

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136378.D
 Acq On : 04 Dec 2023 13:10
 Operator : CG\JU
 Sample : 05388-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 13:37:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	139641	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	578184	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	305772	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	588985	20.000	ng	0.00
76) Chrysene-d12	13.980	240	331478	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	299835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	909335	90.637	ng	0.00
7) Phenol-d6	6.446	99	1140969	90.953	ng	0.00
23) Nitrobenzene-d5	7.369	82	716345	65.471	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	381789	102.129	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1439336	60.126	ng	0.00
79) Terphenyl-d14	12.922	244	1675391	58.301	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	140170	36.924	ng	96
3) Pyridine	3.410	79	326261	34.817	ng	92
4) n-Nitrosodimethylamine	3.375	42	171339	36.172	ng	88
6) Aniline	6.469	93	367279	30.976	ng	96
8) 2-Chlorophenol	6.587	128	443535	40.602	ng	95
9) Benzaldehyde	6.351	77	46721	6.682	ng	95
10) Phenol	6.457	94	533000	39.604	ng	98
11) bis(2-Chloroethyl)ether	6.546	93	399709	40.485	ng	95
12) 1,3-Dichlorobenzene	6.746	146	466926	37.664	ng	98
13) 1,4-Dichlorobenzene	6.822	146	484982	38.482	ng	98
14) 1,2-Dichlorobenzene	6.969	146	453485	38.009	ng	97
15) Benzyl Alcohol	6.946	79	365404	41.545	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.075	45	527331	38.452	ng	96
17) 2-Methylphenol	7.057	107	342846	39.920	ng	99
18) Hexachloroethane	7.310	117	168116	38.031	ng	93
19) n-Nitroso-di-n-propyla...	7.222	70	292246	38.952	ng	95
20) 3+4-Methylphenols	7.210	107	432909	38.785	ng	94
22) Acetophenone	7.210	105	613199	40.382	ng	# 96
24) Nitrobenzene	7.387	77	440602	39.737	ng	94
25) Isophorone	7.622	82	819721	41.549	ng	97
26) 2-Nitrophenol	7.698	139	230725	48.838	ng	97
27) 2,4-Dimethylphenol	7.740	122	303414	48.795	ng	93
28) bis(2-Chloroethoxy)met...	7.834	93	504274	42.256	ng	98
29) 2,4-Dichlorophenol	7.940	162	370822	44.213	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	412697	40.190	ng	98
31) Naphthalene	8.104	128	1313305	40.411	ng	98
32) Benzoic acid	7.875	122	291732	51.478	ng	99
33) 4-Chloroaniline	8.151	127	277956	25.162	ng	98
34) Hexachlorobutadiene	8.216	225	233553	38.876	ng	99
35) Caprolactam	8.534	113	61548	26.250	ng	96
36) 4-Chloro-3-methylphenol	8.640	107	397974	43.750	ng	98
37) 2-Methylnaphthalene	8.792	142	841830	41.295	ng	97
38) 1-Methylnaphthalene	8.892	142	803701	40.414	ng	94
40) 1,2,4,5-Tetrachloroben...	8.957	216	409920	42.124	ng	98
41) Hexachlorocyclopentadiene	8.945	237	363221	97.003	ng	95
43) 2,4,6-Trichlorophenol	9.075	196	273462	43.295	ng	93

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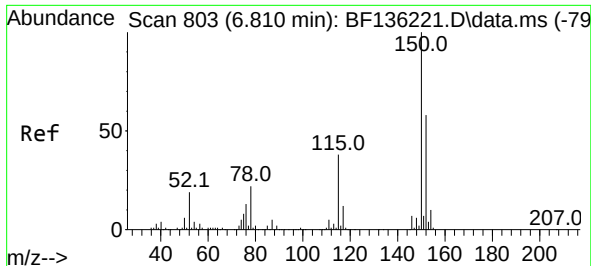
Quant Time: Dec 04 13:37:09 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	287372	41.691	ng	99
46) 1,1'-Biphenyl	9.263	154	1116186	41.395	ng	97
47) 2-Chloronaphthalene	9.287	162	828665	39.573	ng	97
48) 2-Nitroaniline	9.387	65	240960	44.074	ng	# 79
49) Acenaphthylene	9.698	152	1301943	43.568	ng	99
50) Dimethylphthalate	9.569	163	978017	42.319	ng	98
51) 2,6-Dinitrotoluene	9.628	165	209739	44.423	ng	96
52) Acenaphthene	9.875	154	776996	41.145	ng	96
53) 3-Nitroaniline	9.798	138	171848	36.683	ng	94
54) 2,4-Dinitrophenol	9.910	184	237694	108.247	ng	# 81
55) Dibenzofuran	10.045	168	1156255	41.147	ng	99
56) 4-Nitrophenol	9.969	139	342394	96.231	ng	90
57) 2,4-Dinitrotoluene	10.034	165	282729	44.830	ng	90
58) Fluorene	10.392	166	909552	41.264	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	241287	43.996	ng	99
60) Diethylphthalate	10.269	149	977342	42.276	ng	98
61) 4-Chlorophenyl-phenyle...	10.381	204	431512	40.312	ng	93
62) 4-Nitroaniline	10.416	138	211090	46.033	ng	95
63) Azobenzene	10.545	77	872892	40.728	ng	95
65) 4,6-Dinitro-2-methylph...	10.445	198	156220	48.503	ng	84
66) n-Nitrosodiphenylamine	10.504	169	813121	43.080	ng	96
67) 4-Bromophenyl-phenylether	10.875	248	283230	41.218	ng	94
68) Hexachlorobenzene	10.939	284	322025	40.492	ng	99
69) Atrazine	11.039	200	264250	47.195	ng	96
70) Pentachlorophenol	11.133	266	351360	78.160	ng	96
71) Phenanthrene	11.357	178	1406996	42.503	ng	99
72) Anthracene	11.410	178	1385345	41.731	ng	99
73) Carbazole	11.563	167	1193946	42.287	ng	100
74) Di-n-butylphthalate	11.898	149	1624972	45.998	ng	98
75) Fluoranthene	12.545	202	1414954	42.104	ng	94
77) Benzidine	12.669	184	120965	22.200	ng	99
78) Pyrene	12.775	202	1402431	38.632	ng	98
80) Butylbenzylphthalate	13.404	149	576286	51.007	ng	99
81) Benzo(a)anthracene	13.969	228	1001083	40.660	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	279961	47.237	ng	96
83) Chrysene	14.010	228	954945	40.170	ng	98
84) Bis(2-ethylhexyl)phtha...	13.969	149	784233	57.837	ng	# 99
85) Di-n-octyl phthalate	14.586	149	1296343	57.697	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	955775	42.944	ng	98
88) Benzo(b)fluoranthene	15.027	252	838187	39.845	ng	98
89) Benzo(k)fluoranthene	15.057	252	826751	41.381	ng	97
90) Benzo(a)pyrene	15.398	252	726973	42.275	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	794312	44.375	ng	98
92) Benzo(g,h,i)perylene	17.433	276	766128	42.664	ng	99

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

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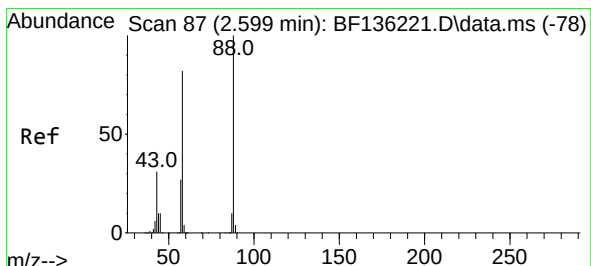
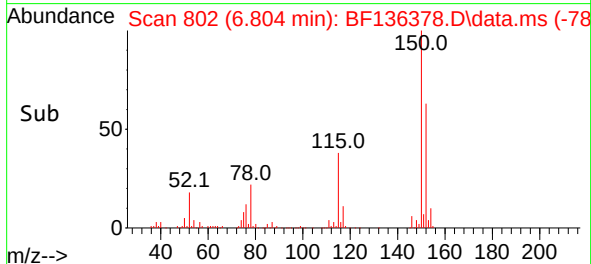
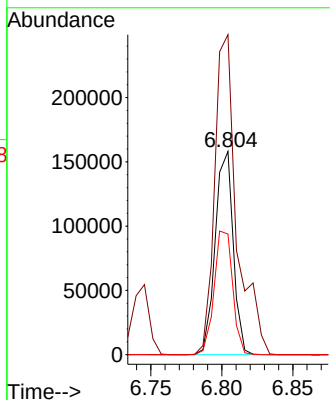
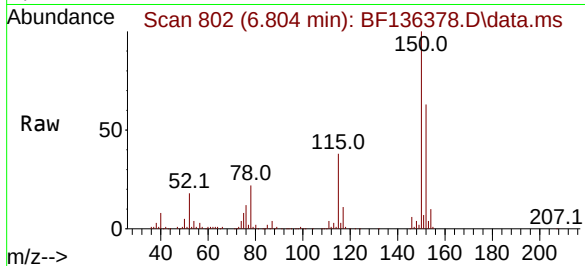




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136378.D
 Acq: 04 Dec 2023 13:10

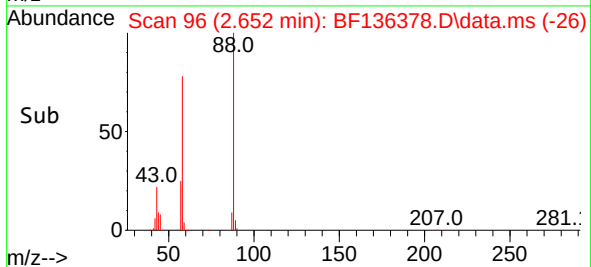
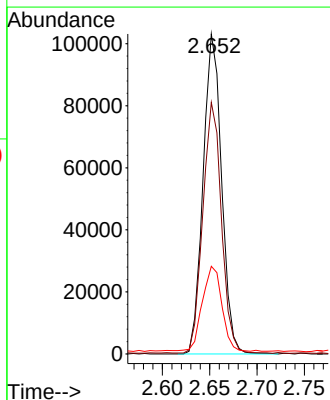
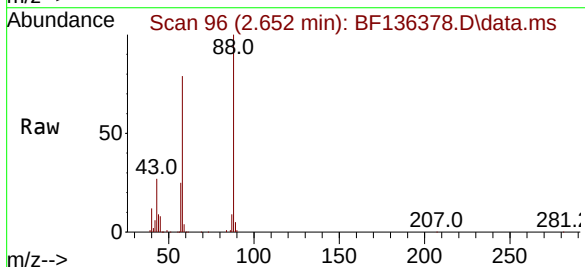
Instrument :
 BNA_F
 ClientSampleId :

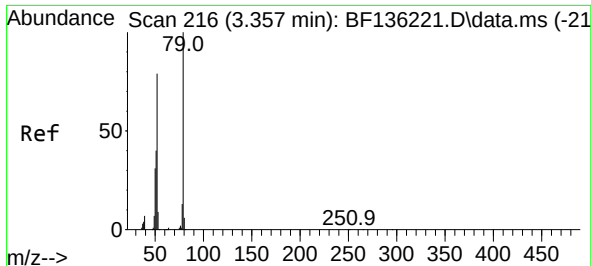
Tgt Ion:152 Resp: 139641
 Ion Ratio Lower Upper
 152 100
 150 157.5 137.8 206.8
 115 59.4 52.7 79.1



#2
 1,4-Dioxane
 Concen: 36.924 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.059 min
 Lab File: BF136378.D
 Acq: 04 Dec 2023 13:10

Tgt Ion: 88 Resp: 140170
 Ion Ratio Lower Upper
 88 100
 58 78.9 65.9 98.9
 43 28.0 24.8 37.2

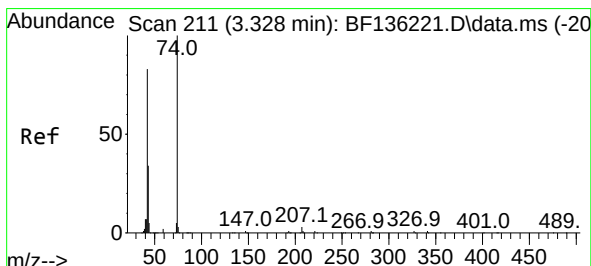
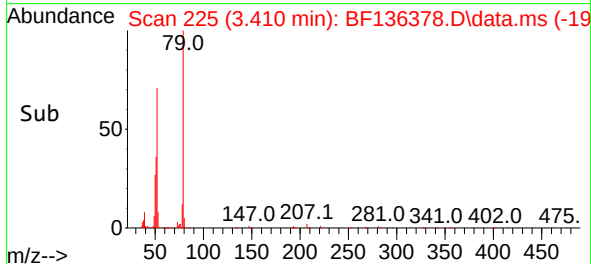
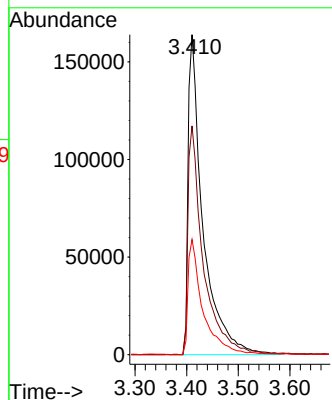
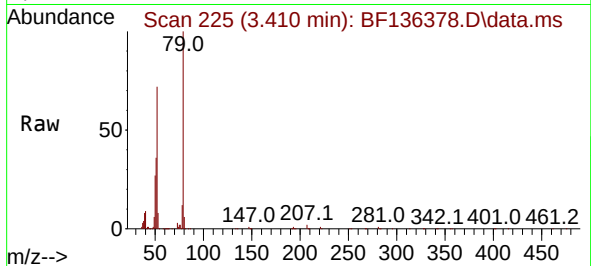




#3
 Pyridine
 Concen: 34.817 ng
 RT: 3.410 min Scan# 216
 Delta R.T. 0.059 min
 Lab File: BF136378.D
 Acq: 04 Dec 2023 13:10

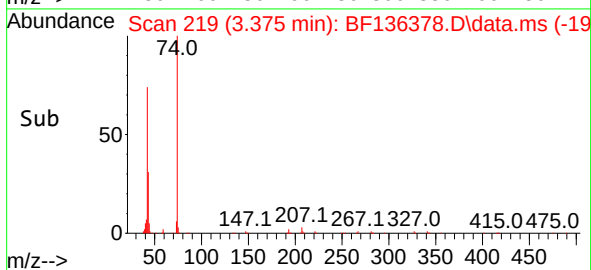
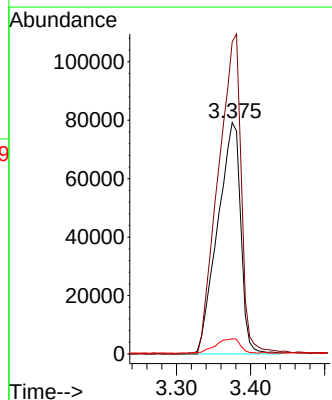
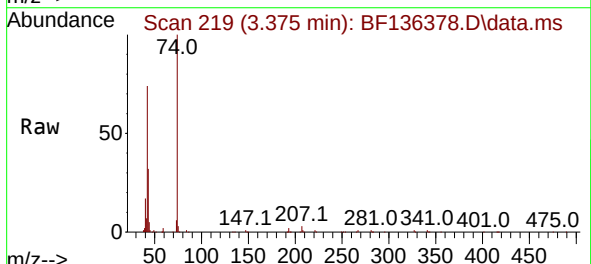
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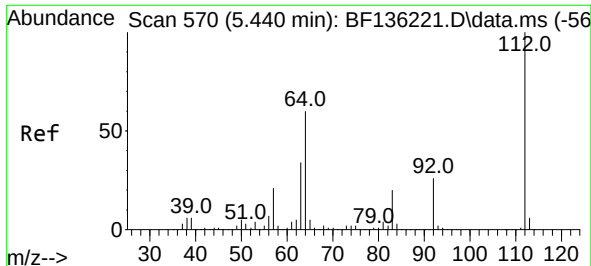
Tgt Ion: 79 Resp: 326261
 Ion Ratio Lower Upper
 79 100
 52 71.5 63.2 94.8
 51 36.0 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 36.172 ng
 RT: 3.375 min Scan# 219
 Delta R.T. 0.047 min
 Lab File: BF136378.D
 Acq: 04 Dec 2023 13:10

Tgt Ion: 42 Resp: 171339
 Ion Ratio Lower Upper
 42 100
 74 134.8 96.6 144.8
 44 6.6 5.4 8.2

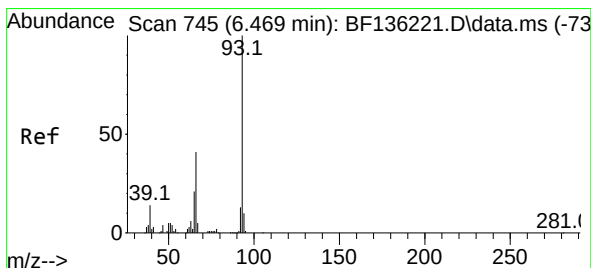
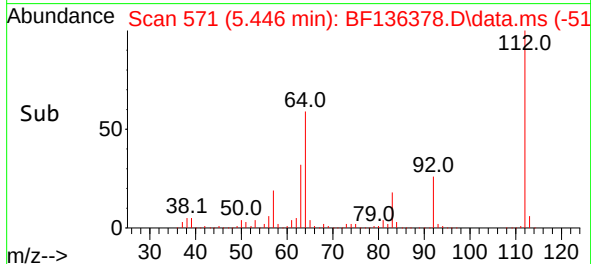
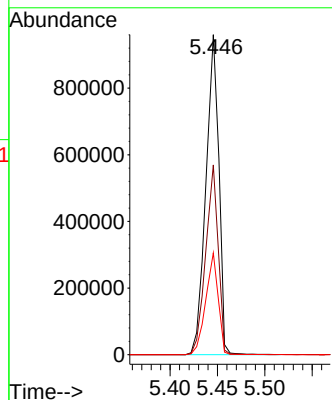
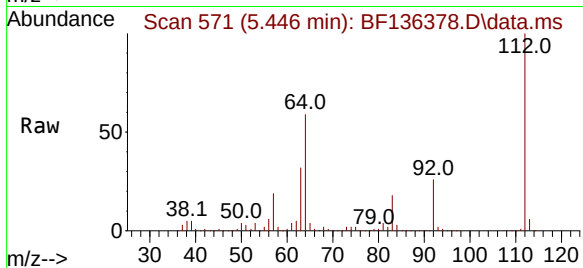




#5
2-Fluorophenol
Concen: 90.637 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

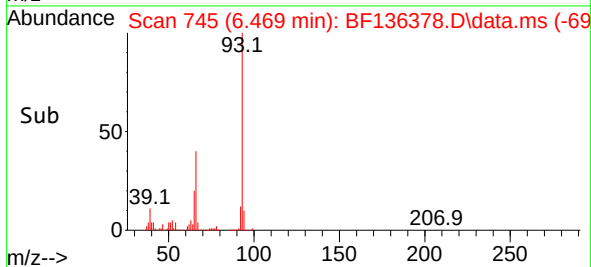
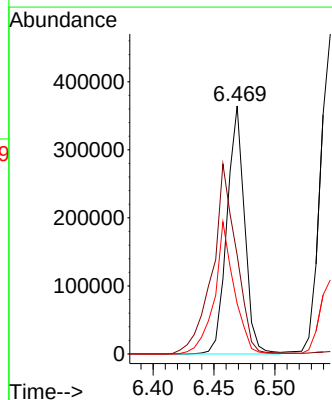
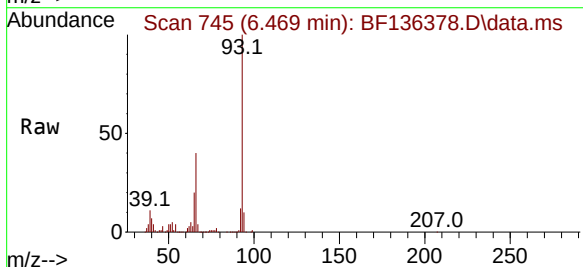
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BNA_F
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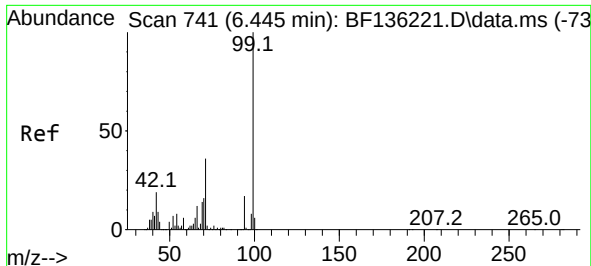
Tgt Ion:112 Resp: 909335
Ion Ratio Lower Upper
112 100
64 59.3 48.2 72.4
63 31.8 27.0 40.6



#6
Aniline
Concen: 30.976 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Tgt Ion: 93 Resp: 367279
Ion Ratio Lower Upper
93 100
66 39.9 34.1 51.1
65 20.2 17.3 25.9

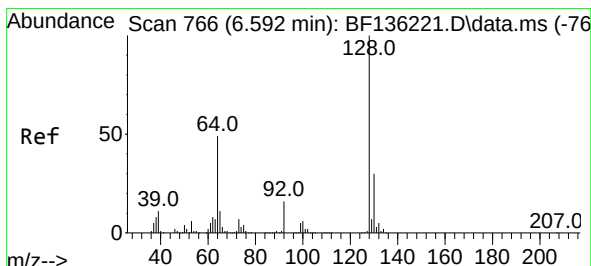
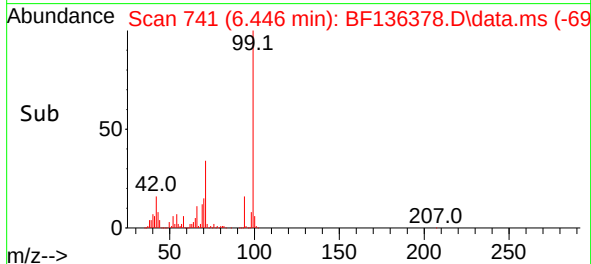
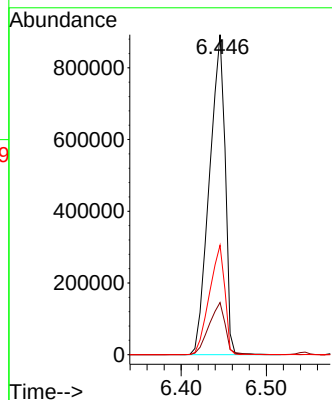
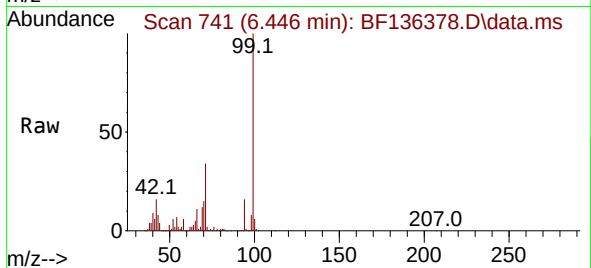




#7
Phenol-d6
Concen: 90.953 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

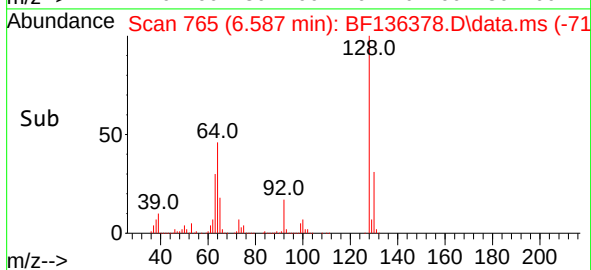
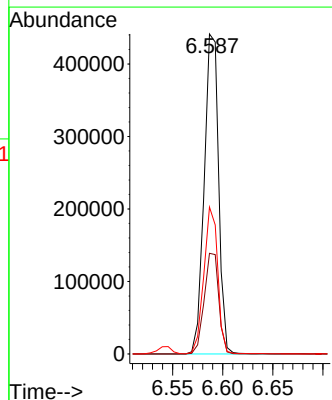
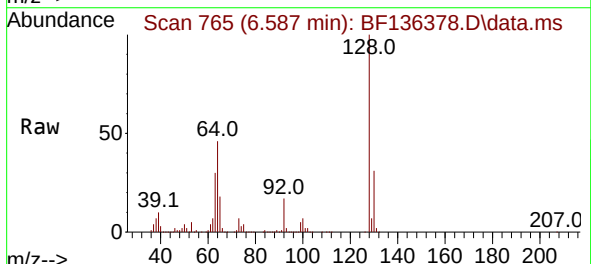
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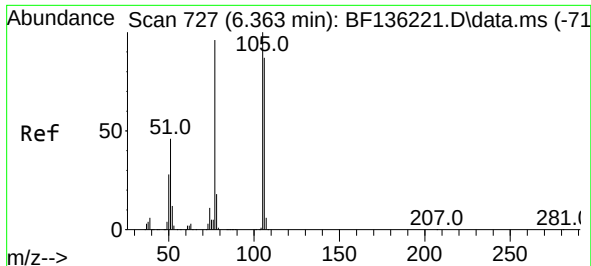
Tgt Ion: 99 Resp: 1140969
Ion Ratio Lower Upper
99 100
42 16.3 15.0 22.6
71 34.2 28.9 43.3



#8
2-Chlorophenol
Concen: 40.602 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136378.D
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Tgt Ion: 128 Resp: 443535
Ion Ratio Lower Upper
128 100
130 31.5 10.3 50.3
64 45.9 30.0 70.0





#9

Benzaldehyde

Concen: 6.682 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.006 min

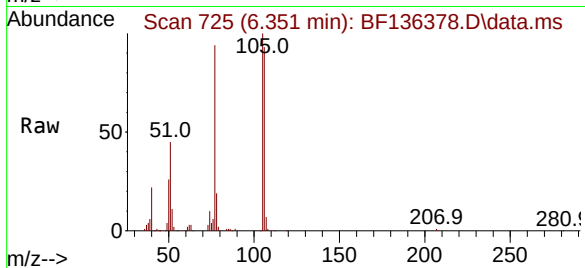
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Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :



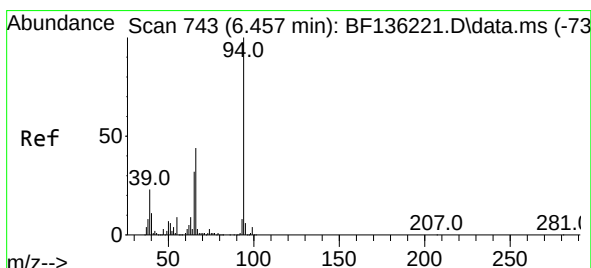
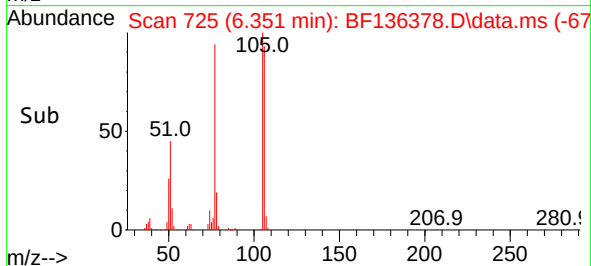
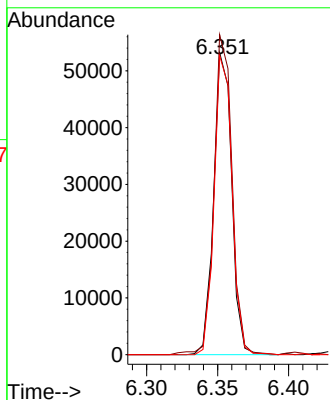
Tgt Ion: 77 Resp: 46721

Ion Ratio Lower Upper

77 100

105 105.9 84.3 124.3

106 99.0 71.0 111.0



#10

Phenol

Concen: 39.604 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

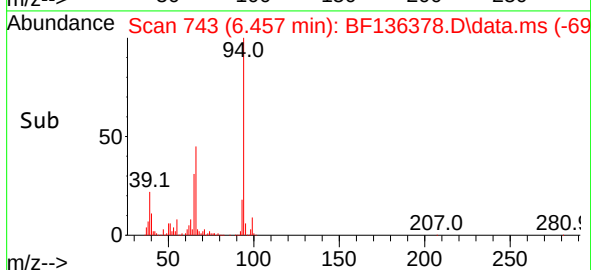
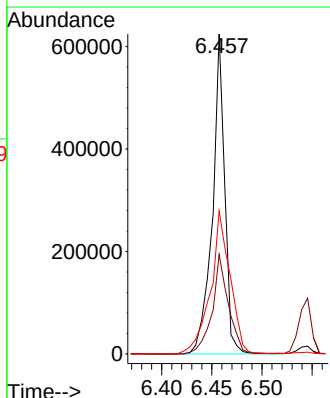
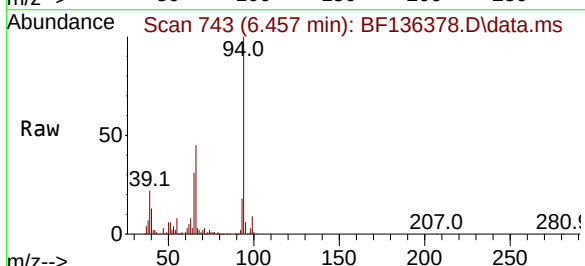
Tgt Ion: 94 Resp: 533000

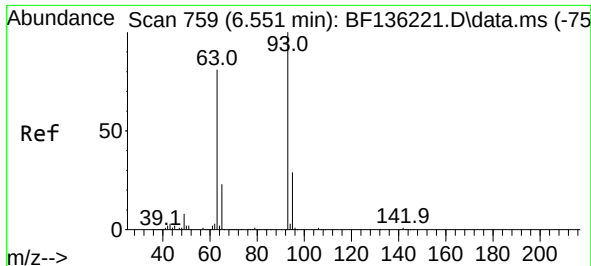
Ion Ratio Lower Upper

94 100

65 31.1 12.5 52.5

66 44.7 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 40.485 ng

RT: 6.546 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

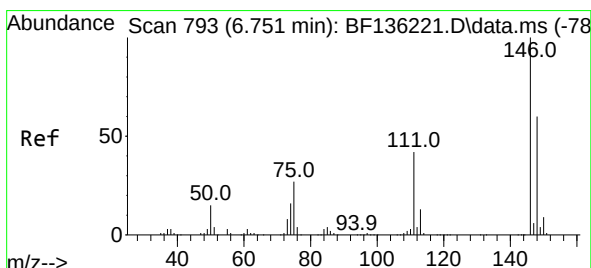
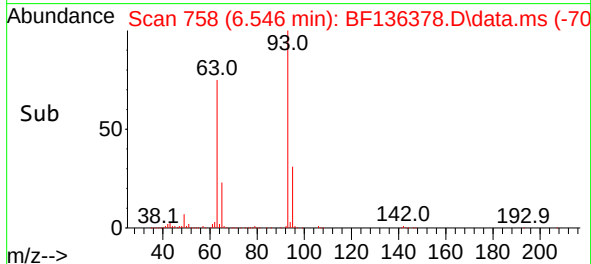
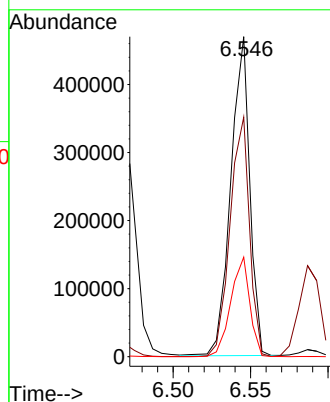
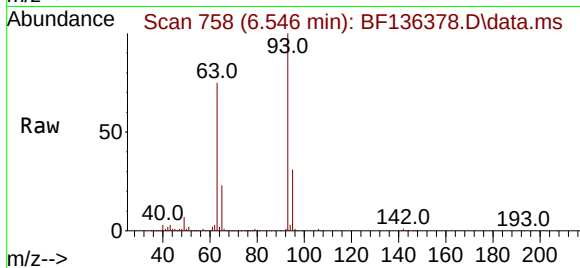
Tgt Ion: 93 Resp: 399709

Ion Ratio Lower Upper

93 100

63 74.9 60.2 100.2

95 31.1 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 37.664 ng

RT: 6.746 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

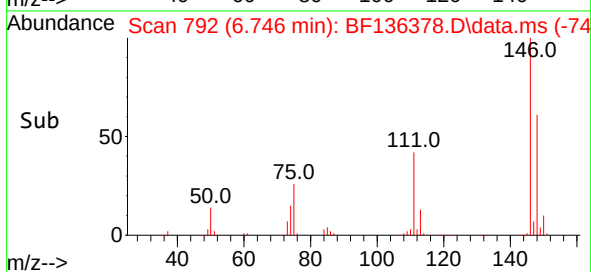
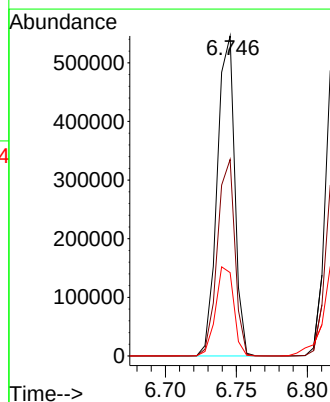
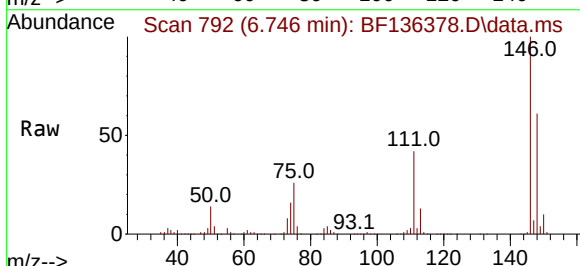
Tgt Ion:146 Resp: 466926

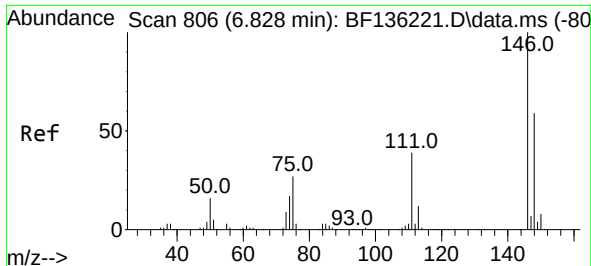
Ion Ratio Lower Upper

146 100

148 61.4 47.8 71.6

75 26.0 22.0 33.0

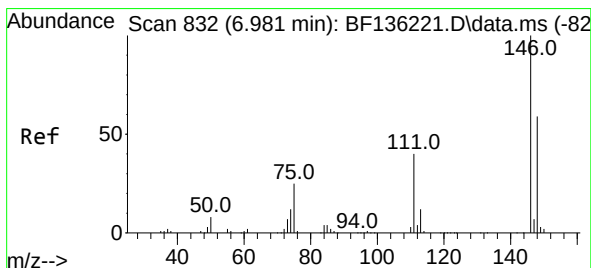
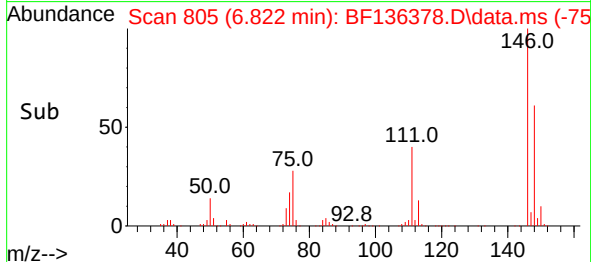
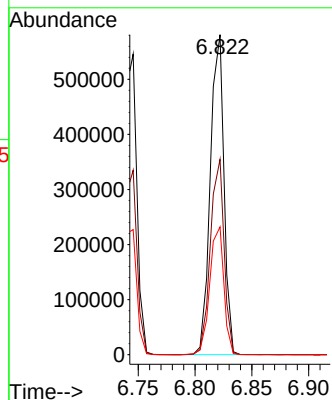
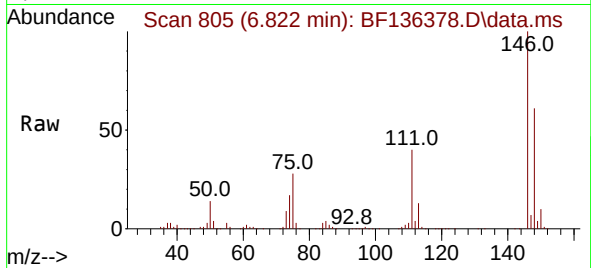




#13
1,4-Dichlorobenzene
Concen: 38.482 ng
RT: 6.822 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

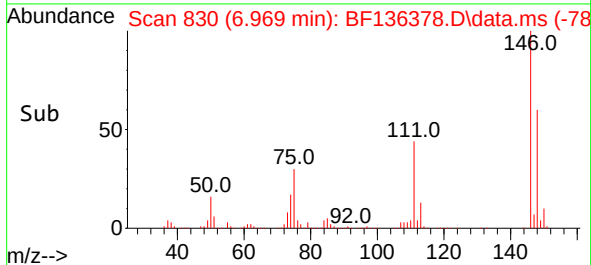
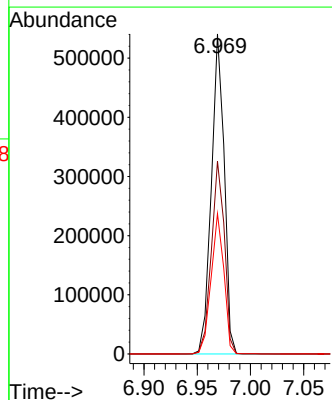
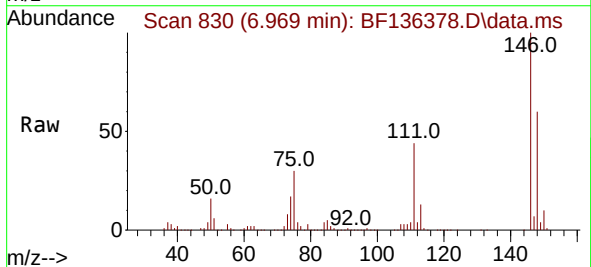
Instrument :
BNA_F
ClientSampleId :

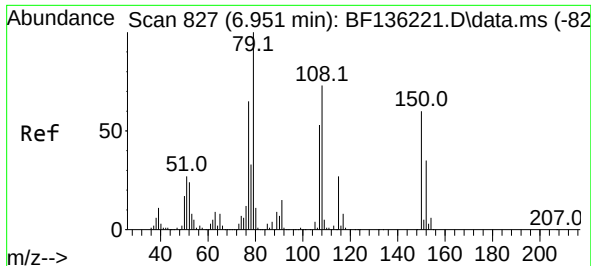
Tgt Ion:146 Resp: 484982
Ion Ratio Lower Upper
146 100
148 61.1 47.0 70.6
111 40.0 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 38.009 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

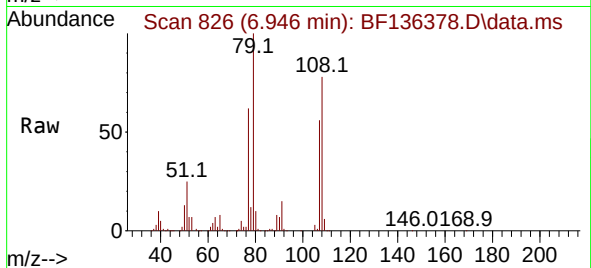
Tgt Ion:146 Resp: 453485
Ion Ratio Lower Upper
146 100
148 60.3 47.3 70.9
111 43.9 32.4 48.6



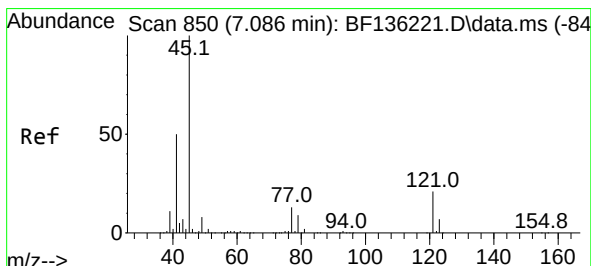
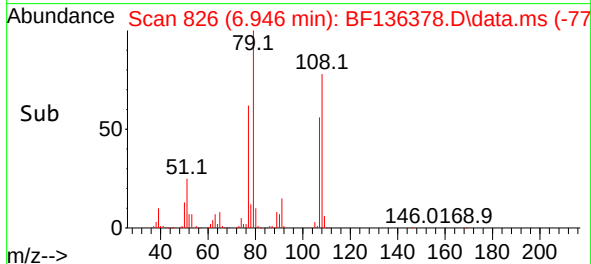
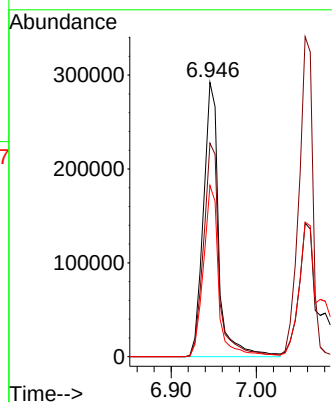


#15
Benzyl Alcohol
Concen: 41.545 ng
RT: 6.946 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Instrument :
BNA_F
ClientSampleId :

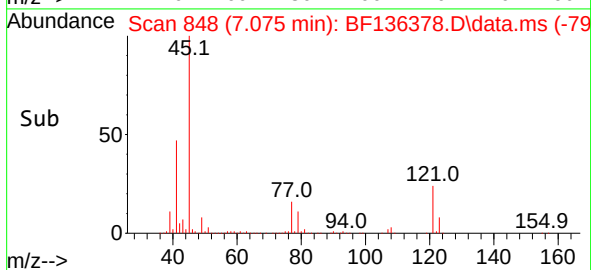
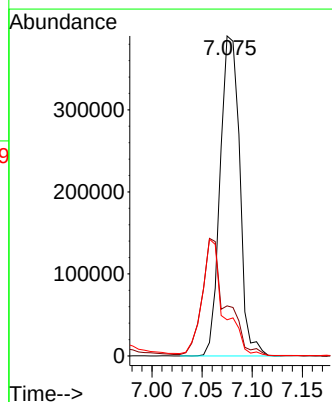
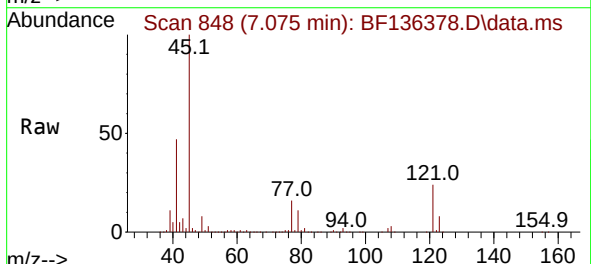


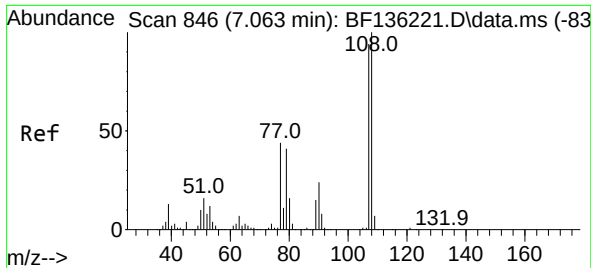
Tgt Ion: 79 Resp: 365404
Ion Ratio Lower Upper
79 100
108 77.8 58.1 87.1
77 62.4 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.452 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

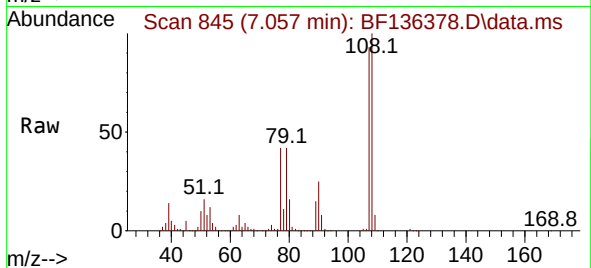
Tgt Ion: 45 Resp: 527331
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.0
79 11.3 0.0 30.1



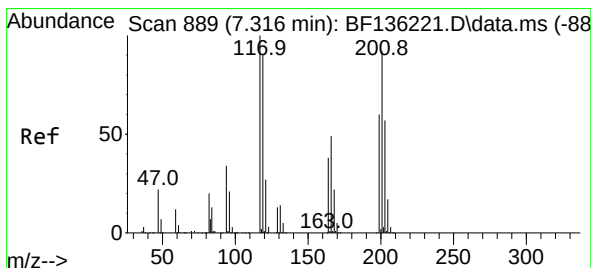
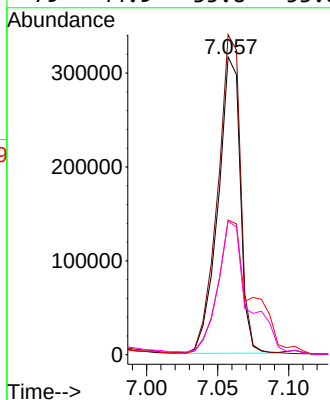
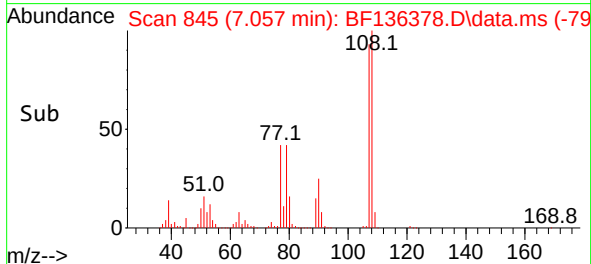


#17
2-Methylphenol
Concen: 39.920 ng
RT: 7.057 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

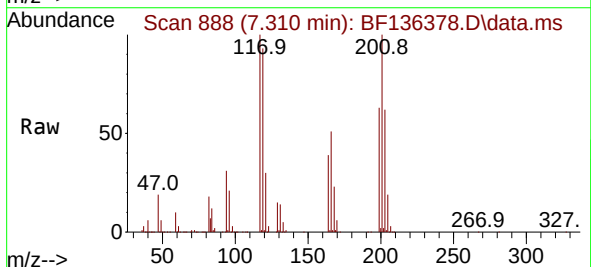
Instrument :
BNA_F
ClientSampleId :



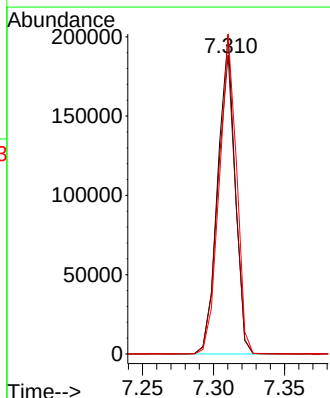
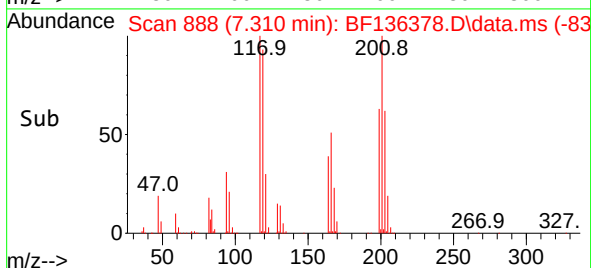
Tgt Ion:	107	Resp:	342846
Ion	Ratio	Lower	Upper
107	100		
108	107.5	85.4	128.0
77	45.2	37.4	56.2
79	44.9	35.8	53.8

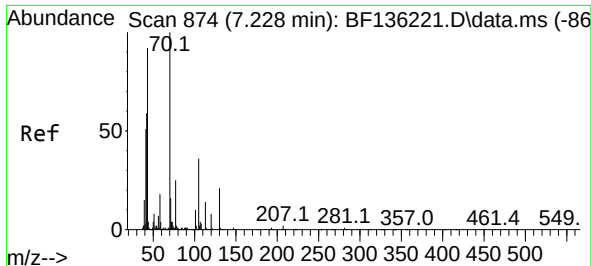


#18
Hexachloroethane
Concen: 38.031 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10



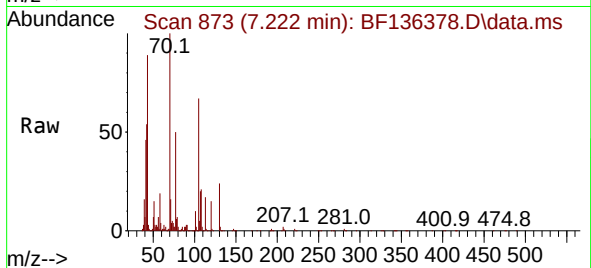
Tgt Ion:	117	Resp:	168116
Ion	Ratio	Lower	Upper
117	100		
119	93.7	71.6	107.4
201	100.4	73.4	110.2



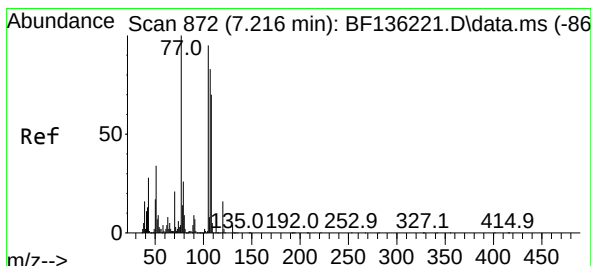
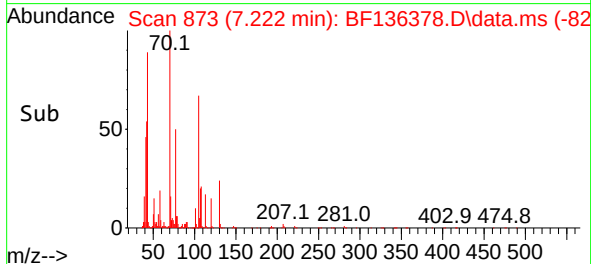
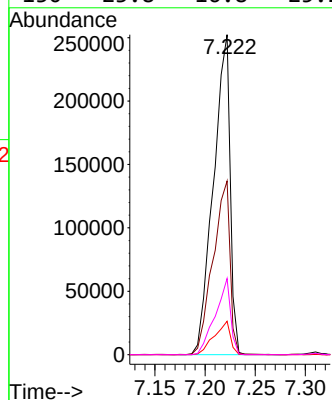


#19
n-Nitroso-di-n-propylamine
Concen: 38.952 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Instrument :
BNA_F
ClientSampleId :

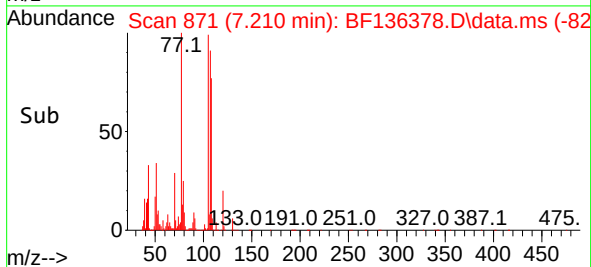
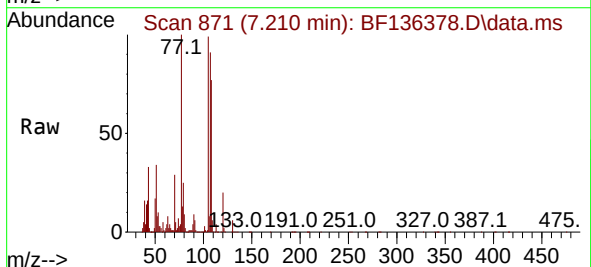
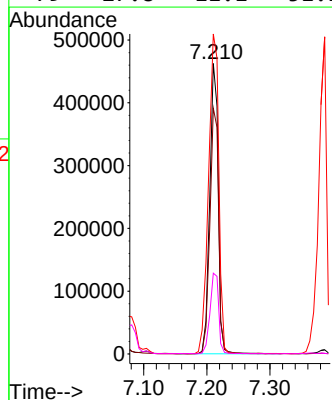


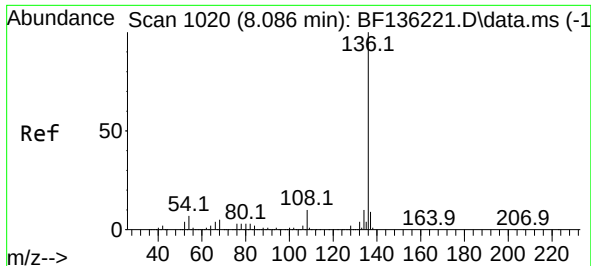
Tgt Ion: 70 Resp: 292246
Ion Ratio Lower Upper
70 100
42 54.3 47.0 70.4
101 10.5 7.8 11.8
130 23.8 16.8 25.2



#20
3+4-Methylphenols
Concen: 38.785 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

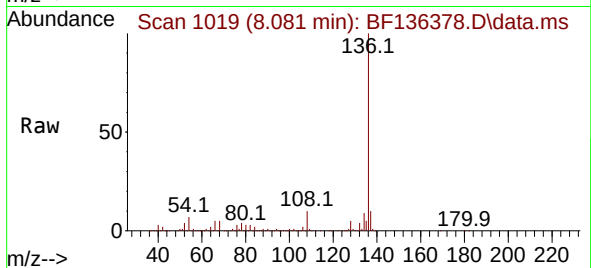
Tgt Ion: 107 Resp: 432909
Ion Ratio Lower Upper
107 100
108 84.6 63.9 103.9
77 110.2 100.2 140.2
79 27.8 11.1 51.1



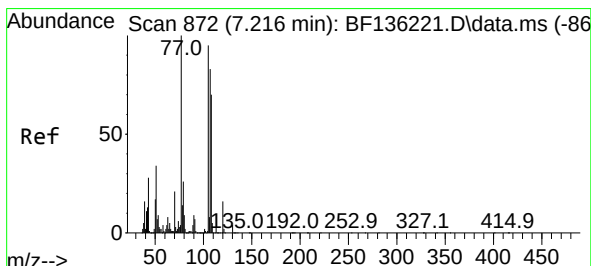
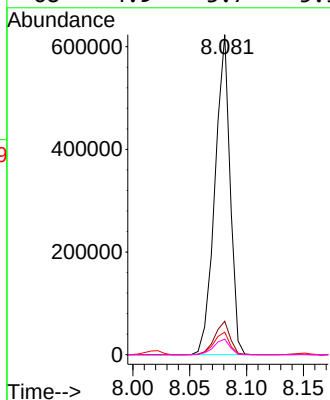
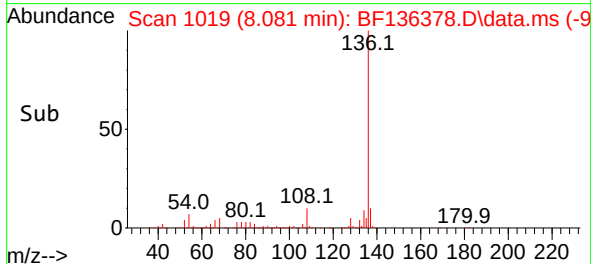


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Instrument :
BNA_F
ClientSampleId :

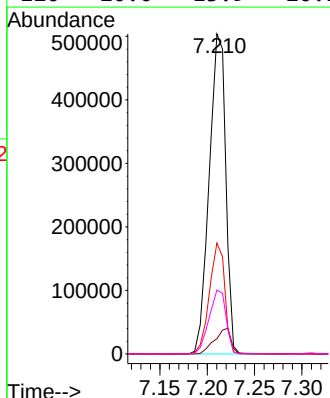
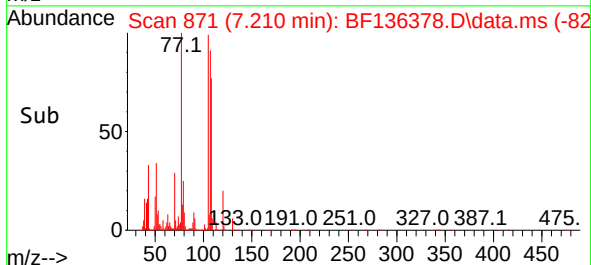
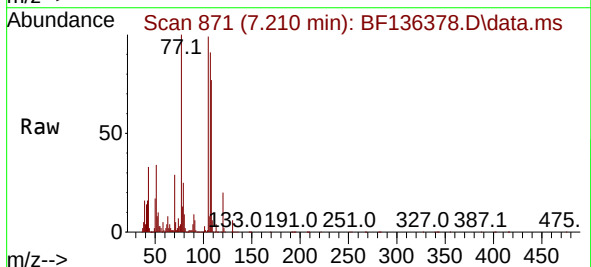


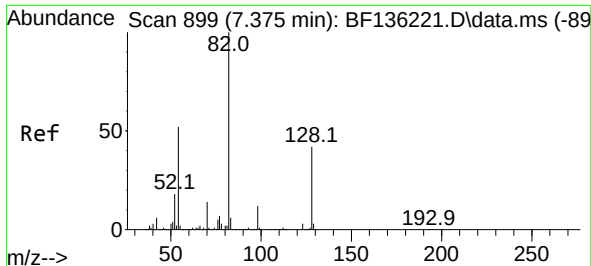
Tgt Ion:136 Resp: 578184
Ion Ratio Lower Upper
136 100
137 10.4 7.4 11.2
54 7.1 5.5 8.3
68 4.9 3.7 5.5



#22
Acetophenone
Concen: 40.382 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Tgt Ion:105 Resp: 613199
Ion Ratio Lower Upper
105 100
71 4.8 2.8 4.2#
51 34.7 29.0 43.6
120 20.0 13.9 20.9





#23

Nitrobenzene-d5

Concen: 65.471 ng

RT: 7.369 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

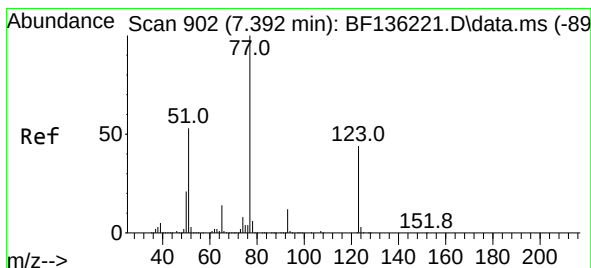
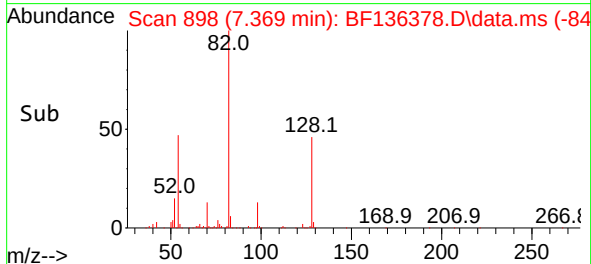
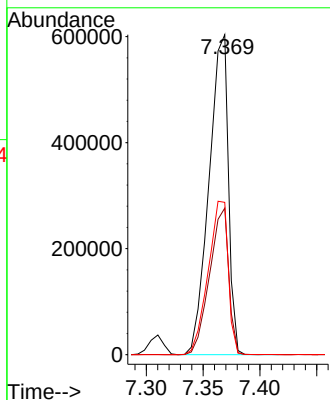
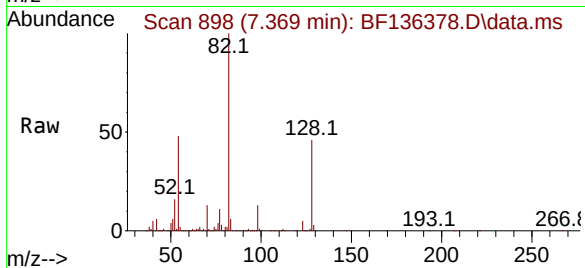
Tgt Ion: 82 Resp: 716345

Ion Ratio Lower Upper

82 100

128 45.8 33.4 50.2

54 47.6 41.7 62.5



#24

Nitrobenzene

Concen: 39.737 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

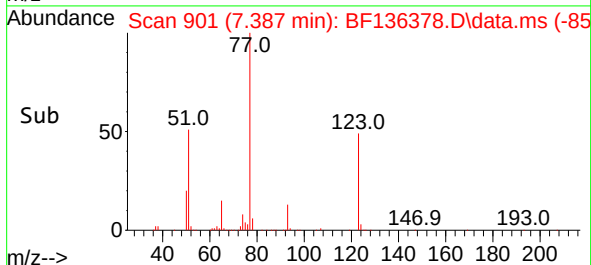
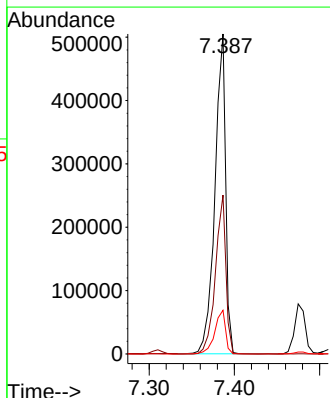
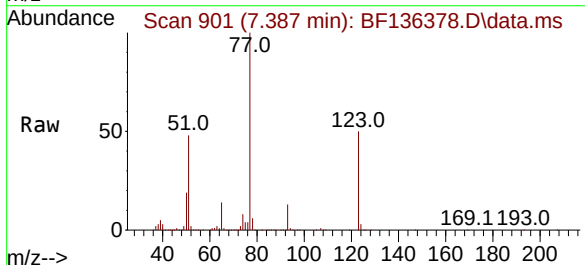
Tgt Ion: 77 Resp: 440602

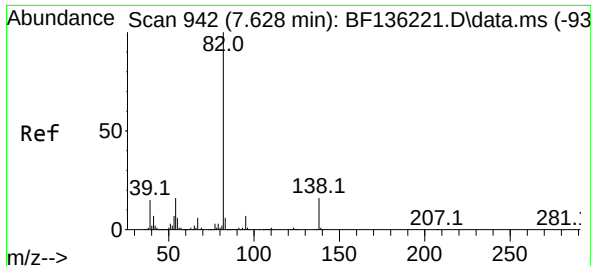
Ion Ratio Lower Upper

77 100

123 49.7 35.4 53.2

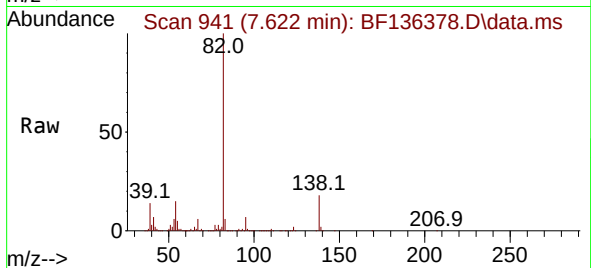
65 13.6 11.0 16.6



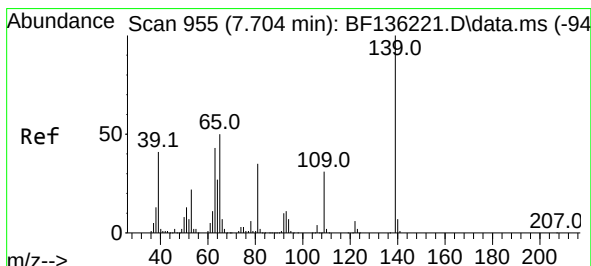
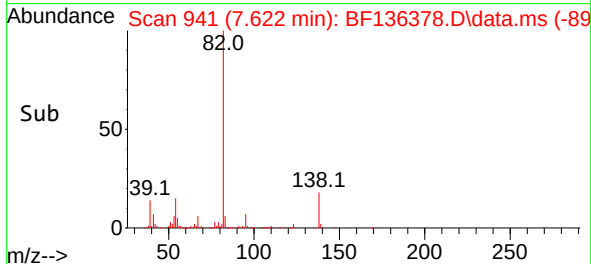
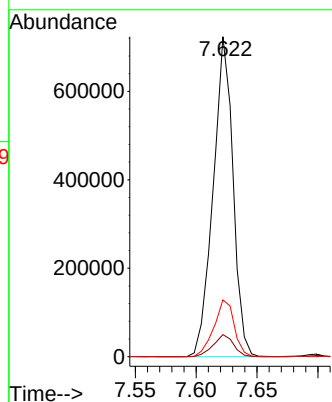


#25
Isophorone
Concen: 41.549 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Instrument :
BNA_F
ClientSampleId :

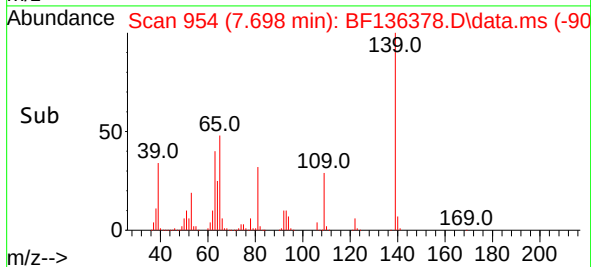
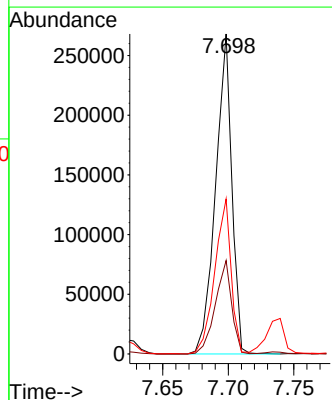
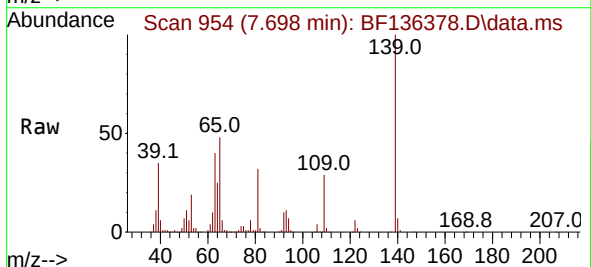


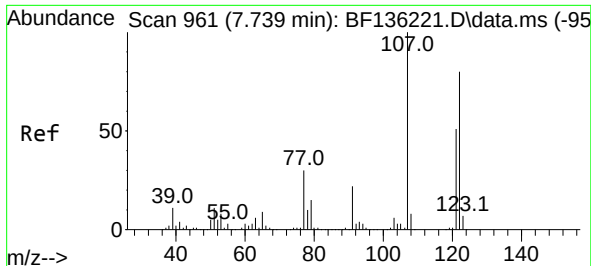
Tgt Ion: 82 Resp: 819721
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.7 12.8 19.2



#26
2-Nitrophenol
Concen: 48.838 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

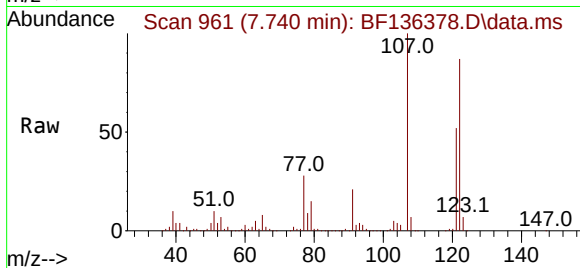
Tgt Ion:139 Resp: 230725
Ion Ratio Lower Upper
139 100
109 29.2 25.0 37.6
65 48.4 40.4 60.6



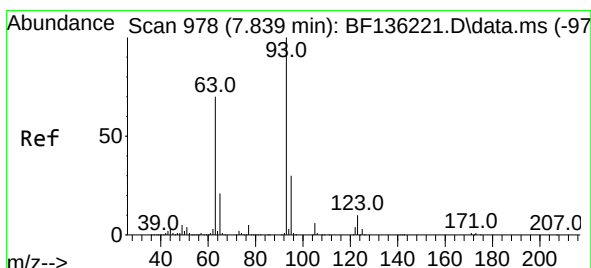
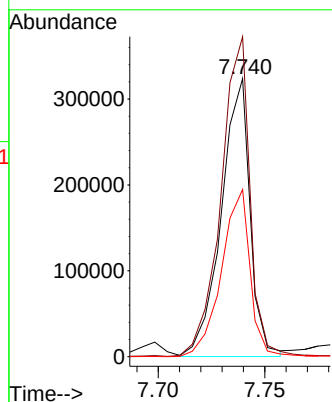
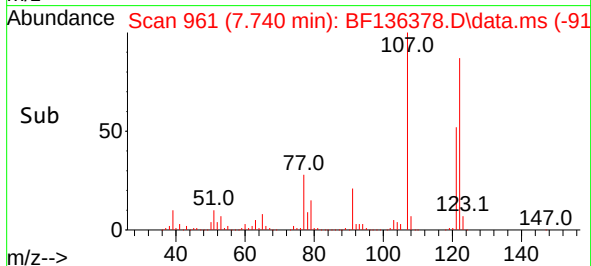


#27
2,4-Dimethylphenol
Concen: 48.795 ng
RT: 7.740 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

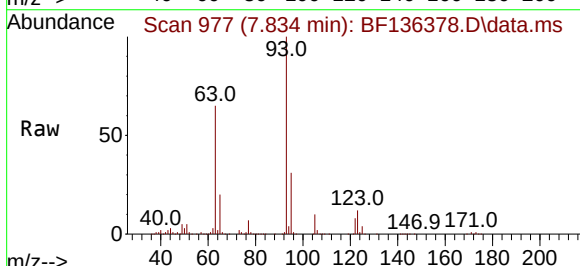
Instrument :
BNA_F
ClientSampleId :



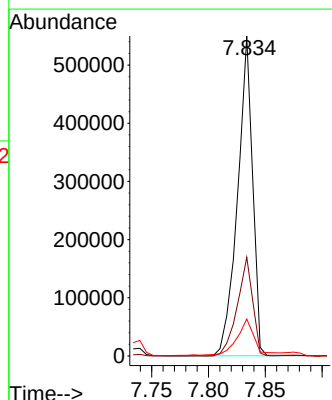
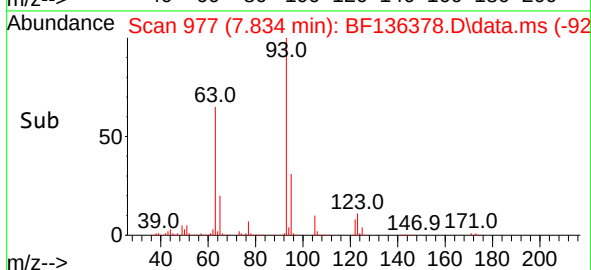
Tgt Ion:122 Resp: 303414
Ion Ratio Lower Upper
122 100
107 115.1 100.0 150.0
121 60.2 50.7 76.1

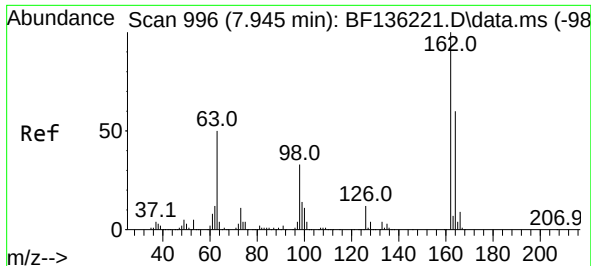


#28
bis(2-Chloroethoxy)methane
Concen: 42.256 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10



Tgt Ion: 93 Resp: 504274
Ion Ratio Lower Upper
93 100
95 30.9 23.8 35.6
123 11.5 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 44.213 ng

RT: 7.940 min Scan# 996

Delta R.T. 0.000 min

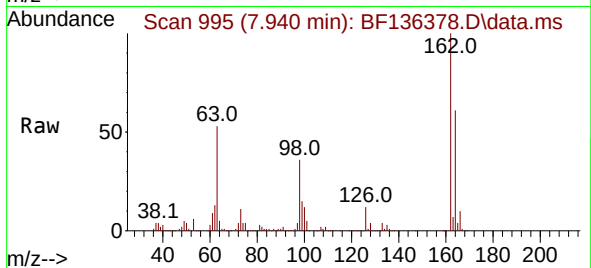
Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :



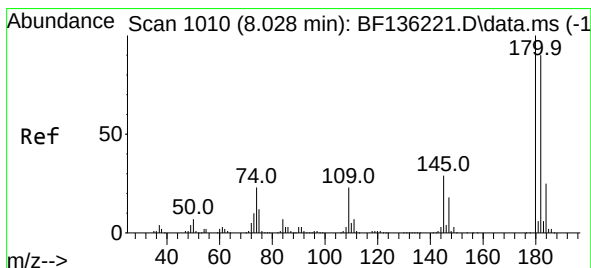
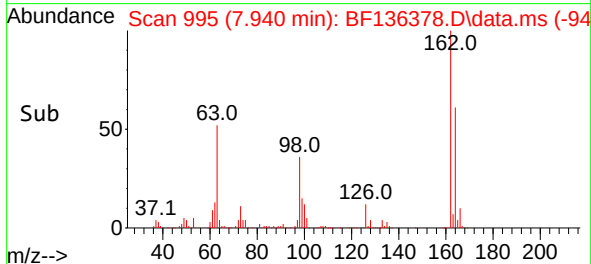
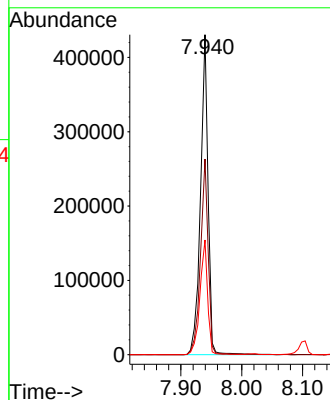
Tgt Ion:162 Resp: 370822

Ion Ratio Lower Upper

162 100

164 61.1 40.3 80.3

98 35.8 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 40.190 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

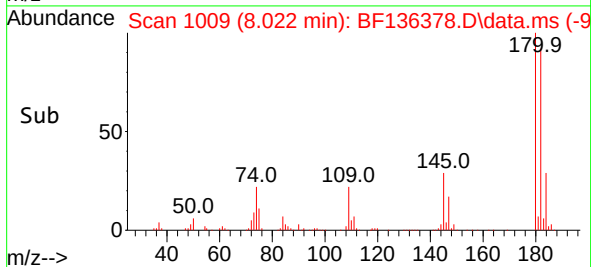
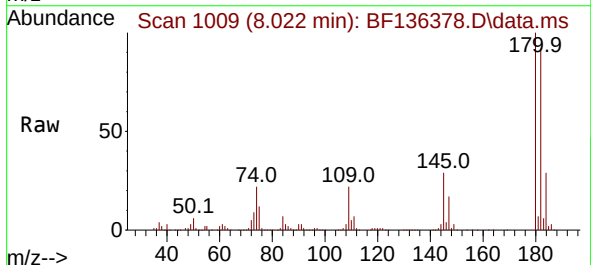
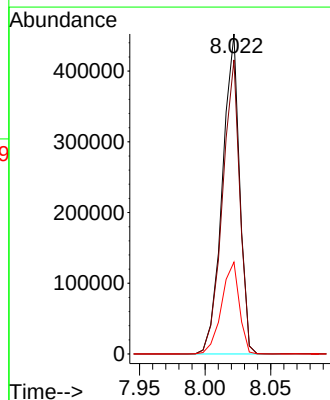
Tgt Ion:180 Resp: 412697

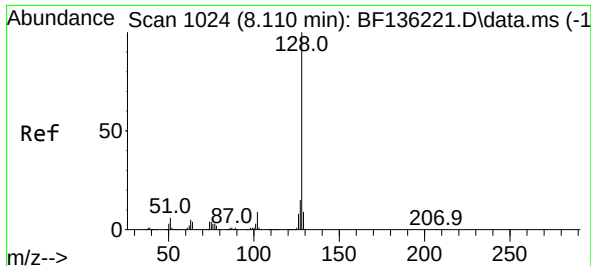
Ion Ratio Lower Upper

180 100

182 91.9 71.6 107.4

145 28.7 23.0 34.4

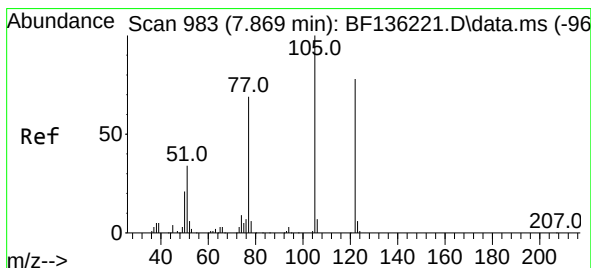
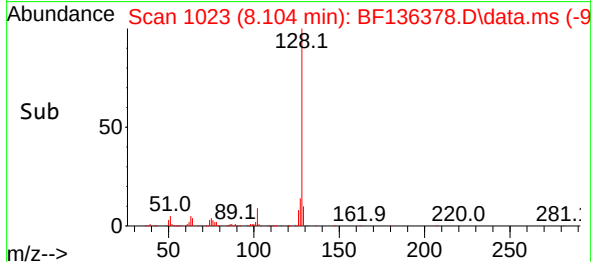
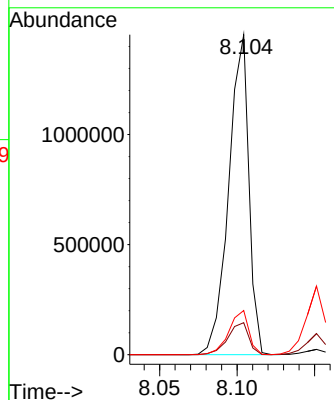
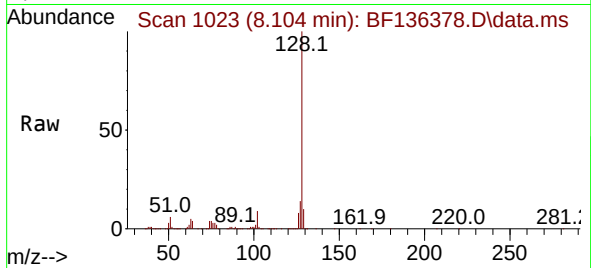




#31
Naphthalene
Concen: 40.411 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

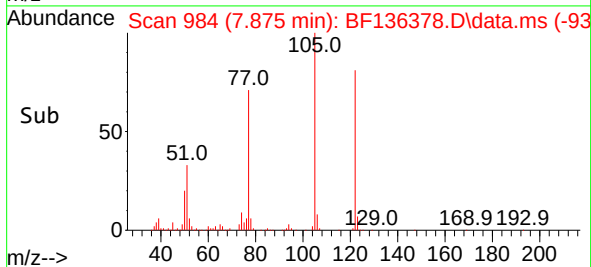
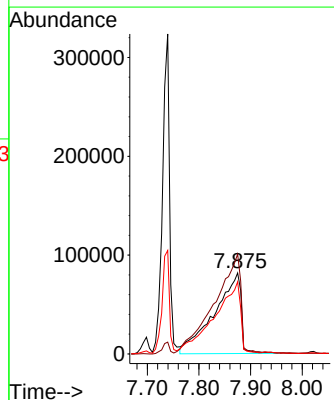
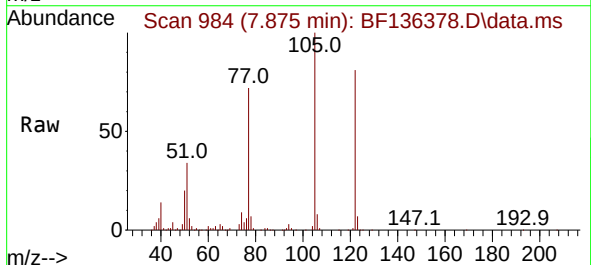
Instrument :
BNA_F
ClientSampleId :

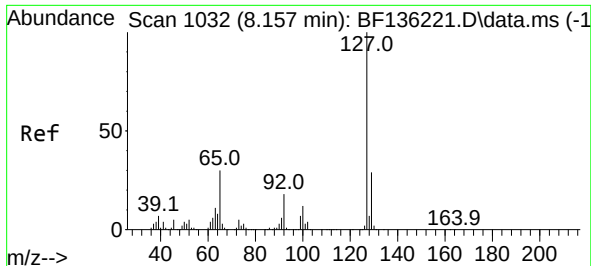
Tgt Ion:128 Resp: 1313305
Ion Ratio Lower Upper
128 100
129 10.0 7.3 10.9
127 13.8 11.8 17.6



#32
Benzoic acid
Concen: 51.478 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Tgt Ion:122 Resp: 291732
Ion Ratio Lower Upper
122 100
105 123.3 103.7 143.7
77 89.0 66.8 106.8

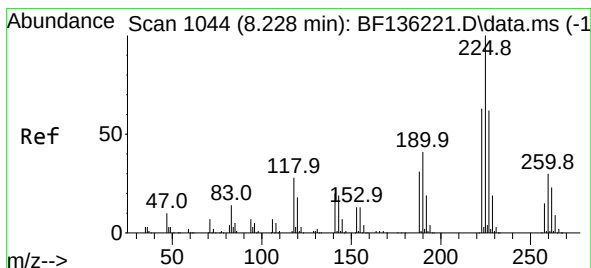
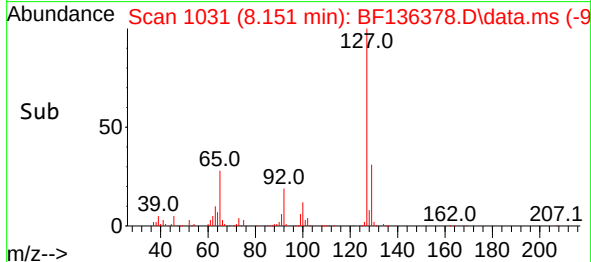
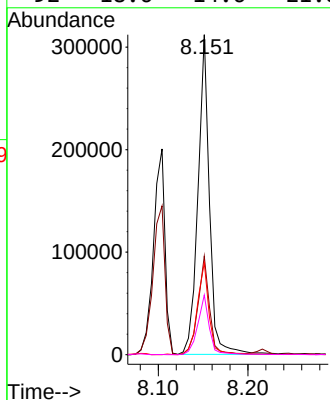
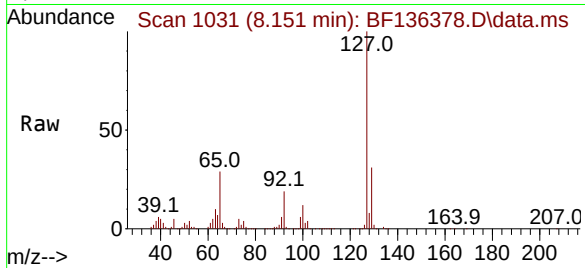




#33
4-Chloroaniline
Concen: 25.162 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

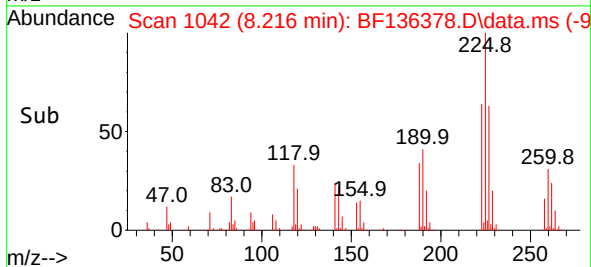
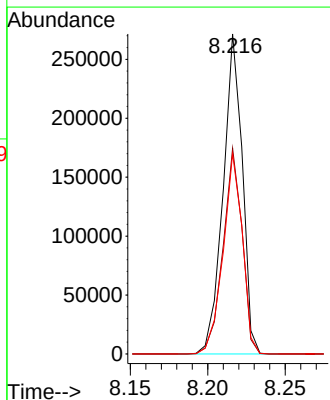
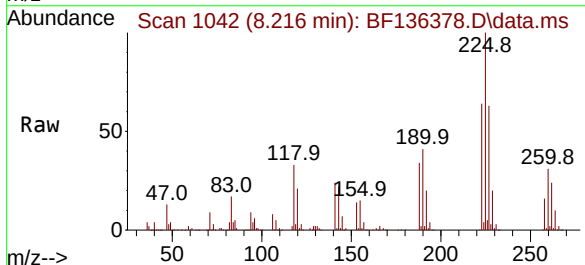
Instrument :
BNA_F
ClientSampleId :

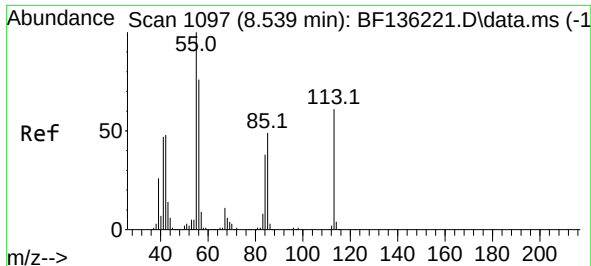
Tgt	Ion:127	Resp:	277956
Ion	Ratio	Lower	Upper
127	100		
129	30.8	23.4	35.2
65	28.7	23.8	35.6
92	18.6	14.6	21.8



#34
Hexachlorobutadiene
Concen: 38.876 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

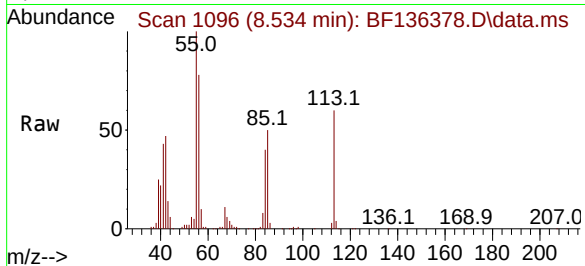
Tgt Ion:225	Resp: 233553		
Ion Ratio	Lower	Upper	
225	100		
223	64.3	50.6	75.8
227	62.6	49.6	74.4



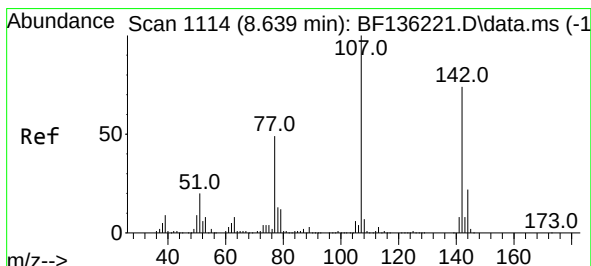
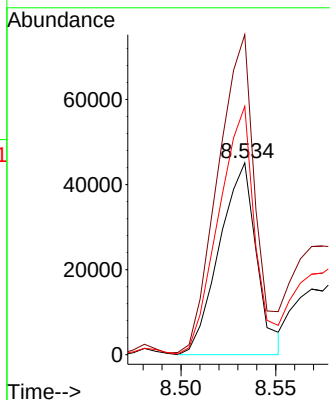
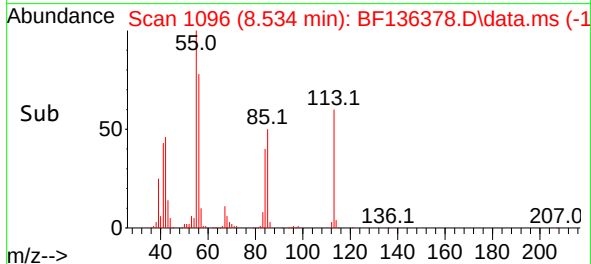


#35
 Caprolactam
 Concen: 26.250 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF136378.D
 Acq: 04 Dec 2023 13:10

Instrument :
 BNA_F
 ClientSampleId :

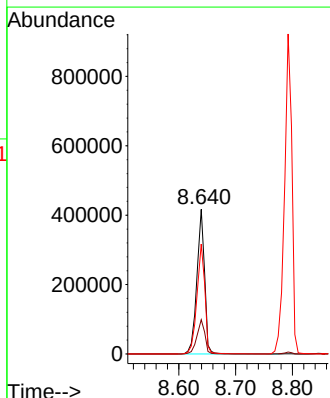
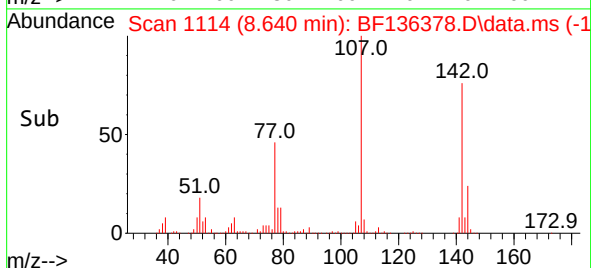
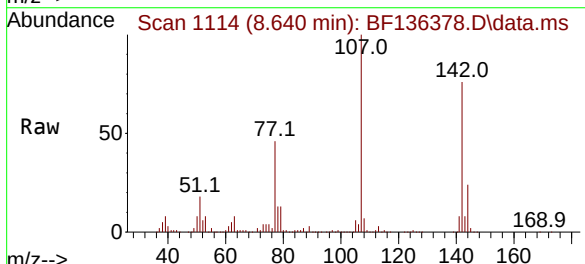


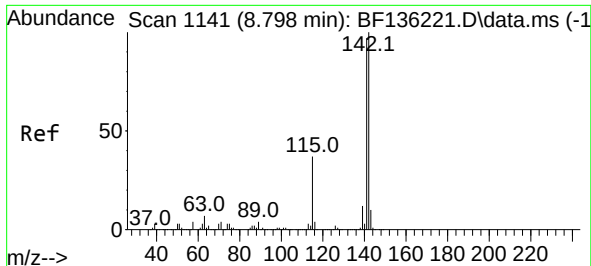
Tgt Ion:113 Resp: 61548
 Ion Ratio Lower Upper
 113 100
 55 166.8 143.1 183.1
 56 129.5 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.750 ng
 RT: 8.640 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136378.D
 Acq: 04 Dec 2023 13:10

Tgt Ion:107 Resp: 397974
 Ion Ratio Lower Upper
 107 100
 144 23.7 17.8 26.8
 142 75.9 59.4 89.0

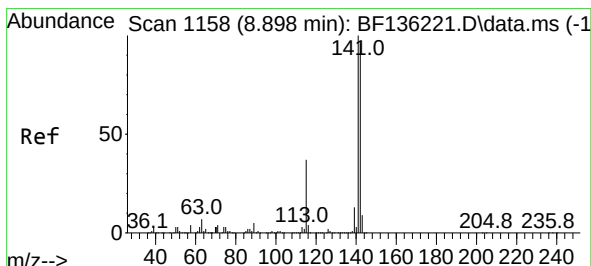
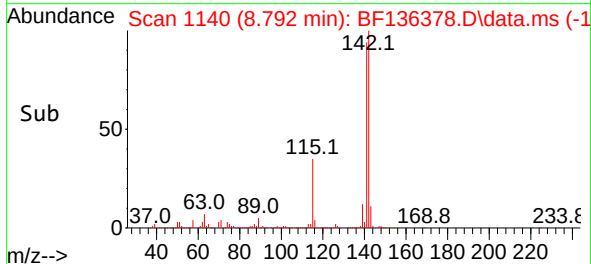
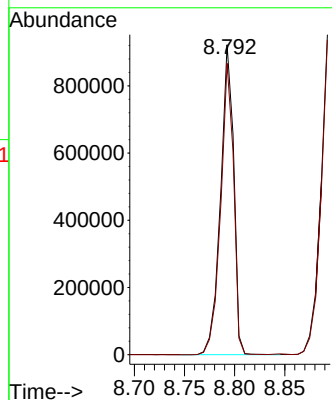
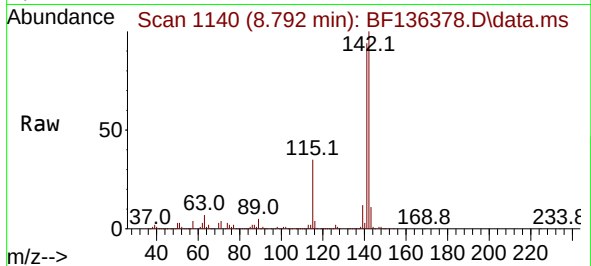




#37
2-Methylnaphthalene
Concen: 41.295 ng
RT: 8.792 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

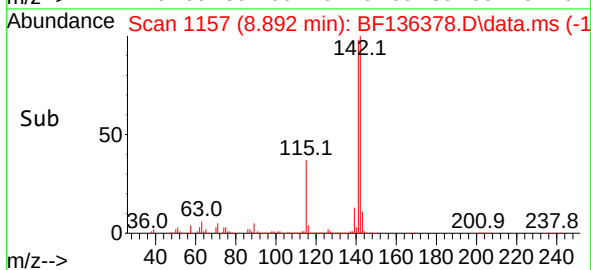
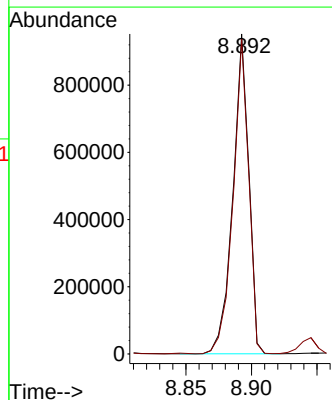
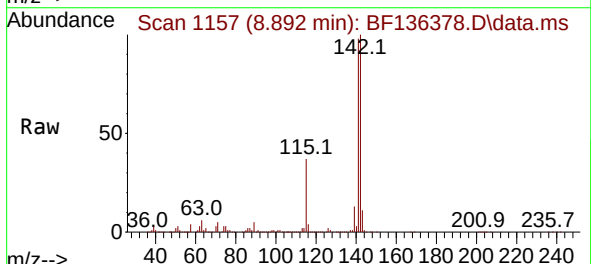
Instrument :
BNA_F
ClientSampleId :

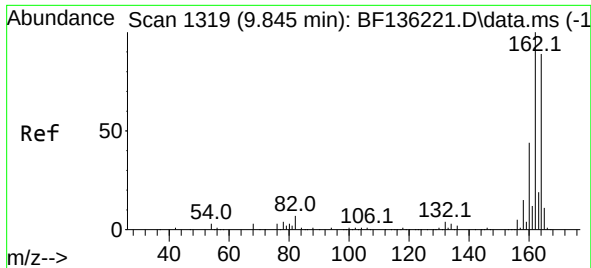
Tgt Ion:142 Resp: 841830
Ion Ratio Lower Upper
142 100
141 94.0 77.8 116.8



#38
1-Methylnaphthalene
Concen: 40.414 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Tgt Ion:142 Resp: 803701
Ion Ratio Lower Upper
142 100
141 98.4 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

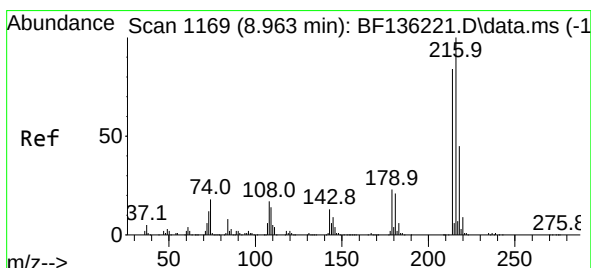
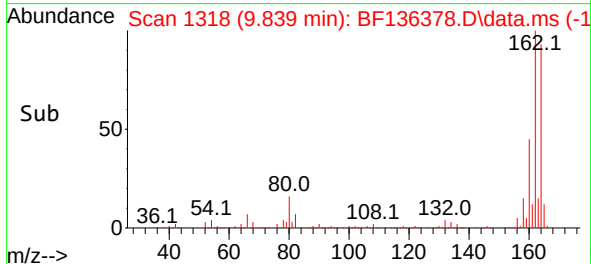
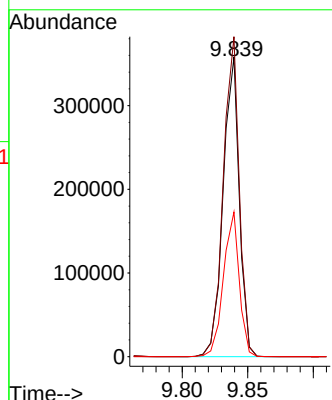
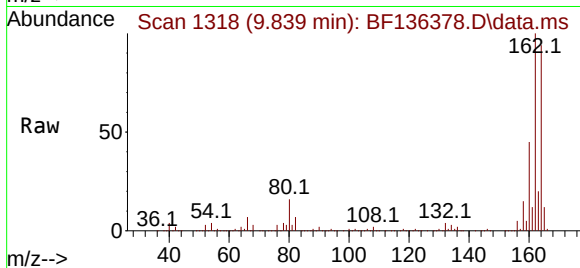
Tgt Ion:164 Resp: 305772

Ion Ratio Lower Upper

164 100

162 106.8 89.5 134.3

160 48.3 39.6 59.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.124 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Tgt Ion:216 Resp: 409920

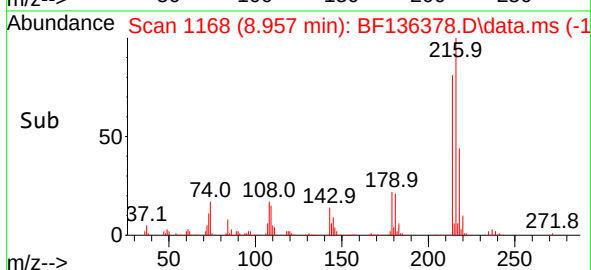
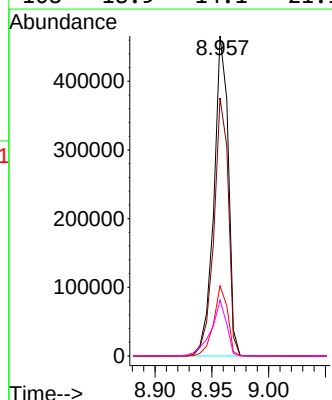
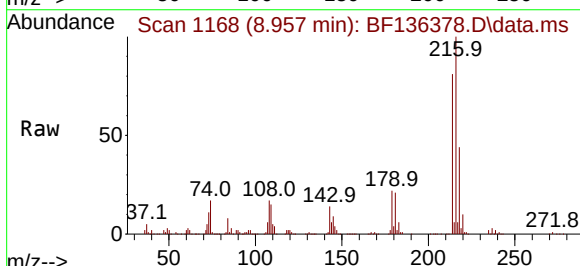
Ion Ratio Lower Upper

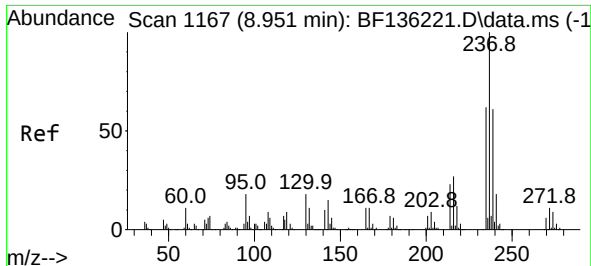
216 100

214 80.7 65.8 98.8

179 21.3 17.4 26.0

108 18.9 14.1 21.1

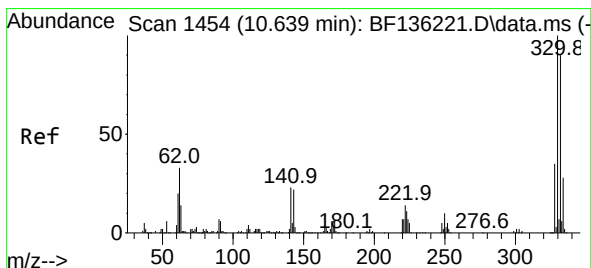
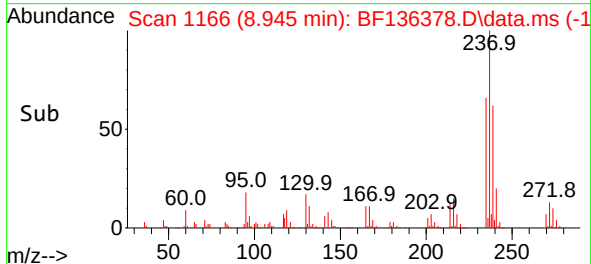
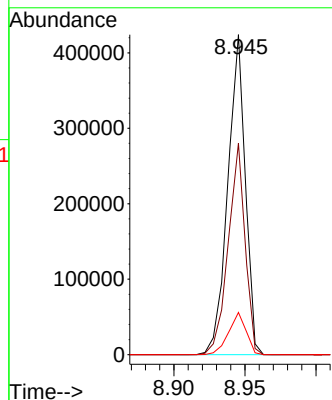
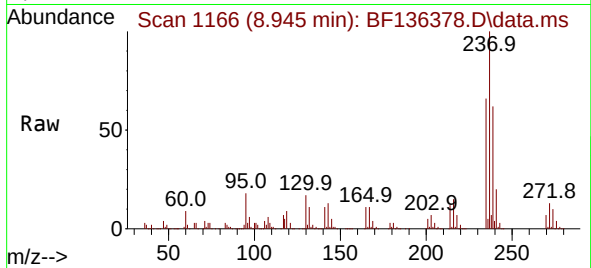




#41
Hexachlorocyclopentadiene
Concen: 97.003 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

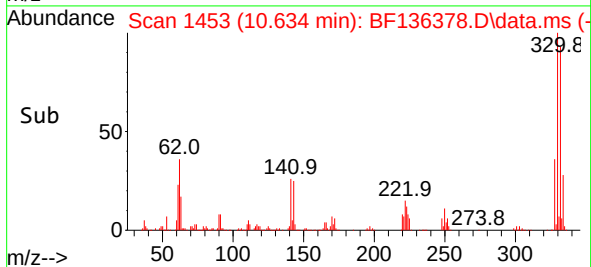
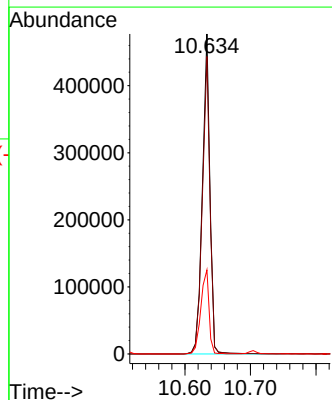
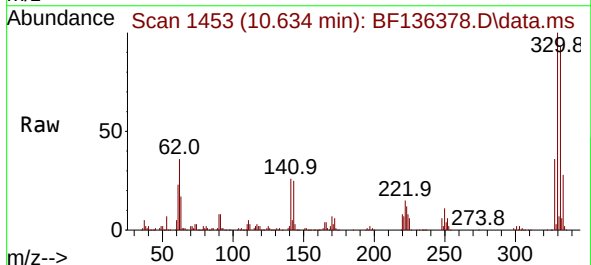
Instrument :
BNA_F
ClientSampleId :

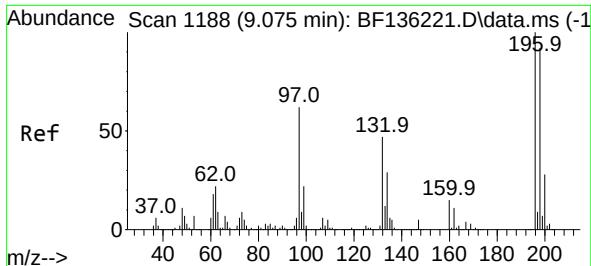
Tgt Ion:237 Resp: 363221
Ion Ratio Lower Upper
237 100
235 66.1 42.1 82.1
272 13.2 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 102.129 ng
RT: 10.634 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Tgt Ion:330 Resp: 381789
Ion Ratio Lower Upper
330 100
332 94.1 73.0 109.6
141 28.7 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 43.295 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

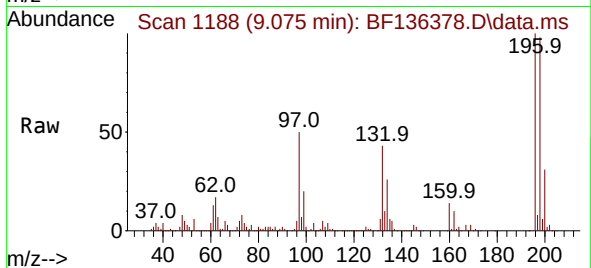
Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :



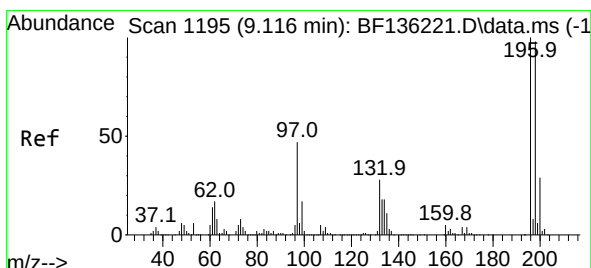
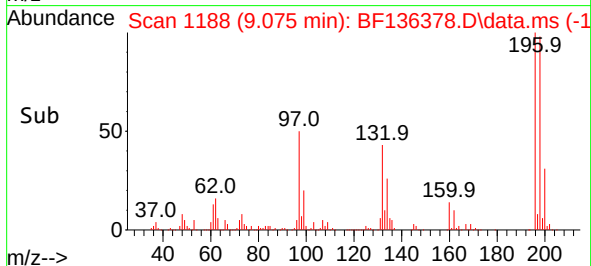
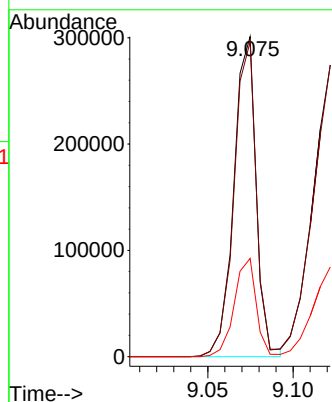
Tgt Ion:196 Resp: 273462

Ion Ratio Lower Upper

196 100

198 98.4 73.2 109.8

200 30.7 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 41.691 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Tgt Ion:196 Resp: 287372

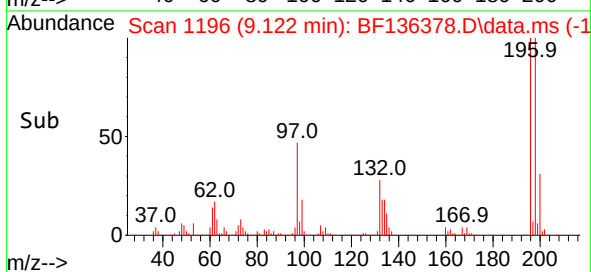
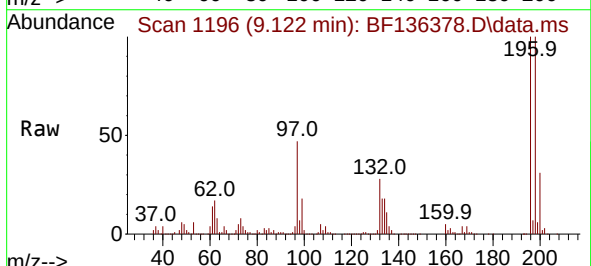
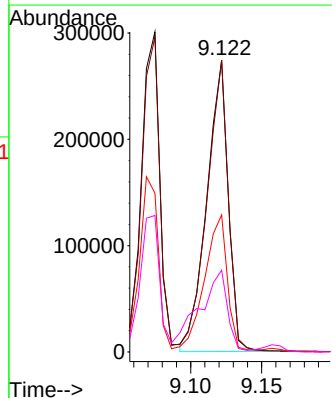
Ion Ratio Lower Upper

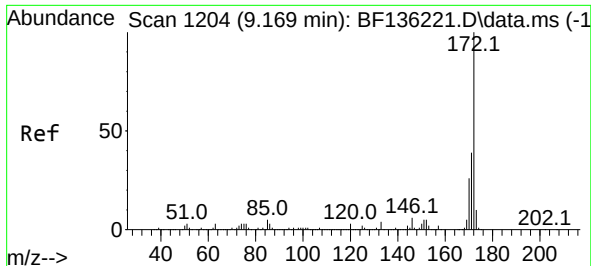
196 100

198 100.0 78.8 118.2

97 47.0 37.8 56.8

132 28.0 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 60.126 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

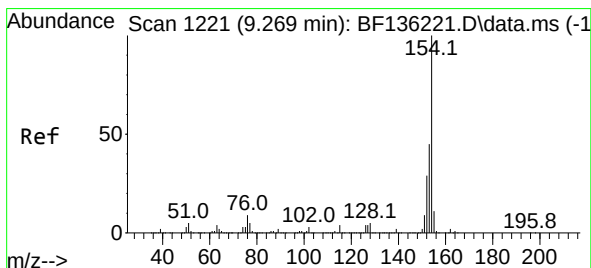
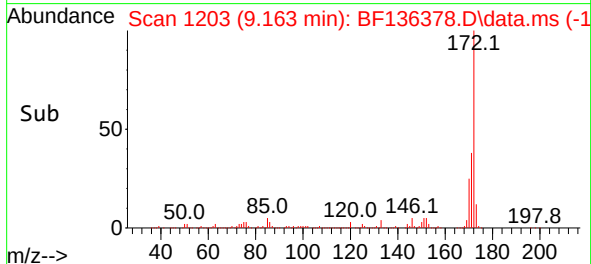
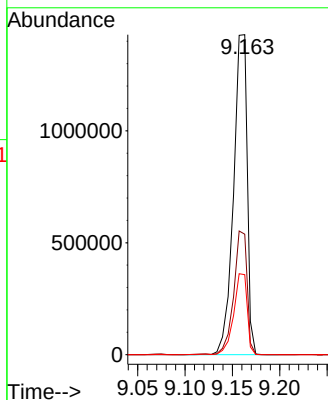
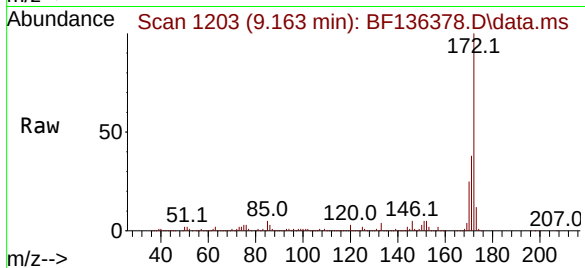
Tgt Ion:172 Resp: 1439336

Ion Ratio Lower Upper

172 100

171 37.7 31.5 47.3

170 25.0 20.8 31.2



#46

1,1'-Biphenyl

Concen: 41.395 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

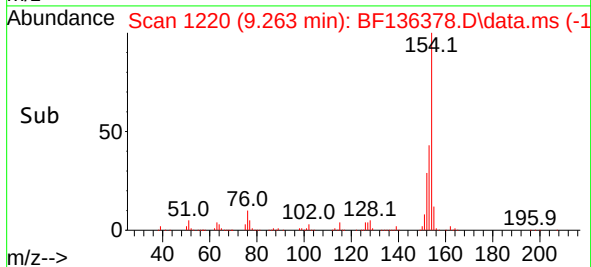
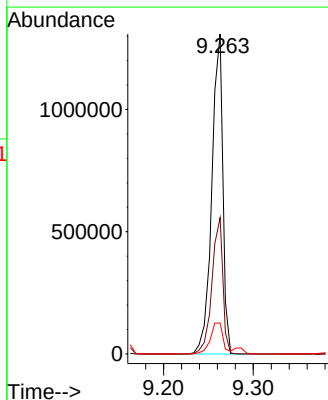
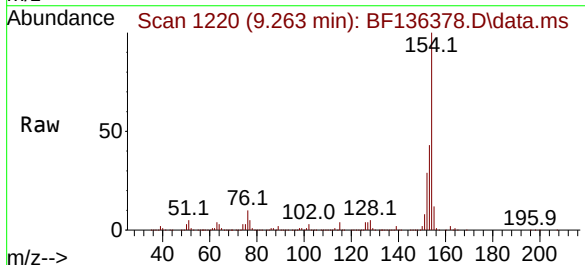
Tgt Ion:154 Resp: 1116186

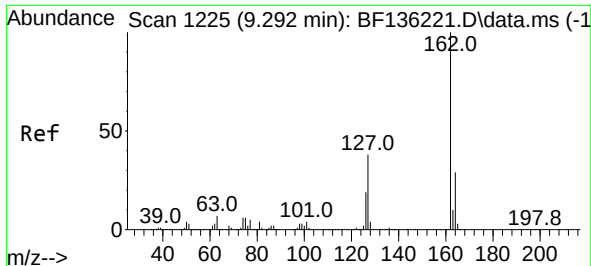
Ion Ratio Lower Upper

154 100

153 42.6 24.6 64.6

76 9.7 0.0 29.4

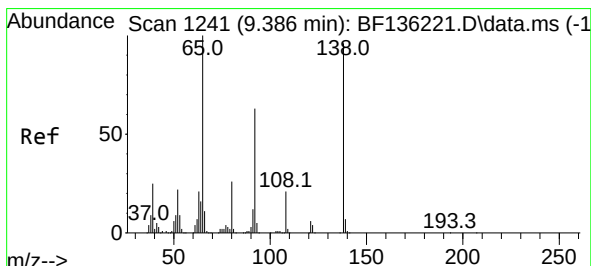
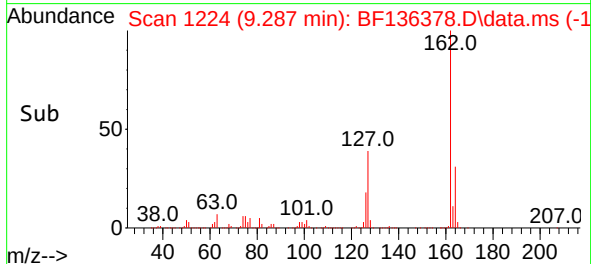
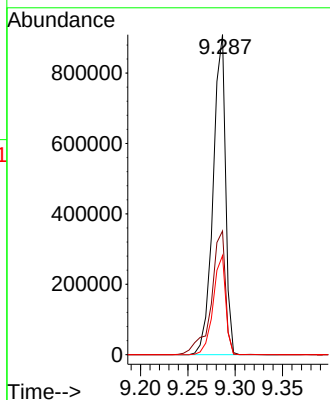
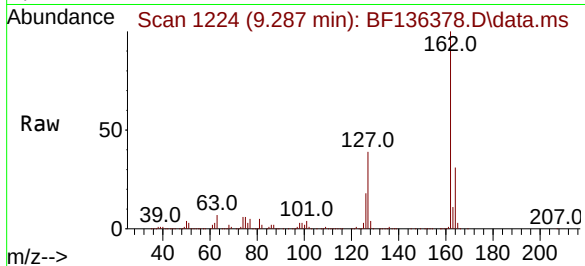




#47
2-Chloronaphthalene
Concen: 39.573 ng
RT: 9.287 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

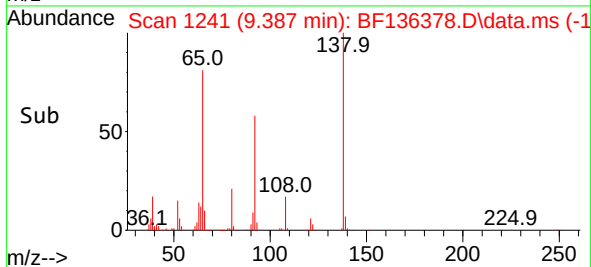
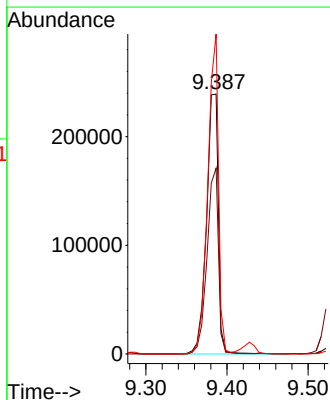
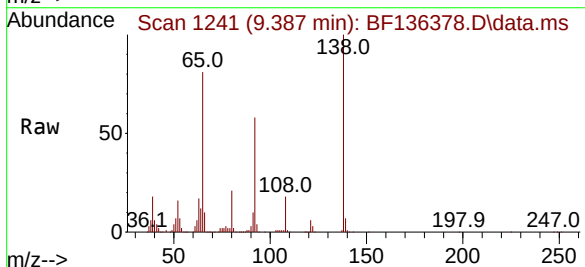
Instrument :
BNA_F
ClientSampleId :

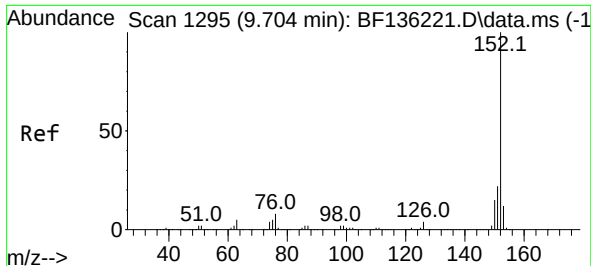
Tgt Ion:162 Resp: 828665
Ion Ratio Lower Upper
162 100
127 38.7 30.2 45.2
164 30.9 22.8 34.2



#48
2-Nitroaniline
Concen: 44.074 ng
RT: 9.387 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

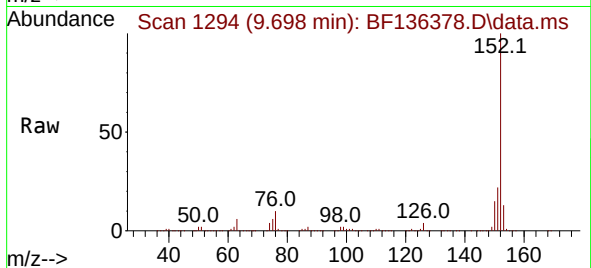
Tgt Ion: 65 Resp: 240960
Ion Ratio Lower Upper
65 100
92 71.5 50.6 75.8
138 123.1 76.7 115.1#



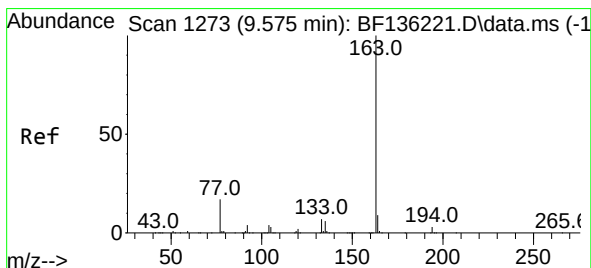
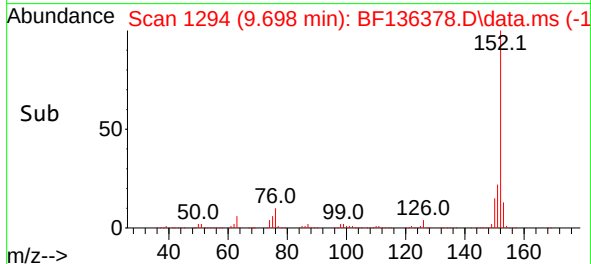
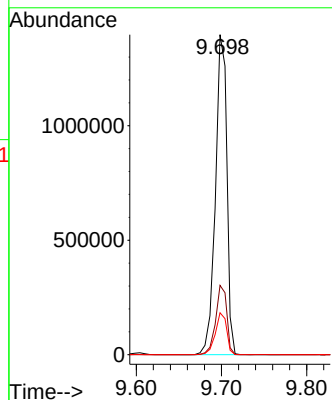


#49
Acenaphthylene
Concen: 43.568 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Instrument :
BNA_F
ClientSampleId :

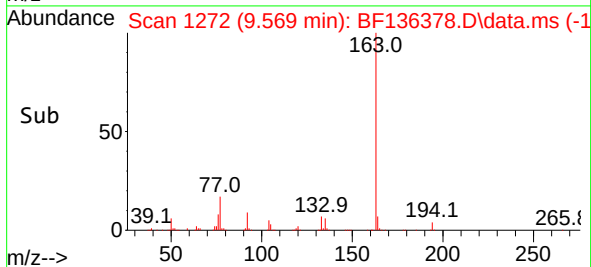
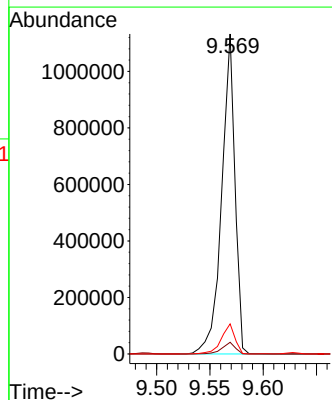
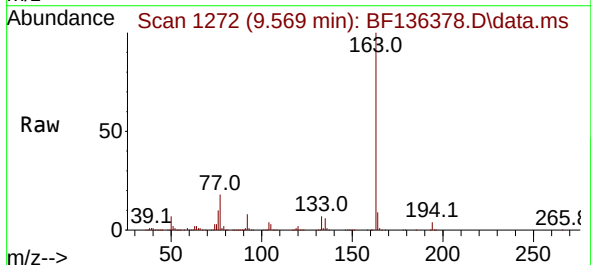


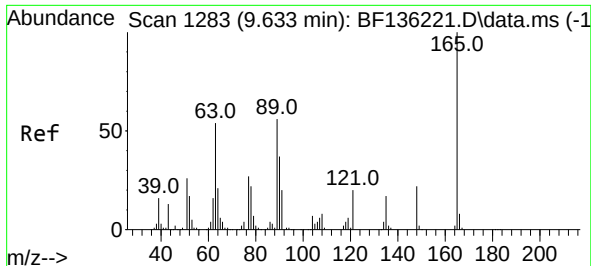
Tgt Ion:152 Resp: 1301943
Ion Ratio Lower Upper
152 100
151 21.7 17.5 26.3
153 13.1 9.6 14.4



#50
Dimethylphthalate
Concen: 42.319 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Tgt Ion:163 Resp: 978017
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7
164 9.4 7.0 10.6

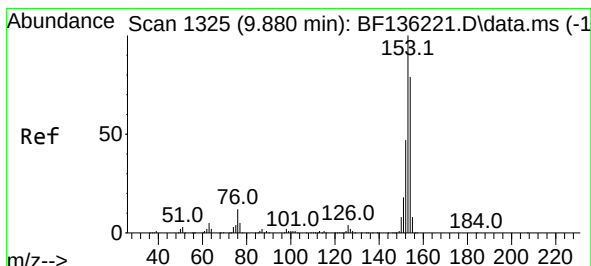
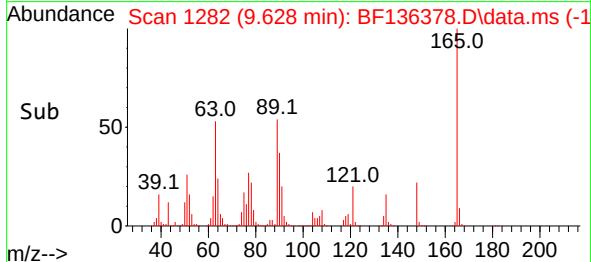
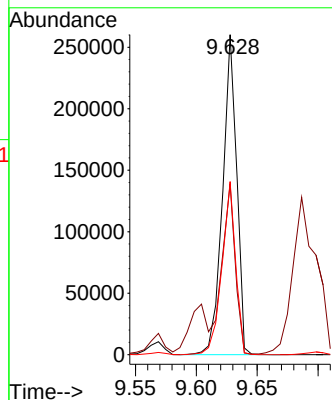
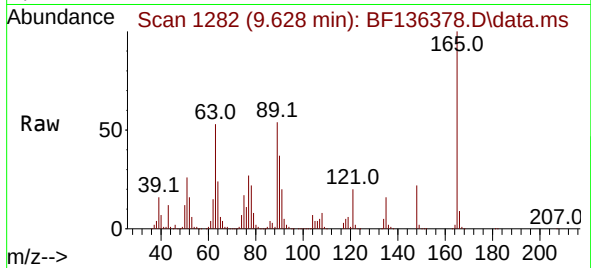




#51
2,6-Dinitrotoluene
Concen: 44.423 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

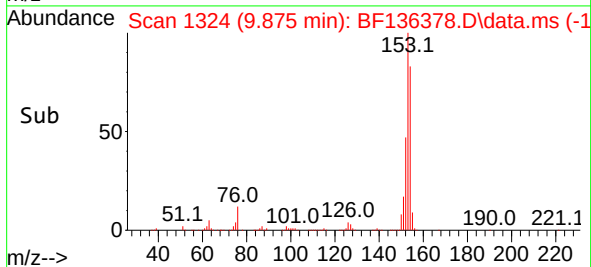
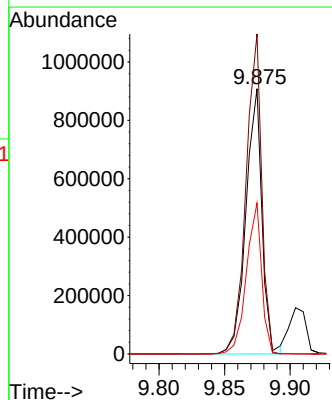
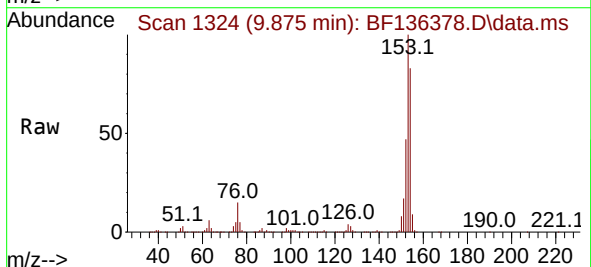
Instrument :
BNA_F
ClientSampleId :

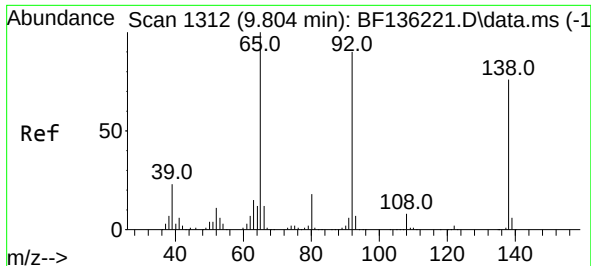
Tgt Ion:165 Resp: 209739
Ion Ratio Lower Upper
165 100
63 53.4 46.2 69.2
89 54.1 44.9 67.3



#52
Acenaphthene
Concen: 41.145 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Tgt Ion:154 Resp: 776996
Ion Ratio Lower Upper
154 100
153 120.6 100.8 151.2
152 56.9 47.0 70.6

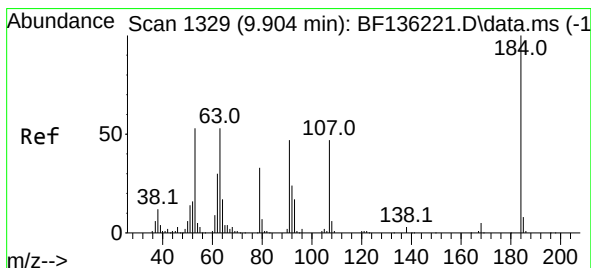
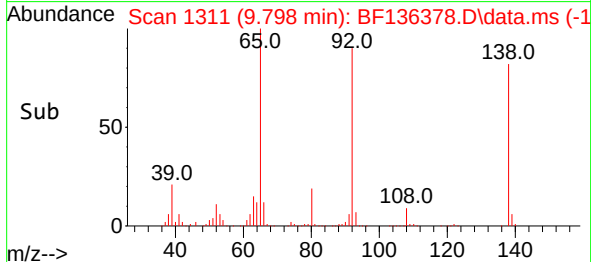
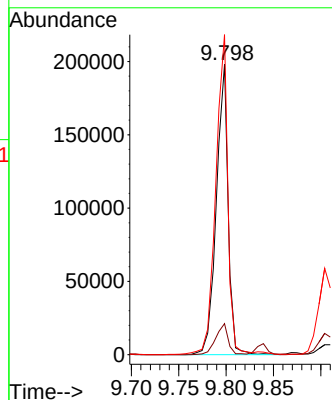
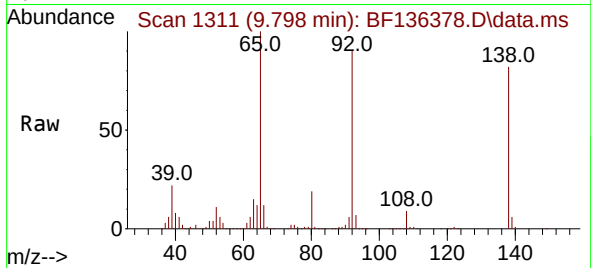




#53
3-Nitroaniline
Concen: 36.683 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

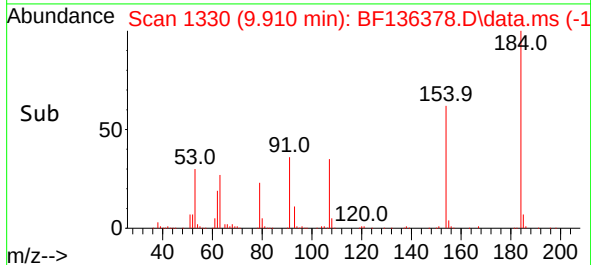
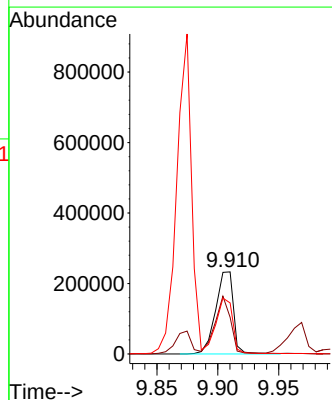
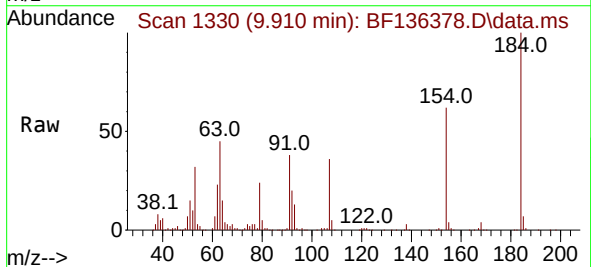
Instrument :
BNA_F
ClientSampleId :

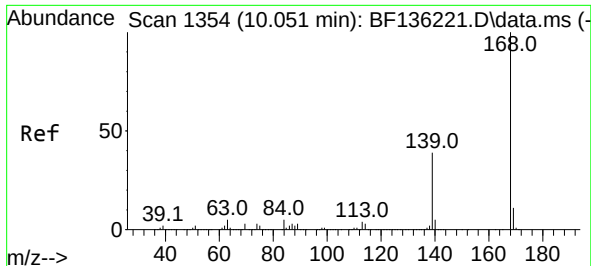
Tgt Ion:138 Resp: 171848
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 110.3 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 108.247 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

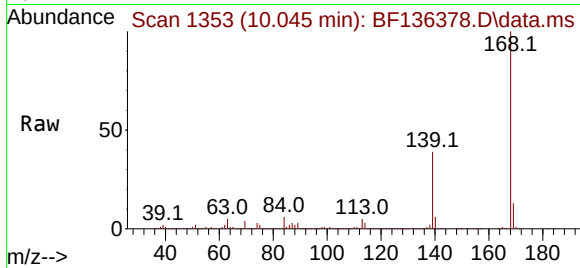
Tgt Ion:184 Resp: 237694
Ion Ratio Lower Upper
184 100
63 44.6 55.0 82.4#
154 62.1 54.9 82.3



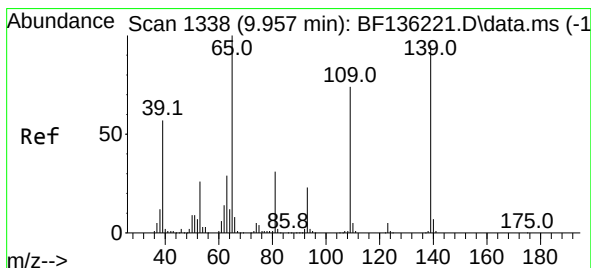
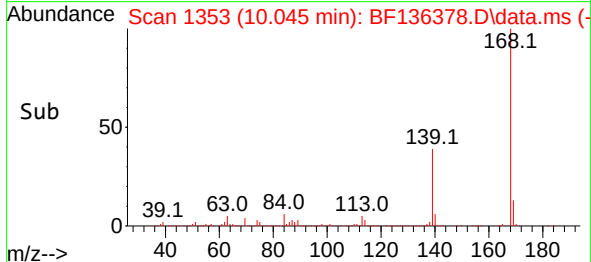
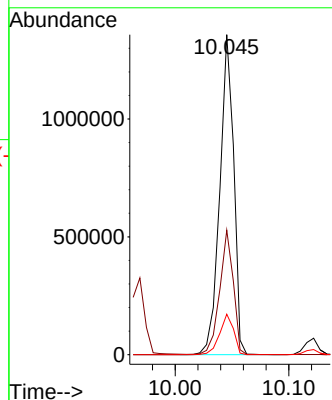


#55
Dibenzenofuran
Concen: 41.147 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Instrument :
BNA_F
ClientSampleId :

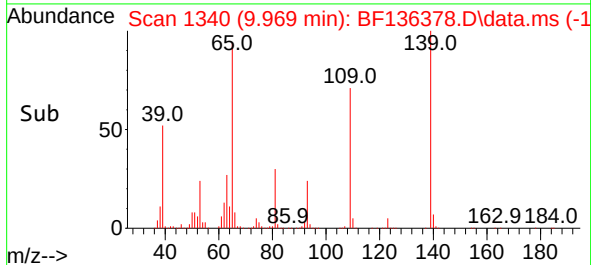
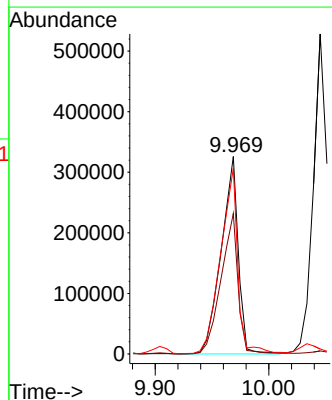
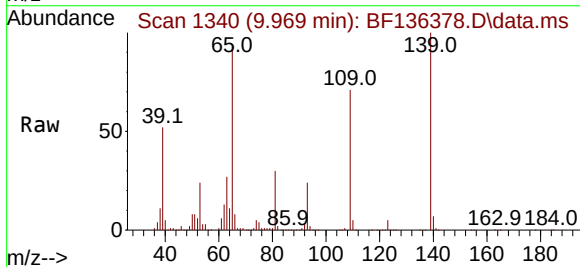


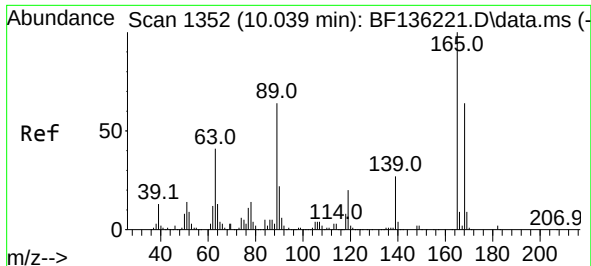
Tgt Ion:168 Resp: 1156255
Ion Ratio Lower Upper
168 100
139 38.9 30.9 46.3
169 12.6 9.1 13.7



#56
4-Nitrophenol
Concen: 96.231 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

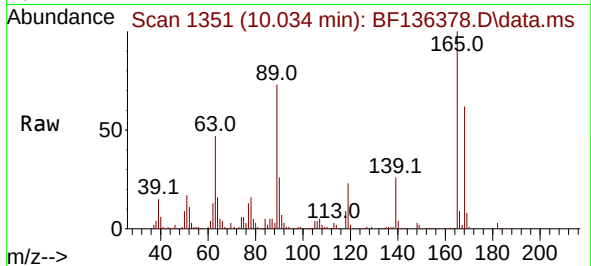
Tgt Ion:139 Resp: 342394
Ion Ratio Lower Upper
139 100
109 71.2 57.8 97.8
65 94.0 86.0 126.0



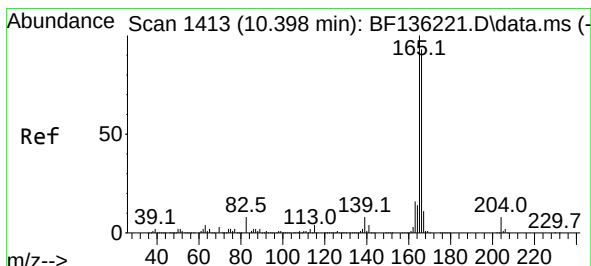
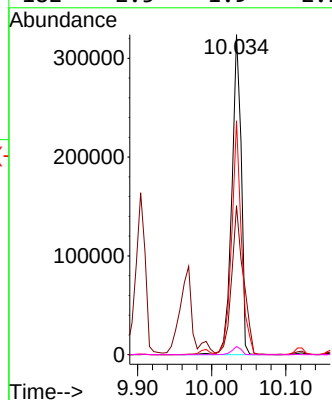
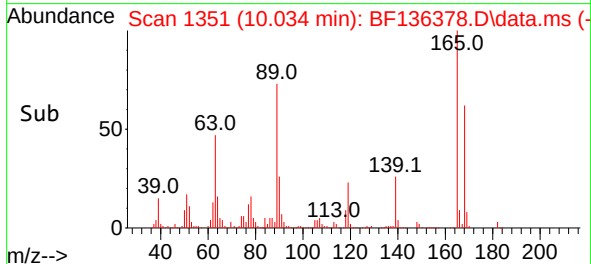


#57
2,4-Dinitrotoluene
Concen: 44.830 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

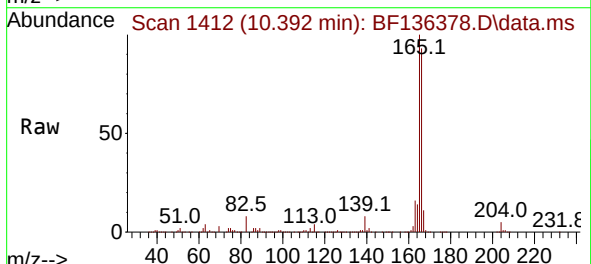
Instrument :
BNA_F
ClientSampleId :



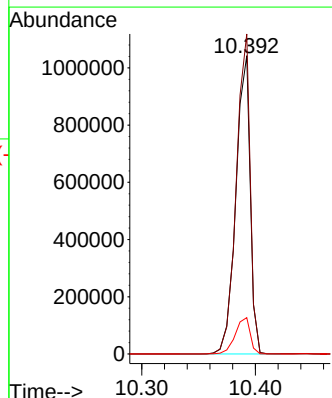
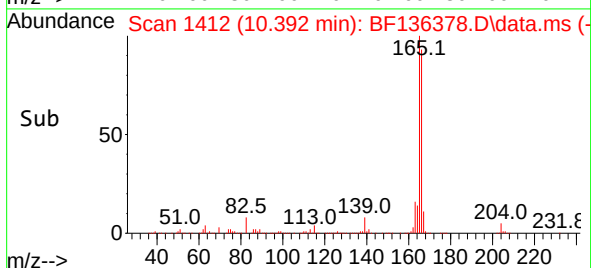
Tgt Ion:165 Resp: 282729
Ion Ratio Lower Upper
165 100
63 46.5 33.0 49.4
89 73.1 51.5 77.3
182 2.5 1.9 2.9

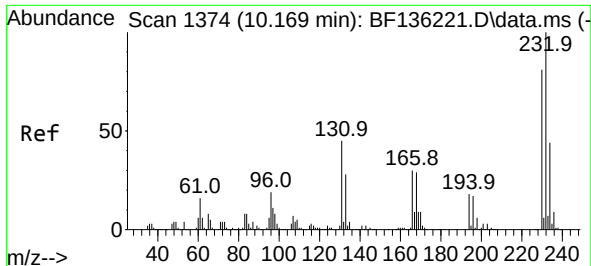


#58
Fluorene
Concen: 41.264 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10



Tgt Ion:166 Resp: 909552
Ion Ratio Lower Upper
166 100
165 107.3 86.2 129.4
167 12.2 9.1 13.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.996 ng

RT: 10.163 min Scan# 1373

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 241287

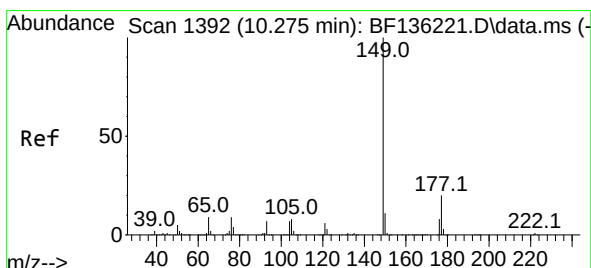
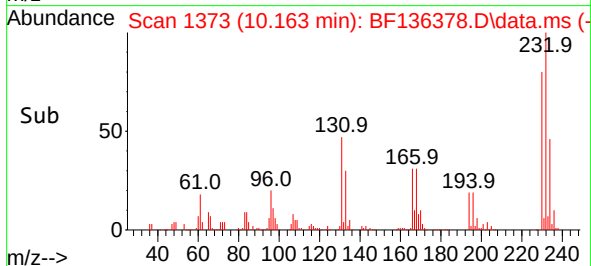
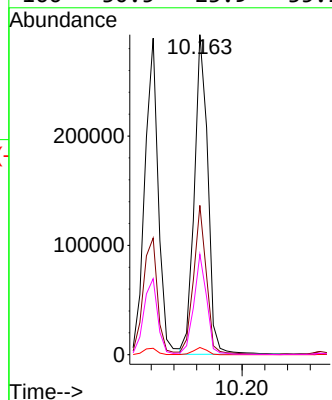
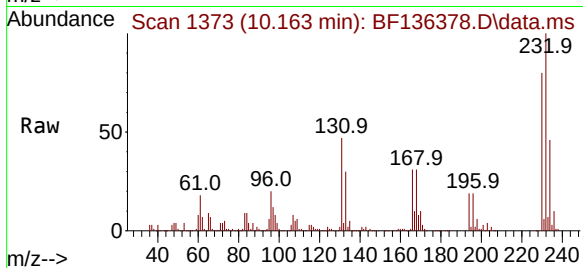
Ion Ratio Lower Upper

232 100

131 44.8 36.4 54.6

130 2.2 1.9 2.9

166 30.5 23.9 35.9



#60

Diethylphthalate

Concen: 42.276 ng

RT: 10.269 min Scan# 1391

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

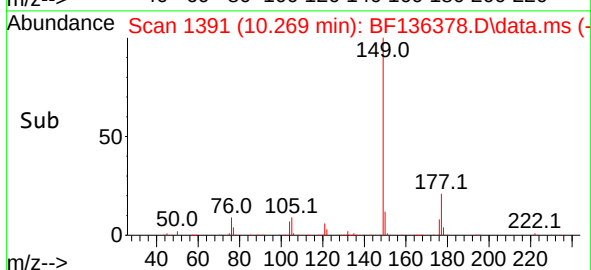
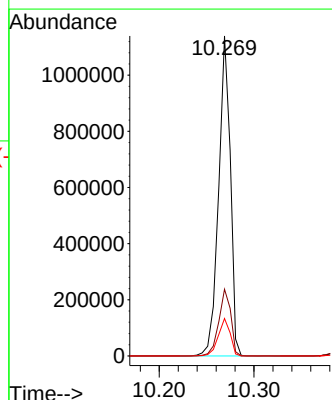
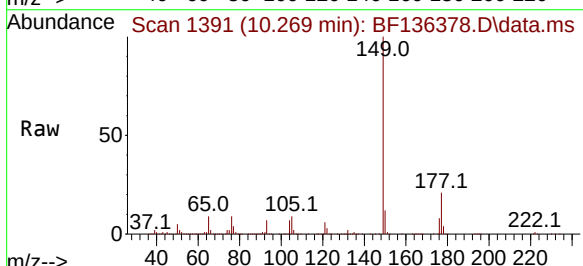
Tgt Ion:149 Resp: 977342

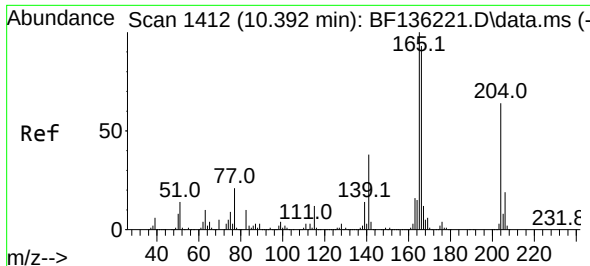
Ion Ratio Lower Upper

149 100

177 20.8 15.8 23.6

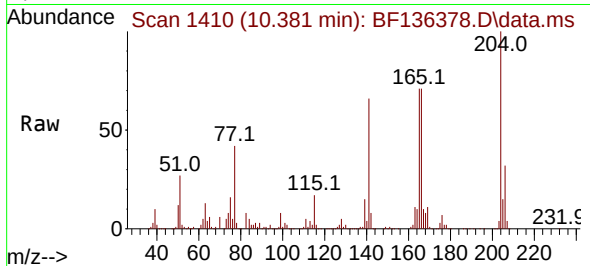
150 11.7 8.8 13.2



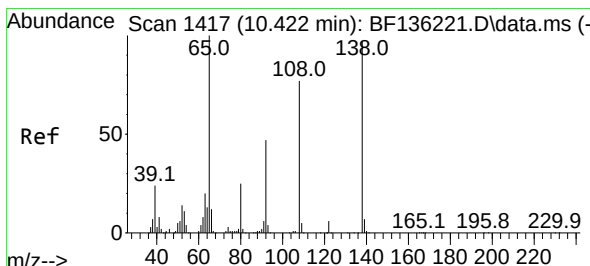
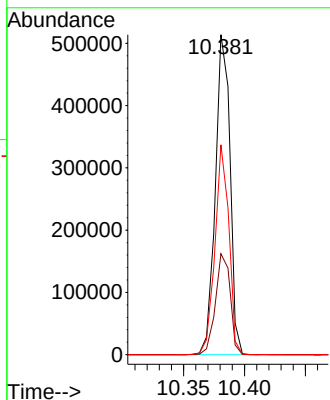
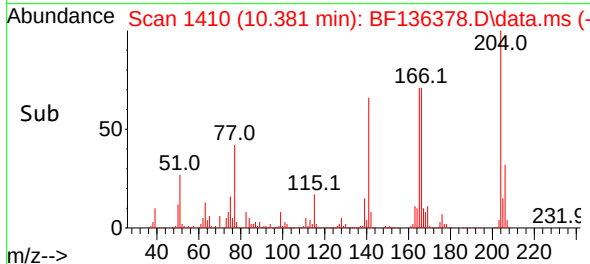


#61
4-Chlorophenyl-phenylether
Concen: 40.312 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

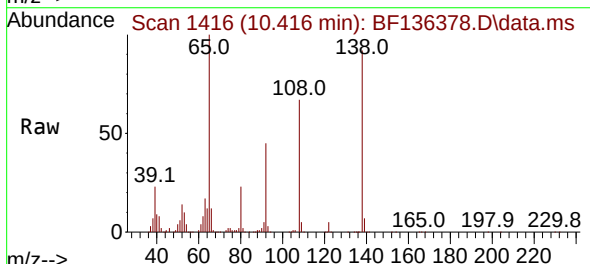
Instrument :
BNA_F
ClientSampleId :



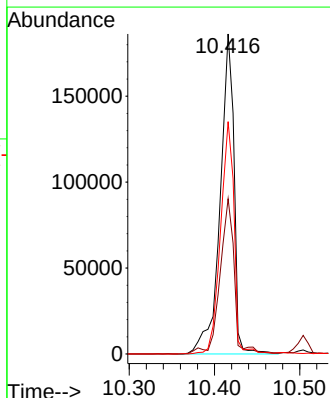
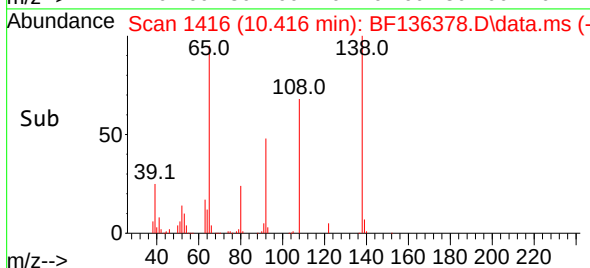
Tgt Ion:204 Resp: 431512
Ion Ratio Lower Upper
204 100
206 31.6 23.4 35.0
141 65.6 47.6 71.4

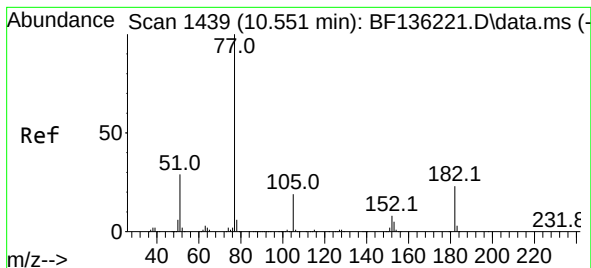


#62
4-Nitroaniline
Concen: 46.033 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10



Tgt Ion:138 Resp: 211090
Ion Ratio Lower Upper
138 100
92 48.5 28.5 68.5
108 72.6 59.8 99.8





#63

Azobenzene

Concen: 40.728 ng

RT: 10.545 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 872892

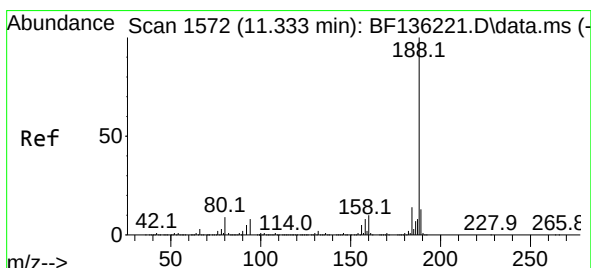
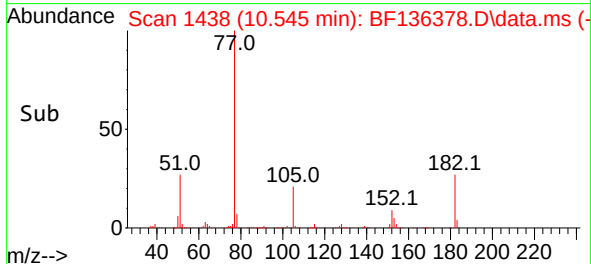
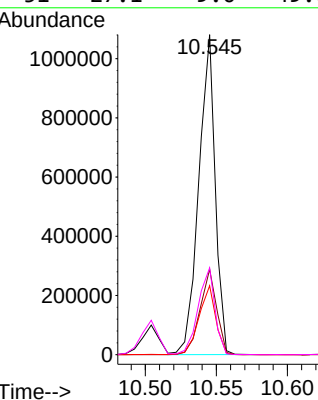
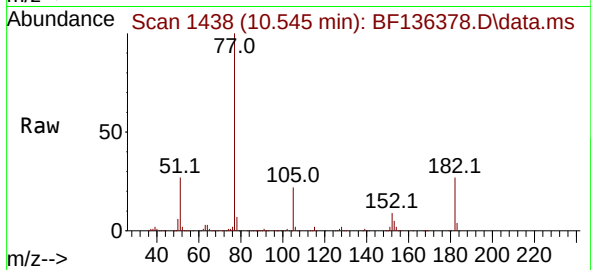
Ion Ratio Lower Upper

77 100

182 26.7 3.3 43.3

105 21.6 0.0 39.5

51 27.1 9.0 49.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

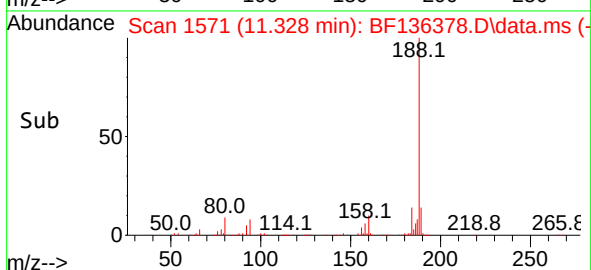
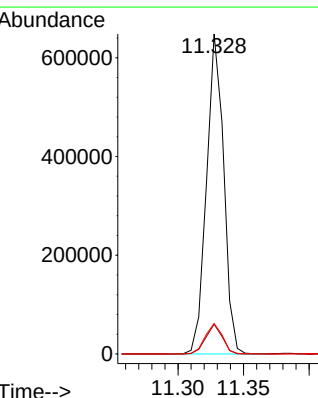
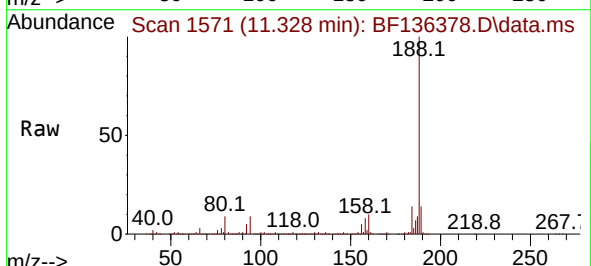
Tgt Ion: 188 Resp: 588985

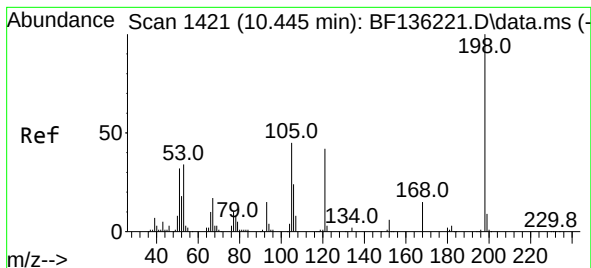
Ion Ratio Lower Upper

188 100

94 9.3 6.7 10.1

80 9.5 7.2 10.8

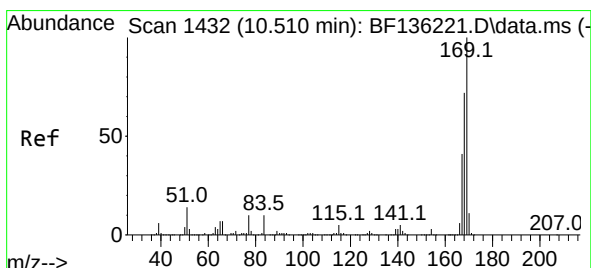
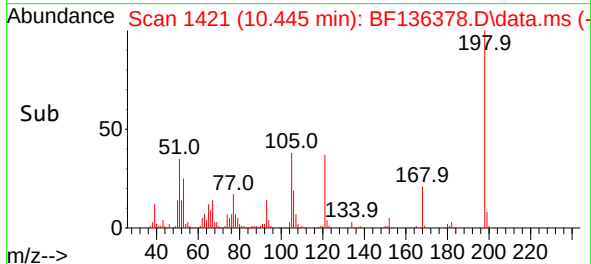
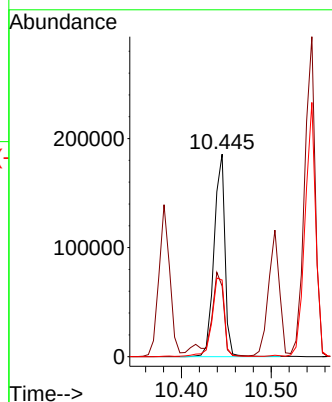
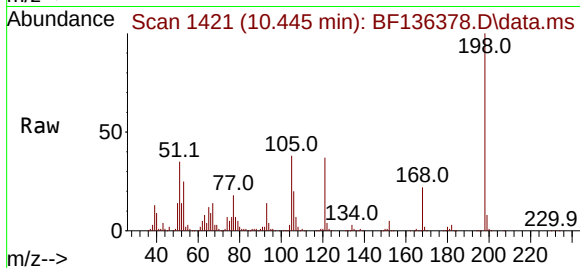




#65
4,6-Dinitro-2-methylphenol
Concen: 48.503 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

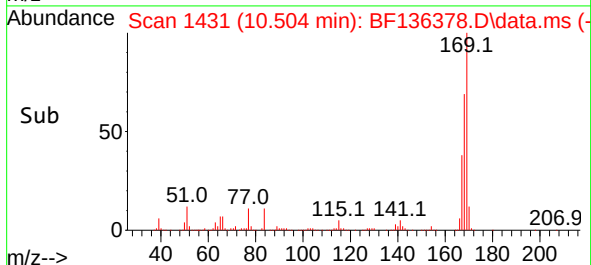
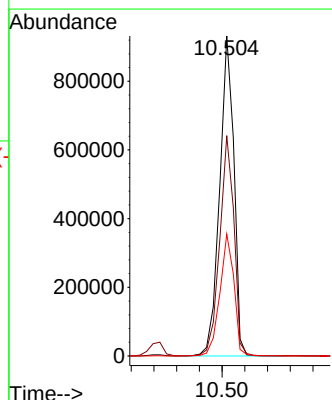
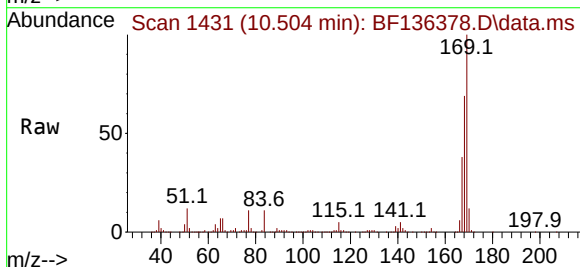
Instrument :
BNA_F
ClientSampleId :

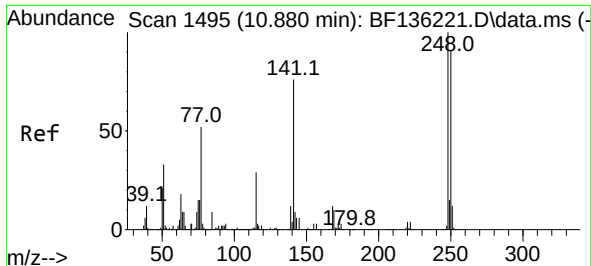
Tgt Ion:198 Resp: 156220
Ion Ratio Lower Upper
198 100
51 34.9 28.2 68.2
105 37.8 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 43.080 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

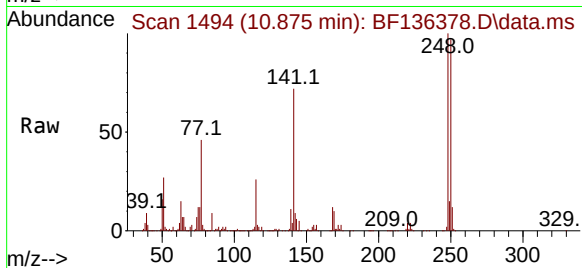
Tgt Ion:169 Resp: 813121
Ion Ratio Lower Upper
169 100
168 68.8 57.8 86.6
167 38.1 32.7 49.1



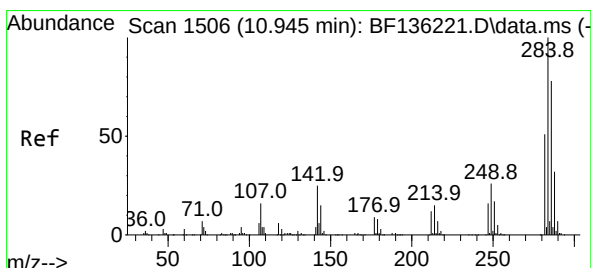
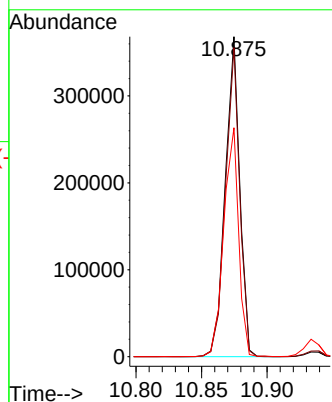
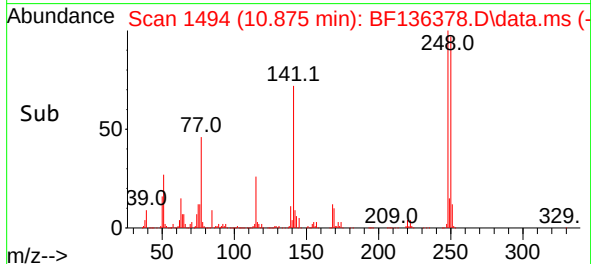


#67
4-Bromophenyl-phenylether
Concen: 41.218 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

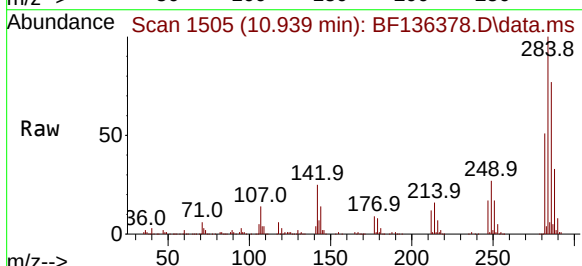
Instrument :
BNA_F
ClientSampleId :



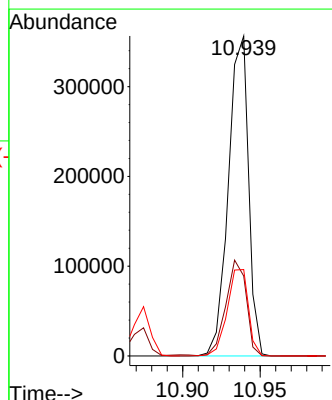
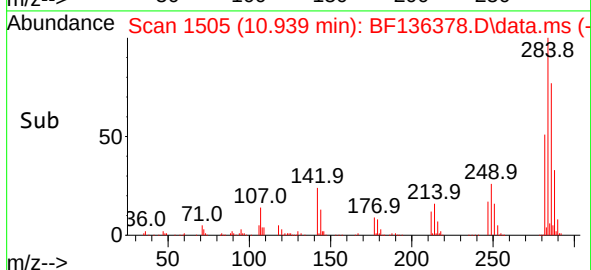
Tgt Ion:248 Resp: 283230
Ion Ratio Lower Upper
248 100
250 96.6 72.5 108.7
141 71.5 60.8 91.2

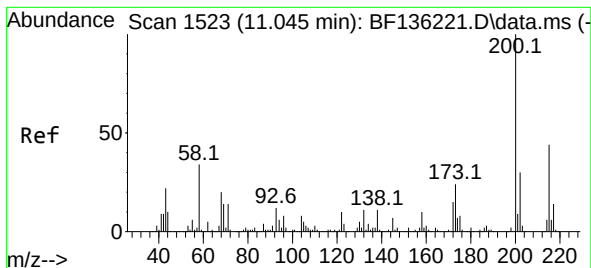


#68
Hexachlorobenzene
Concen: 40.492 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10



Tgt Ion:284 Resp: 322025
Ion Ratio Lower Upper
284 100
142 25.0 19.8 29.8
249 27.0 21.0 31.4





#69

Atrazine

Concen: 47.195 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.006 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

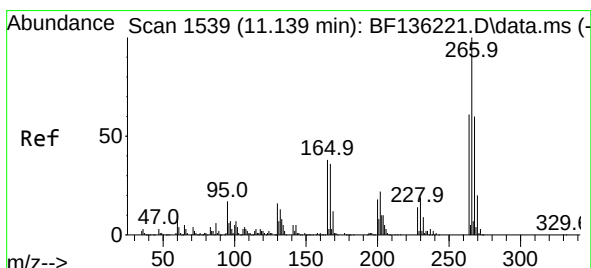
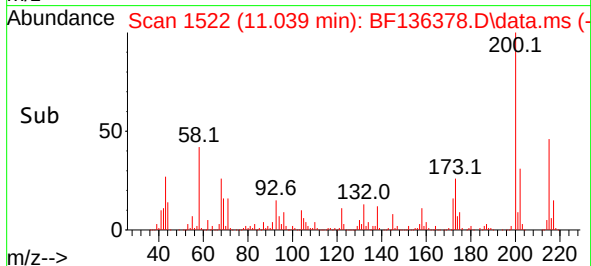
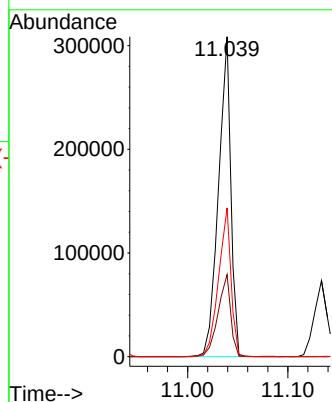
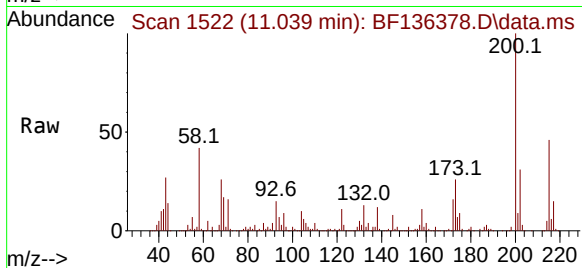
Tgt Ion:200 Resp: 264250

Ion Ratio Lower Upper

200 100

173 25.7 4.3 44.3

215 46.5 23.8 63.8



#70

Pentachlorophenol

Concen: 78.160 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

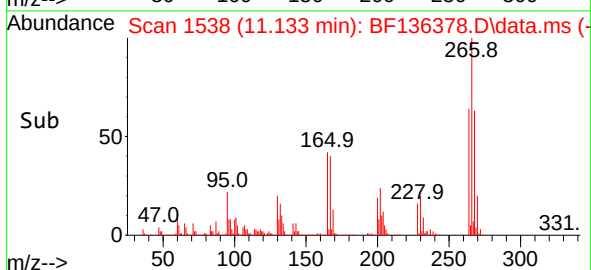
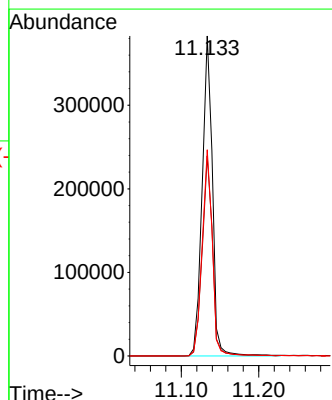
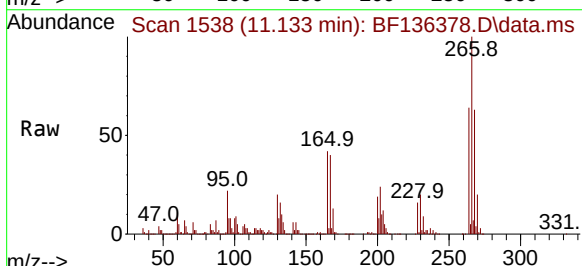
Tgt Ion:266 Resp: 351360

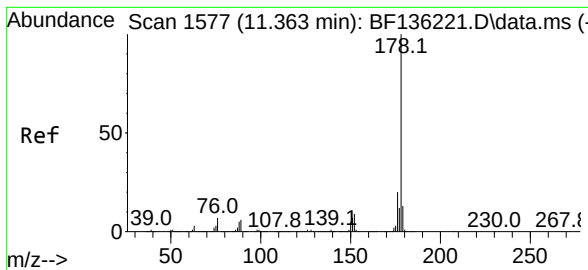
Ion Ratio Lower Upper

266 100

268 62.5 47.9 71.9

264 64.5 49.1 73.7

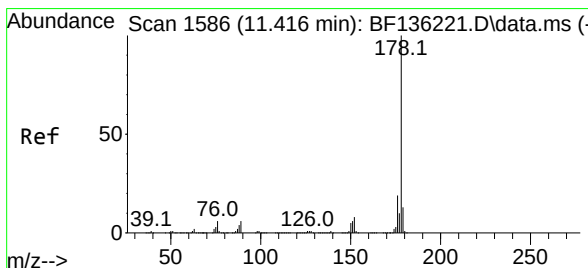
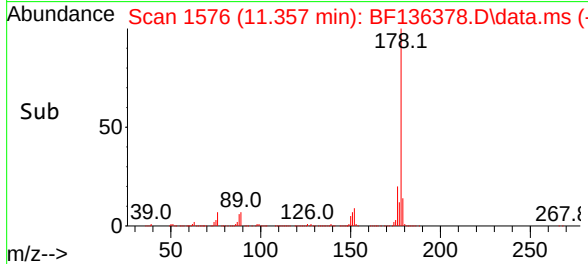
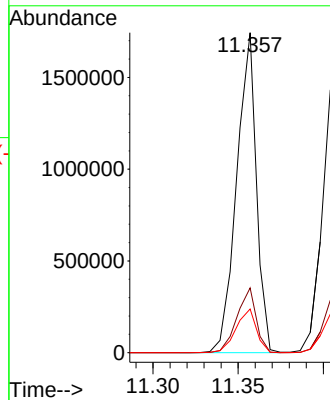
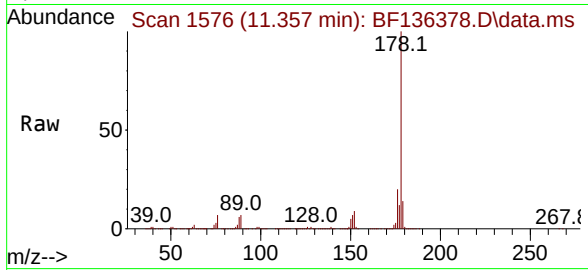




#71
Phenanthrene
Concen: 42.503 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

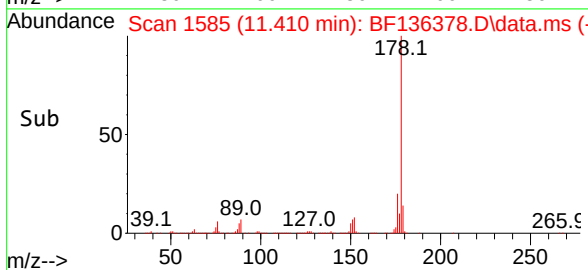
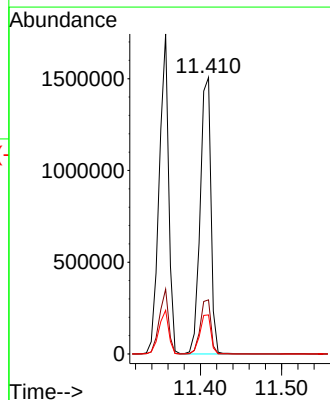
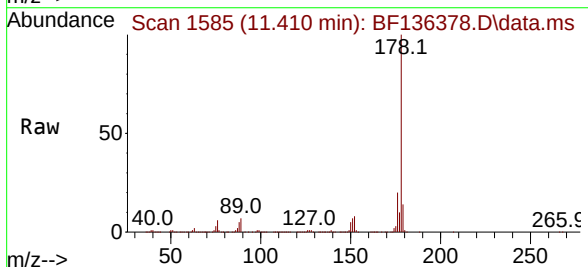
Instrument :
BNA_F
ClientSampleId :

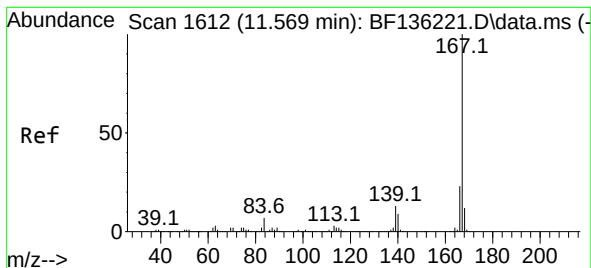
Tgt Ion:178 Resp: 1406996
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 13.7 10.3 15.5



#72
Anthracene
Concen: 41.731 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Tgt Ion:178 Resp: 1385345
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 14.1 10.5 15.7





#73

Carbazole

Concen: 42.287 ng

RT: 11.563 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

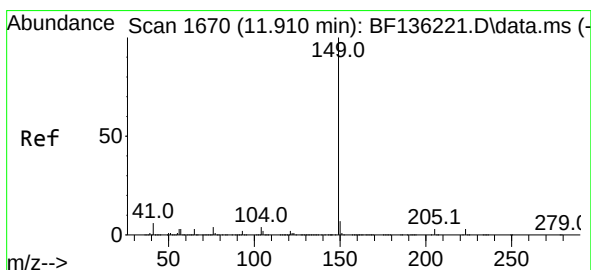
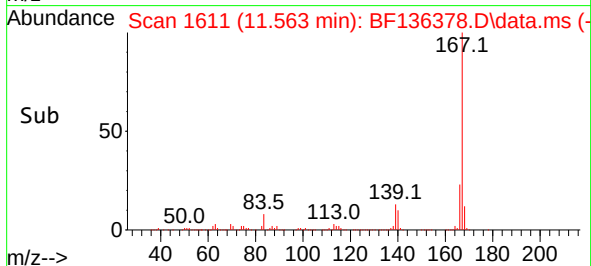
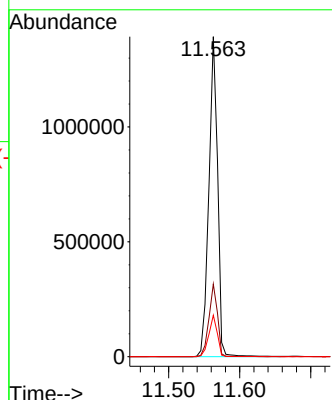
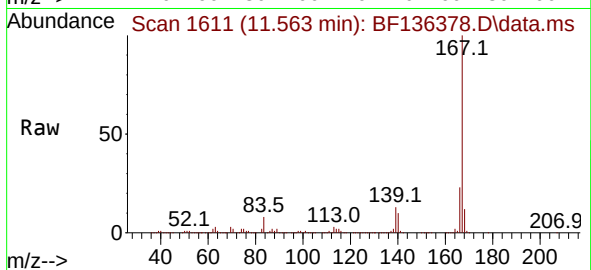
Tgt Ion:167 Resp: 1193946

Ion Ratio Lower Upper

167 100

166 22.7 18.4 27.6

139 13.0 10.5 15.7



#74

Di-n-butylphthalate

Concen: 45.998 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

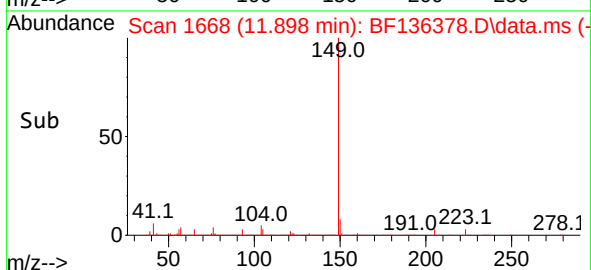
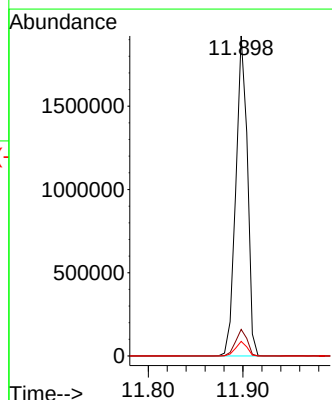
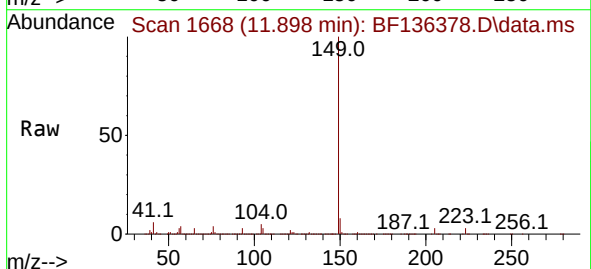
Tgt Ion:149 Resp: 1624972

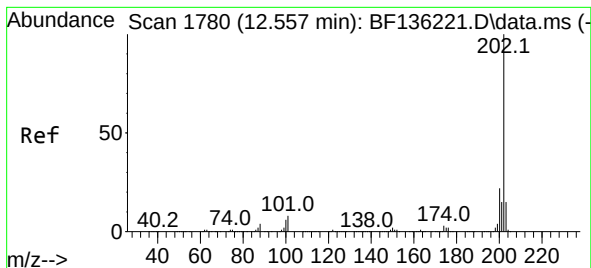
Ion Ratio Lower Upper

149 100

150 8.3 6.0 9.0

104 4.6 3.5 5.3





#75

Fluoranthene

Concen: 42.104 ng

RT: 12.545 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

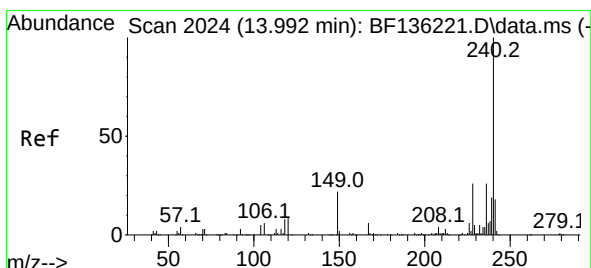
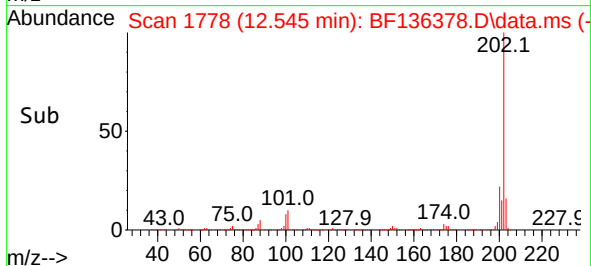
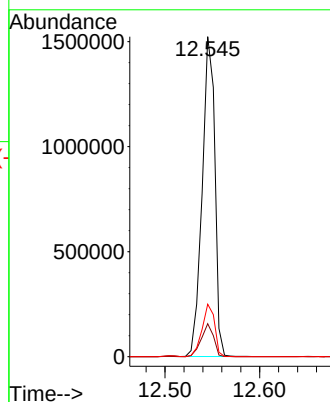
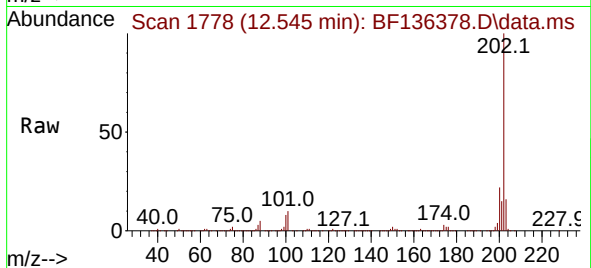
Tgt Ion:202 Resp: 1414954

Ion Ratio Lower Upper

202 100

101 10.3 0.0 27.8

203 16.4 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

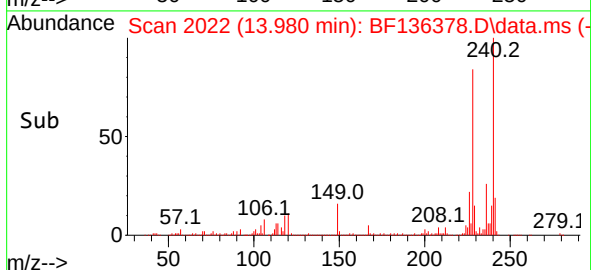
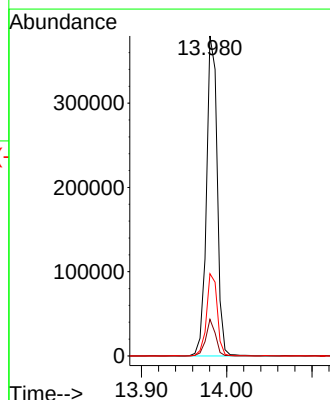
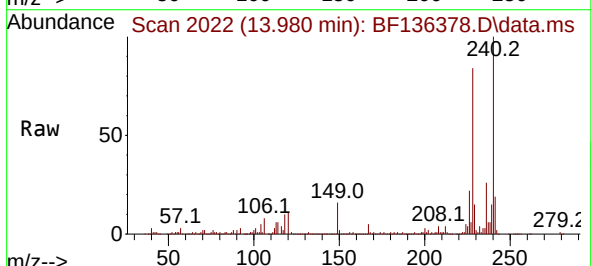
Tgt Ion:240 Resp: 331478

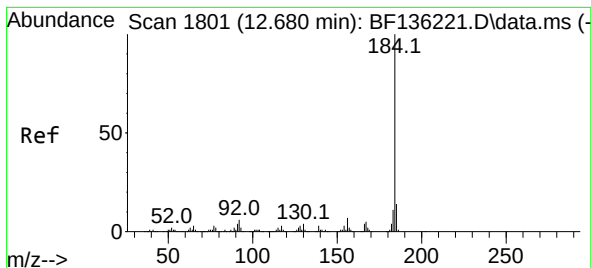
Ion Ratio Lower Upper

240 100

120 11.4 7.4 11.2#

236 25.7 21.1 31.7





#77

Benzidine

Concen: 22.200 ng

RT: 12.669 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

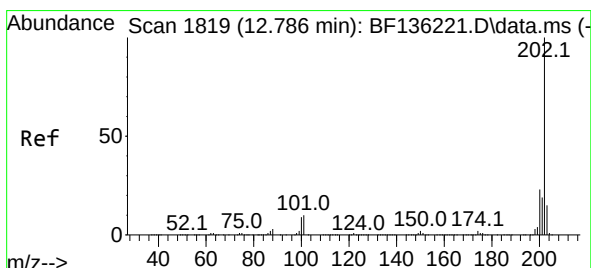
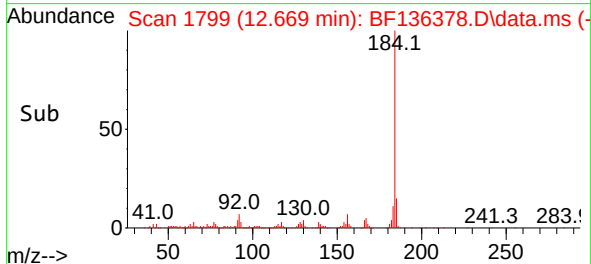
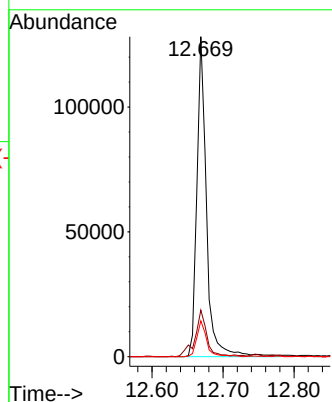
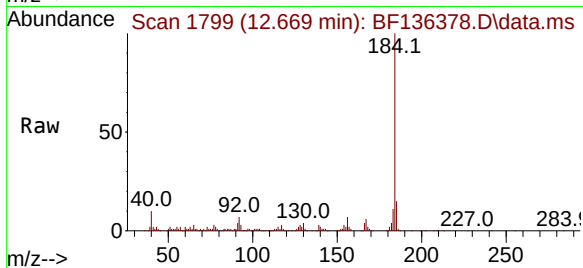
Tgt Ion:184 Resp: 120965

Ion Ratio Lower Upper

184 100

185 14.6 11.0 16.6

183 11.2 9.0 13.4



#78

Pyrene

Concen: 38.632 ng

RT: 12.775 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

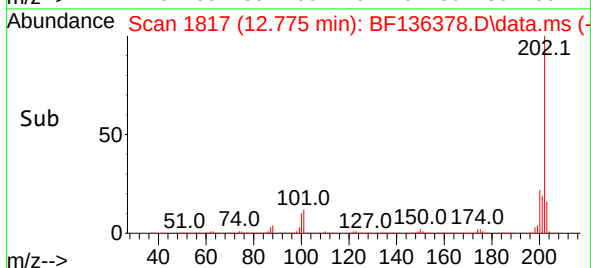
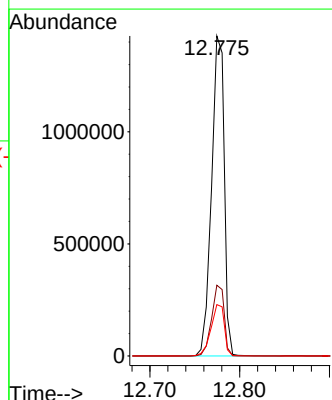
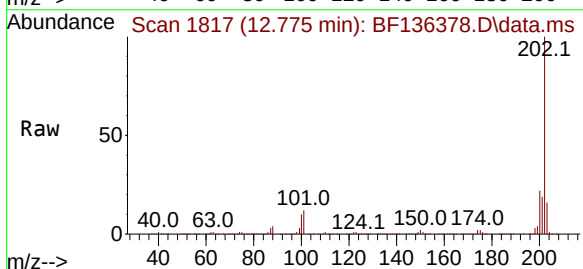
Tgt Ion:202 Resp: 1402431

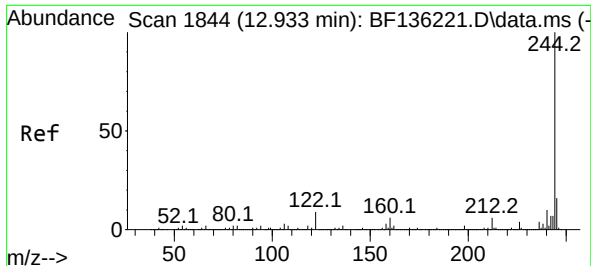
Ion Ratio Lower Upper

202 100

200 22.1 18.4 27.6

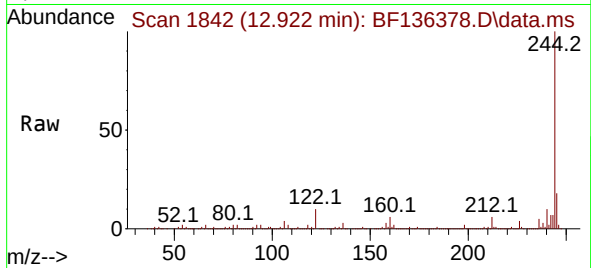
203 16.1 11.8 17.6



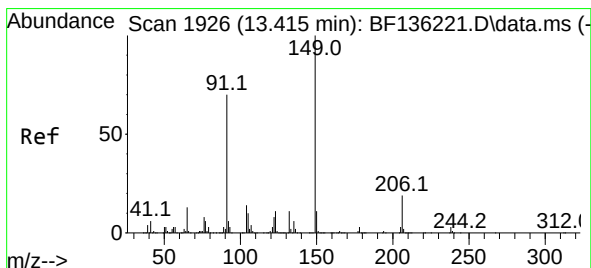
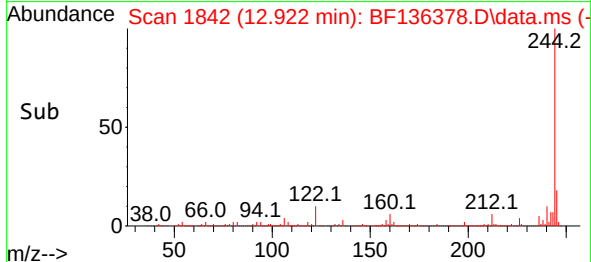
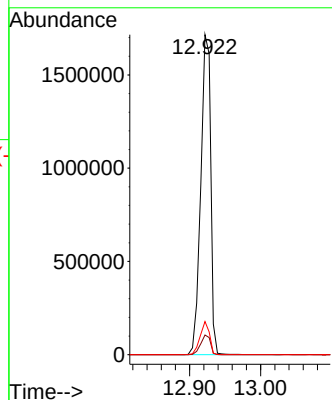


#79
 Terphenyl-d14
 Concen: 58.301 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF136378.D
 Acq: 04 Dec 2023 13:10

Instrument :
 BNA_F
 ClientSampleId :

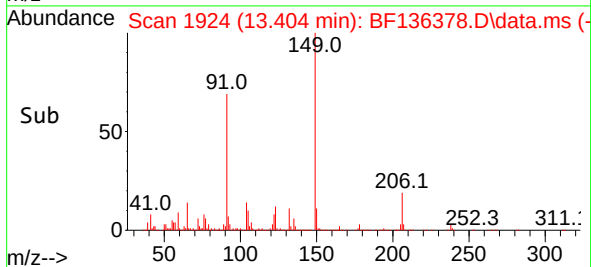
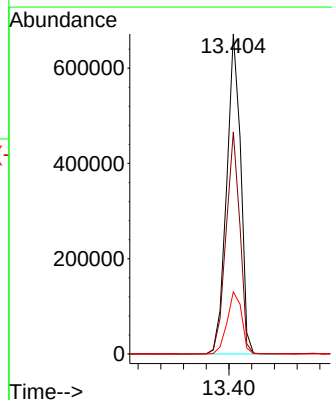
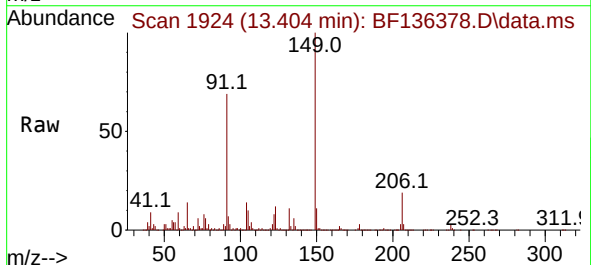


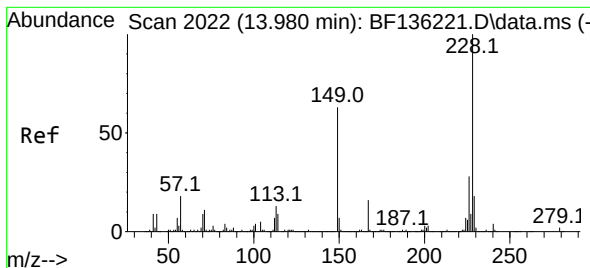
Tgt Ion:244 Resp: 1675391
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.6 7.0
 122 10.4 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 51.007 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: BF136378.D
 Acq: 04 Dec 2023 13:10

Tgt Ion:149 Resp: 576286
 Ion Ratio Lower Upper
 149 100
 91 69.4 56.4 84.6
 206 19.4 14.8 22.2





#81

Benzo(a)anthracene

Concen: 40.660 ng

RT: 13.969 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

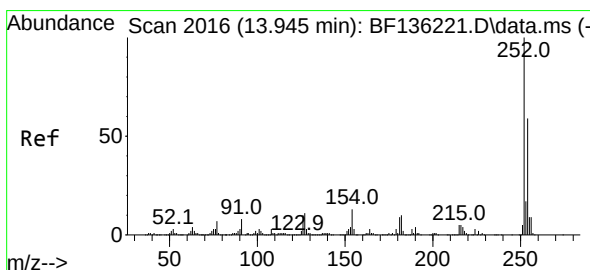
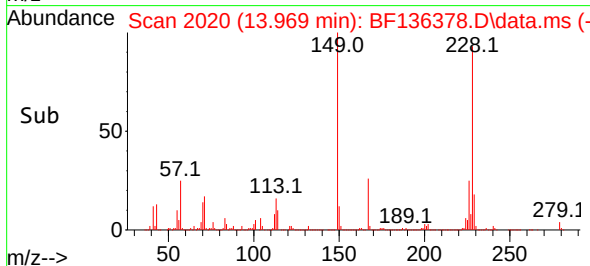
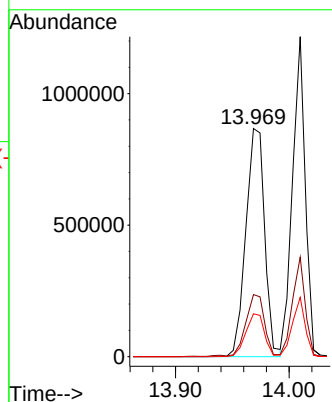
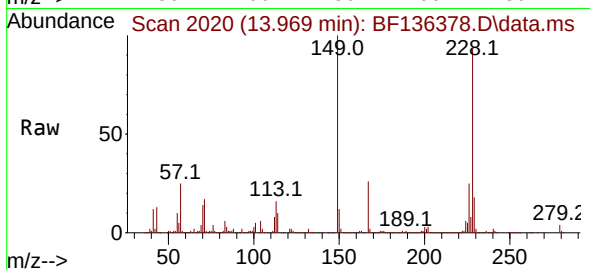
Tgt Ion:228 Resp: 1001083

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

229 18.8 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 47.237 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

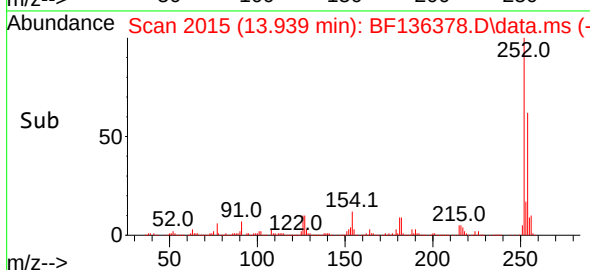
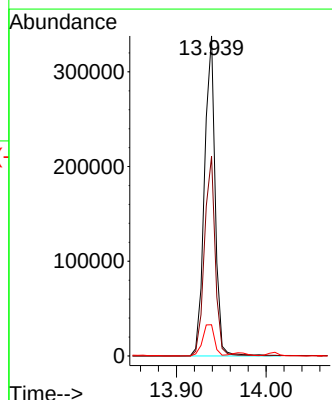
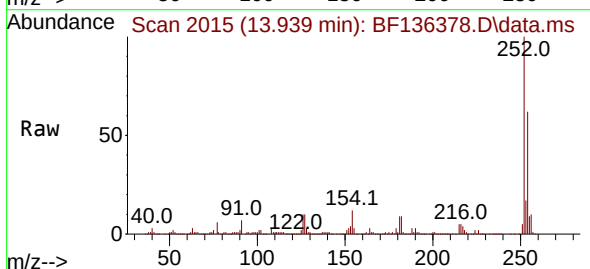
Tgt Ion:252 Resp: 279961

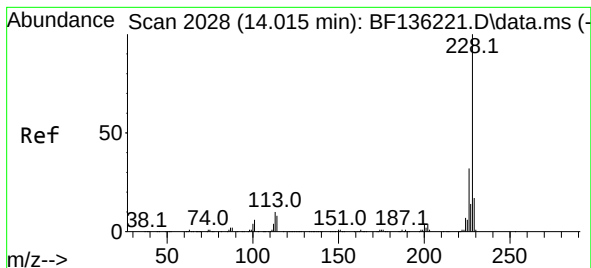
Ion Ratio Lower Upper

252 100

254 62.3 47.4 71.2

126 9.7 8.3 12.5





#83

Chrysene

Concen: 40.170 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

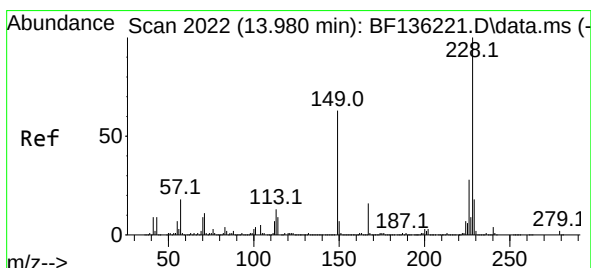
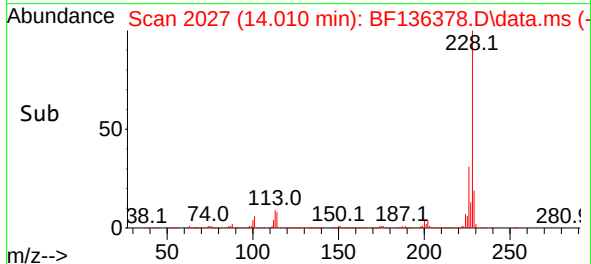
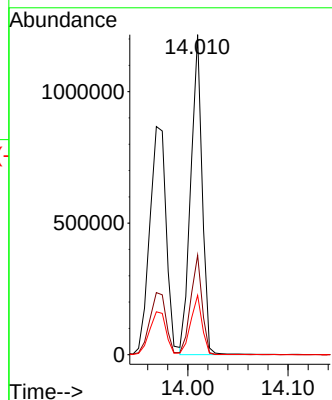
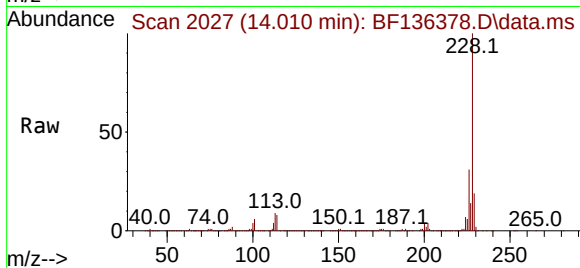
Tgt Ion:228 Resp: 954945

Ion Ratio Lower Upper

228 100

226 31.1 25.5 38.3

229 18.5 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.837 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

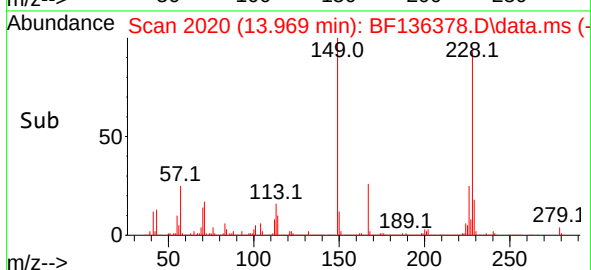
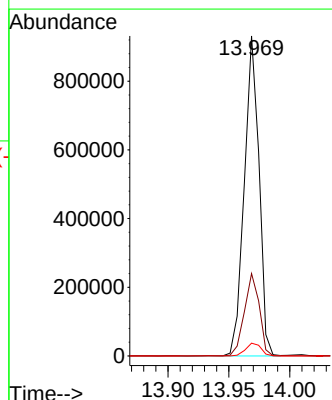
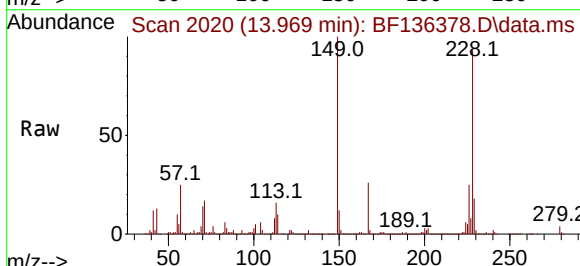
Tgt Ion:149 Resp: 784233

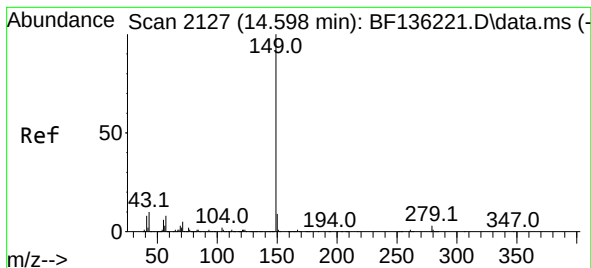
Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.2

279 4.0 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 57.697 ng

RT: 14.586 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

Instrument :

BNA_F

ClientSampleId :

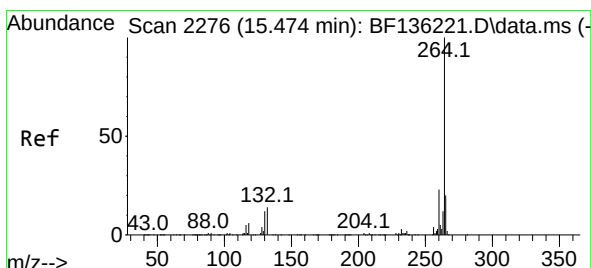
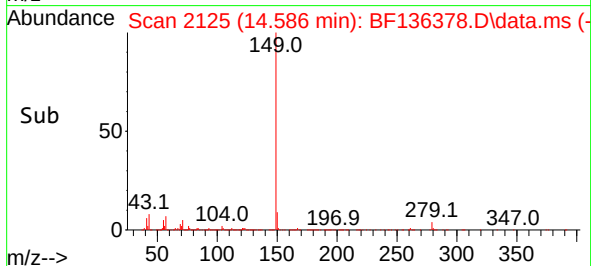
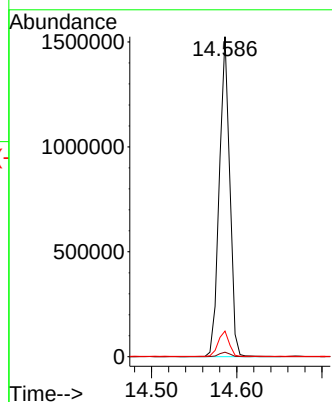
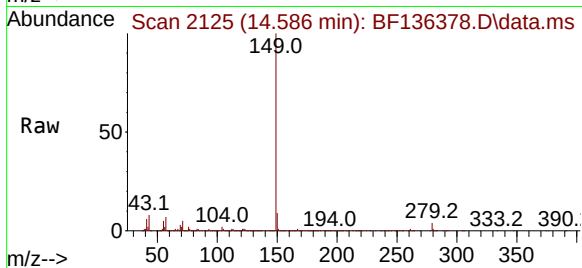
Tgt Ion:149 Resp: 1296343

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

43 8.3 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF136378.D

Acq: 04 Dec 2023 13:10

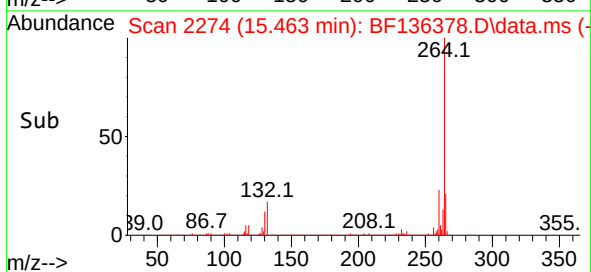
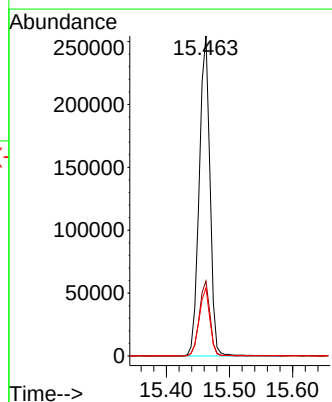
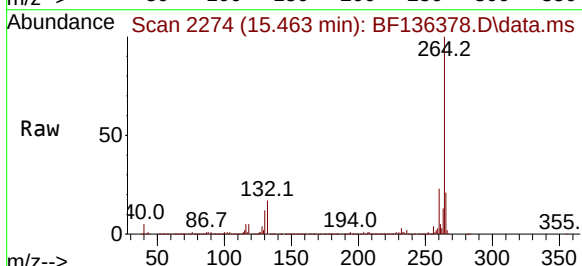
Tgt Ion:264 Resp: 299835

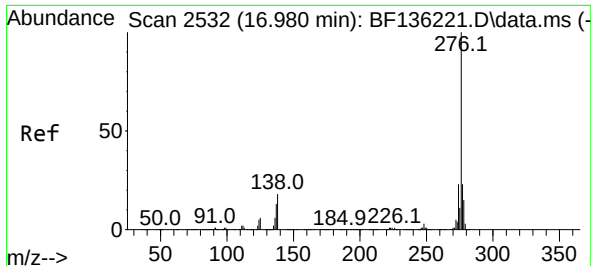
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.2 15.7 23.5

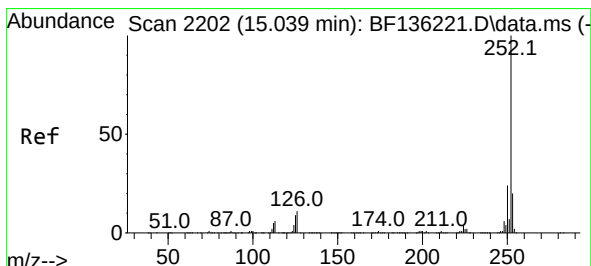
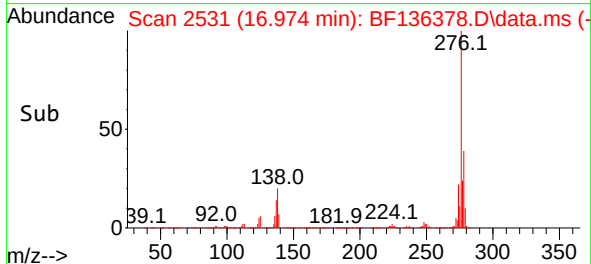
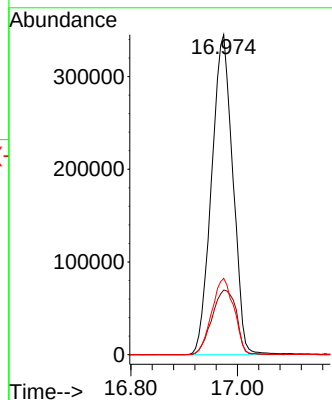
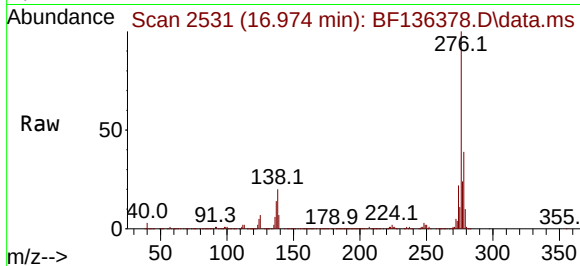




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.944 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

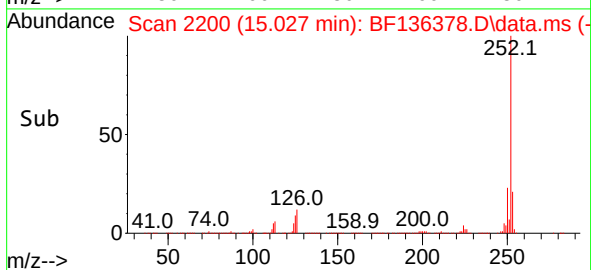
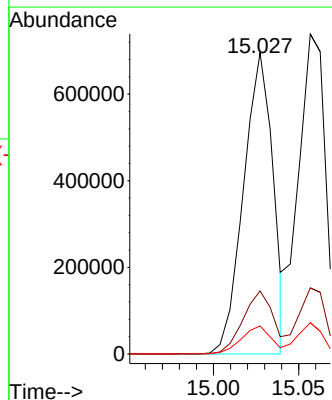
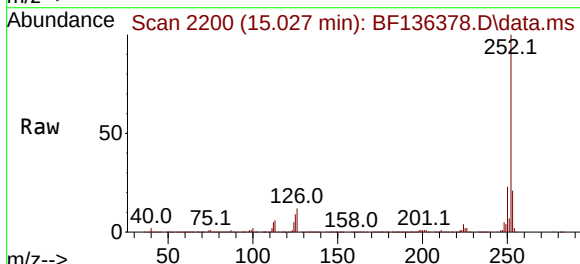
Instrument :
BNA_F
ClientSampleId :

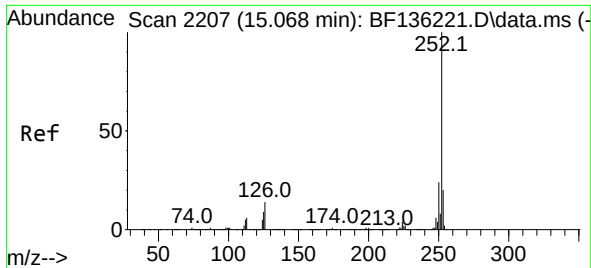
Tgt Ion:276 Resp: 955775
Ion Ratio Lower Upper
276 100
138 23.3 17.7 26.5
277 25.1 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 39.845 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Tgt Ion:252 Resp: 838187
Ion Ratio Lower Upper
252 100
253 20.9 16.2 24.2
125 9.3 6.9 10.3

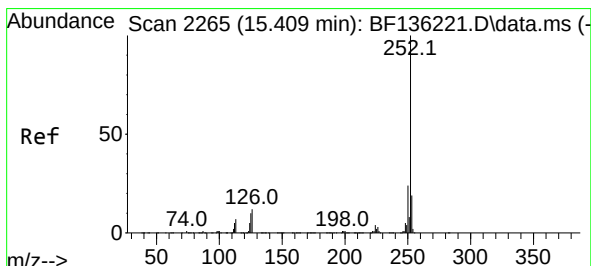
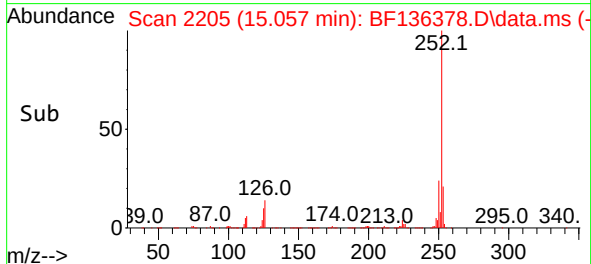
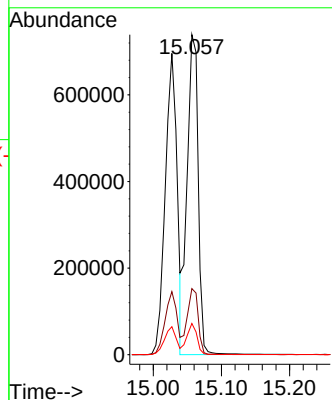
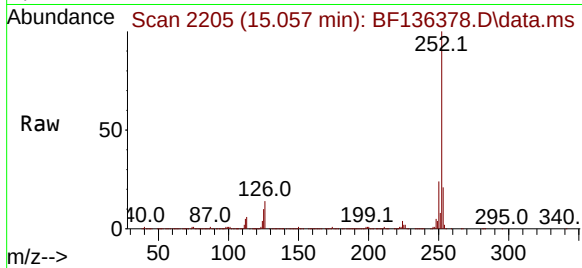




#89
Benzo(k)fluoranthene
Concen: 41.381 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

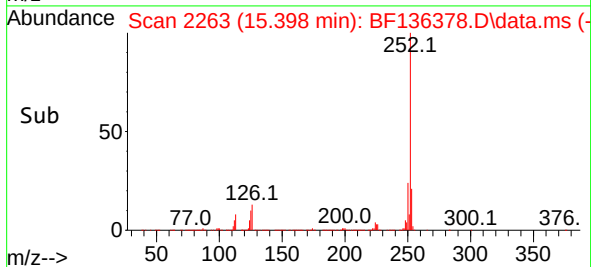
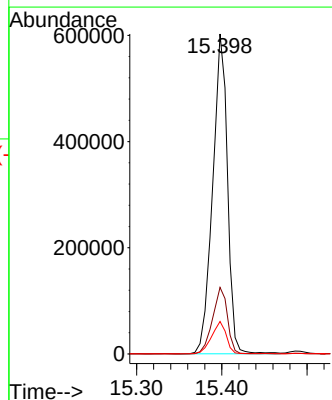
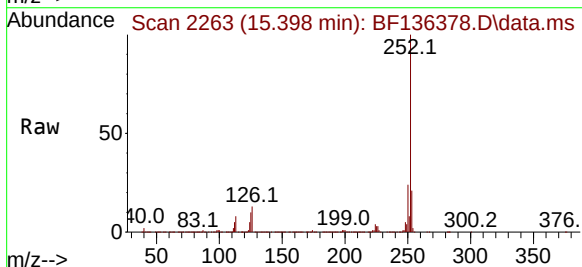
Instrument :
BNA_F
ClientSampleId :

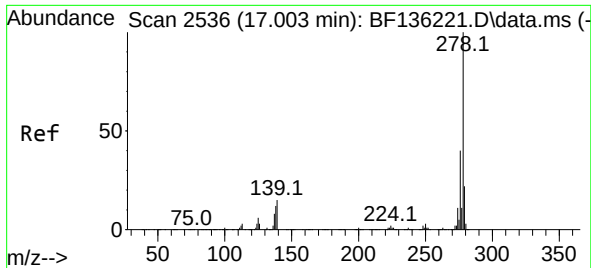
Tgt Ion:252 Resp: 826751
Ion Ratio Lower Upper
252 100
253 20.7 15.6 23.4
125 9.8 7.0 10.4



#90
Benzo(a)pyrene
Concen: 42.275 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF136378.D
Acq: 04 Dec 2023 13:10

Tgt Ion:252 Resp: 726973
Ion Ratio Lower Upper
252 100
253 20.8 15.5 23.3
125 10.1 7.9 11.9

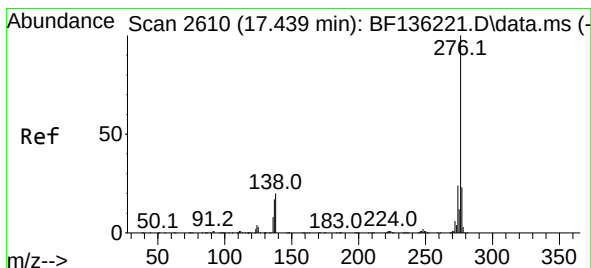
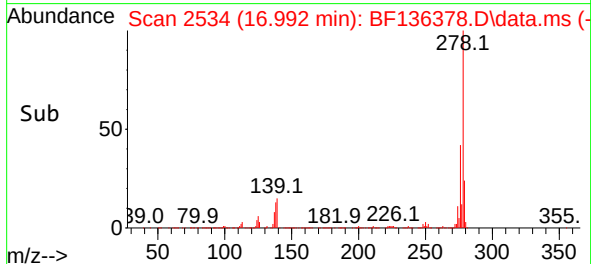
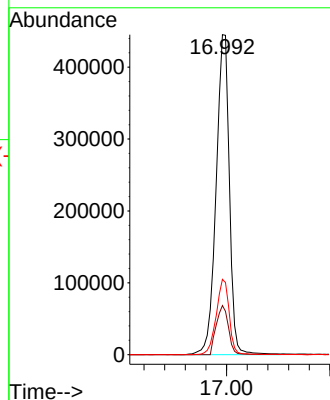
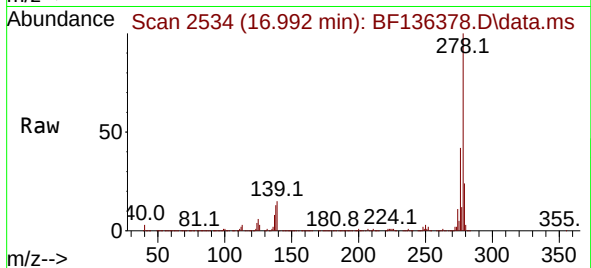




#91
 Dibenzo(a,h)anthracene
 Concen: 44.375 ng
 RT: 16.992 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136378.D
 Acq: 04 Dec 2023 13:10

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:278 Resp: 794312
 Ion Ratio Lower Upper
 278 100
 139 15.3 11.7 17.5
 279 23.6 17.8 26.8



#92
 Benzo(g,h,i)perylene
 Concen: 42.664 ng
 RT: 17.433 min Scan# 2609
 Delta R.T. 0.012 min
 Lab File: BF136378.D
 Acq: 04 Dec 2023 13:10

Tgt Ion:276 Resp: 766128
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 27.8
 138 20.6 15.8 23.8

