

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136350.D
 Acq On : 01 Dec 2023 21:48
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 02 00:37:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	105232	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	442198	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	210775	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	308938	20.000	ng	0.00
76) Chrysene-d12	13.986	240	171803	20.000	ng	0.00
86) Perylene-d12	15.468	264	226606	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	611594	80.892	ng	0.00
7) Phenol-d6	6.445	99	756637	80.038	ng	0.00
23) Nitrobenzene-d5	7.375	82	689892	82.443	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	181224	70.326	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1371076	83.088	ng	0.00
79) Terphenyl-d14	12.927	244	917890	61.627	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	116208	40.622	ng	96
3) Pyridine	3.322	79	294600	41.718	ng	94
4) n-Nitrosodimethylamine	3.287	42	129078	36.160	ng	85
6) Aniline	6.475	93	379699	42.494	ng	95
8) 2-Chlorophenol	6.592	128	332232	40.357	ng	97
9) Benzaldehyde	6.363	77	215387	40.879	ng	95
10) Phenol	6.457	94	408794	40.307	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	301707	40.551	ng	94
12) 1,3-Dichlorobenzene	6.751	146	376199	40.268	ng	97
13) 1,4-Dichlorobenzene	6.828	146	384179	40.452	ng	98
14) 1,2-Dichlorobenzene	6.981	146	360017	40.042	ng	98
15) Benzyl Alcohol	6.951	79	255520	38.551	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.087	45	397912	38.503	ng	97
17) 2-Methylphenol	7.063	107	269011	41.565	ng	97
18) Hexachloroethane	7.316	117	133391	40.042	ng	95
19) n-Nitroso-di-n-propyla...	7.222	70	221960	39.257	ng	96
20) 3+4-Methylphenols	7.216	107	326549	38.823	ng	94
22) Acetophenone	7.216	105	456787	39.332	ng	# 95
24) Nitrobenzene	7.392	77	342505	40.389	ng	92
25) Isophorone	7.628	82	613348	40.649	ng	96
26) 2-Nitrophenol	7.704	139	170589	47.213	ng	94
27) 2,4-Dimethylphenol	7.739	122	205196	43.148	ng	93
28) bis(2-Chloroethoxy)met...	7.839	93	373588	40.933	ng	97
29) 2,4-Dichlorophenol	7.945	162	266580	41.558	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	322602	41.077	ng	99
31) Naphthalene	8.110	128	1017196	40.925	ng	98
32) Benzoic acid	7.857	122	171550	39.580	ng	97
33) 4-Chloroaniline	8.157	127	354470	41.956	ng	98
34) Hexachlorobutadiene	8.222	225	191605	41.702	ng	100
35) Caprolactam	8.533	113	74937	41.789	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	273326	39.288	ng	94
37) 2-Methylnaphthalene	8.798	142	632114	40.543	ng	97
38) 1-Methylnaphthalene	8.898	142	613207	40.317	ng	93
40) 1,2,4,5-Tetrachloroben...	8.963	216	291772	43.496	ng	99
41) Hexachlorocyclopentadiene	8.951	237	87392	33.858	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	181235	41.626	ng	92

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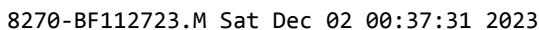
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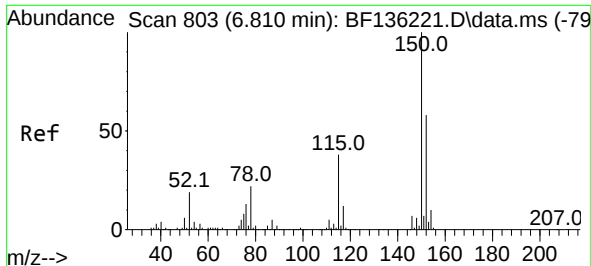
Quant Time: Dec 02 00:37:17 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	196890	41.438	ng	98
46) 1,1'-Biphenyl	9.263	154	788695	42.432	ng	97
47) 2-Chloronaphthalene	9.286	162	609376	42.217	ng	95
48) 2-Nitroaniline	9.386	65	152730	40.527	ng	85
49) Acenaphthylene	9.704	152	845213	41.032	ng	99
50) Dimethylphthalate	9.569	163	655817	41.167	ng	99
51) 2,6-Dinitrotoluene	9.627	165	143548	44.107	ng	99
52) Acenaphthene	9.875	154	558349	42.892	ng	96
53) 3-Nitroaniline	9.798	138	130140	40.300	ng	95
54) 2,4-Dinitrophenol	9.904	184	48014	31.721	ng	# 85
55) Dibenzofuran	10.051	168	763564	39.419	ng	97
56) 4-Nitrophenol	9.957	139	75428	30.754	ng	85
57) 2,4-Dinitrotoluene	10.033	165	174457	40.130	ng	98
58) Fluorene	10.392	166	588404	38.726	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.169	232	146804	38.832	ng	96
60) Diethylphthalate	10.269	149	628796	39.458	ng	97
61) 4-Chlorophenyl-phenyle...	10.386	204	291429	39.496	ng	96
62) 4-Nitroaniline	10.410	138	111479	35.268	ng	92
63) Azobenzene	10.545	77	543679	36.801	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	73176	43.314	ng	93
66) n-Nitrosodiphenylamine	10.504	169	484491	48.937	ng	96
67) 4-Bromophenyl-phenylether	10.880	248	171094	47.470	ng	90
68) Hexachlorobenzene	10.939	284	192092	46.049	ng	93
69) Atrazine	11.033	200	119771	40.782	ng	96
70) Pentachlorophenol	11.133	266	88485	37.526	ng	93
71) Phenanthrene	11.357	178	711240	40.961	ng	98
72) Anthracene	11.410	178	708275	40.676	ng	98
73) Carbazole	11.563	167	535001	36.125	ng	100
74) Di-n-butylphthalate	11.904	149	758233	40.919	ng	98
75) Fluoranthene	12.551	202	576628	32.713	ng	96
77) Benzidine	12.674	184	180985	64.085	ng	100
78) Pyrene	12.780	202	580971	30.877	ng	97
80) Butylbenzylphthalate	13.410	149	211956	36.196	ng	98
81) Benzo(a)anthracene	13.974	228	512610	40.170	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	171613	55.868	ng	95
83) Chrysene	14.010	228	507799	41.213	ng	97
84) Bis(2-ethylhexyl)phtha...	13.974	149	294732	41.939	ng	# 98
85) Di-n-octyl phthalate	14.592	149	603553	52.354	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	569897	34.447	ng	98
88) Benzo(b)fluoranthene	15.033	252	583355	36.693	ng	99
89) Benzo(k)fluoranthene	15.062	252	593536	39.308	ng	97
90) Benzo(a)pyrene	15.404	252	531902	40.926	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	470491	35.365	ng	99
92) Benzo(g,h,i)perylene	17.433	276	439098	32.814	ng	97

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

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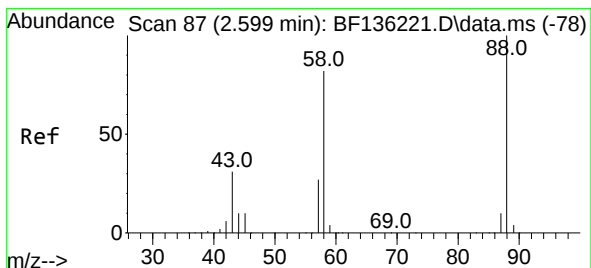
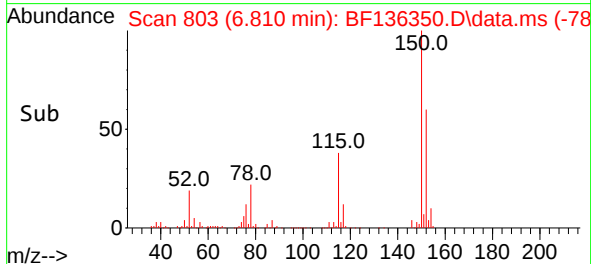
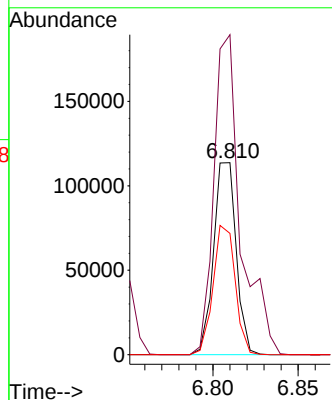
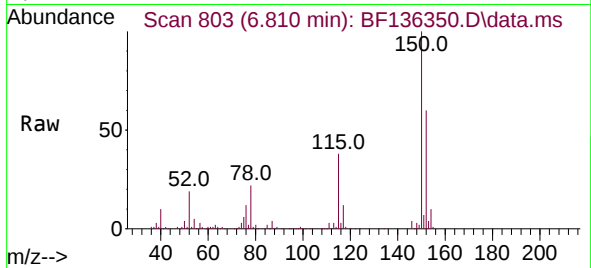




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136350.D
 Acq: 01 Dec 2023 21:48

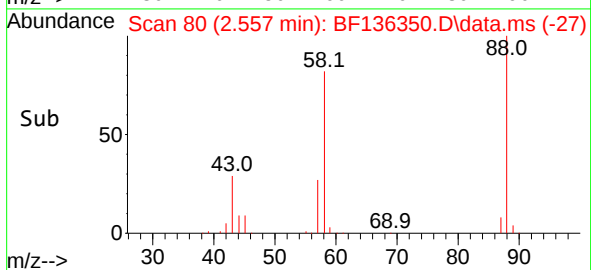
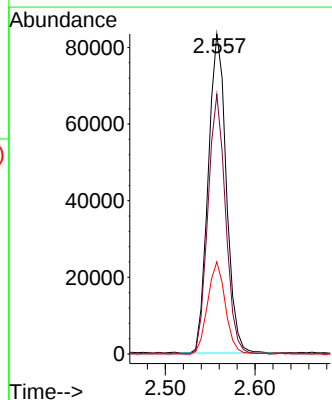
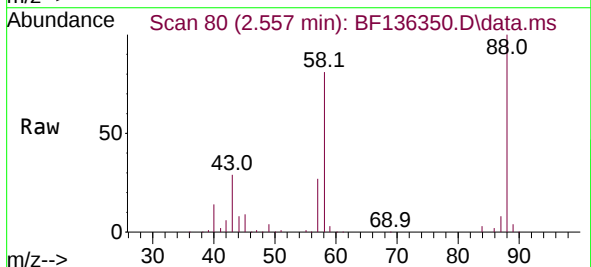
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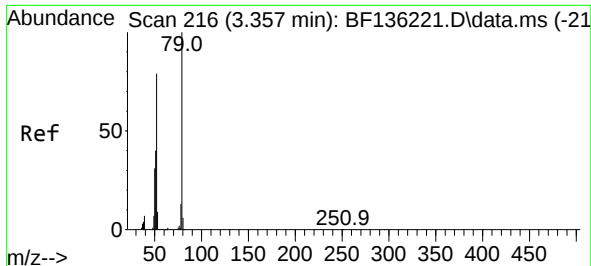
Tgt Ion:152 Resp: 105232
 Ion Ratio Lower Upper
 152 100
 150 166.6 137.8 206.8
 115 63.2 52.7 79.1



#2
 1,4-Dioxane
 Concen: 40.622 ng
 RT: 2.557 min Scan# 80
 Delta R.T. -0.041 min
 Lab File: BF136350.D
 Acq: 01 Dec 2023 21:48

Tgt Ion: 88 Resp: 116208
 Ion Ratio Lower Upper
 88 100
 58 79.5 65.9 98.9
 43 28.5 24.8 37.2

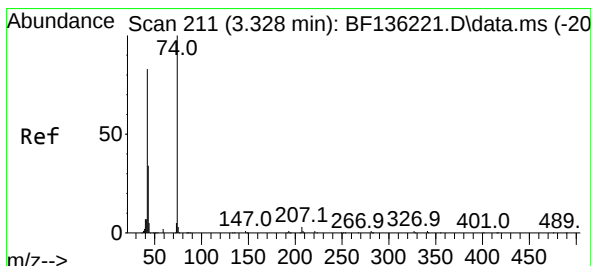
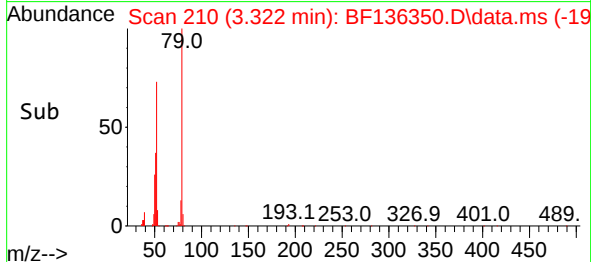
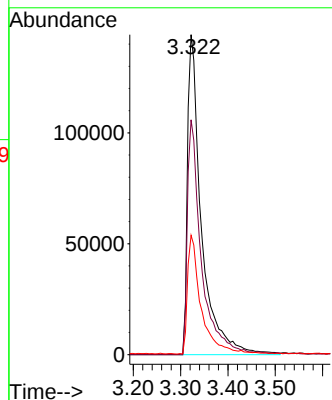
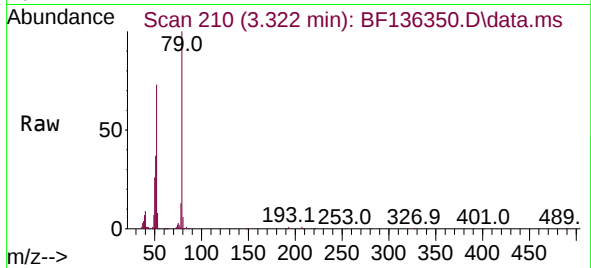




#3
Pyridine
Concen: 41.718 ng
RT: 3.322 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

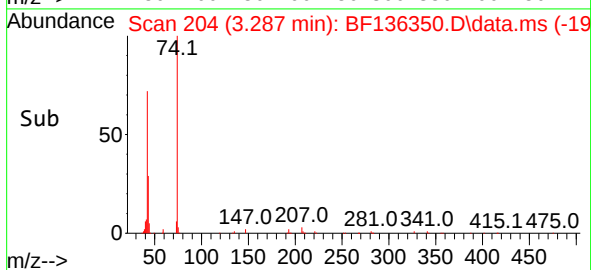
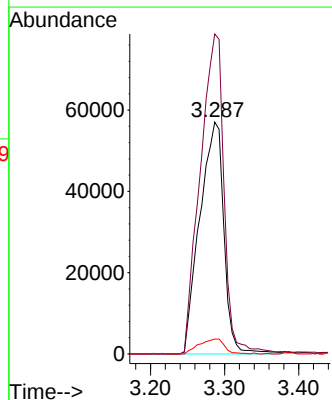
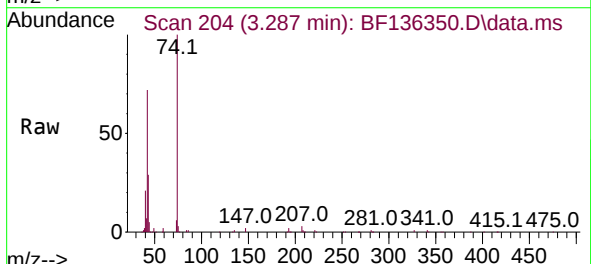
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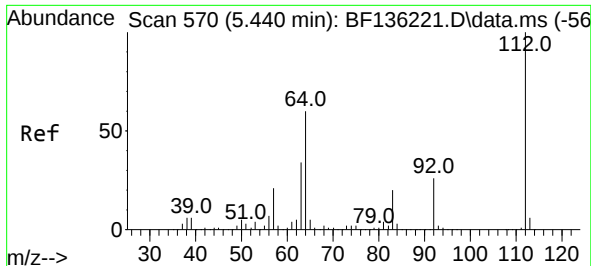
Tgt Ion: 79 Resp: 294600
Ion Ratio Lower Upper
79 100
52 73.4 63.2 94.8
51 37.3 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 36.160 ng
RT: 3.287 min Scan# 204
Delta R.T. -0.041 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion: 42 Resp: 129078
Ion Ratio Lower Upper
42 100
74 138.0 96.6 144.8
44 6.4 5.4 8.2

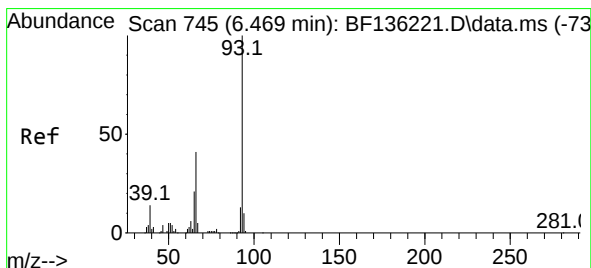
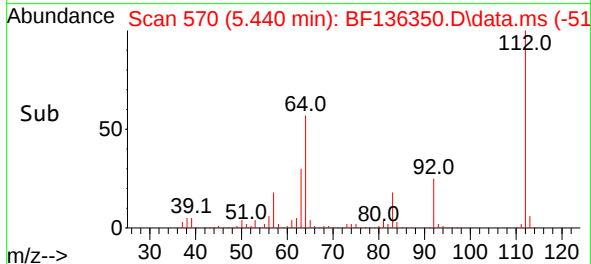
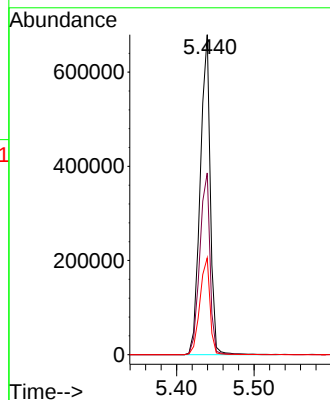
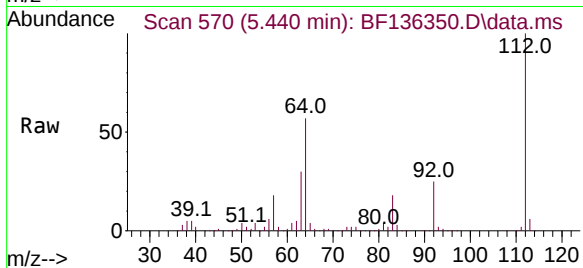




#5
2-Fluorophenol
Concen: 80.892 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

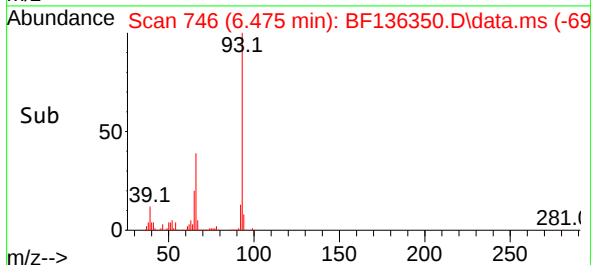
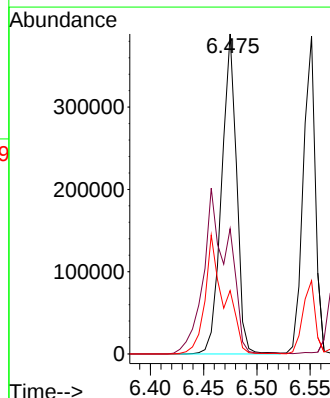
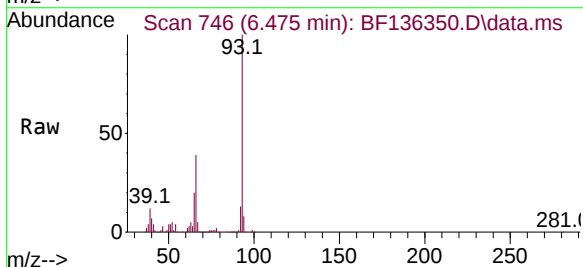
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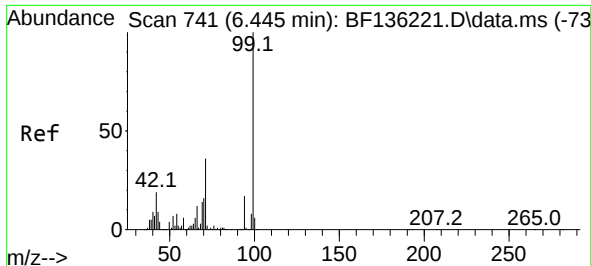
Tgt Ion:112 Resp: 611594
Ion Ratio Lower Upper
112 100
64 56.8 48.2 72.4
63 30.3 27.0 40.6



#6
Aniline
Concen: 42.494 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion: 93 Resp: 379699
Ion Ratio Lower Upper
93 100
66 39.1 34.1 51.1
65 19.8 17.3 25.9

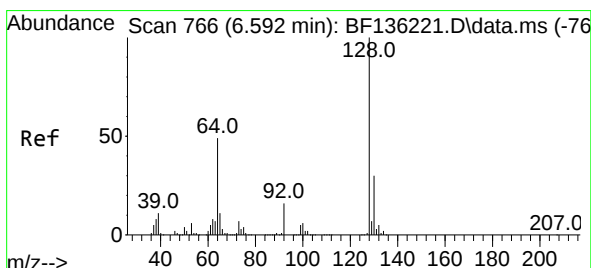
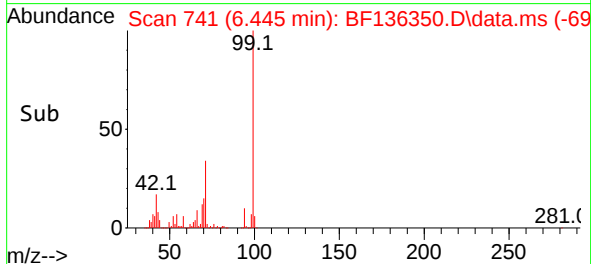
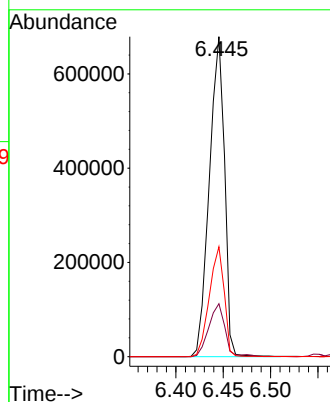
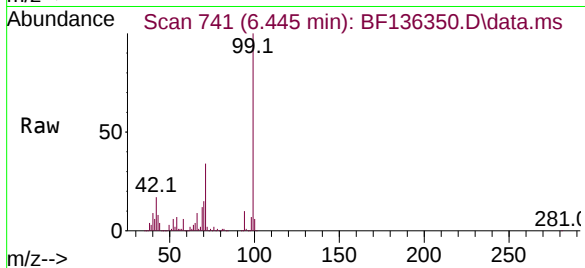




#7
Phenol-d6
Concen: 80.038 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

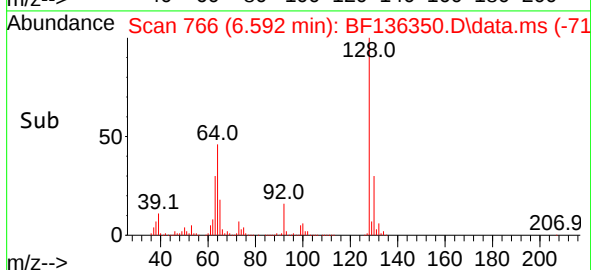
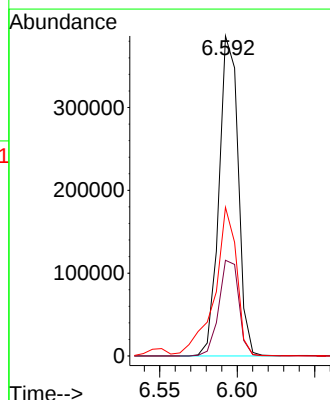
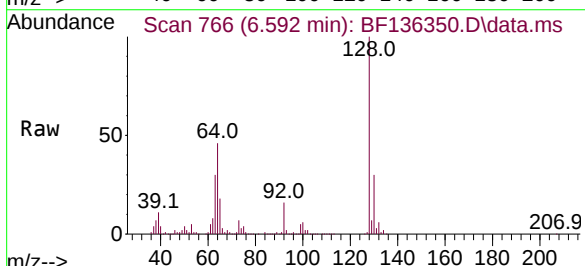
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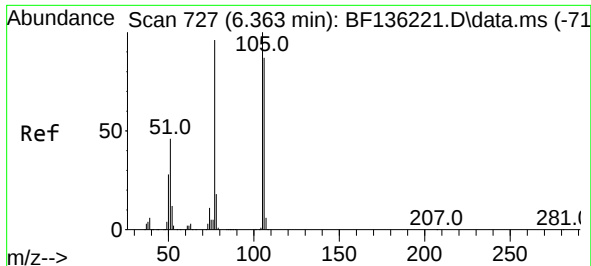
Tgt Ion: 99 Resp: 756637
Ion Ratio Lower Upper
99 100
42 16.5 15.0 22.6
71 34.4 28.9 43.3



#8
2-Chlorophenol
Concen: 40.357 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion: 128 Resp: 332232
Ion Ratio Lower Upper
128 100
130 29.9 10.3 50.3
64 46.5 30.0 70.0





#9

Benzaldehyde

Concen: 40.879 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

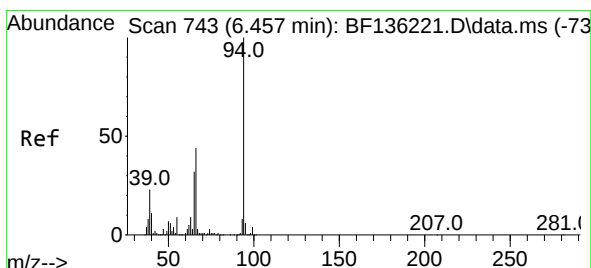
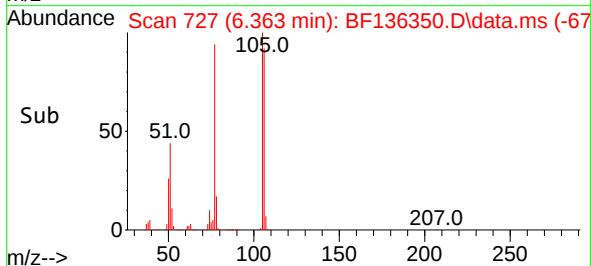
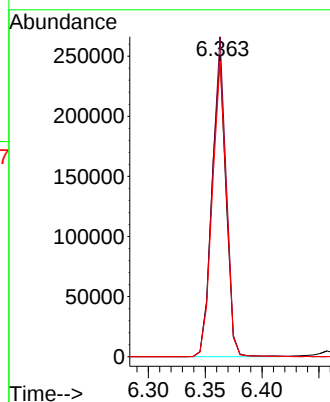
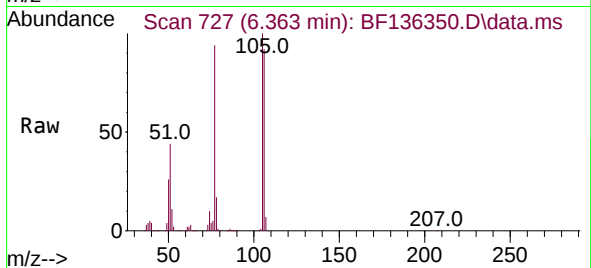
Tgt Ion: 77 Resp: 215387

Ion Ratio Lower Upper

77 100

105 106.3 84.3 124.3

106 98.3 71.0 111.0



#10

Phenol

Concen: 40.307 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

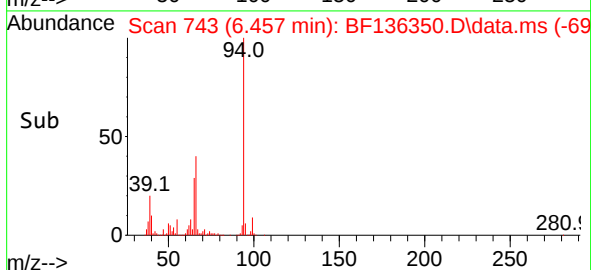
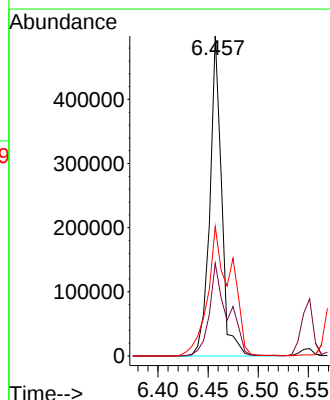
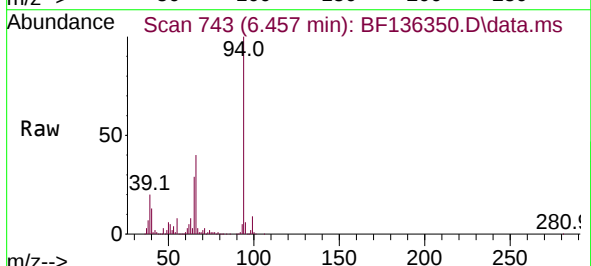
Tgt Ion: 94 Resp: 408794

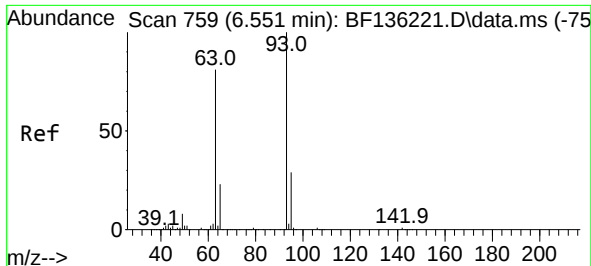
Ion Ratio Lower Upper

94 100

65 29.0 12.5 52.5

66 40.4 24.1 64.1

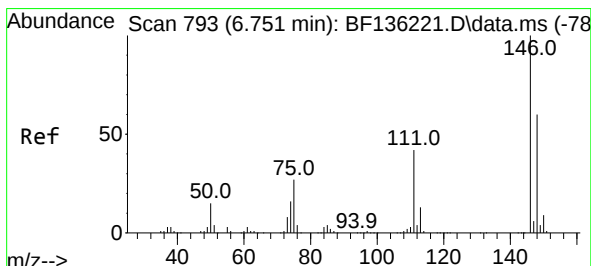
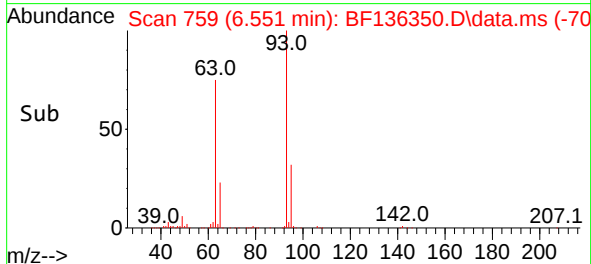
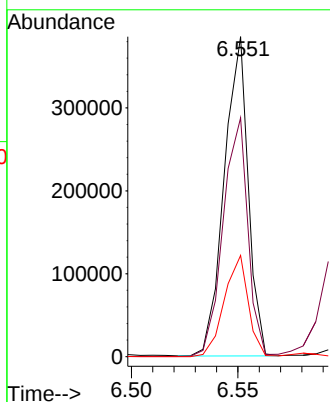
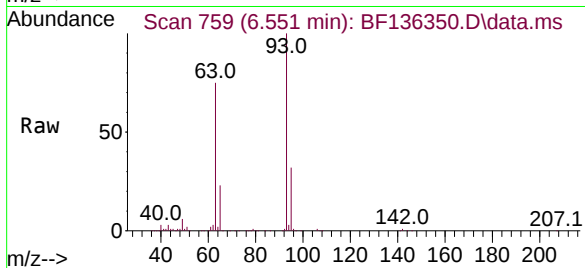




#11
bis(2-Chloroethyl)ether
Concen: 40.551 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

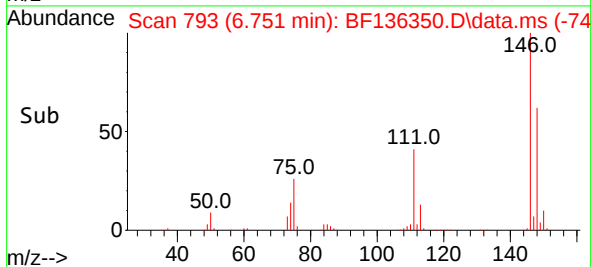
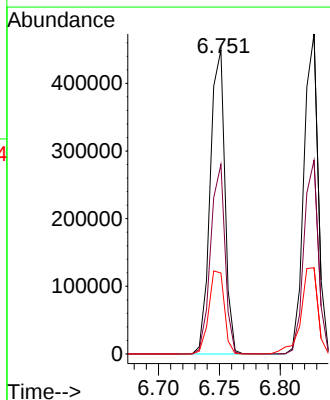
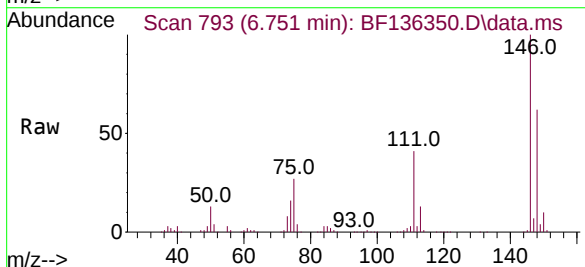
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

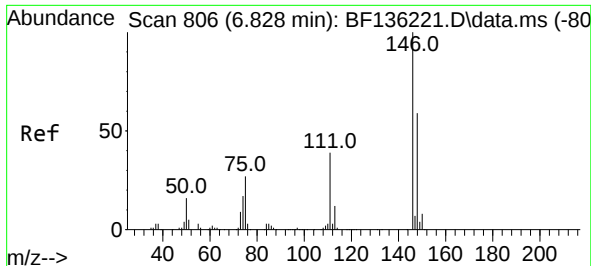
Tgt Ion: 93 Resp: 301707
Ion Ratio Lower Upper
93 100
63 74.7 60.2 100.2
95 31.7 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 40.268 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion: 146 Resp: 376199
Ion Ratio Lower Upper
146 100
148 62.4 47.8 71.6
75 26.6 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 40.452 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

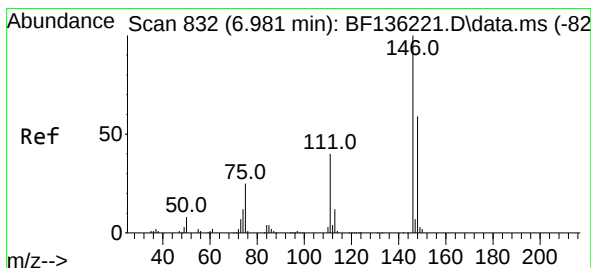
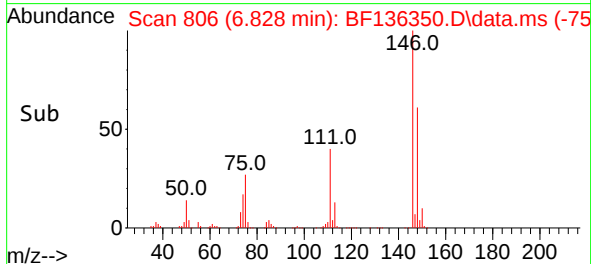
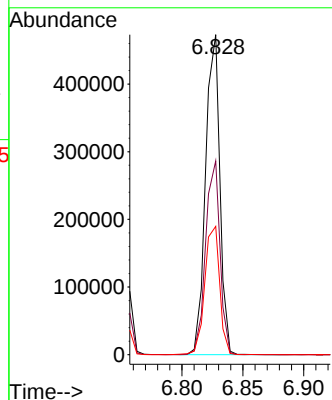
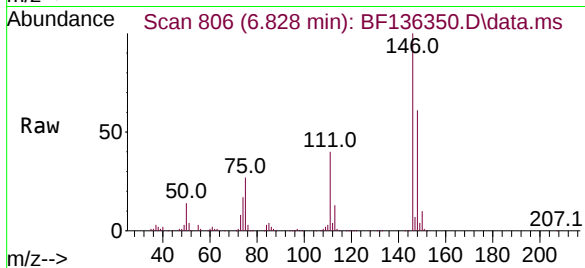
Tgt Ion:146 Resp: 384179

Ion Ratio Lower Upper

146 100

148 60.5 47.0 70.6

111 40.1 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 40.042 ng

RT: 6.981 min Scan# 832

Delta R.T. 0.000 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

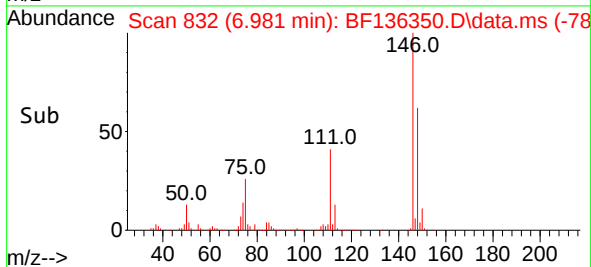
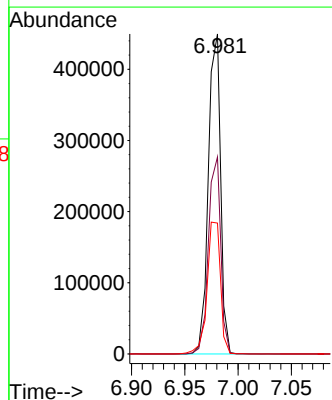
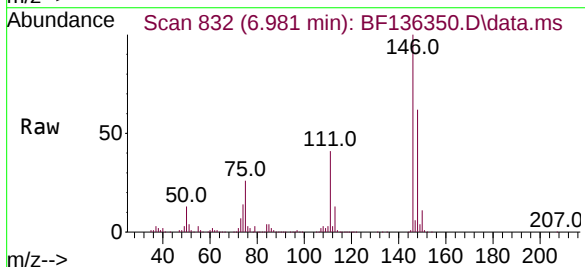
Tgt Ion:146 Resp: 360017

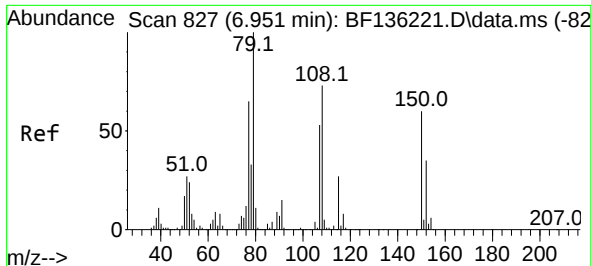
Ion Ratio Lower Upper

146 100

148 61.6 47.3 70.9

111 40.9 32.4 48.6

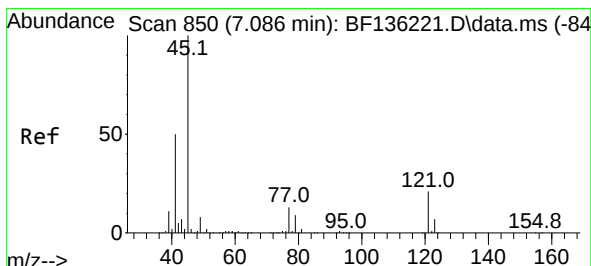
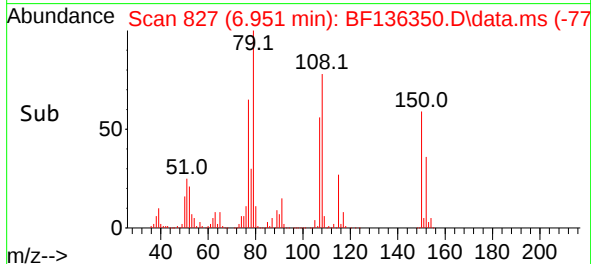
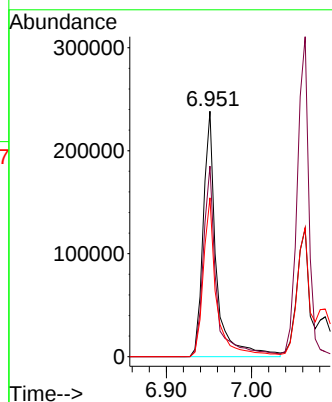
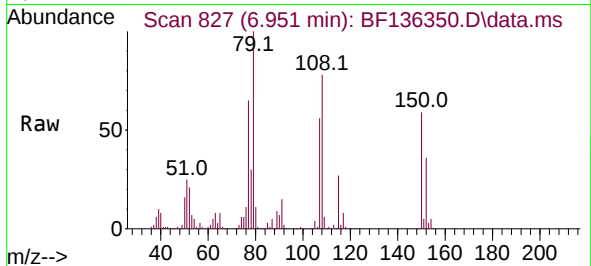




#15
Benzyl Alcohol
Concen: 38.551 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

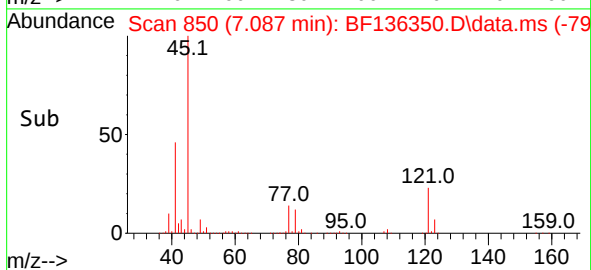
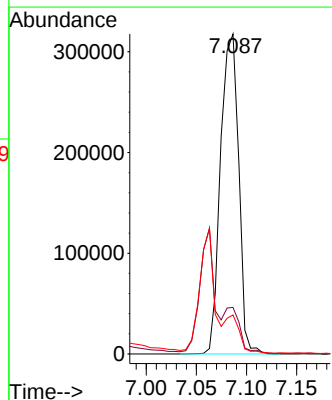
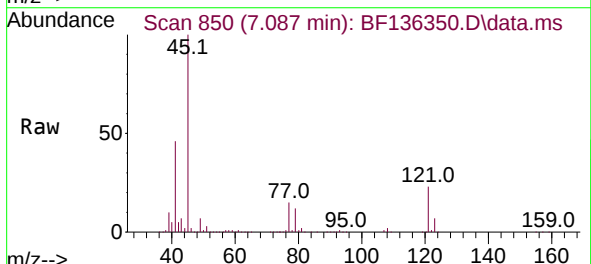
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

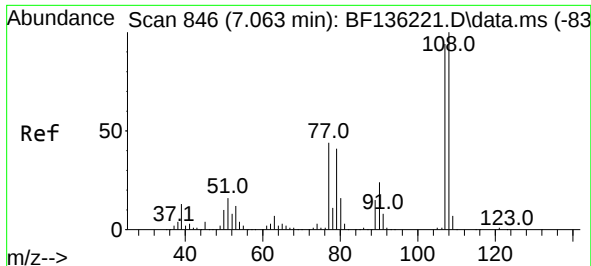
Tgt Ion: 79 Resp: 255520
Ion Ratio Lower Upper
79 100
108 77.6 58.1 87.1
77 64.7 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.503 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion: 45 Resp: 397912
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.0
79 12.2 0.0 30.1

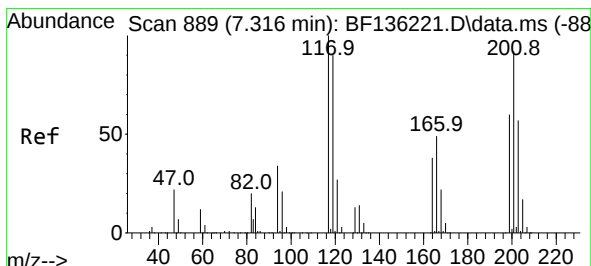
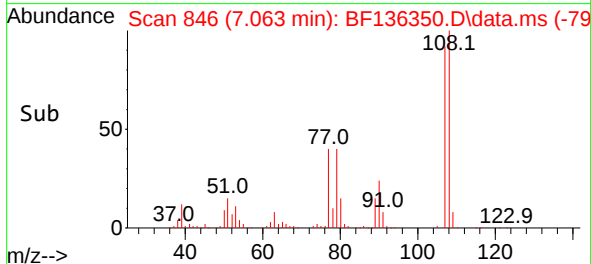
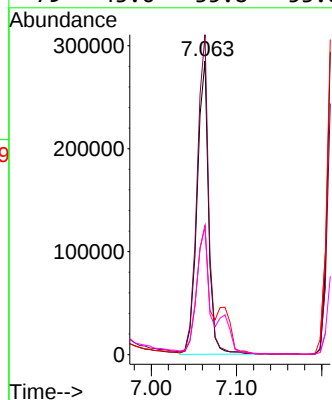
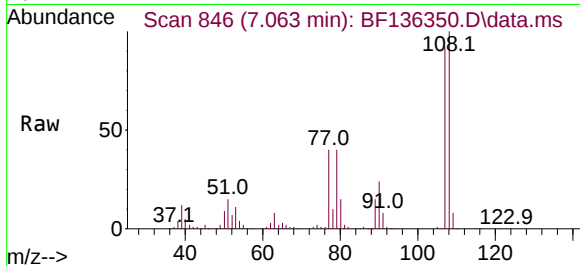




#17
2-Methylphenol
Concen: 41.565 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

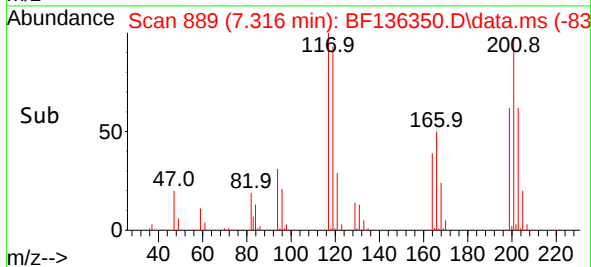
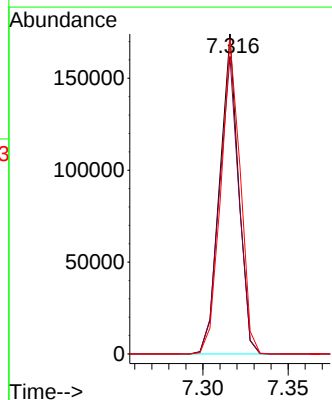
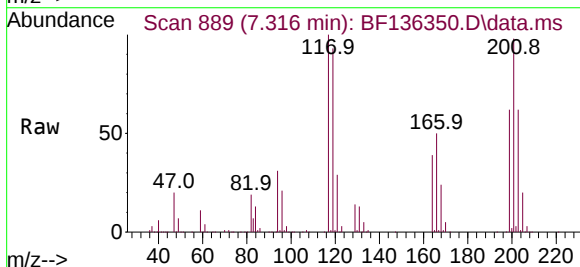
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

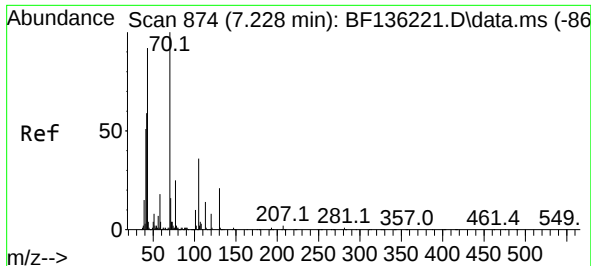
Tgt Ion:	107	Resp:	269011
Ion	Ratio	Lower	Upper
107	100		
108	108.9	85.4	128.0
77	43.9	37.4	56.2
79	43.6	35.8	53.8



#18
Hexachloroethane
Concen: 40.042 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:	117	Resp:	133391
Ion	Ratio	Lower	Upper
117	100		
119	93.0	71.6	107.4
201	98.3	73.4	110.2

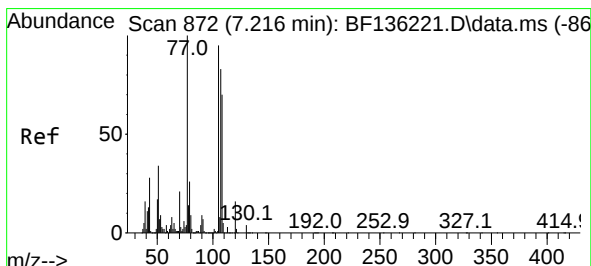
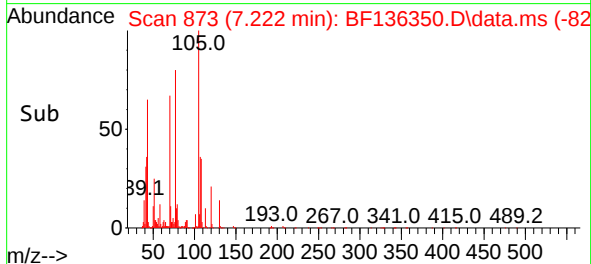
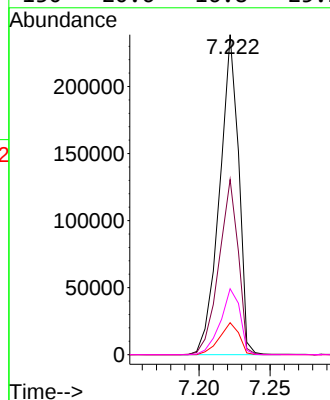
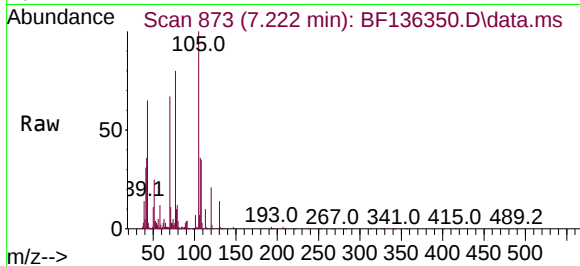




#19
n-Nitroso-di-n-propylamine
Concen: 39.257 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

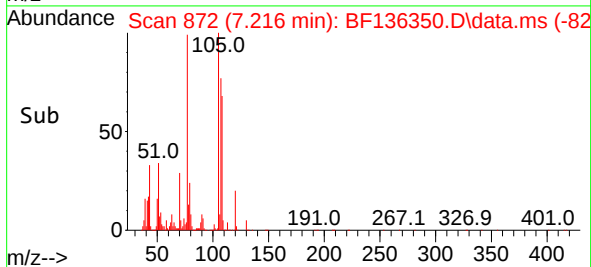
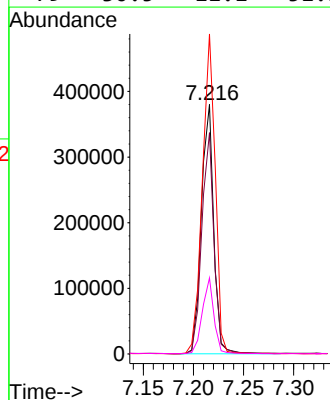
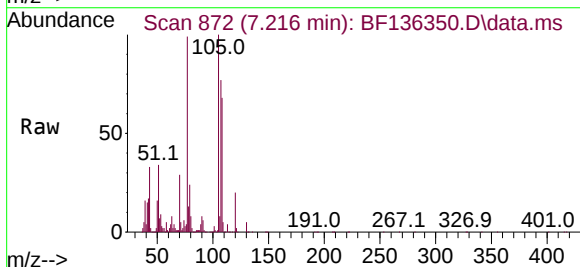
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

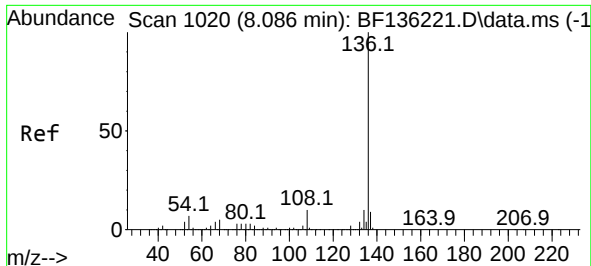
Tgt Ion: 70 Resp: 221960
Ion Ratio Lower Upper
70 100
42 54.7 47.0 70.4
101 10.0 7.8 11.8
130 20.6 16.8 25.2



#20
3+4-Methylphenols
Concen: 38.823 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion: 107 Resp: 326549
Ion Ratio Lower Upper
107 100
108 88.7 63.9 103.9
77 128.3 100.2 140.2
79 30.5 11.1 51.1

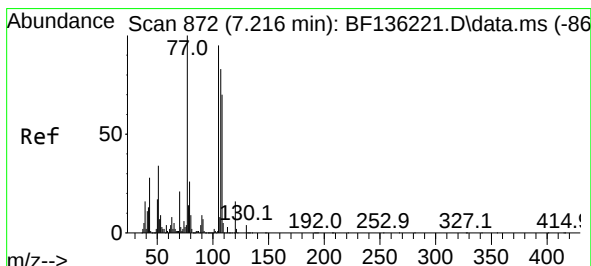
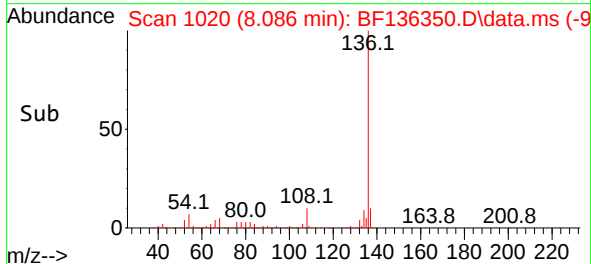
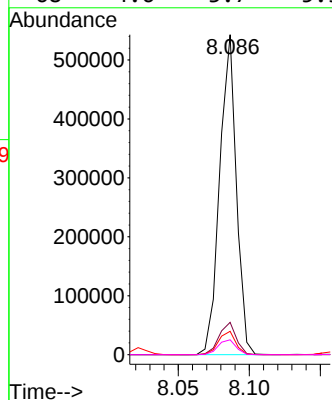
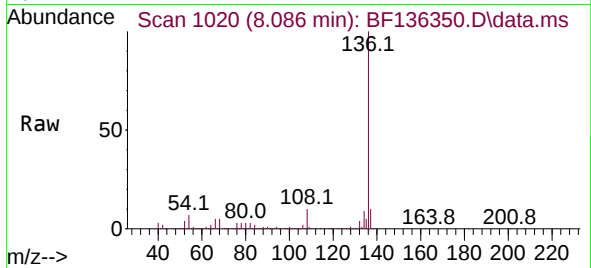




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

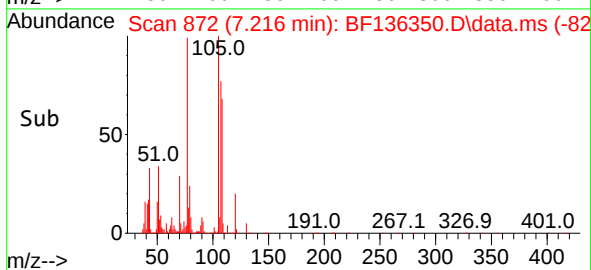
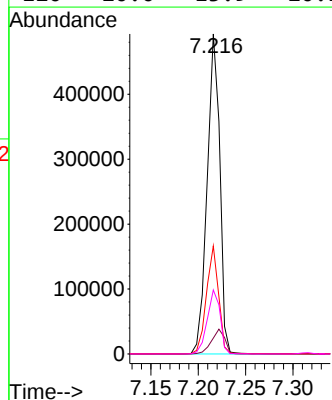
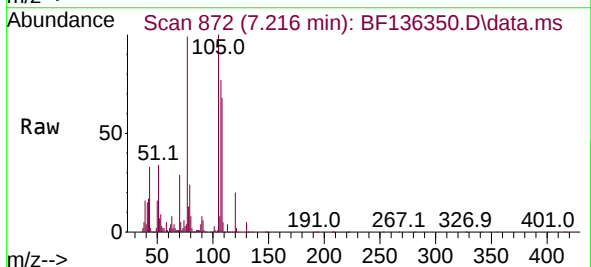
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

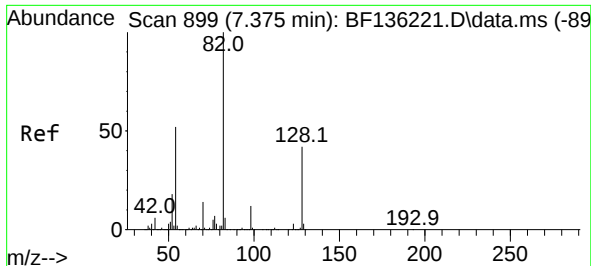
Tgt Ion:	136	Resp:	442198
Ion	Ratio	Lower	Upper
136	100		
137	10.1	7.4	11.2
54	7.3	5.5	8.3
68	4.6	3.7	5.5



#22
Acetophenone
Concen: 39.332 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:	105	Resp:	456787
Ion	Ratio	Lower	Upper
105	100		
71	5.0	2.8	4.2
51	33.8	29.0	43.6
120	20.0	13.9	20.9





#23

Nitrobenzene-d5

Concen: 82.443 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

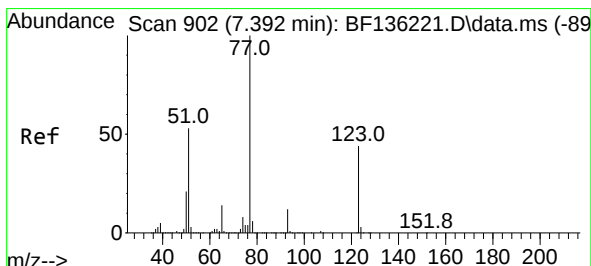
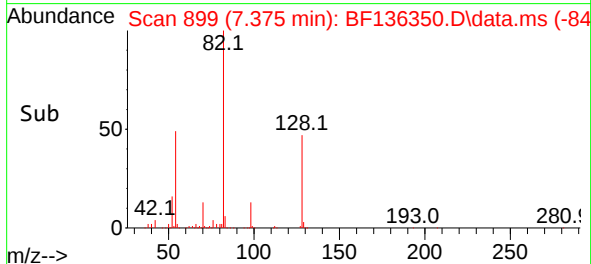
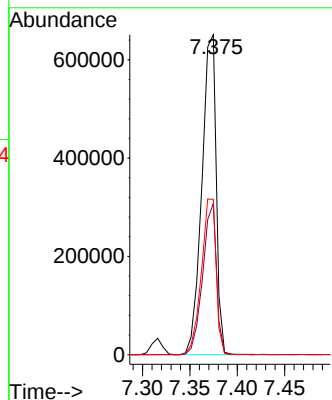
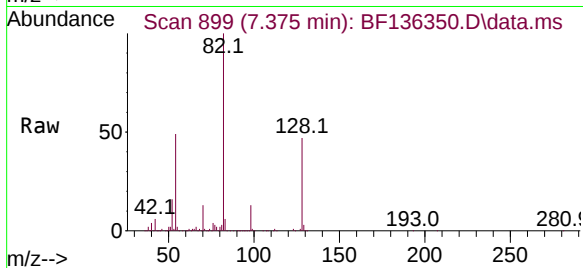
BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 689892

Ion	Ratio	Lower	Upper
82	100		
128	47.2	33.4	50.2
54	48.6	41.7	62.5



#24

Nitrobenzene

Concen: 40.389 ng

RT: 7.392 min Scan# 902

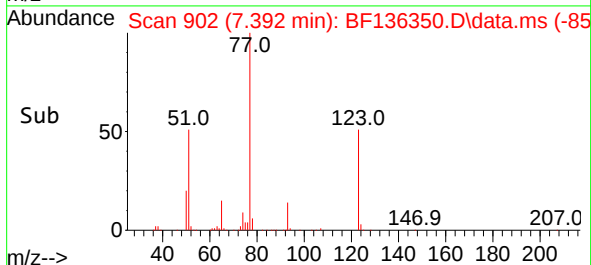
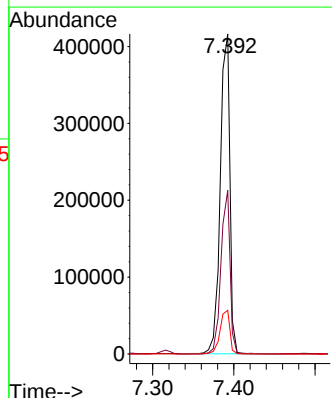
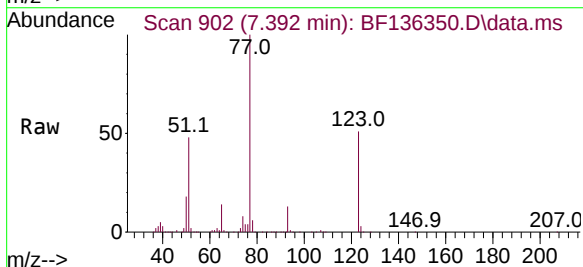
Delta R.T. 0.000 min

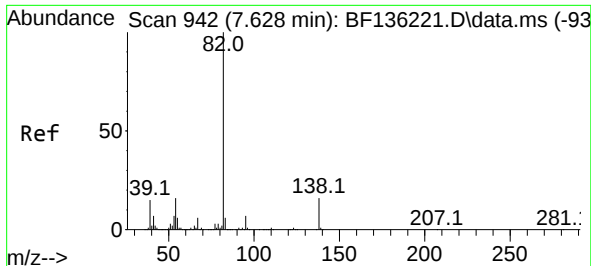
Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Tgt Ion: 77 Resp: 342505

Ion	Ratio	Lower	Upper
77	100		
123	51.1	35.4	53.2
65	13.6	11.0	16.6

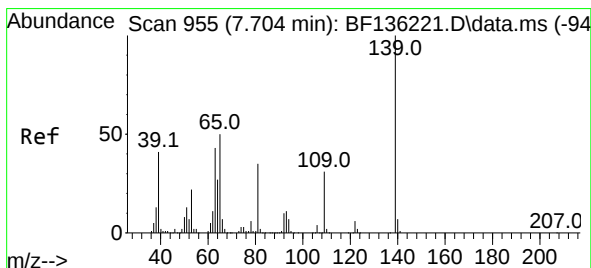
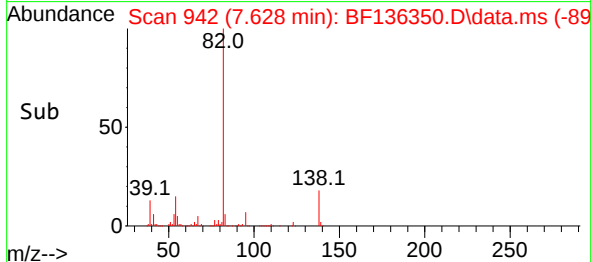
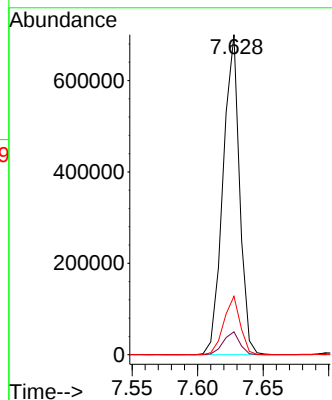
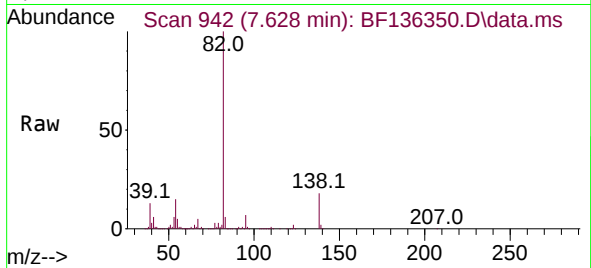




#25
Isophorone
Concen: 40.649 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

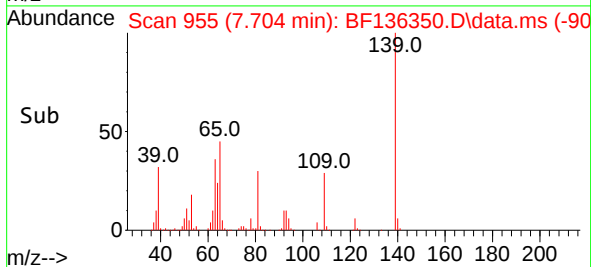
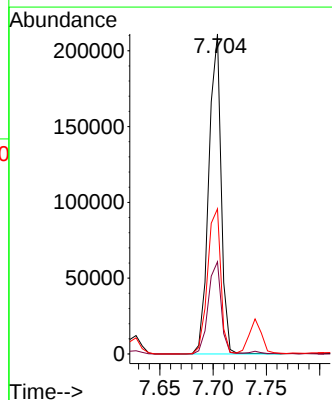
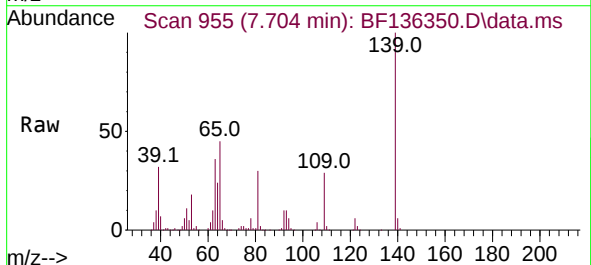
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

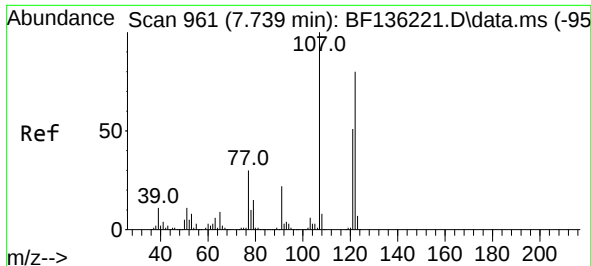
Tgt Ion: 82 Resp: 613348
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.3 12.8 19.2



#26
2-Nitrophenol
Concen: 47.213 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion: 139 Resp: 170589
Ion Ratio Lower Upper
139 100
109 28.8 25.0 37.6
65 45.4 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 43.148 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

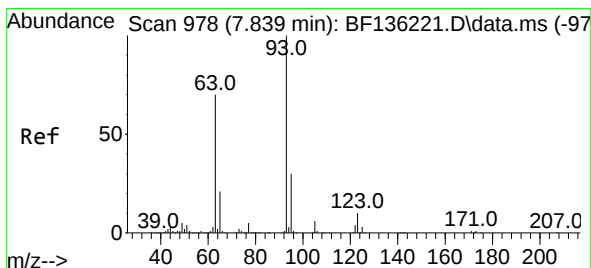
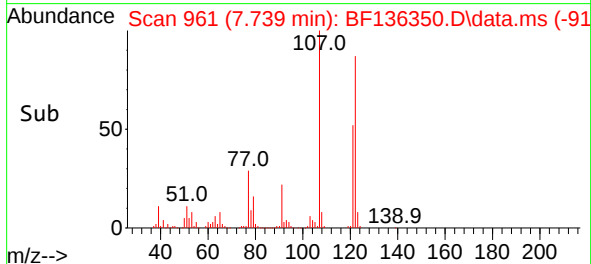
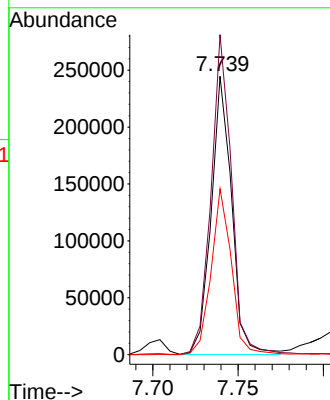
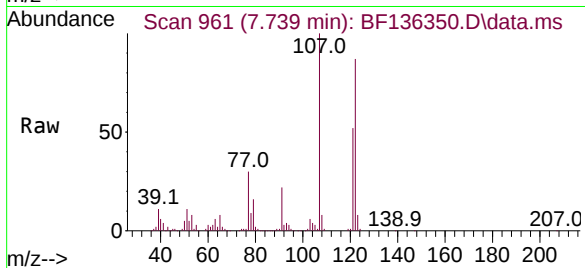
Tgt Ion:122 Resp: 205196

Ion Ratio Lower Upper

122 100

107 115.0 100.0 150.0

121 59.6 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.933 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

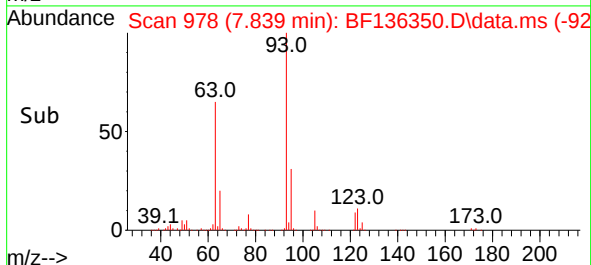
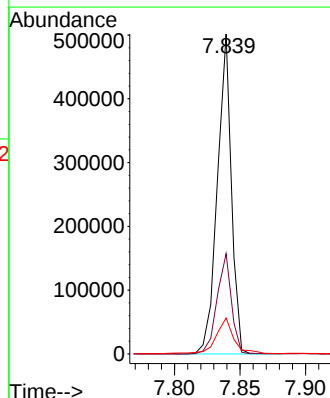
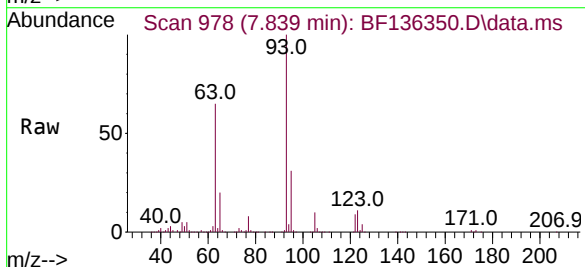
Tgt Ion: 93 Resp: 373588

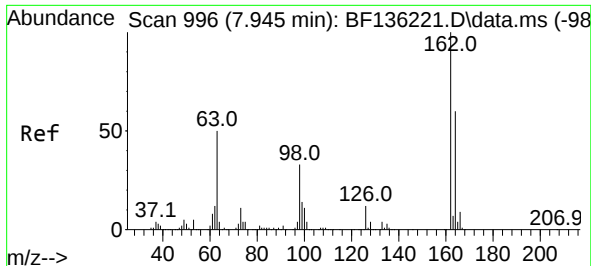
Ion Ratio Lower Upper

93 100

95 31.4 23.8 35.6

123 11.3 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 41.558 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

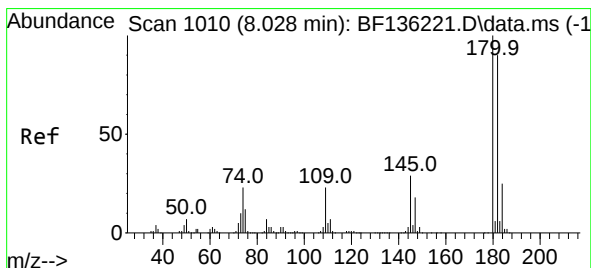
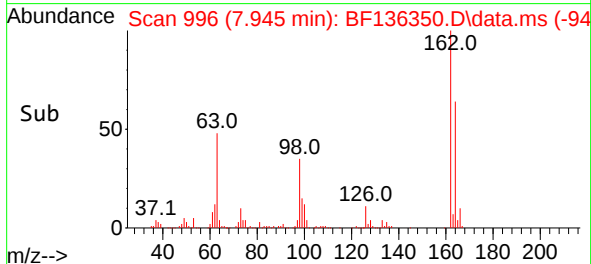
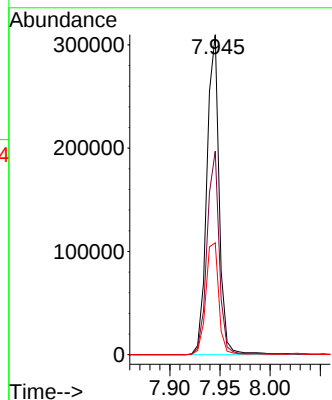
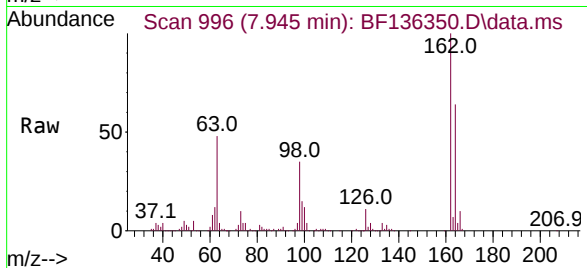
Tgt Ion:162 Resp: 266580

Ion Ratio Lower Upper

162 100

164 63.6 40.3 80.3

98 35.0 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 41.077 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

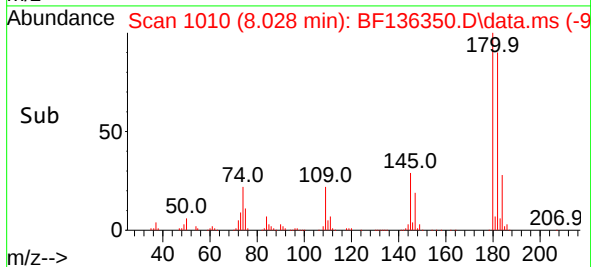
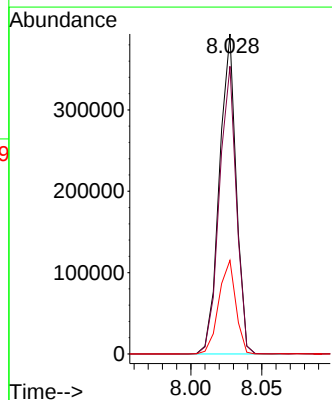
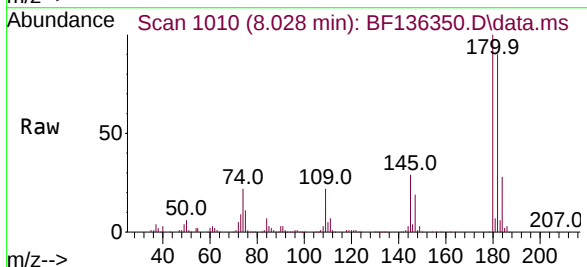
Tgt Ion:180 Resp: 322602

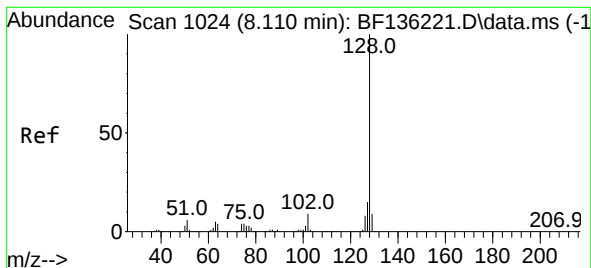
Ion Ratio Lower Upper

180 100

182 89.9 71.6 107.4

145 29.2 23.0 34.4





#31

Naphthalene

Concen: 40.925 ng

RT: 8.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

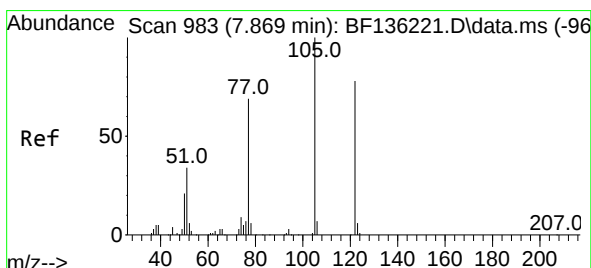
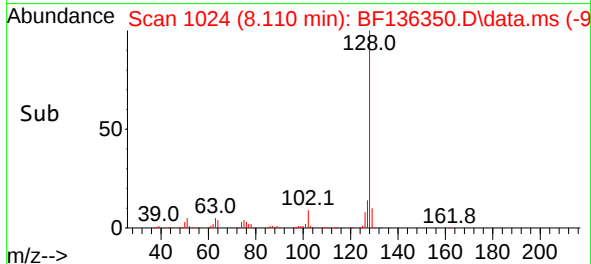
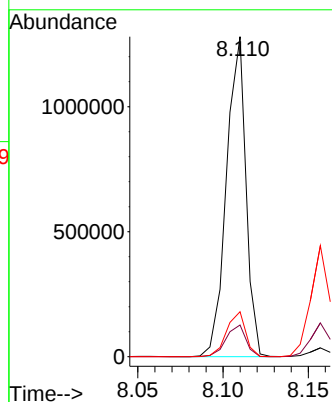
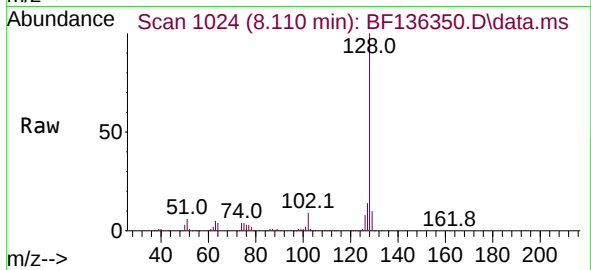
Tgt Ion:128 Resp: 1017196

Ion Ratio Lower Upper

128 100

129 9.9 7.3 10.9

127 14.1 11.8 17.6



#32

Benzoic acid

Concen: 39.580 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.012 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

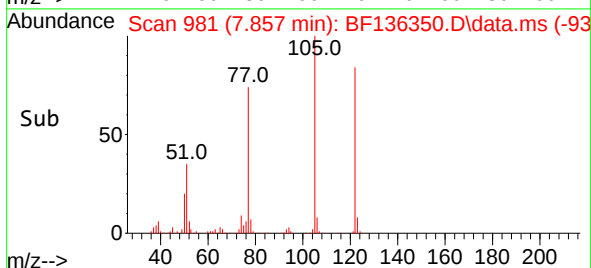
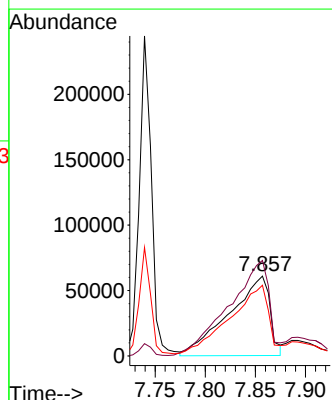
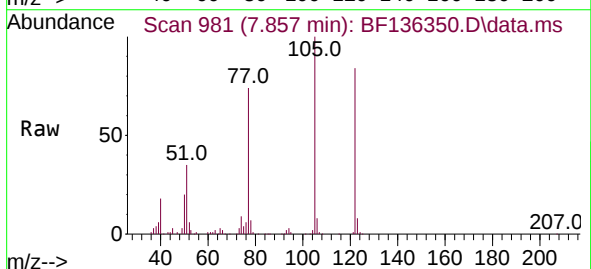
Tgt Ion:122 Resp: 171550

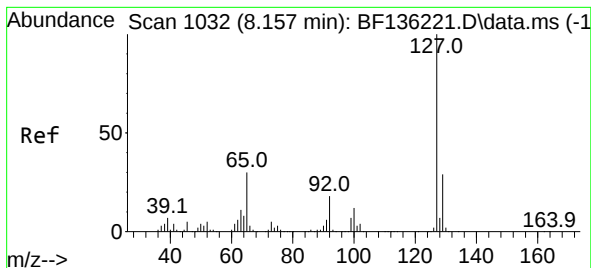
Ion Ratio Lower Upper

122 100

105 119.5 103.7 143.7

77 88.5 66.8 106.8

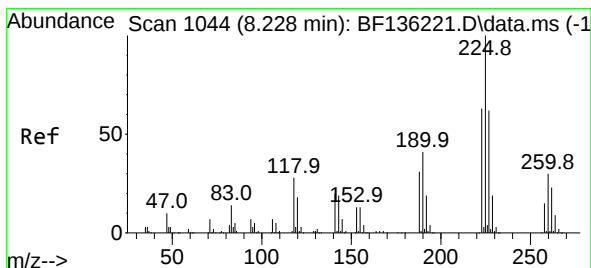
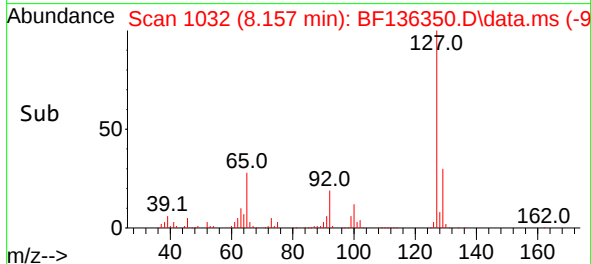
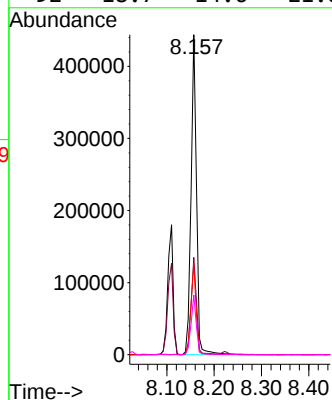
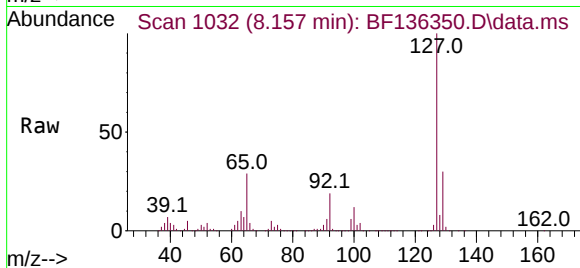




#33
4-Chloroaniline
Concen: 41.956 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

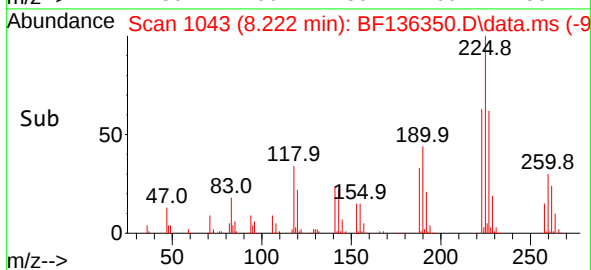
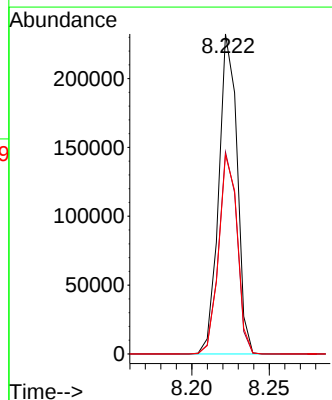
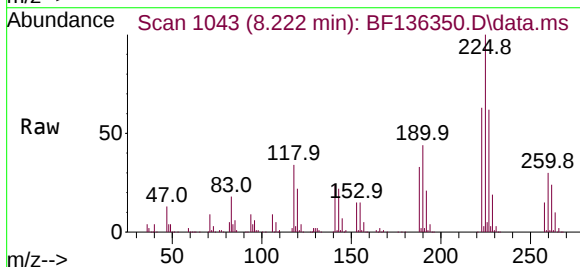
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

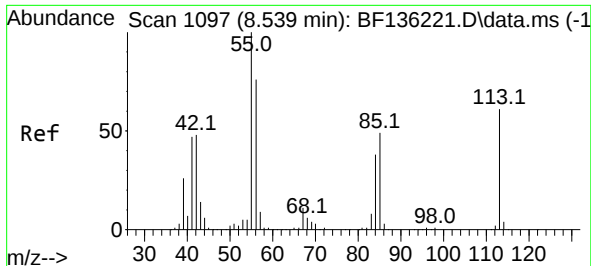
Tgt Ion:	127	Resp:	354470
Ion	Ratio	Lower	Upper
127	100		
129	30.4	23.4	35.2
65	28.6	23.8	35.6
92	18.7	14.6	21.8



#34
Hexachlorobutadiene
Concen: 41.702 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:	225	Resp:	191605
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	75.8
227	62.2	49.6	74.4

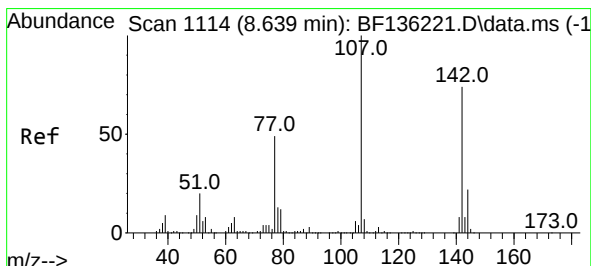
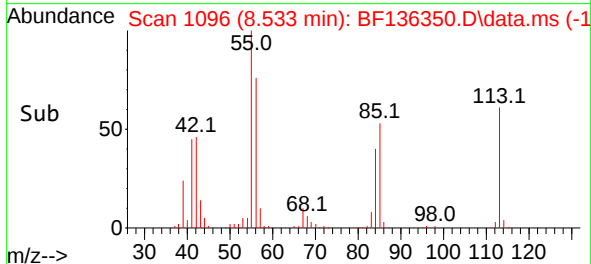
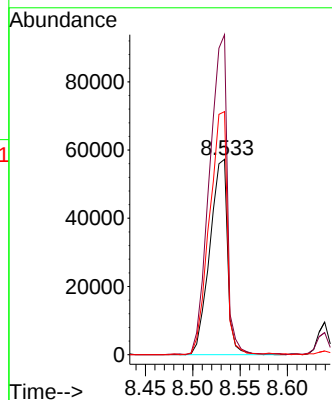
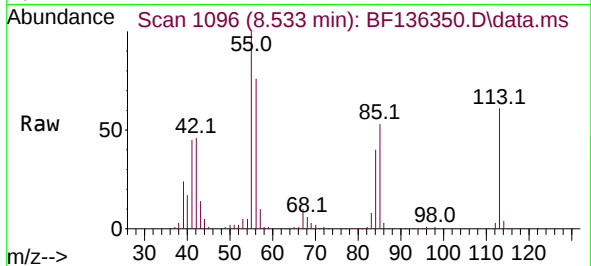




#35
Caprolactam
Concen: 41.789 ng
RT: 8.533 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

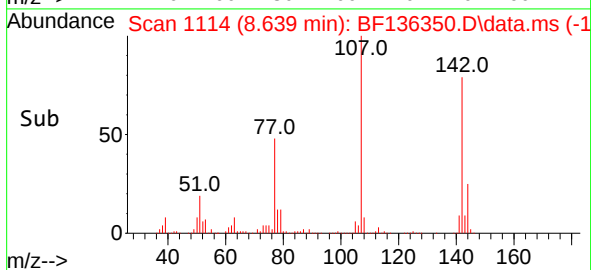
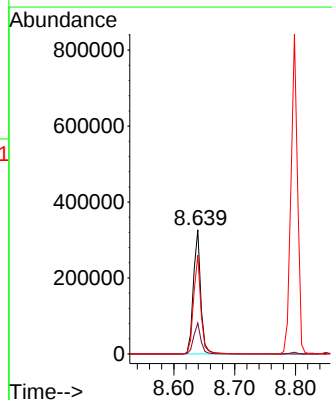
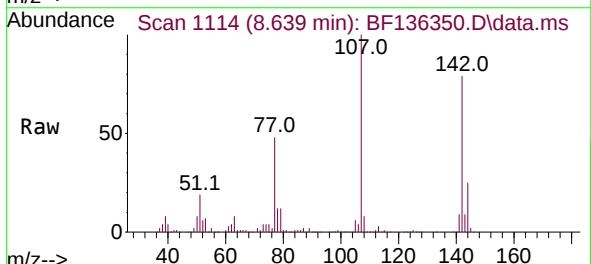
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

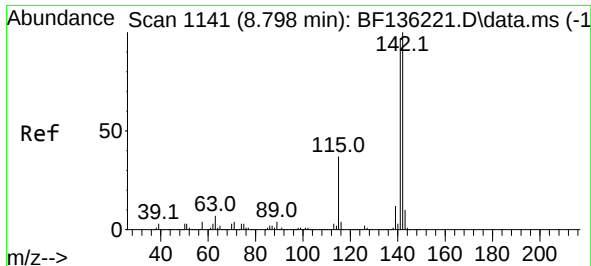
Tgt Ion:113 Resp: 74937
Ion Ratio Lower Upper
113 100
55 163.8 143.1 183.1
56 124.4 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 39.288 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:107 Resp: 273326
Ion Ratio Lower Upper
107 100
144 24.8 17.8 26.8
142 79.5 59.4 89.0





#37

2-Methylnaphthalene

Concen: 40.543 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

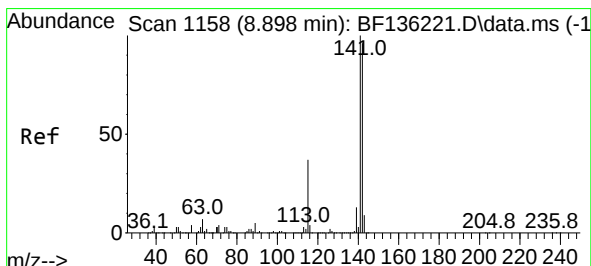
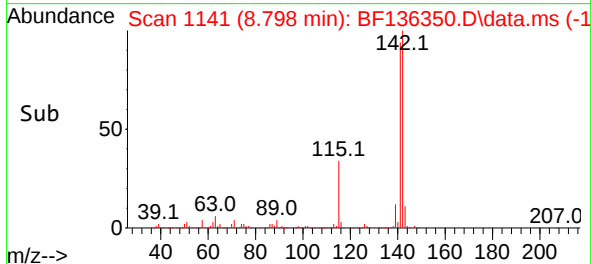
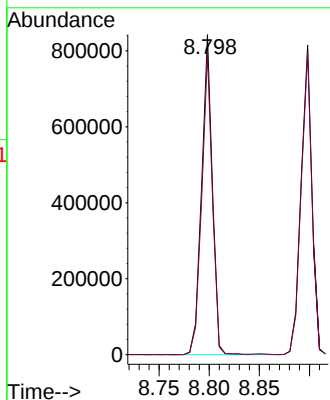
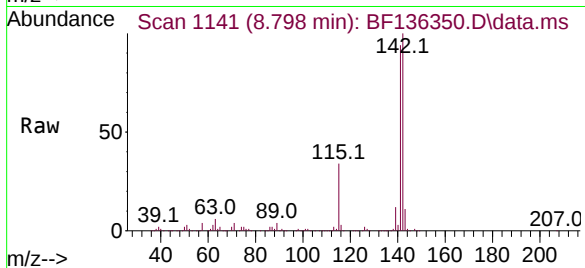
SSTDCCC040EC

Tgt Ion:142 Resp: 632114

Ion Ratio Lower Upper

142 100

141 94.1 77.8 116.8



#38

1-Methylnaphthalene

Concen: 40.317 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136350.D

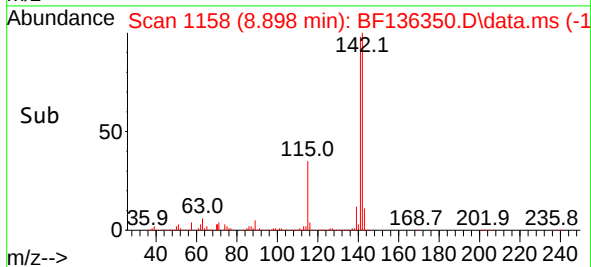
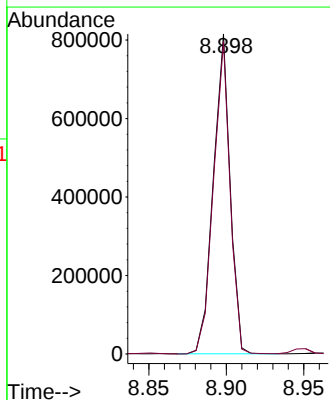
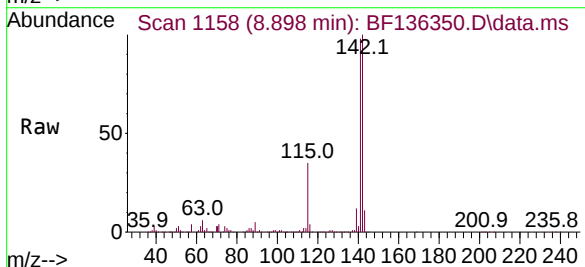
Acq: 01 Dec 2023 21:48

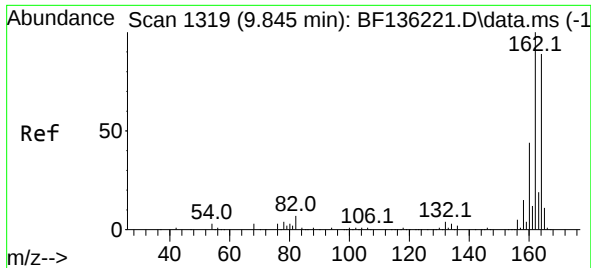
Tgt Ion:142 Resp: 613207

Ion Ratio Lower Upper

142 100

141 97.7 83.8 125.6

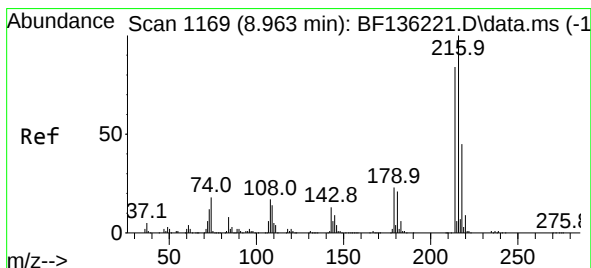
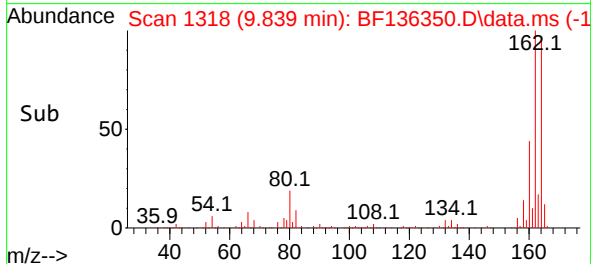
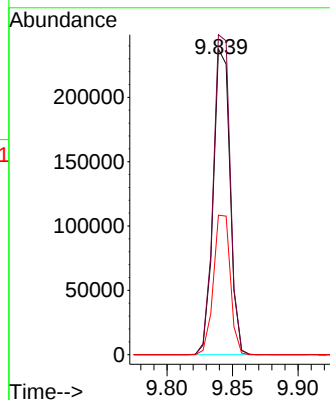
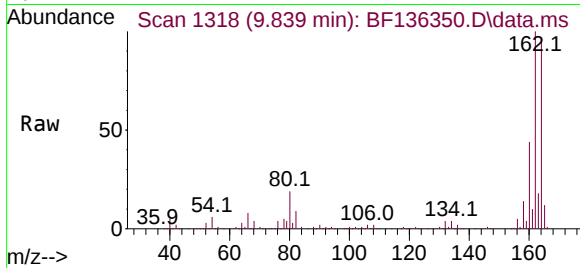




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

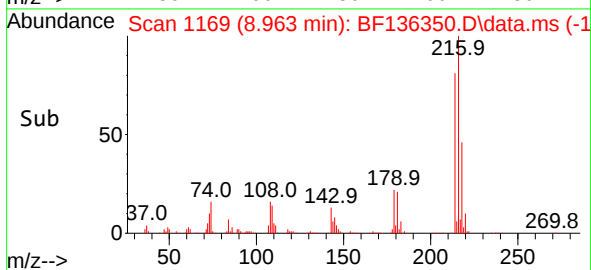
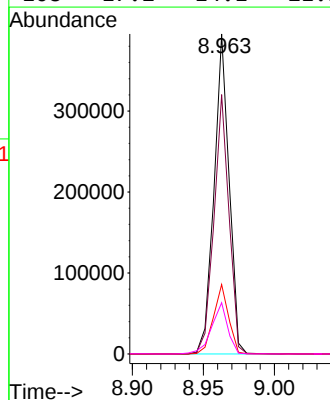
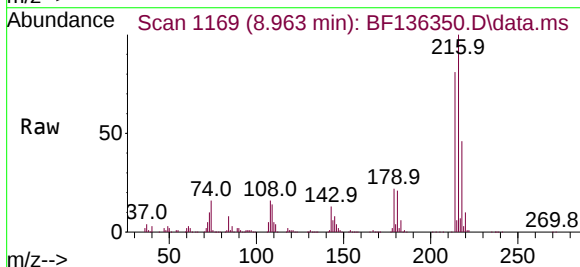
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

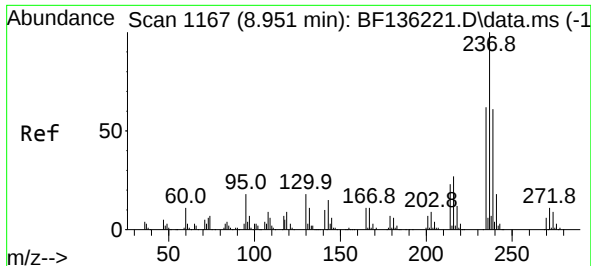
Tgt Ion:164 Resp: 210775
Ion Ratio Lower Upper
164 100
162 104.7 89.5 134.3
160 45.7 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.496 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:216 Resp: 291772
Ion Ratio Lower Upper
216 100
214 80.8 65.8 98.8
179 21.9 17.4 26.0
108 17.2 14.1 21.1

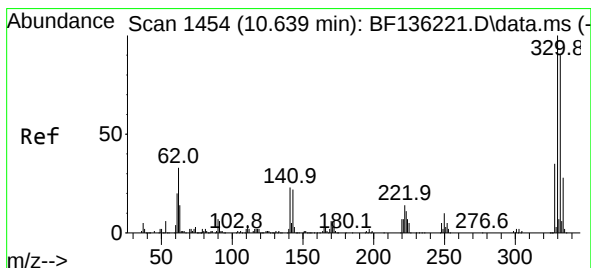
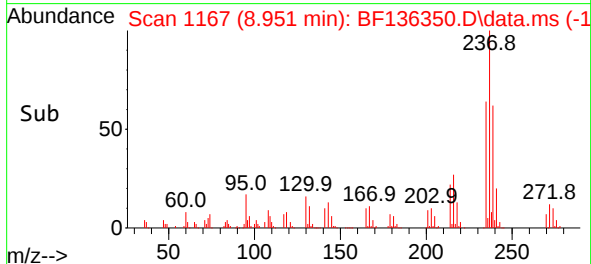
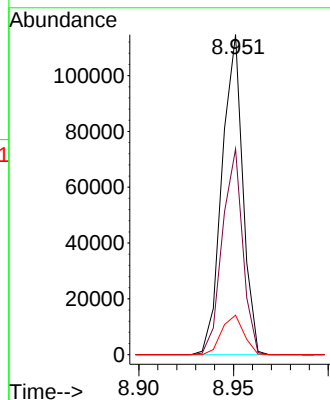
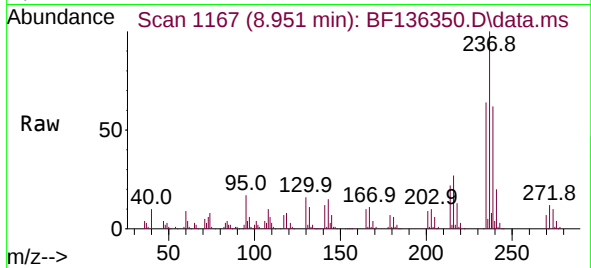




#41
Hexachlorocyclopentadiene
Concen: 33.858 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

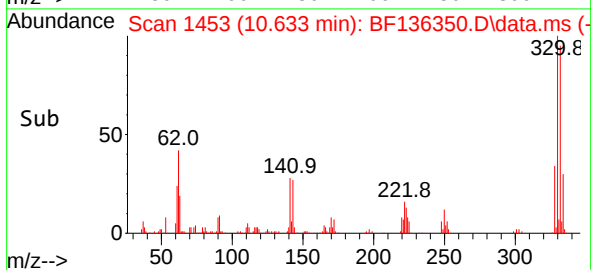
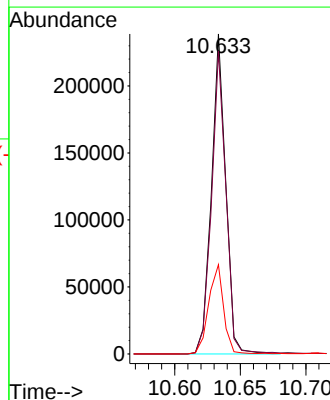
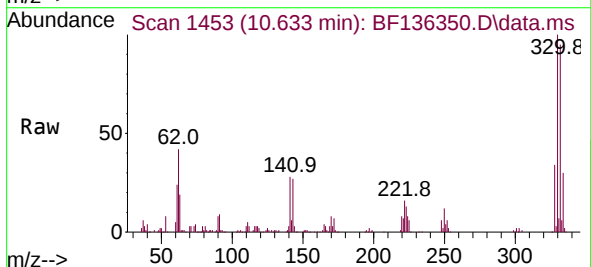
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BNA_F
ClientSampleId :
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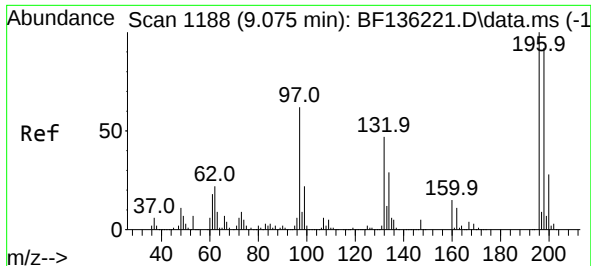
Tgt Ion:237 Resp: 87392
Ion Ratio Lower Upper
237 100
235 64.3 42.1 82.1
272 12.3 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 70.326 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:330 Resp: 181224
Ion Ratio Lower Upper
330 100
332 95.8 73.0 109.6
141 29.4 24.2 36.2

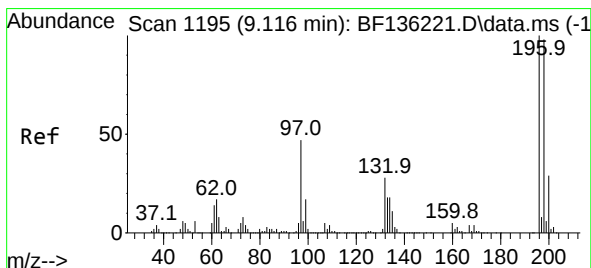
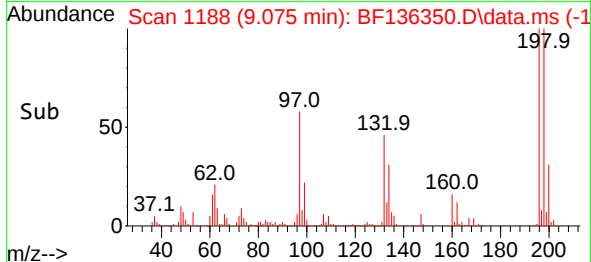
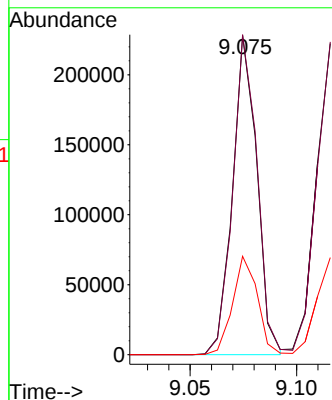
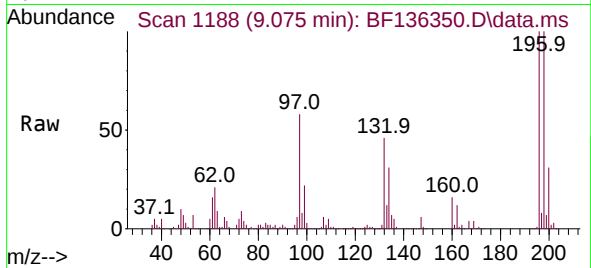




#43
2,4,6-Trichlorophenol
Concen: 41.626 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

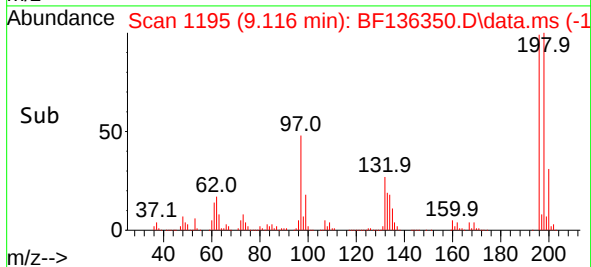
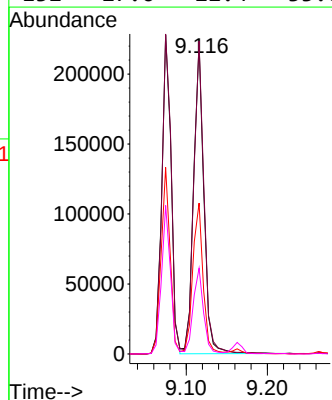
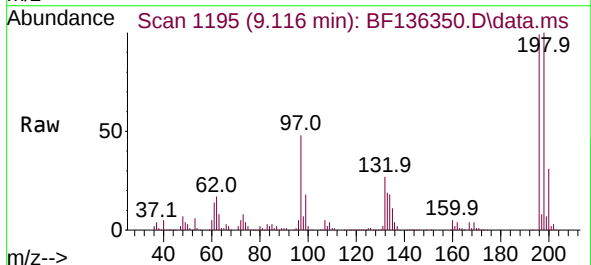
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

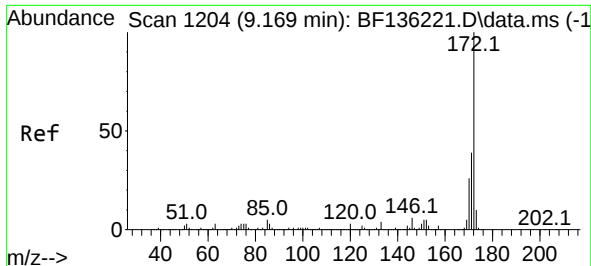
Tgt Ion:196 Resp: 181235
Ion Ratio Lower Upper
196 100
198 100.3 73.2 109.8
200 30.8 22.4 33.6



#44
2,4,5-Trichlorophenol
Concen: 41.438 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:196 Resp: 196890
Ion Ratio Lower Upper
196 100
198 100.5 78.8 118.2
97 48.5 37.8 56.8
132 27.6 22.4 33.6

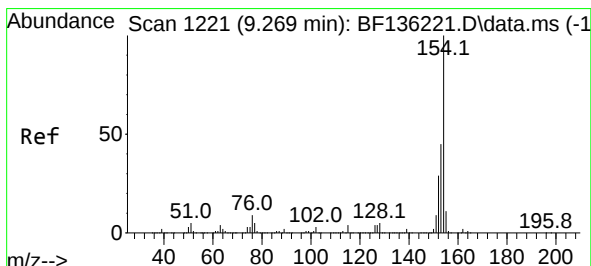
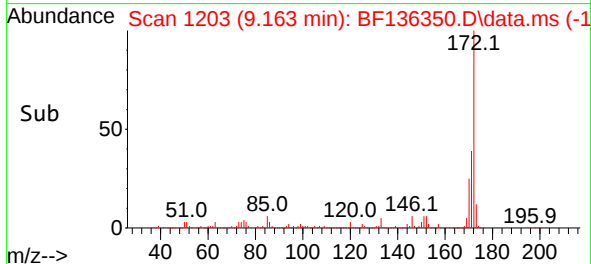
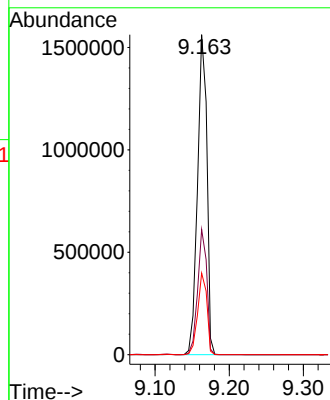
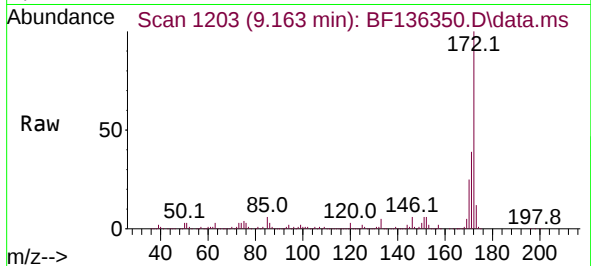




#45
2-Fluorobiphenyl
Concen: 83.088 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

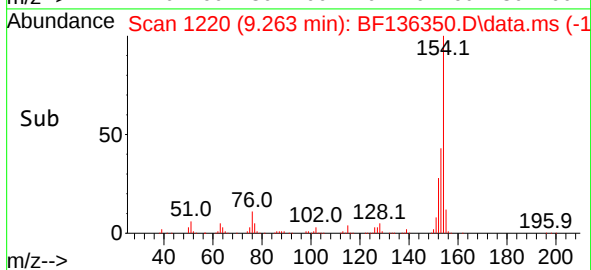
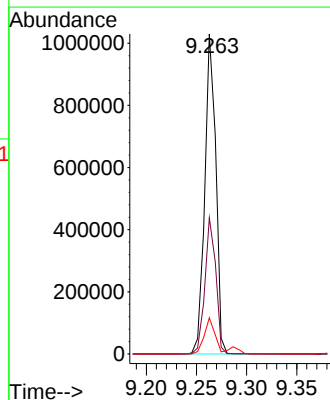
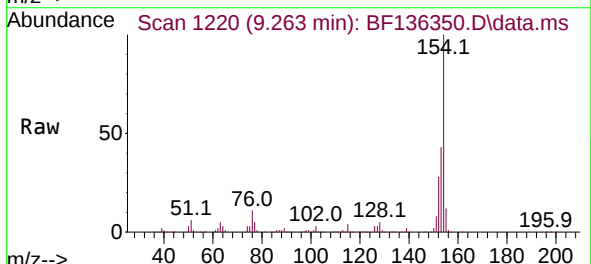
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

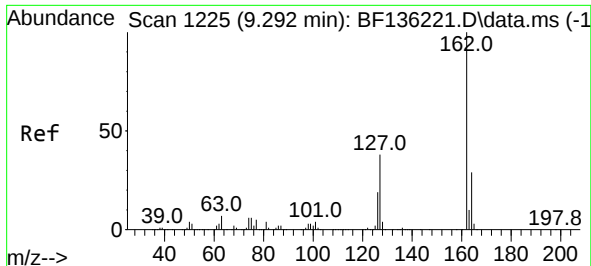
Tgt Ion:172 Resp: 1371076
Ion Ratio Lower Upper
172 100
171 39.2 31.5 47.3
170 25.5 20.8 31.2



#46
1,1'-Biphenyl
Concen: 42.432 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:154 Resp: 788695
Ion Ratio Lower Upper
154 100
153 42.6 24.6 64.6
76 11.3 0.0 29.4





#47

2-Chloronaphthalene

Concen: 42.217 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

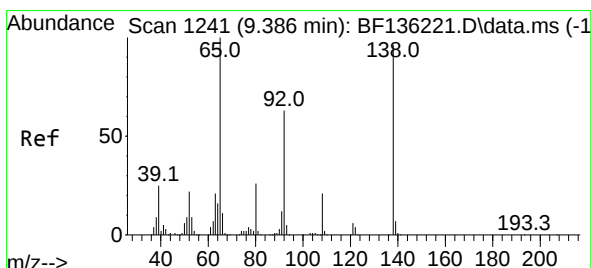
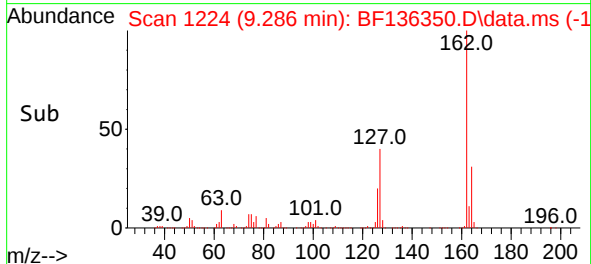
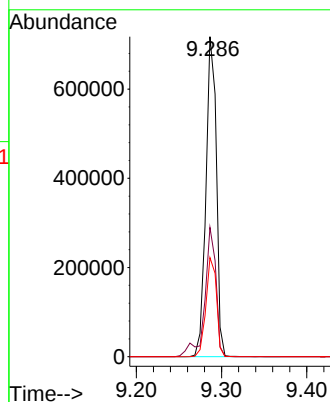
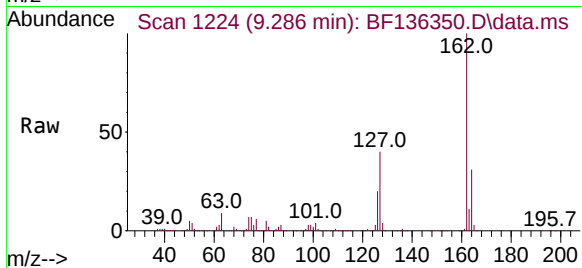
Tgt Ion:162 Resp: 609376

Ion Ratio Lower Upper

162 100

127 40.4 30.2 45.2

164 30.9 22.8 34.2



#48

2-Nitroaniline

Concen: 40.527 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

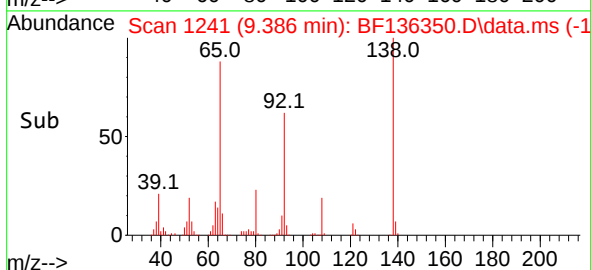
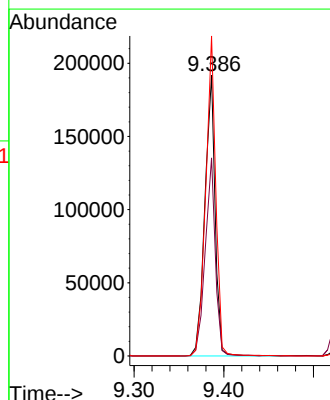
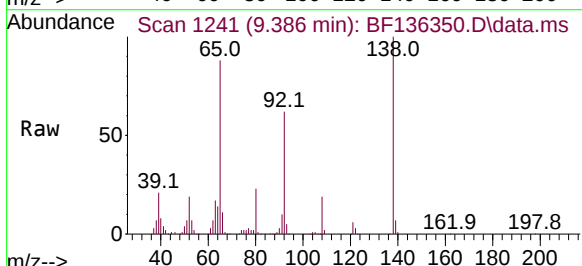
Tgt Ion: 65 Resp: 152730

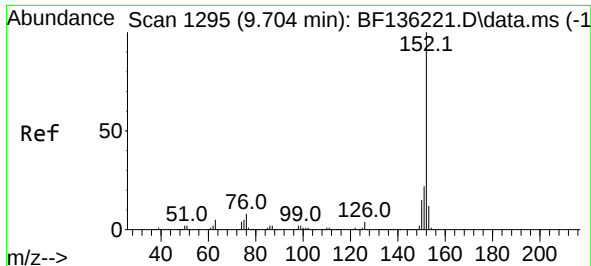
Ion Ratio Lower Upper

65 100

92 70.7 50.6 75.8

138 114.1 76.7 115.1

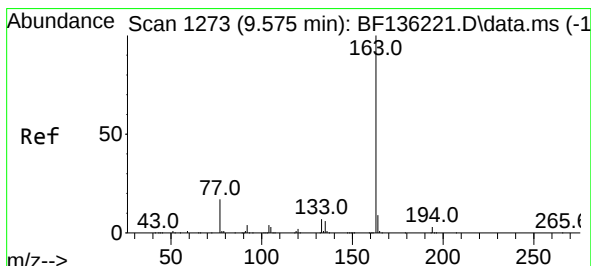
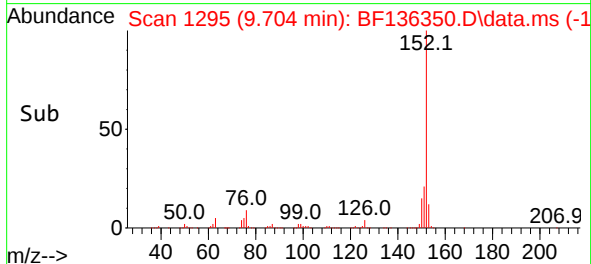
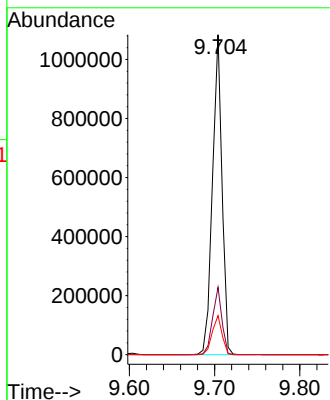
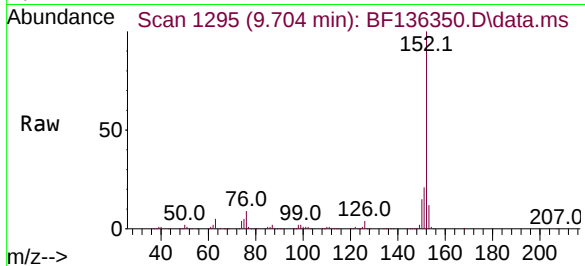




#49
Acenaphthylene
Concen: 41.032 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

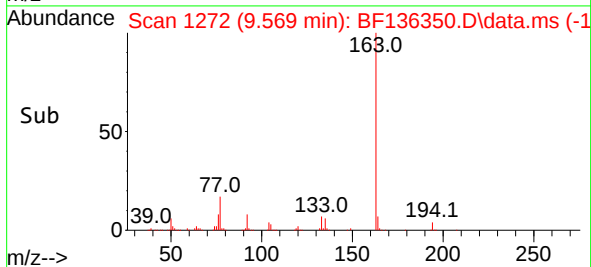
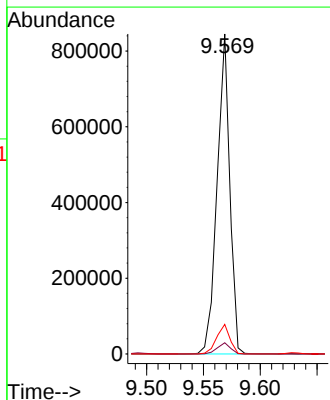
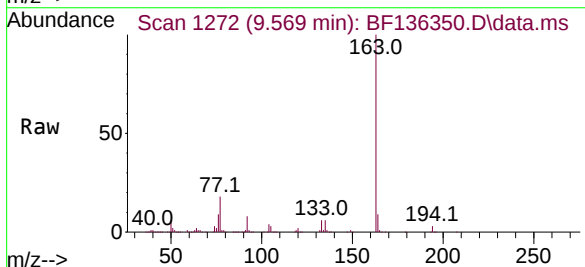
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

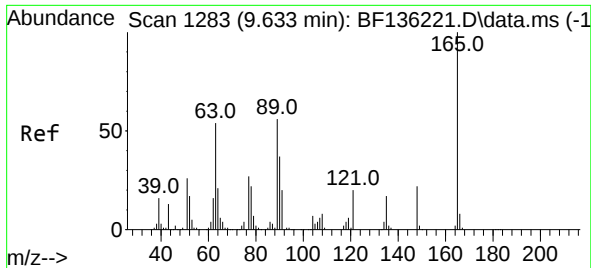
Tgt Ion:152 Resp: 845213
Ion Ratio Lower Upper
152 100
151 21.0 17.5 26.3
153 12.2 9.6 14.4



#50
Dimethylphthalate
Concen: 41.167 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:163 Resp: 655817
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 9.2 7.0 10.6

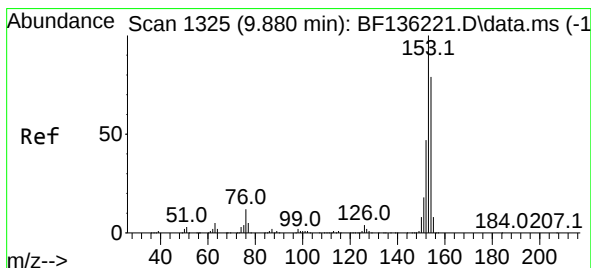
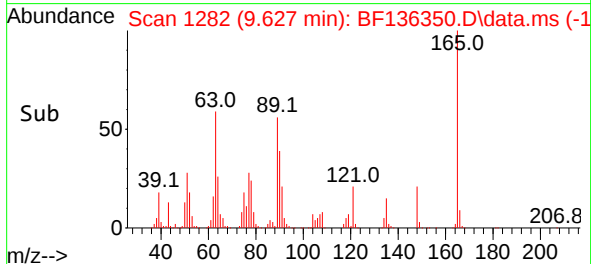
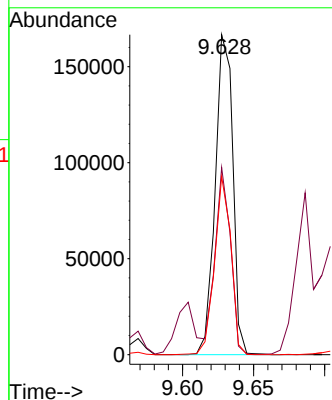
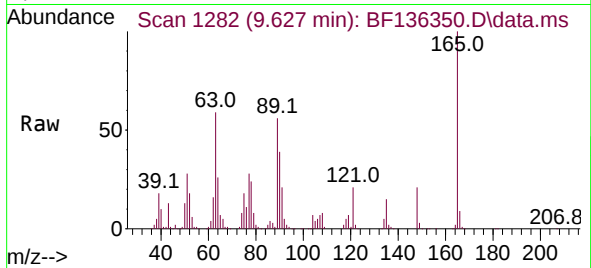




#51
2,6-Dinitrotoluene
Concen: 44.107 ng
RT: 9.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

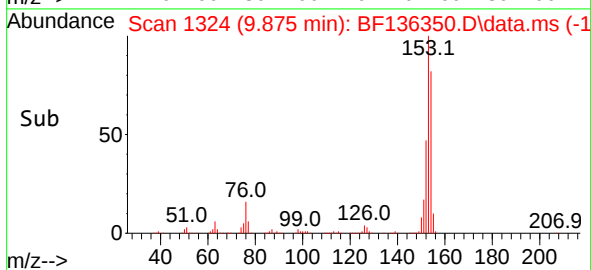
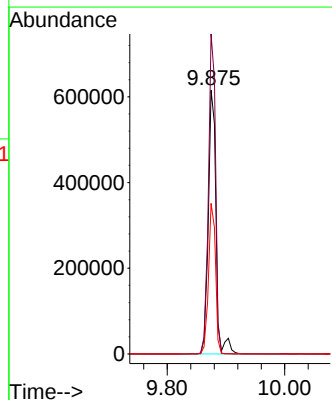
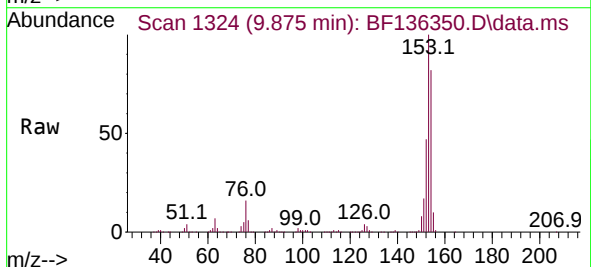
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

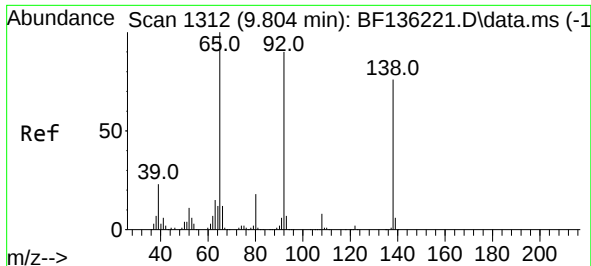
Tgt Ion:165 Resp: 143548
Ion Ratio Lower Upper
165 100
63 58.5 46.2 69.2
89 55.7 44.9 67.3



#52
Acenaphthene
Concen: 42.892 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:154 Resp: 558349
Ion Ratio Lower Upper
154 100
153 121.3 100.8 151.2
152 57.1 47.0 70.6

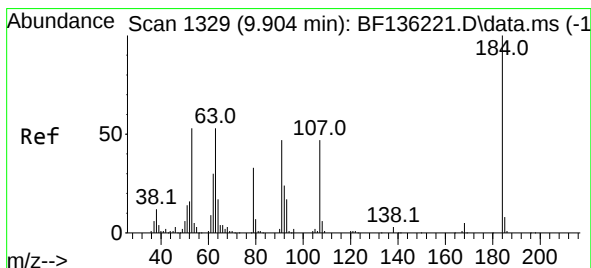
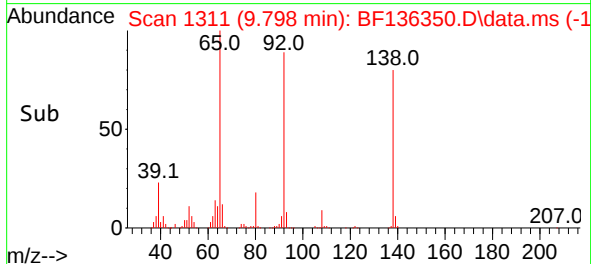
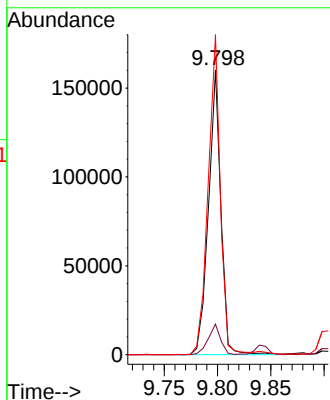
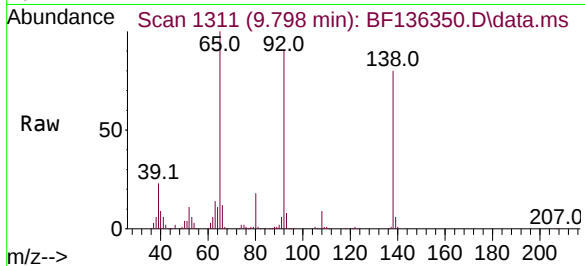




#53
3-Nitroaniline
Concen: 40.300 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

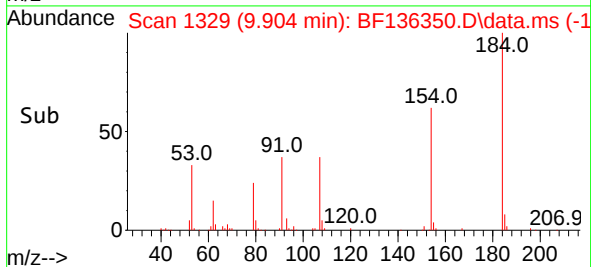
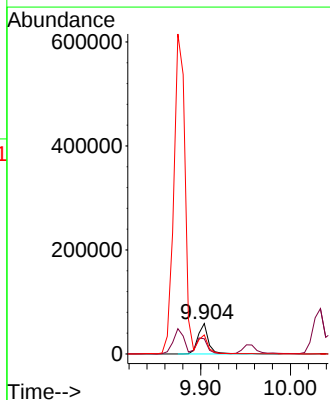
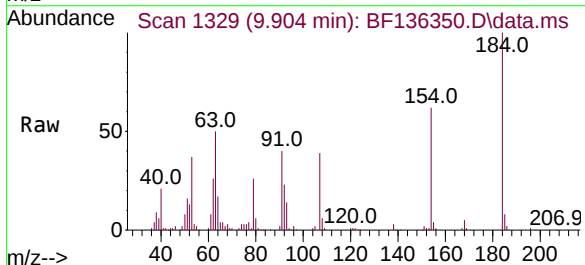
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

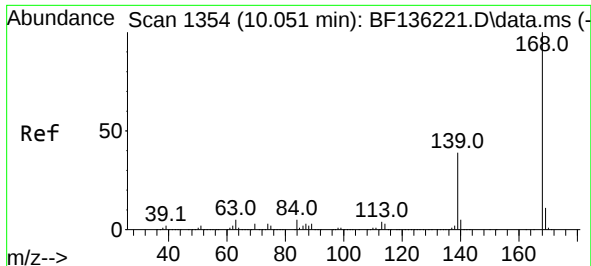
Tgt Ion:138 Resp: 130140
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 112.4 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 31.721 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:184 Resp: 48014
Ion Ratio Lower Upper
184 100
63 50.0 55.0 82.4#
154 62.4 54.9 82.3

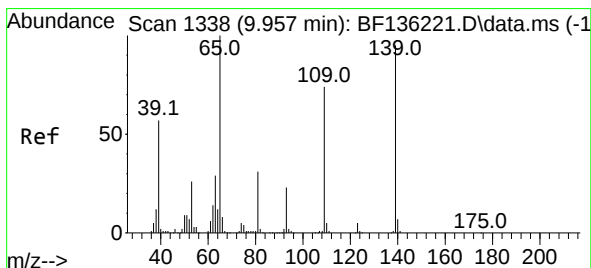
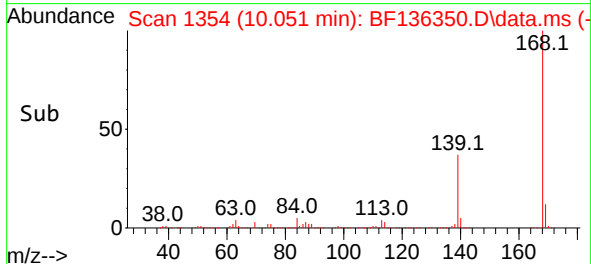
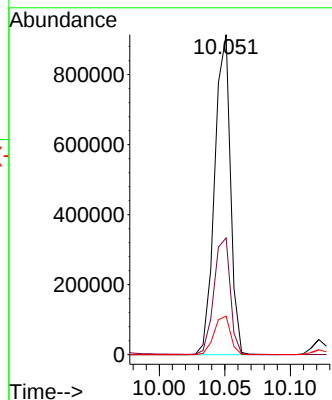
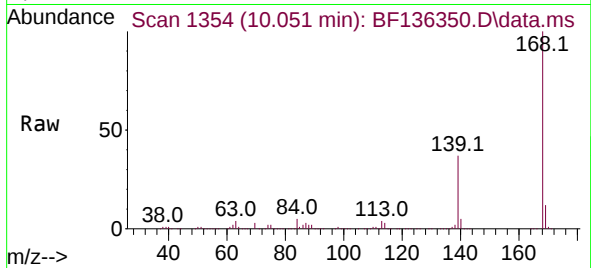




#55
Dibenzofuran
Concen: 39.419 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

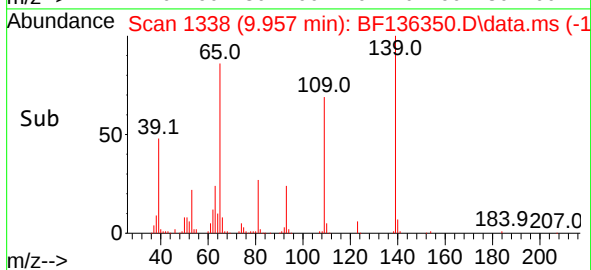
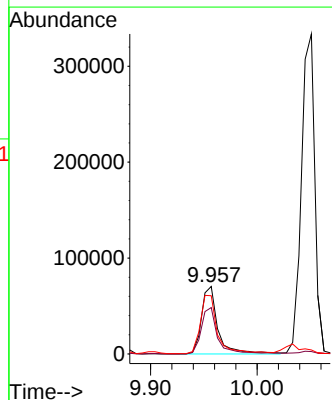
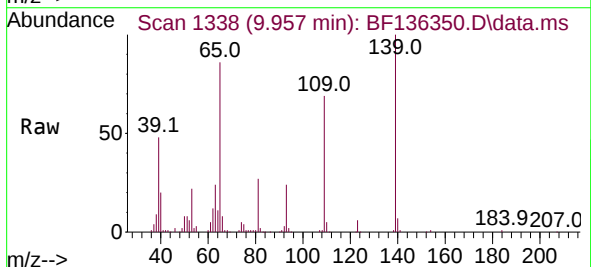
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

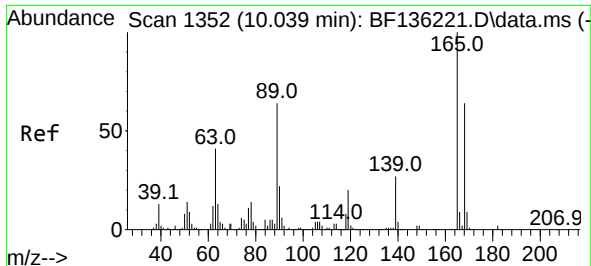
Tgt Ion:168 Resp: 763564
Ion Ratio Lower Upper
168 100
139 36.5 30.9 46.3
169 12.1 9.1 13.7



#56
4-Nitrophenol
Concen: 30.754 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:139 Resp: 75428
Ion Ratio Lower Upper
139 100
109 68.8 57.8 97.8
65 86.3 86.0 126.0

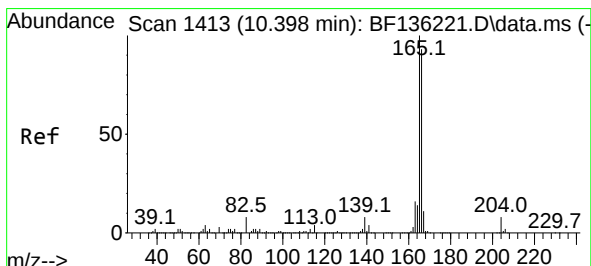
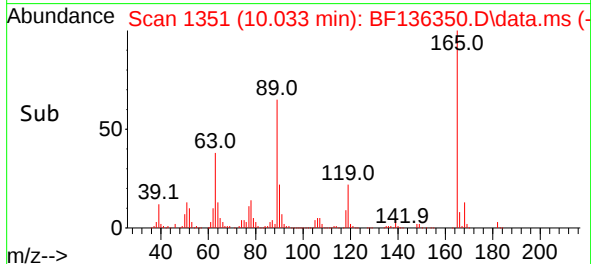
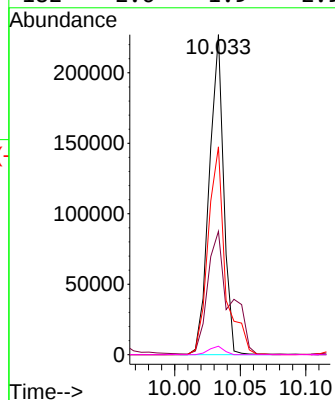
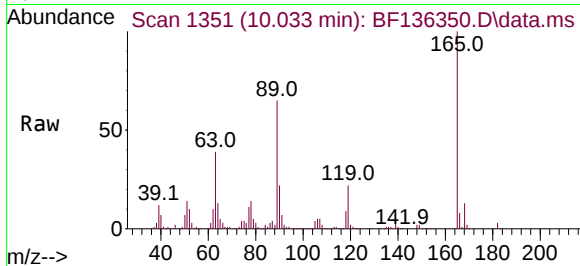




#57
2,4-Dinitrotoluene
Concen: 40.130 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

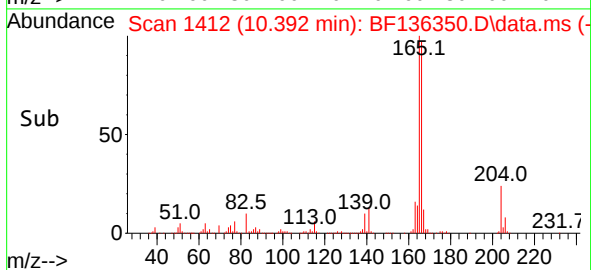
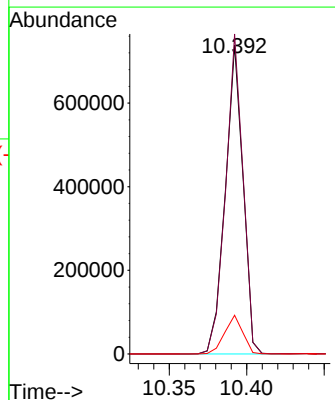
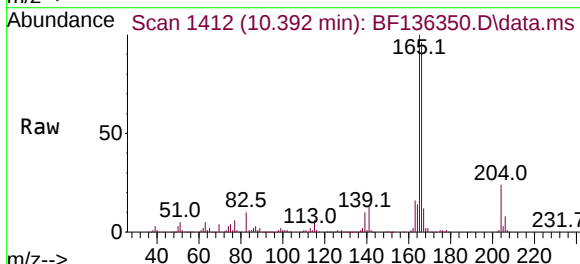
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

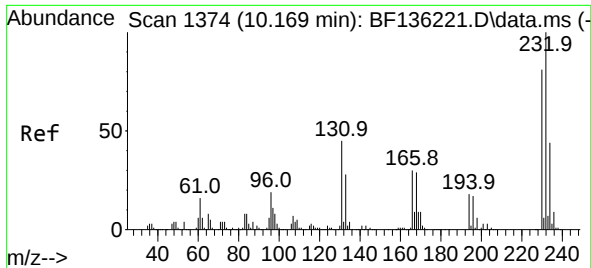
Tgt Ion:	165	Resp:	174457
Ion Ratio	Lower	Upper	
165	100		
63	38.6	33.0	49.4
89	64.9	51.5	77.3
182	2.6	1.9	2.9



#58
Fluorene
Concen: 38.726 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:	166	Resp:	588404
Ion Ratio	Lower	Upper	
166	100		
165	103.6	86.2	129.4
167	12.5	9.1	13.7

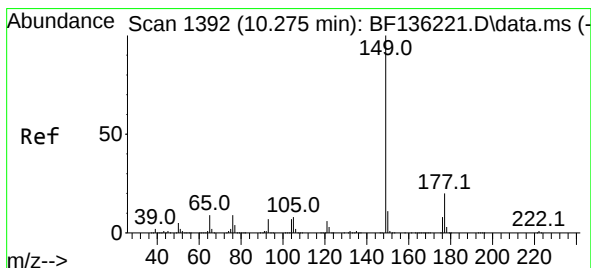
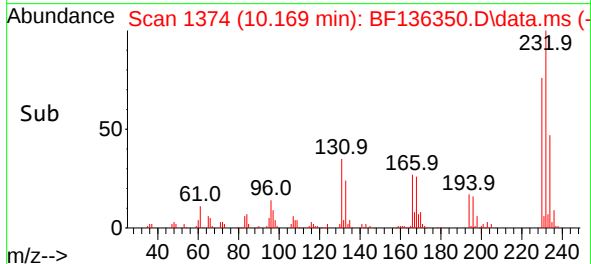
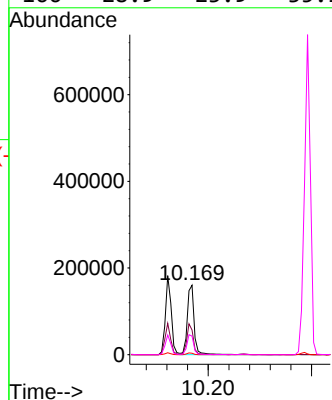
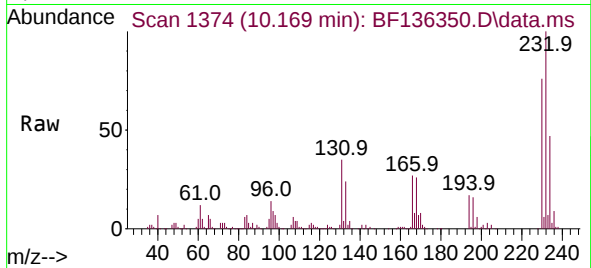




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.832 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

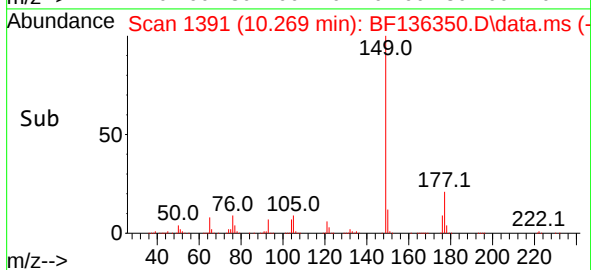
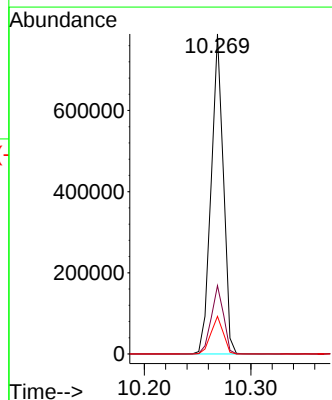
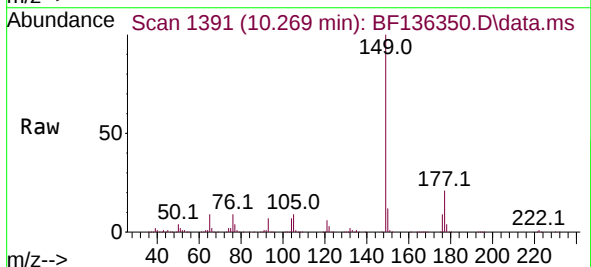
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

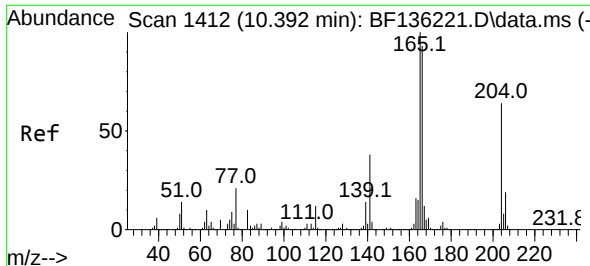
Tgt Ion:232 Resp: 146804
Ion Ratio Lower Upper
232 100
131 42.1 36.4 54.6
130 2.4 1.9 2.9
166 28.9 23.9 35.9



#60
Diethylphthalate
Concen: 39.458 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:149 Resp: 628796
Ion Ratio Lower Upper
149 100
177 21.4 15.8 23.6
150 11.8 8.8 13.2

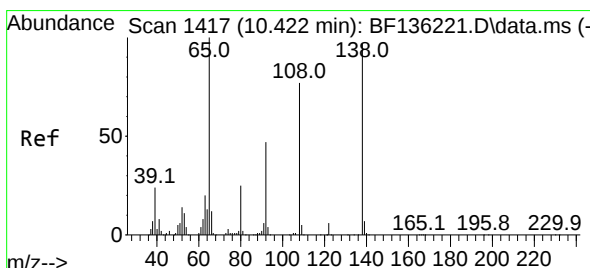
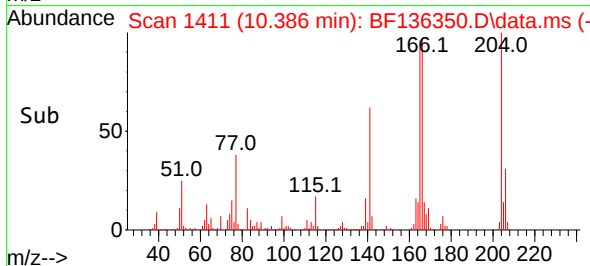
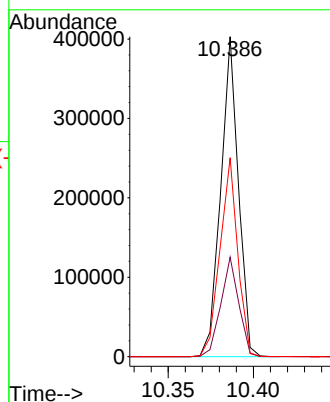
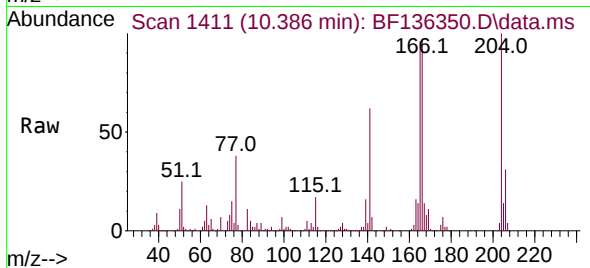




#61
4-Chlorophenyl-phenylether
Concen: 39.496 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

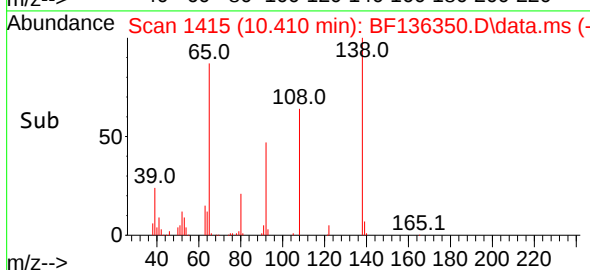
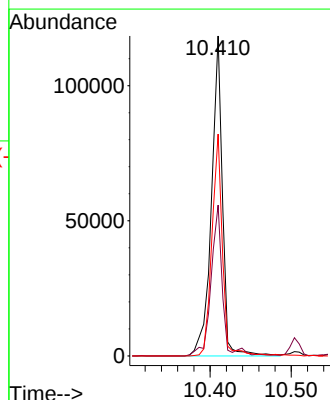
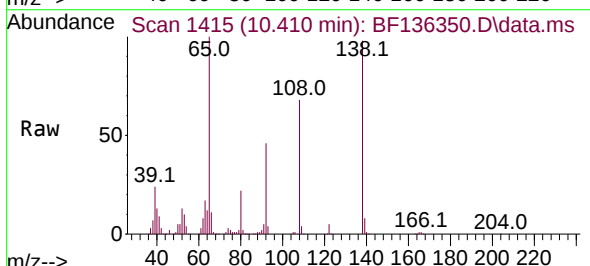
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

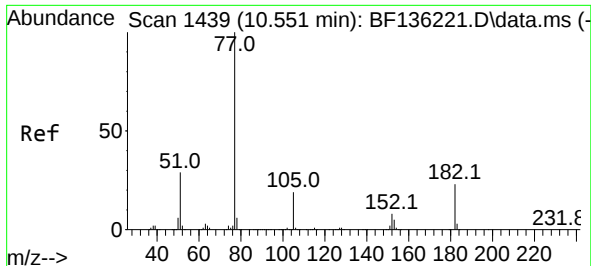
Tgt Ion:204 Resp: 291429
Ion Ratio Lower Upper
204 100
206 31.1 23.4 35.0
141 62.2 47.6 71.4



#62
4-Nitroaniline
Concen: 35.268 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:138 Resp: 111479
Ion Ratio Lower Upper
138 100
92 47.2 28.5 68.5
108 69.4 59.8 99.8

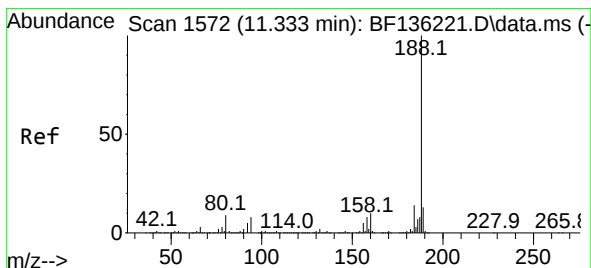
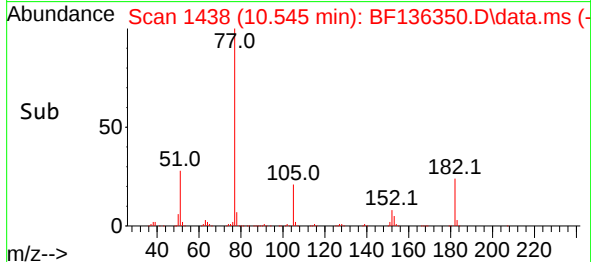
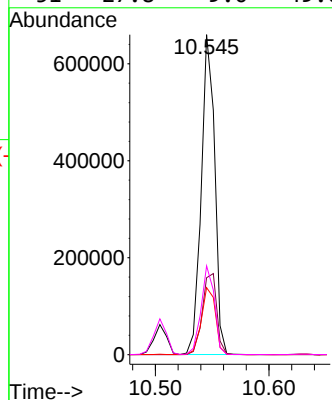
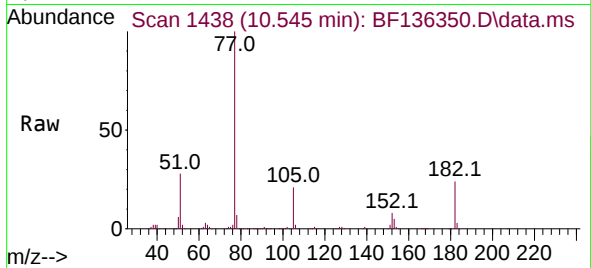




#63
Azobenzene
Concen: 36.801 ng
RT: 10.545 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

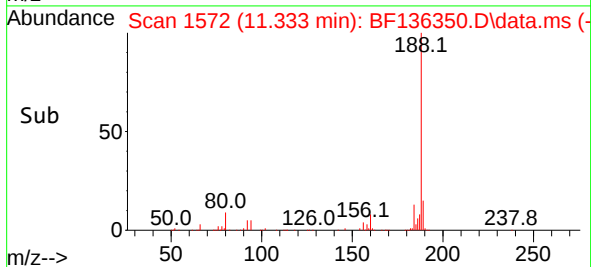
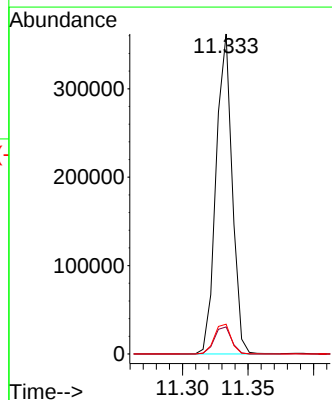
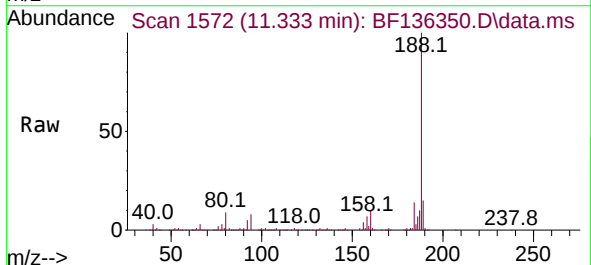
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

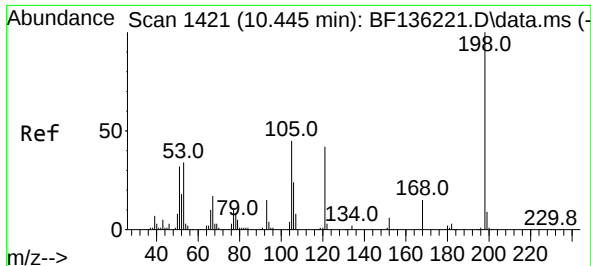
Tgt Ion:	77	Resp:	543679
Ion	Ratio	Lower	Upper
77	100		
182	24.1	3.3	43.3
105	21.0	0.0	39.5
51	27.8	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:	188	Resp:	308938
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.3	7.2	10.8

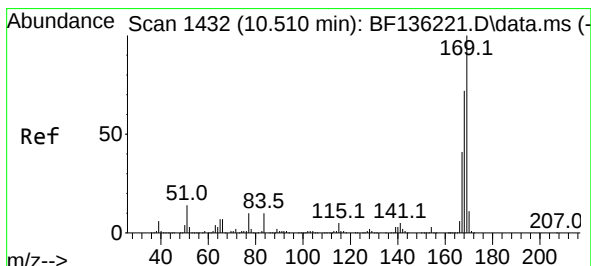
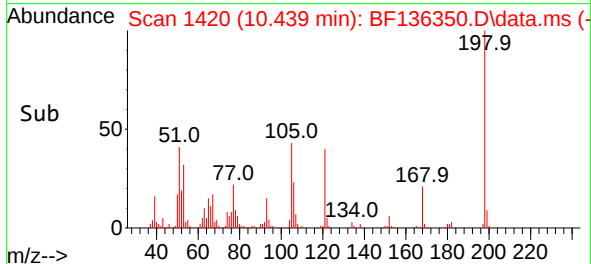
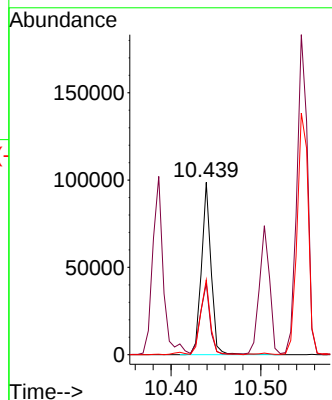
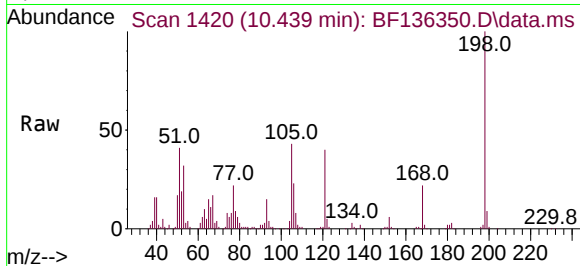




#65
4,6-Dinitro-2-methylphenol
Concen: 43.314 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

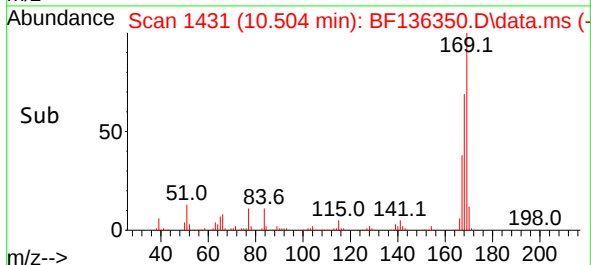
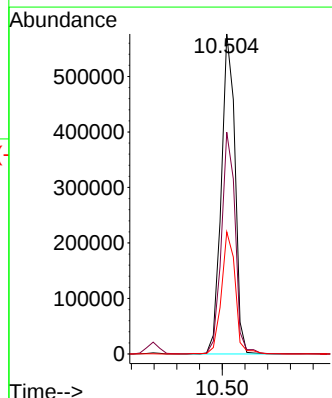
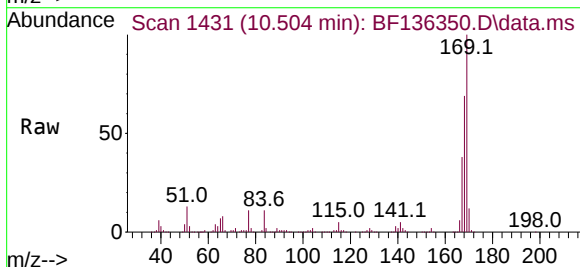
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

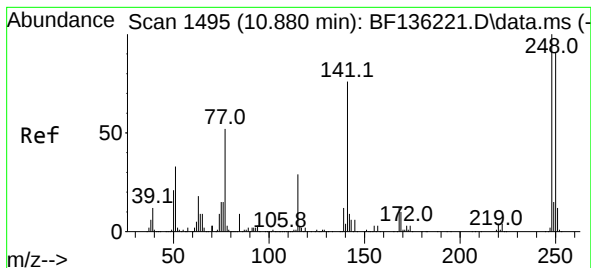
Tgt Ion:198 Resp: 73176
Ion Ratio Lower Upper
198 100
51 41.3 28.2 68.2
105 43.3 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 48.937 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:169 Resp: 484491
Ion Ratio Lower Upper
169 100
168 69.3 57.8 86.6
167 38.2 32.7 49.1

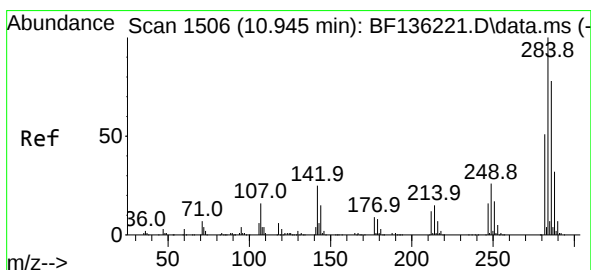
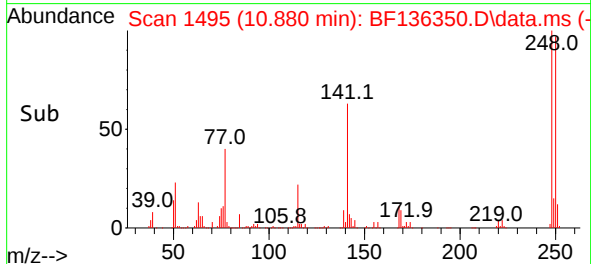
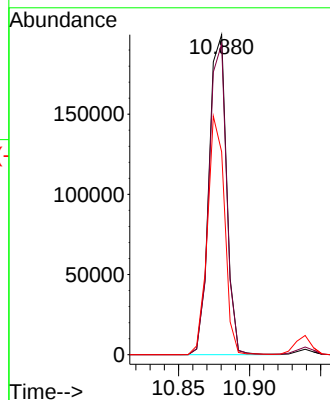
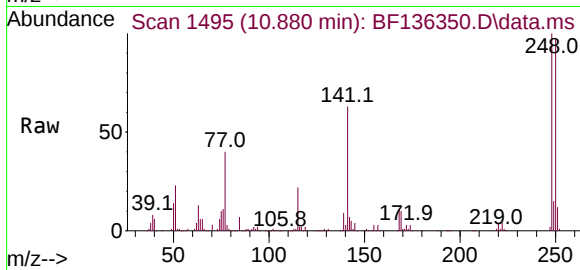




#67
4-Bromophenyl-phenylether
Concen: 47.470 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

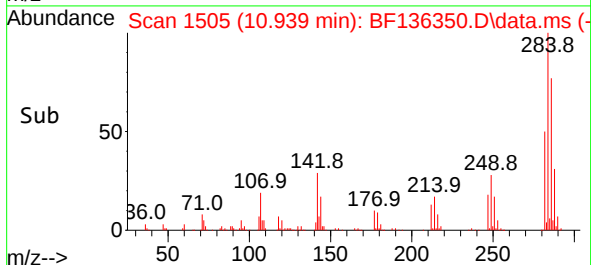
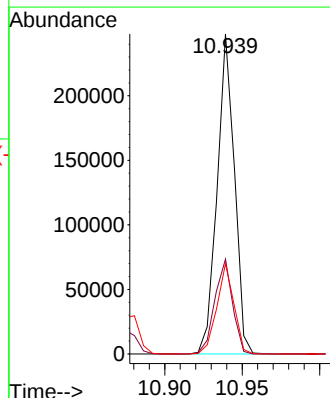
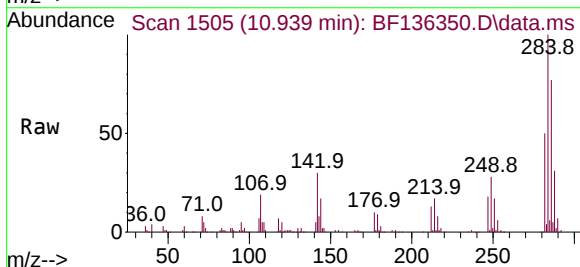
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

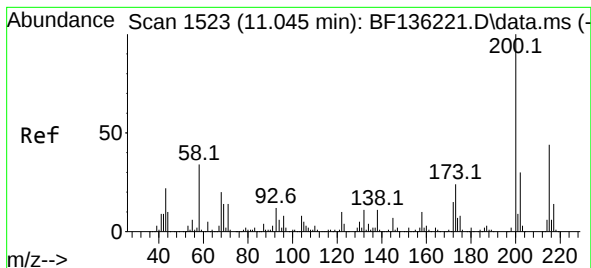
Tgt Ion:248 Resp: 171094
Ion Ratio Lower Upper
248 100
250 97.1 72.5 108.7
141 63.4 60.8 91.2



#68
Hexachlorobenzene
Concen: 46.049 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:284 Resp: 192092
Ion Ratio Lower Upper
284 100
142 29.6 19.8 29.8
249 28.3 21.0 31.4





#69

Atrazine

Concen: 40.782 ng

RT: 11.033 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

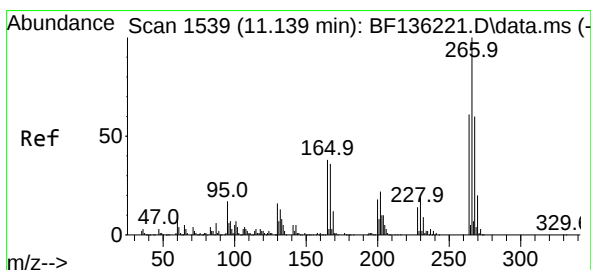
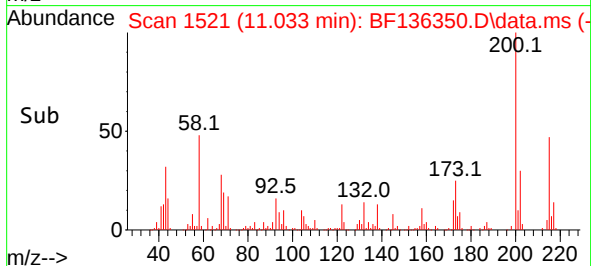
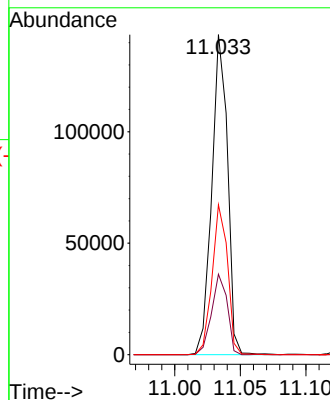
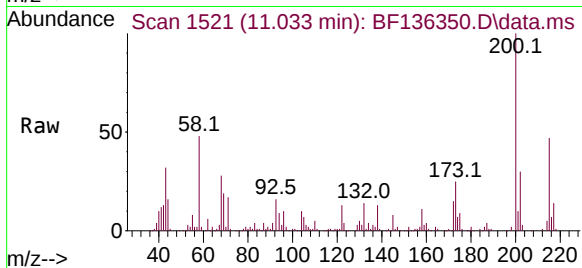
Tgt Ion:200 Resp: 119771

Ion Ratio Lower Upper

200 100

173 25.2 4.3 44.3

215 46.8 23.8 63.8



#70

Pentachlorophenol

Concen: 37.526 ng

RT: 11.133 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

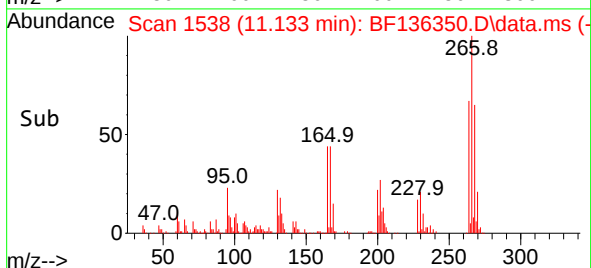
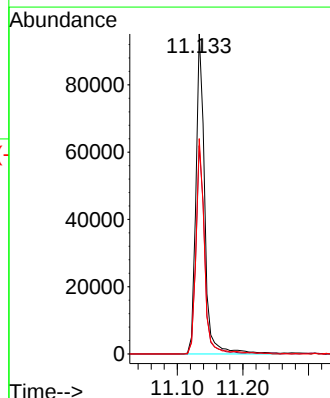
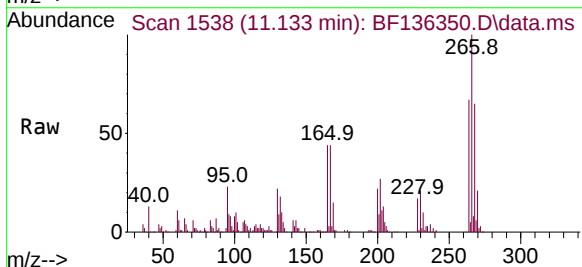
Tgt Ion:266 Resp: 88485

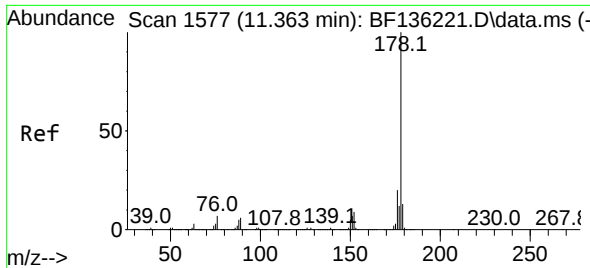
Ion Ratio Lower Upper

266 100

268 65.1 47.9 71.9

264 67.3 49.1 73.7

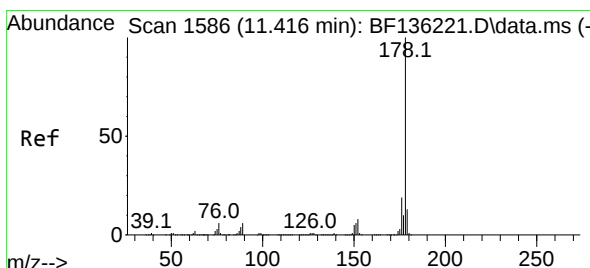
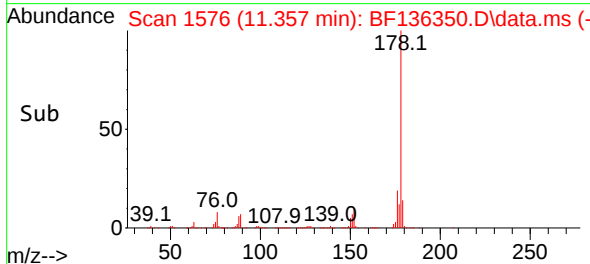
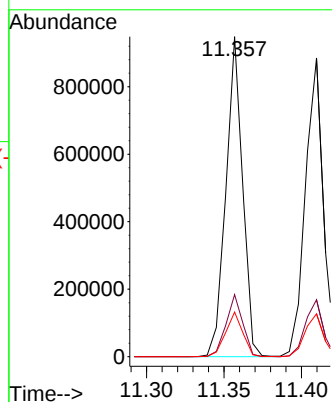
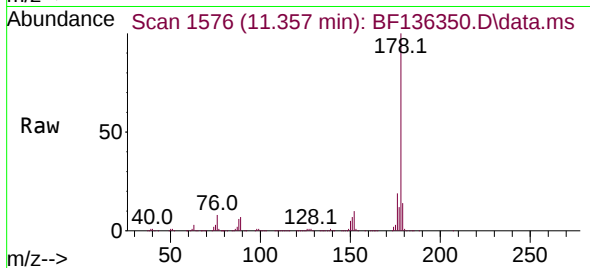




#71
Phenanthrene
Concen: 40.961 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

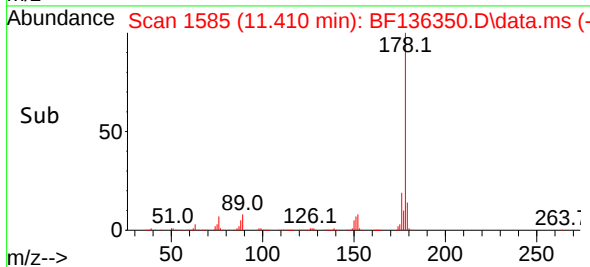
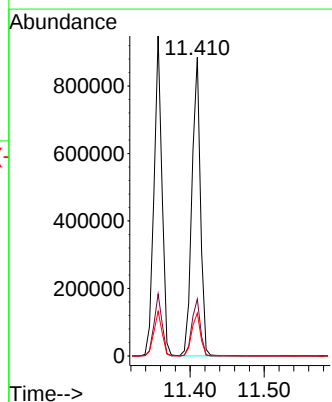
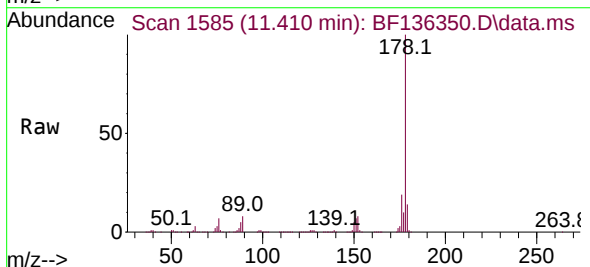
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

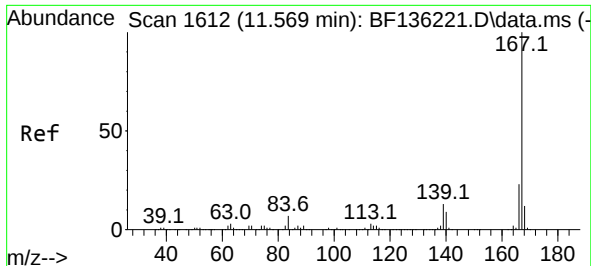
Tgt Ion:178 Resp: 711240
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.2
179 14.0 10.3 15.5



#72
Anthracene
Concen: 40.676 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:178 Resp: 708275
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 14.4 10.5 15.7

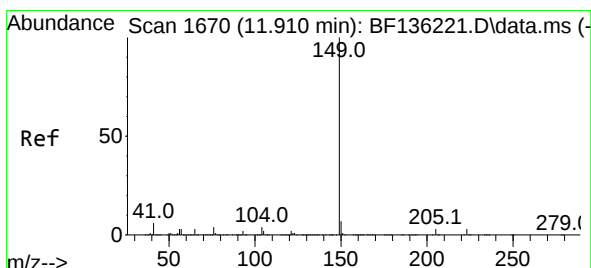
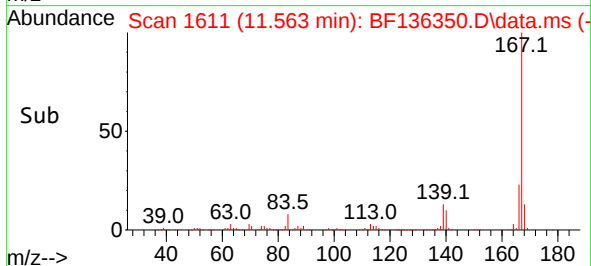
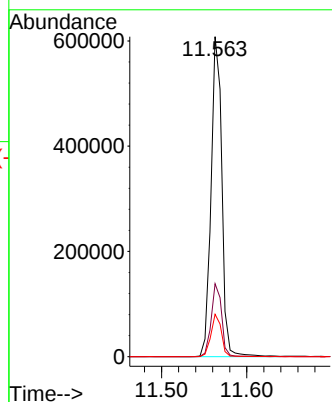
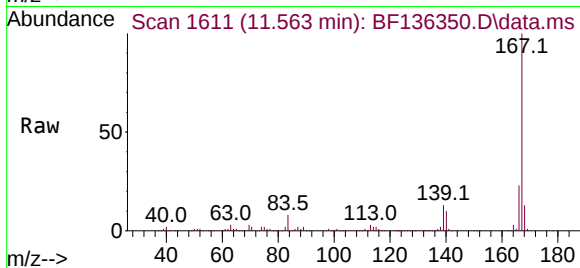




#73
 Carbazole
 Concen: 36.125 ng
 RT: 11.563 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136350.D
 Acq: 01 Dec 2023 21:48

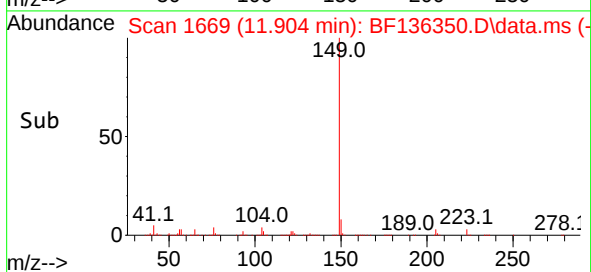
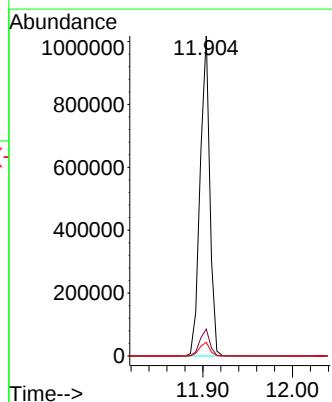
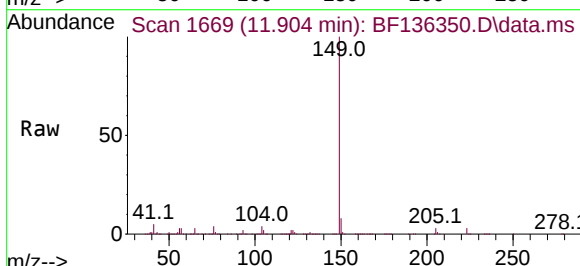
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

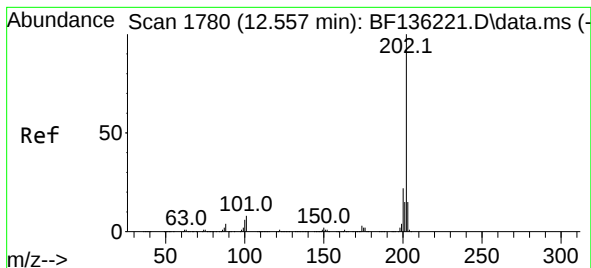
Tgt Ion:167 Resp: 535001
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.4 27.6
 139 13.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 40.919 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136350.D
 Acq: 01 Dec 2023 21:48

Tgt Ion:149 Resp: 758233
 Ion Ratio Lower Upper
 149 100
 150 8.4 6.0 9.0
 104 4.2 3.5 5.3





#75

Fluoranthene

Concen: 32.713 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

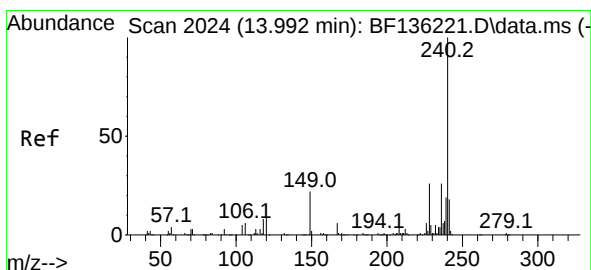
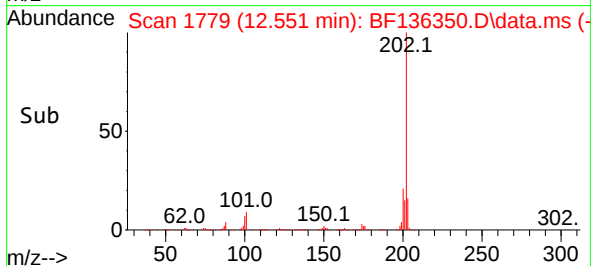
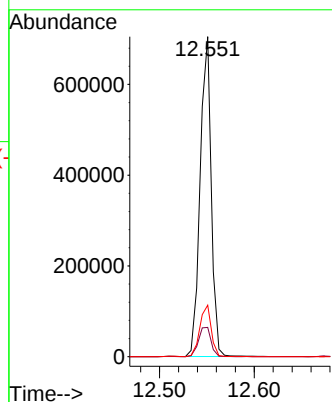
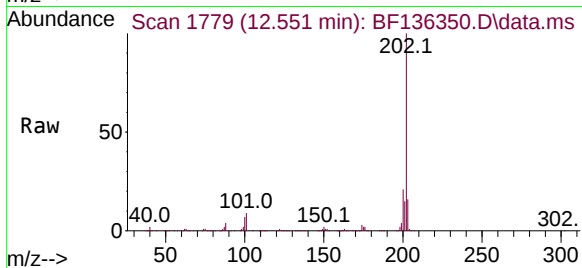
Tgt Ion:202 Resp: 576628

Ion Ratio Lower Upper

202 100

101 9.2 0.0 27.8

203 16.1 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

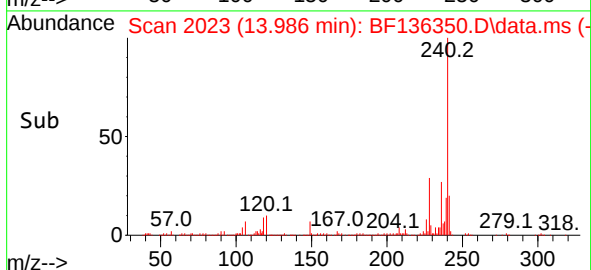
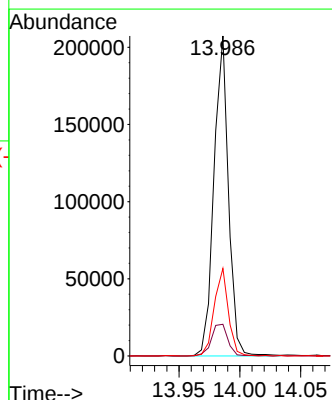
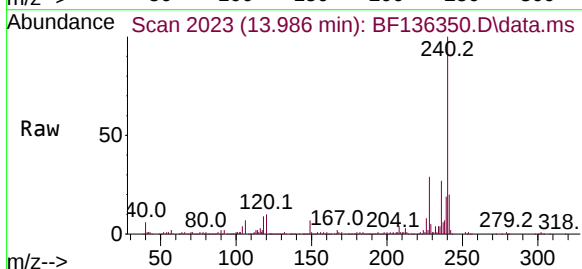
Tgt Ion:240 Resp: 171803

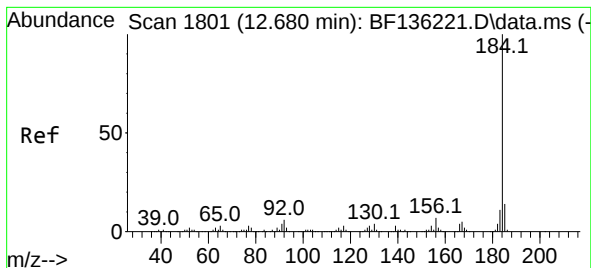
Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.2

236 27.4 21.1 31.7





#77

Benzidine

Concen: 64.085 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

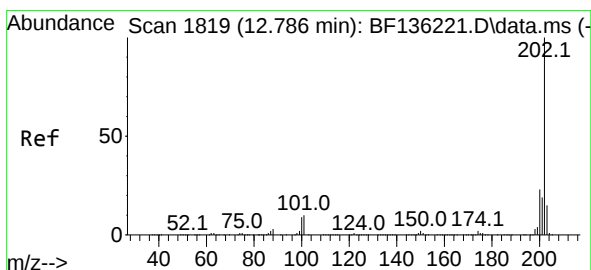
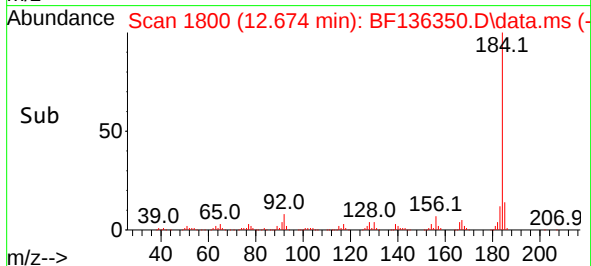
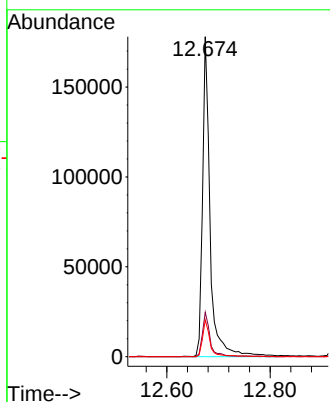
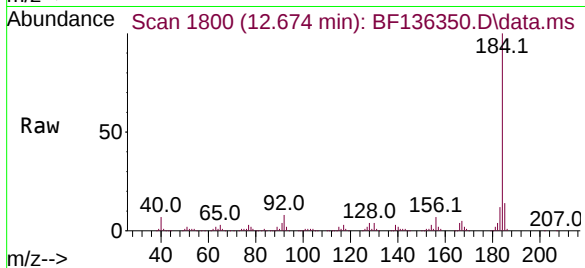
Tgt Ion:184 Resp: 180985

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.6

183 11.5 9.0 13.4



#78

Pyrene

Concen: 30.877 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

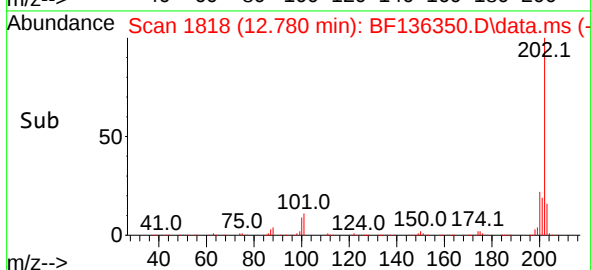
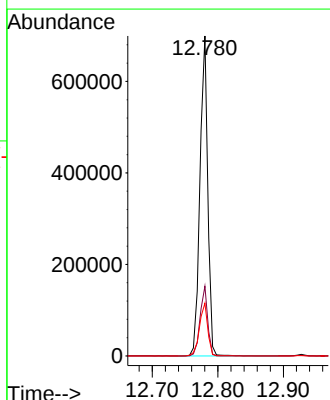
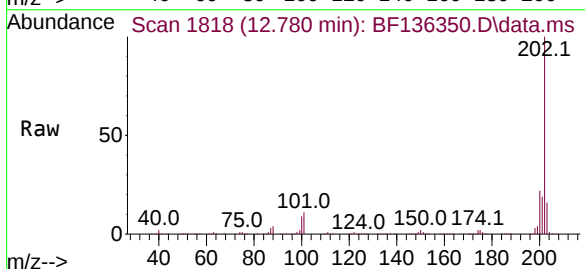
Tgt Ion:202 Resp: 580971

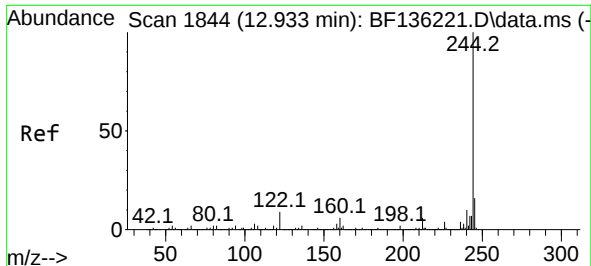
Ion Ratio Lower Upper

202 100

200 21.8 18.4 27.6

203 16.5 11.8 17.6

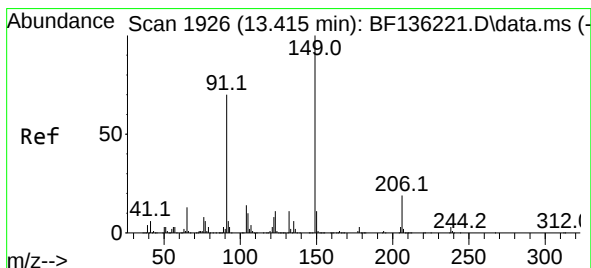
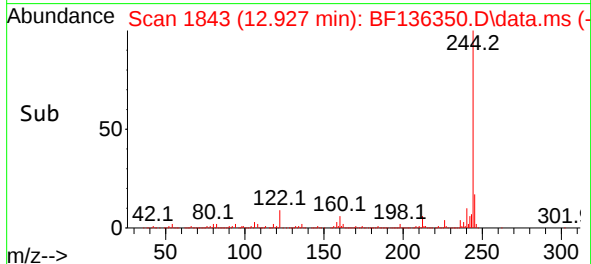
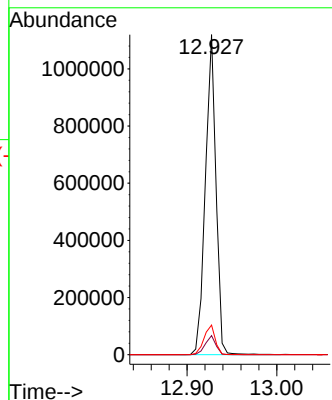
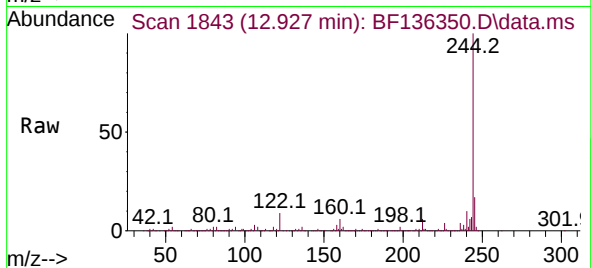




#79
 Terphenyl-d14
 Concen: 61.627 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136350.D
 Acq: 01 Dec 2023 21:48

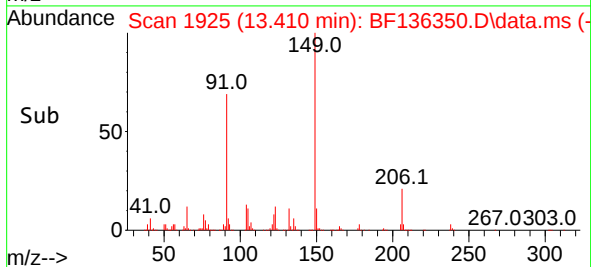
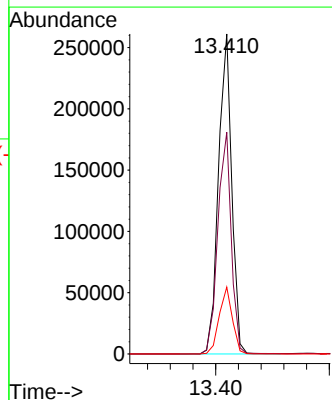
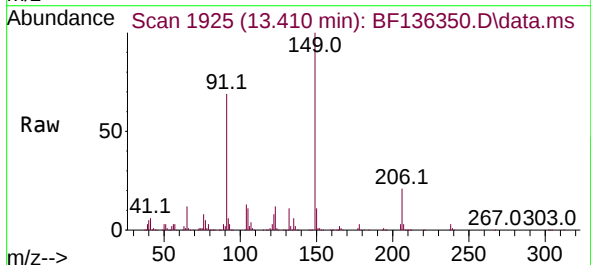
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

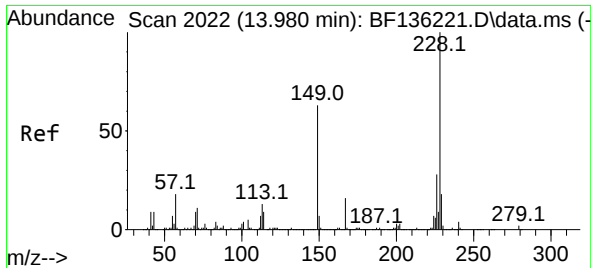
Tgt Ion:244 Resp: 917890
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 9.3 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 36.196 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136350.D
 Acq: 01 Dec 2023 21:48

Tgt Ion:149 Resp: 211956
 Ion Ratio Lower Upper
 149 100
 91 69.3 56.4 84.6
 206 20.9 14.8 22.2

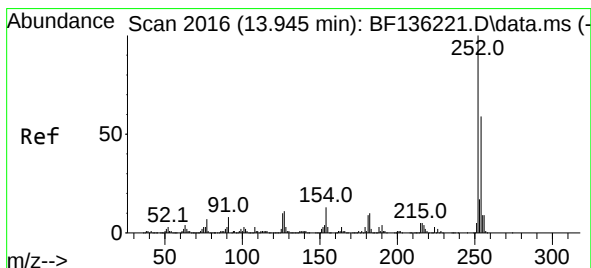
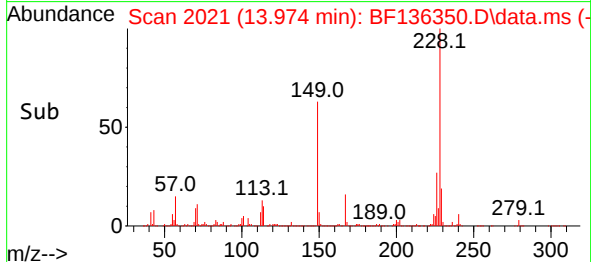
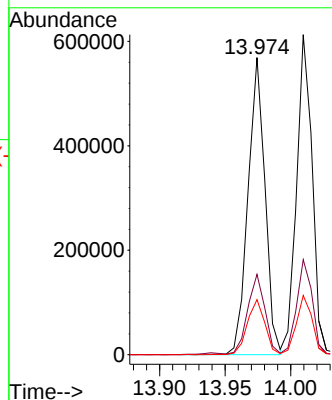
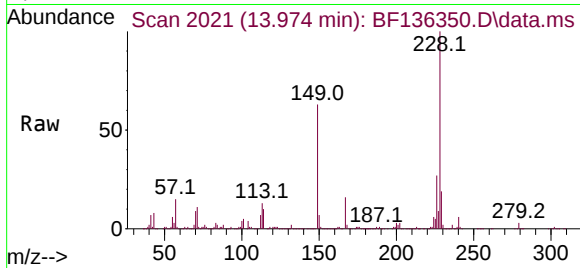




#81
Benzo(a)anthracene
Concen: 40.170 ng
RT: 13.974 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

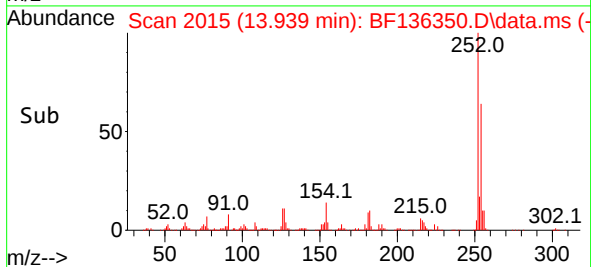
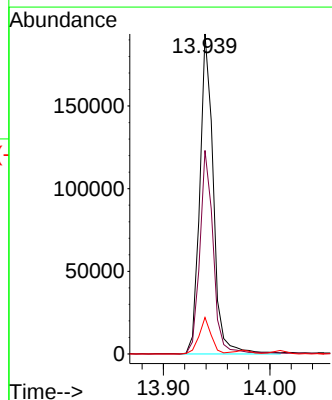
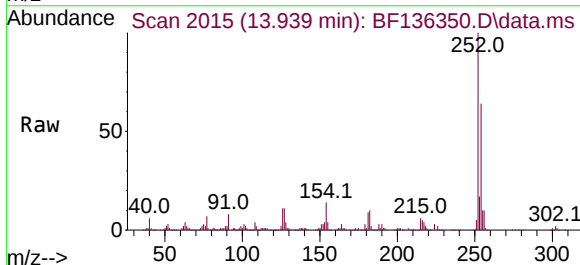
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

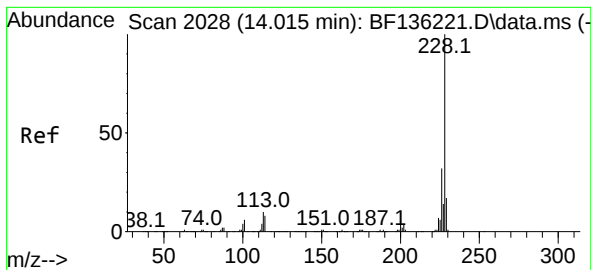
Tgt Ion:228 Resp: 512610
Ion Ratio Lower Upper
228 100
226 27.0 22.6 34.0
229 18.5 14.0 21.0



#82
3,3'-Dichlorobenzidine
Concen: 55.868 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:252 Resp: 171613
Ion Ratio Lower Upper
252 100
254 63.6 47.4 71.2
126 11.4 8.3 12.5





#83

Chrysene

Concen: 41.213 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

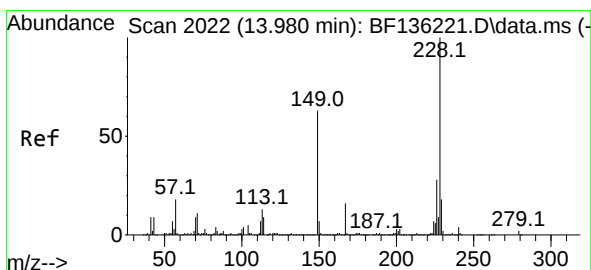
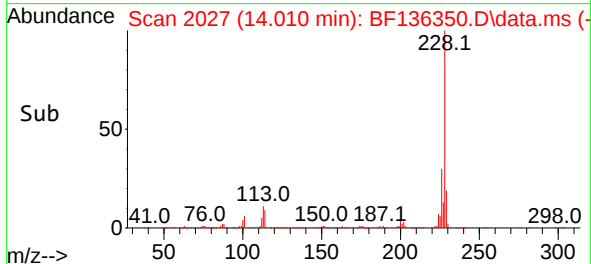
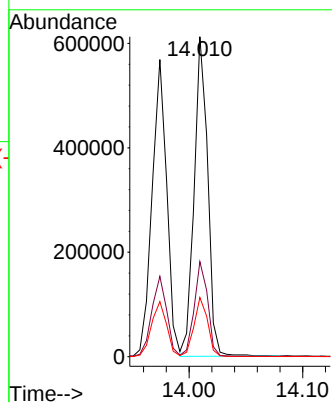
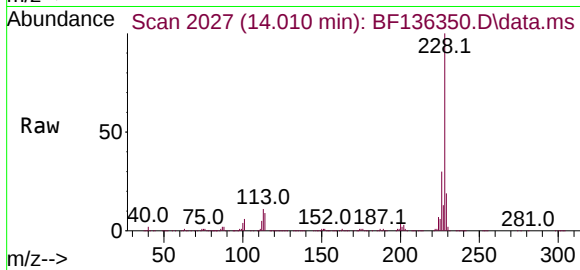
Tgt Ion:228 Resp: 507799

Ion Ratio Lower Upper

228 100

226 29.7 25.5 38.3

229 18.5 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.939 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

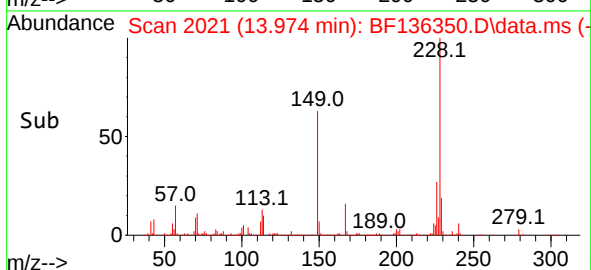
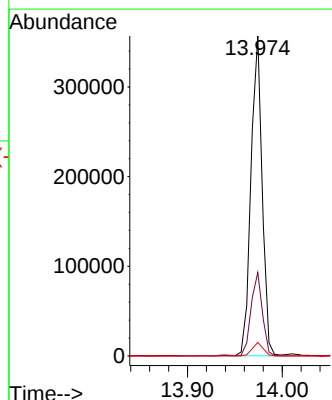
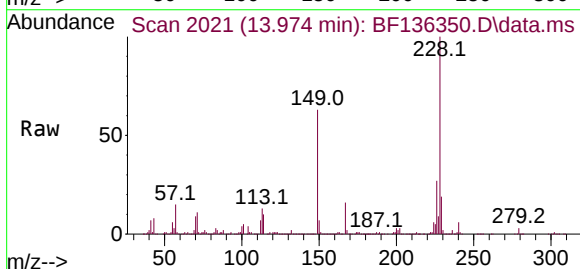
Tgt Ion:149 Resp: 294732

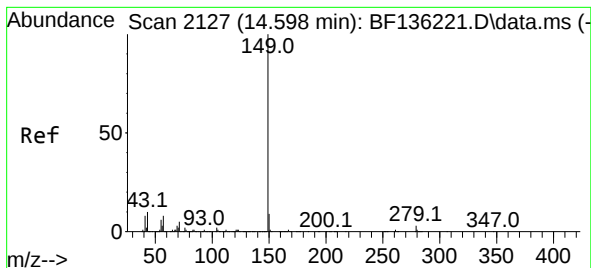
Ion Ratio Lower Upper

149 100

167 26.1 20.2 30.2

279 4.2 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 52.354 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

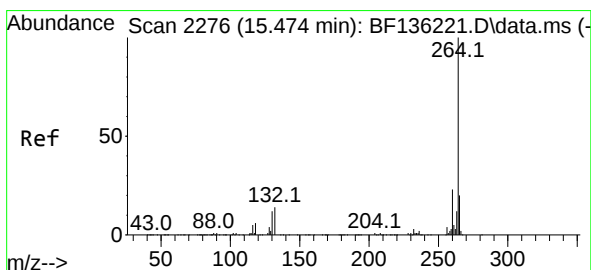
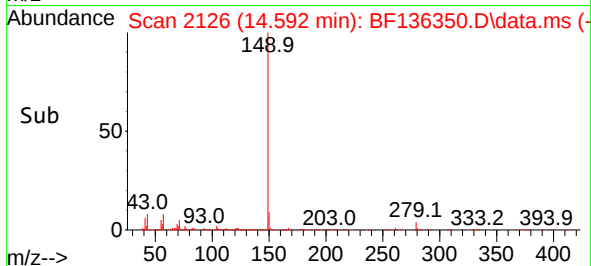
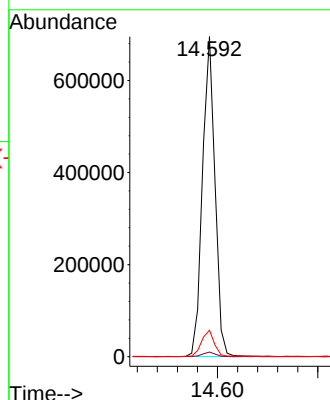
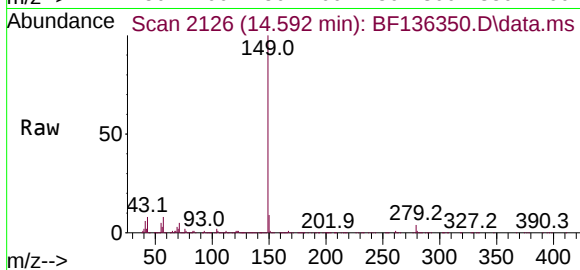
Tgt Ion:149 Resp: 603553

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.5 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

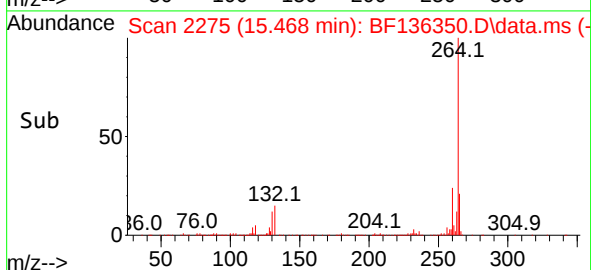
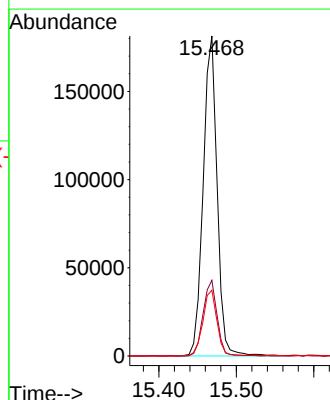
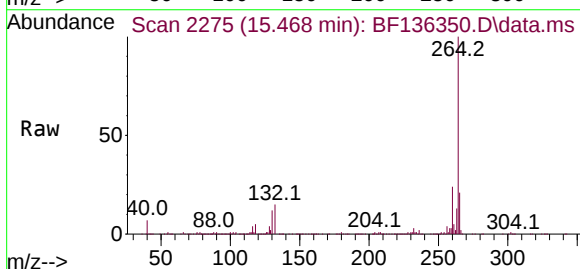
Tgt Ion:264 Resp: 226606

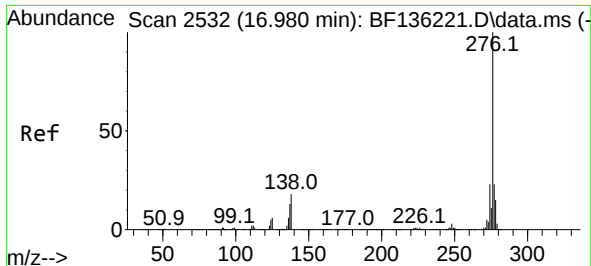
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 20.5 15.7 23.5

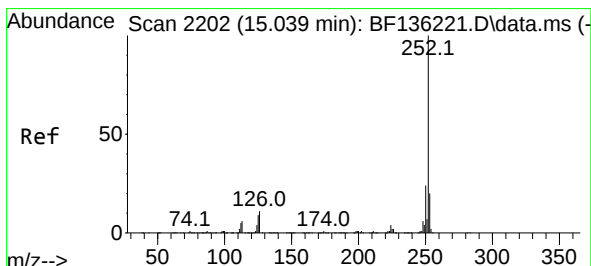
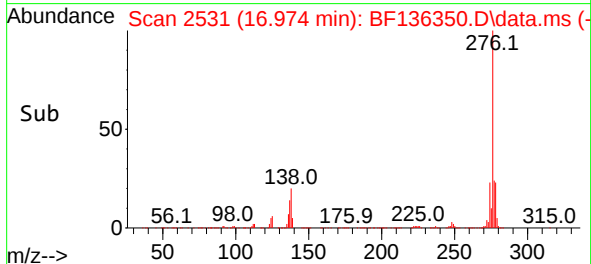
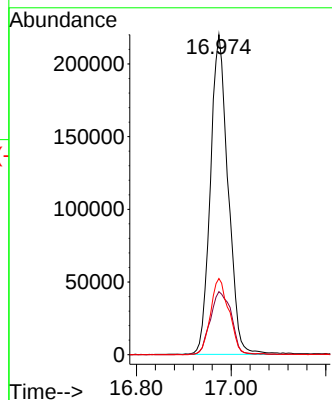
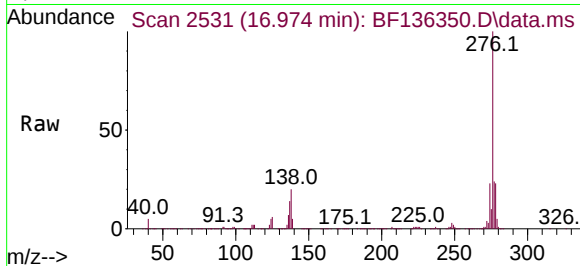




#87
Indeno(1,2,3-cd)pyrene
Concen: 34.447 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

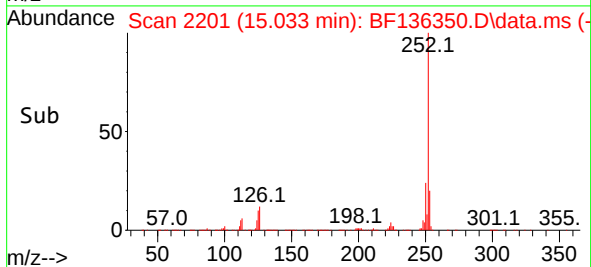
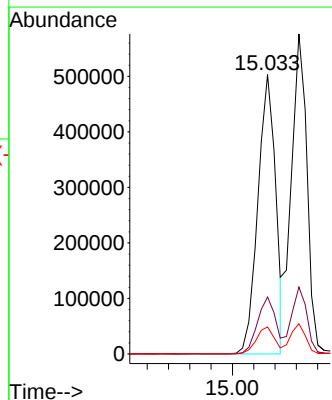
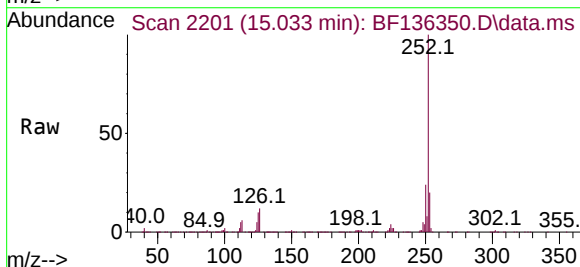
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

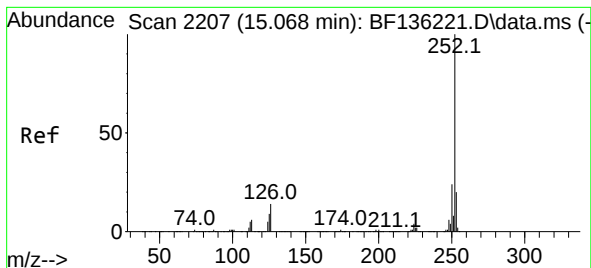
Tgt Ion:276 Resp: 569897
Ion Ratio Lower Upper
276 100
138 23.6 17.7 26.5
277 25.0 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 36.693 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:252 Resp: 583355
Ion Ratio Lower Upper
252 100
253 20.4 16.2 24.2
125 9.7 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 39.308 ng

RT: 15.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

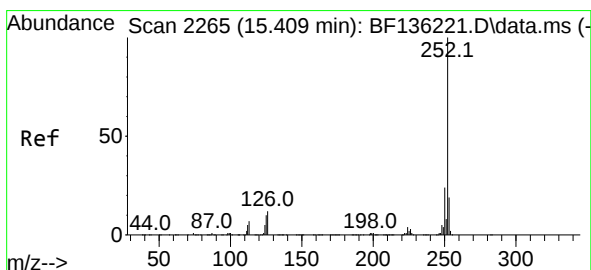
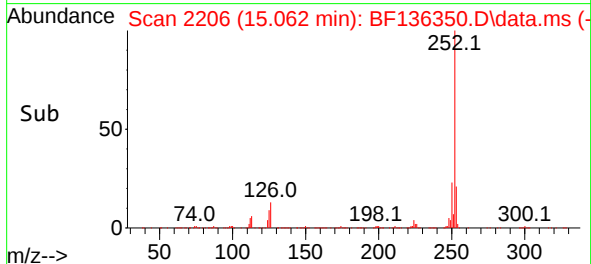
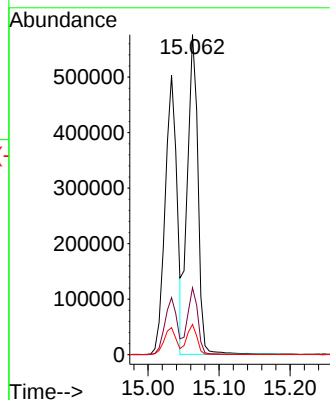
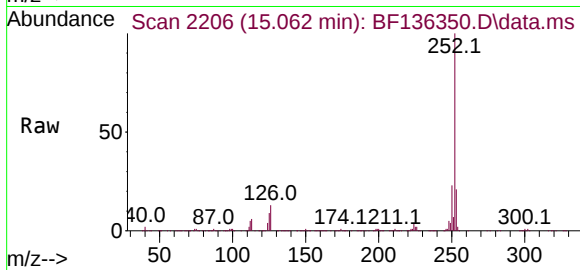
Tgt Ion:252 Resp: 593536

Ion Ratio Lower Upper

252 100

253 20.9 15.6 23.4

125 9.5 7.0 10.4



#90

Benzo(a)pyrene

Concen: 40.926 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.005 min

Lab File: BF136350.D

Acq: 01 Dec 2023 21:48

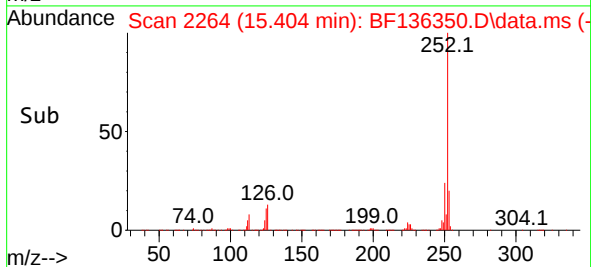
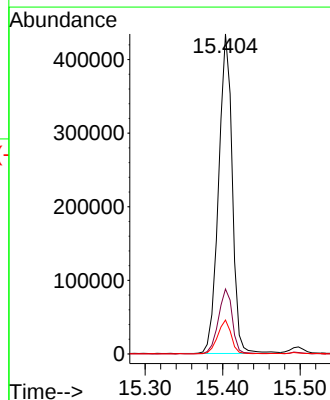
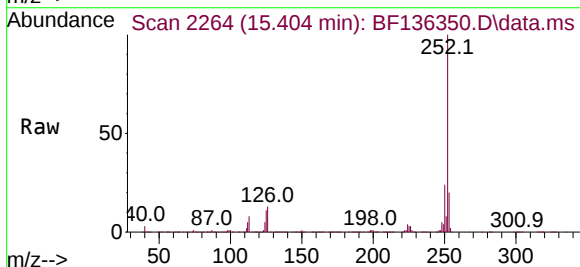
Tgt Ion:252 Resp: 531902

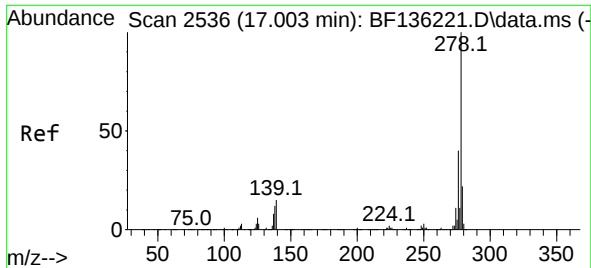
Ion Ratio Lower Upper

252 100

253 20.3 15.5 23.3

125 10.6 7.9 11.9

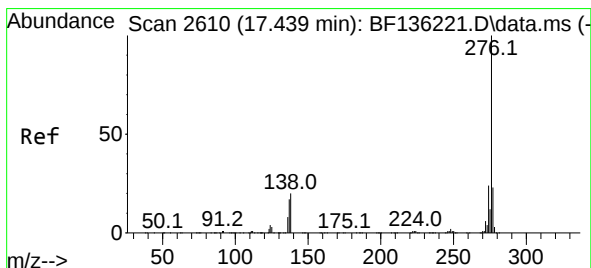
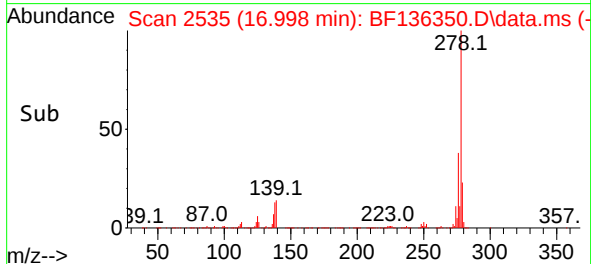
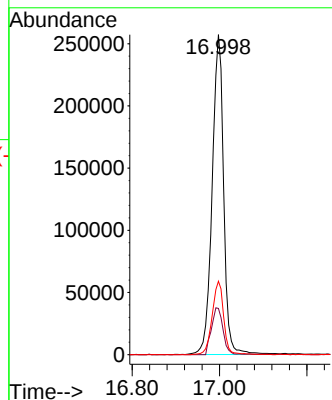
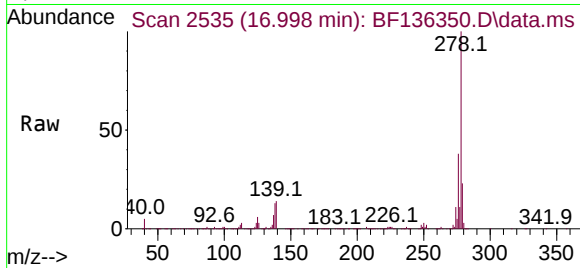




#91
Dibenzo(a,h)anthracene
Concen: 35.365 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 470491
Ion Ratio Lower Upper
278 100
139 14.5 11.7 17.5
279 23.0 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 32.814 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136350.D
Acq: 01 Dec 2023 21:48

Tgt Ion:276 Resp: 439098
Ion Ratio Lower Upper
276 100
277 22.2 18.6 27.8
138 21.7 15.8 23.8

