

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136114.D
 Acq On : 03 Nov 2023 09:59
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 04 00:04:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	113409	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	437244	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	222223	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	392433	20.000	ng	0.00
76) Chrysene-d12	14.010	240	193323	20.000	ng	0.00
86) Perylene-d12	15.498	264	191260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	558358	77.367	ng	0.00
7) Phenol-d6	6.457	99	696244	77.429	ng	0.00
23) Nitrobenzene-d5	7.386	82	627199	86.471	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	196703	82.929	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1163186	83.440	ng	0.00
79) Terphenyl-d14	12.951	244	1143435	91.915	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	120615	38.380	ng	98
3) Pyridine	3.328	79	322073	37.547	ng	99
4) n-Nitrosodimethylamine	3.298	42	144496	40.289	ng	87
6) Aniline	6.486	93	451366	38.771	ng	99
8) 2-Chlorophenol	6.610	128	305390	39.579	ng	95
9) Benzaldehyde	6.375	77	195373	38.965	ng	97
10) Phenol	6.469	94	384735	41.367	ng	92
11) bis(2-Chloroethyl)ether	6.563	93	277307	38.086	ng	96
12) 1,3-Dichlorobenzene	6.763	146	311411	38.778	ng	97
13) 1,4-Dichlorobenzene	6.839	146	318222	39.541	ng	98
14) 1,2-Dichlorobenzene	6.992	146	291428	38.726	ng	97
15) Benzyl Alcohol	6.963	79	261822	41.065	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.104	45	373278	37.246	ng	99
17) 2-Methylphenol	7.075	107	254658	38.905	ng	97
18) Hexachloroethane	7.333	117	115071	40.680	ng	96
19) n-Nitroso-di-n-propyla...	7.239	70	196407	38.228	ng	97
20) 3+4-Methylphenols	7.228	107	311523	39.030	ng	92
22) Acetophenone	7.233	105	391489	40.378	ng	# 92
24) Nitrobenzene	7.404	77	307884	41.964	ng	92
25) Isophorone	7.645	82	553331	40.409	ng	98
26) 2-Nitrophenol	7.716	139	153065	45.726	ng	92
27) 2,4-Dimethylphenol	7.757	122	252640	39.940	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	331974	39.568	ng	99
29) 2,4-Dichlorophenol	7.957	162	248625	41.693	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	264143	40.605	ng	99
31) Naphthalene	8.128	128	860950	40.833	ng	99
32) Benzoic acid	7.869	122	143929	30.492	ng	96
33) 4-Chloroaniline	8.175	127	370872	40.165	ng	99
34) Hexachlorobutadiene	8.239	225	158893	42.591	ng	98
35) Caprolactam	8.551	113	79031	40.759	ng	92
36) 4-Chloro-3-methylphenol	8.651	107	262557	41.939	ng	93
37) 2-Methylnaphthalene	8.816	142	572690	40.508	ng	99
38) 1-Methylnaphthalene	8.916	142	540246	41.062	ng	99
40) 1,2,4,5-Tetrachloroben...	8.980	216	264007	41.657	ng	99
41) Hexachlorocyclopentadiene	8.969	237	141359	41.750	ng	97
43) 2,4,6-Trichlorophenol	9.092	196	169789	41.089	ng	98

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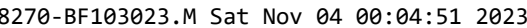
Instrument :
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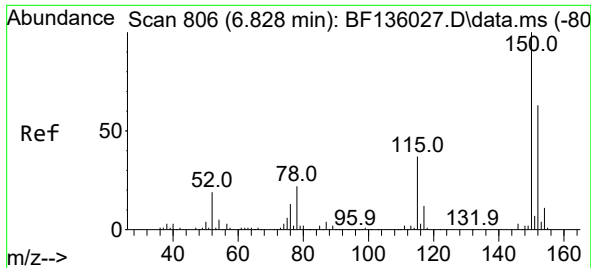
Quant Time: Nov 04 00:04:46 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	201536	42.104	ng	99
46) 1,1'-Biphenyl	9.286	154	699262	41.278	ng	98
47) 2-Chloronaphthalene	9.310	162	516217	41.336	ng	99
48) 2-Nitroaniline	9.404	65	165918	44.892	ng	99
49) Acenaphthylene	9.722	152	811847	41.671	ng	100
50) Dimethylphthalate	9.586	163	609804	41.602	ng	100
51) 2,6-Dinitrotoluene	9.651	165	138396	44.144	ng	92
52) Acenaphthene	9.898	154	540314	43.626	ng	99
53) 3-Nitroaniline	9.816	138	153366	41.925	ng	90
54) 2,4-Dinitrophenol	9.916	184	61411	40.516	ng	# 83
55) Dibenzofuran	10.069	168	741115	41.038	ng	95
56) 4-Nitrophenol	9.969	139	111707	40.824	ng	82
57) 2,4-Dinitrotoluene	10.051	165	179531	45.261	ng	98
58) Fluorene	10.416	166	556591	41.164	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	155384	40.831	ng	98
60) Diethylphthalate	10.292	149	583370	41.653	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	279626	41.429	ng	93
62) 4-Nitroaniline	10.433	138	147035	41.742	ng	97
63) Azobenzene	10.569	77	553387	41.028	ng	97
65) 4,6-Dinitro-2-methylph...	10.457	198	92146	43.369	ng	76
66) n-Nitrosodiphenylamine	10.527	169	505545	42.704	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	177987	43.260	ng	# 92
68) Hexachlorobenzene	10.957	284	187950	42.772	ng	# 90
69) Atrazine	11.057	200	128040	39.752	ng	99
70) Pentachlorophenol	11.151	266	122741	43.493	ng	96
71) Phenanthrene	11.380	178	833674	42.192	ng	99
72) Anthracene	11.427	178	843225	41.647	ng	100
73) Carbazole	11.586	167	719064	40.869	ng	99
74) Di-n-butylphthalate	11.927	149	826036	41.087	ng	99
75) Fluoranthene	12.574	202	803168	39.567	ng	97
77) Benzidine	12.698	184	183332	48.655	ng	100
78) Pyrene	12.804	202	793906	46.579	ng	99
80) Butylbenzylphthalate	13.433	149	264195	43.303	ng	99
81) Benzo(a)anthracene	13.998	228	529763	41.392	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	169260	41.435	ng	99
83) Chrysene	14.033	228	510415	40.495	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	290901	40.926	ng	97
85) Di-n-octyl phthalate	14.621	149	411356	38.631	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	597009	47.761	ng	97
88) Benzo(b)fluoranthene	15.057	252	440514	38.924	ng	100
89) Benzo(k)fluoranthene	15.092	252	417630	37.296	ng	98
90) Benzo(a)pyrene	15.433	252	431105	40.997	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	487904	47.651	ng	98
92) Benzo(g,h,i)perylene	17.474	276	503235	43.460	ng	98

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

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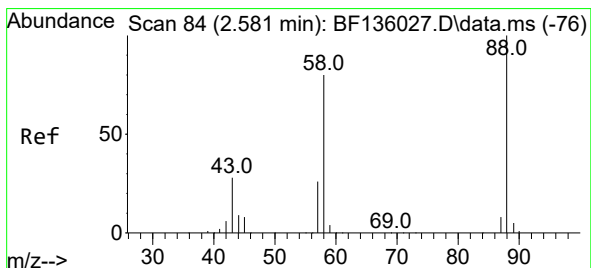
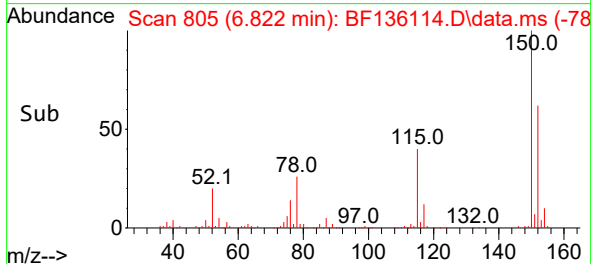
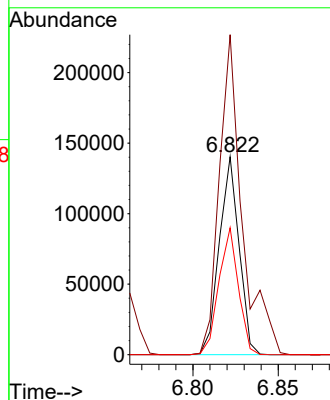
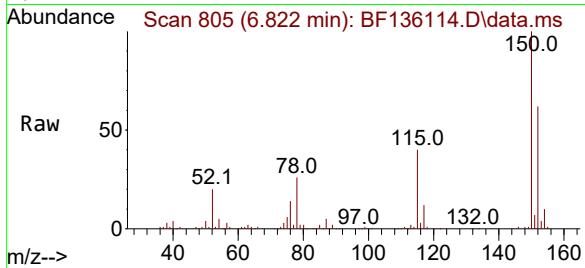




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136114.D
 Acq: 03 Nov 2023 09:59

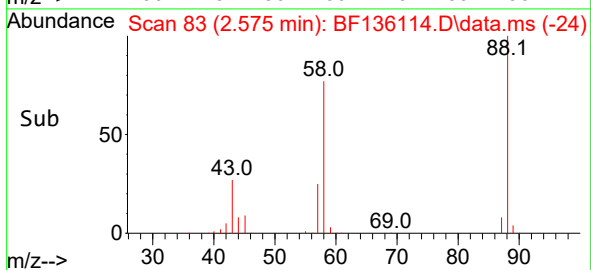
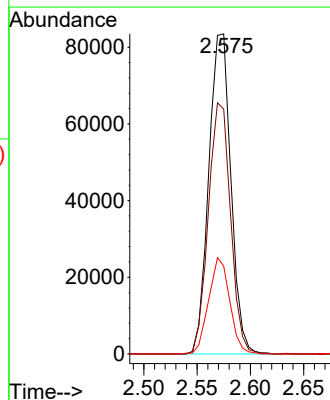
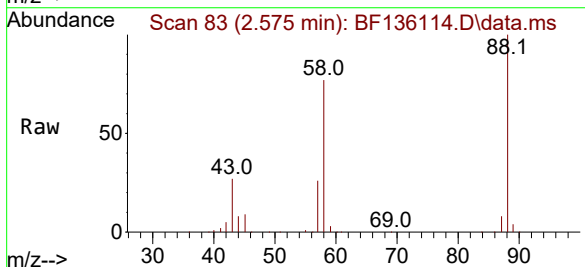
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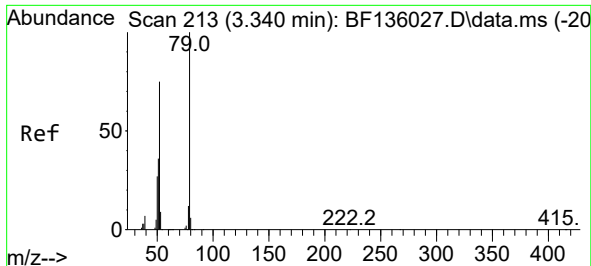
Tgt Ion:152 Resp: 113409
 Ion Ratio Lower Upper
 152 100
 150 161.7 126.4 189.6
 115 64.1 47.0 70.4



#2
 1,4-Dioxane
 Concen: 38.380 ng
 RT: 2.575 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: BF136114.D
 Acq: 03 Nov 2023 09:59

Tgt Ion: 88 Resp: 120615
 Ion Ratio Lower Upper
 88 100
 58 78.8 64.3 96.5
 43 28.7 22.3 33.5

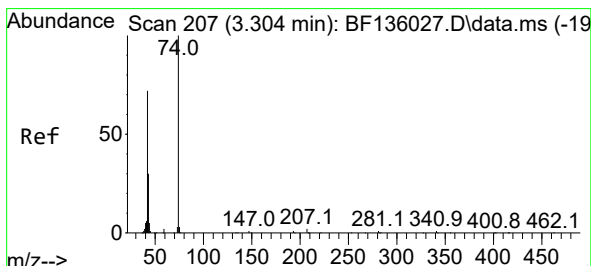
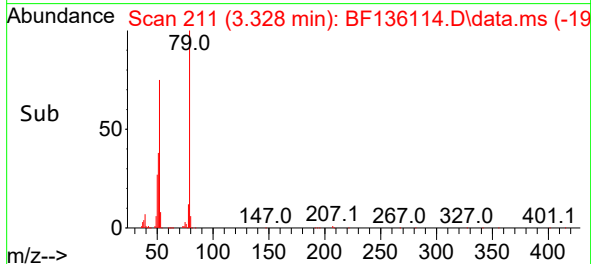
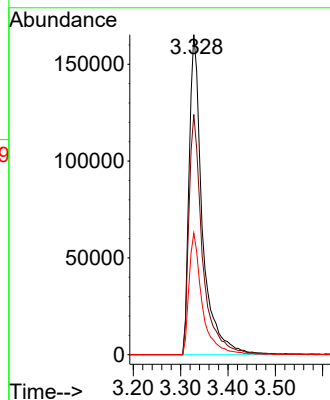
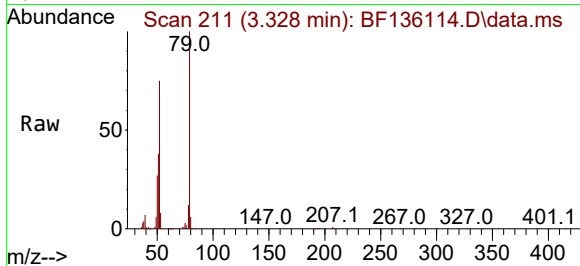




#3
 Pyridine
 Concen: 37.547 ng
 RT: 3.328 min Scan# 211
 Delta R.T. -0.012 min
 Lab File: BF136114.D
 Acq: 03 Nov 2023 09:59

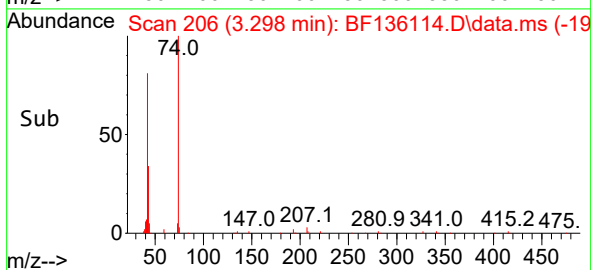
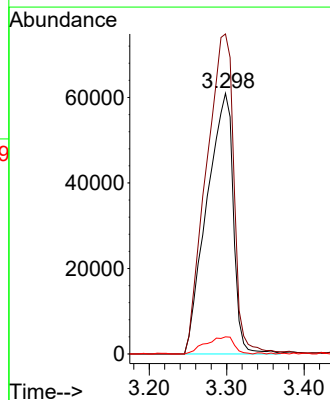
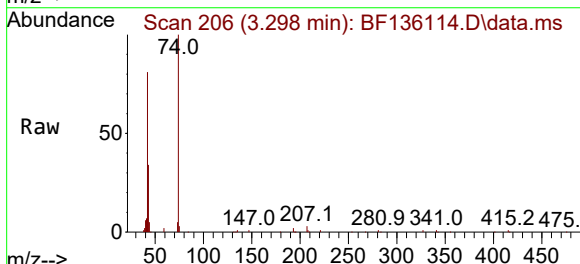
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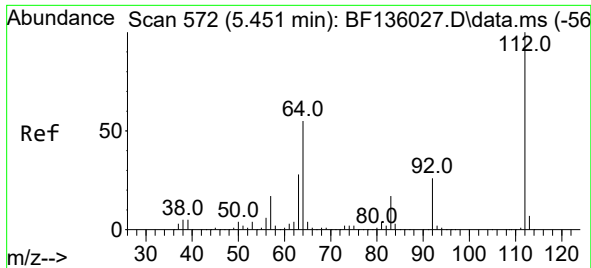
Tgt Ion: 79 Resp: 322073
 Ion Ratio Lower Upper
 79 100
 52 75.1 60.3 90.5
 51 38.1 29.3 43.9



#4
 n-Nitrosodimethylamine
 Concen: 40.289 ng
 RT: 3.298 min Scan# 206
 Delta R.T. -0.006 min
 Lab File: BF136114.D
 Acq: 03 Nov 2023 09:59

Tgt Ion: 42 Resp: 144496
 Ion Ratio Lower Upper
 42 100
 74 122.8 111.8 167.6
 44 6.6 6.2 9.4

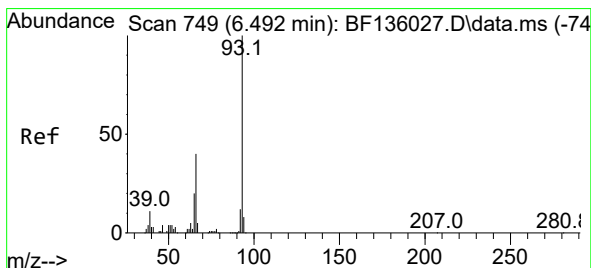
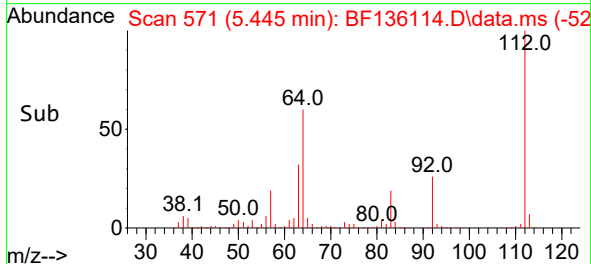
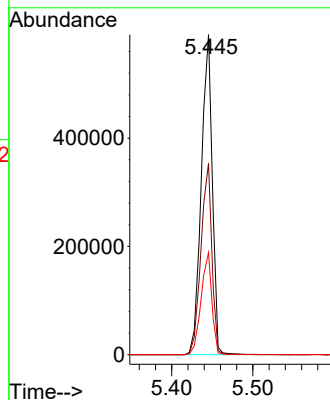
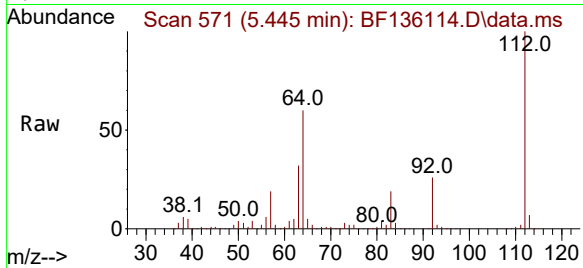




#5
2-Fluorophenol
Concen: 77.367 ng
RT: 5.445 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

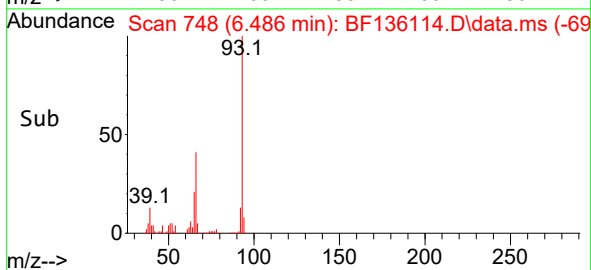
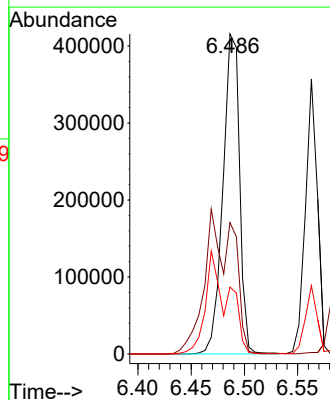
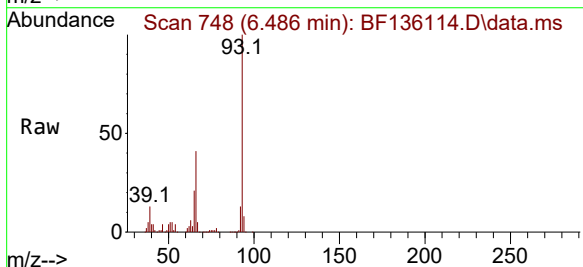
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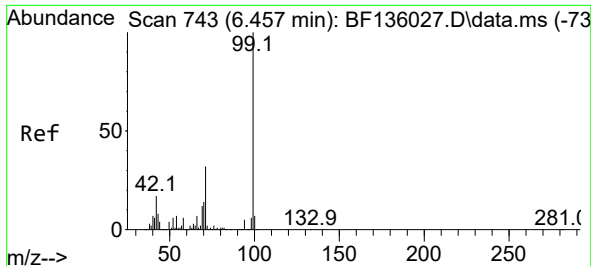
Tgt Ion:112 Resp: 558358
Ion Ratio Lower Upper
112 100
64 59.9 43.9 65.9
63 31.9 22.4 33.6



#6
Aniline
Concen: 38.771 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion: 93 Resp: 451366
Ion Ratio Lower Upper
93 100
66 41.0 32.4 48.6
65 20.9 16.2 24.2

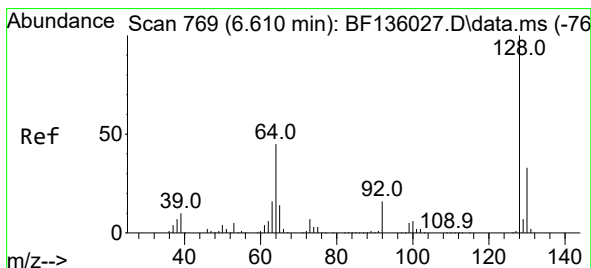
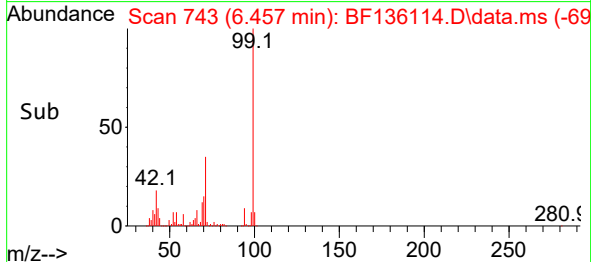
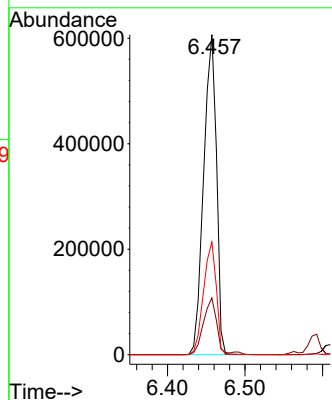
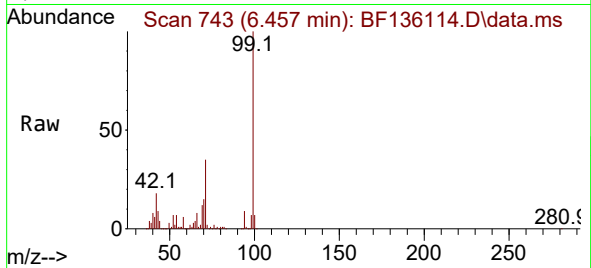




#7
Phenol-d6
Concen: 77.429 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

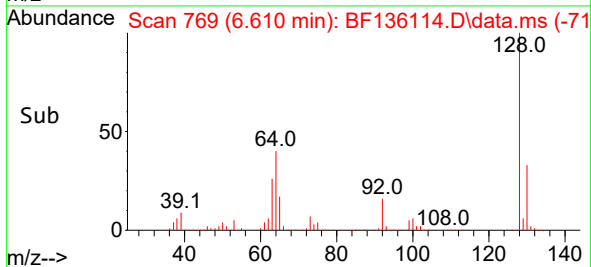
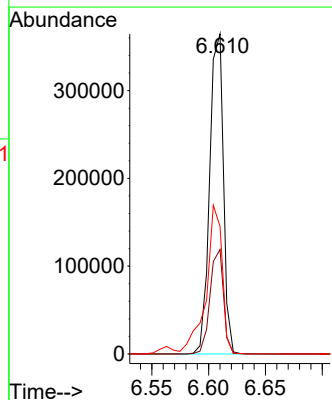
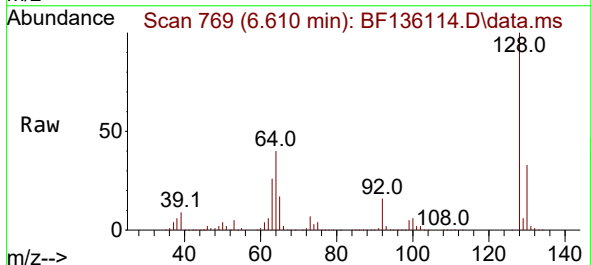
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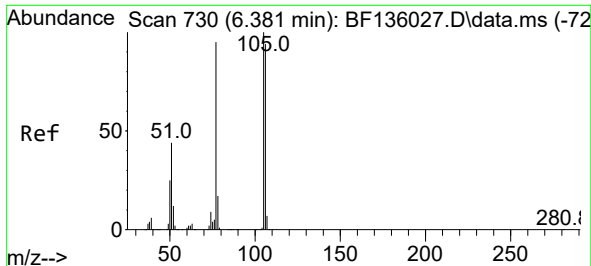
Tgt Ion: 99 Resp: 696244
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 35.3 25.9 38.9



#8
2-Chlorophenol
Concen: 39.579 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:128 Resp: 305390
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 39.8 25.8 65.8





#9

Benzaldehyde

Concen: 38.965 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

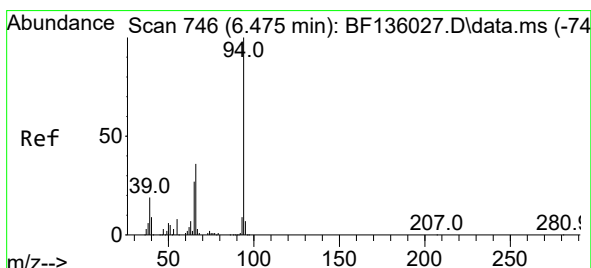
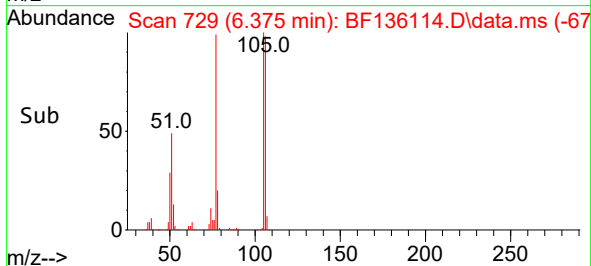
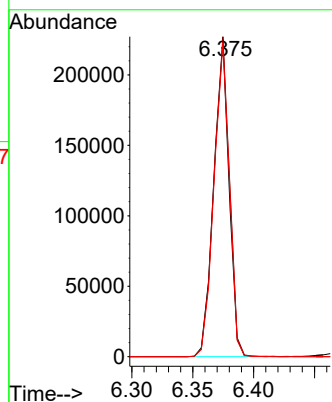
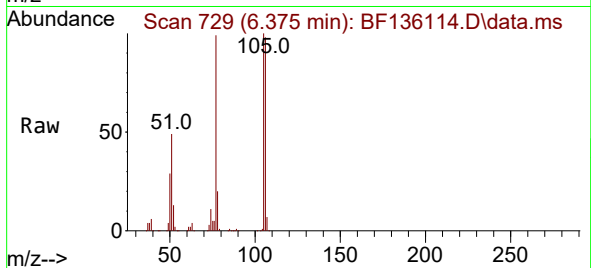
Tgt Ion: 77 Resp: 195373

Ion Ratio Lower Upper

77 100

105 100.9 85.7 125.7

106 99.0 79.8 119.8



#10

Phenol

Concen: 41.367 ng

RT: 6.469 min Scan# 745

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

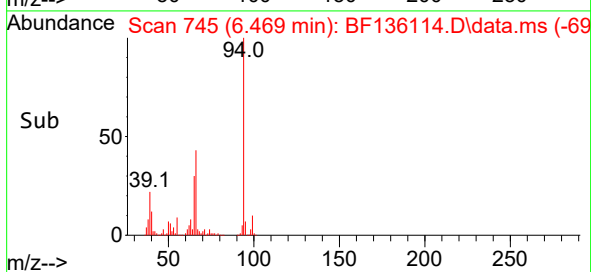
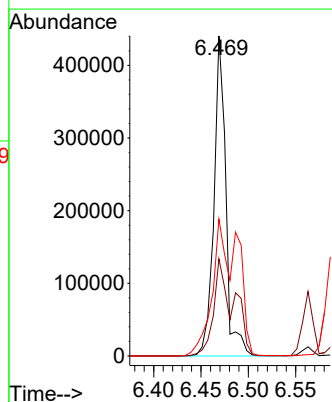
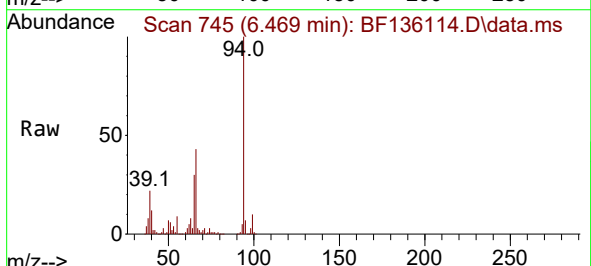
Tgt Ion: 94 Resp: 384735

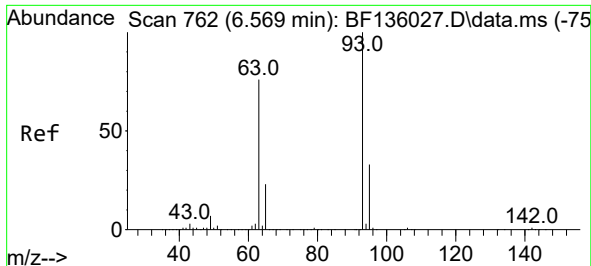
Ion Ratio Lower Upper

94 100

65 30.4 7.5 47.5

66 42.7 17.1 57.1

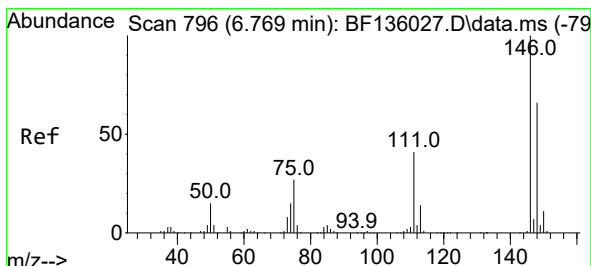
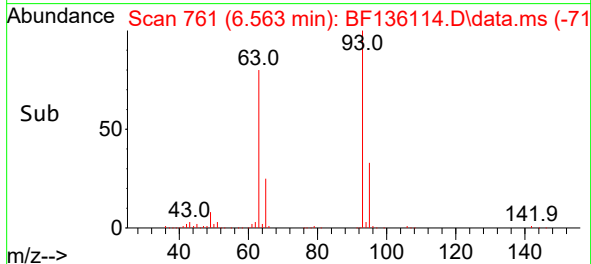
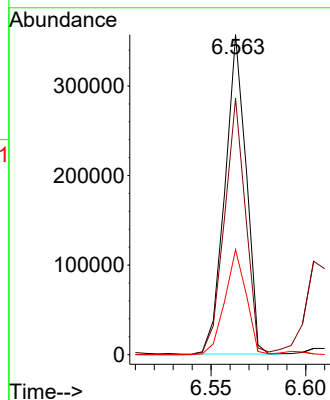
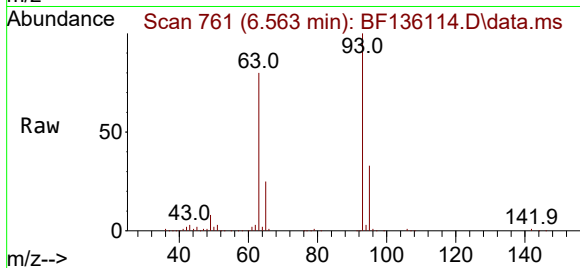




#11
bis(2-Chloroethyl)ether
Concen: 38.086 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

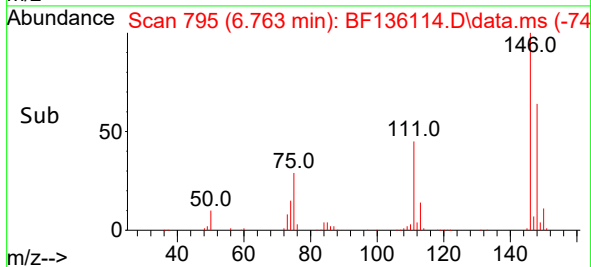
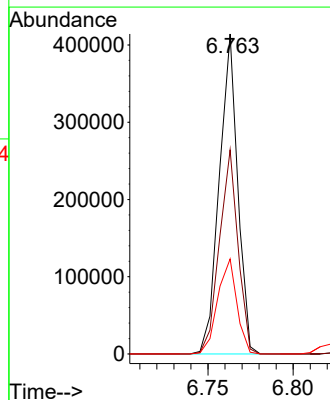
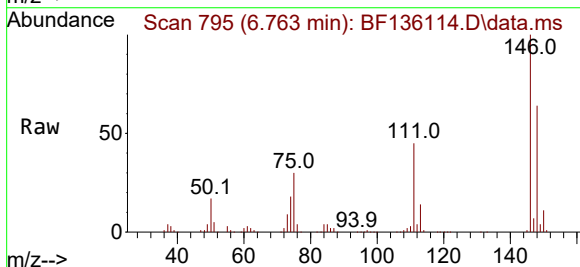
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

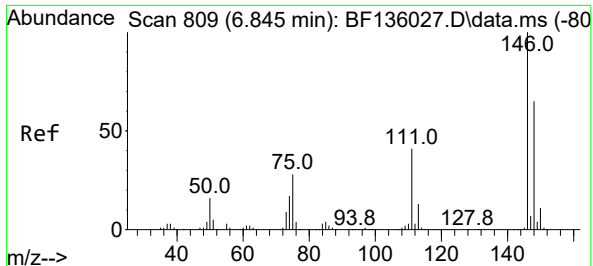
Tgt Ion: 93 Resp: 277307
Ion Ratio Lower Upper
93 100
63 80.1 55.8 95.8
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.778 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:146 Resp: 311411
Ion Ratio Lower Upper
146 100
148 63.8 52.6 78.8
75 29.7 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 39.541 ng

RT: 6.839 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

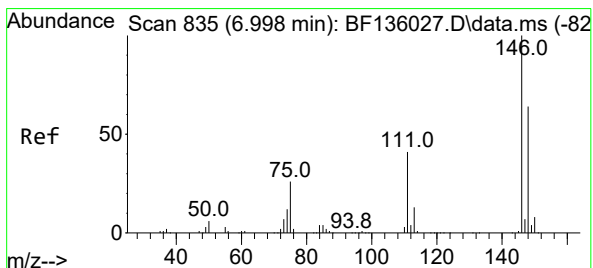
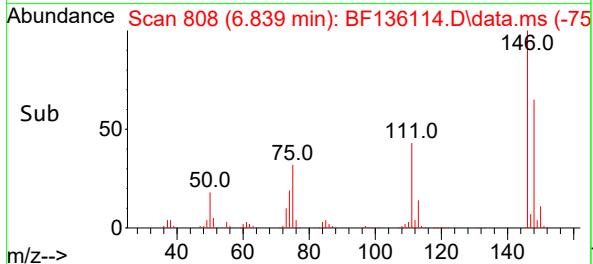
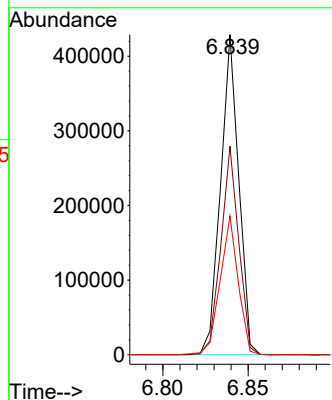
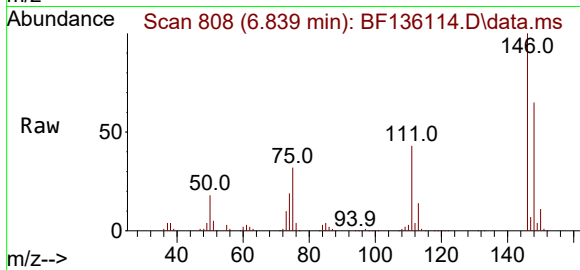
Tgt Ion:146 Resp: 318222

Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

111 43.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 38.726 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

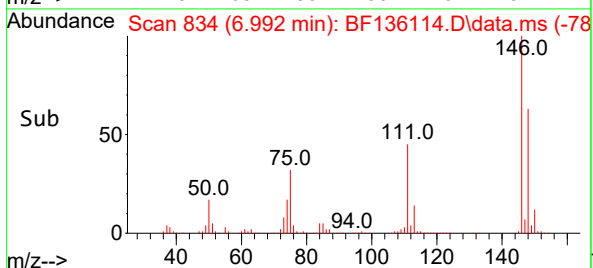
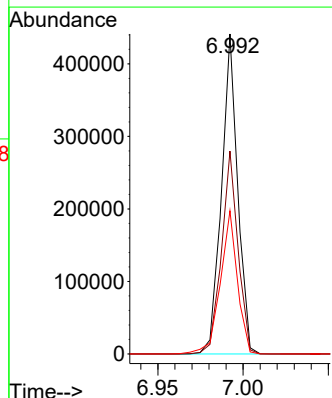
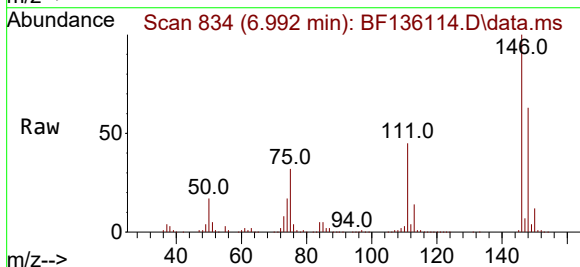
Tgt Ion:146 Resp: 291428

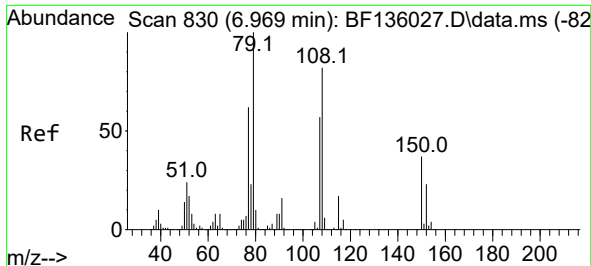
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

111 44.8 33.0 49.4

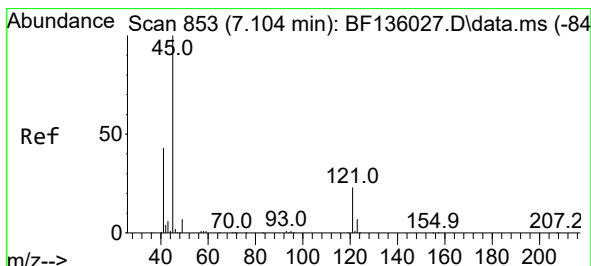
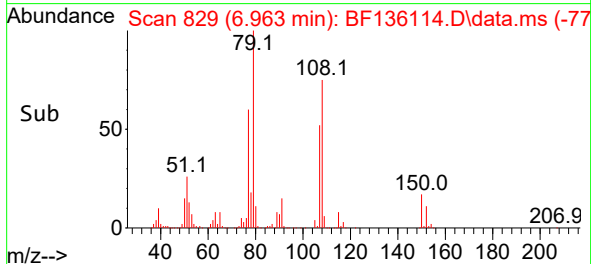
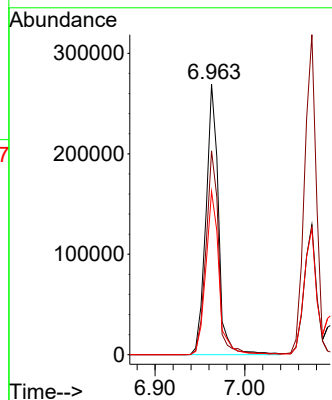
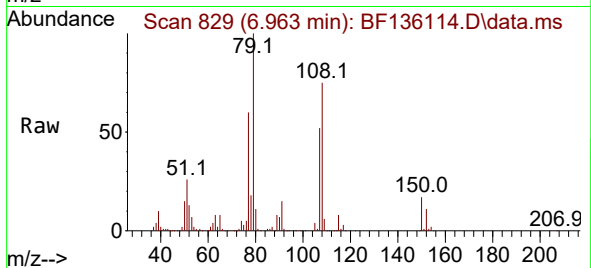




#15
Benzyl Alcohol
Concen: 41.065 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

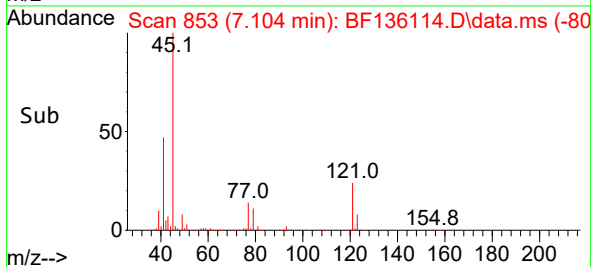
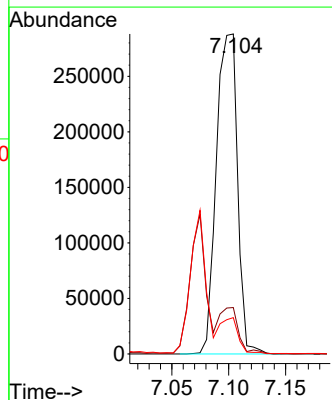
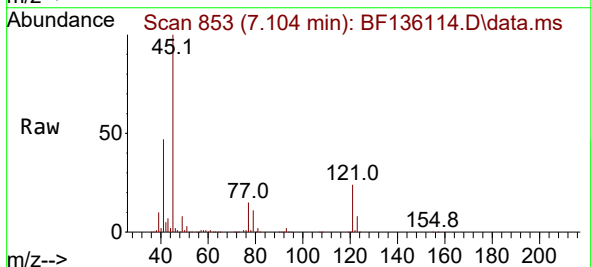
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

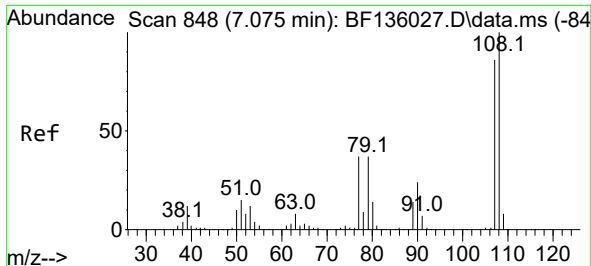
Tgt Ion: 79 Resp: 261822
Ion Ratio Lower Upper
79 100
108 75.3 65.9 98.9
77 60.4 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.246 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion: 45 Resp: 373278
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 11.4 0.0 30.6

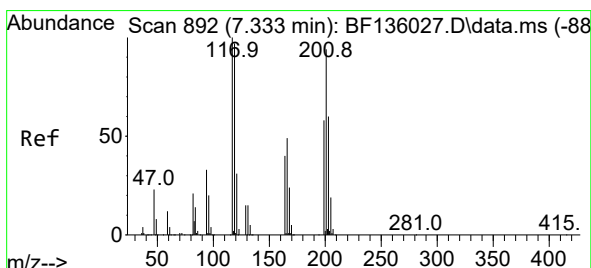
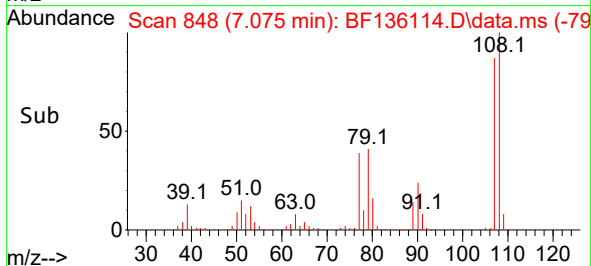
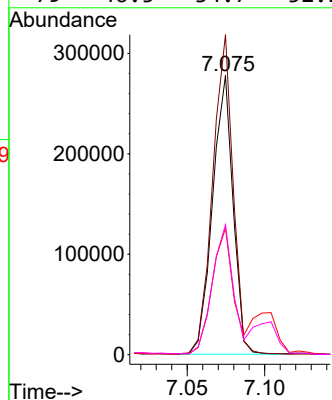
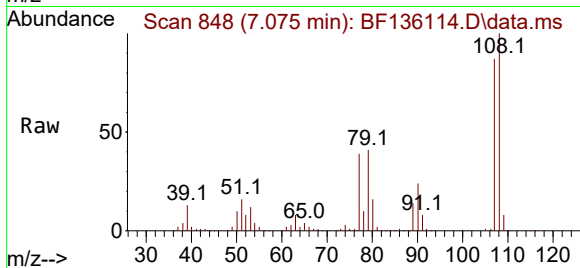




#17
2-Methylphenol
Concen: 38.905 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

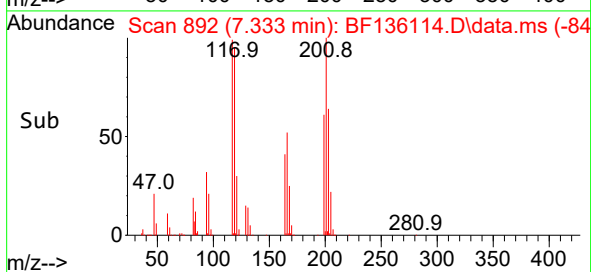
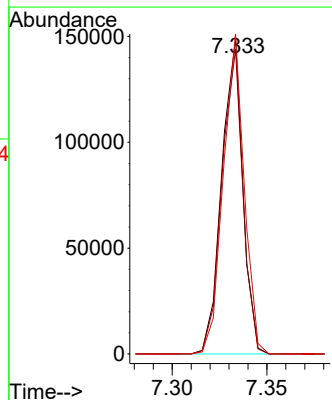
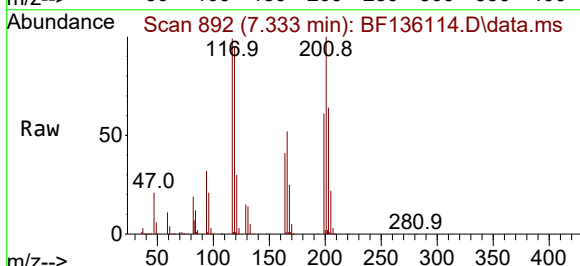
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

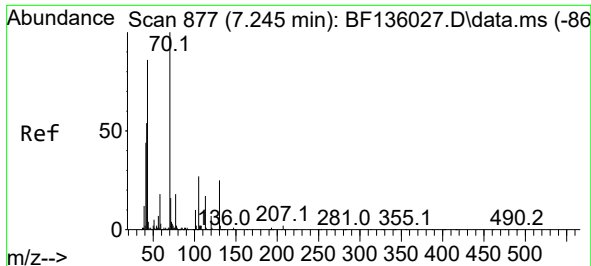
Tgt Ion:	107	Resp:	254658
Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.4	140.2
77	45.3	34.4	51.6
79	46.5	34.7	52.1



#18
Hexachloroethane
Concen: 40.680 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:	117	Resp:	115071
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.7	116.5
201	101.3	75.0	112.6



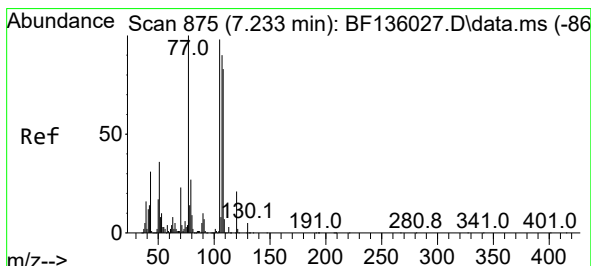
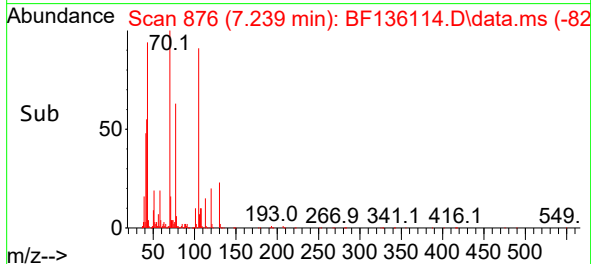
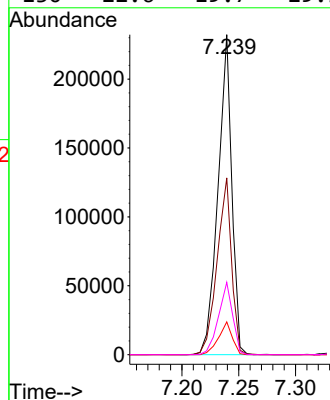
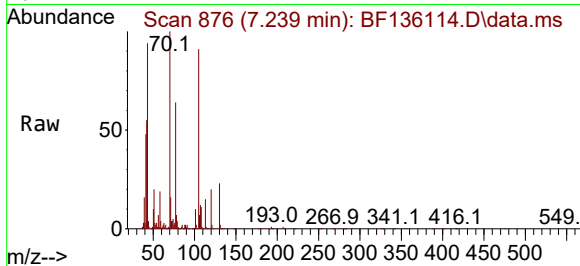


#19
n-Nitroso-di-n-propylamine
Concen: 38.228 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 196407

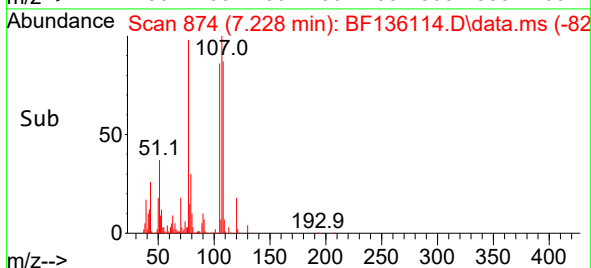
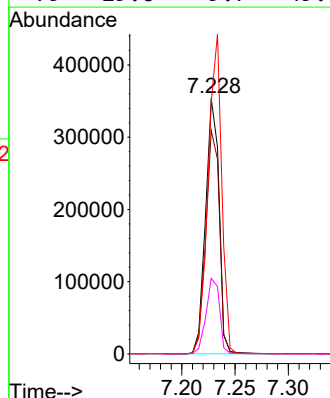
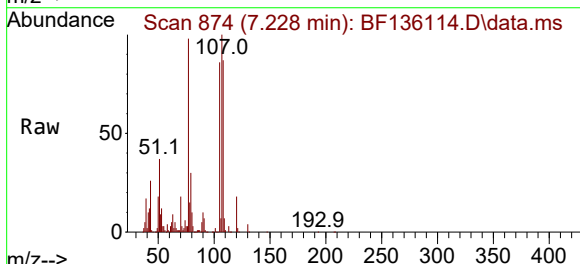
Ion	Ratio	Lower	Upper
70	100		
42	55.2	43.0	64.4
101	10.2	8.0	12.0
130	22.6	19.7	29.5

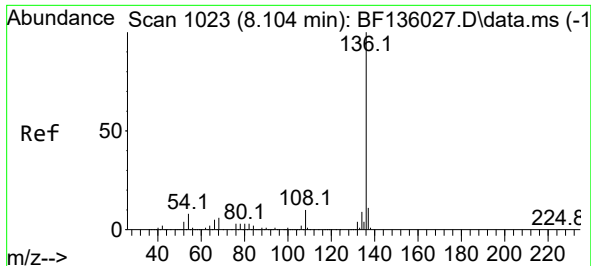


#20
3+4-Methylphenols
Concen: 39.030 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion: 107 Resp: 311523

Ion	Ratio	Lower	Upper
107	100		
108	87.5	72.3	112.3
77	98.5	91.4	131.4
79	29.6	9.7	49.7

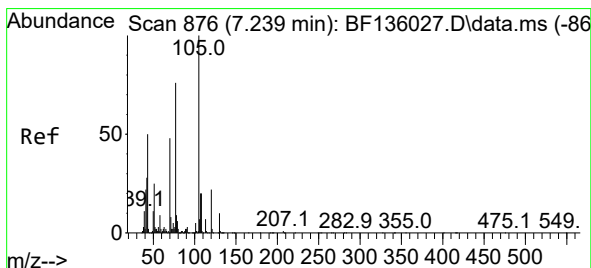
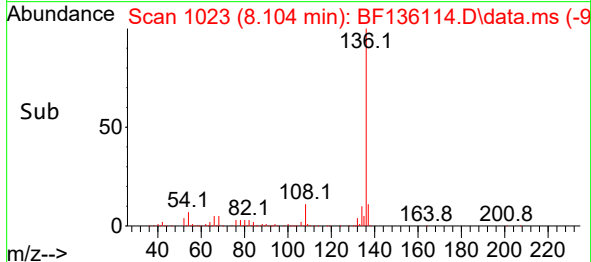
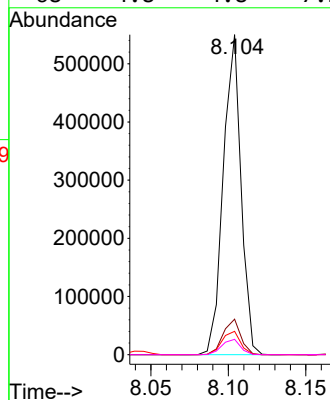
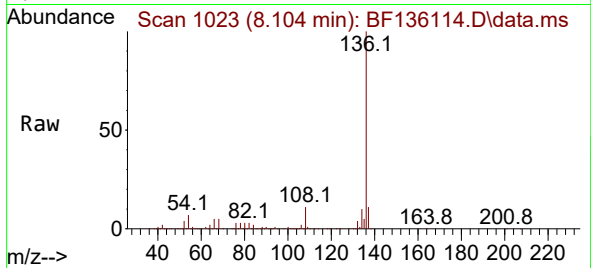




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

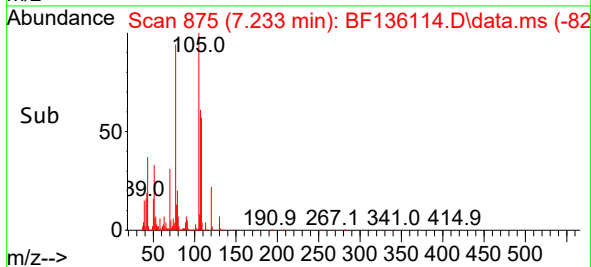
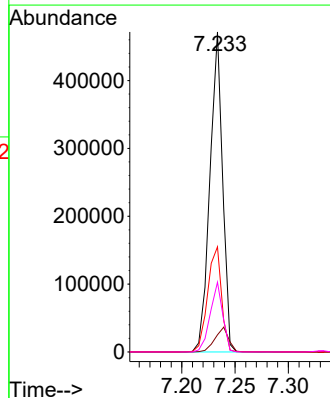
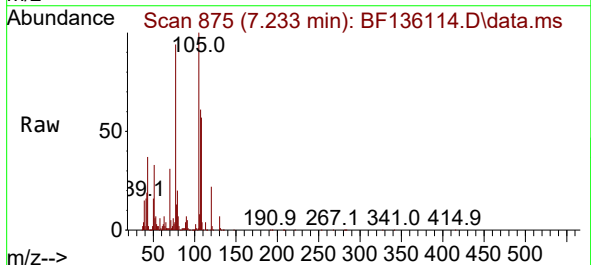
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

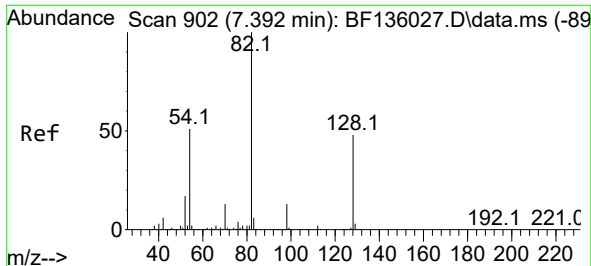
Tgt Ion:136 Resp: 437244
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.3 6.6 9.8
68 4.8 4.8 7.2



#22
Acetophenone
Concen: 40.378 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:105 Resp: 391489
Ion Ratio Lower Upper
105 100
71 5.4 6.5 9.7#
51 32.9 20.3 30.5#
120 21.8 17.8 26.8





#23

Nitrobenzene-d5

Concen: 86.471 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

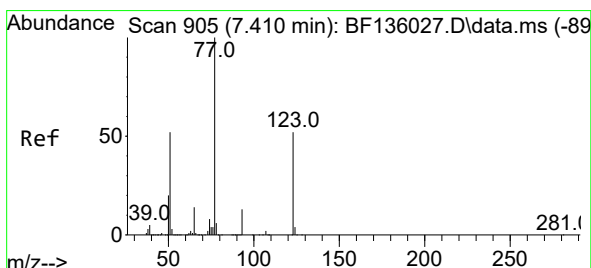
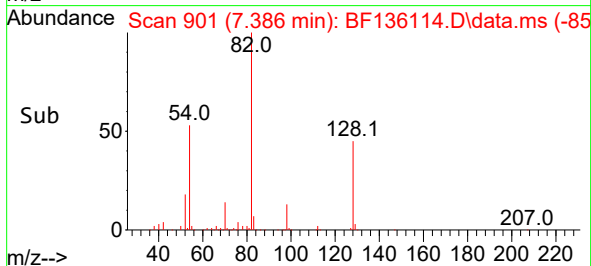
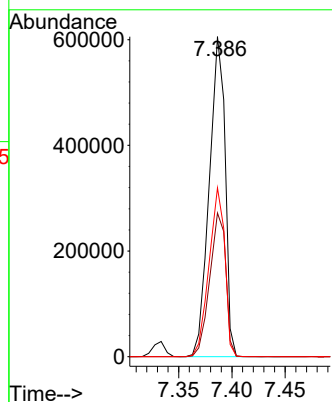
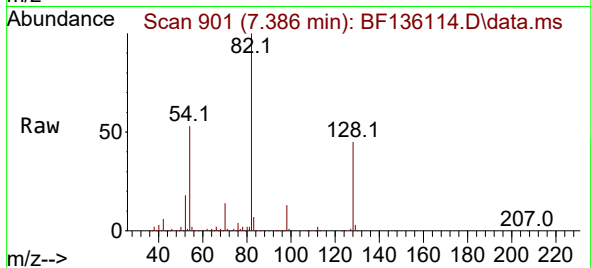
Tgt Ion: 82 Resp: 627199

Ion Ratio Lower Upper

82 100

128 44.9 38.6 57.8

54 52.7 40.8 61.2



#24

Nitrobenzene

Concen: 41.964 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

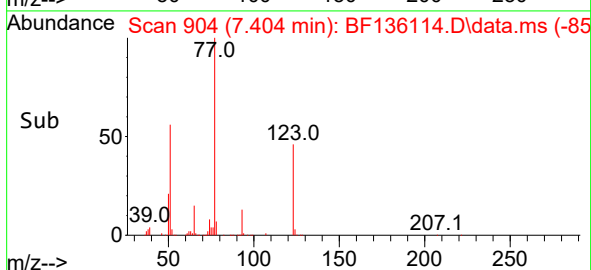
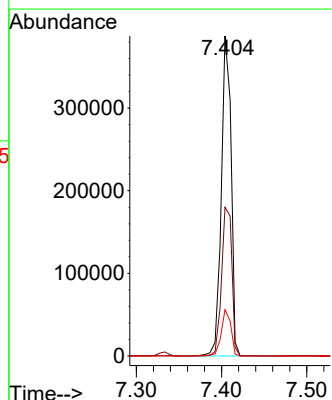
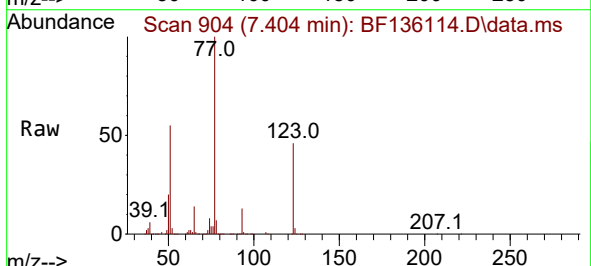
Tgt Ion: 77 Resp: 307884

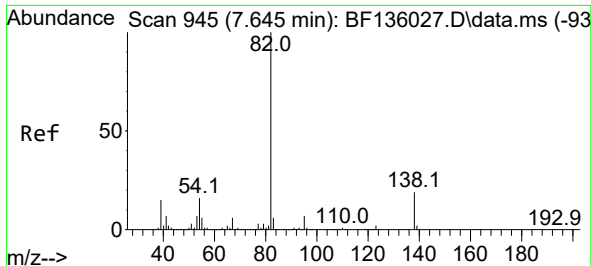
Ion Ratio Lower Upper

77 100

123 46.5 42.3 63.5

65 14.4 11.0 16.6

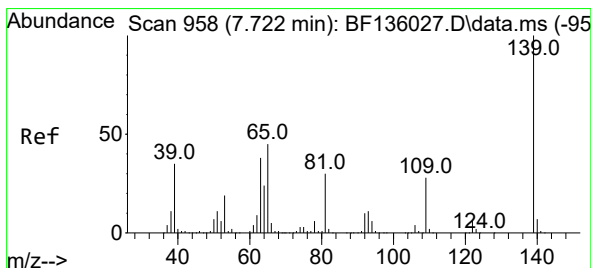
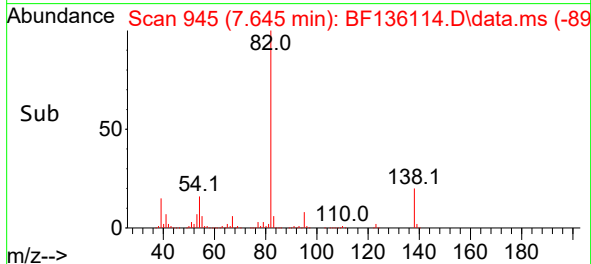
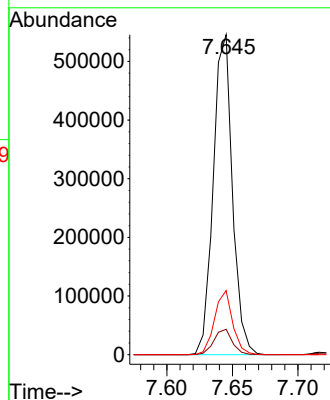
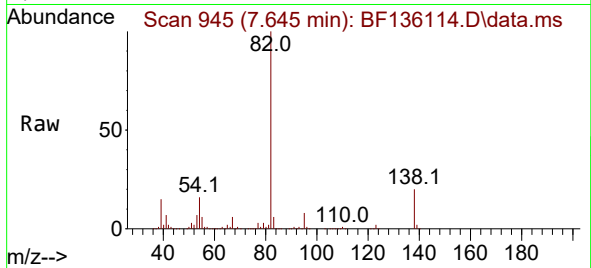




#25
Isophorone
Concen: 40.409 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

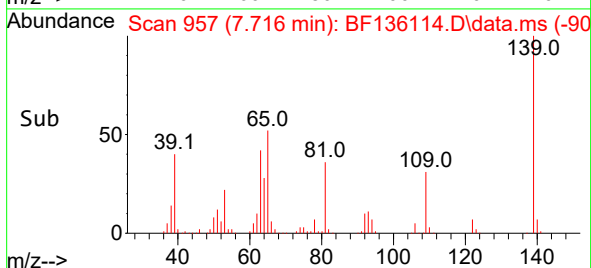
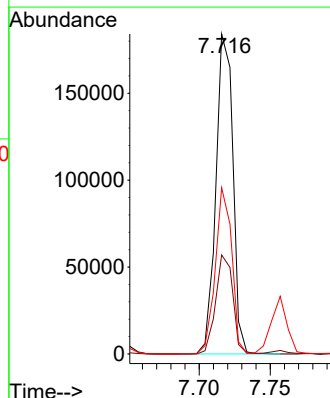
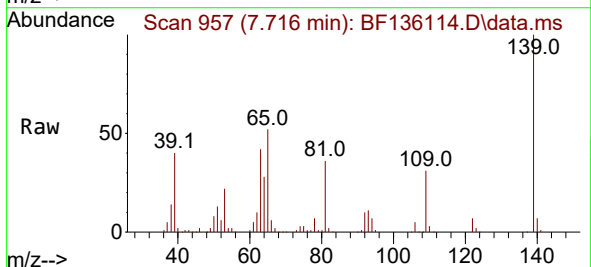
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

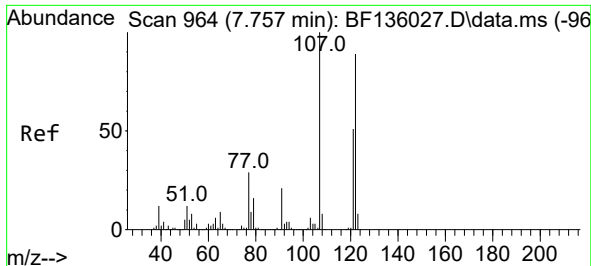
Tgt Ion: 82 Resp: 553331
Ion Ratio Lower Upper
82 100
95 8.0 5.9 8.9
138 20.1 15.3 22.9



#26
2-Nitrophenol
Concen: 45.726 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:139 Resp: 153065
Ion Ratio Lower Upper
139 100
109 30.9 22.6 34.0
65 52.0 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 39.940 ng

RT: 7.757 min Scan# 964

Delta R.T. 0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

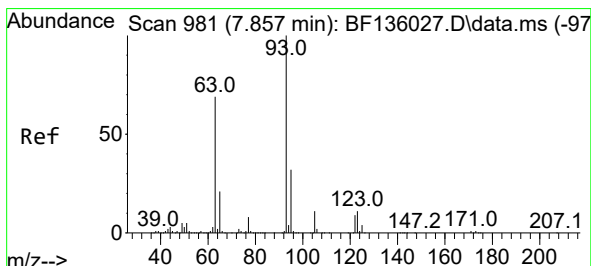
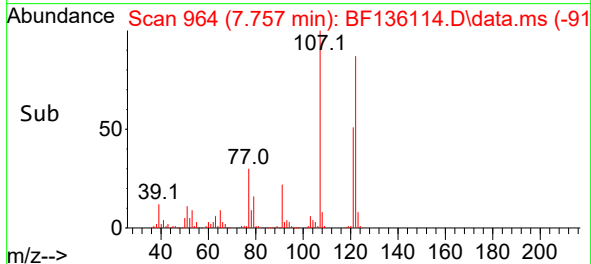
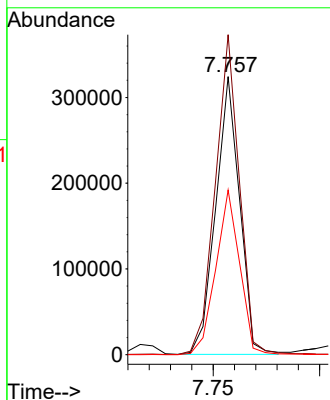
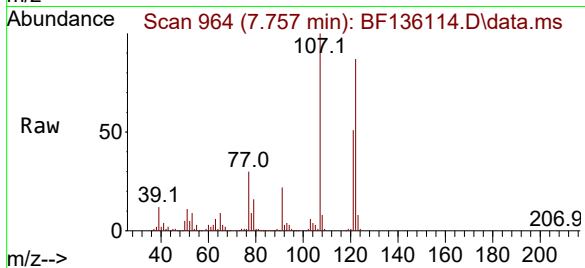
Tgt Ion:122 Resp: 252640

Ion Ratio Lower Upper

122 100

107 115.1 89.6 134.4

121 59.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.568 ng

RT: 7.857 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

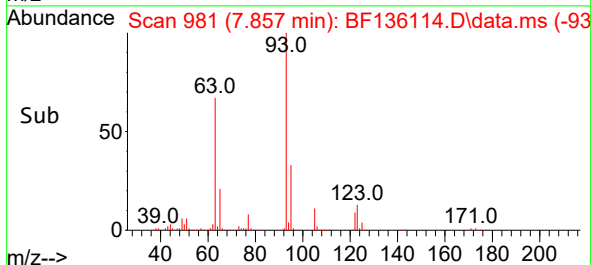
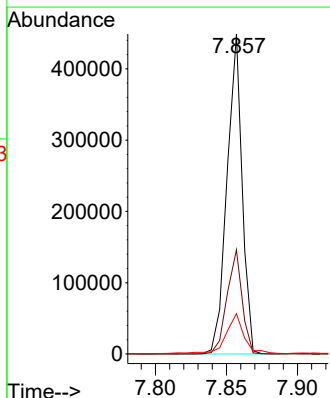
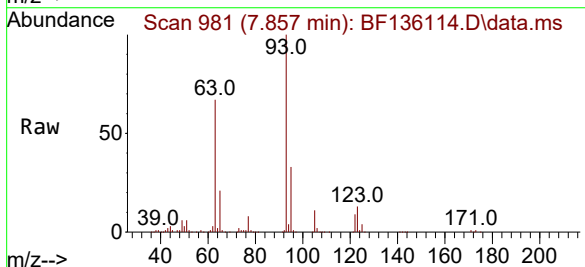
Tgt Ion: 93 Resp: 331974

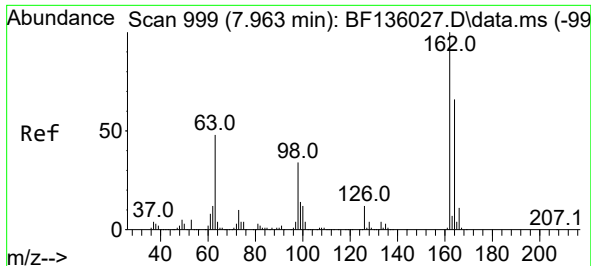
Ion Ratio Lower Upper

93 100

95 32.5 25.7 38.5

123 12.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.693 ng

RT: 7.957 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

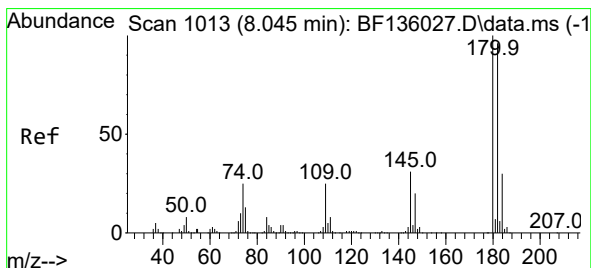
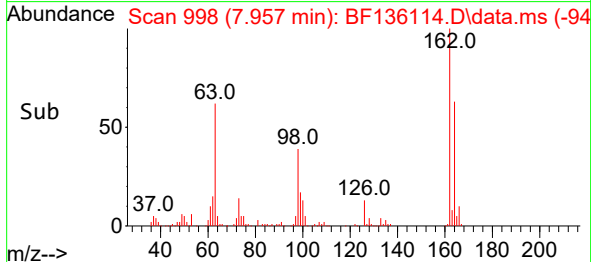
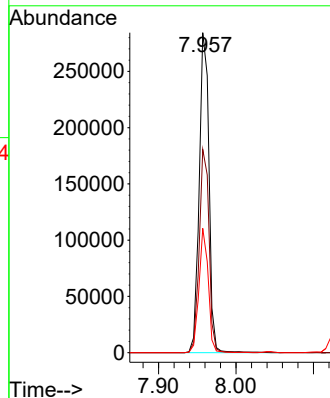
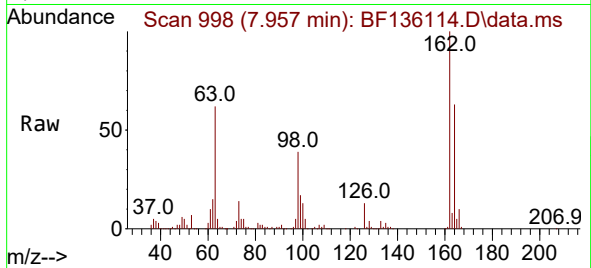
Tgt Ion:162 Resp: 248625

Ion Ratio Lower Upper

162 100

164 63.5 45.5 85.5

98 38.8 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 40.605 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

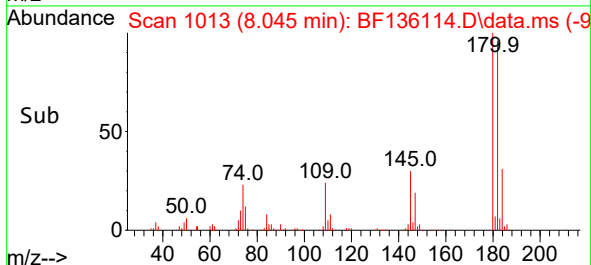
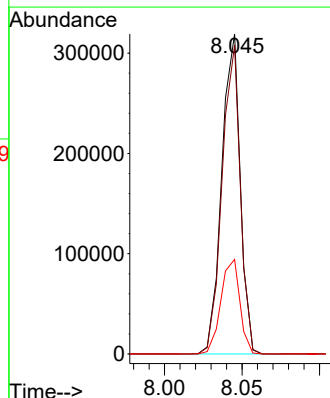
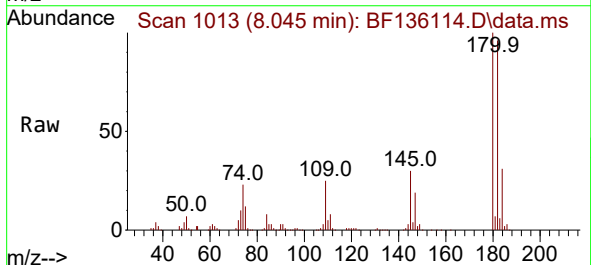
Tgt Ion:180 Resp: 264143

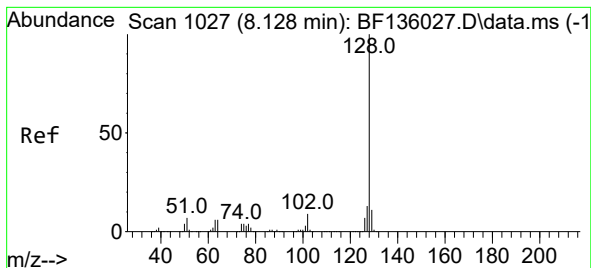
Ion Ratio Lower Upper

180 100

182 96.5 76.9 115.3

145 29.6 24.7 37.1





#31

Naphthalene

Concen: 40.833 ng

RT: 8.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

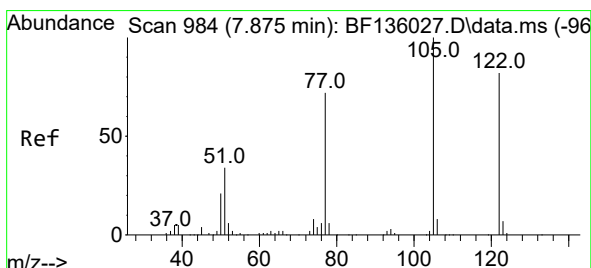
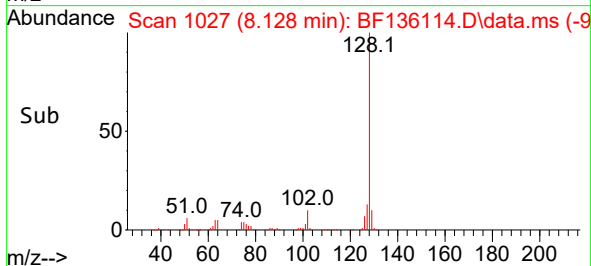
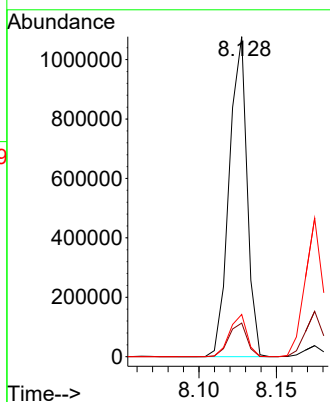
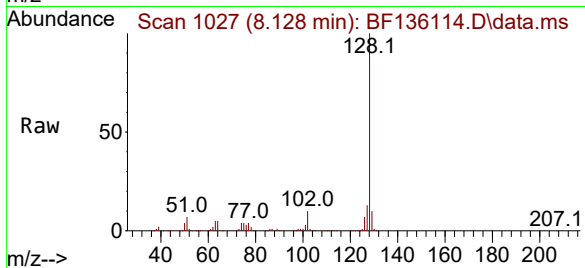
Tgt Ion:128 Resp: 860950

Ion Ratio Lower Upper

128 100

129 10.5 8.9 13.3

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 30.492 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

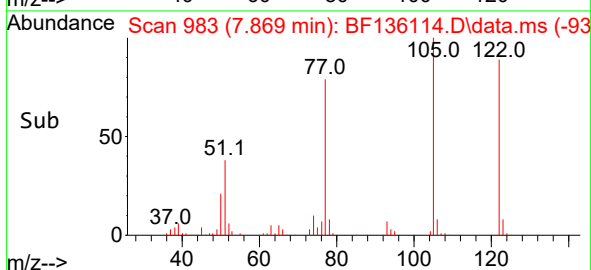
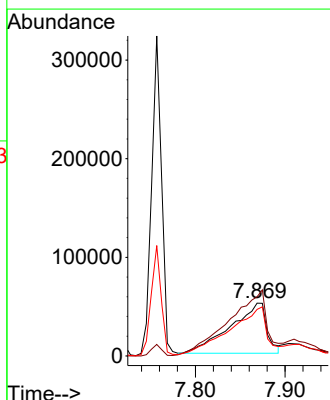
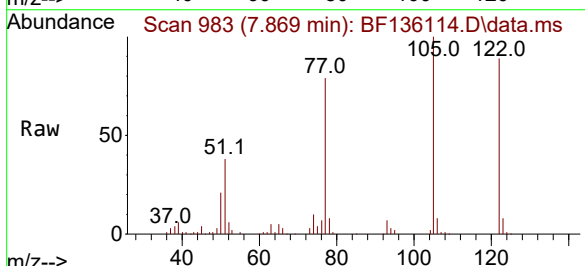
Tgt Ion:122 Resp: 143929

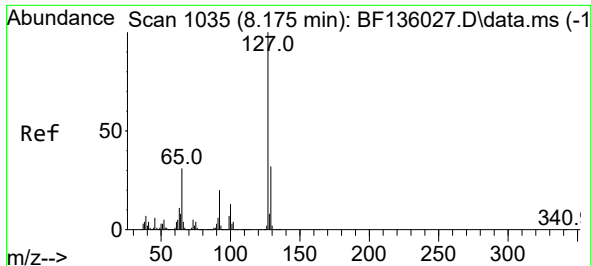
Ion Ratio Lower Upper

122 100

105 112.1 99.5 139.5

77 88.0 66.8 106.8

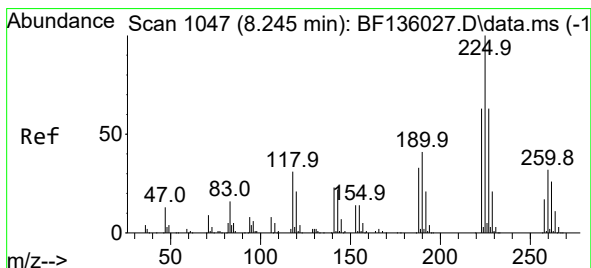
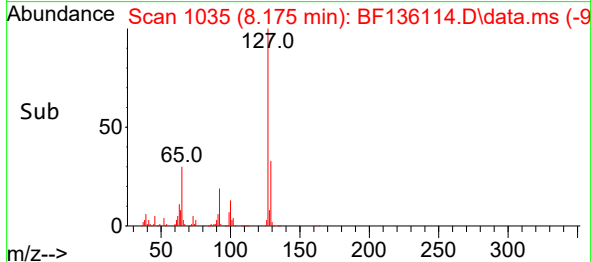
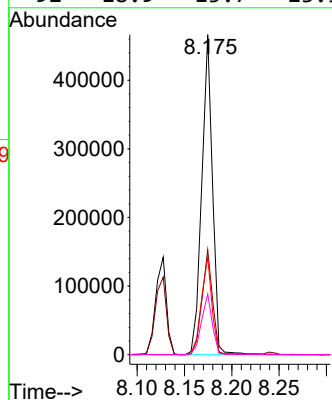
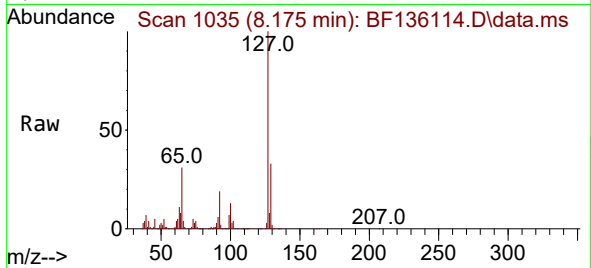




#33
4-Chloroaniline
Concen: 40.165 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

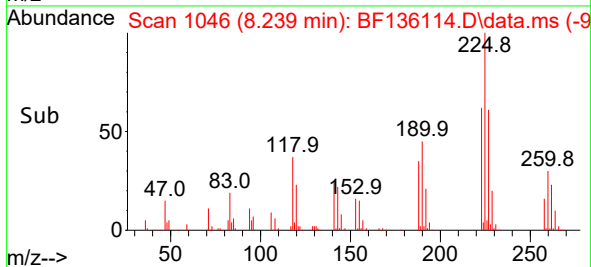
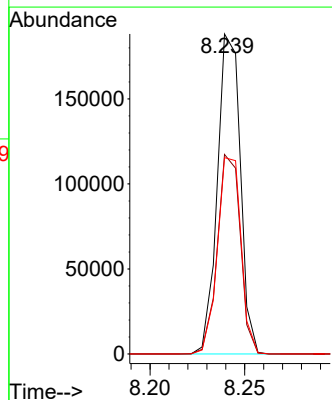
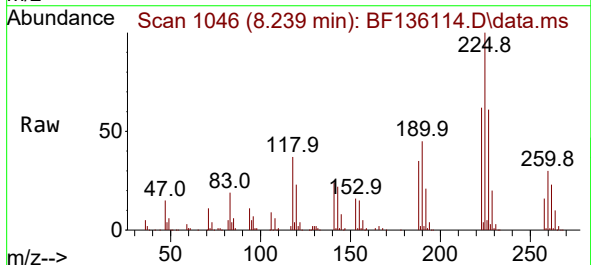
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

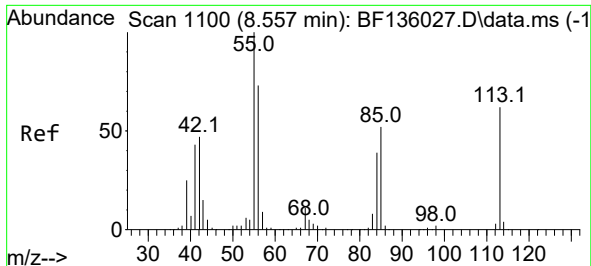
Tgt Ion:	127	Resp:	370872
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	30.5	24.6	37.0
92	18.9	15.7	23.5



#34
Hexachlorobutadiene
Concen: 42.591 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:	225	Resp:	158893
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.3	75.5
227	61.3	50.6	75.8

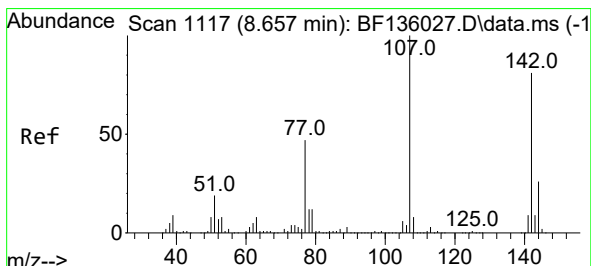
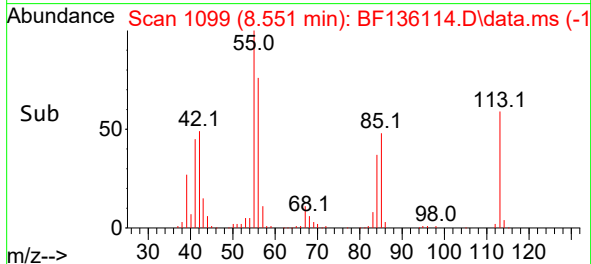
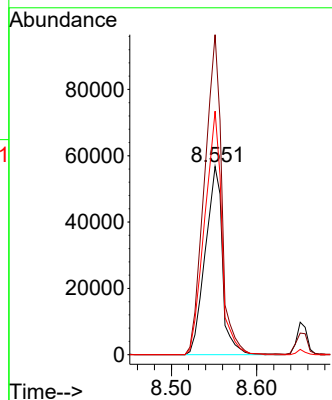
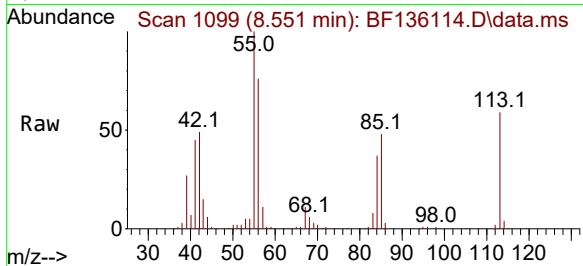




#35
 Caprolactam
 Concen: 40.759 ng
 RT: 8.551 min Scan# 1100
 Delta R.T. -0.006 min
 Lab File: BF136114.D
 Acq: 03 Nov 2023 09:59

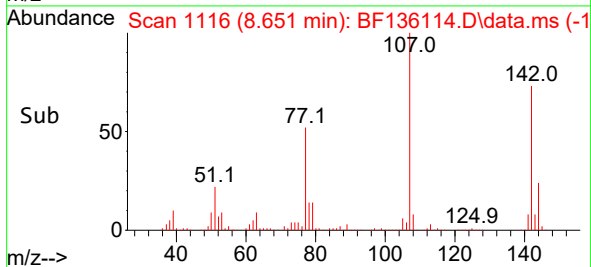
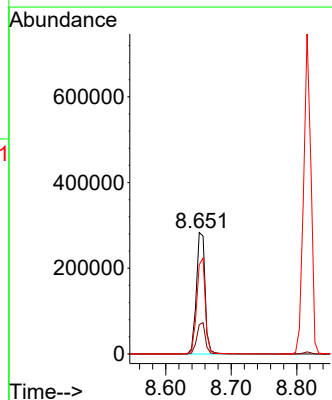
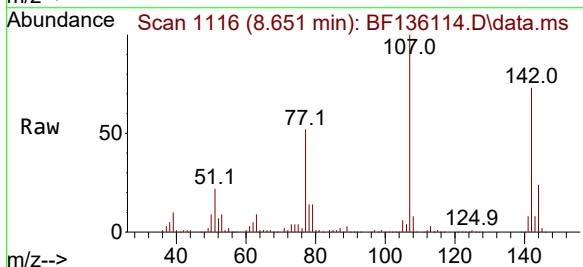
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

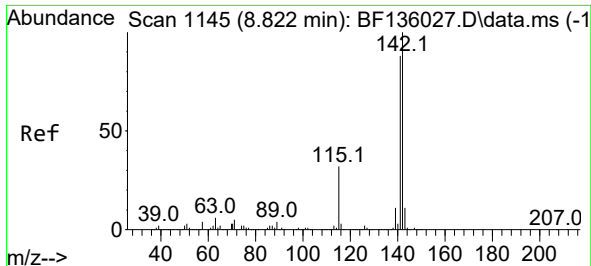
Tgt Ion:113 Resp: 79031
 Ion Ratio Lower Upper
 113 100
 55 170.1 142.2 182.2
 56 129.4 97.7 137.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.939 ng
 RT: 8.651 min Scan# 1116
 Delta R.T. -0.006 min
 Lab File: BF136114.D
 Acq: 03 Nov 2023 09:59

Tgt Ion:107 Resp: 262557
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.6 31.0
 142 73.5 64.6 97.0





#37

2-Methylnaphthalene

Concen: 40.508 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

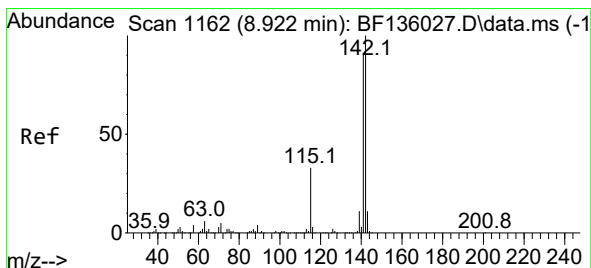
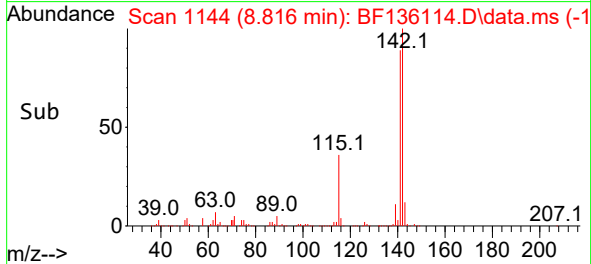
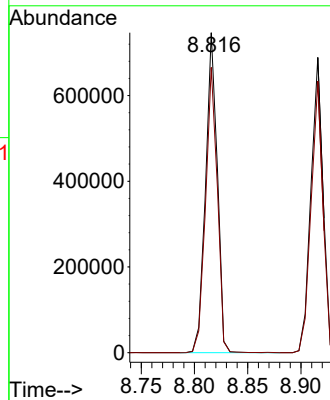
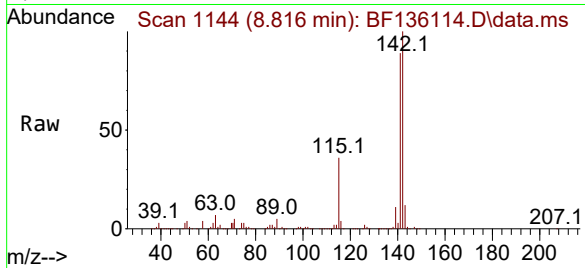
SSTDCCC040

Tgt Ion:142 Resp: 572690

Ion Ratio Lower Upper

142 100

141 89.1 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.062 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF136114.D

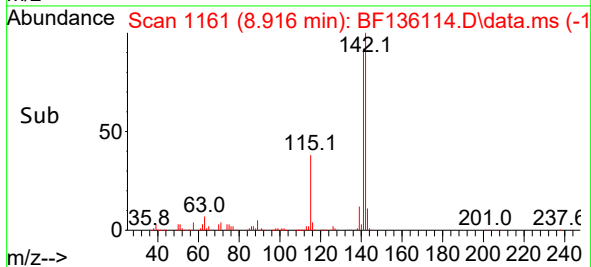
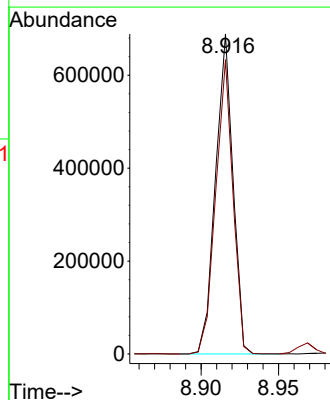
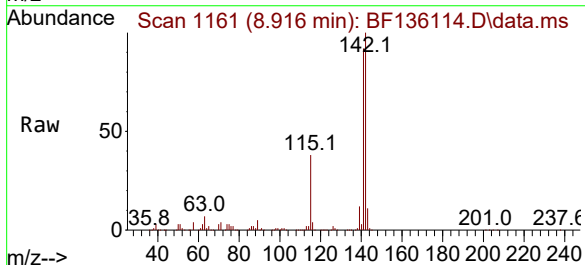
Acq: 03 Nov 2023 09:59

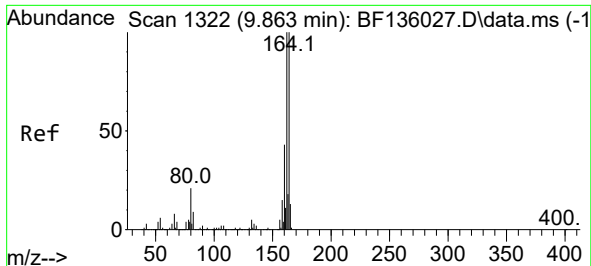
Tgt Ion:142 Resp: 540246

Ion Ratio Lower Upper

142 100

141 92.0 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

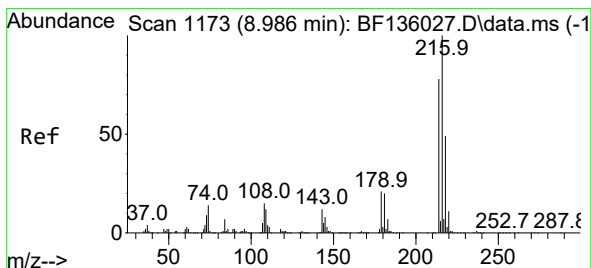
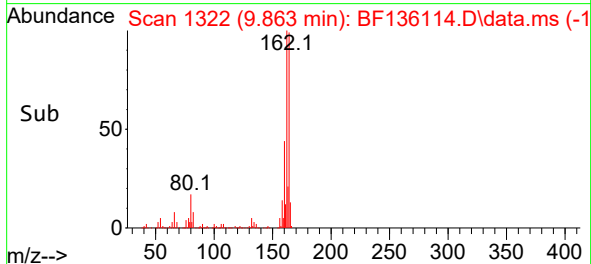
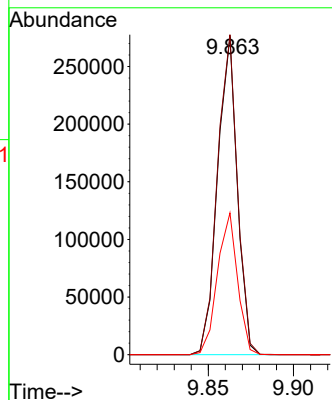
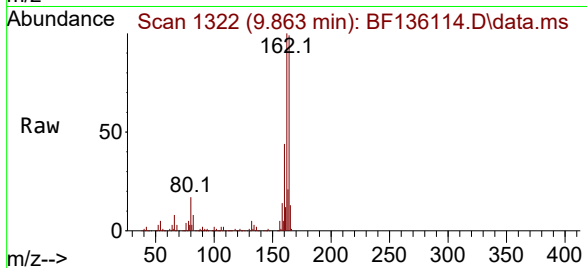
Tgt Ion:164 Resp: 222223

Ion Ratio Lower Upper

164 100

162 100.6 80.1 120.1

160 44.5 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.657 ng

RT: 8.980 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Tgt Ion:216 Resp: 264007

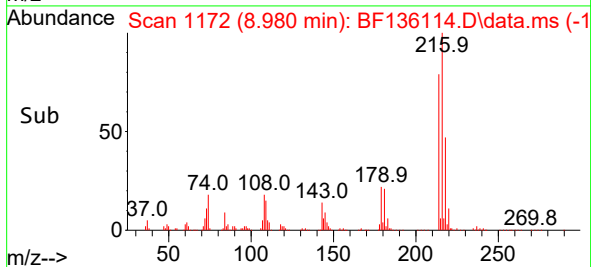
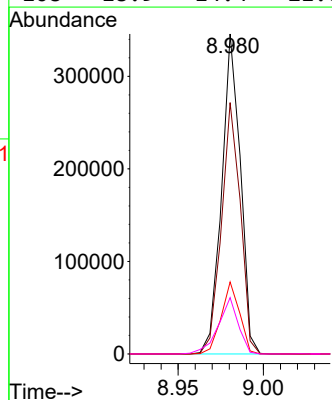
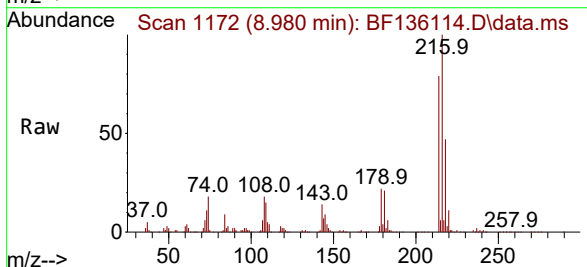
Ion Ratio Lower Upper

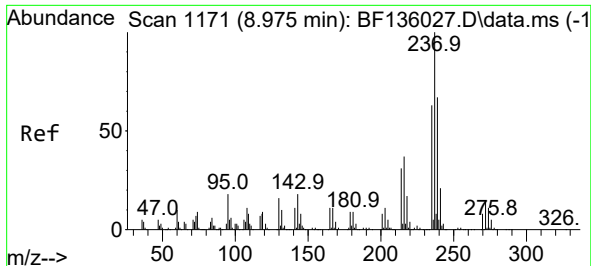
216 100

214 79.1 63.8 95.6

179 22.2 17.5 26.3

108 18.9 14.4 21.6

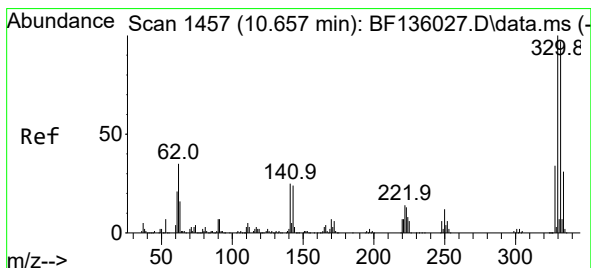
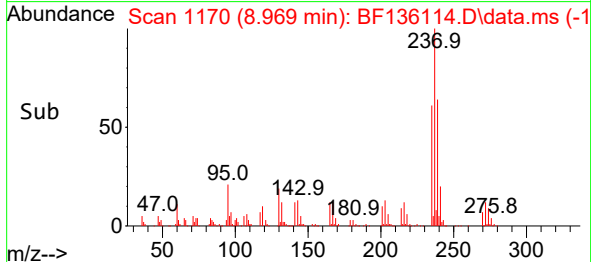
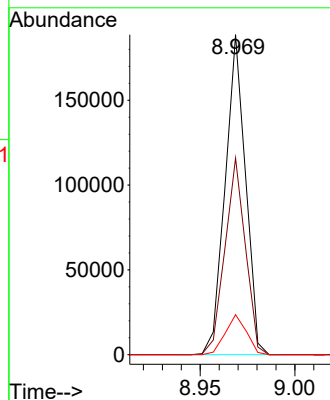
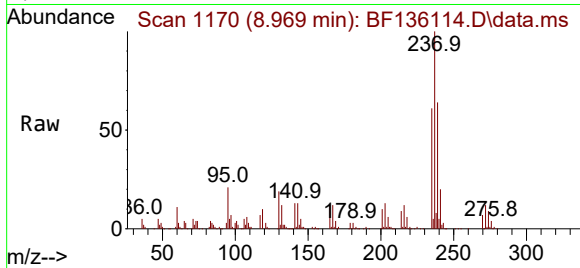




#41
Hexachlorocyclopentadiene
Concen: 41.750 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

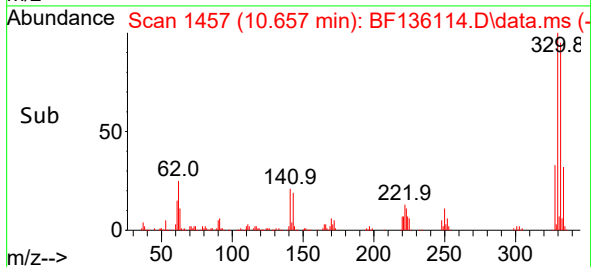
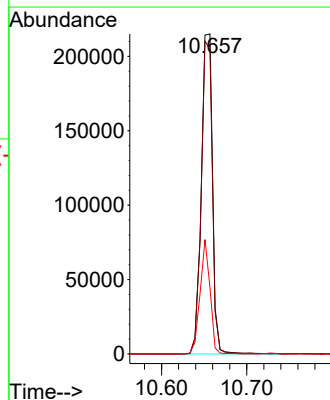
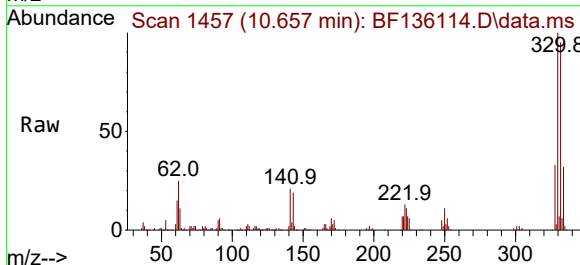
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

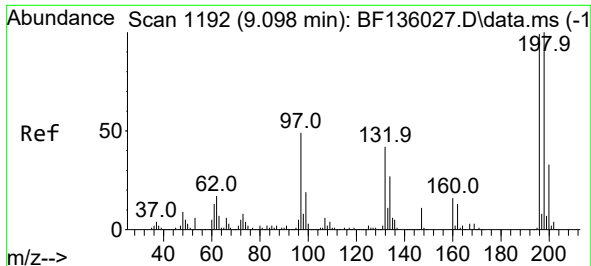
Tgt Ion:237 Resp: 141359
Ion Ratio Lower Upper
237 100
235 61.5 43.3 83.3
272 12.5 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 82.929 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:330 Resp: 196703
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 31.6 23.2 34.8

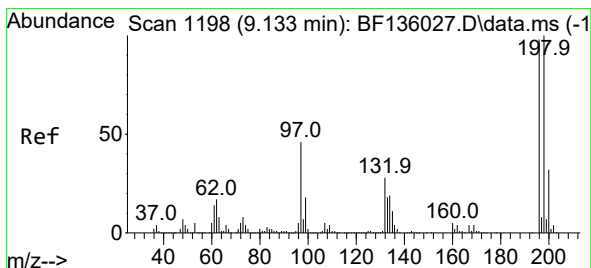
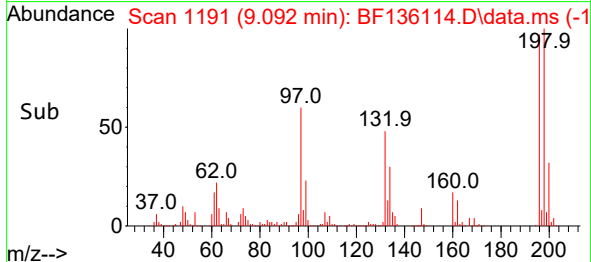
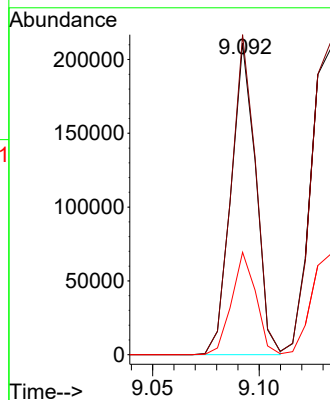
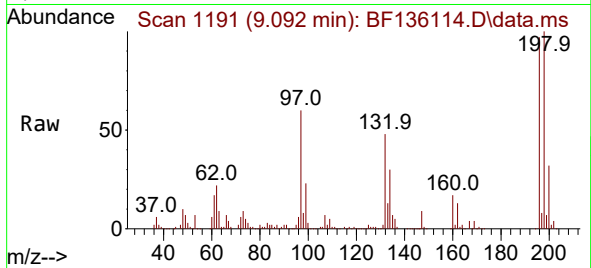




#43
2,4,6-Trichlorophenol
Concen: 41.089 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

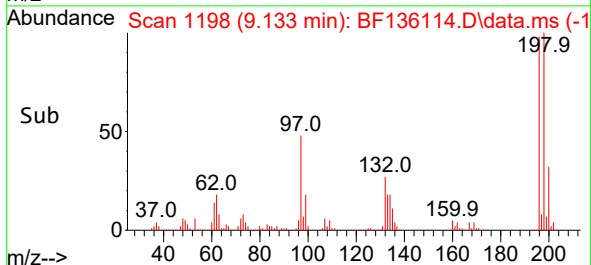
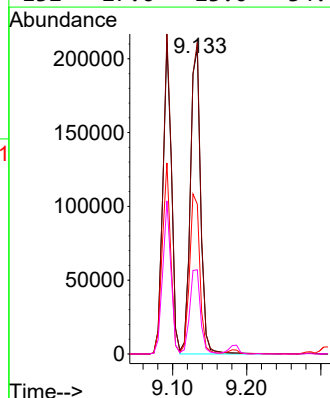
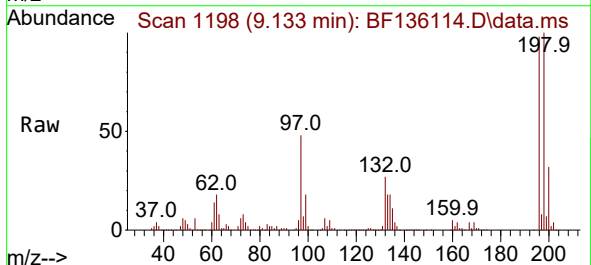
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

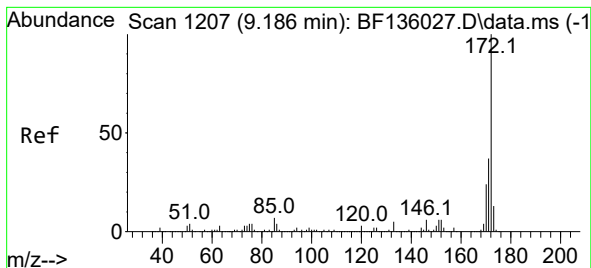
Tgt Ion:196 Resp: 169789
Ion Ratio Lower Upper
196 100
198 102.8 80.7 121.1
200 32.9 26.8 40.2



#44
2,4,5-Trichlorophenol
Concen: 42.104 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:196 Resp: 201536
Ion Ratio Lower Upper
196 100
198 102.1 81.6 122.4
97 49.1 38.2 57.2
132 27.6 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 83.440 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

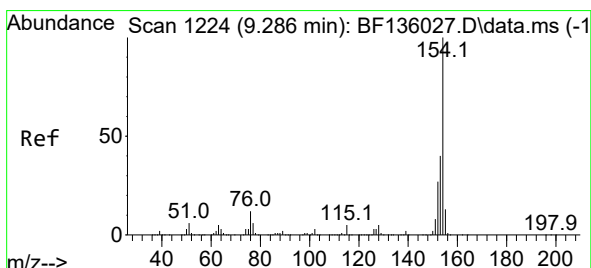
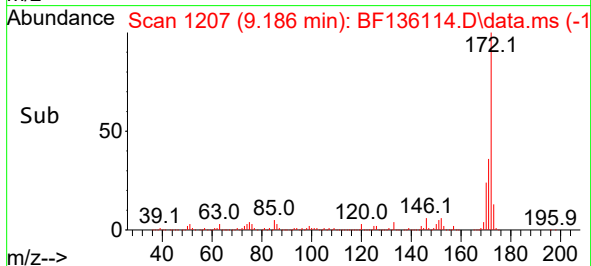
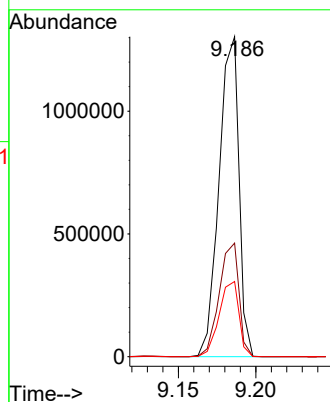
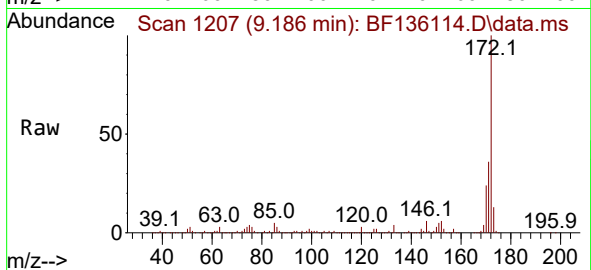
Tgt Ion:172 Resp: 1163186

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

170 23.5 19.3 28.9



#46

1,1'-Biphenyl

Concen: 41.278 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

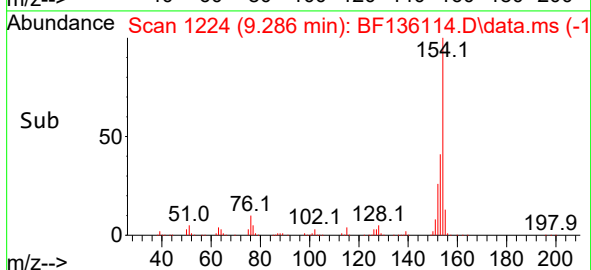
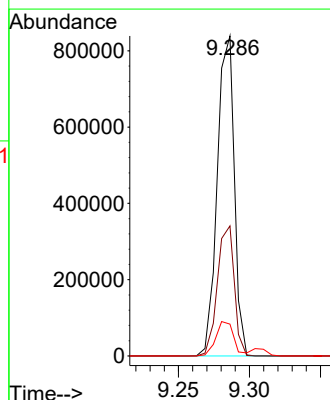
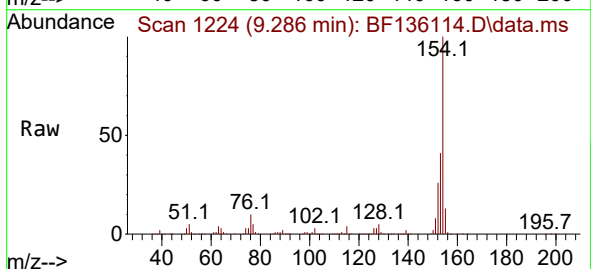
Tgt Ion:154 Resp: 699262

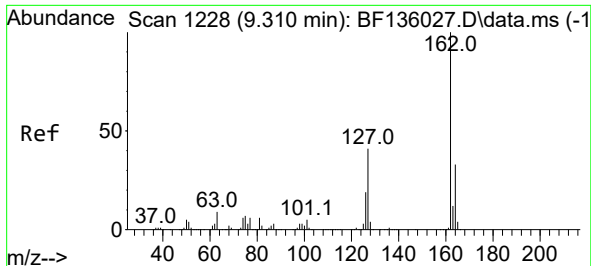
Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

76 10.0 0.0 32.5

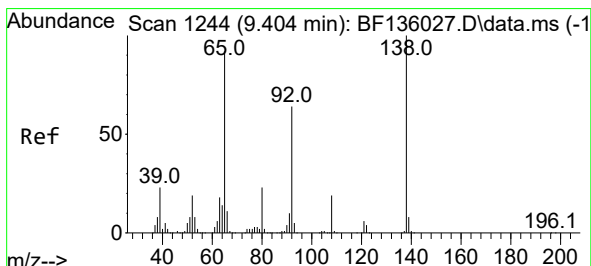
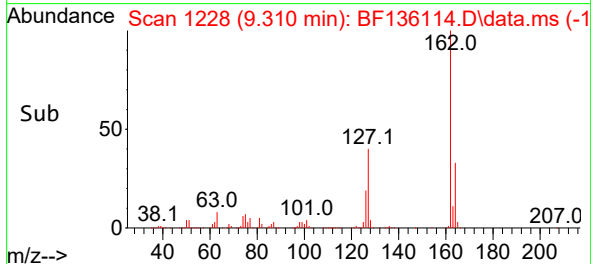
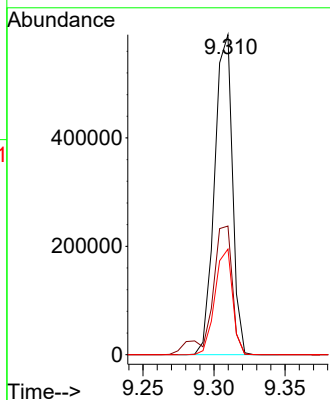
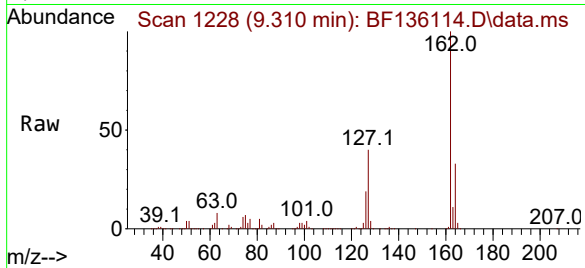




#47
2-Chloronaphthalene
Concen: 41.336 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

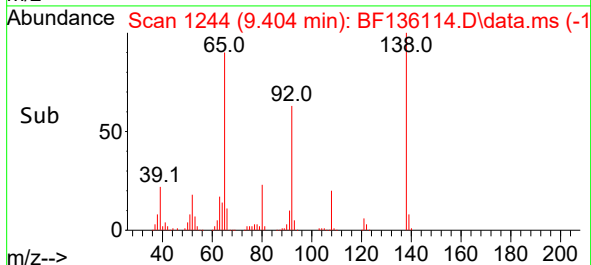
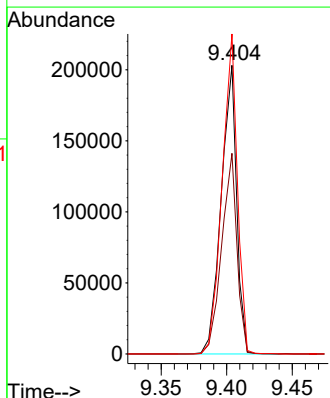
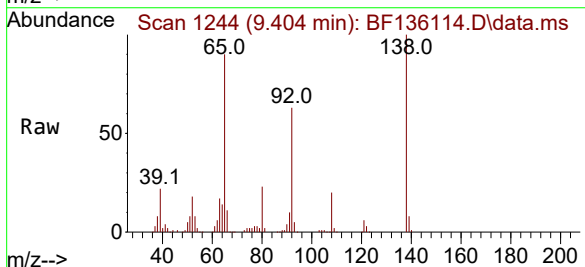
Instrument : BNA_F
ClientSampleId : SSTDCCC040

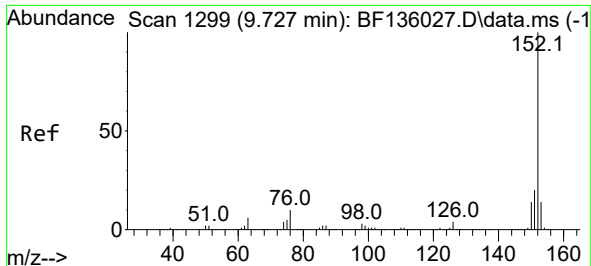
Tgt Ion:162 Resp: 516217
Ion Ratio Lower Upper
162 100
127 40.2 32.4 48.6
164 33.0 26.7 40.1



#48
2-Nitroaniline
Concen: 44.892 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion: 65 Resp: 165918
Ion Ratio Lower Upper
65 100
92 69.5 55.7 83.5
138 110.8 86.8 130.2

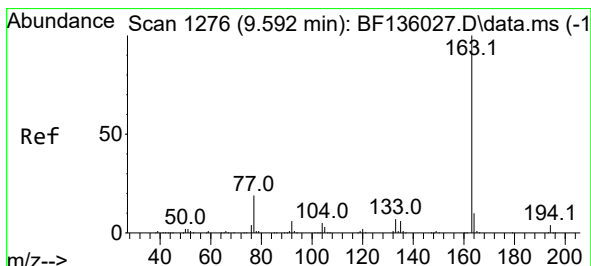
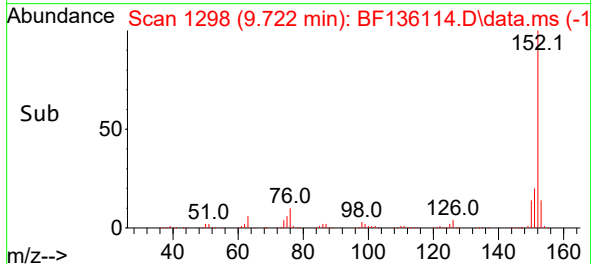
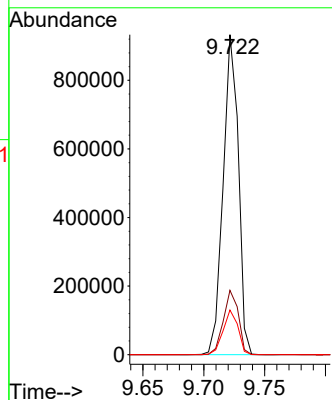
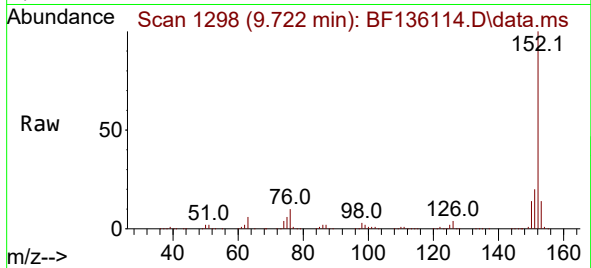




#49
Acenaphthylene
Concen: 41.671 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

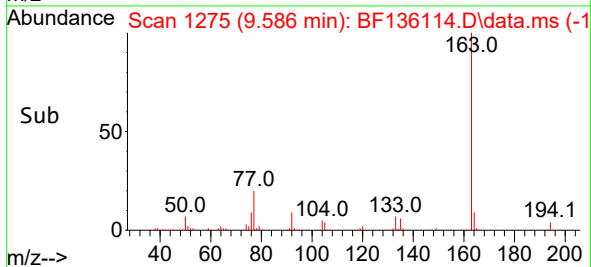
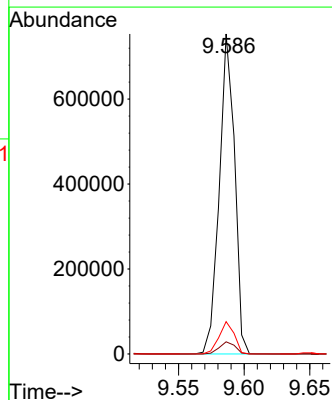
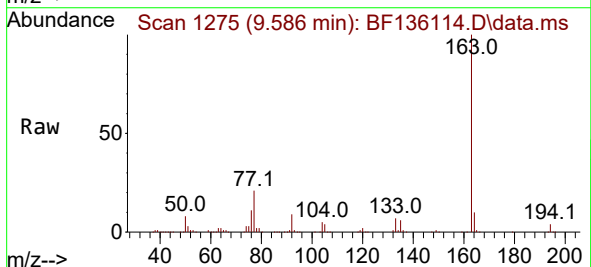
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

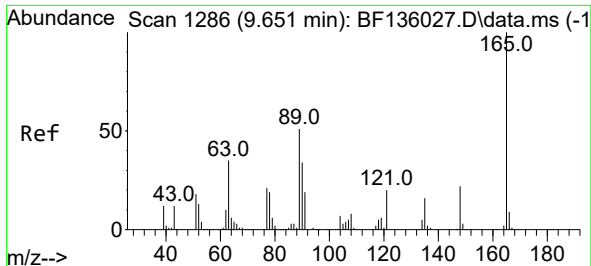
Tgt Ion:152 Resp: 811847
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 14.0 11.4 17.2



#50
Dimethylphthalate
Concen: 41.602 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:163 Resp: 609804
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.144 ng

RT: 9.651 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

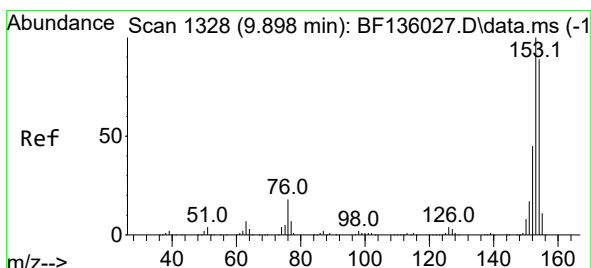
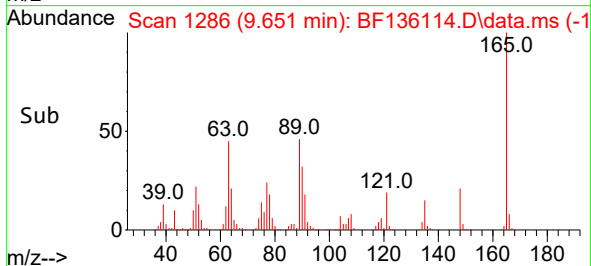
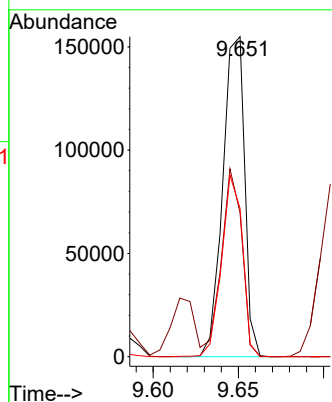
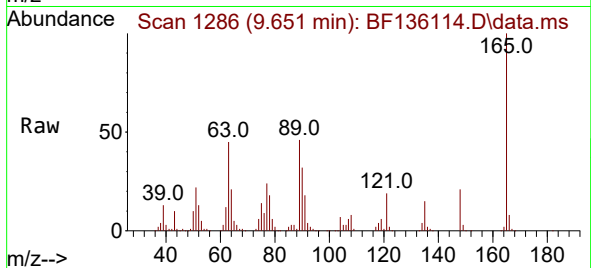
Tgt Ion:165 Resp: 138396

Ion Ratio Lower Upper

165 100

63 44.9 40.8 61.2

89 46.3 41.1 61.7



#52

Acenaphthene

Concen: 43.626 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

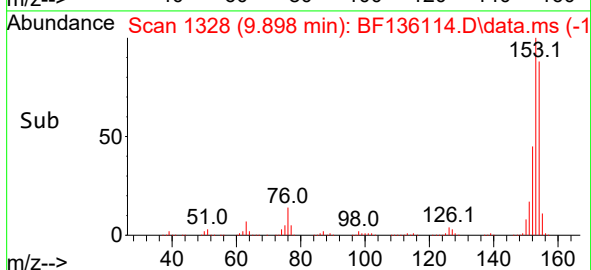
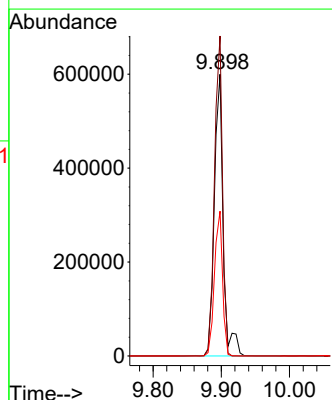
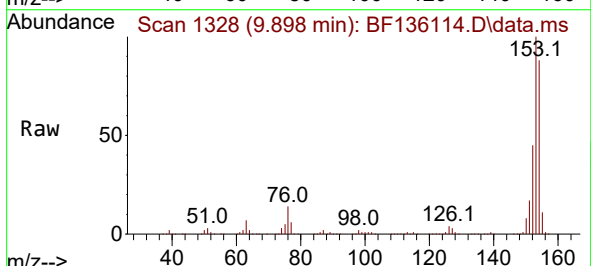
Tgt Ion:154 Resp: 540314

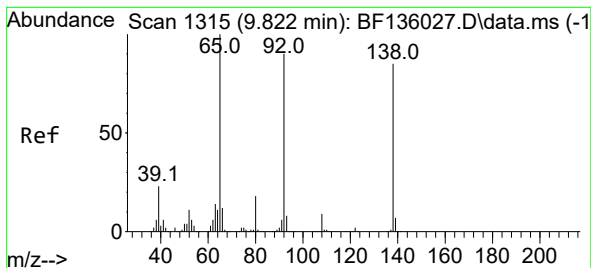
Ion Ratio Lower Upper

154 100

153 113.5 89.9 134.9

152 51.4 40.2 60.2

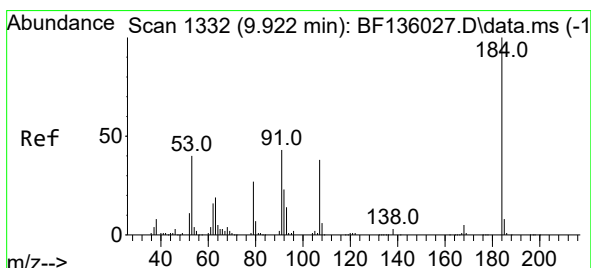
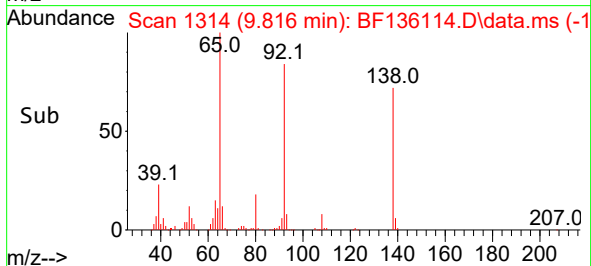
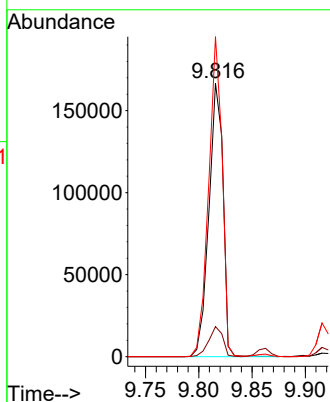
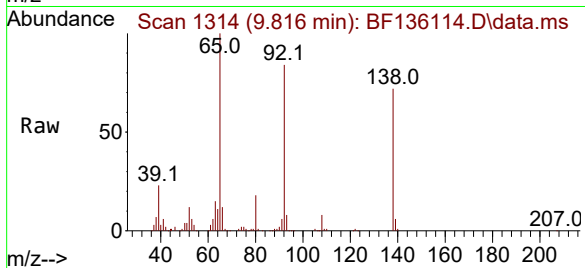




#53
3-Nitroaniline
Concen: 41.925 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

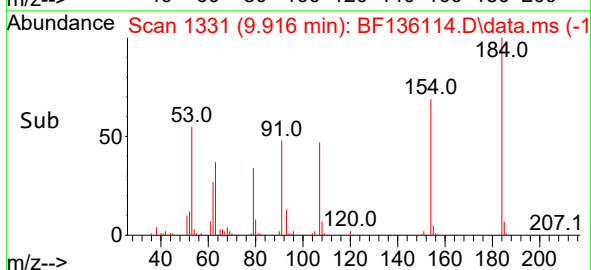
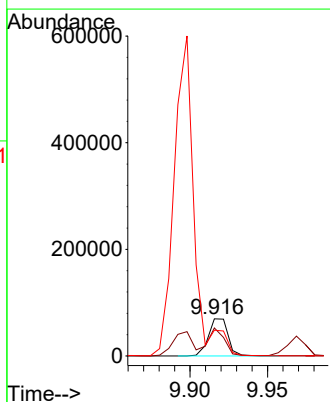
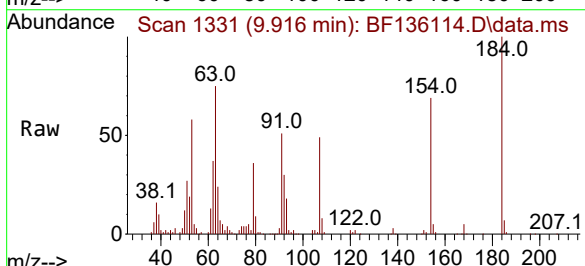
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

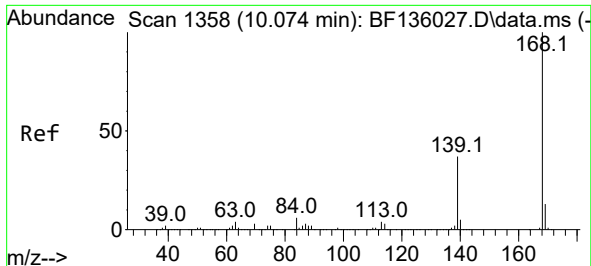
Tgt Ion:138 Resp: 153366
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 117.0 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 40.516 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:184 Resp: 61411
Ion Ratio Lower Upper
184 100
63 75.3 43.7 65.5#
154 69.4 51.2 76.8

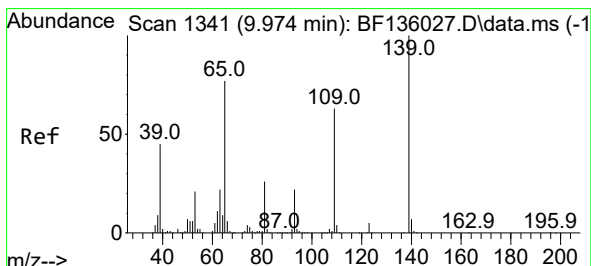
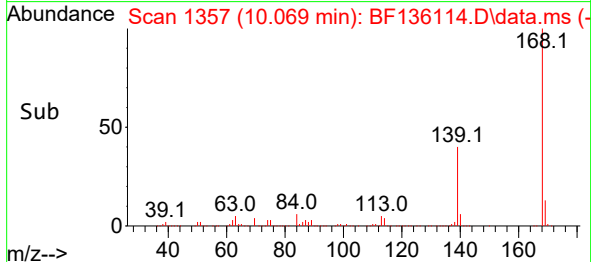
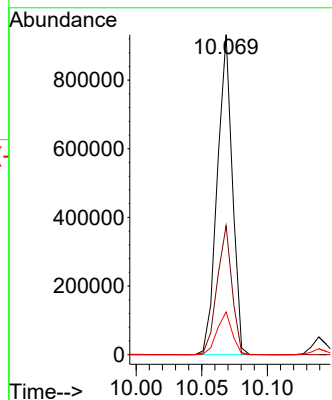
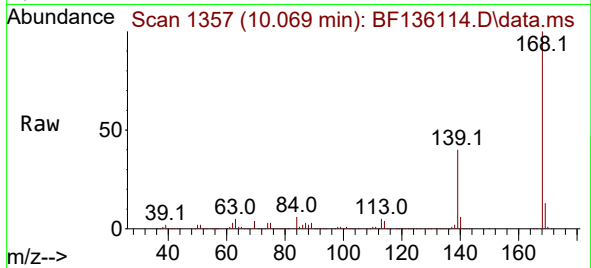




#55
Dibenzofuran
Concen: 41.038 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

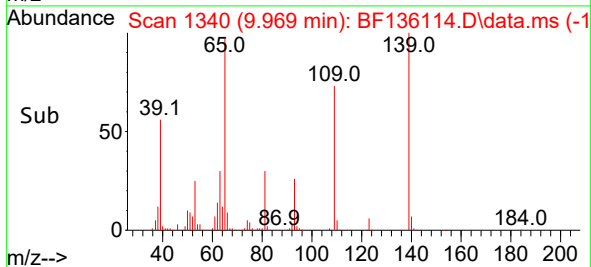
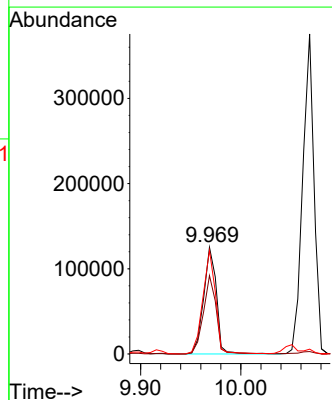
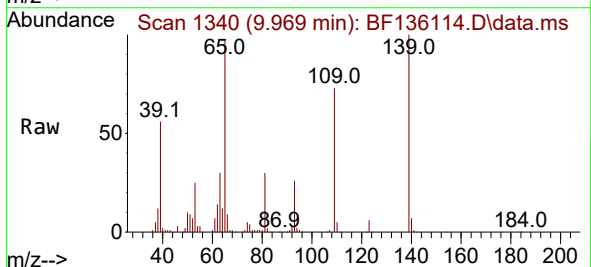
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

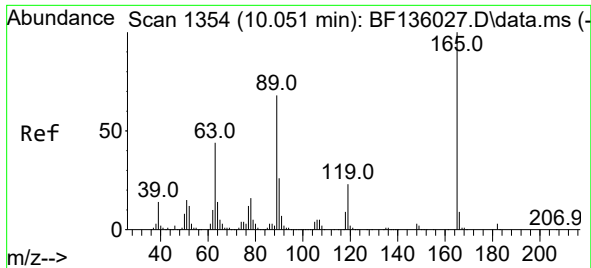
Tgt Ion:168 Resp: 741115
Ion Ratio Lower Upper
168 100
139 40.3 29.4 44.0
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 40.824 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:139 Resp: 111707
Ion Ratio Lower Upper
139 100
109 73.5 43.2 83.2
65 97.3 57.6 97.6

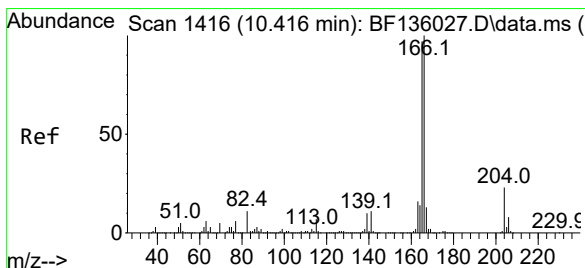
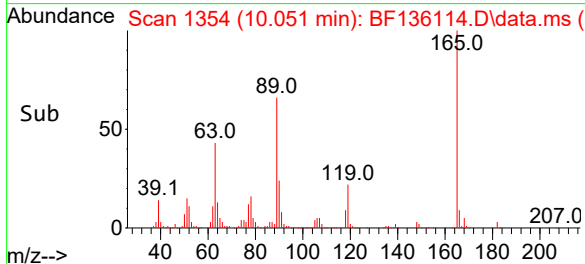
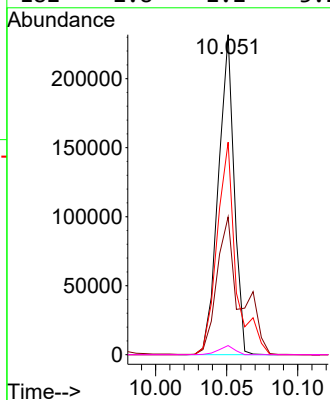
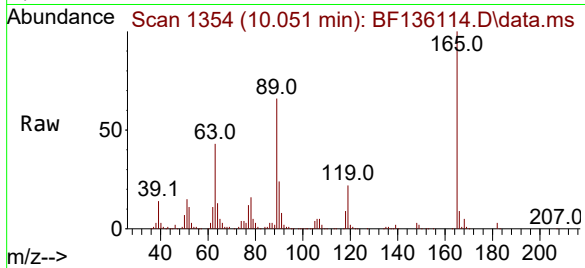




#57
2,4-Dinitrotoluene
Concen: 45.261 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

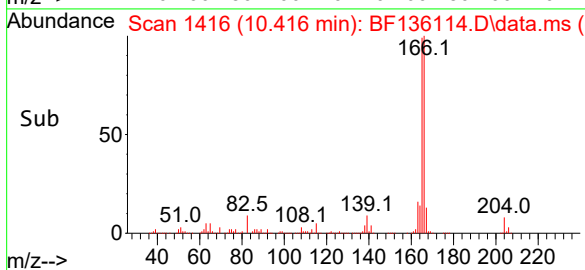
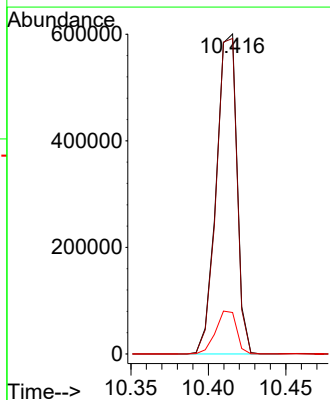
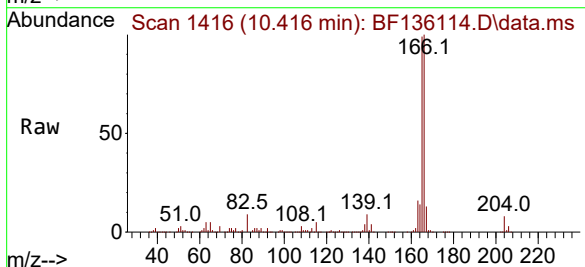
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

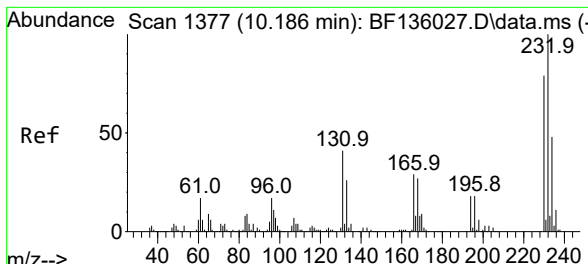
Tgt Ion:165 Resp: 179531
Ion Ratio Lower Upper
165 100
63 43.1 35.2 52.8
89 66.4 54.8 82.2
182 2.8 2.2 3.2



#58
Fluorene
Concen: 41.164 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:166 Resp: 556591
Ion Ratio Lower Upper
166 100
165 98.6 77.7 116.5
167 12.9 10.6 16.0



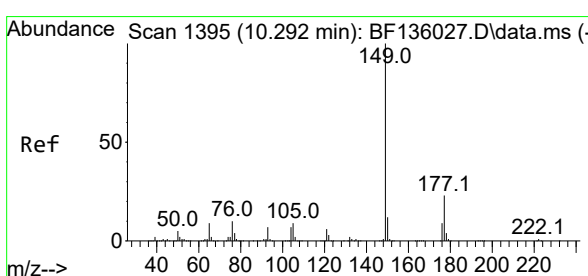
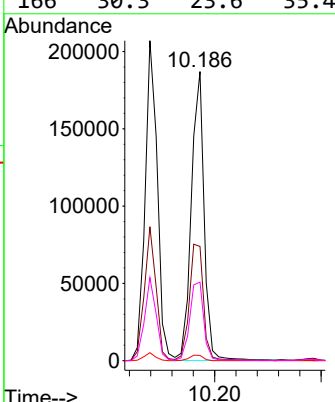
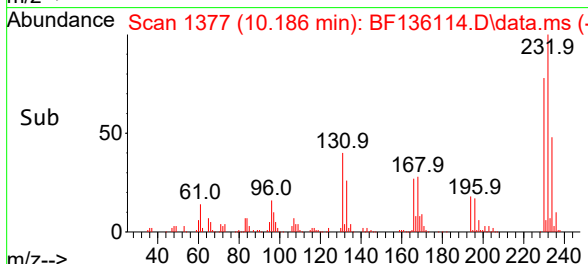
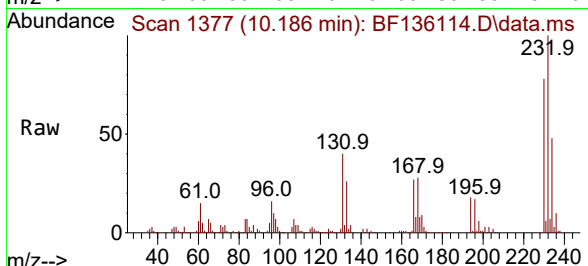


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.831 ng
 RT: 10.186 min Scan# 1377
 Delta R.T. 0.000 min
 Lab File: BF136114.D
 Acq: 03 Nov 2023 09:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:232 Resp: 155384

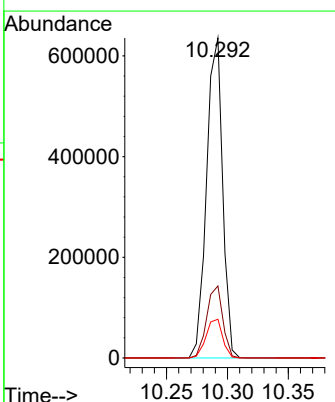
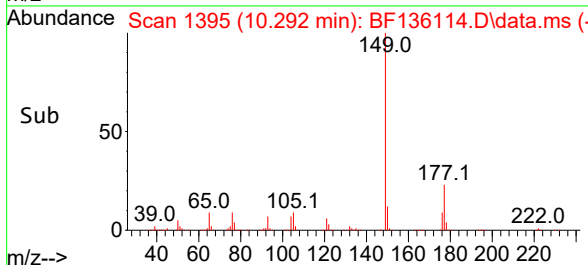
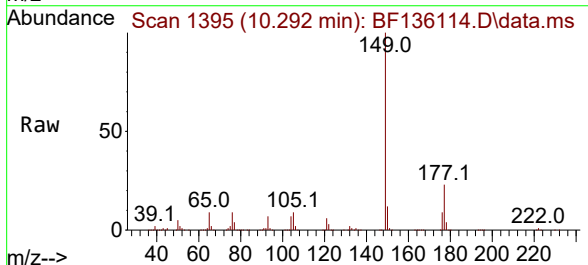
Ion	Ratio	Lower	Upper
232	100		
131	45.2	34.6	52.0
130	2.1	1.6	2.4
166	30.3	23.6	35.4

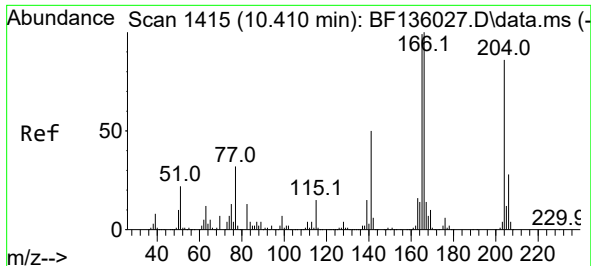


#60
 Diethylphthalate
 Concen: 41.653 ng
 RT: 10.292 min Scan# 1395
 Delta R.T. 0.000 min
 Lab File: BF136114.D
 Acq: 03 Nov 2023 09:59

Tgt Ion:149 Resp: 583370

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.2	27.4
150	12.1	9.9	14.9

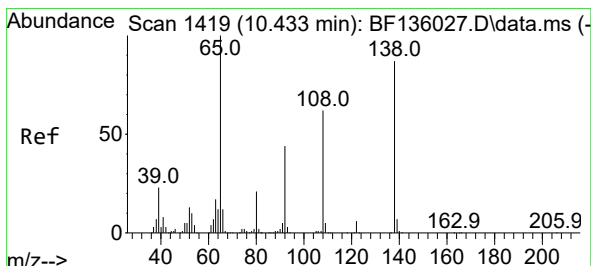
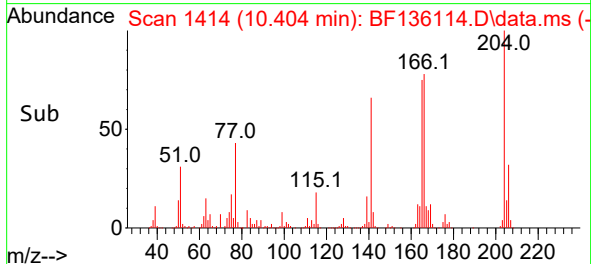
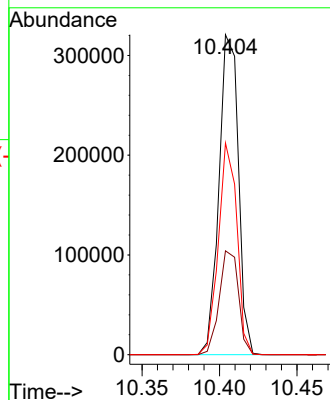
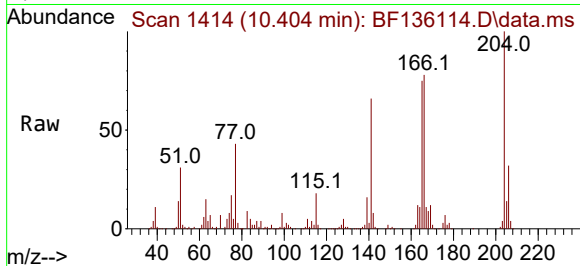




#61
4-Chlorophenyl-phenylether
Concen: 41.429 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

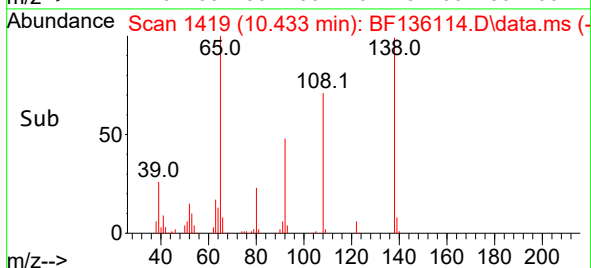
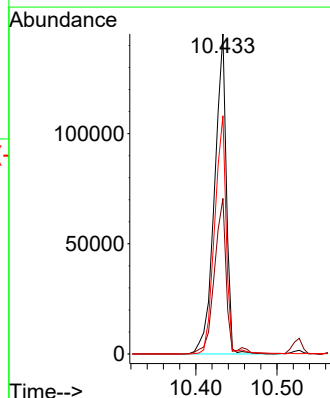
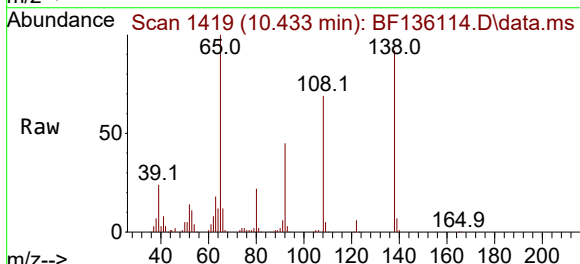
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

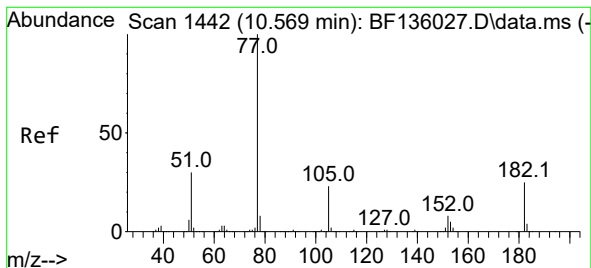
Tgt Ion:204 Resp: 279626
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 66.1 46.8 70.2



#62
4-Nitroaniline
Concen: 41.742 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:138 Resp: 147035
Ion Ratio Lower Upper
138 100
92 48.6 30.6 70.6
108 74.5 51.5 91.5





#63

Azobenzene

Concen: 41.028 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 553387

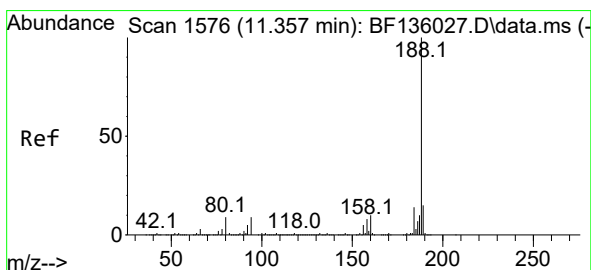
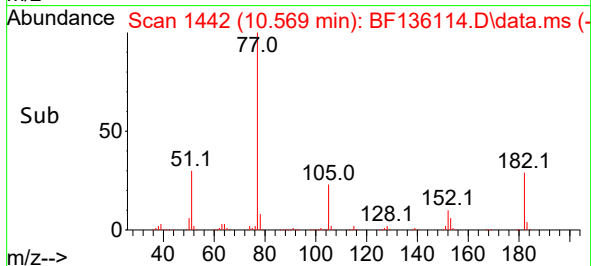
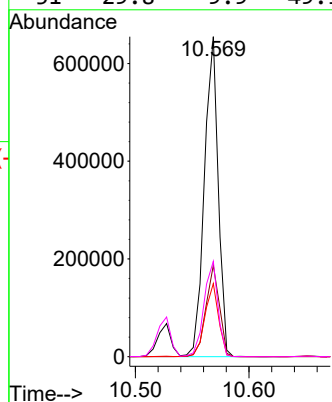
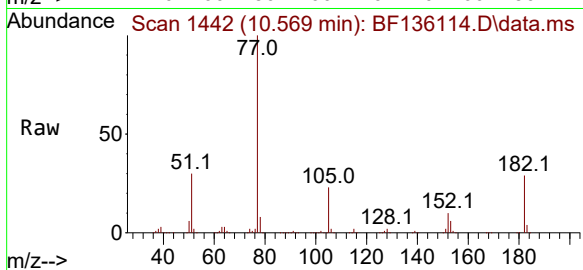
Ion Ratio Lower Upper

77 100

182 28.6 5.0 45.0

105 22.9 2.6 42.6

51 29.8 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

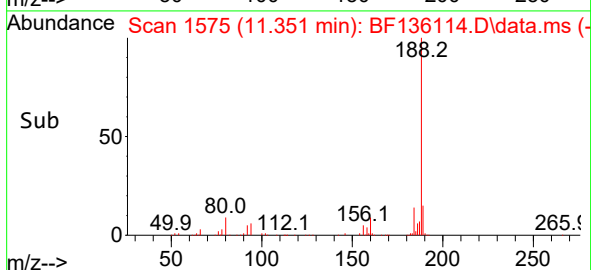
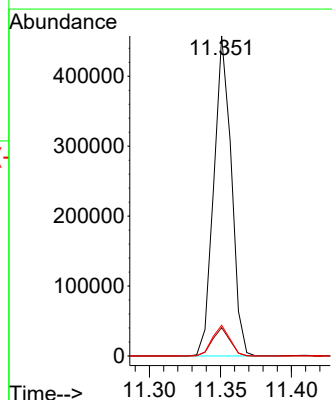
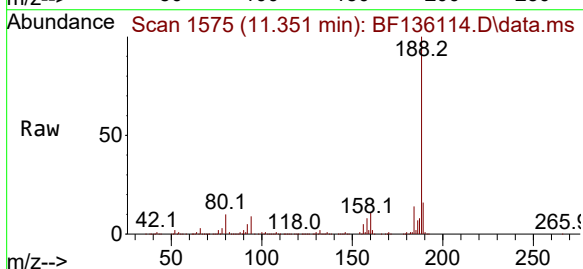
Tgt Ion:188 Resp: 392433

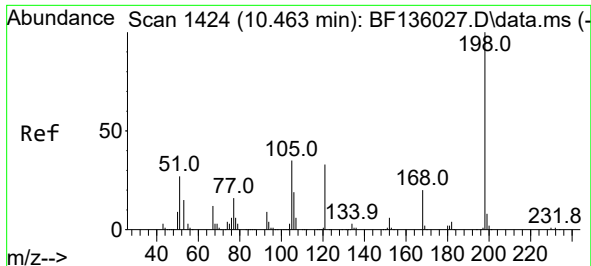
Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 9.6 7.4 11.0

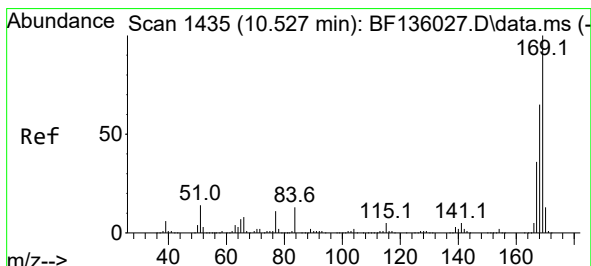
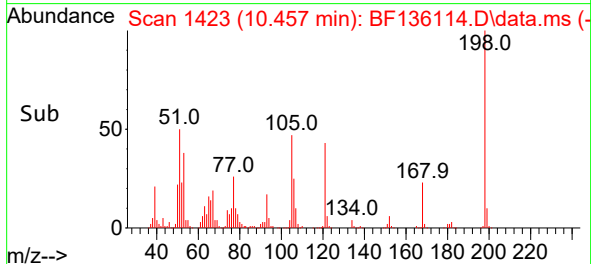
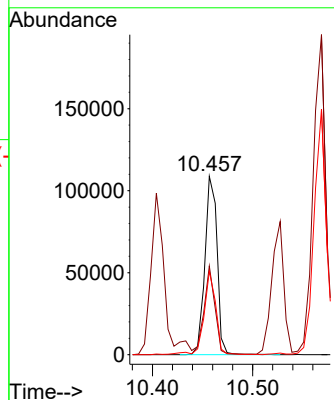
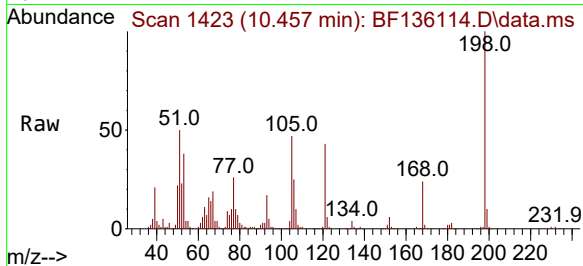




#65
4,6-Dinitro-2-methylphenol
Concen: 43.369 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

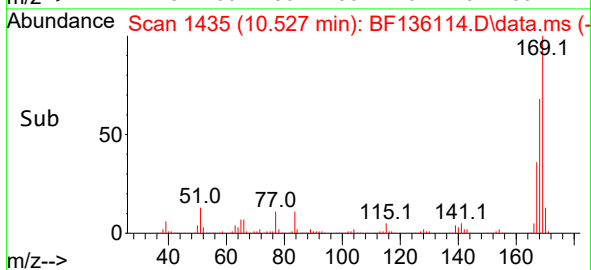
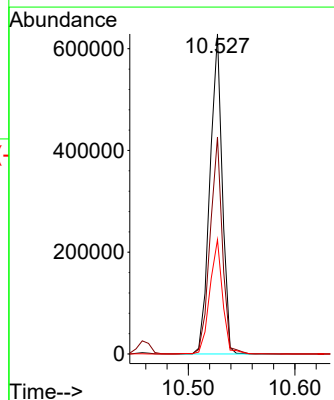
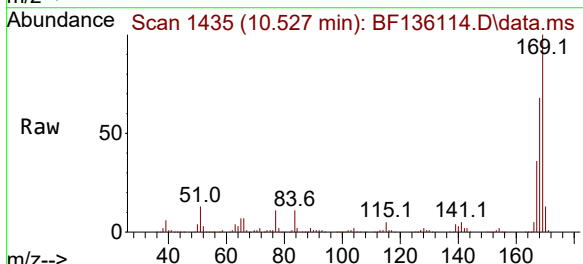
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

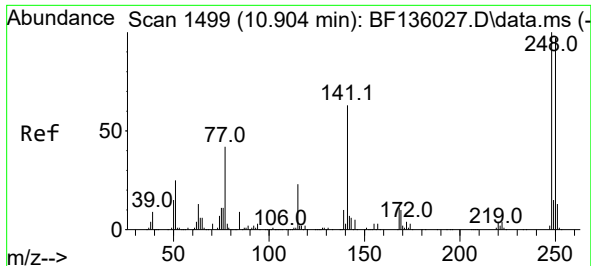
Tgt Ion:198 Resp: 92146
Ion Ratio Lower Upper
198 100
51 49.7 12.9 52.9
105 46.9 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 42.704 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:169 Resp: 505545
Ion Ratio Lower Upper
169 100
168 67.8 52.2 78.2
167 35.7 28.7 43.1

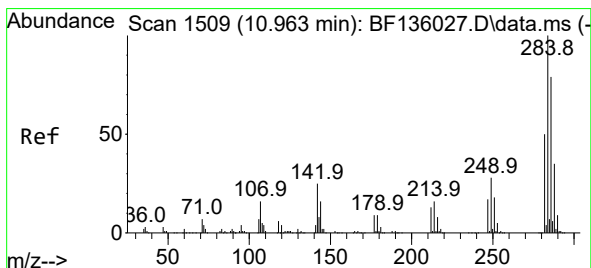
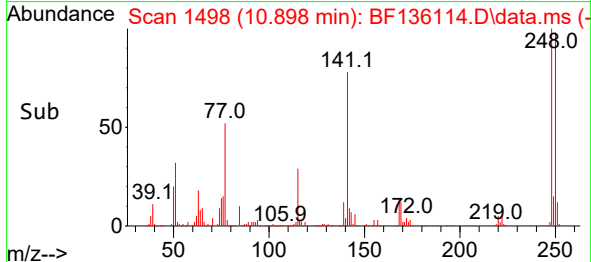
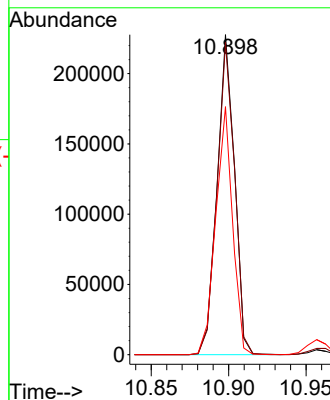
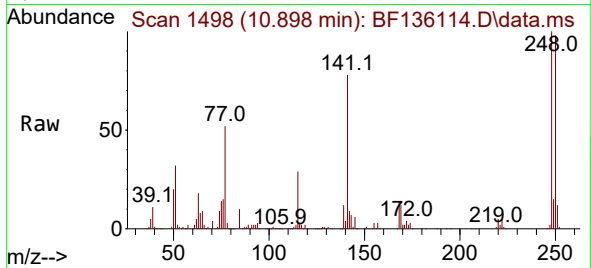




#67
4-Bromophenyl-phenylether
Concen: 43.260 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

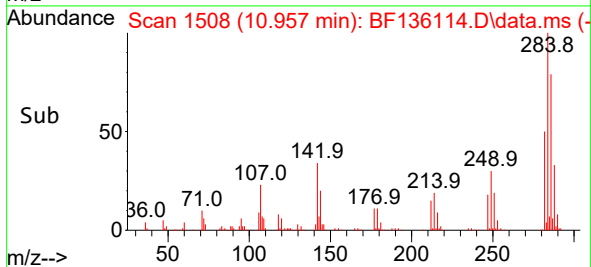
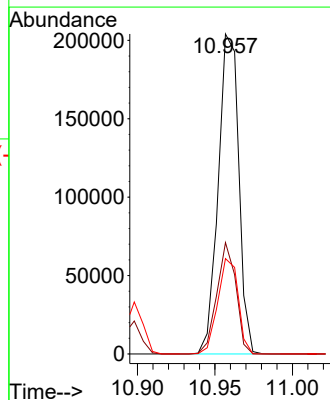
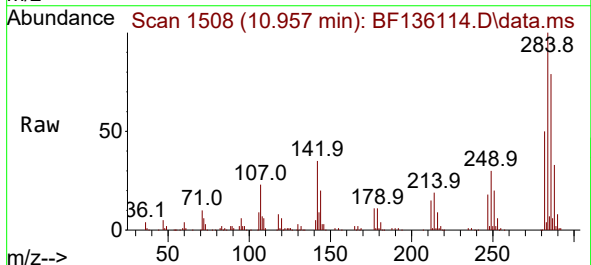
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

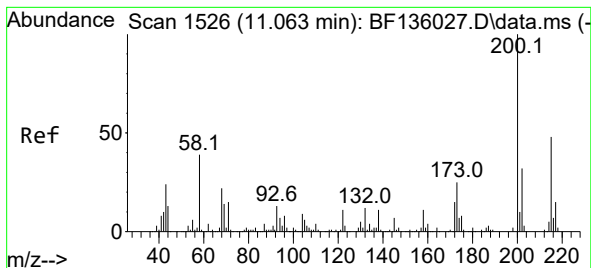
Tgt Ion:248 Resp: 177987
Ion Ratio Lower Upper
248 100
250 97.6 77.6 116.4
141 77.5 50.4 75.6#



#68
Hexachlorobenzene
Concen: 42.772 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:284 Resp: 187950
Ion Ratio Lower Upper
284 100
142 34.8 20.2 30.4#
249 29.8 22.6 33.8





#69

Atrazine

Concen: 39.752 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

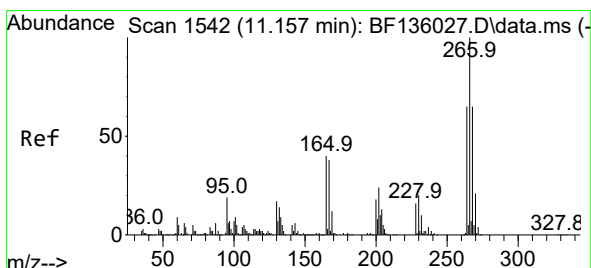
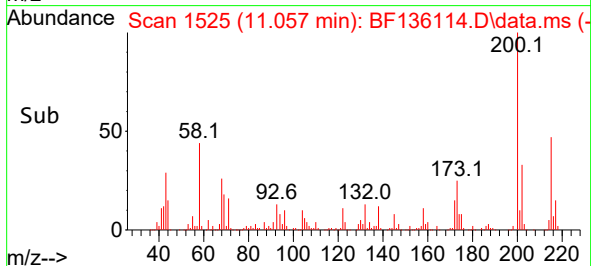
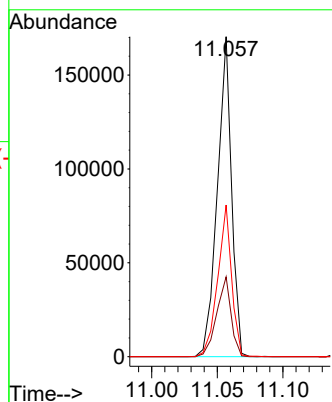
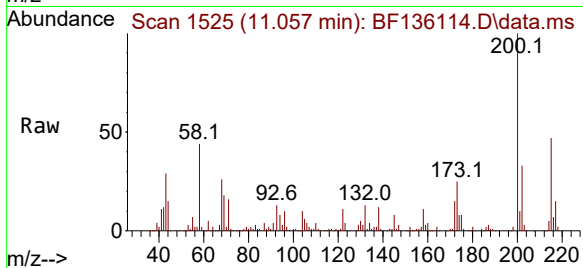
Tgt Ion:200 Resp: 128040

Ion Ratio Lower Upper

200 100

173 24.9 5.2 45.2

215 47.4 28.4 68.4



#70

Pentachlorophenol

Concen: 43.493 ng

RT: 11.151 min Scan# 1541

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

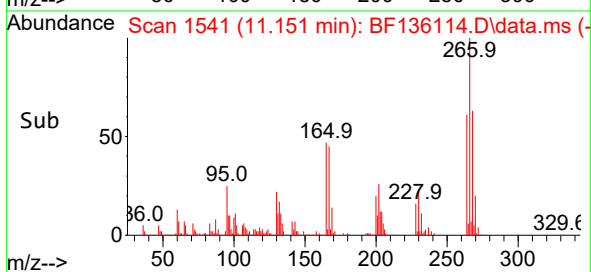
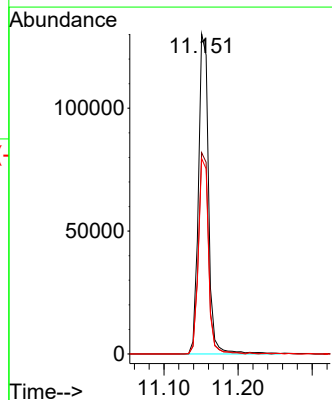
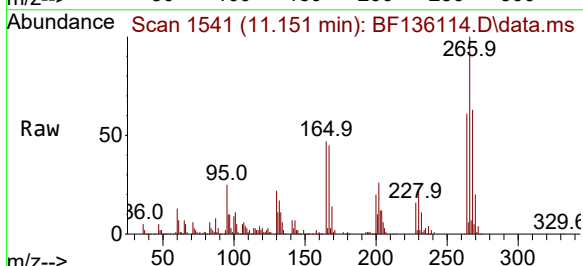
Tgt Ion:266 Resp: 122741

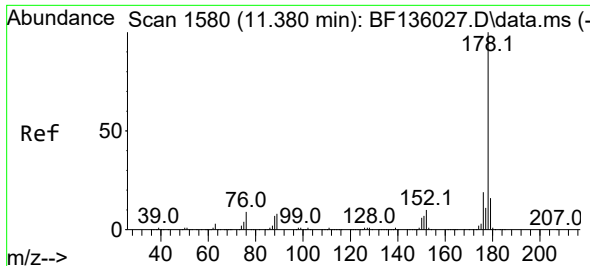
Ion Ratio Lower Upper

266 100

268 62.9 52.2 78.4

264 61.0 52.2 78.4

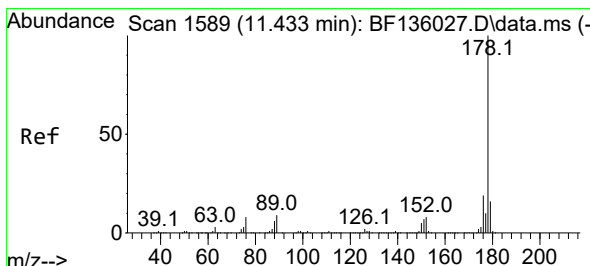
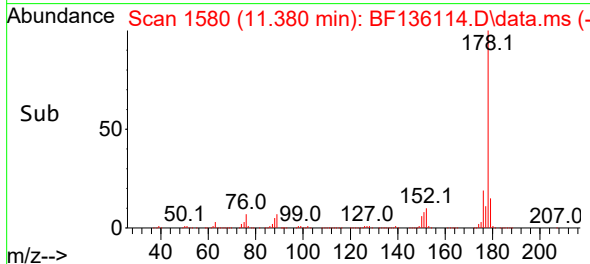
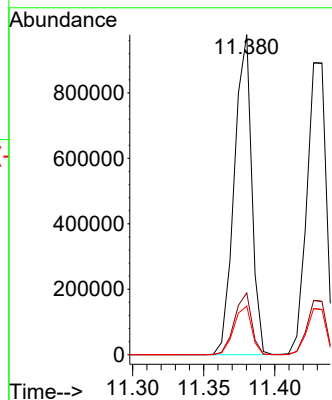
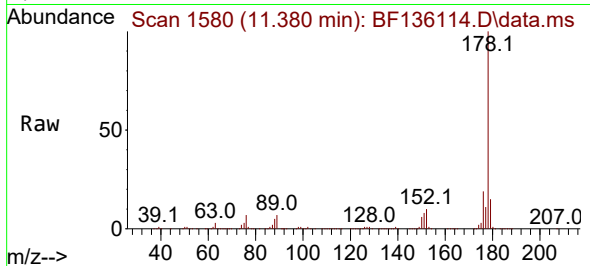




#71
Phenanthrene
Concen: 42.192 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

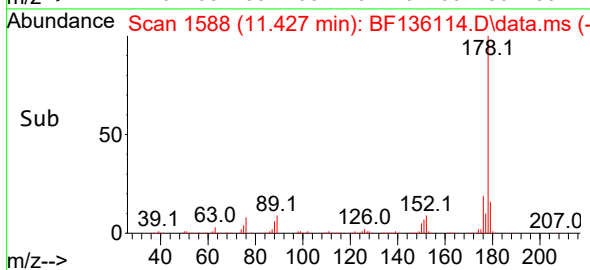
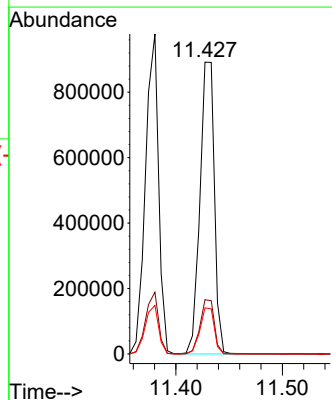
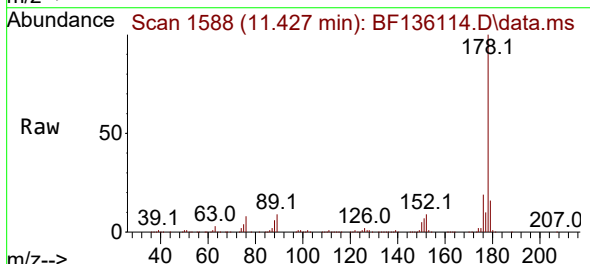
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

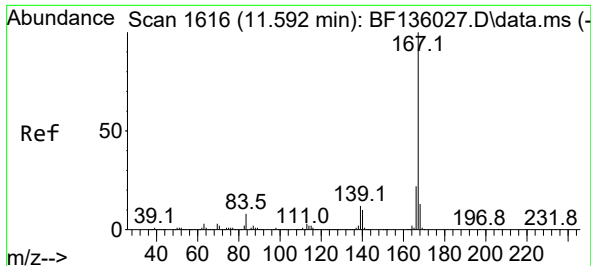
Tgt Ion:178 Resp: 833674
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.2 12.9 19.3



#72
Anthracene
Concen: 41.647 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:178 Resp: 843225
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.8 12.6 18.8

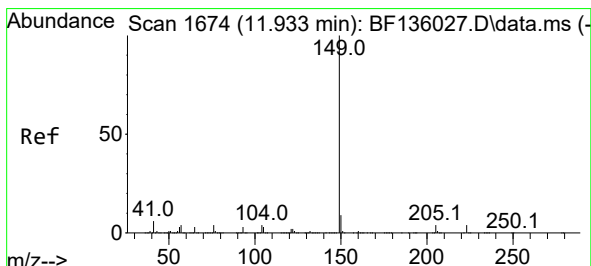
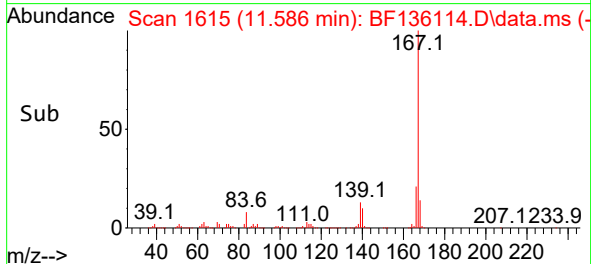
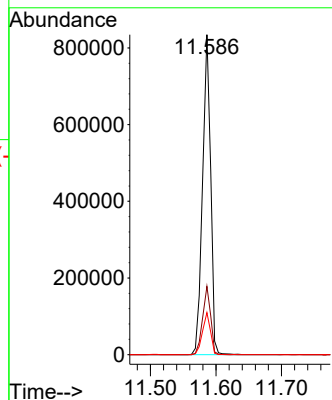
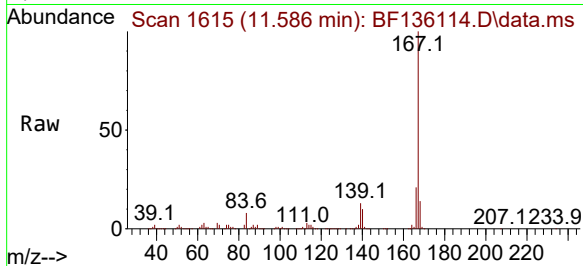




#73
 Carbazole
 Concen: 40.869 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF136114.D
 Acq: 03 Nov 2023 09:59

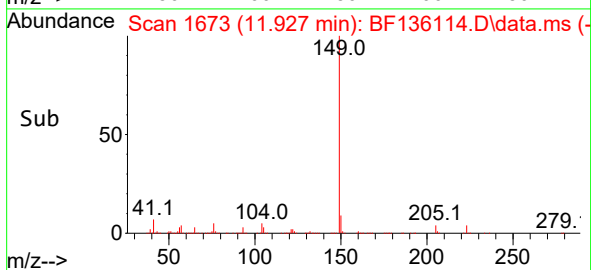
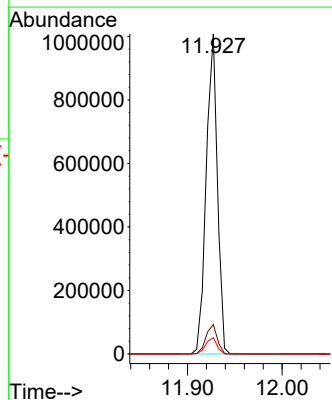
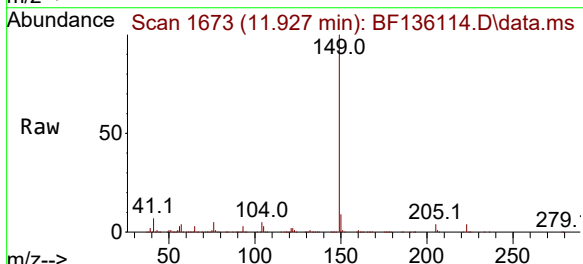
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

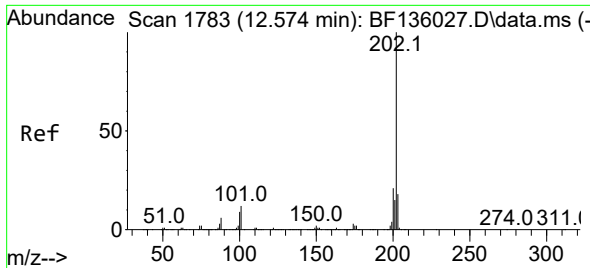
Tgt Ion:167 Resp: 719064
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.2 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 41.087 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF136114.D
 Acq: 03 Nov 2023 09:59

Tgt Ion:149 Resp: 826036
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.1 3.6 5.4

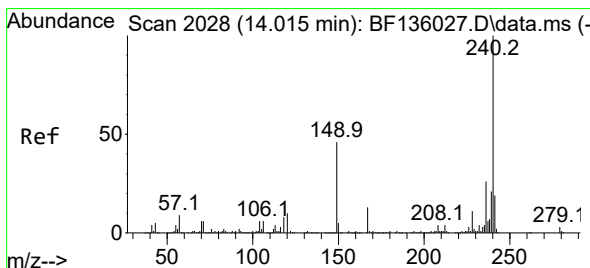
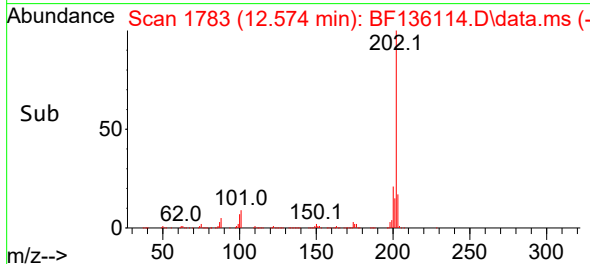
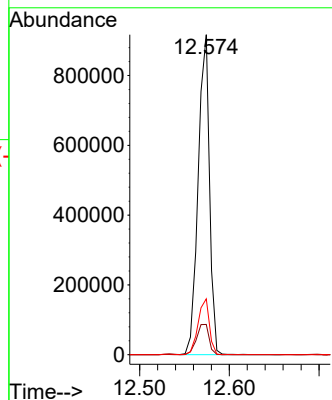
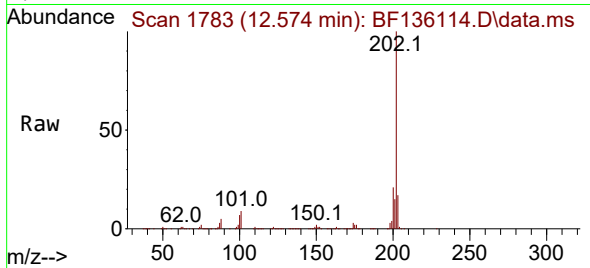




#75
Fluoranthene
Concen: 39.567 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

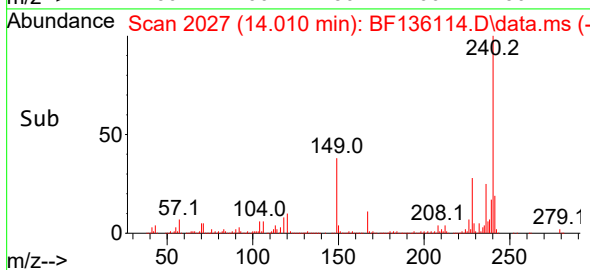
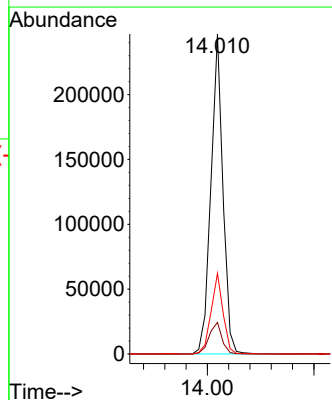
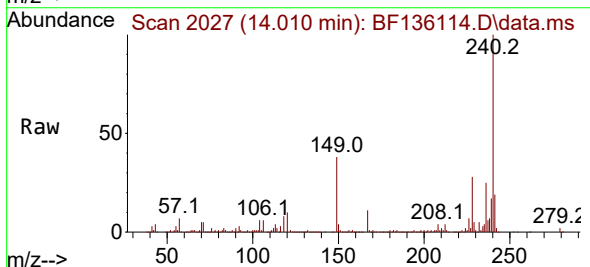
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

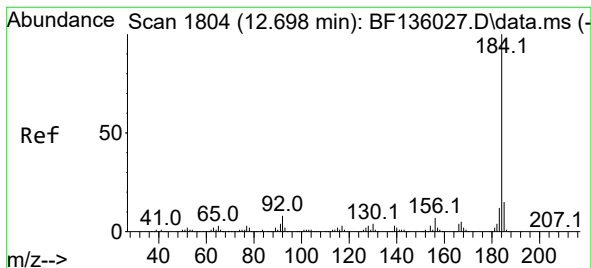
Tgt Ion:202 Resp: 803168
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.8
203 17.5 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:240 Resp: 193323
Ion Ratio Lower Upper
240 100
120 9.8 7.6 11.4
236 25.2 20.6 31.0





#77

Benzidine

Concen: 48.655 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

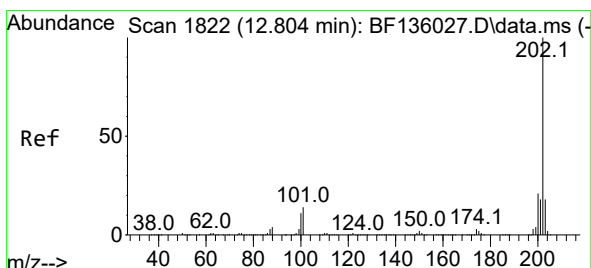
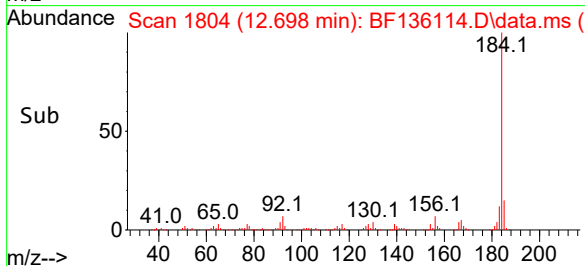
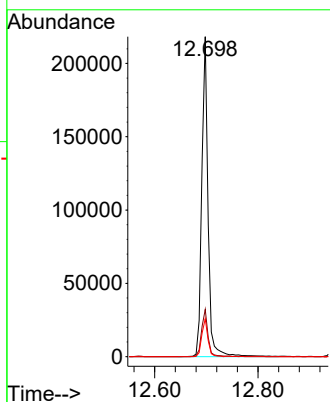
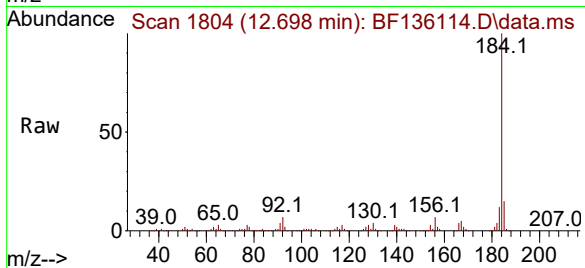
Tgt Ion:184 Resp: 183332

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.8

183 11.8 9.5 14.3



#78

Pyrene

Concen: 46.579 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

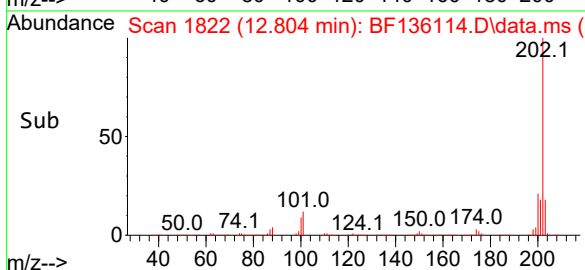
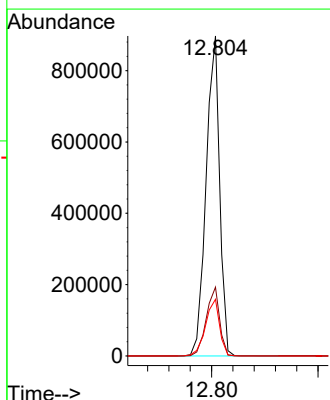
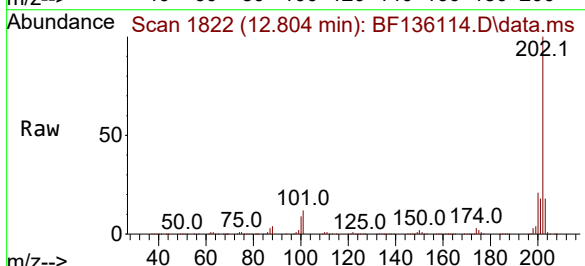
Tgt Ion:202 Resp: 793906

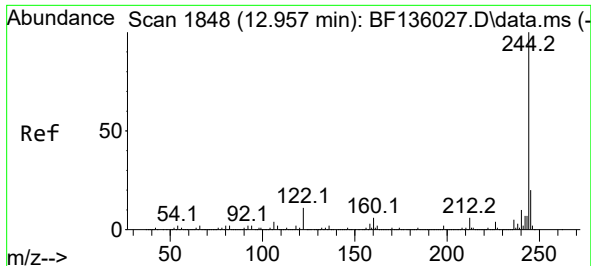
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.7 14.4 21.6

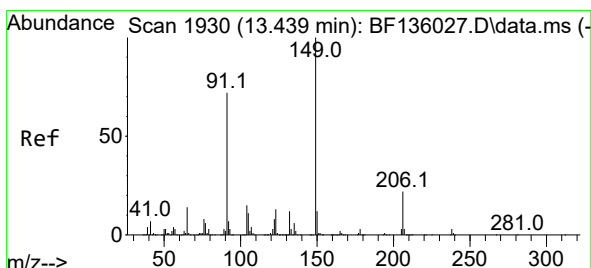
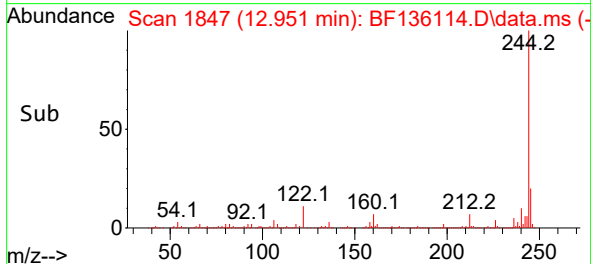
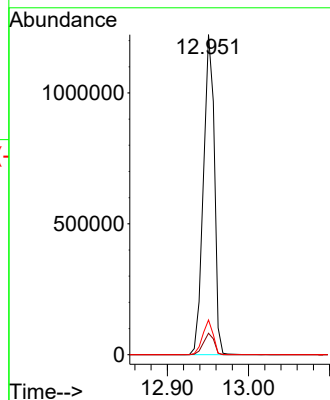
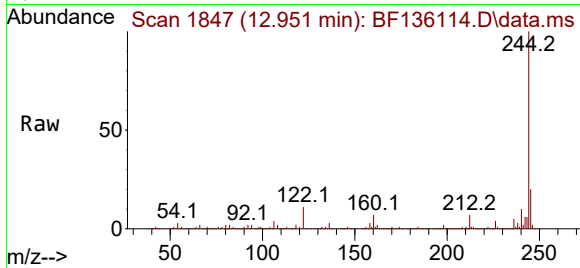




#79
 Terphenyl-d14
 Concen: 91.915 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136114.D
 Acq: 03 Nov 2023 09:59

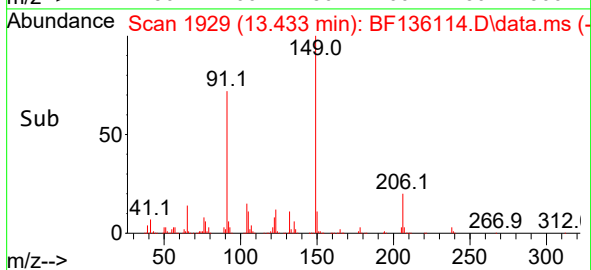
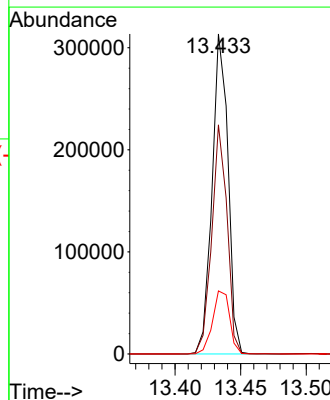
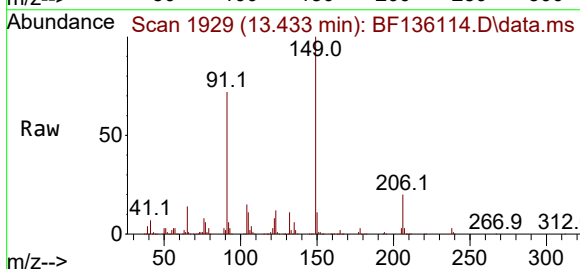
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

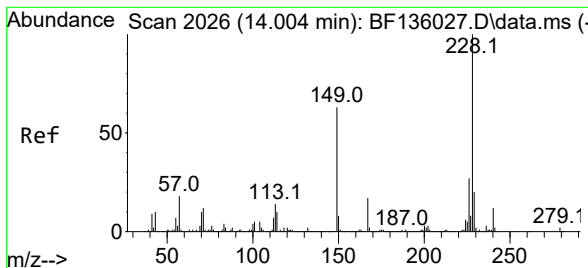
Tgt Ion:244 Resp: 1143435
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.9 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 43.303 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF136114.D
 Acq: 03 Nov 2023 09:59

Tgt Ion:149 Resp: 264195
 Ion Ratio Lower Upper
 149 100
 91 71.6 57.6 86.4
 206 19.7 17.4 26.0





#81

Benzo(a)anthracene

Concen: 41.392 ng

RT: 13.998 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

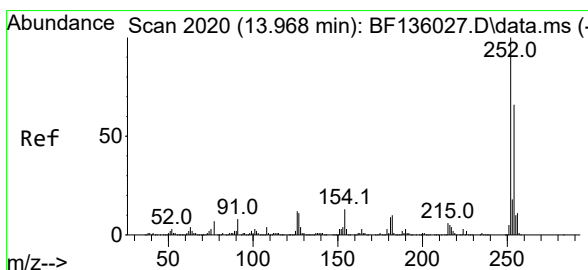
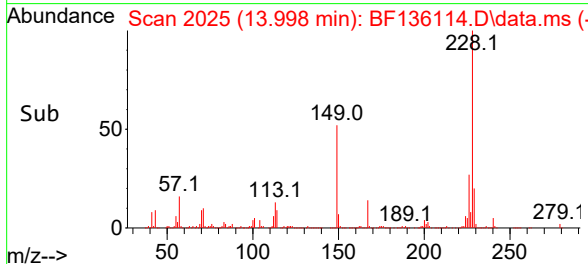
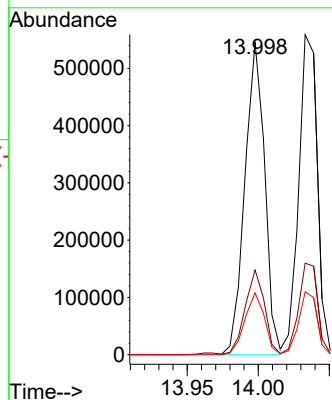
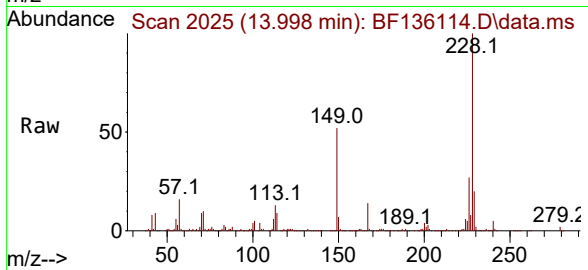
Tgt Ion:228 Resp: 529763

Ion Ratio Lower Upper

228 100

226 27.1 21.5 32.3

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 41.435 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

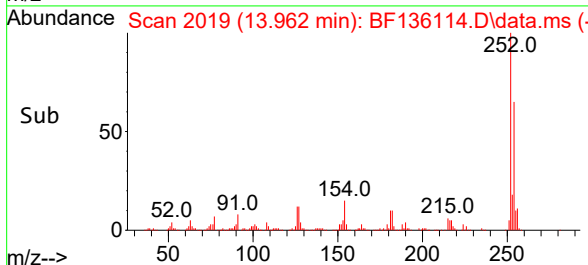
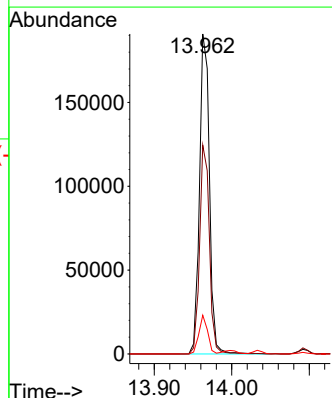
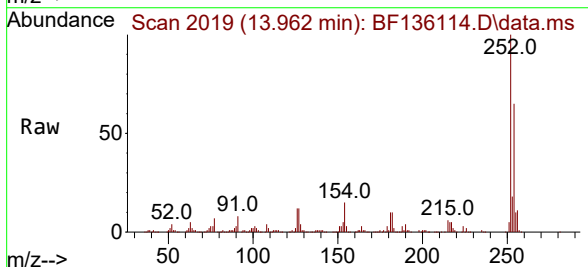
Tgt Ion:252 Resp: 169260

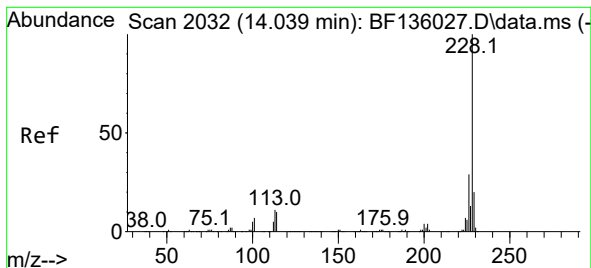
Ion Ratio Lower Upper

252 100

254 65.2 52.5 78.7

126 12.1 9.4 14.2





#83

Chrysene

Concen: 40.495 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

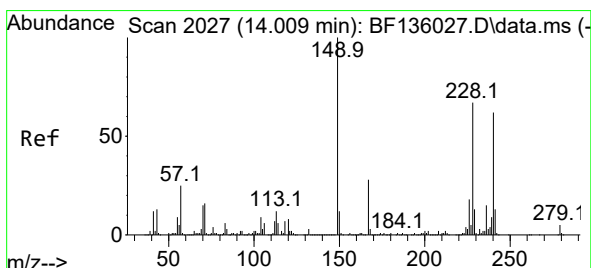
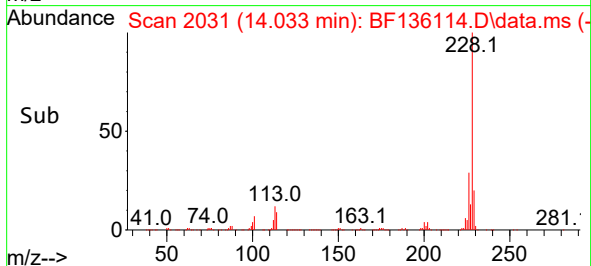
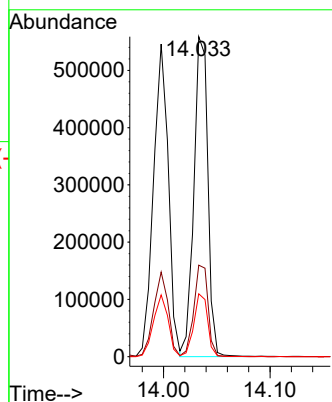
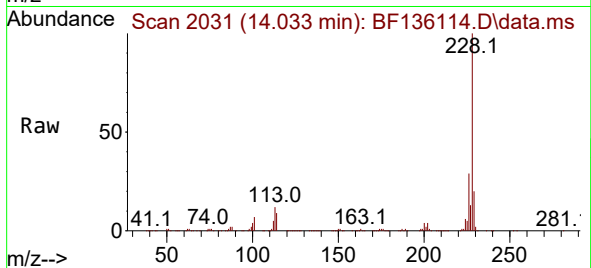
Tgt Ion:228 Resp: 510415

Ion Ratio Lower Upper

228 100

226 28.6 23.5 35.3

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.926 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

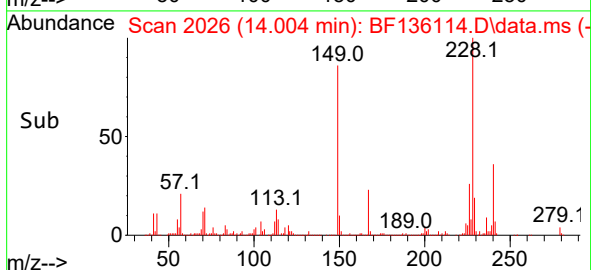
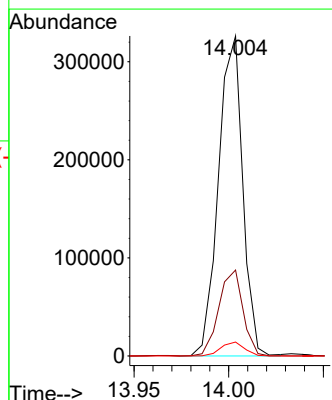
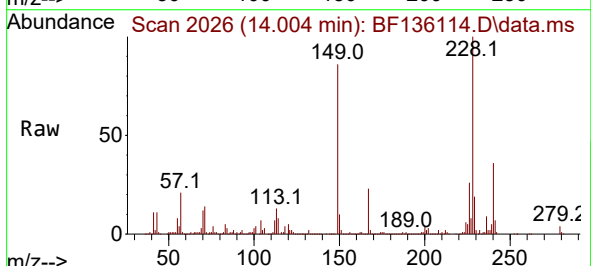
Tgt Ion:149 Resp: 290901

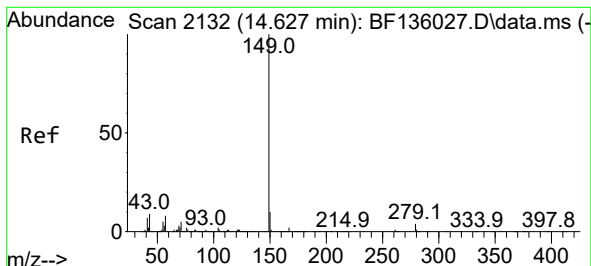
Ion Ratio Lower Upper

149 100

167 26.8 22.6 33.8

279 4.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 38.631 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

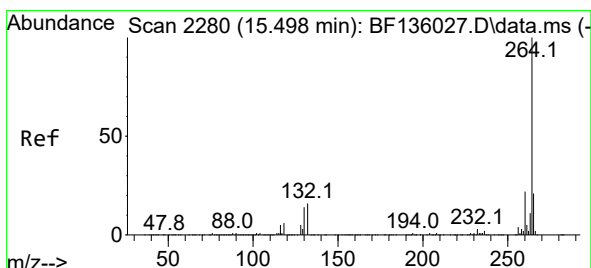
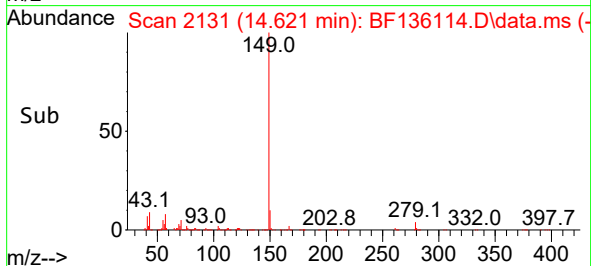
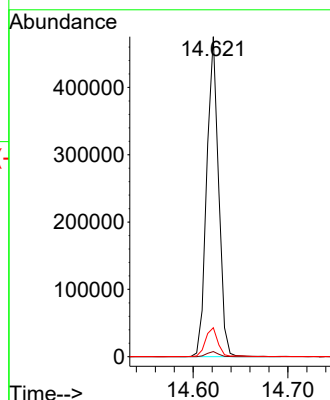
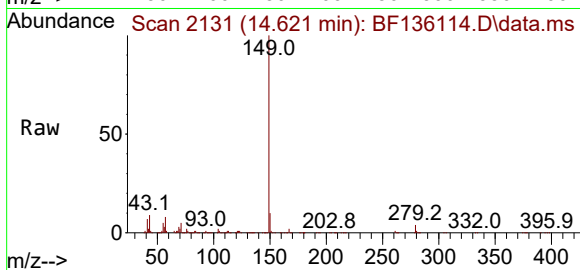
Tgt Ion:149 Resp: 411356

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

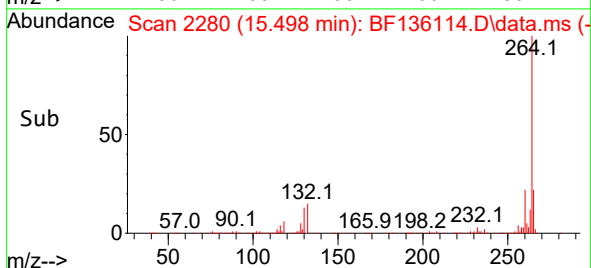
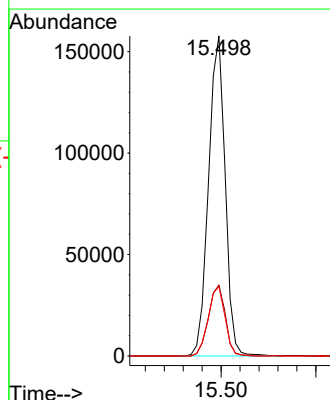
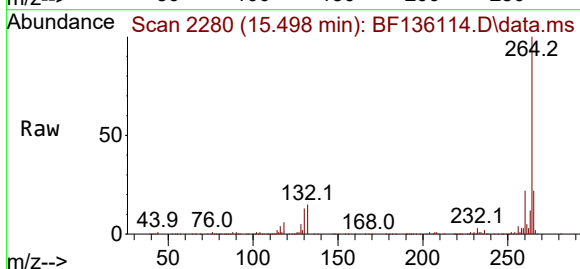
Tgt Ion:264 Resp: 191260

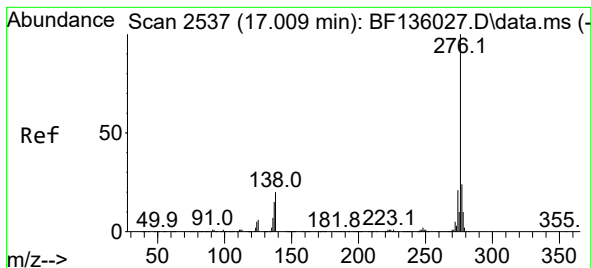
Ion Ratio Lower Upper

264 100

260 22.1 17.9 26.9

265 21.7 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.761 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

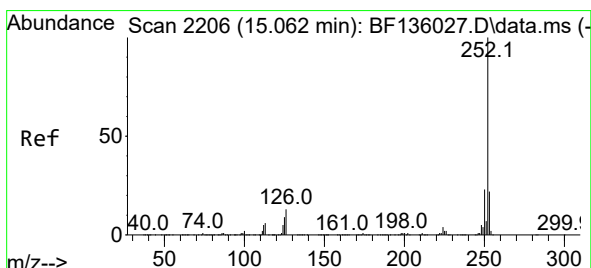
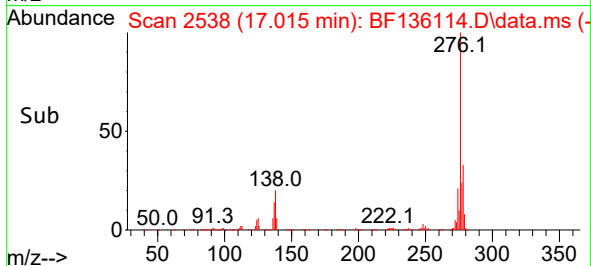
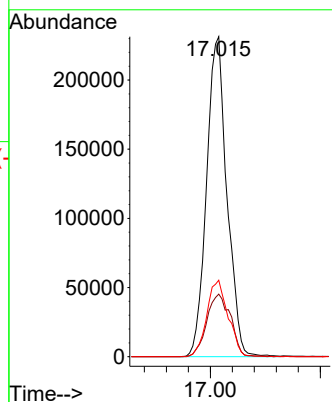
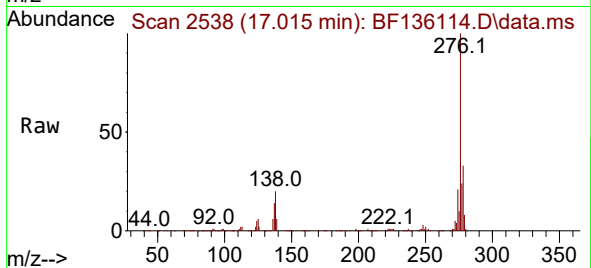
Tgt Ion:276 Resp: 597009

Ion Ratio Lower Upper

276 100

138 22.9 20.4 30.6

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.924 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF136114.D

Acq: 03 Nov 2023 09:59

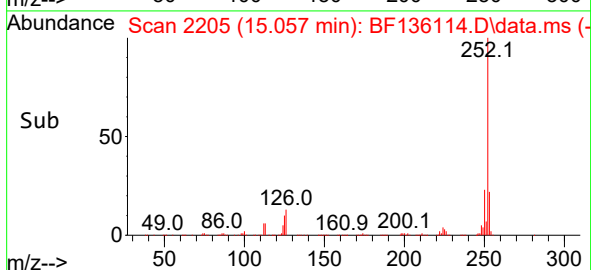
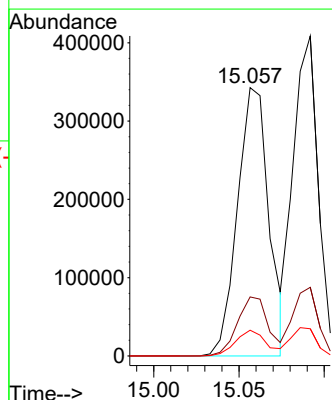
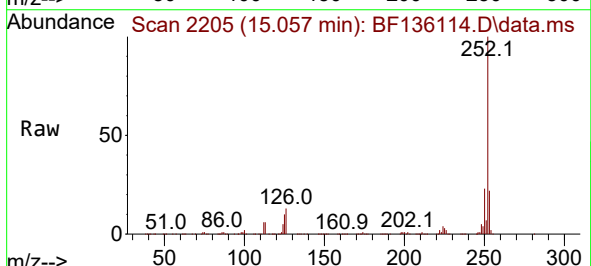
Tgt Ion:252 Resp: 440514

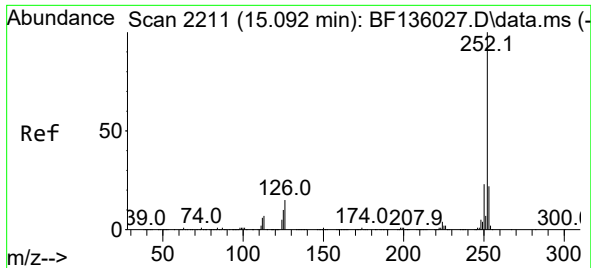
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.6 7.5 11.3

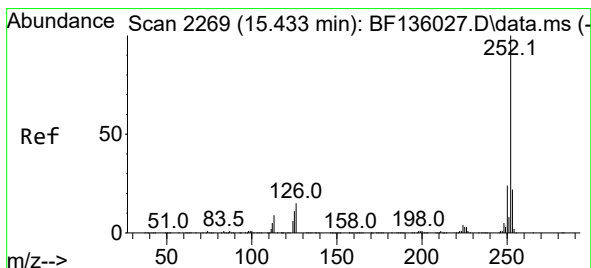
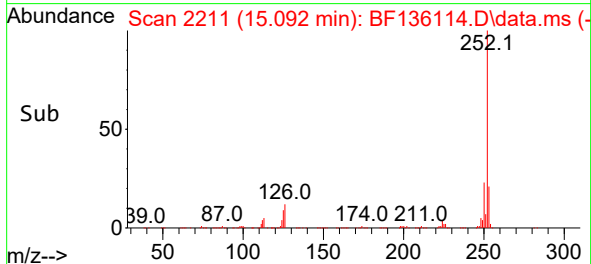
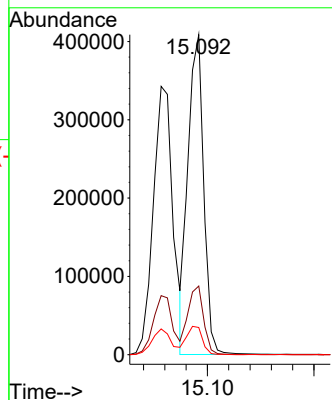
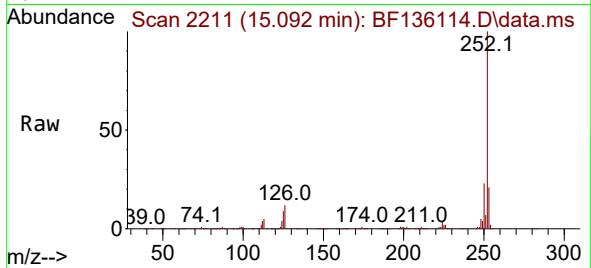




#89
Benzo(k)fluoranthene
Concen: 37.296 ng
RT: 15.092 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

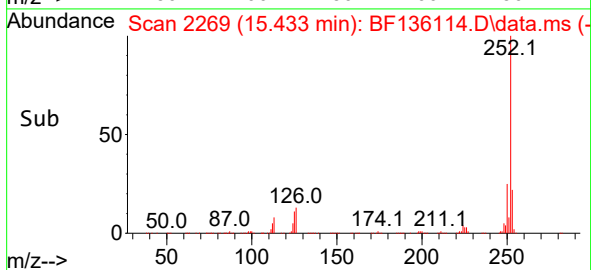
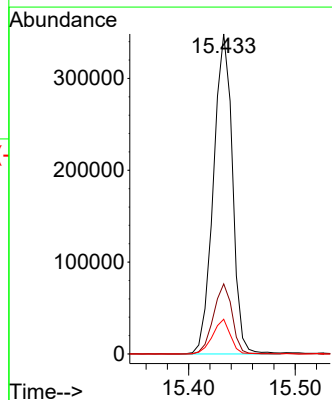
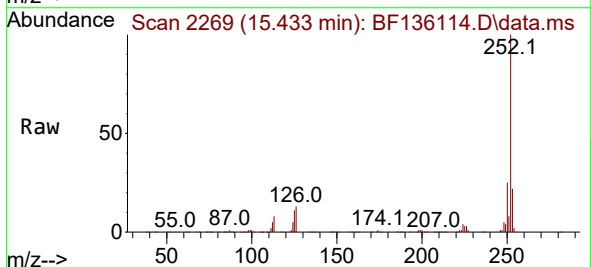
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

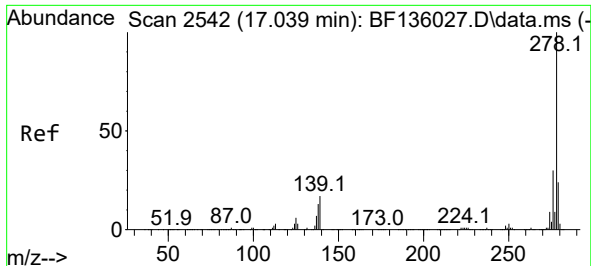
Tgt Ion:252 Resp: 417630
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 8.5 8.0 12.0



#90
Benzo(a)pyrene
Concen: 40.997 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:252 Resp: 431105
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.8 9.0 13.6

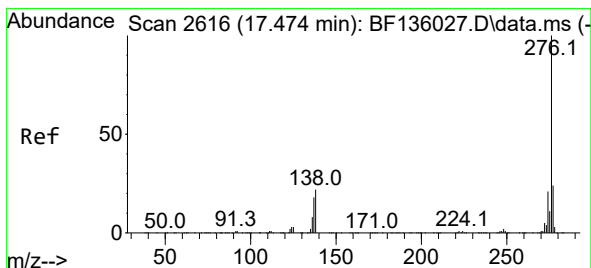
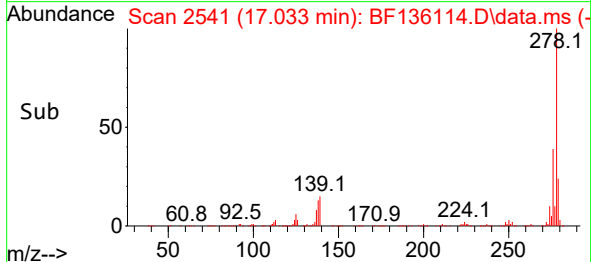
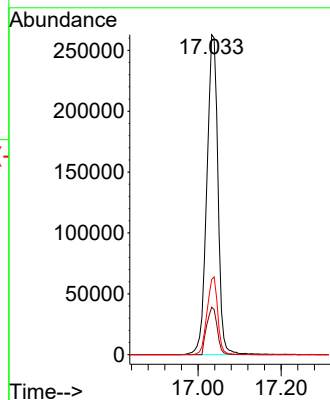
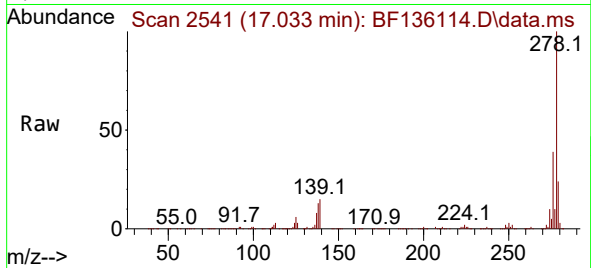




#91
Dibenzo(a,h)anthracene
Concen: 47.651 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 487904
Ion Ratio Lower Upper
278 100
139 14.8 13.7 20.5
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 43.460 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF136114.D
Acq: 03 Nov 2023 09:59

Tgt Ion:276 Resp: 503235
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 19.9 17.4 26.2

