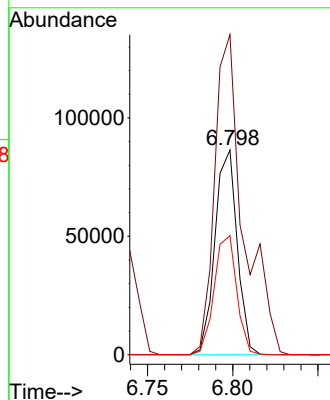
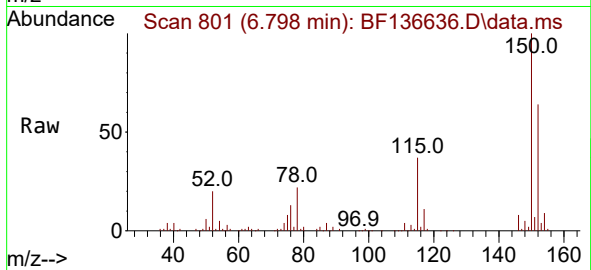




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136636.D
 Acq: 19 Dec 2023 18:12

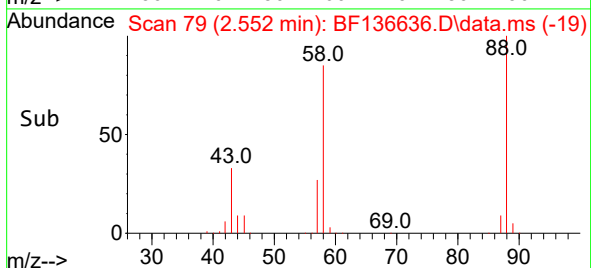
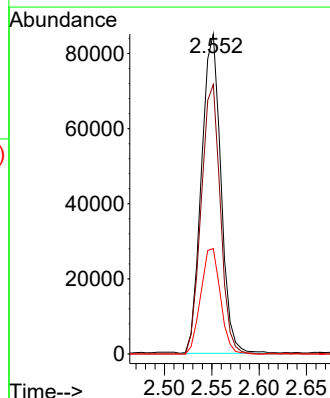
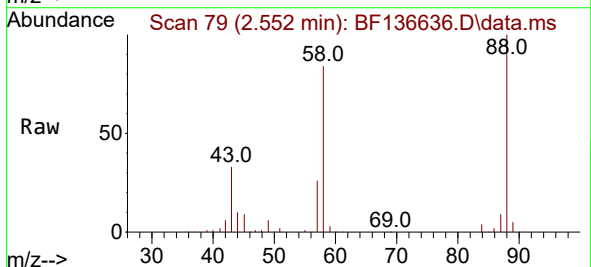
Instrument :
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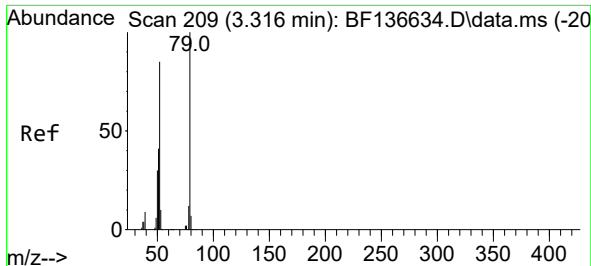
Tgt Ion:152 Resp: 78686
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.3 187.9
 115 58.2 46.4 69.6



#2
 1,4-Dioxane
 Concen: 57.760 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF136636.D
 Acq: 19 Dec 2023 18:12

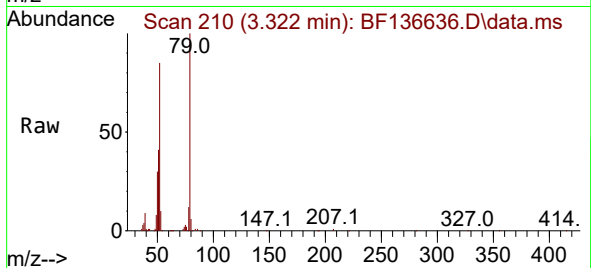
Tgt Ion: 88 Resp: 121724
 Ion Ratio Lower Upper
 88 100
 58 82.7 63.3 94.9
 43 33.3 26.4 39.6



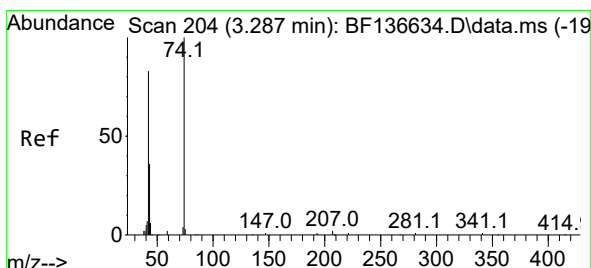
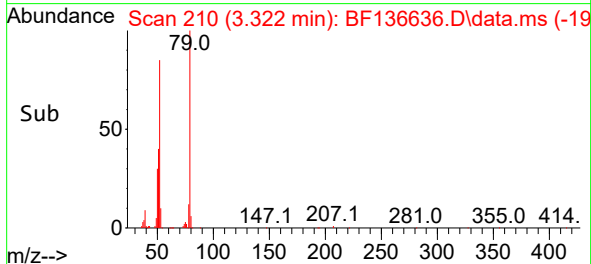
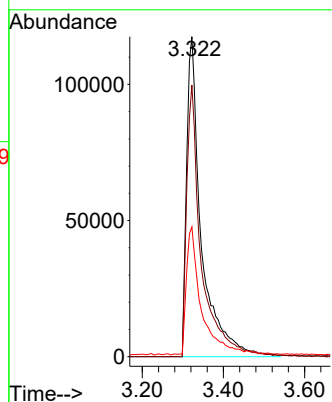


#3
Pyridine
Concen: 58.246 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

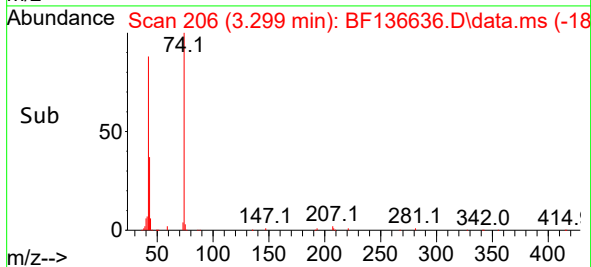
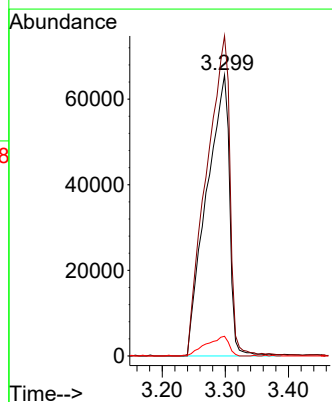
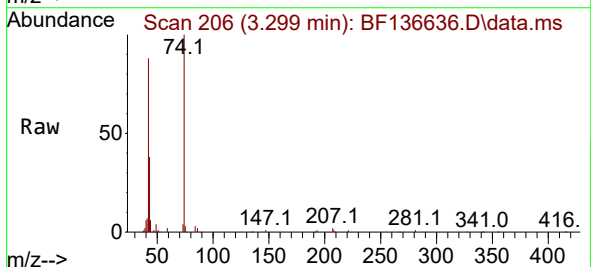


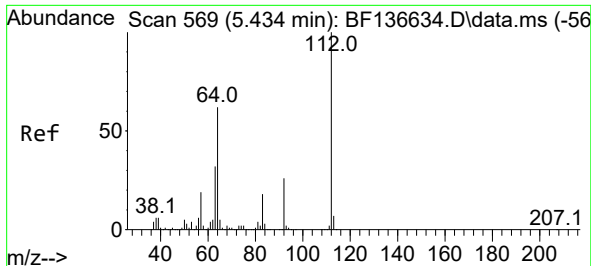
Tgt Ion: 79 Resp: 297259
Ion Ratio Lower Upper
79 100
52 84.9 67.6 101.4
51 40.5 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 74.727 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.012 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion: 42 Resp: 165689
Ion Ratio Lower Upper
42 100
74 114.0 96.2 144.4
44 7.0 5.7 8.5

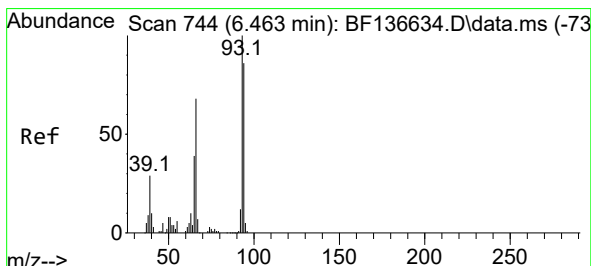
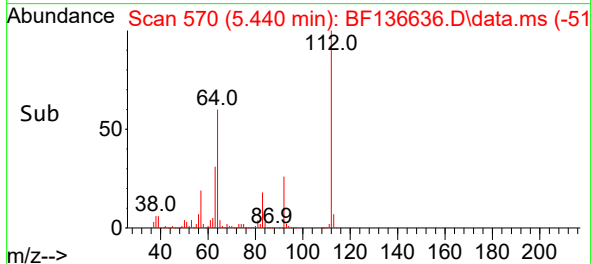
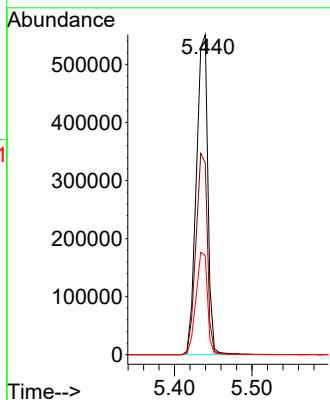
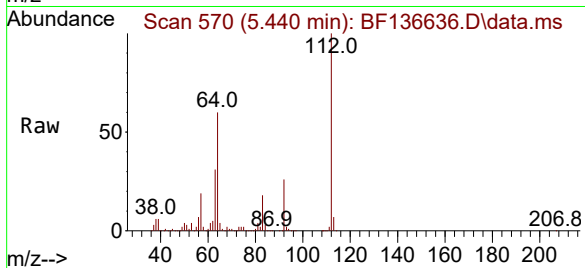




#5
2-Fluorophenol
Concen: 106.647 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

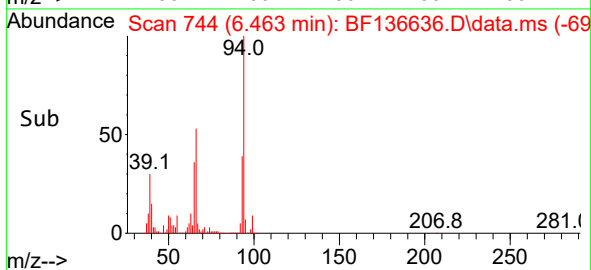
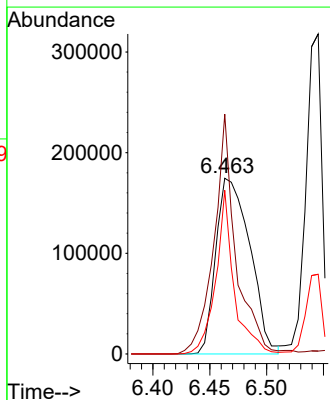
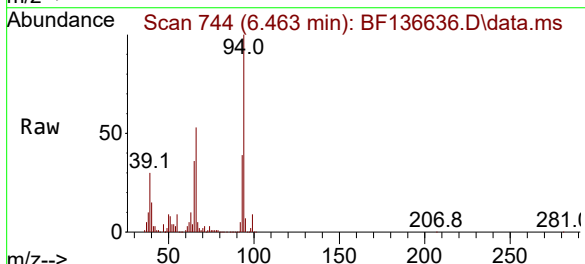
Instrument :
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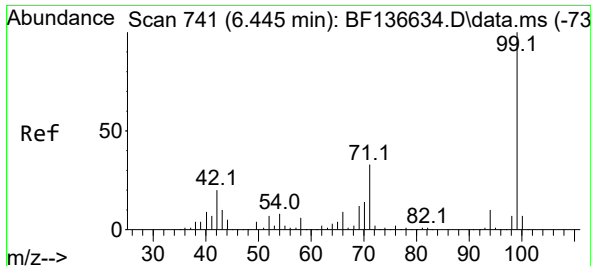
Tgt Ion:112 Resp: 568219
Ion Ratio Lower Upper
112 100
64 60.0 49.7 74.5
63 31.0 25.8 38.6



#6
Aniline
Concen: 54.277 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion: 93 Resp: 364641
Ion Ratio Lower Upper
93 100
66 136.6 55.5 83.3#
65 93.1 31.5 47.3#

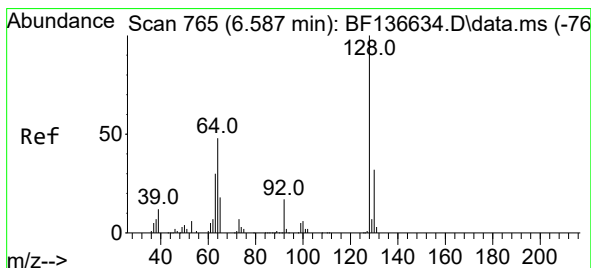
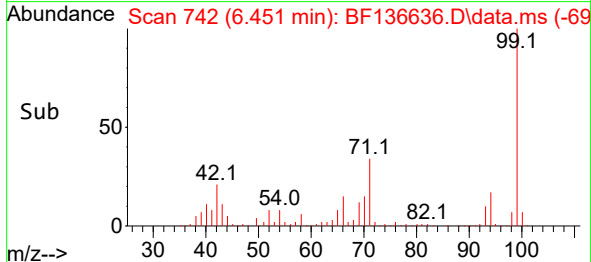
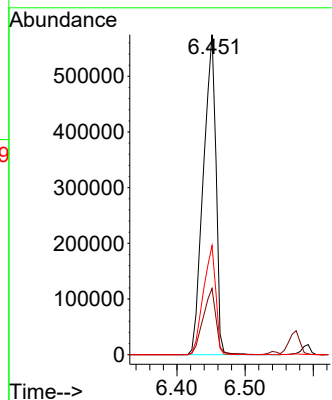
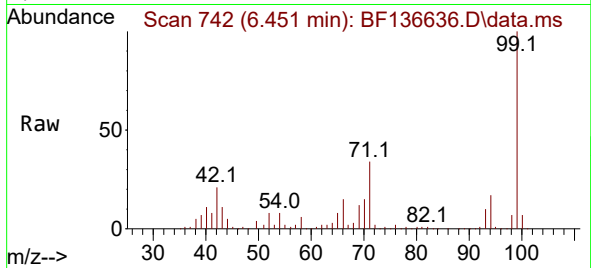




#7
Phenol-d6
Concen: 111.218 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

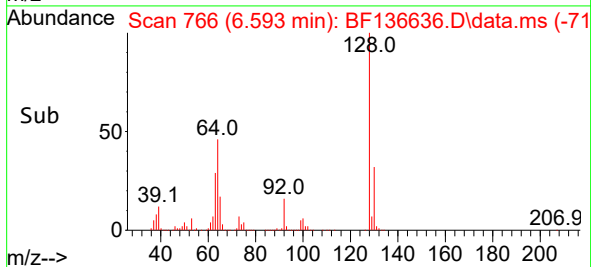
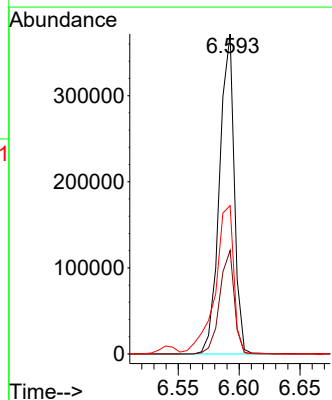
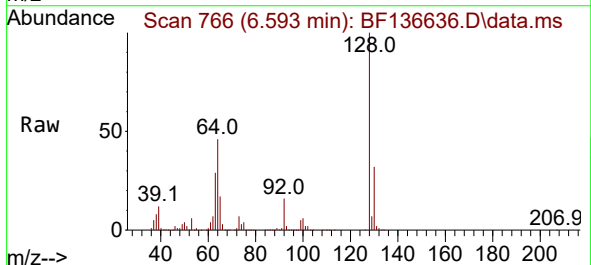
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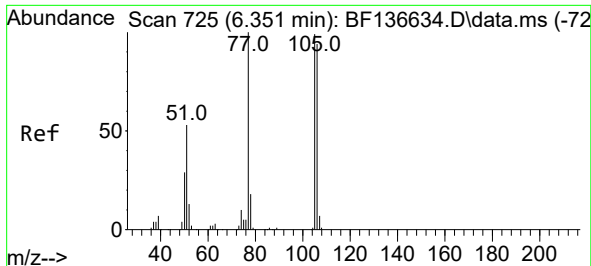
Tgt Ion: 99 Resp: 739328
Ion Ratio Lower Upper
99 100
42 20.7 16.2 24.4
71 34.1 26.6 39.8



#8
2-Chlorophenol
Concen: 53.971 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:128 Resp: 313929
Ion Ratio Lower Upper
128 100
130 32.3 12.0 52.0
64 46.3 29.2 69.2





#9

Benzaldehyde

Concen: 51.286 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

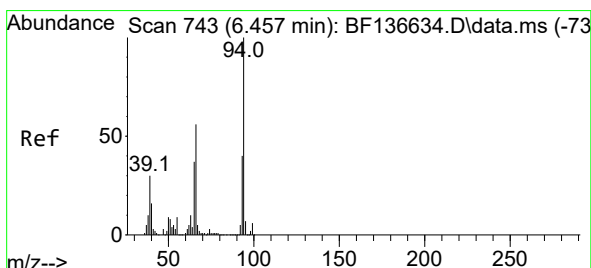
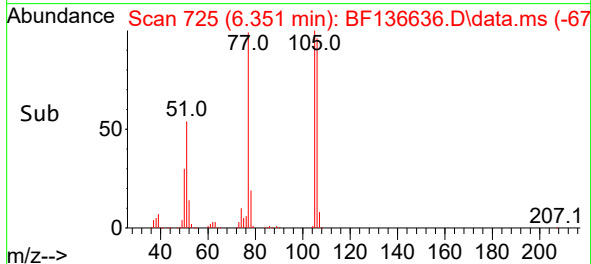
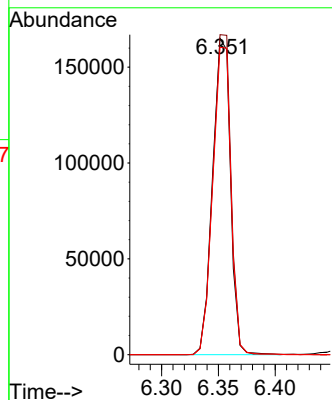
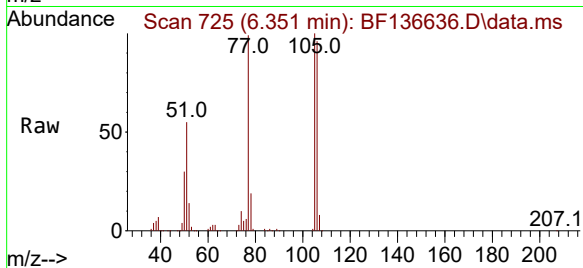
Tgt Ion: 77 Resp: 180852

Ion Ratio Lower Upper

77 100

105 101.2 79.2 119.2

106 97.2 73.6 113.6



#10

Phenol

Concen: 55.323 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

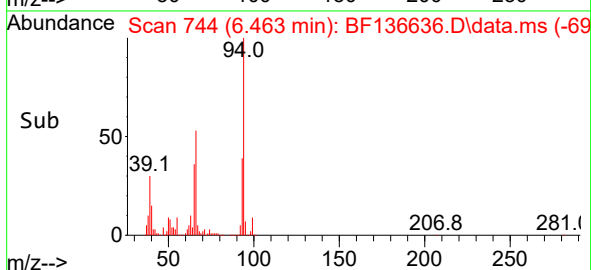
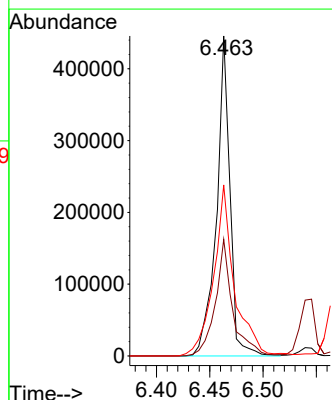
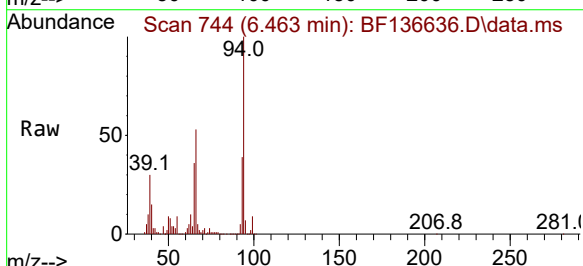
Tgt Ion: 94 Resp: 391333

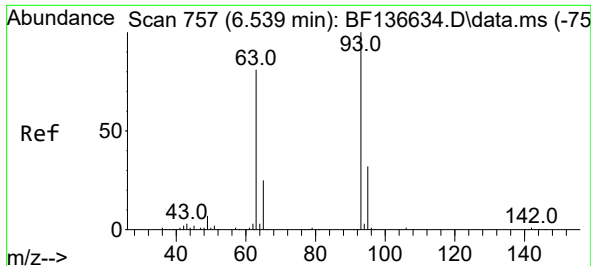
Ion Ratio Lower Upper

94 100

65 36.5 16.8 56.8

66 53.5 36.2 76.2

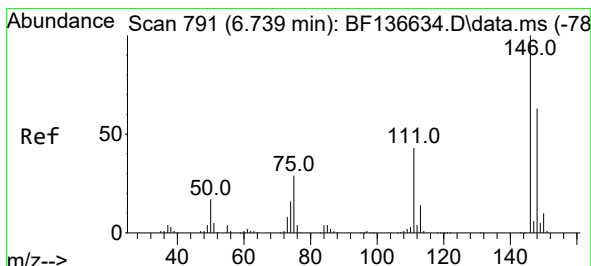
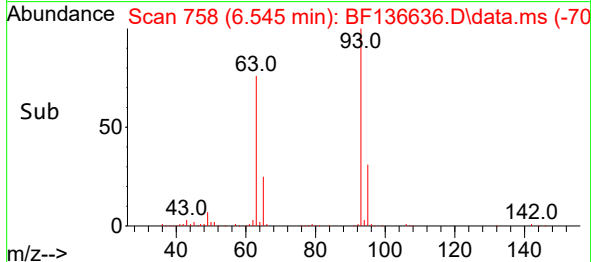
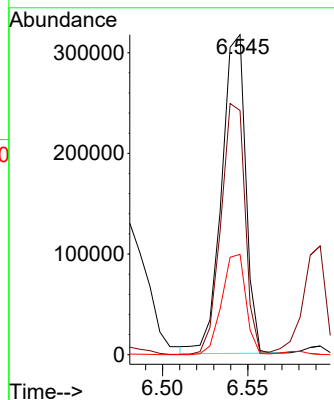
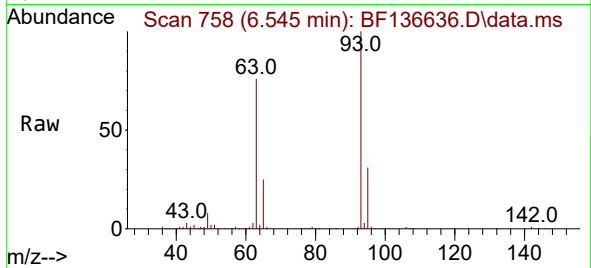




#11
bis(2-Chloroethyl)ether
Concen: 59.376 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

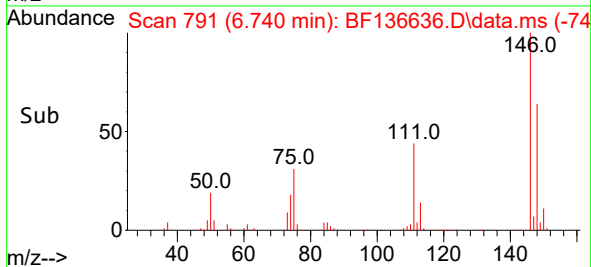
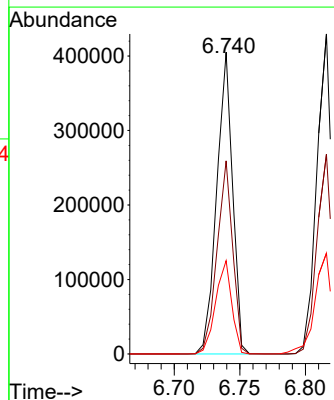
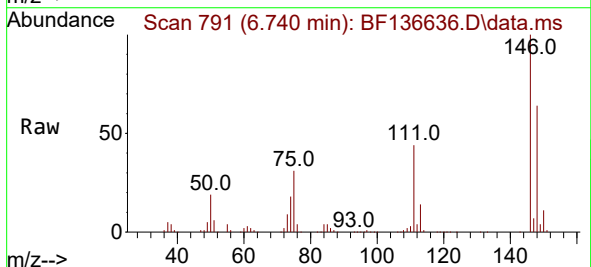
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

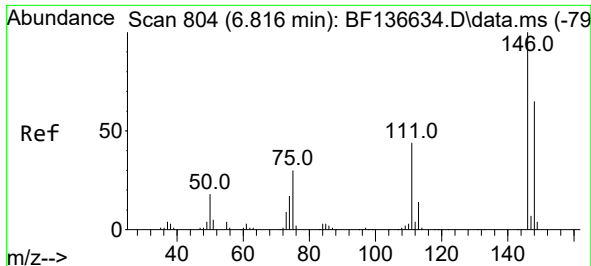
Tgt Ion: 93 Resp: 313063
Ion Ratio Lower Upper
93 100
63 76.3 59.7 99.7
95 31.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 52.129 ng
RT: 6.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion: 146 Resp: 340999
Ion Ratio Lower Upper
146 100
148 64.0 50.3 75.5
75 30.9 23.4 35.2

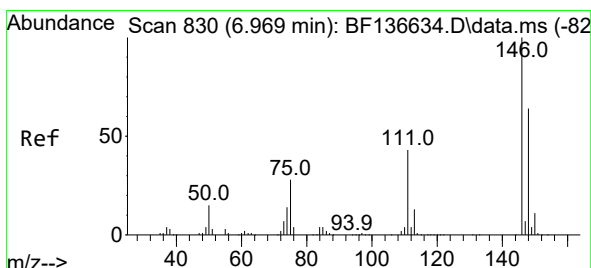
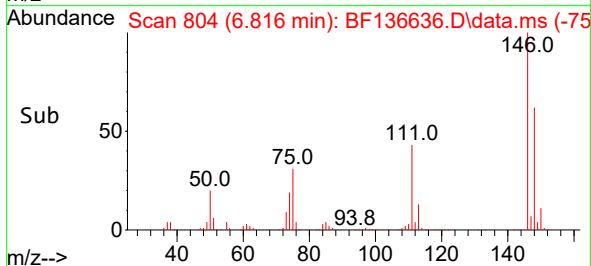
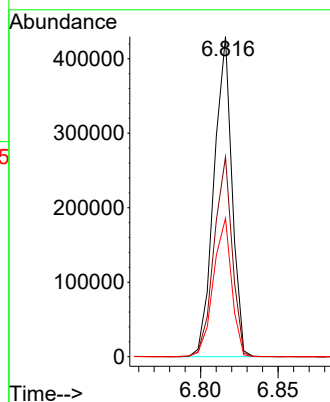
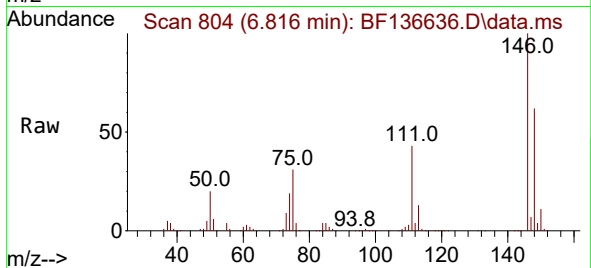




#13
1,4-Dichlorobenzene
Concen: 52.439 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

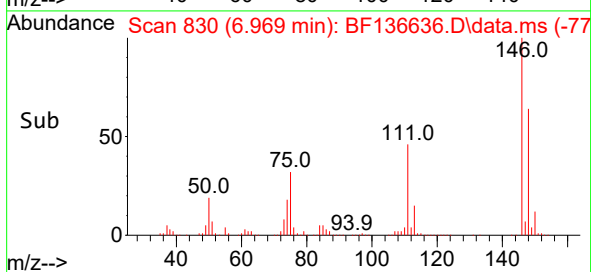
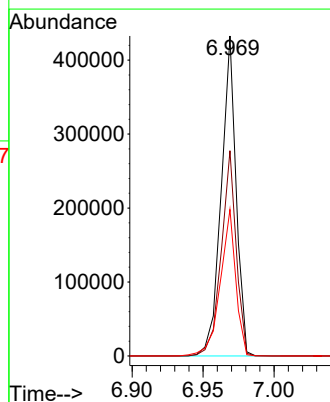
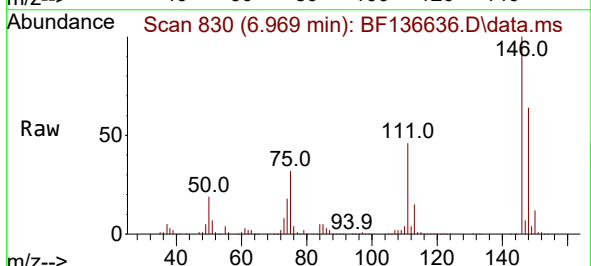
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

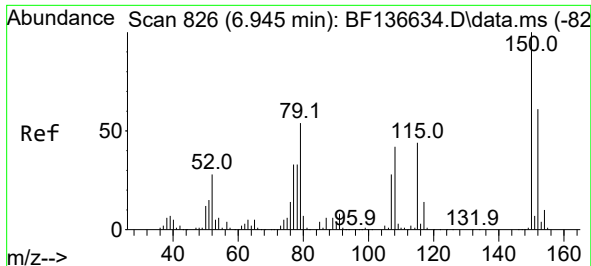
Tgt Ion:146 Resp: 347967
Ion Ratio Lower Upper
146 100
148 62.4 51.7 77.5
111 43.2 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 50.456 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:146 Resp: 314840
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
111 45.8 34.5 51.7

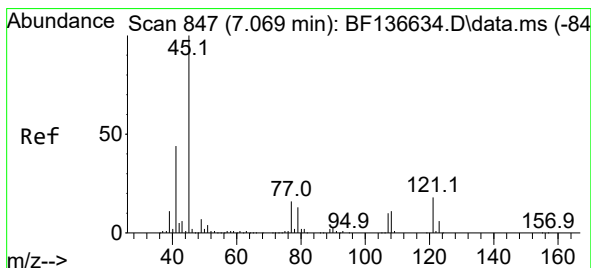
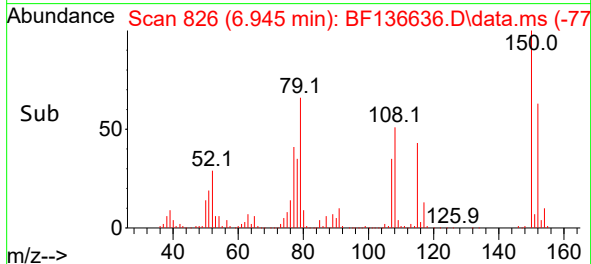
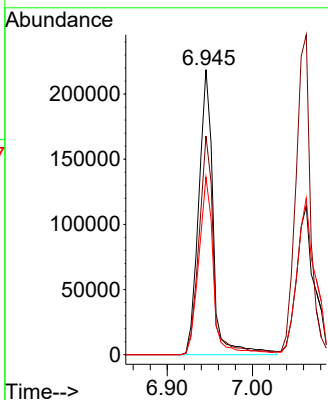
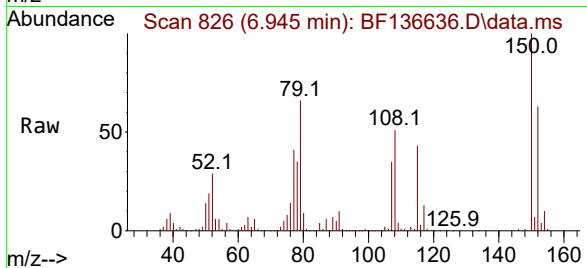




#15
Benzyl Alcohol
Concen: 57.967 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

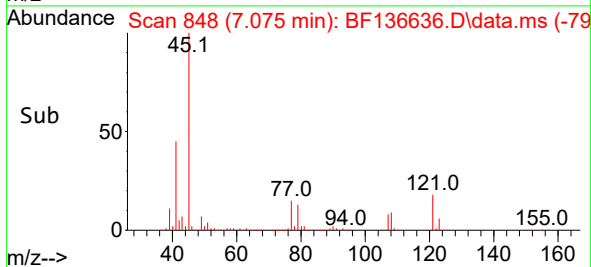
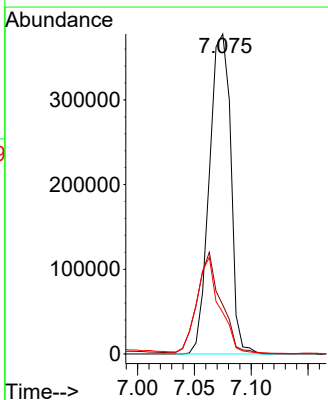
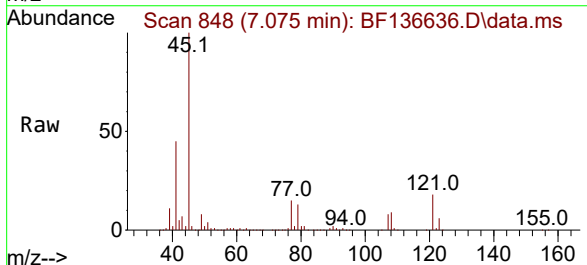
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

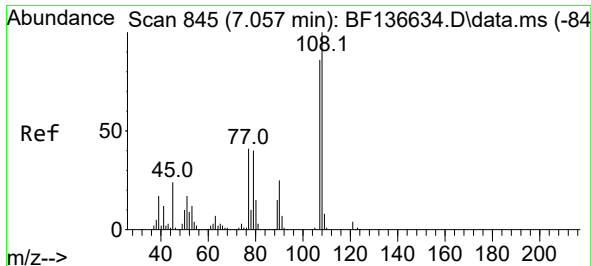
Tgt Ion: 79 Resp: 258033
Ion Ratio Lower Upper
79 100
108 76.7 62.3 93.5
77 62.3 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 73.037 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion: 45 Resp: 495282
Ion Ratio Lower Upper
45 100
77 15.4 0.0 36.5
79 12.9 0.0 33.7





#17

2-Methylphenol

Concen: 54.815 ng

RT: 7.063 min Scan# 845

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 257592

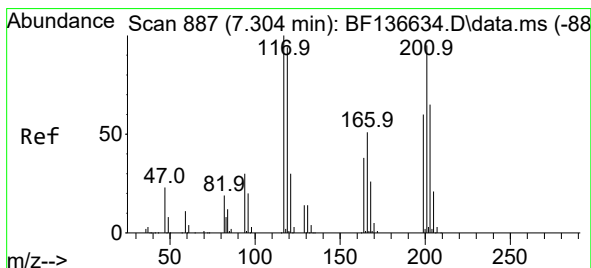
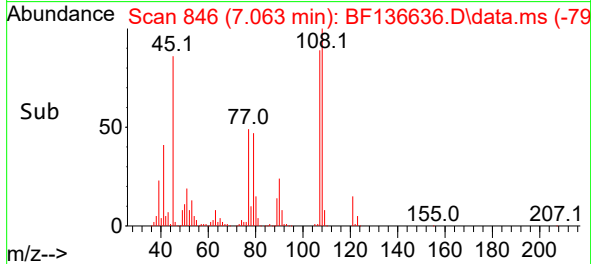
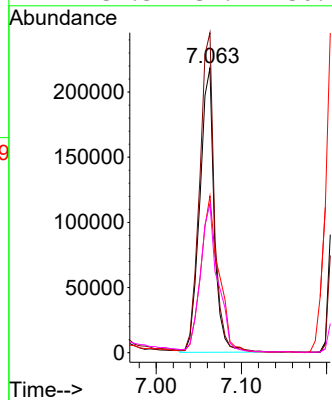
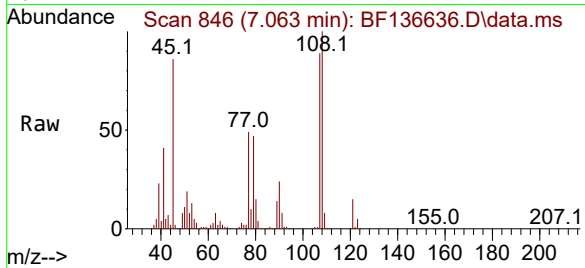
Ion Ratio Lower Upper

107 100

108 112.4 92.6 139.0

77 55.0 37.9 56.9

79 52.3 37.4 56.2



#18

Hexachloroethane

Concen: 54.868 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

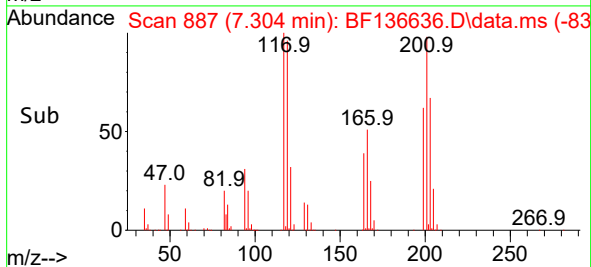
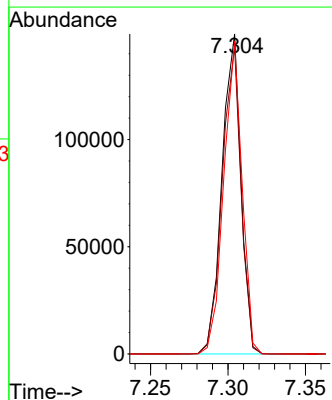
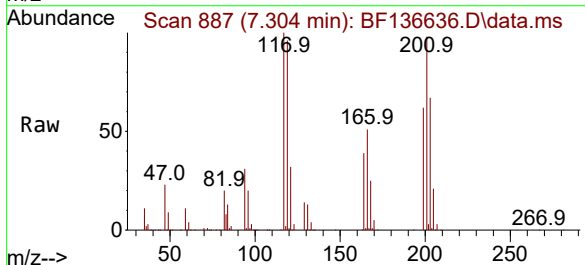
Tgt Ion:117 Resp: 127114

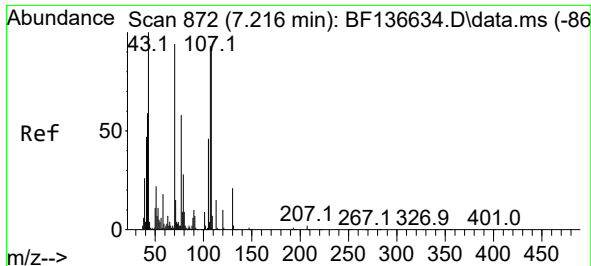
Ion Ratio Lower Upper

117 100

119 96.0 75.6 113.4

201 97.8 75.7 113.5

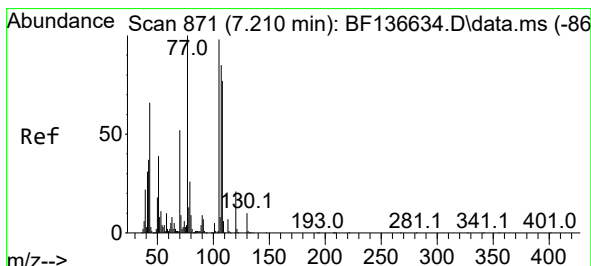
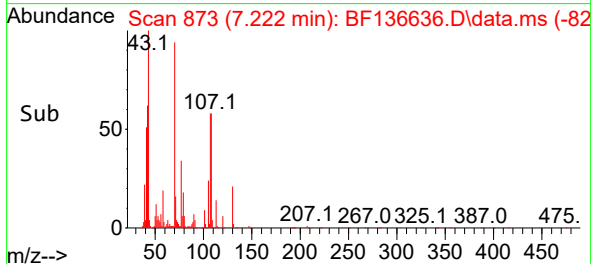
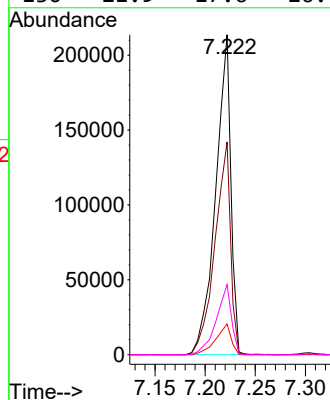
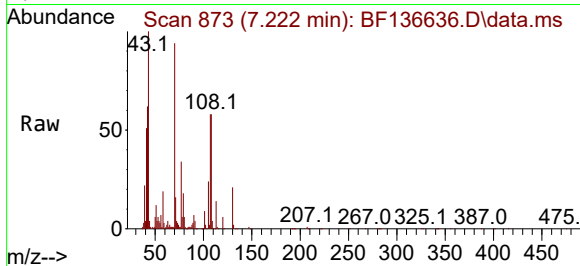




#19
n-Nitroso-di-n-propylamine
Concen: 58.705 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

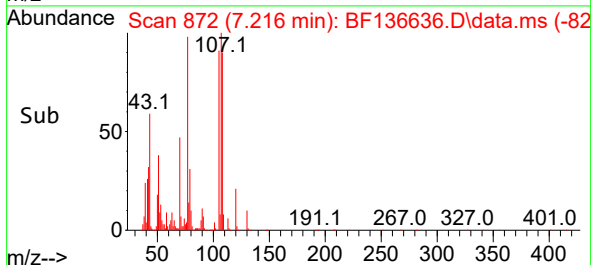
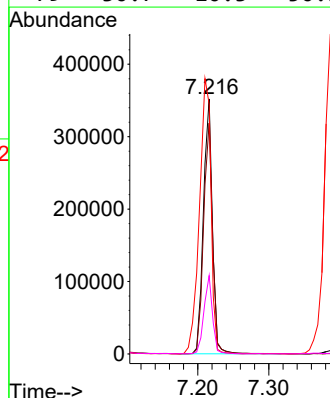
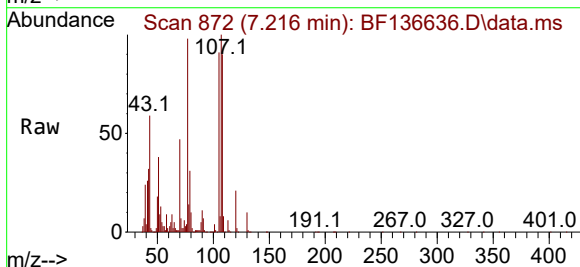
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

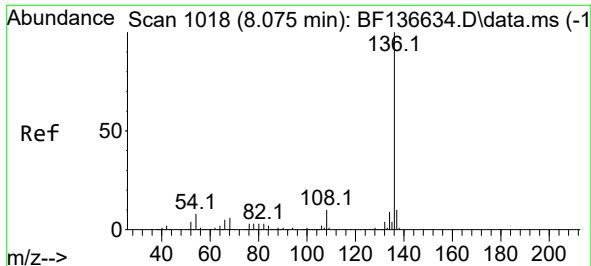
Tgt Ion: 70 Resp: 225113
Ion Ratio Lower Upper
70 100
42 66.5 50.1 75.1
101 9.6 8.1 12.1
130 21.9 17.6 26.4



#20
3+4-Methylphenols
Concen: 52.991 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion: 107 Resp: 309090
Ion Ratio Lower Upper
107 100
108 90.5 70.4 110.4
77 98.0 97.1 137.1
79 30.7 10.3 50.3

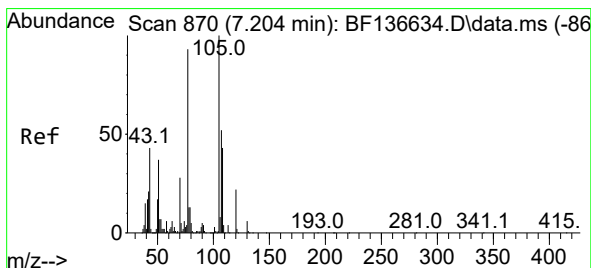
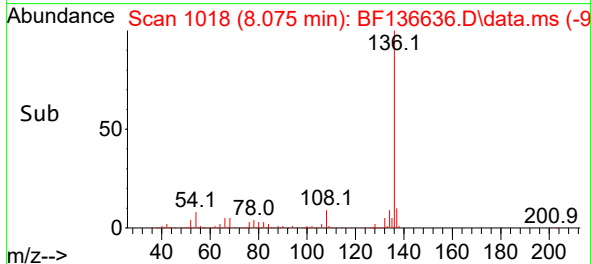
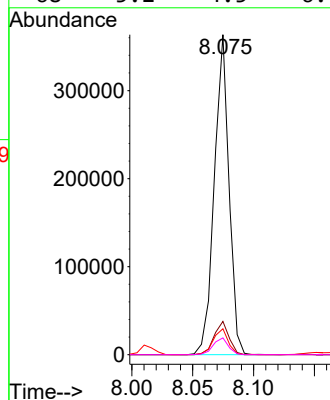
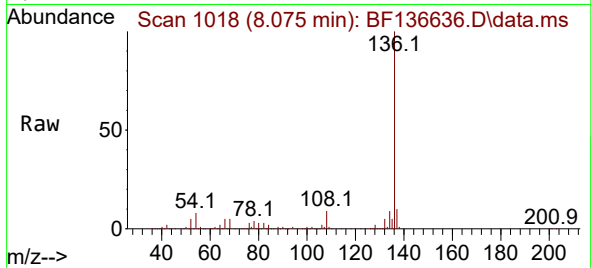




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

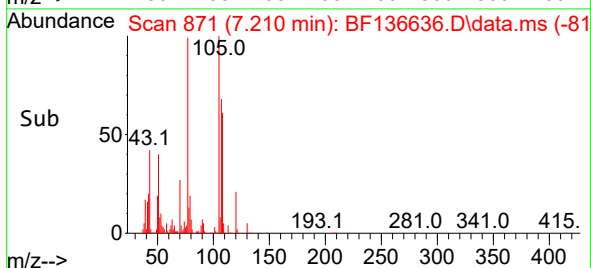
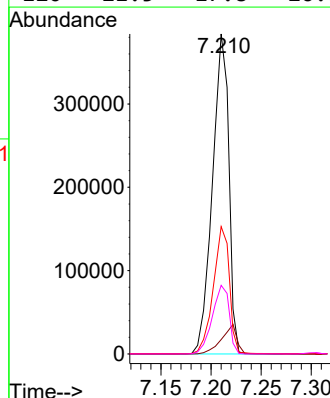
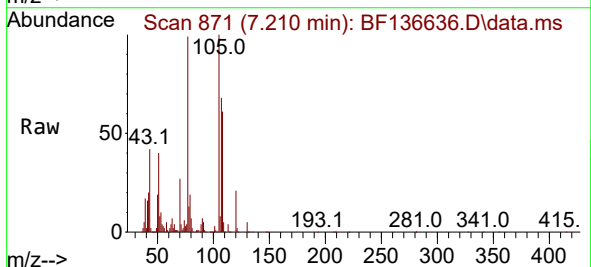
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

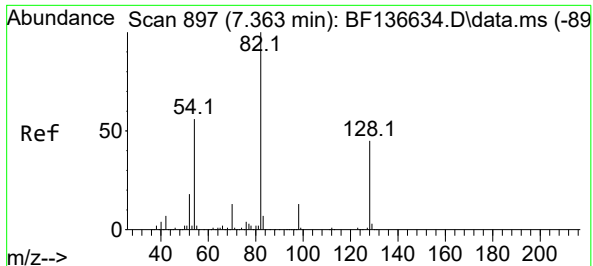
Tgt Ion:136 Resp: 303955
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.4
54 8.1 6.4 9.6
68 5.2 4.5 6.7



#22
Acetophenone
Concen: 58.052 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:105 Resp: 435727
Ion Ratio Lower Upper
105 100
71 4.5 3.8 5.6
51 39.8 29.8 44.6
120 21.5 17.8 26.8





#23

Nitrobenzene-d5

Concen: 123.789 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

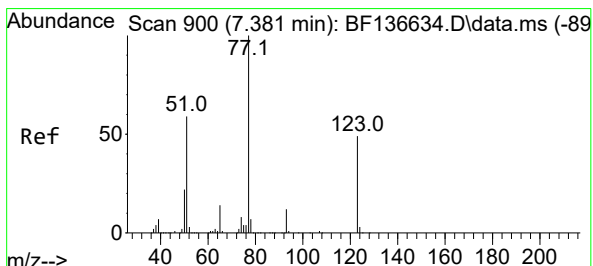
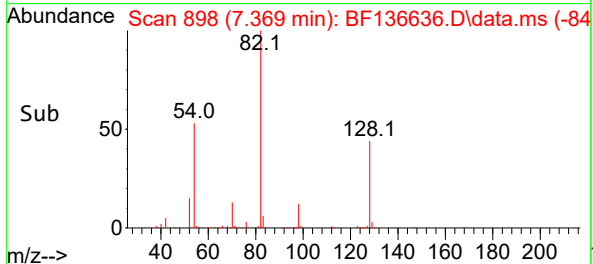
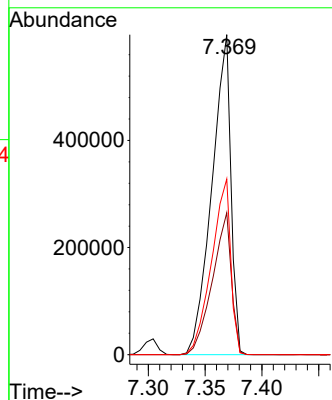
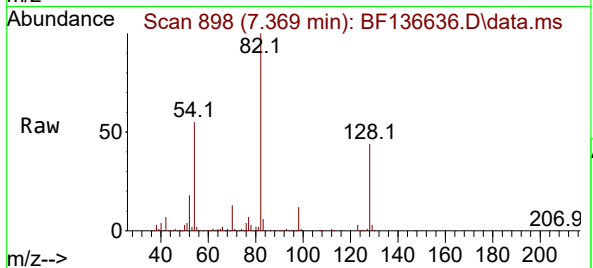
Tgt Ion: 82 Resp: 696005

Ion Ratio Lower Upper

82 100

128 44.4 35.7 53.5

54 54.9 44.5 66.7



#24

Nitrobenzene

Concen: 63.018 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

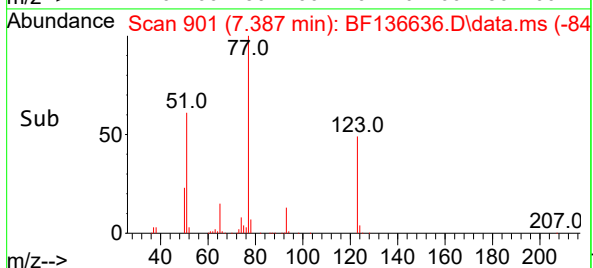
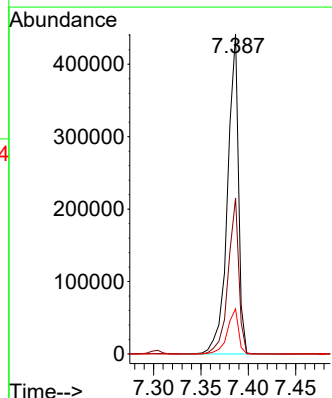
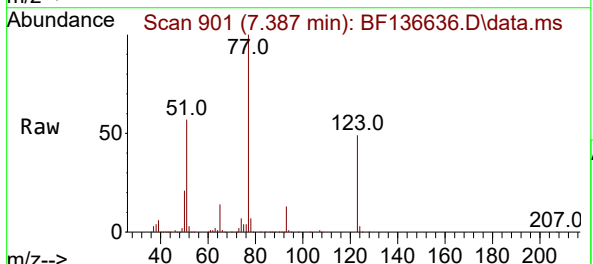
Tgt Ion: 77 Resp: 356434

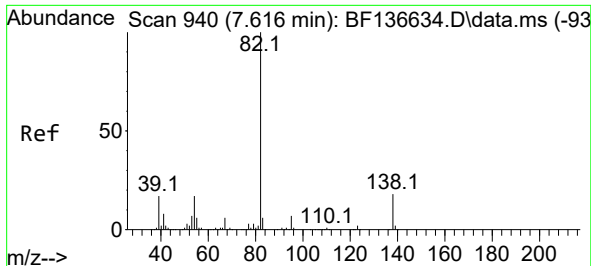
Ion Ratio Lower Upper

77 100

123 48.7 39.2 58.8

65 14.1 11.5 17.3

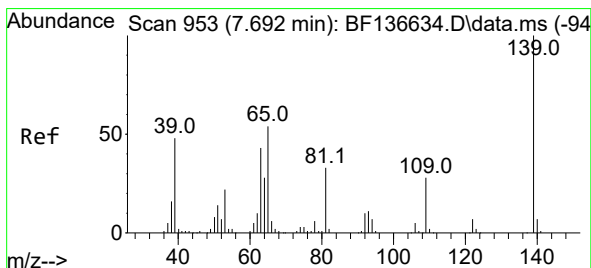
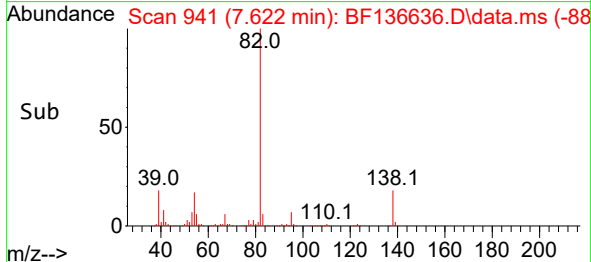
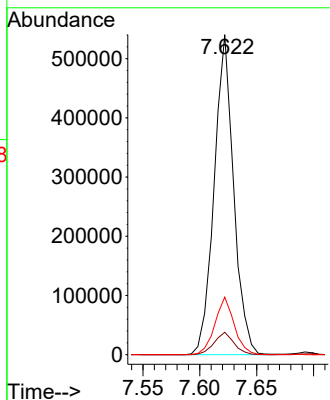
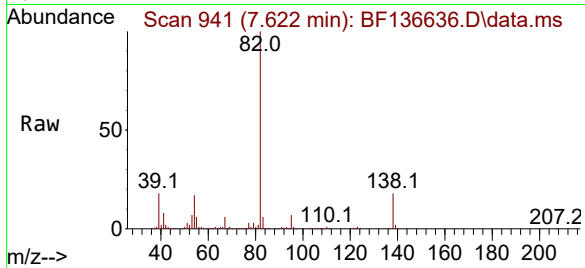




#25
Isophorone
Concen: 63.926 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

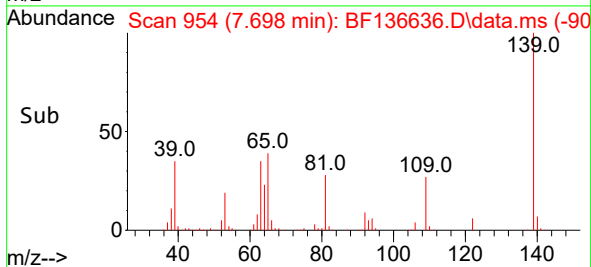
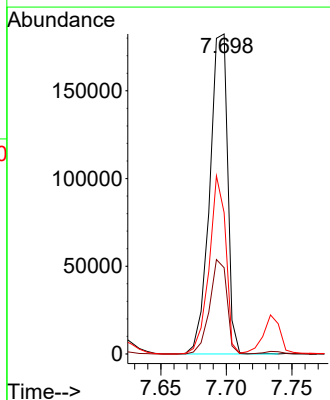
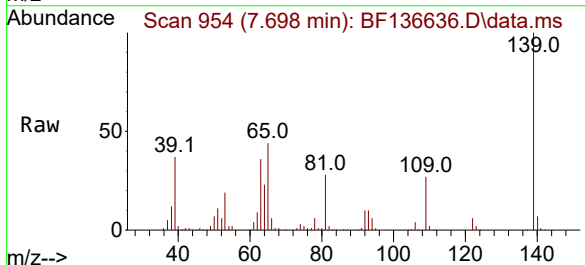
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

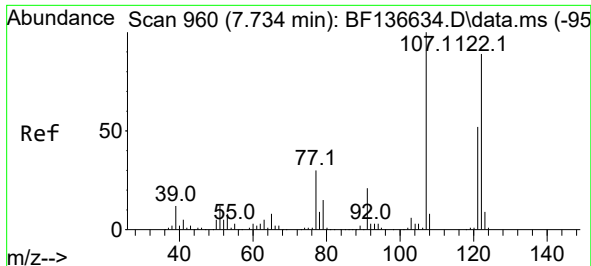
Tgt Ion: 82 Resp: 645746
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.0 14.2 21.4



#26
2-Nitrophenol
Concen: 62.525 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:139 Resp: 173860
Ion Ratio Lower Upper
139 100
109 27.0 22.4 33.6
65 44.2 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 61.631 ng

RT: 7.734 min Scan# 960

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

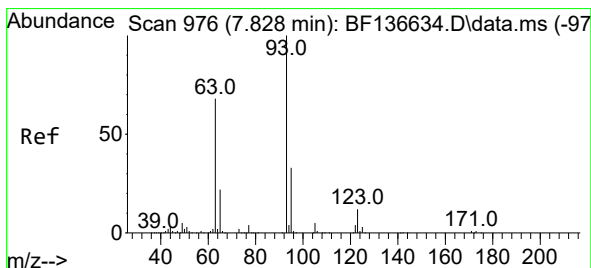
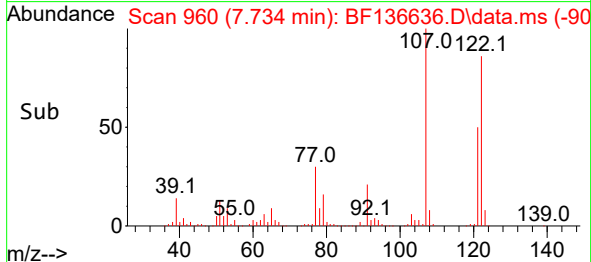
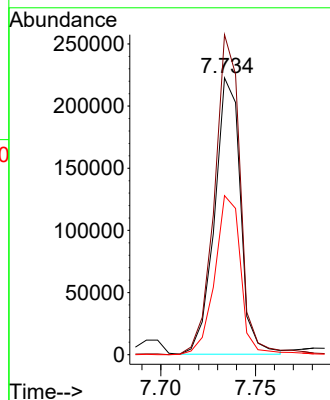
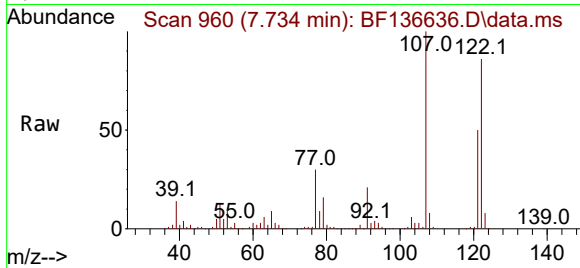
Tgt Ion:122 Resp: 211315

Ion Ratio Lower Upper

122 100

107 115.6 89.4 134.2

121 57.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 62.406 ng

RT: 7.828 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

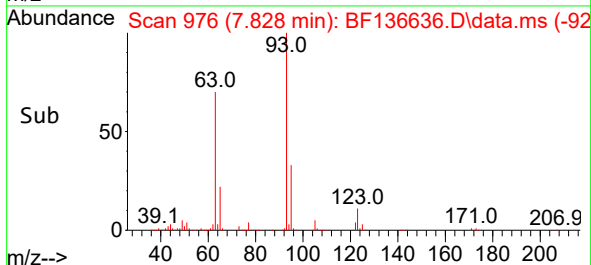
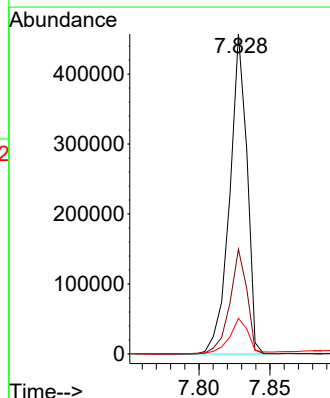
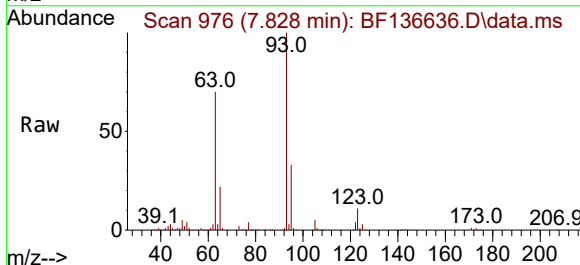
Tgt Ion: 93 Resp: 387359

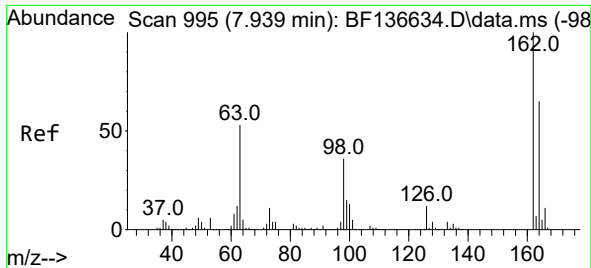
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 57.441 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

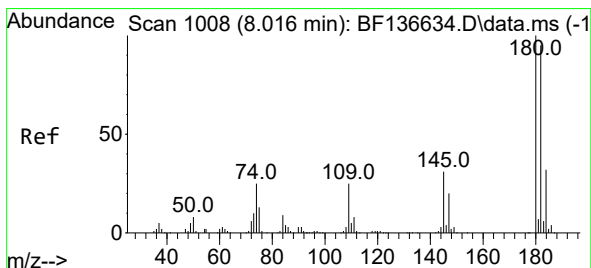
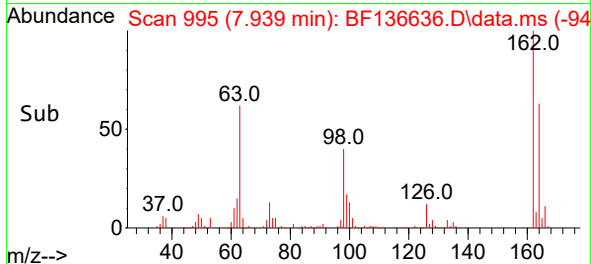
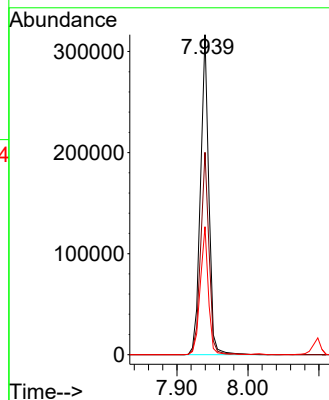
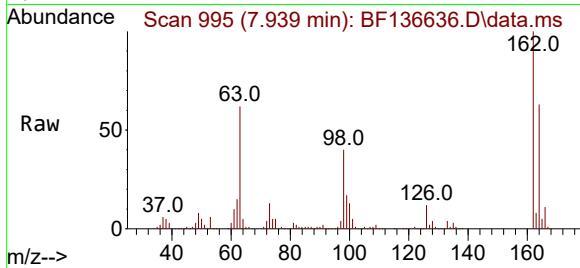
Tgt Ion:162 Resp: 259959

Ion Ratio Lower Upper

162 100

164 63.2 44.9 84.9

98 40.0 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 54.207 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

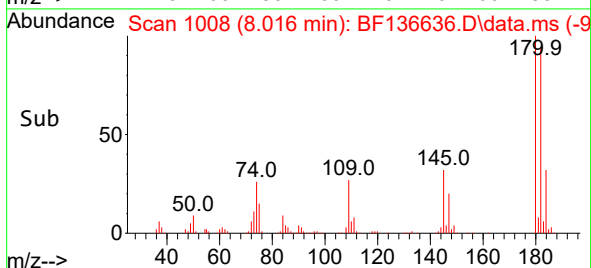
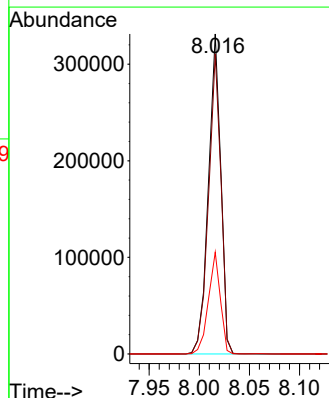
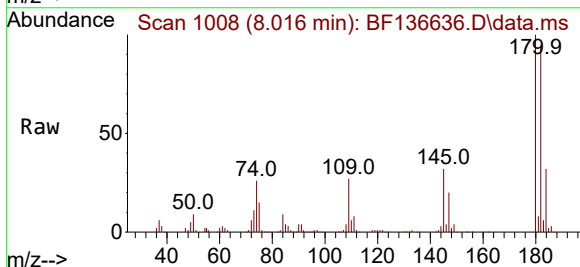
Tgt Ion:180 Resp: 286063

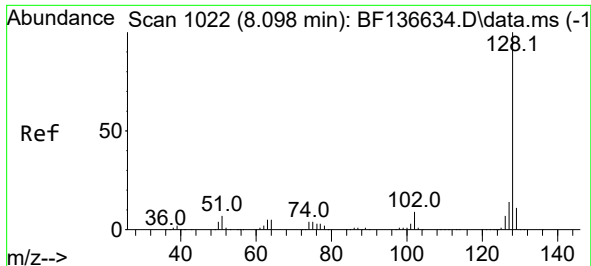
Ion Ratio Lower Upper

180 100

182 93.8 75.8 113.6

145 31.8 24.6 37.0





#31

Naphthalene

Concen: 56.912 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

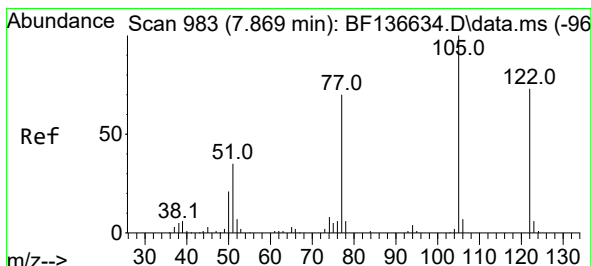
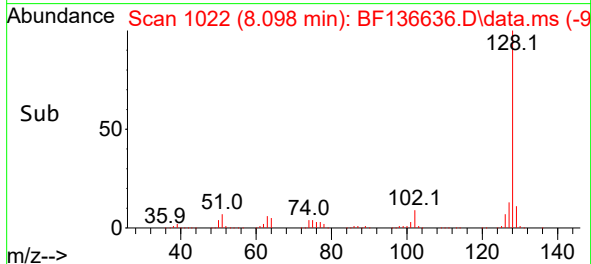
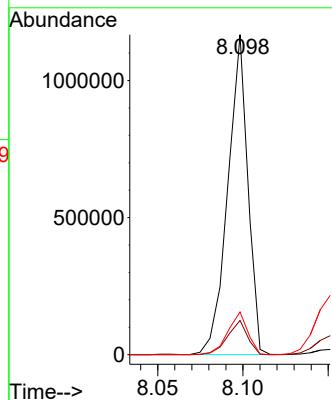
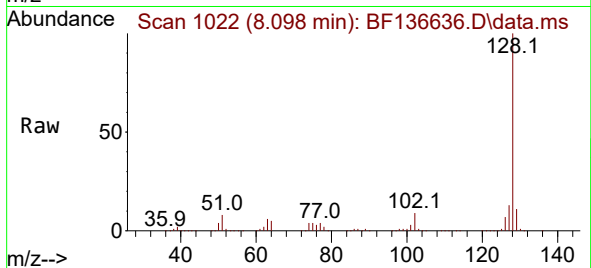
Tgt Ion:128 Resp: 953950

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 55.550 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.024 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

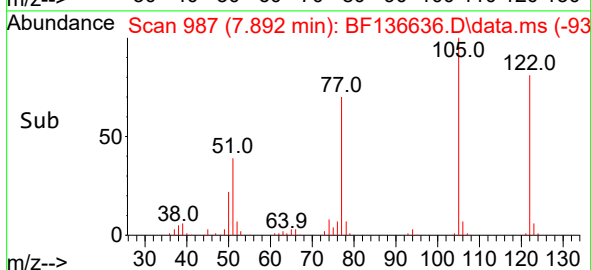
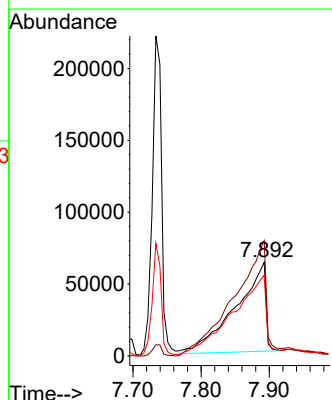
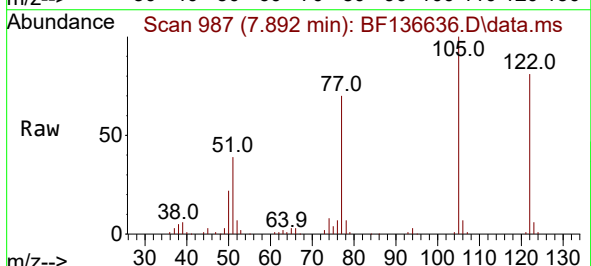
Tgt Ion:122 Resp: 188942

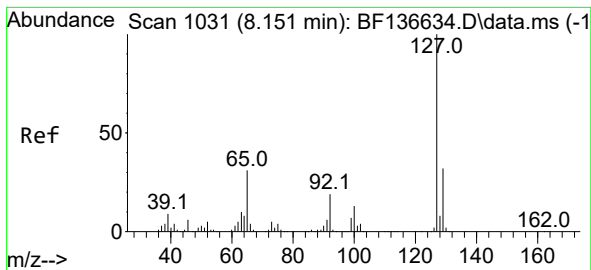
Ion Ratio Lower Upper

122 100

105 122.9 111.6 151.6

77 86.1 73.3 113.3

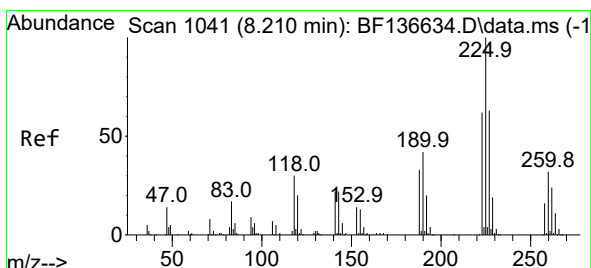
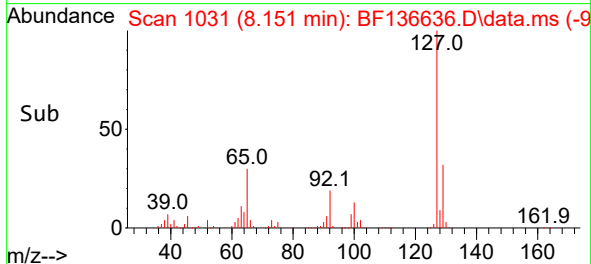
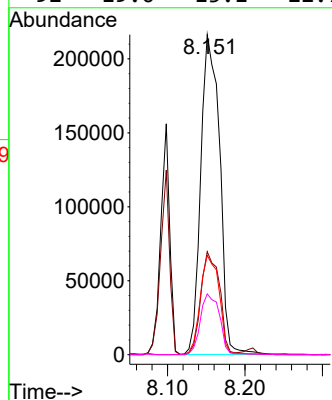
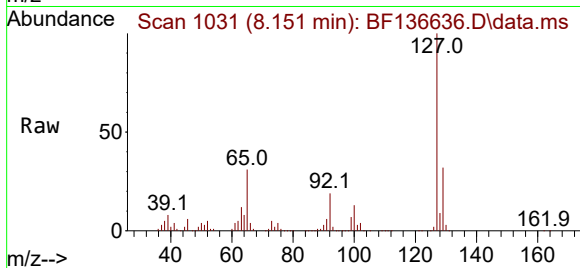




#33
4-Chloroaniline
Concen: 61.197 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

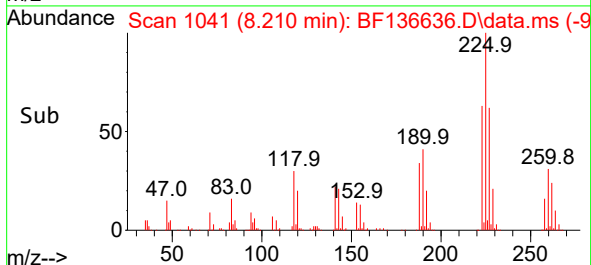
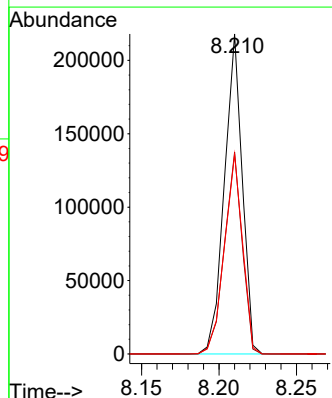
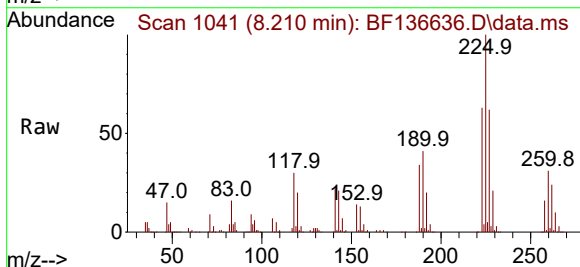
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

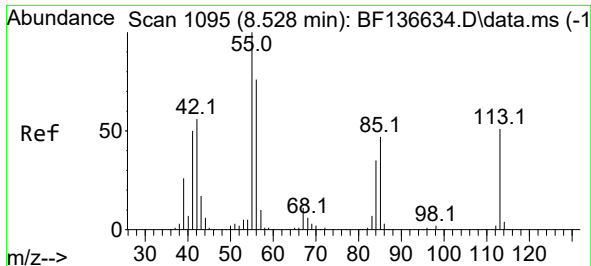
Tgt Ion:	127	Resp:	365699
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.6	38.4
65	31.0	24.9	37.3
92	19.0	15.1	22.7



#34
Hexachlorobutadiene
Concen: 55.804 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:	225	Resp:	174528
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.2
227	62.4	50.2	75.2

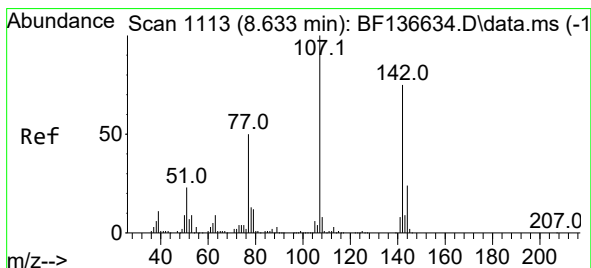
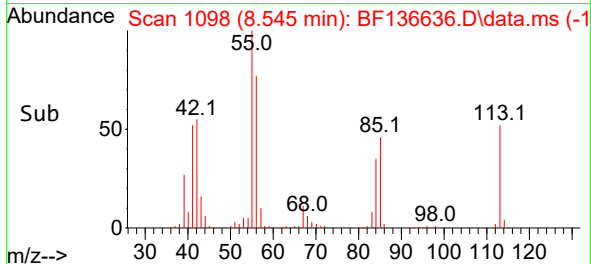
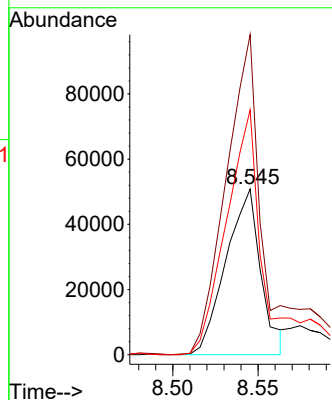
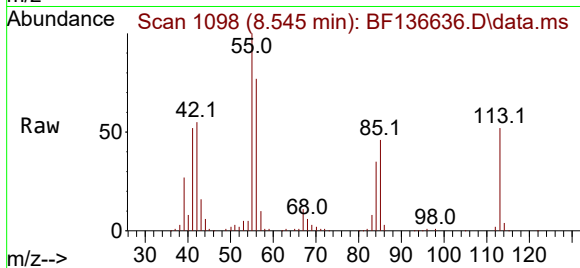




#35
 Caprolactam
 Concen: 51.974 ng
 RT: 8.545 min Scan# 1109
 Delta R.T. 0.018 min
 Lab File: BF136636.D
 Acq: 19 Dec 2023 18:12

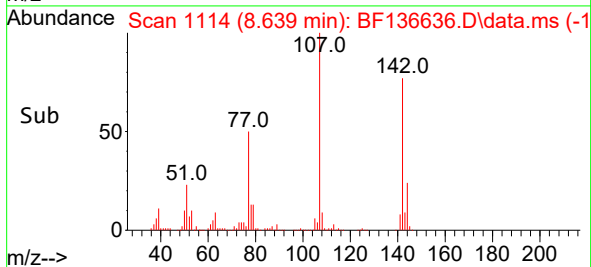
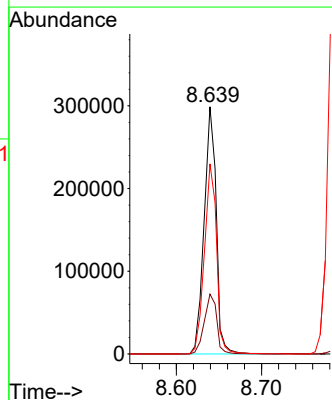
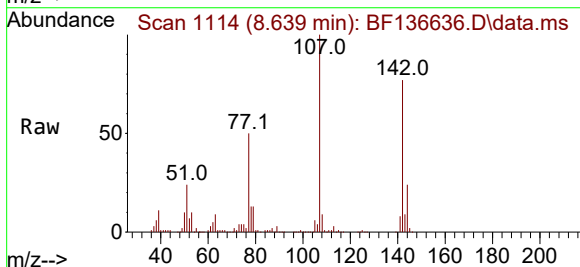
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

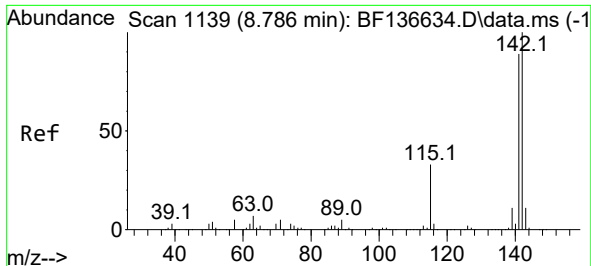
Tgt Ion:113 Resp: 72436
 Ion Ratio Lower Upper
 113 100
 55 193.2 174.3 214.3
 56 147.8 127.6 167.6



#36
 4-Chloro-3-methylphenol
 Concen: 61.233 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136636.D
 Acq: 19 Dec 2023 18:12

Tgt Ion:107 Resp: 294241
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.0 28.6
 142 76.9 59.8 89.8

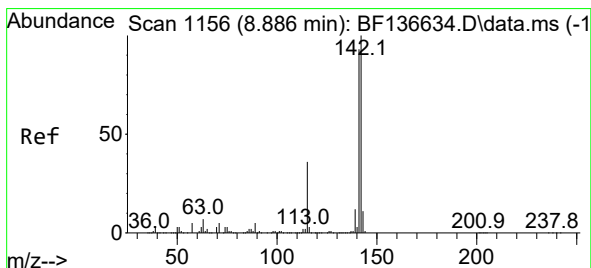
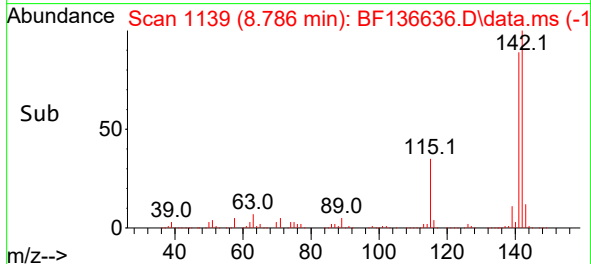
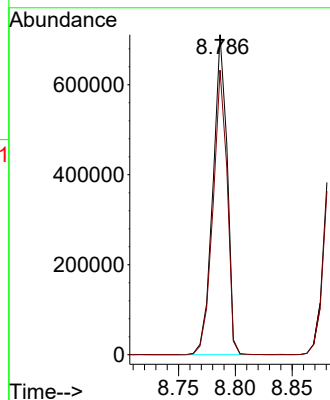
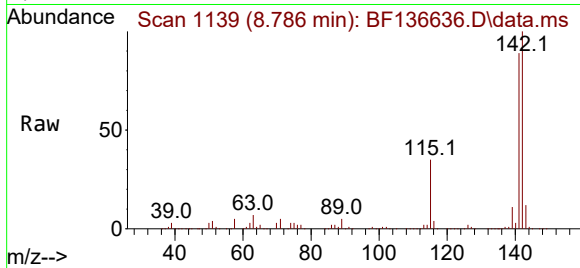




#37
2-Methylnaphthalene
Concen: 57.772 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

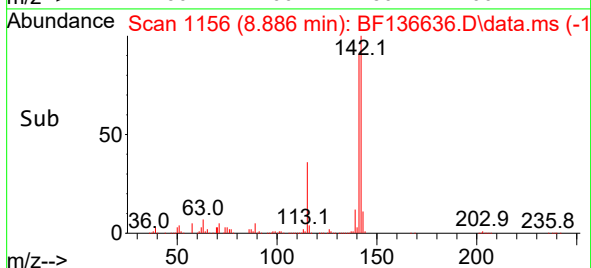
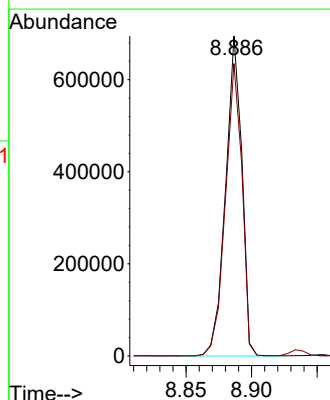
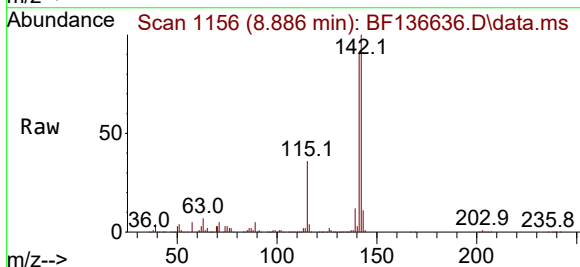
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

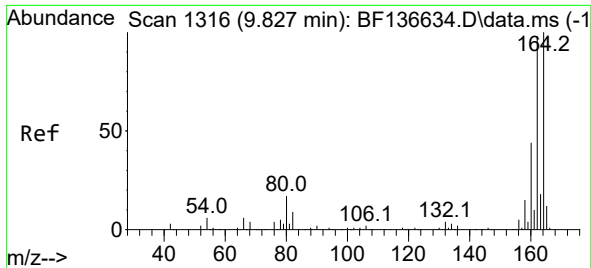
Tgt Ion:142 Resp: 616063
Ion Ratio Lower Upper
142 100
141 88.9 71.5 107.3



#38
1-Methylnaphthalene
Concen: 57.274 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:142 Resp: 599326
Ion Ratio Lower Upper
142 100
141 91.4 74.6 112.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

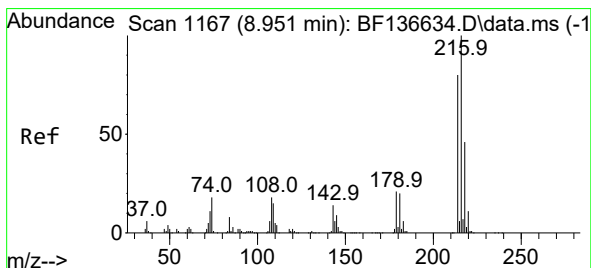
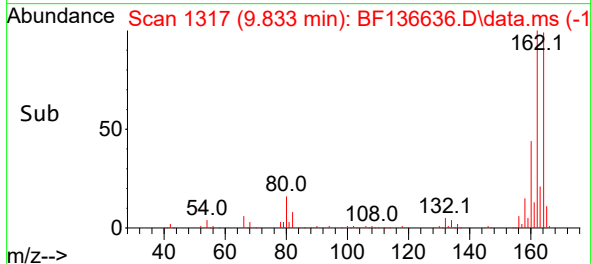
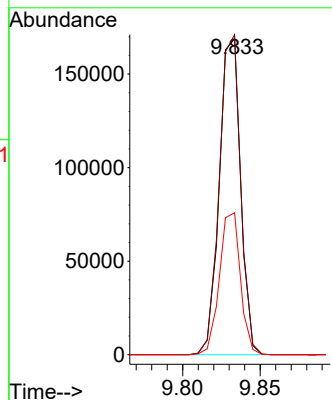
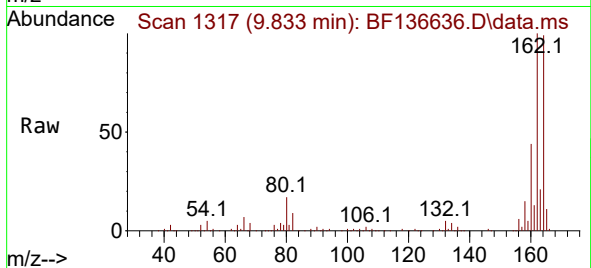
Tgt Ion:164 Resp: 161741

Ion Ratio Lower Upper

164 100

162 101.3 78.4 117.6

160 44.9 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.395 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Tgt Ion:216 Resp: 283781

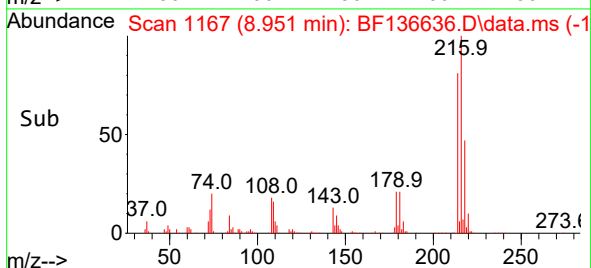
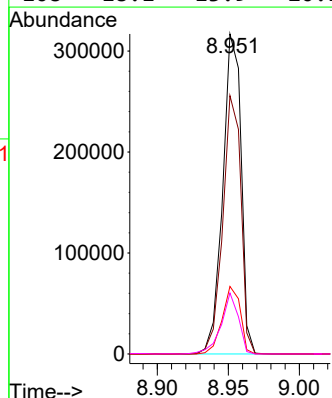
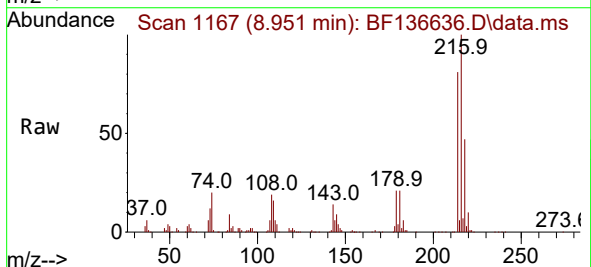
Ion Ratio Lower Upper

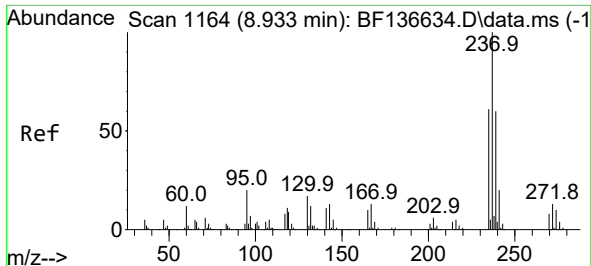
216 100

214 79.7 63.4 95.2

179 20.8 16.5 24.7

108 18.1 13.9 20.9

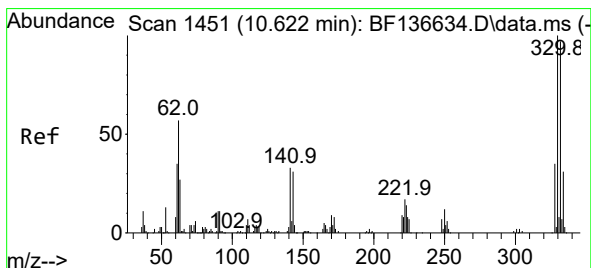
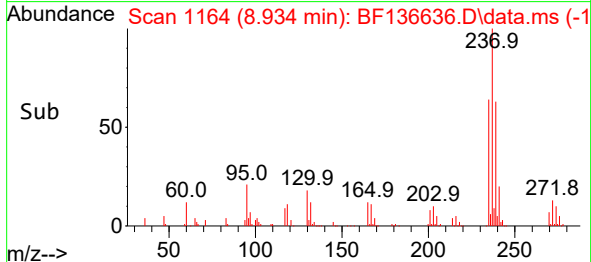
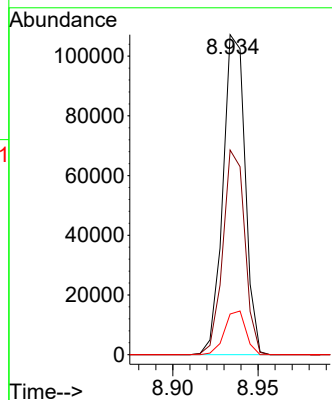
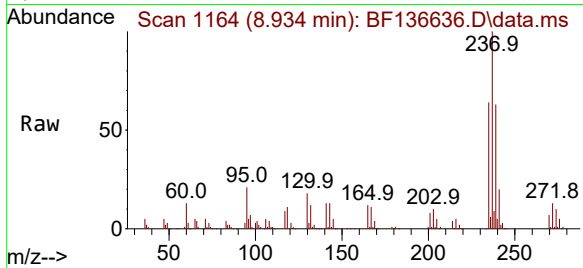




#41
Hexachlorocyclopentadiene
Concen: 52.114 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

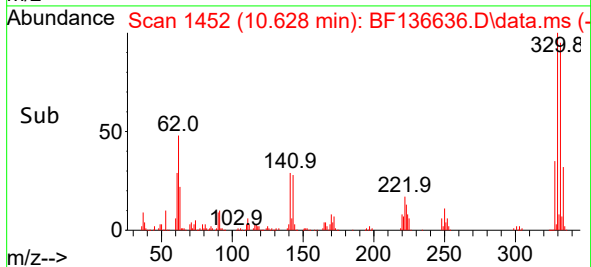
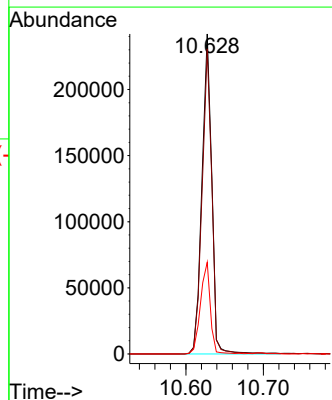
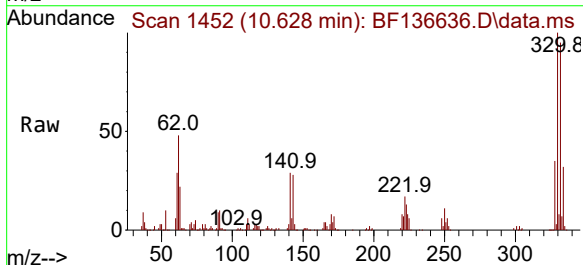
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

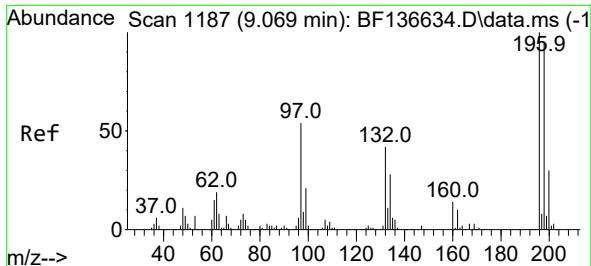
Tgt Ion:237 Resp: 97152
Ion Ratio Lower Upper
237 100
235 63.9 41.4 81.4
272 12.7 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 106.524 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:330 Resp: 212438
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 28.8 23.4 35.0

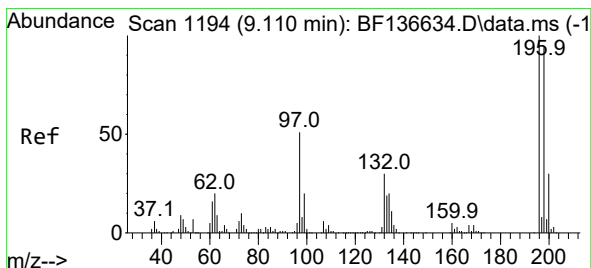
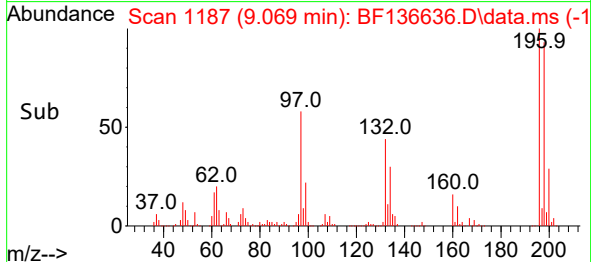
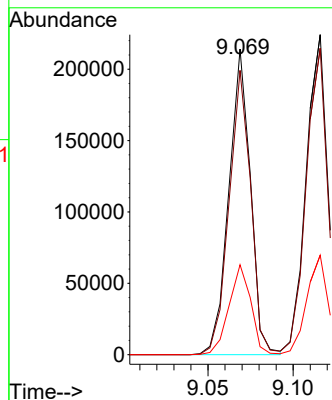
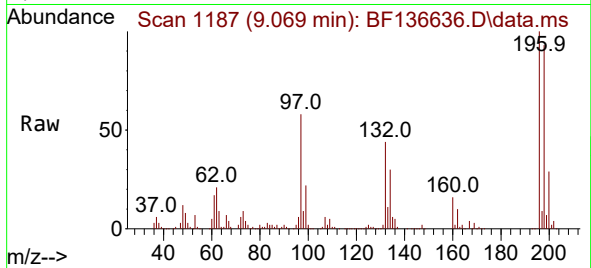




#43
2,4,6-Trichlorophenol
Concen: 57.537 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

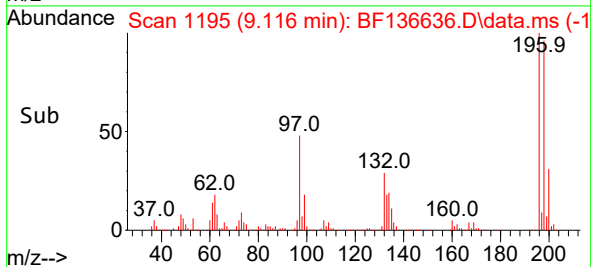
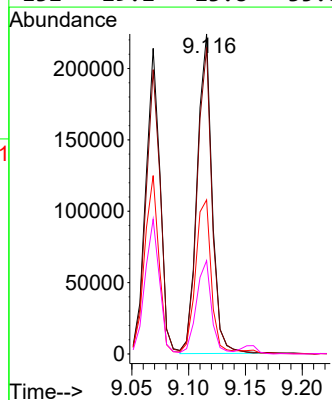
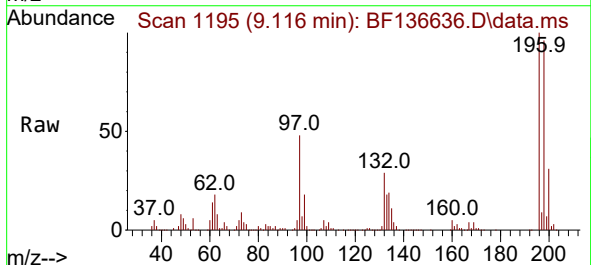
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

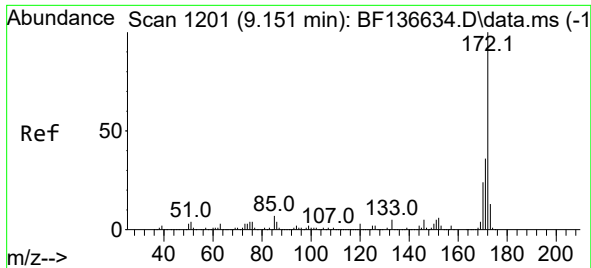
Tgt Ion:196 Resp: 188518
Ion Ratio Lower Upper
196 100
198 93.0 76.2 114.2
200 29.4 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 56.068 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:196 Resp: 205034
Ion Ratio Lower Upper
196 100
198 95.7 75.4 113.0
97 48.1 41.0 61.6
132 29.2 23.8 35.8

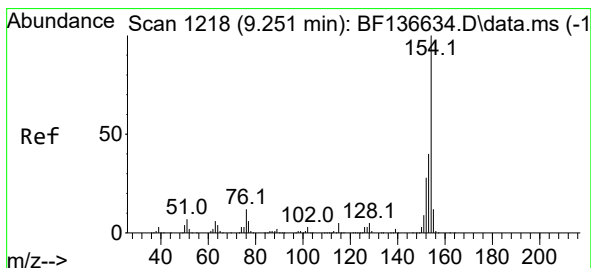
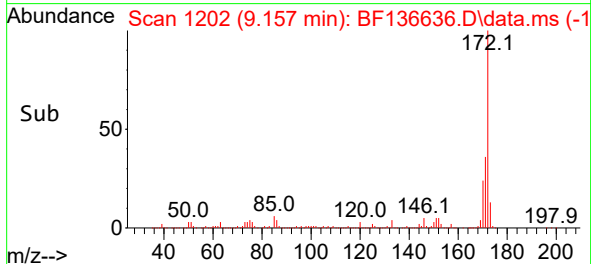
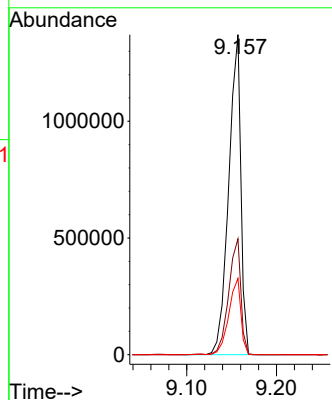
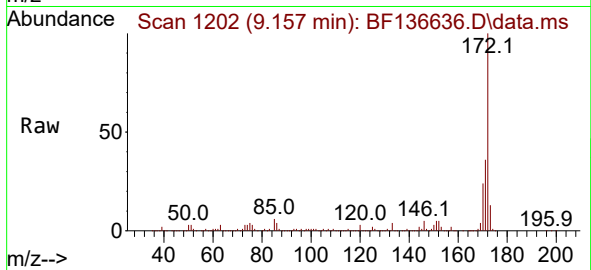




#45
2-Fluorobiphenyl
Concen: 108.532 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

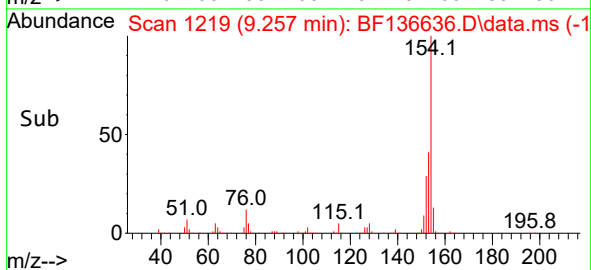
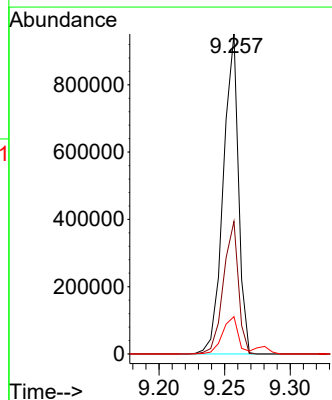
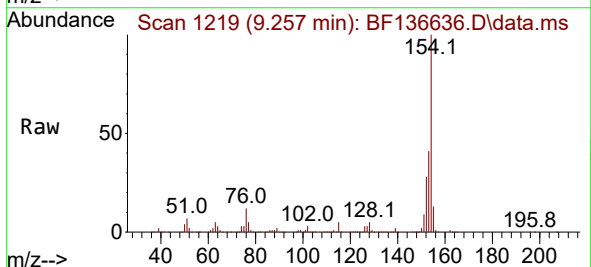
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

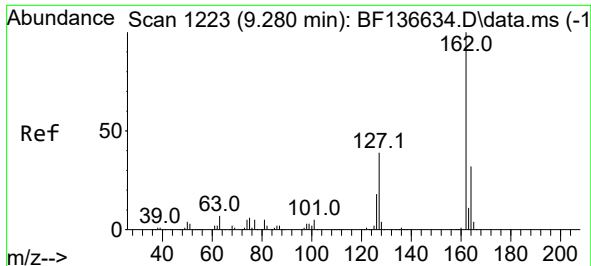
Tgt Ion:172 Resp: 1286481
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 55.362 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:154 Resp: 761915
Ion Ratio Lower Upper
154 100
153 41.4 20.5 60.5
76 11.6 0.0 32.2

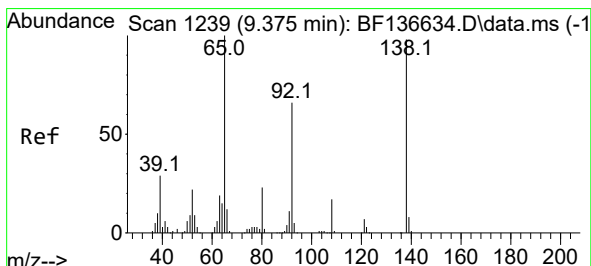
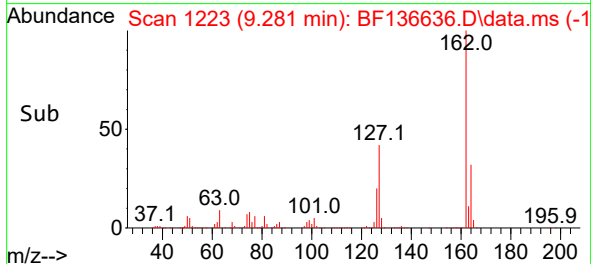
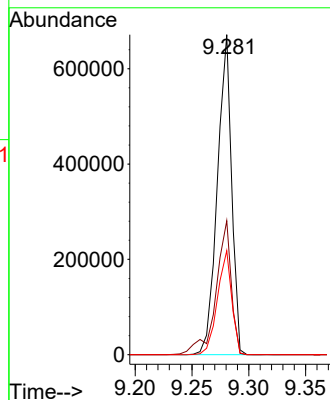
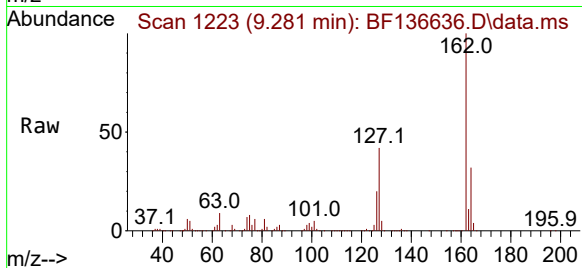




#47
2-Chloronaphthalene
Concen: 54.691 ng
RT: 9.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

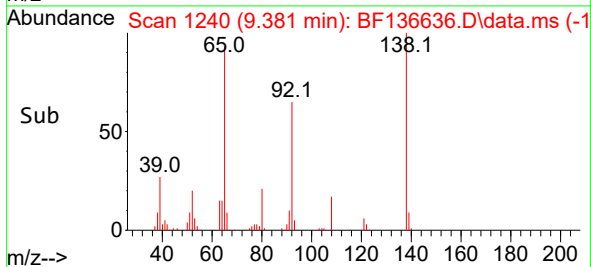
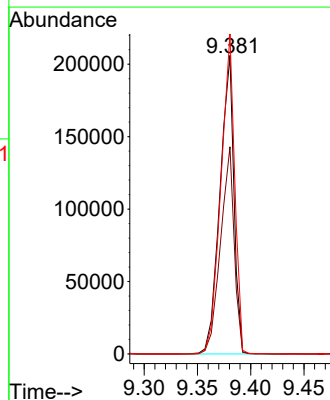
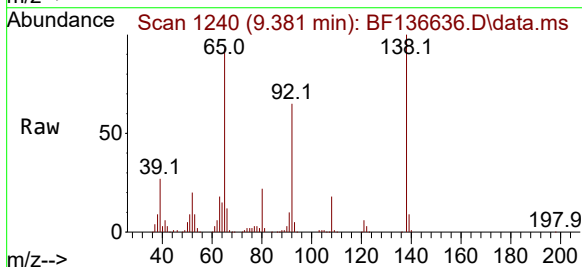
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

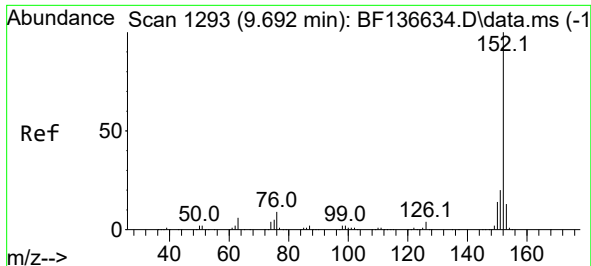
Tgt Ion:162 Resp: 585829
Ion Ratio Lower Upper
162 100
127 41.9 31.8 47.6
164 32.5 26.0 39.0



#48
2-Nitroaniline
Concen: 65.314 ng
RT: 9.381 min Scan# 1240
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion: 65 Resp: 187641
Ion Ratio Lower Upper
65 100
92 69.4 52.6 79.0
138 107.2 78.2 117.2





#49

Acenaphthylene

Concen: 58.298 ng

RT: 9.698 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

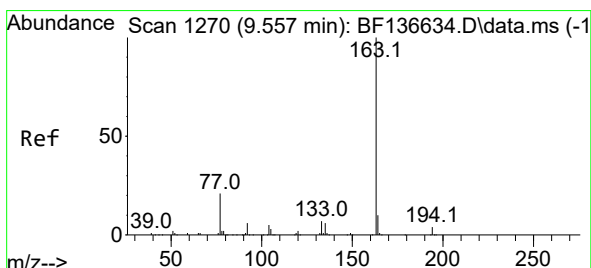
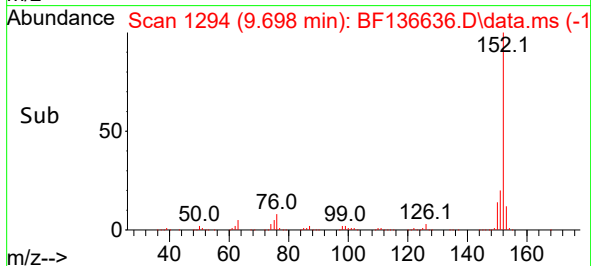
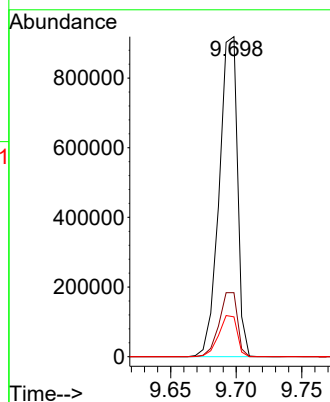
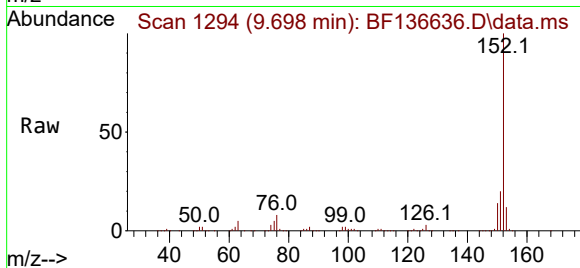
Tgt Ion:152 Resp: 889573

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 12.4 10.3 15.5



#50

Dimethylphthalate

Concen: 56.429 ng

RT: 9.563 min Scan# 1271

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

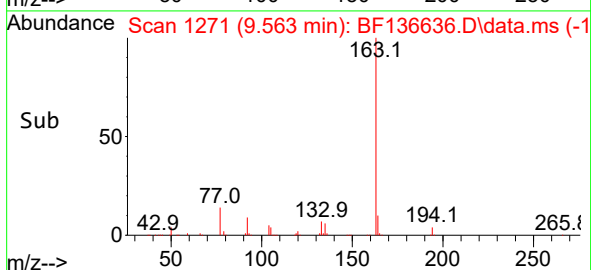
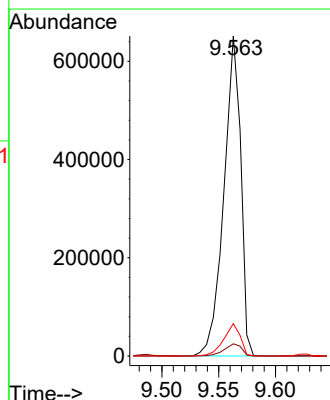
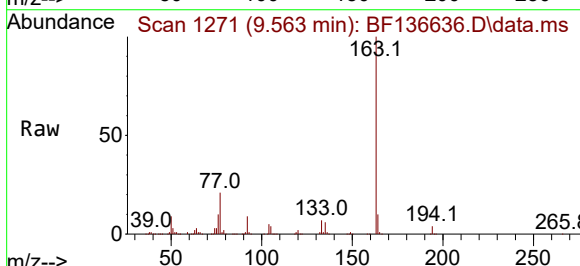
Tgt Ion:163 Resp: 671948

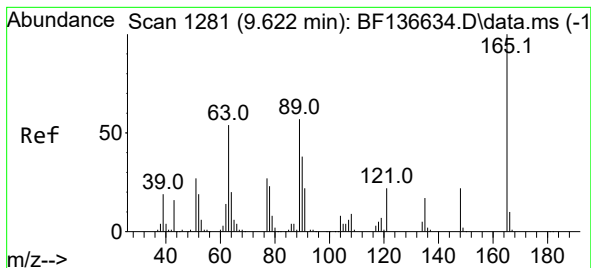
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.1 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 56.838 ng

RT: 9.628 min Scan# 1281

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

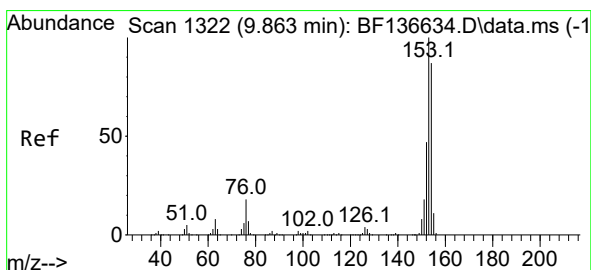
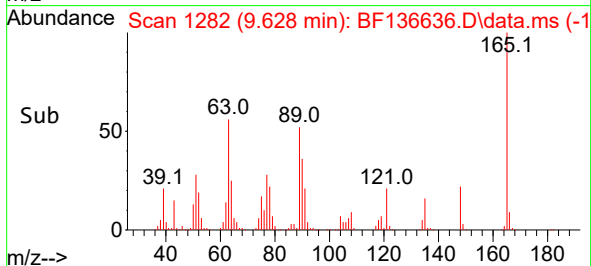
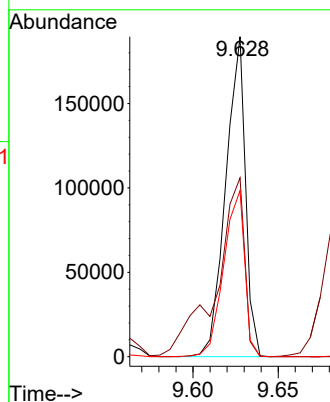
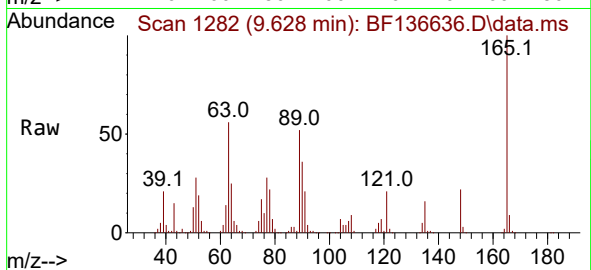
Tgt Ion:165 Resp: 152267

Ion Ratio Lower Upper

165 100

63 55.9 47.3 70.9

89 51.9 45.5 68.3



#52

Acenaphthene

Concen: 55.689 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

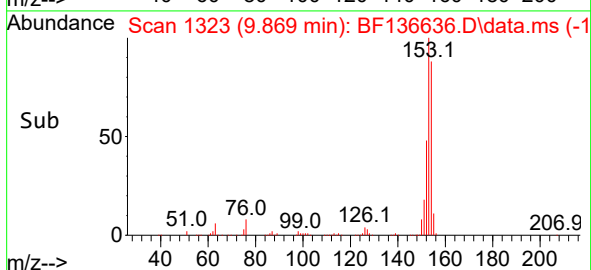
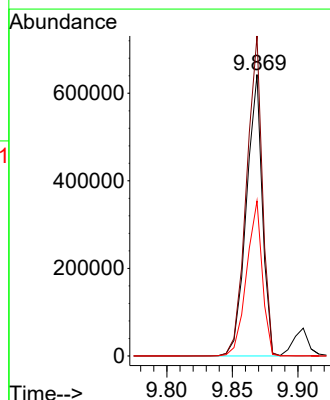
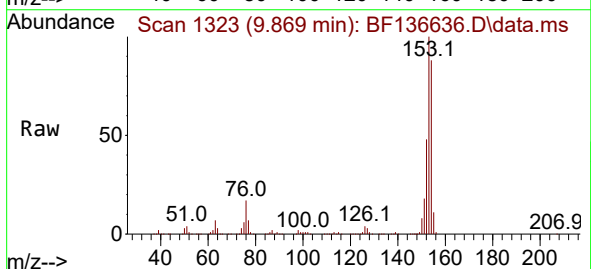
Tgt Ion:154 Resp: 544531

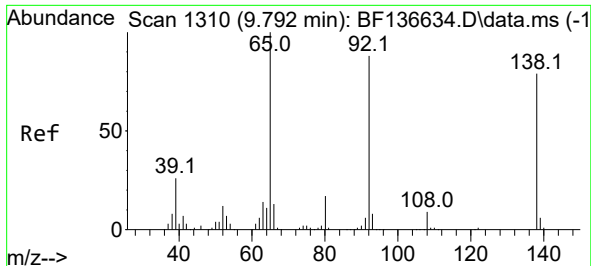
Ion Ratio Lower Upper

154 100

153 113.7 92.3 138.5

152 55.1 43.4 65.0

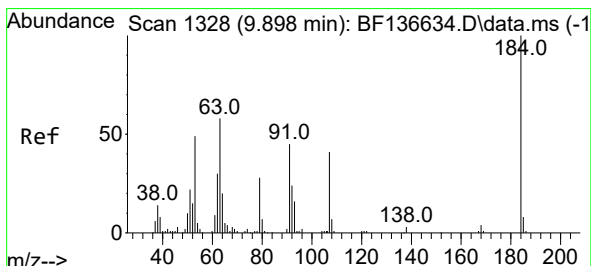
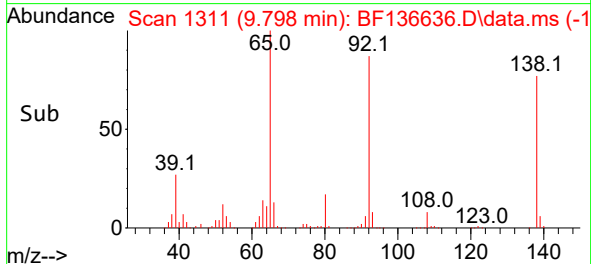
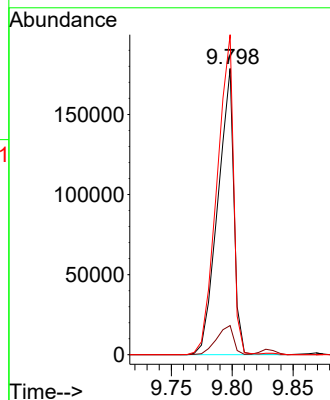
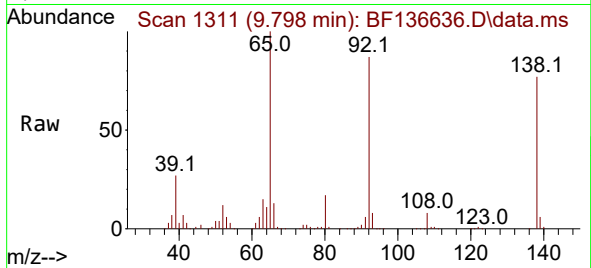




#53
3-Nitroaniline
Concen: 59.892 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

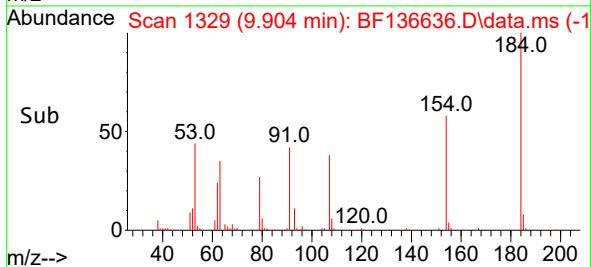
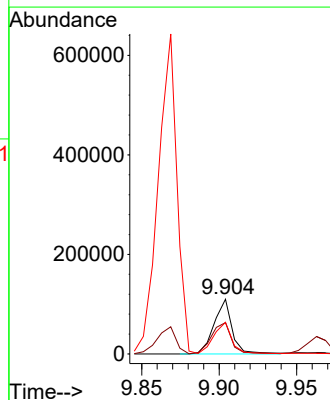
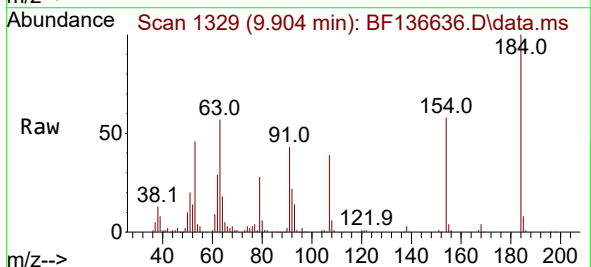
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

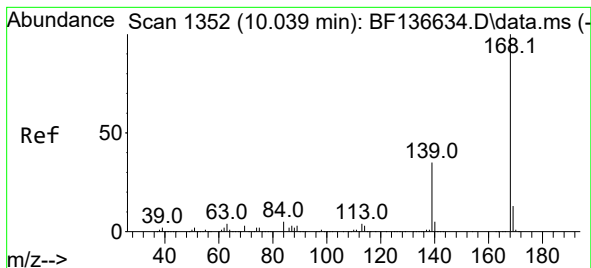
Tgt Ion:138 Resp: 163845
Ion Ratio Lower Upper
138 100
108 10.2 8.8 13.2
92 111.8 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 65.674 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:184 Resp: 88954
Ion Ratio Lower Upper
184 100
63 57.5 48.5 72.7
154 58.0 45.9 68.9





#55

Dibenzenofuran

Concen: 56.628 ng

RT: 10.039 min Scan# 1352

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

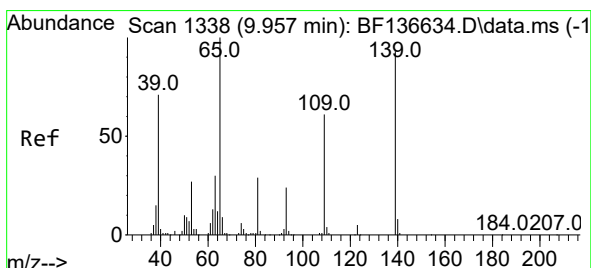
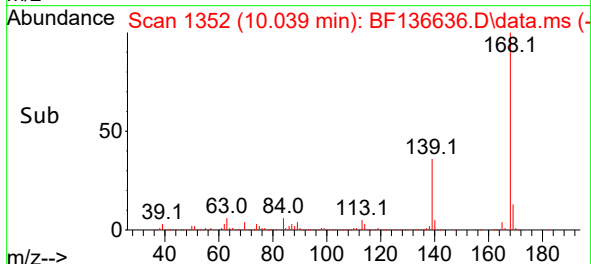
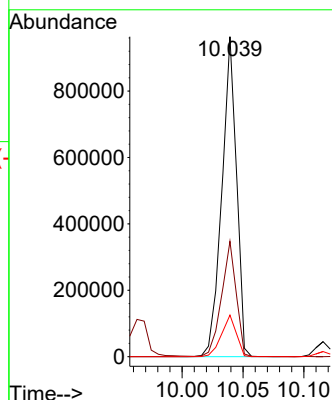
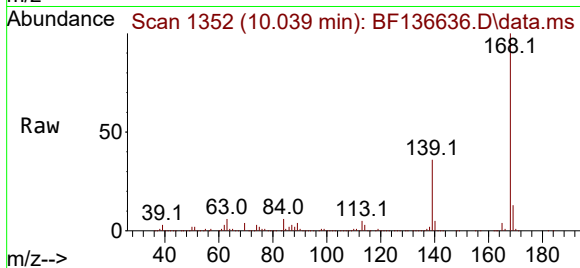
Tgt Ion:168 Resp: 808912

Ion Ratio Lower Upper

168 100

139 36.0 27.8 41.8

169 13.0 10.2 15.2



#56

4-Nitrophenol

Concen: 57.565 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

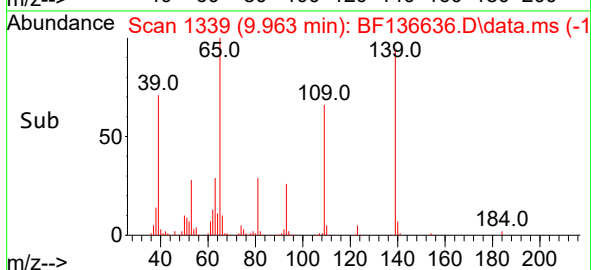
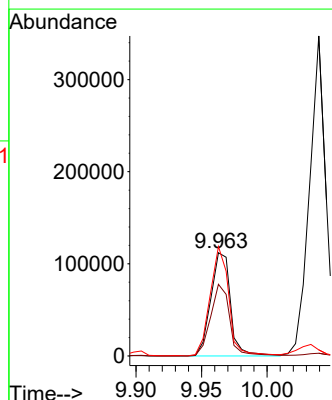
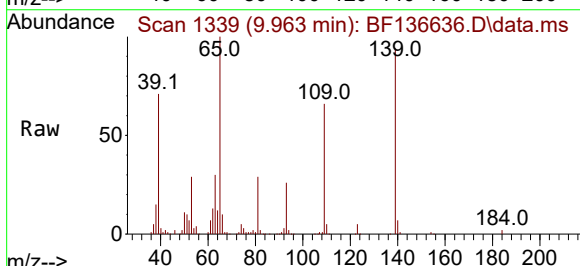
Tgt Ion:139 Resp: 118053

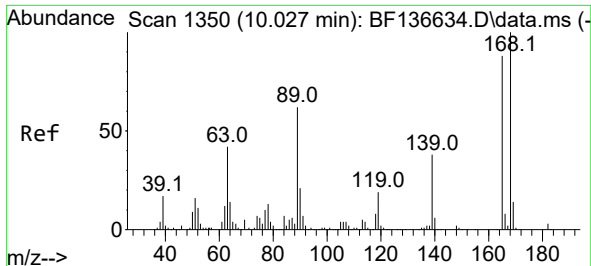
Ion Ratio Lower Upper

139 100

109 69.4 46.2 86.2

65 106.0 87.8 127.8

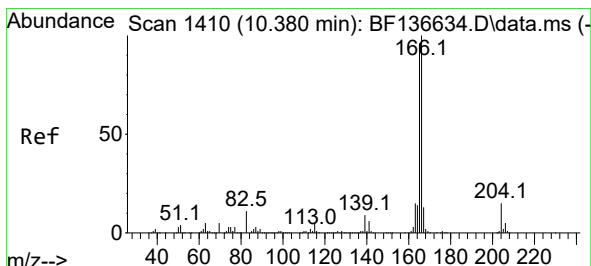
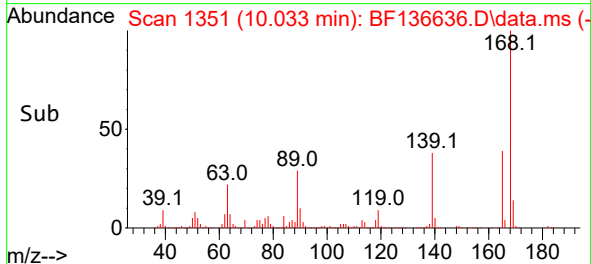
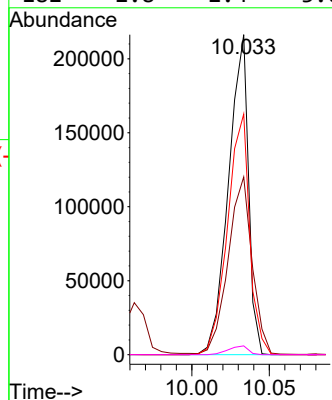
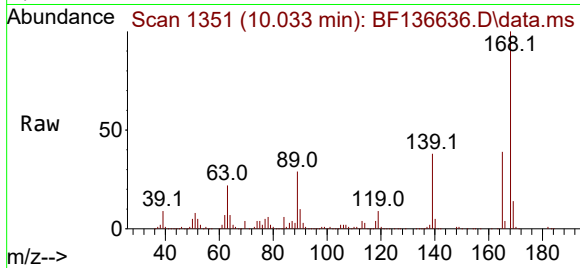




#57
2,4-Dinitrotoluene
Concen: 54.560 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

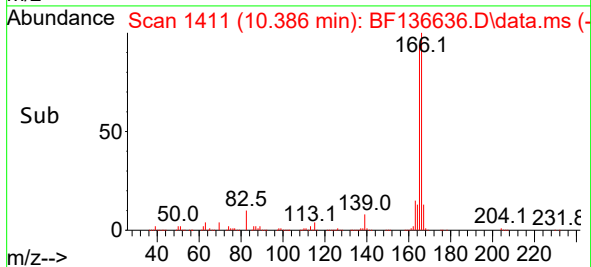
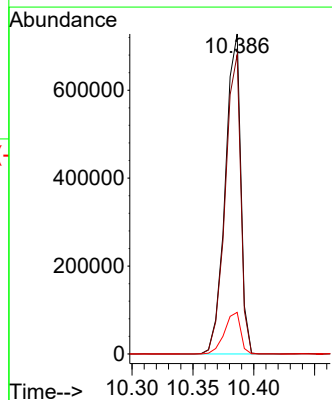
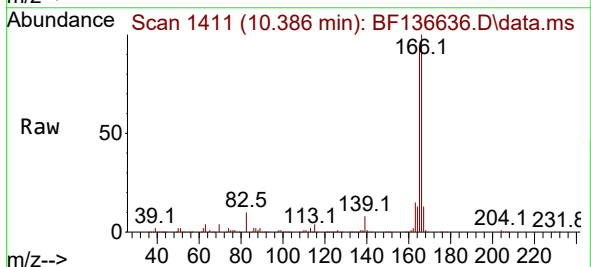
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

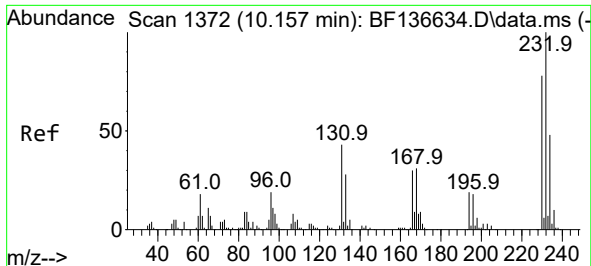
Tgt Ion:165 Resp: 193358
Ion Ratio Lower Upper
165 100
63 55.6 38.4 57.6
89 75.2 56.2 84.4
182 2.8 2.4 3.6



#58
Fluorene
Concen: 56.354 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:166 Resp: 646201
Ion Ratio Lower Upper
166 100
165 93.6 77.0 115.6
167 13.0 10.7 16.1

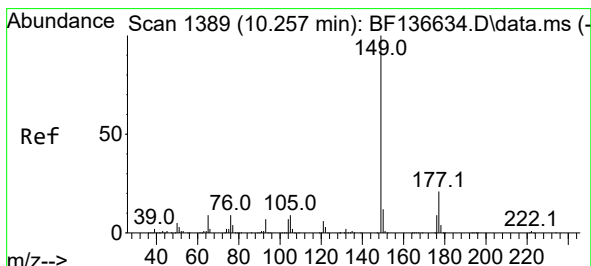
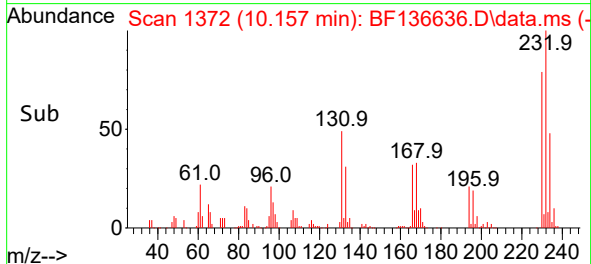
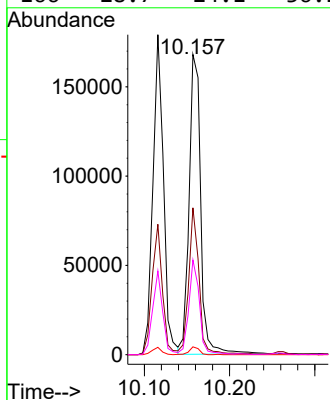
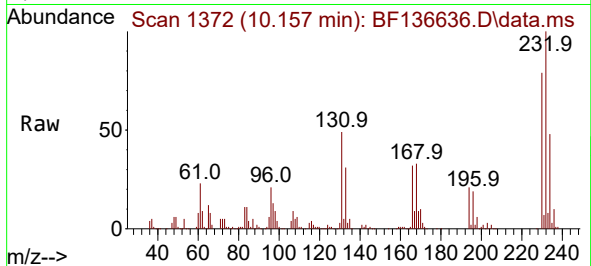




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.210 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

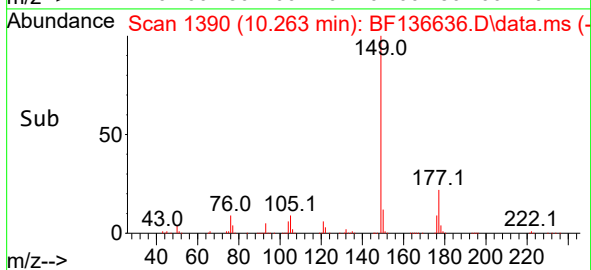
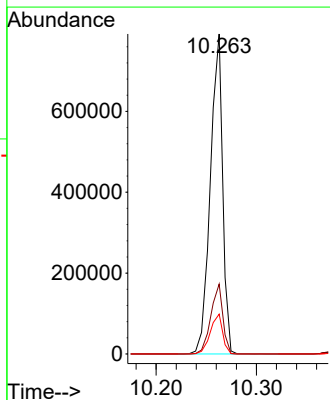
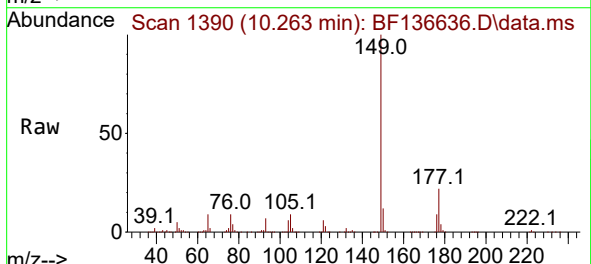
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

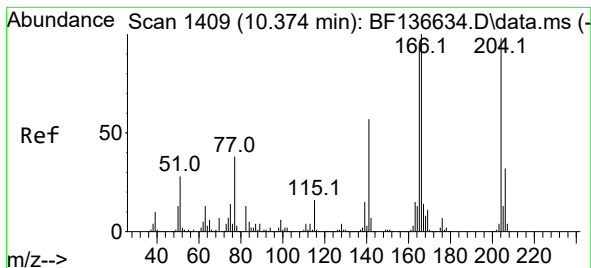
Tgt Ion:232 Resp: 158791
Ion Ratio Lower Upper
232 100
131 44.0 33.7 50.5
130 2.2 1.7 2.5
166 28.7 24.1 36.1



#60
Diethylphthalate
Concen: 57.775 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:149 Resp: 676513
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.5 9.9 14.9

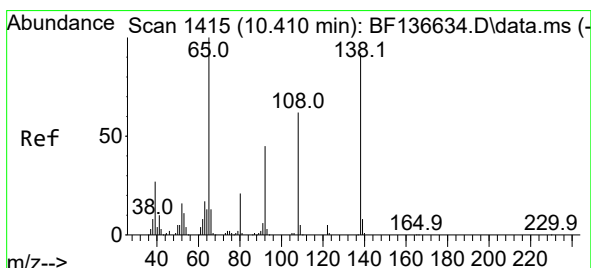
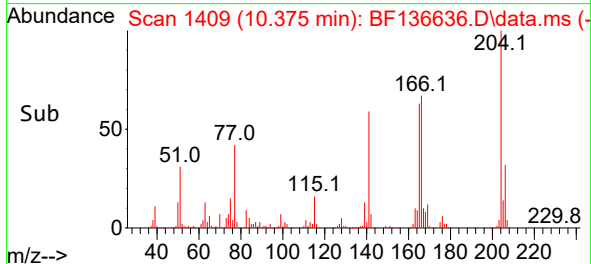
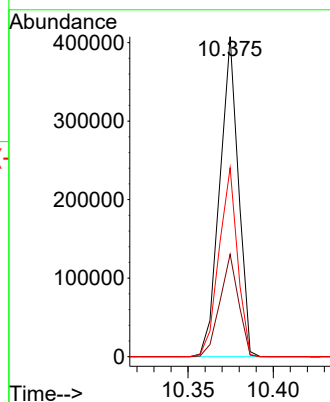
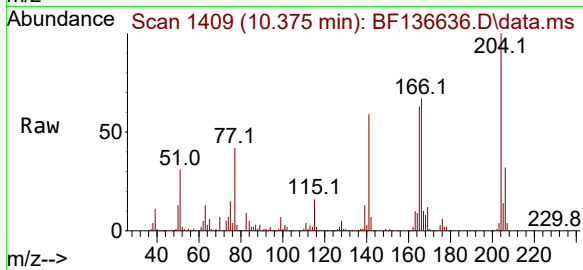




#61
4-Chlorophenyl-phenylether
Concen: 55.389 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

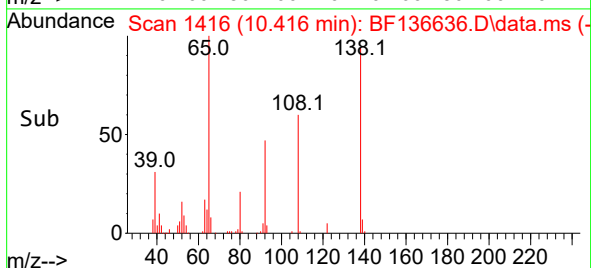
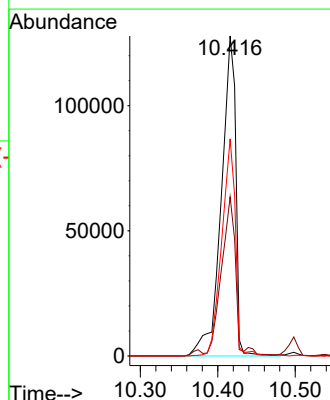
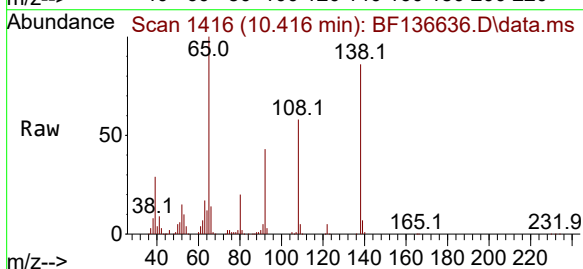
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

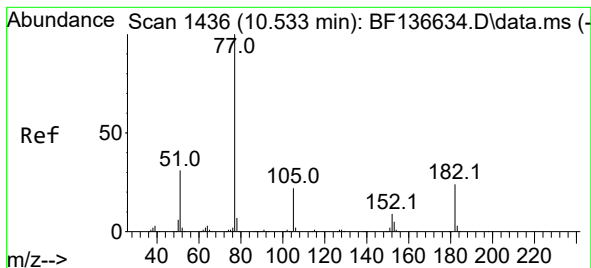
Tgt Ion:204 Resp: 309619
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 59.1 46.2 69.4



#62
4-Nitroaniline
Concen: 61.036 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:138 Resp: 165797
Ion Ratio Lower Upper
138 100
92 49.7 28.8 68.8
108 67.8 47.2 87.2





#63

Azobenzene

Concen: 60.682 ng

RT: 10.539 min Scan# 1436

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 646745

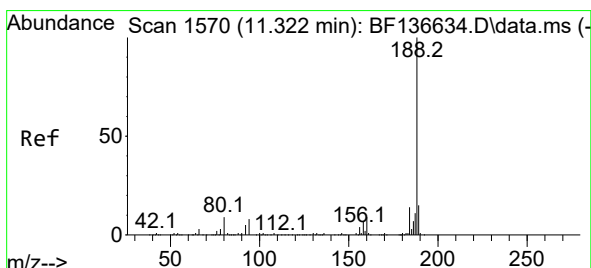
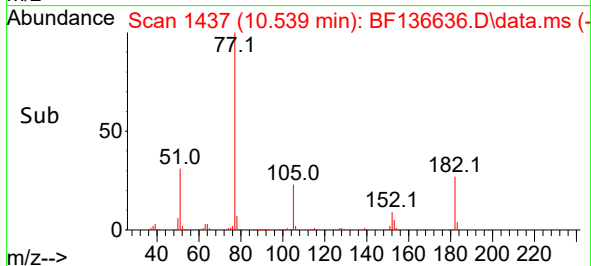
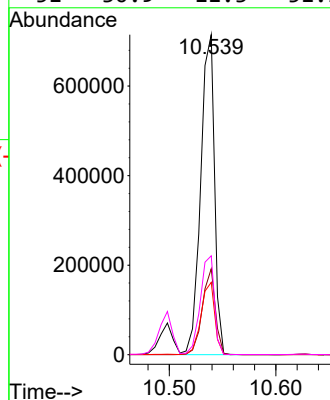
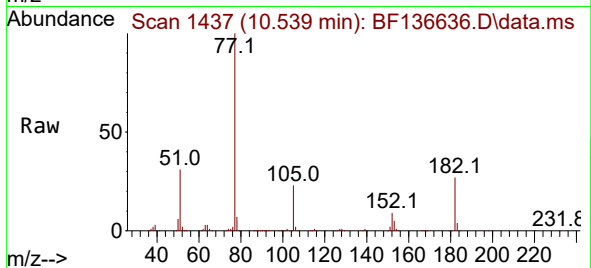
Ion Ratio Lower Upper

77 100

182 26.8 3.7 43.7

105 22.6 1.5 41.5

51 30.9 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: BF136636.D

Acq: 19 Dec 2023 18:12

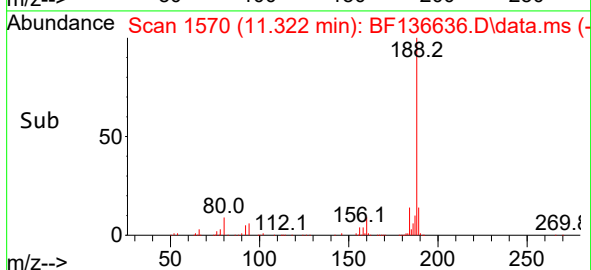
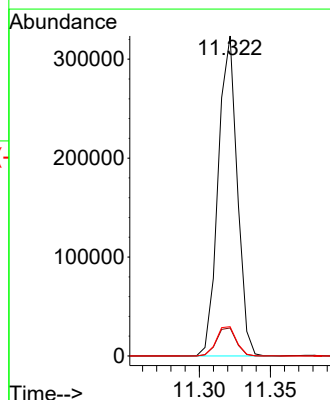
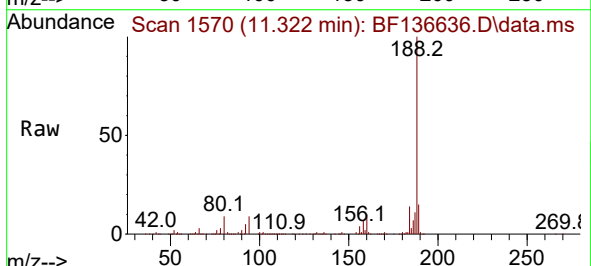
Tgt Ion:188 Resp: 300511

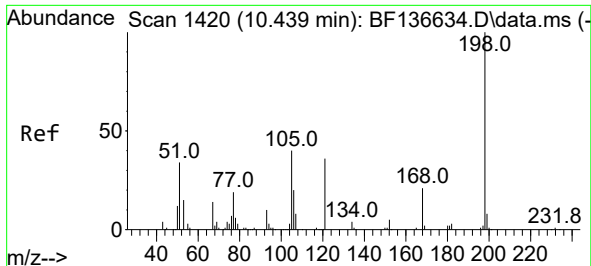
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.1 7.0 10.4

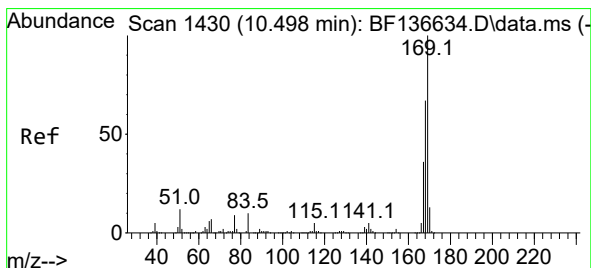
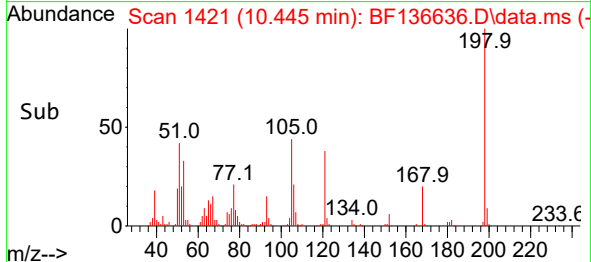
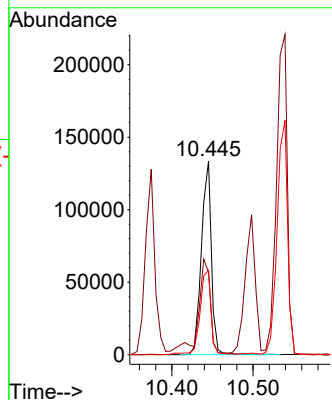
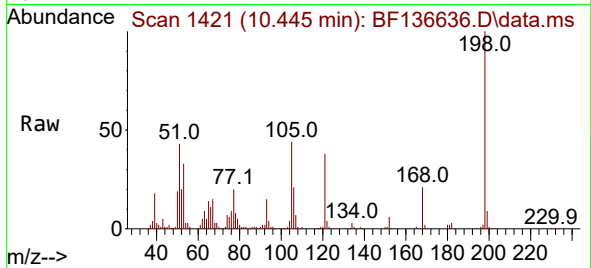




#65
4,6-Dinitro-2-methylphenol
Concen: 61.609 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

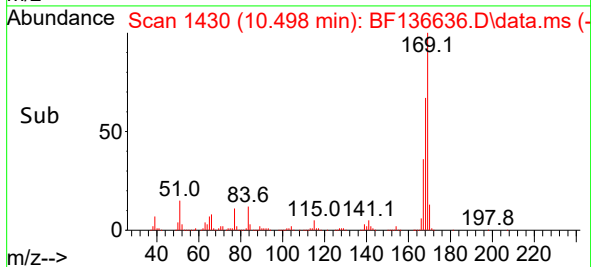
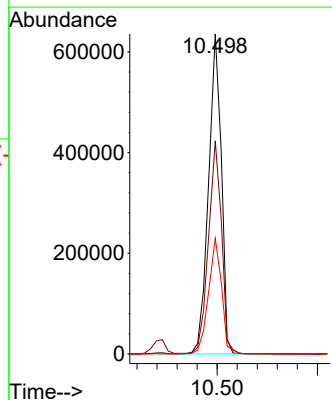
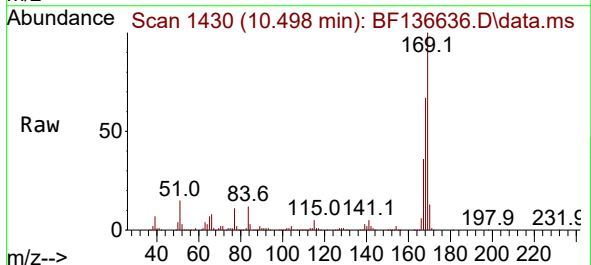
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

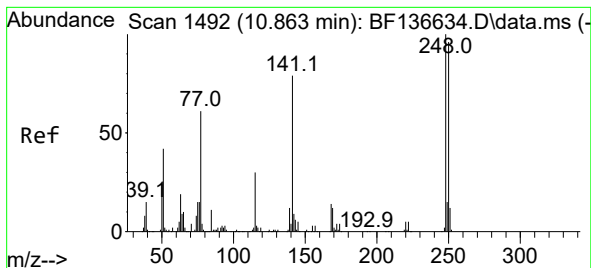
Tgt Ion:198 Resp: 114661
Ion Ratio Lower Upper
198 100
51 42.5 20.2 60.2
105 43.5 20.6 60.6



#66
n-Nitrosodiphenylamine
Concen: 58.707 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:169 Resp: 566095
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 36.2 29.2 43.8

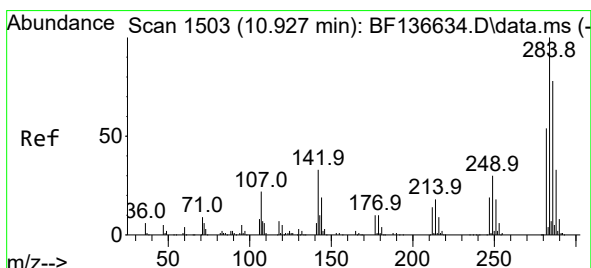
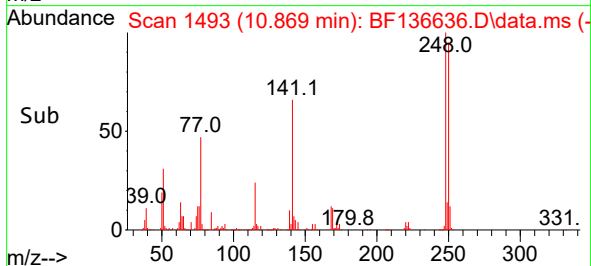
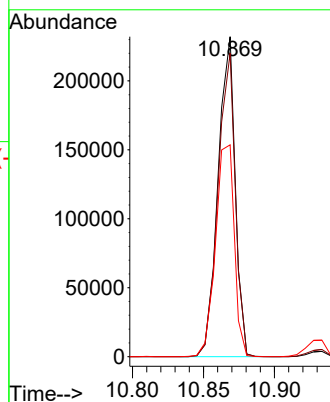
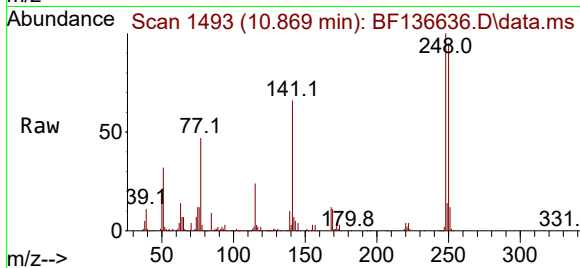




#67
4-Bromophenyl-phenylether
Concen: 55.690 ng
RT: 10.869 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

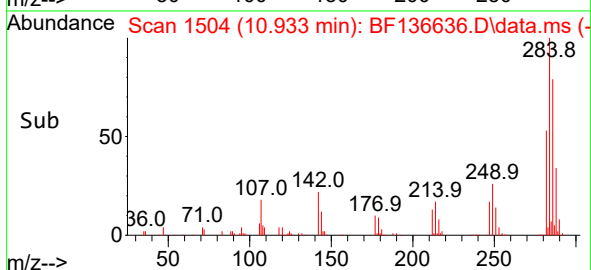
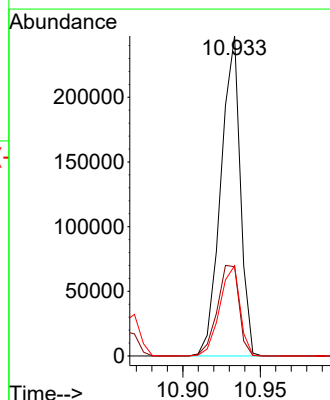
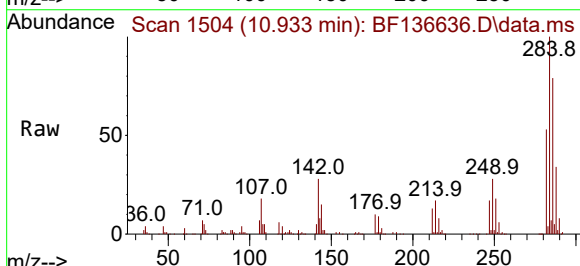
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

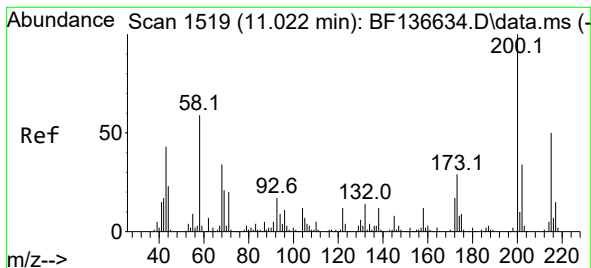
Tgt Ion:248 Resp: 194575
Ion Ratio Lower Upper
248 100
250 94.9 77.0 115.4
141 66.2 63.0 94.4



#68
Hexachlorobenzene
Concen: 53.480 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:284 Resp: 215961
Ion Ratio Lower Upper
284 100
142 27.9 26.6 40.0
249 28.2 23.9 35.9





#69

Atrazine

Concen: 32.755 ng

RT: 11.028 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

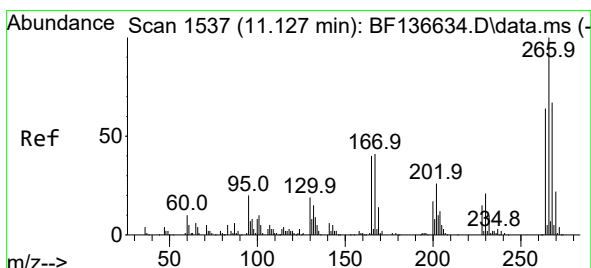
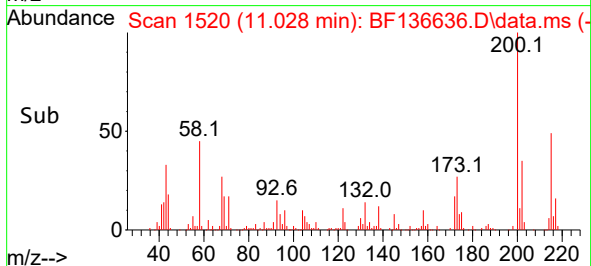
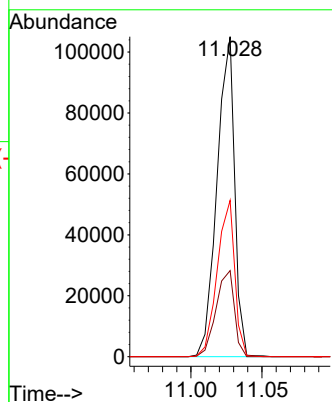
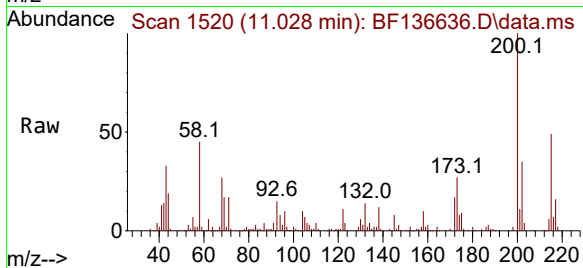
Tgt Ion:200 Resp: 90147

Ion Ratio Lower Upper

200 100

173 26.9 8.8 48.8

215 48.9 29.7 69.7



#70

Pentachlorophenol

Concen: 49.520 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

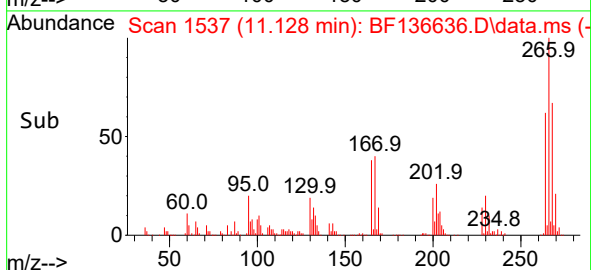
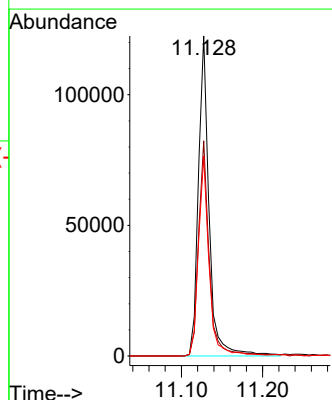
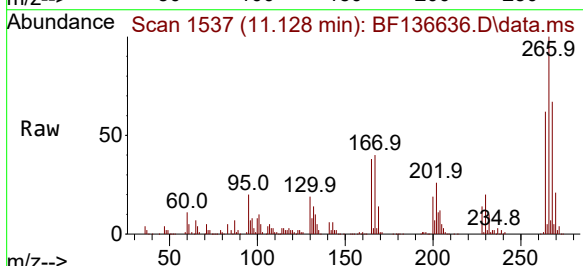
Tgt Ion:266 Resp: 112859

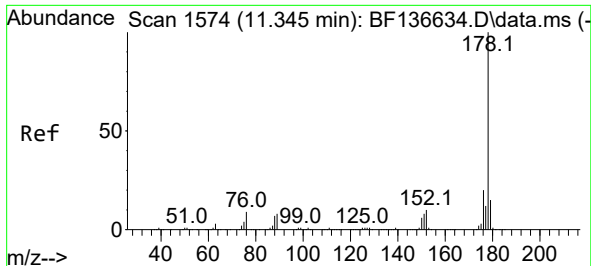
Ion Ratio Lower Upper

266 100

268 67.2 53.6 80.4

264 62.5 51.3 76.9

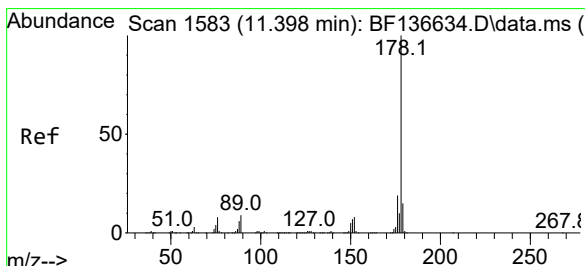
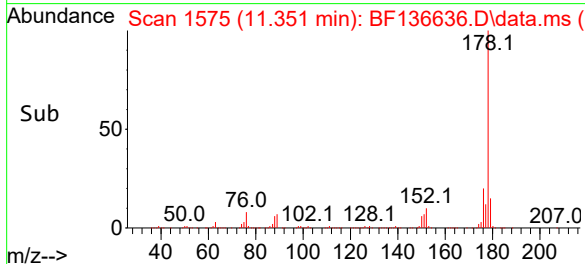
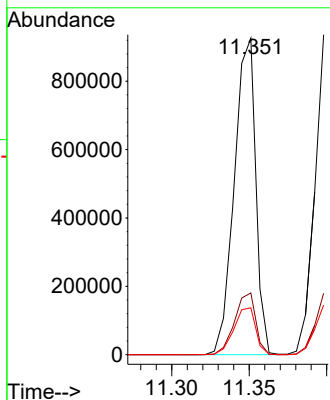
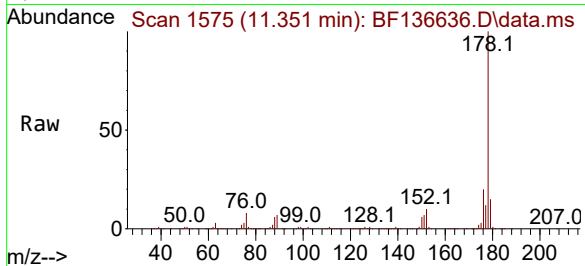




#71
Phenanthrene
Concen: 53.893 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

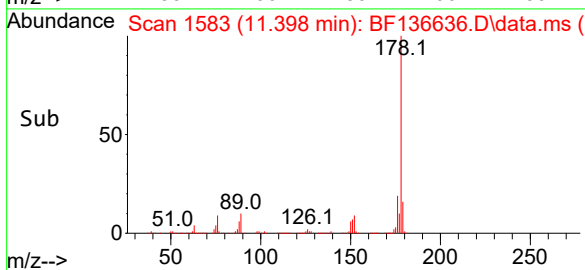
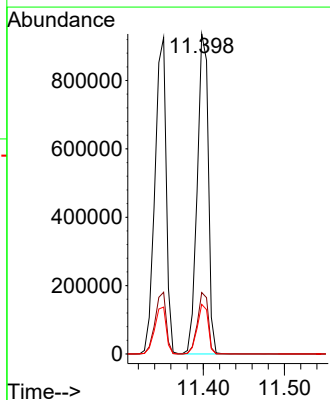
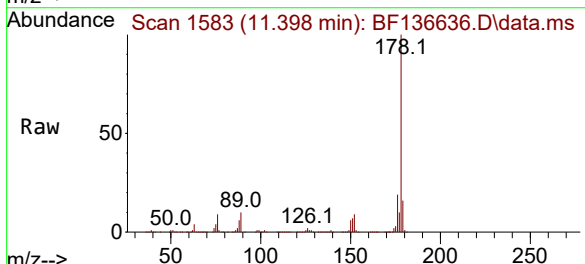
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

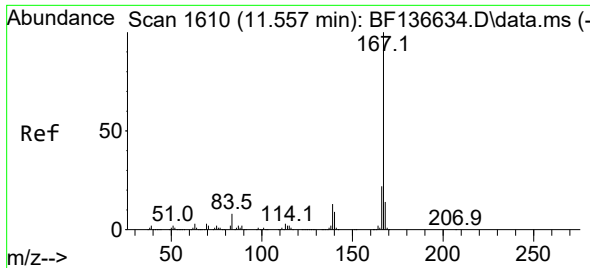
Tgt Ion:178 Resp: 890169
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 14.8 11.9 17.9



#72
Anthracene
Concen: 53.383 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:178 Resp: 888111
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.5 12.0 18.0

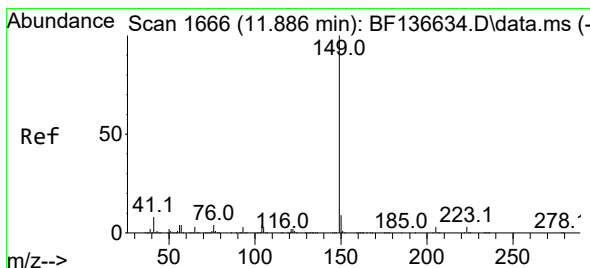
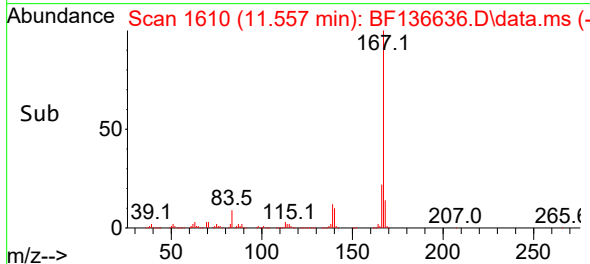
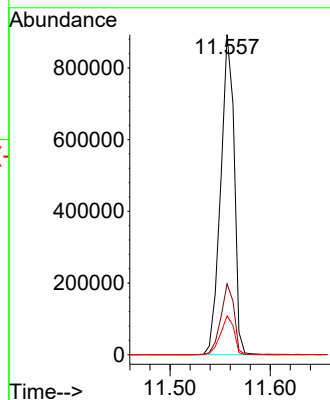
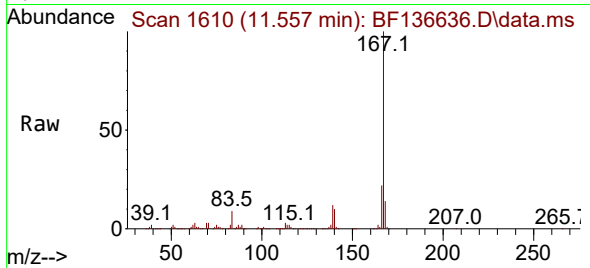




#73
 Carbazole
 Concen: 56.633 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136636.D
 Acq: 19 Dec 2023 18:12

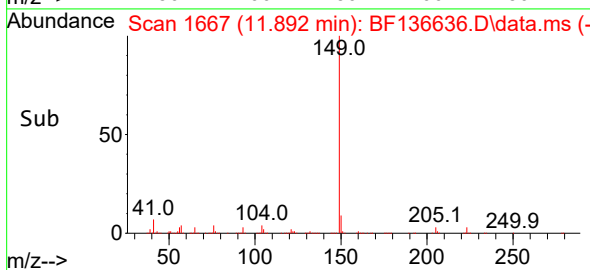
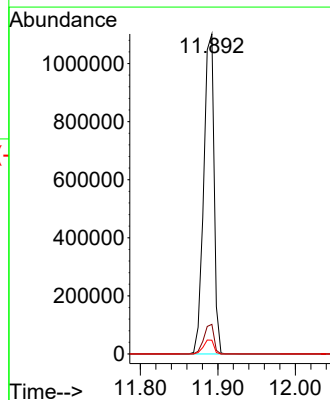
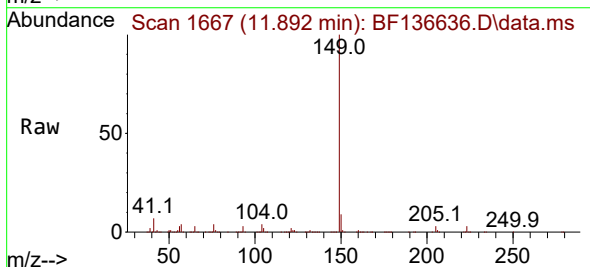
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

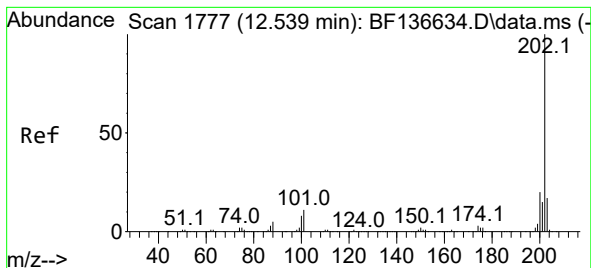
Tgt Ion:167 Resp: 833896
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 12.2 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 56.415 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. 0.006 min
 Lab File: BF136636.D
 Acq: 19 Dec 2023 18:12

Tgt Ion:149 Resp: 1018355
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 52.187 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

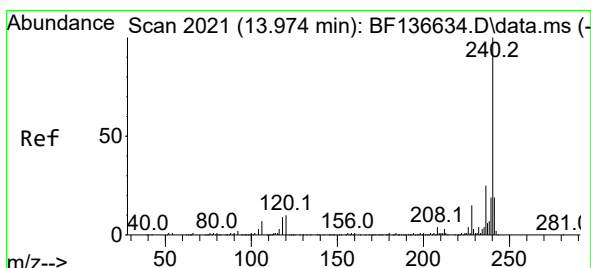
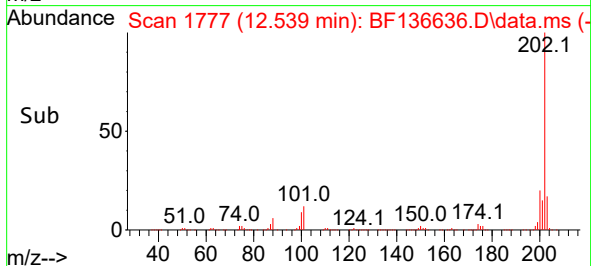
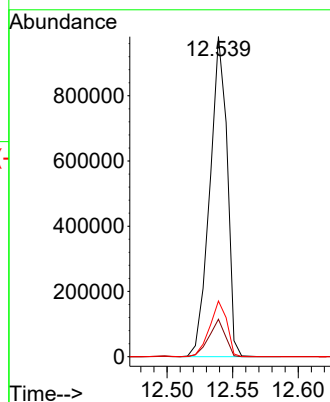
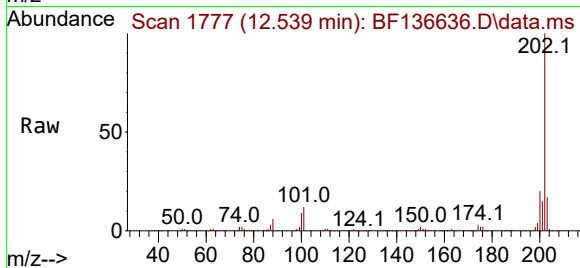
Tgt Ion:202 Resp: 903322

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.2

203 17.4 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: BF136636.D

Acq: 19 Dec 2023 18:12

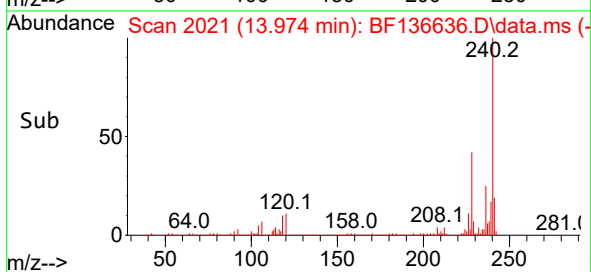
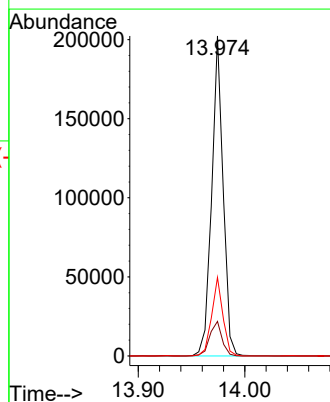
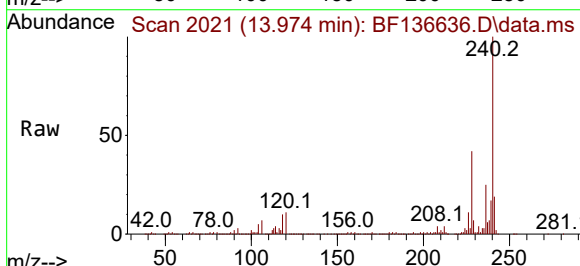
Tgt Ion:240 Resp: 151190

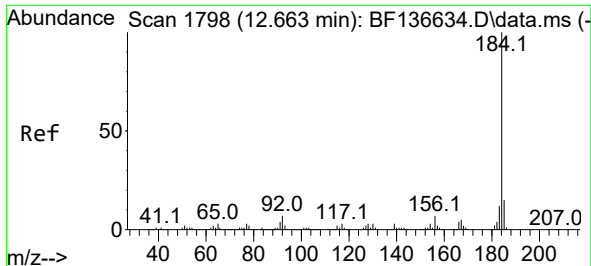
Ion Ratio Lower Upper

240 100

120 10.8 7.6 11.4

236 24.6 20.2 30.2

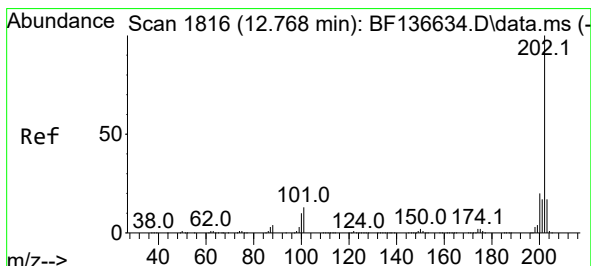
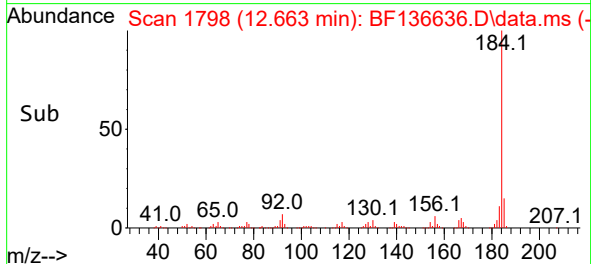
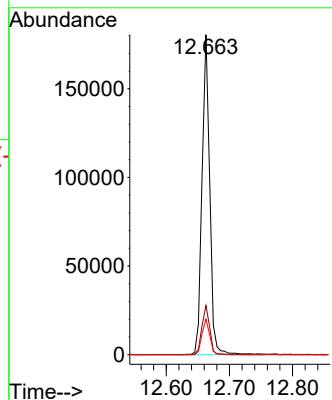
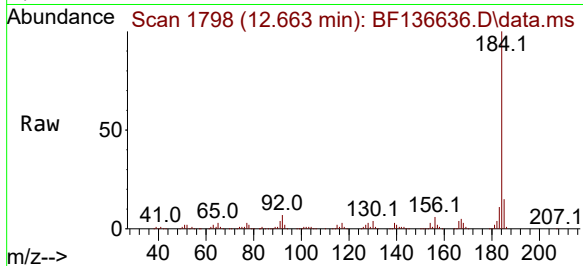




#77
Benzidine
Concen: 50.328 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

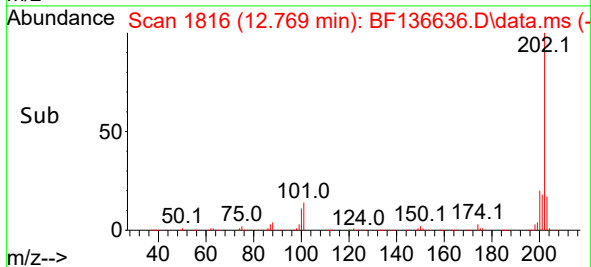
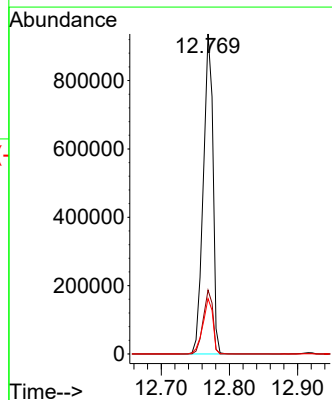
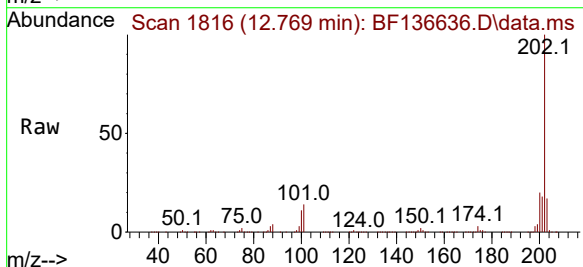
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

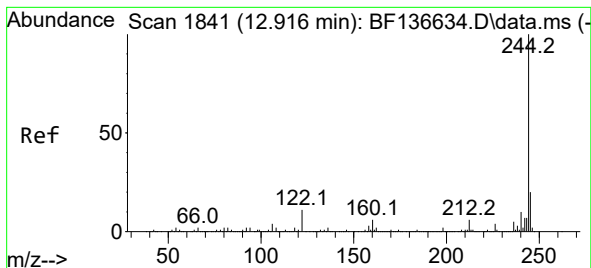
Tgt Ion:184 Resp: 153002
Ion Ratio Lower Upper
184 100
185 15.3 11.7 17.5
183 11.1 9.5 14.3



#78
Pyrene
Concen: 62.228 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136636.D
Acq: 19 Dec 2023 18:12

Tgt Ion:202 Resp: 921412
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.3 13.4 20.2





#79

Terphenyl-d14

Concen: 110.979 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

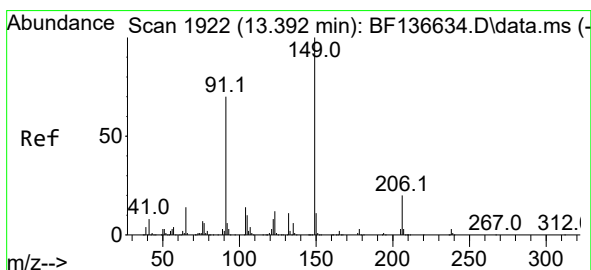
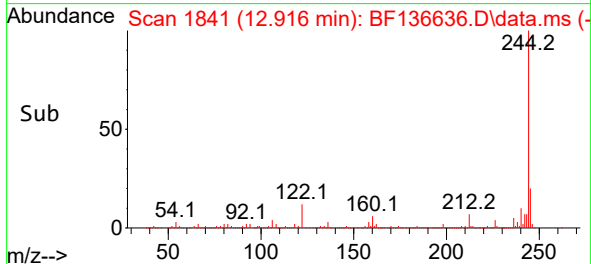
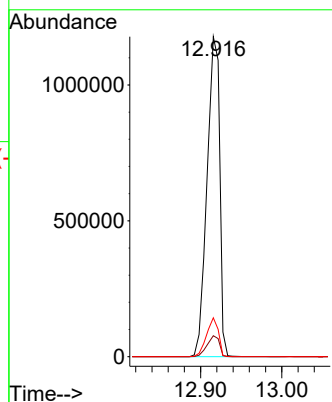
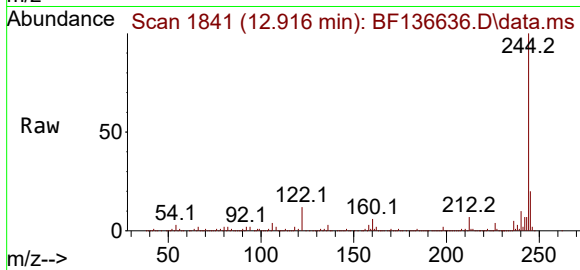
Tgt Ion:244 Resp: 1273010

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 12.1 9.2 13.8



#80

Butylbenzylphthalate

Concen: 62.745 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

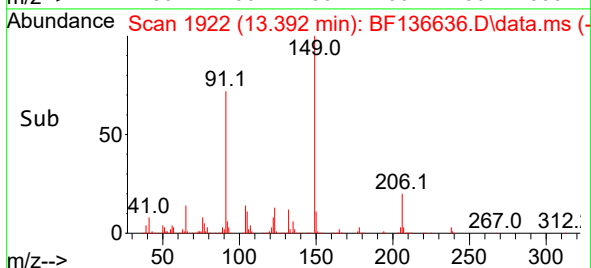
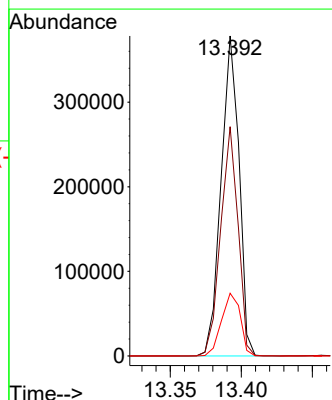
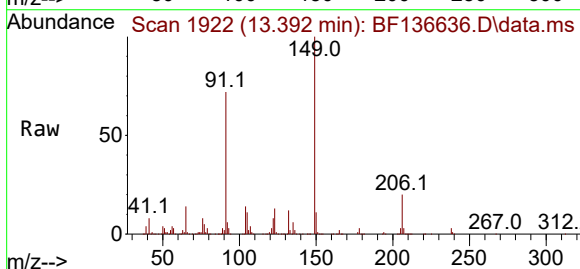
Tgt Ion:149 Resp: 330729

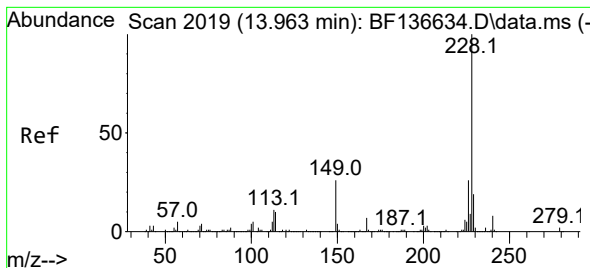
Ion Ratio Lower Upper

149 100

91 71.7 56.0 84.0

206 19.6 16.2 24.4





#81

Benzo(a)anthracene

Concen: 57.588 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

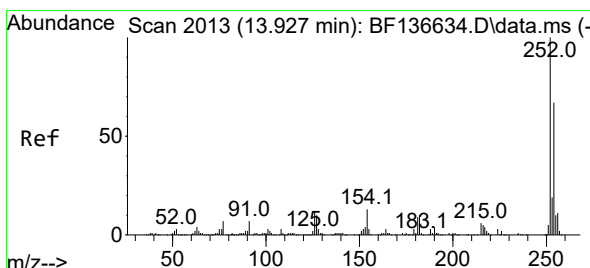
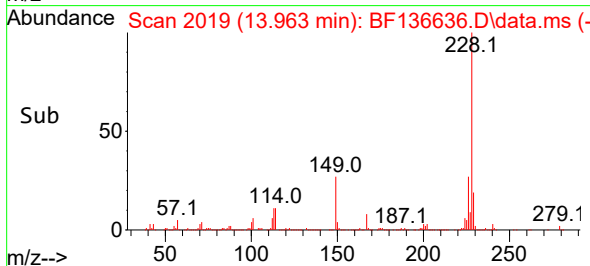
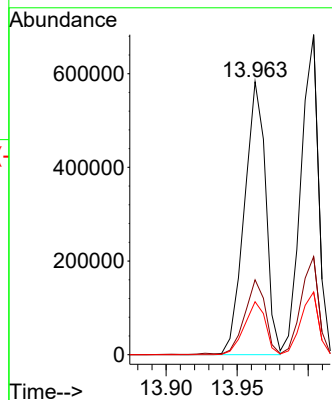
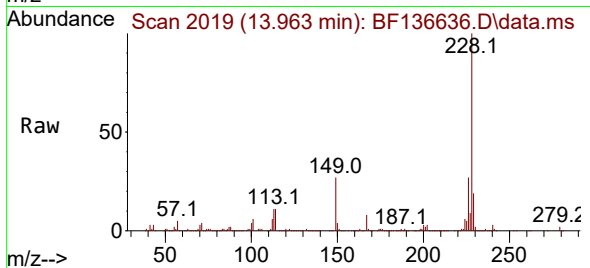
Tgt Ion:228 Resp: 606480

Ion Ratio Lower Upper

228 100

226 27.4 21.2 31.8

229 19.4 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 50.665 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

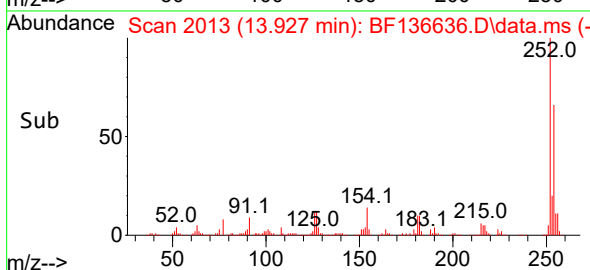
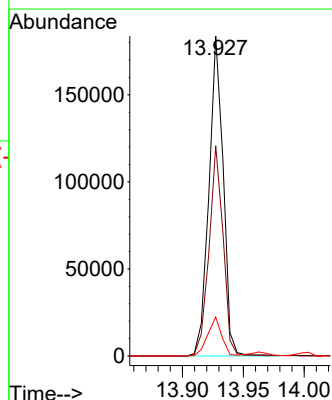
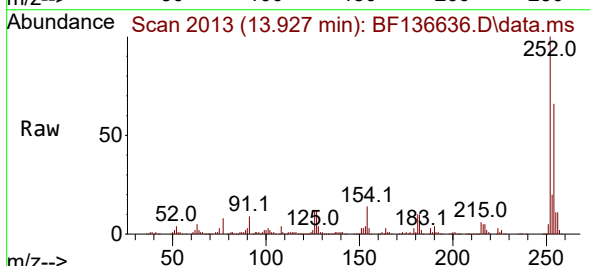
Tgt Ion:252 Resp: 149604

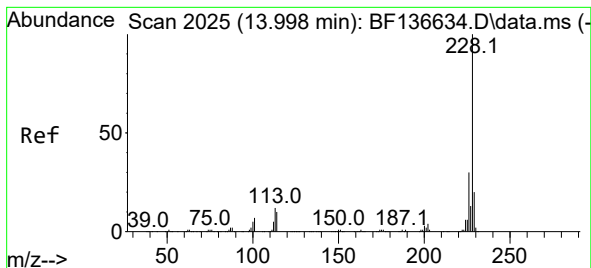
Ion Ratio Lower Upper

252 100

254 65.7 53.4 80.0

126 12.2 9.4 14.2





#83

Chrysene

Concen: 56.875 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

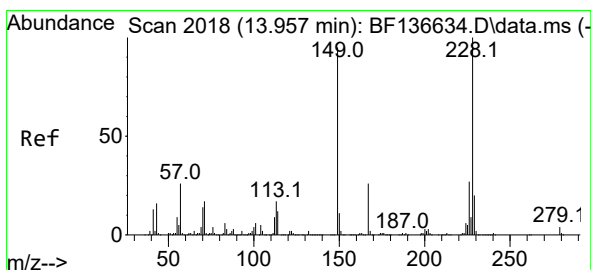
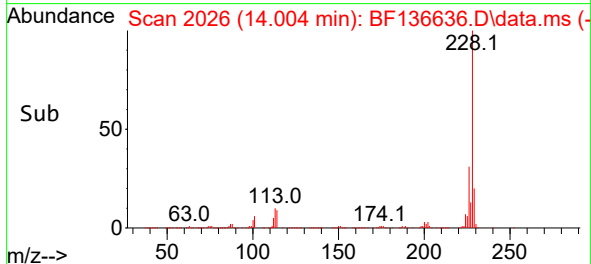
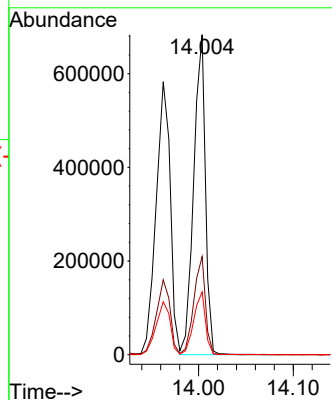
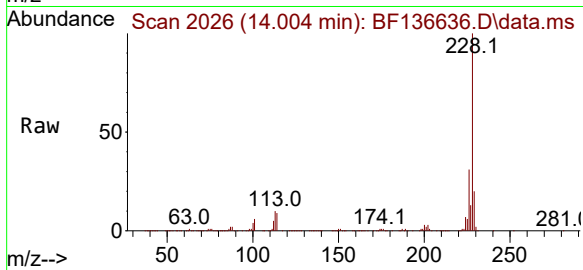
Tgt Ion:228 Resp: 589304

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.460 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

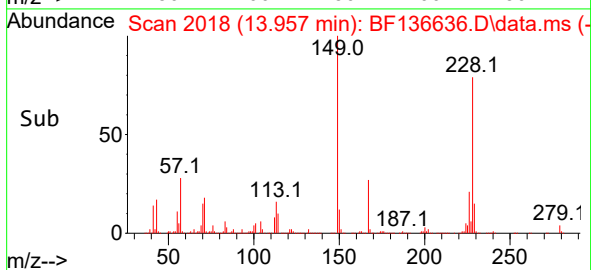
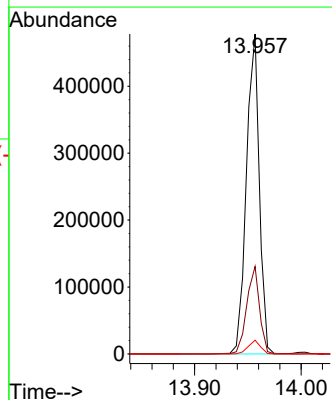
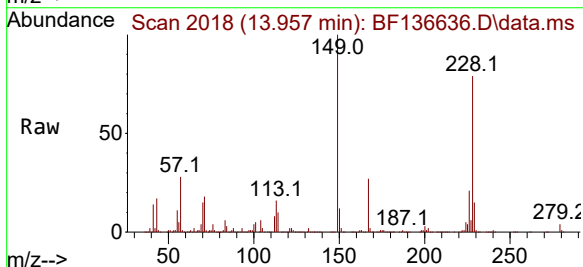
Tgt Ion:149 Resp: 403604

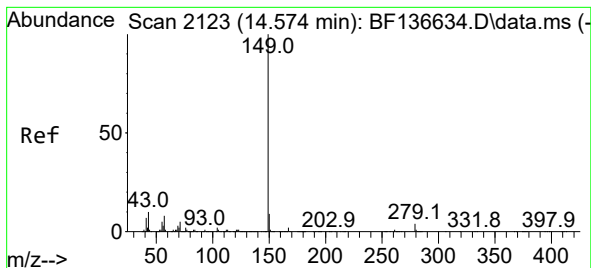
Ion Ratio Lower Upper

149 100

167 27.4 21.5 32.3

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 66.783 ng

RT: 14.574 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

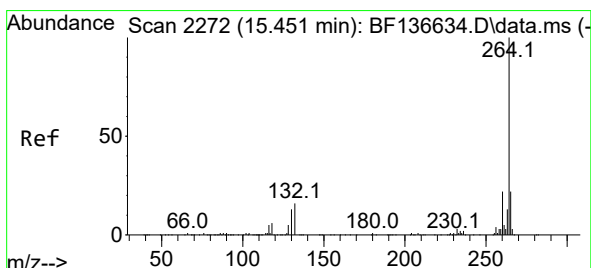
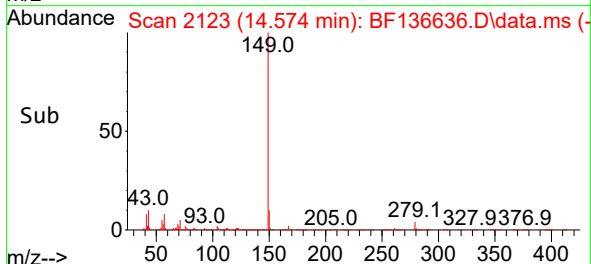
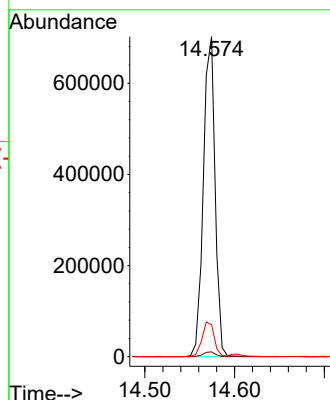
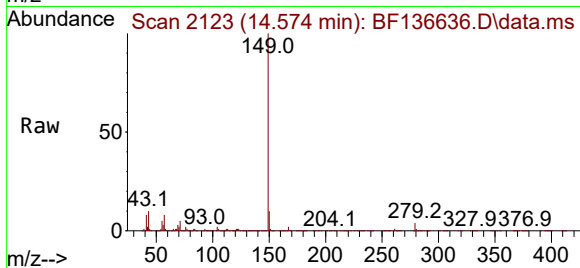
Tgt Ion:149 Resp: 637418

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 11.2 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: BF136636.D

Acq: 19 Dec 2023 18:12

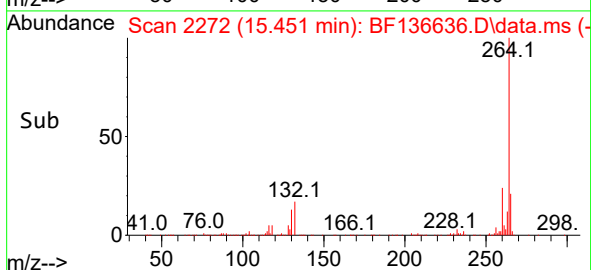
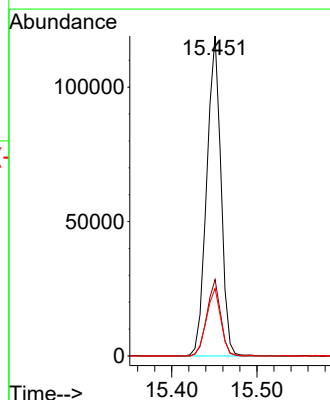
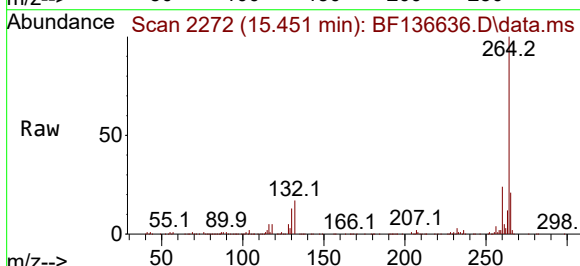
Tgt Ion:264 Resp: 137934

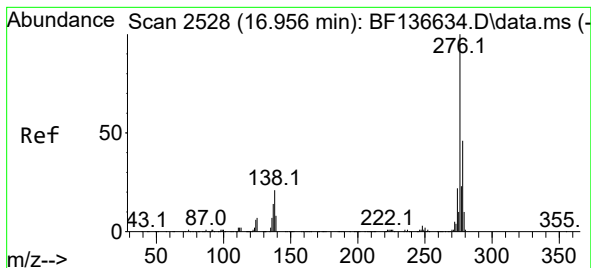
Ion Ratio Lower Upper

264 100

260 23.9 17.9 26.9

265 21.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 66.392 ng

RT: 16.962 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

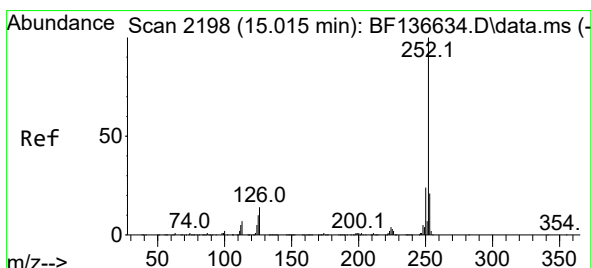
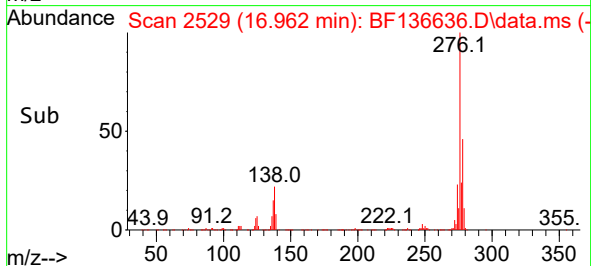
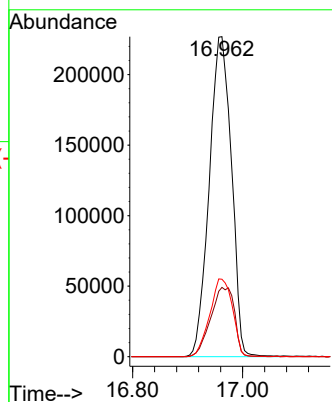
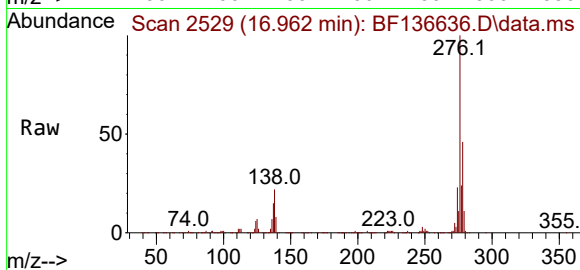
Tgt Ion:276 Resp: 636208

Ion Ratio Lower Upper

276 100

138 23.3 18.5 27.7

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 56.019 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

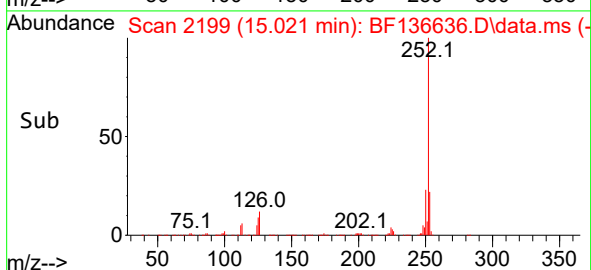
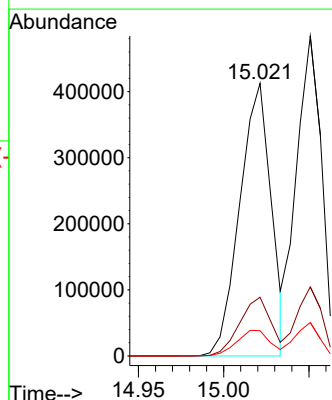
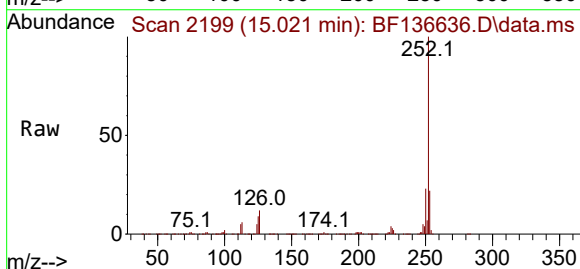
Tgt Ion:252 Resp: 528310

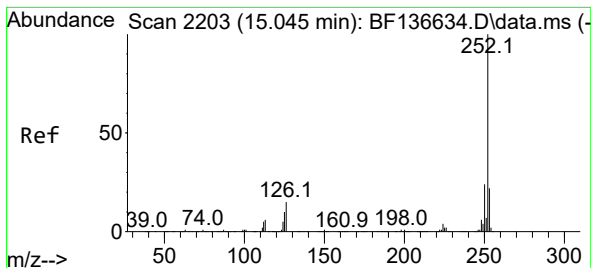
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 9.3 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 56.141 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

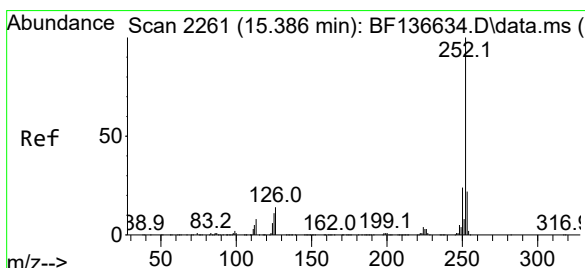
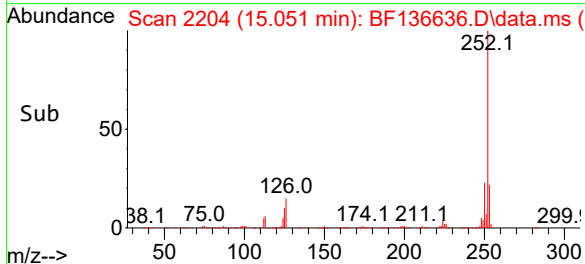
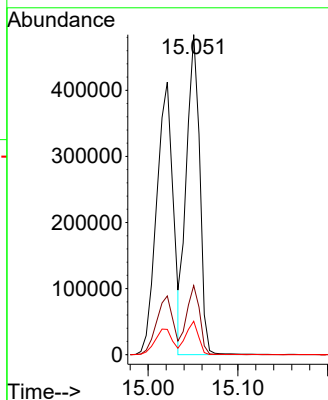
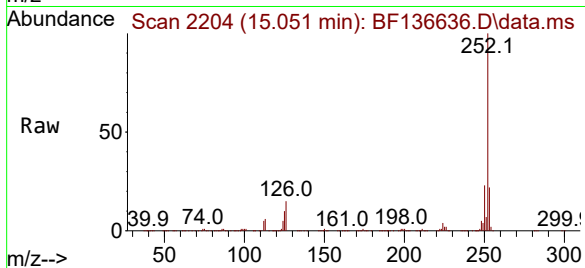
Tgt Ion:252 Resp: 498967

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.5 8.6 13.0



#90

Benzo(a)pyrene

Concen: 58.747 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

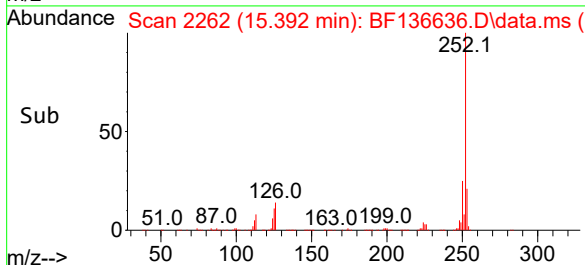
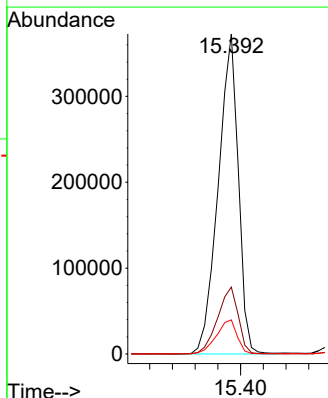
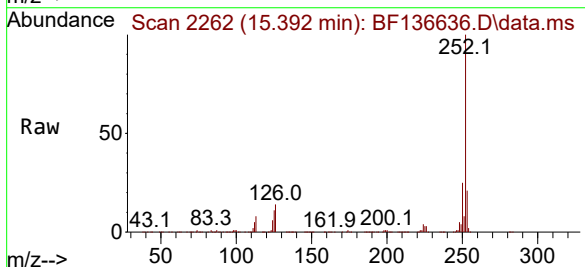
Tgt Ion:252 Resp: 457547

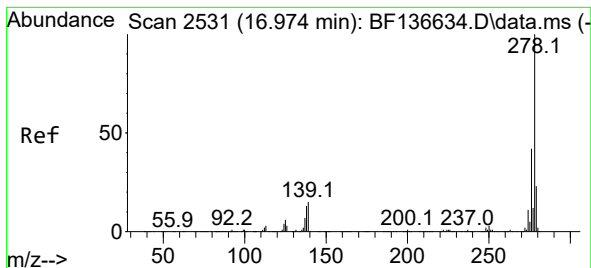
Ion Ratio Lower Upper

252 100

253 20.9 17.6 26.4

125 10.7 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 65.837 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

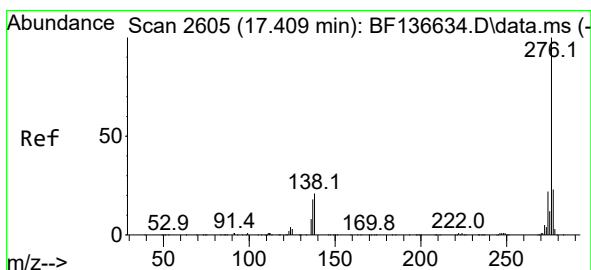
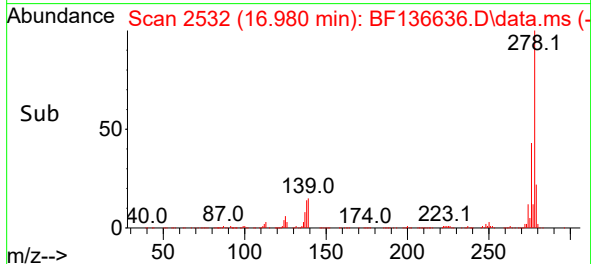
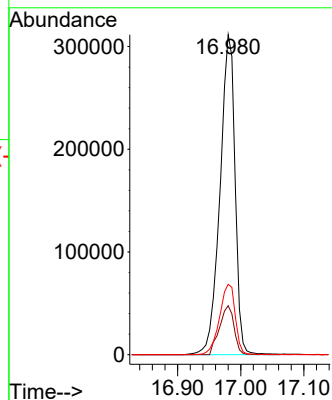
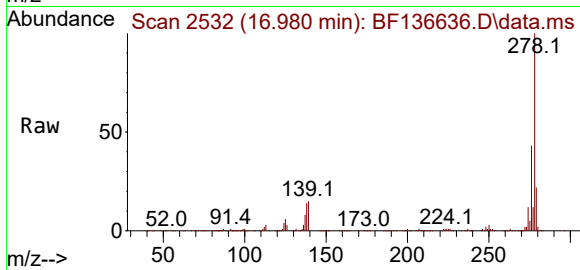
Tgt Ion:278 Resp: 516850

Ion Ratio Lower Upper

278 100

139 15.3 11.9 17.9

279 22.0 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 67.060 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.012 min

Lab File: BF136636.D

Acq: 19 Dec 2023 18:12

Tgt Ion:276 Resp: 540345

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 20.5 16.6 24.8

