

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136108.D
 Acq On : 02 Nov 2023 21:36
 Operator : CG\JU
 Sample : 05049-06MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1MSD

Quant Time: Nov 02 23:07:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	113010	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	451590	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	227144	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	369524	20.000	ng	0.00
76) Chrysene-d12	14.009	240	235884	20.000	ng	0.00
86) Perylene-d12	15.498	264	204221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	602539	83.783	ng	0.00
7) Phenol-d6	6.457	99	749672	83.665	ng	0.00
23) Nitrobenzene-d5	7.386	82	461148	61.558	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	202307	83.443	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	864227	60.652	ng	0.00
79) Terphenyl-d14	12.951	244	776553	51.160	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	123122	39.316	ng	98
3) Pyridine	3.398	79	293193	34.301	ng	98
4) n-Nitrosodimethylamine	3.369	42	158468	44.341	ng	86
6) Aniline	6.481	93	295888	25.506	ng	99
8) 2-Chlorophenol	6.604	128	353816	46.018	ng	99
9) Benzaldehyde	6.369	77	92567	18.527	ng	99
10) Phenol	6.469	94	424402	45.793	ng	93
11) bis(2-Chloroethyl)ether	6.557	93	317943	43.822	ng	96
12) 1,3-Dichlorobenzene	6.763	146	367818	45.964	ng	97
13) 1,4-Dichlorobenzene	6.839	146	375315	46.799	ng	97
14) 1,2-Dichlorobenzene	6.986	146	354910	47.329	ng	96
15) Benzyl Alcohol	6.963	79	290820	45.774	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	439297	43.989	ng	99
17) 2-Methylphenol	7.075	107	267200	40.965	ng	96
18) Hexachloroethane	7.328	117	132159	46.886	ng	97
19) n-Nitroso-di-n-propyla...	7.239	70	224499	43.850	ng	99
20) 3+4-Methylphenols	7.228	107	325294	40.899	ng	94
22) Acetophenone	7.228	105	453390	45.277	ng	# 86
24) Nitrobenzene	7.404	77	343615	45.346	ng	95
25) Isophorone	7.639	82	625827	44.251	ng	99
26) 2-Nitrophenol	7.716	139	179971	52.056	ng	91
27) 2,4-Dimethylphenol	7.757	122	256770	39.303	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	374645	43.235	ng	99
29) 2,4-Dichlorophenol	7.957	162	279946	45.454	ng	95
30) 1,2,4-Trichlorobenzene	8.045	180	308982	45.989	ng	99
31) Naphthalene	8.128	128	954238	43.819	ng	99
32) Benzoic acid	7.869	122	152693	31.181	ng	100
33) 4-Chloroaniline	8.169	127	94440	9.903	ng	99
34) Hexachlorobutadiene	8.239	225	180057	46.731	ng	98
35) Caprolactam	8.551	113	74950	37.426	ng	89
36) 4-Chloro-3-methylphenol	8.657	107	298367	46.145	ng	97
37) 2-Methylnaphthalene	8.816	142	614575	42.090	ng	99
38) 1-Methylnaphthalene	8.916	142	593793	43.699	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	296580	45.783	ng	99
41) Hexachlorocyclopentadiene	8.969	237	244426	70.627	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	197074	46.659	ng	99

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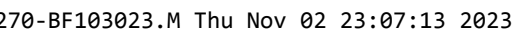
Instrument :
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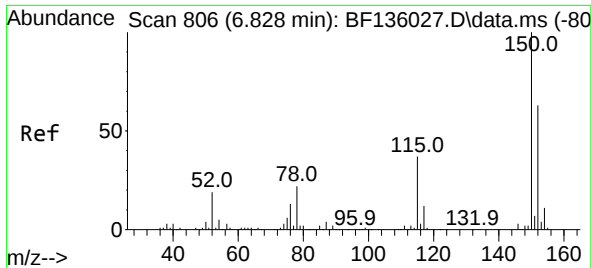
Quant Time: Nov 02 23:07:04 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	207706	42.452	ng	96
46) 1,1'-Biphenyl	9.286	154	784361	45.298	ng	98
47) 2-Chloronaphthalene	9.304	162	585131	45.839	ng	97
48) 2-Nitroaniline	9.404	65	178929	47.364	ng	98
49) Acenaphthylene	9.722	152	931700	46.787	ng	100
50) Dimethylphthalate	9.586	163	682795	45.572	ng	99
51) 2,6-Dinitrotoluene	9.651	165	154080	48.082	ng	93
52) Acenaphthene	9.898	154	545701	43.107	ng	100
53) 3-Nitroaniline	9.816	138	102032	27.288	ng	99
54) 2,4-Dinitrophenol	9.922	184	115109	67.646	ng	92
55) Dibenzofuran	10.069	168	809642	43.861	ng	97
56) 4-Nitrophenol	9.980	139	242622	86.747	ng	88
57) 2,4-Dinitrotoluene	10.051	165	200158	49.367	ng	97
58) Fluorene	10.416	166	612260	44.300	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	172866	44.441	ng	99
60) Diethylphthalate	10.292	149	653387	45.642	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	299173	43.365	ng	92
62) 4-Nitroaniline	10.433	138	144786	40.213	ng	95
63) Azobenzene	10.569	77	592739	42.993	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	82126	41.359	ng	80
66) n-Nitrosodiphenylamine	10.527	169	547419	49.108	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	191507	49.431	ng	# 91
68) Hexachlorobenzene	10.957	284	209892	50.727	ng	# 89
69) Atrazine	11.057	200	190764	62.898	ng	95
70) Pentachlorophenol	11.157	266	215604	81.136	ng	99
71) Phenanthrene	11.380	178	865530	46.520	ng	99
72) Anthracene	11.427	178	865199	45.381	ng	99
73) Carbazole	11.586	167	723914	43.695	ng	99
74) Di-n-butylphthalate	11.927	149	922314	48.720	ng	99
75) Fluoranthene	12.568	202	750271	39.253	ng	100
77) Benzidine	12.698	184	182411	39.675	ng	98
78) Pyrene	12.804	202	747828	35.959	ng	99
80) Butylbenzylphthalate	13.433	149	296570	39.839	ng	100
81) Benzo(a)anthracene	13.998	228	695199	44.518	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	142091	28.508	ng	98
83) Chrysene	14.039	228	637708	41.466	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	404601	46.651	ng	99
85) Di-n-octyl phthalate	14.621	149	671198	51.660	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	449389	33.670	ng	98
88) Benzo(b)fluoranthene	15.062	252	608587	50.363	ng	99
89) Benzo(k)fluoranthene	15.092	252	562939	47.082	ng	99
90) Benzo(a)pyrene	15.433	252	487143	43.386	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	376361	34.424	ng	97
92) Benzo(g,h,i)perylene	17.462	276	345860	29.005	ng	99

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

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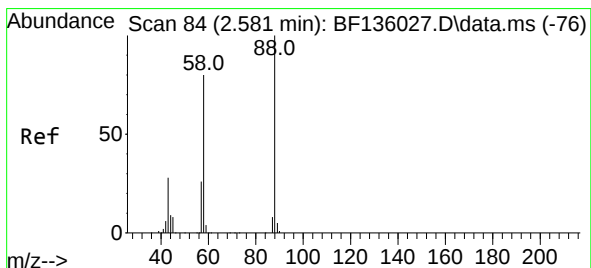
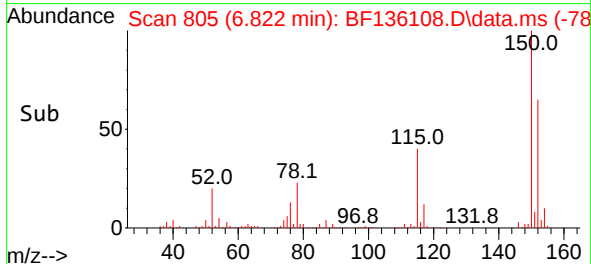
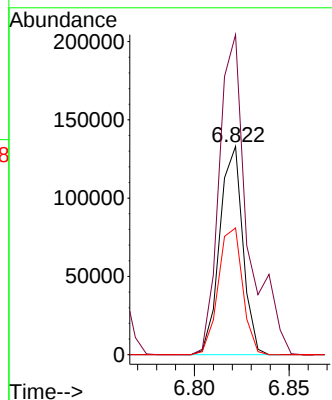
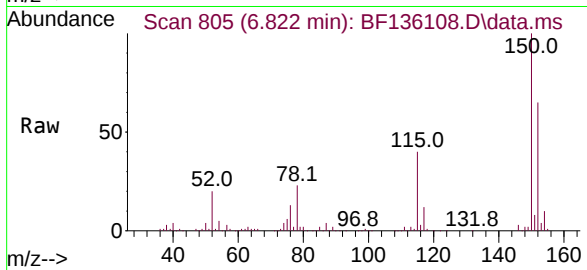




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136108.D
 Acq: 02 Nov 2023 21:36

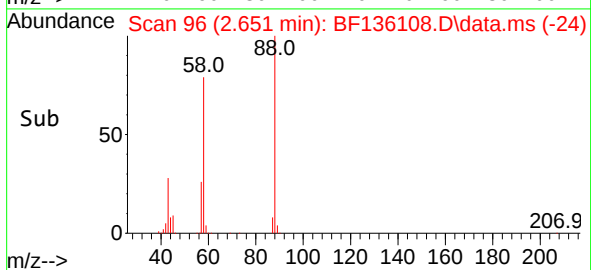
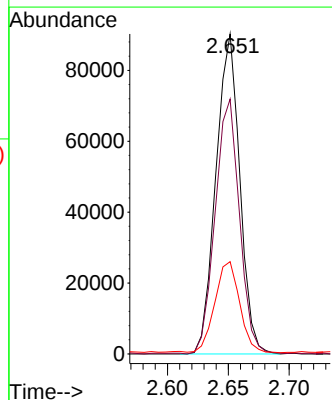
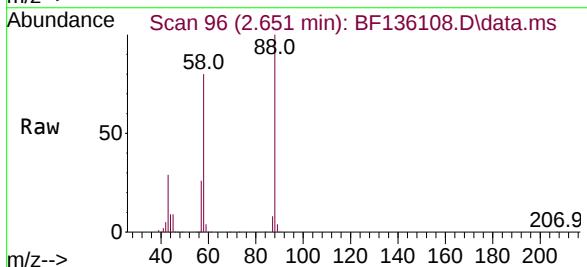
Instrument :
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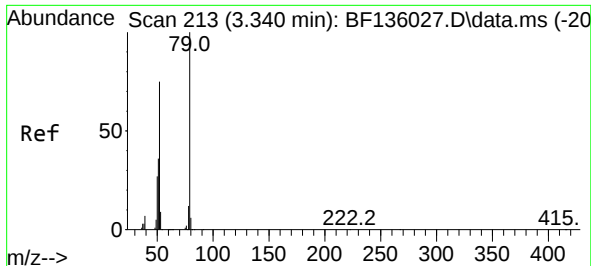
Tgt Ion:152 Resp: 113010
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.4 189.6
 115 60.9 47.0 70.4



#2
 1,4-Dioxane
 Concen: 39.316 ng
 RT: 2.651 min Scan# 96
 Delta R.T. 0.071 min
 Lab File: BF136108.D
 Acq: 02 Nov 2023 21:36

Tgt Ion: 88 Resp: 123122
 Ion Ratio Lower Upper
 88 100
 58 81.2 64.3 96.5
 43 29.6 22.3 33.5

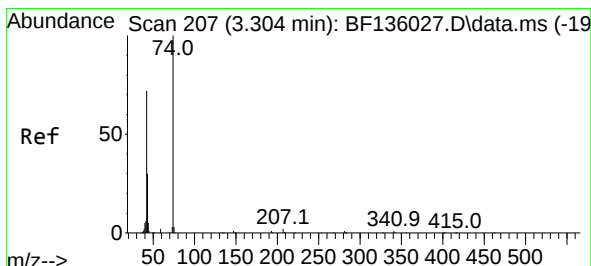
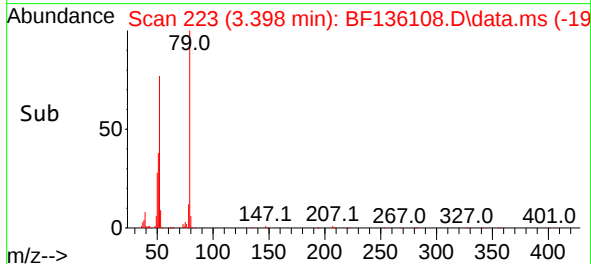
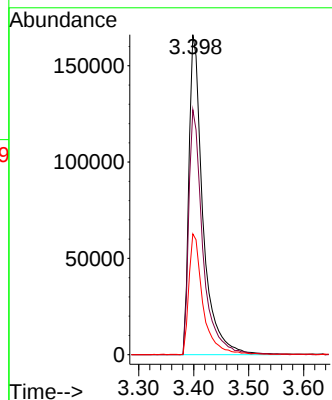
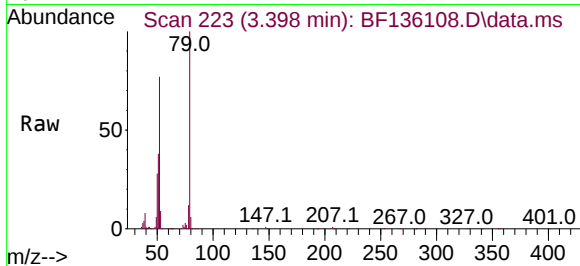




#3
 Pyridine
 Concen: 34.301 ng
 RT: 3.398 min Scan# 21
 Delta R.T. 0.059 min
 Lab File: BF136108.D
 Acq: 02 Nov 2023 21:36

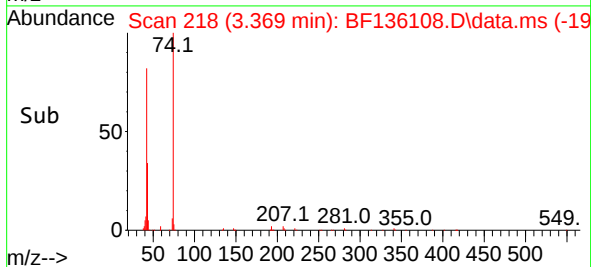
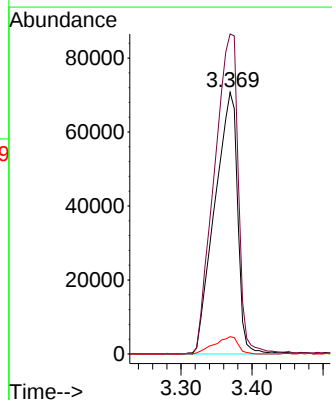
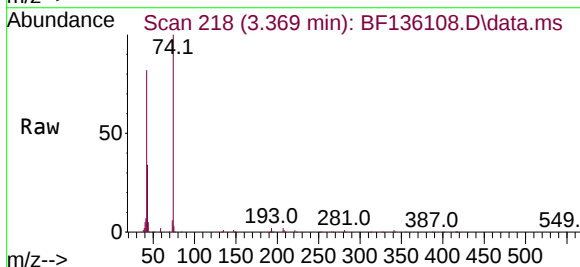
Instrument :
 BNA_F
 ClientSampleId :
 B1MSD

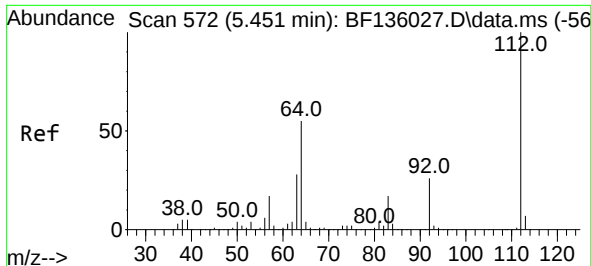
Tgt Ion: 79 Resp: 293193
 Ion Ratio Lower Upper
 79 100
 52 76.6 60.3 90.5
 51 37.7 29.3 43.9



#4
 n-Nitrosodimethylamine
 Concen: 44.341 ng
 RT: 3.369 min Scan# 218
 Delta R.T. 0.065 min
 Lab File: BF136108.D
 Acq: 02 Nov 2023 21:36

Tgt Ion: 42 Resp: 158468
 Ion Ratio Lower Upper
 42 100
 74 122.3 111.8 167.6
 44 6.6 6.2 9.4

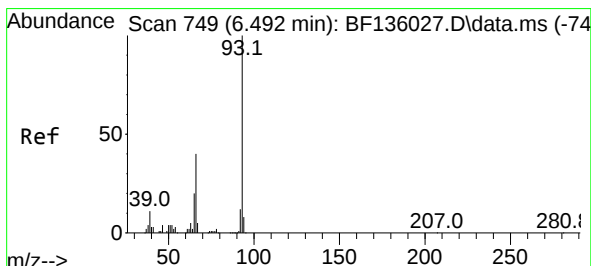
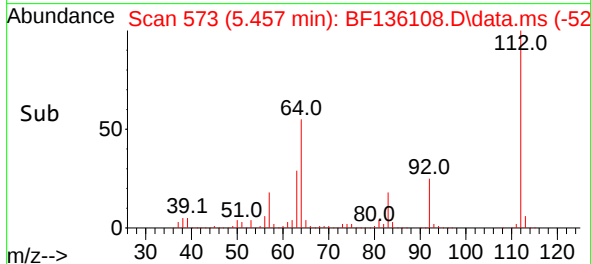
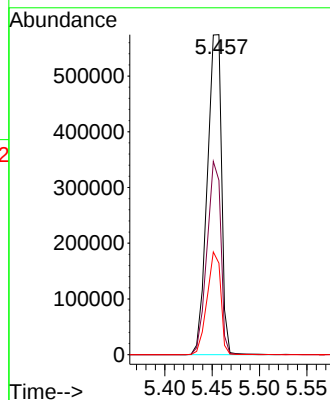
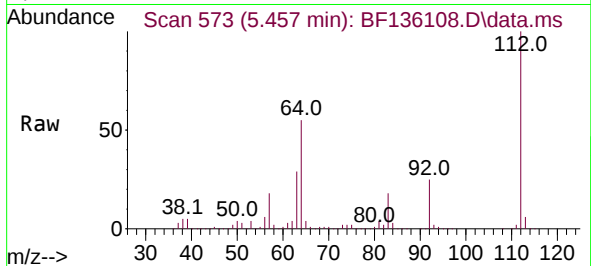




#5
2-Fluorophenol
Concen: 83.783 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

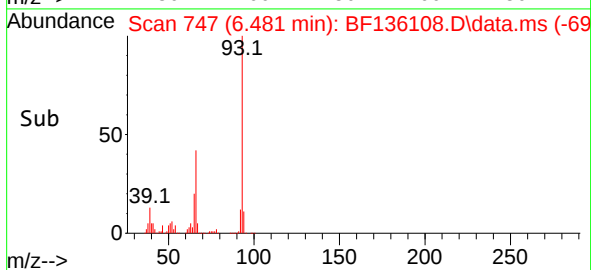
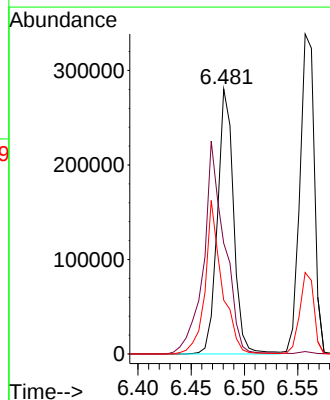
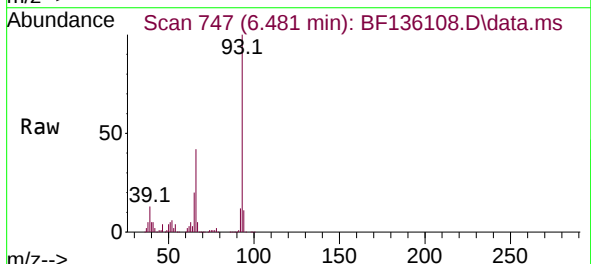
Instrument :
BNA_F
ClientSampleId :
B1MSD

Tgt Ion:112 Resp: 602539
Ion Ratio Lower Upper
112 100
64 54.5 43.9 65.9
63 28.6 22.4 33.6



#6
Aniline
Concen: 25.506 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion: 93 Resp: 295888
Ion Ratio Lower Upper
93 100
66 41.8 32.4 48.6
65 20.3 16.2 24.2

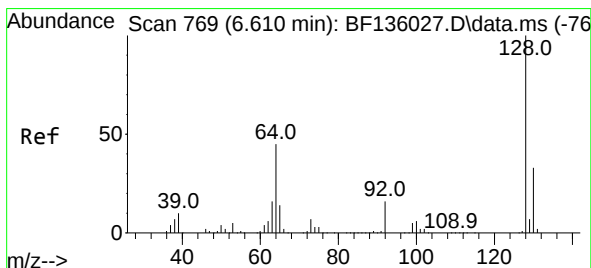
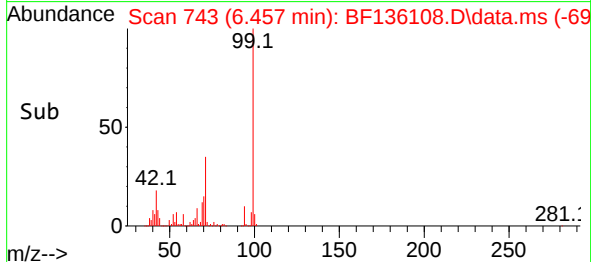
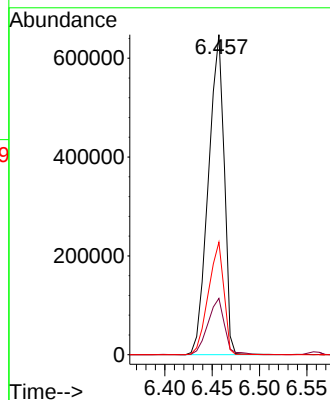
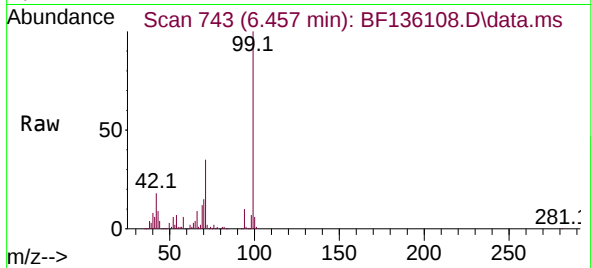




#7
Phenol-d6
Concen: 83.665 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

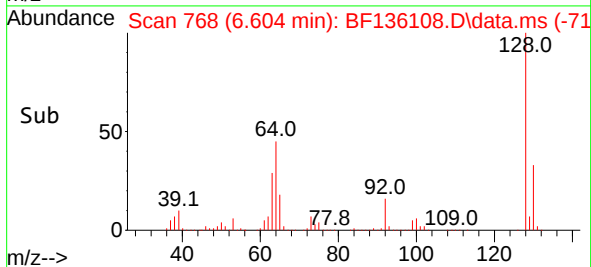
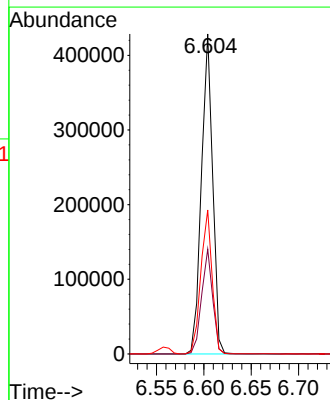
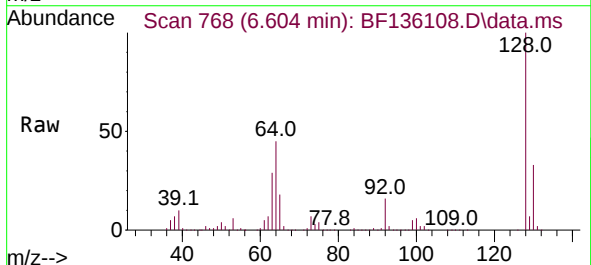
Instrument :
BNA_F
ClientSampleId :
B1MSD

Tgt Ion: 99 Resp: 749672
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 35.2 25.9 38.9



#8
2-Chlorophenol
Concen: 46.018 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:128 Resp: 353816
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 45.0 25.8 65.8





#9

Benzaldehyde

Concen: 18.527 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

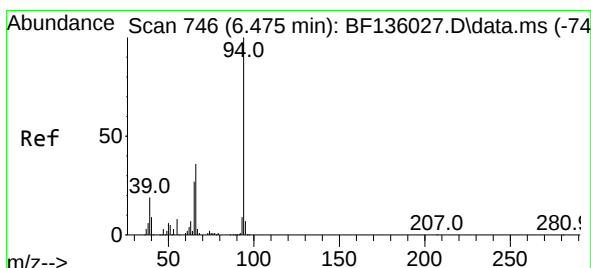
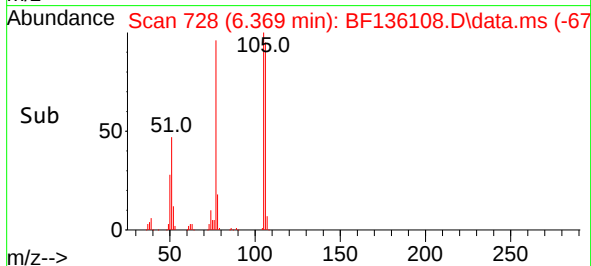
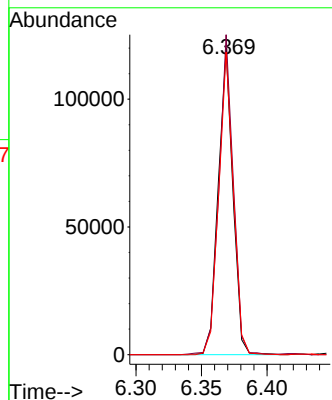
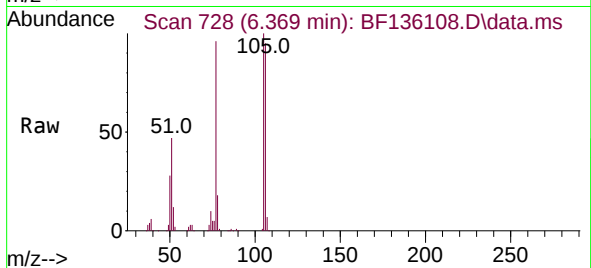
Tgt Ion: 77 Resp: 92567

Ion Ratio Lower Upper

77 100

105 104.4 85.7 125.7

106 98.7 79.8 119.8



#10

Phenol

Concen: 45.793 ng

RT: 6.469 min Scan# 745

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

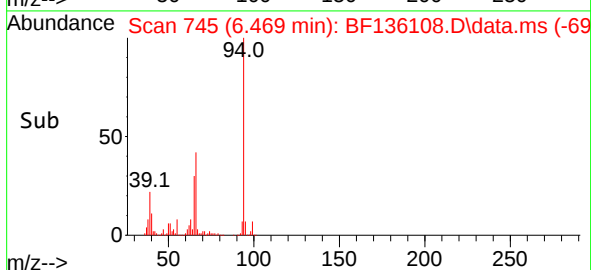
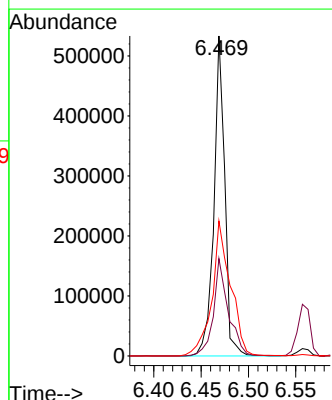
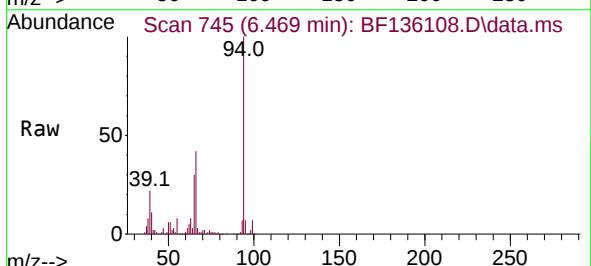
Tgt Ion: 94 Resp: 424402

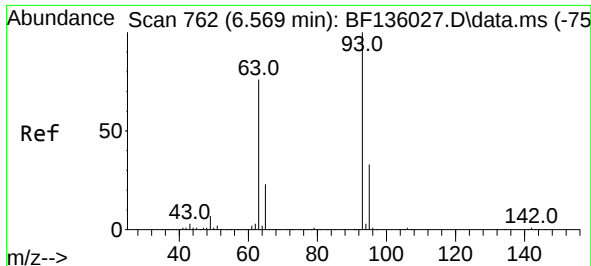
Ion Ratio Lower Upper

94 100

65 30.5 7.5 47.5

66 42.2 17.1 57.1





#11

bis(2-Chloroethyl)ether

Concen: 43.822 ng

RT: 6.557 min Scan# 760

Delta R.T. -0.012 min

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Instrument :

BNA_F

ClientSampleId :

B1MSD

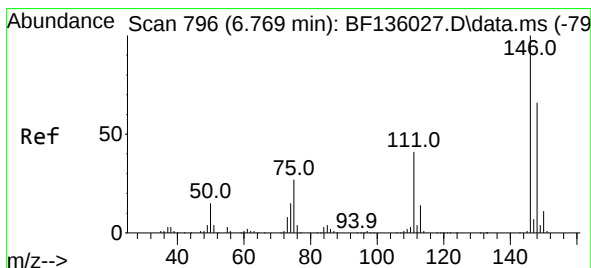
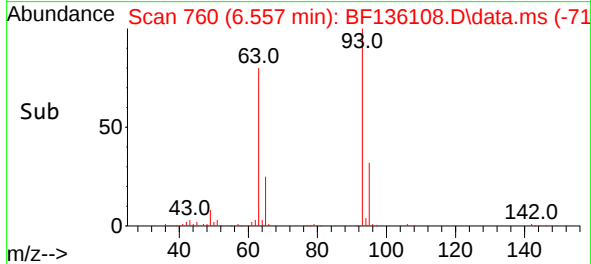
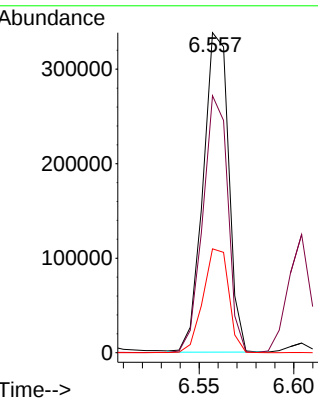
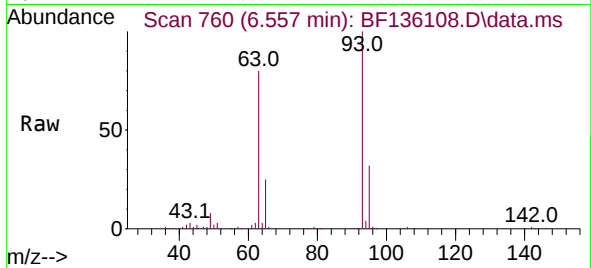
Tgt Ion: 93 Resp: 317943

Ion Ratio Lower Upper

93 100

63 80.3 55.8 95.8

95 32.5 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 45.964 ng

RT: 6.763 min Scan# 795

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

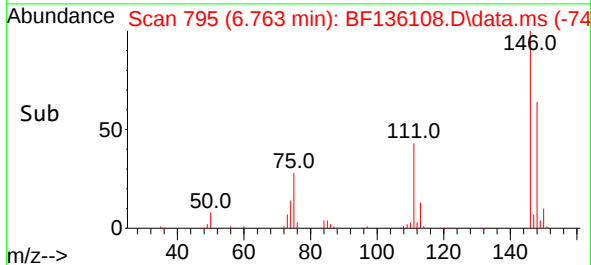
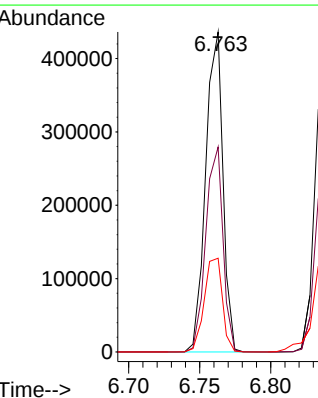
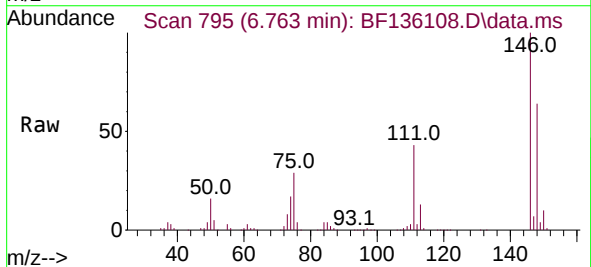
Tgt Ion: 146 Resp: 367818

Ion Ratio Lower Upper

146 100

148 64.1 52.6 78.8

75 29.3 21.6 32.4

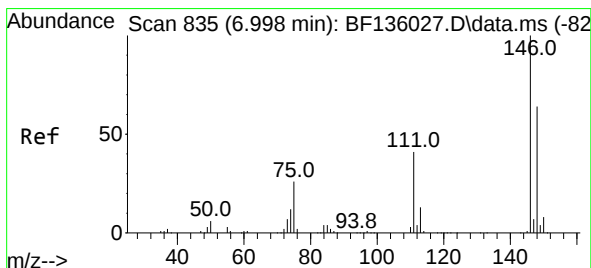
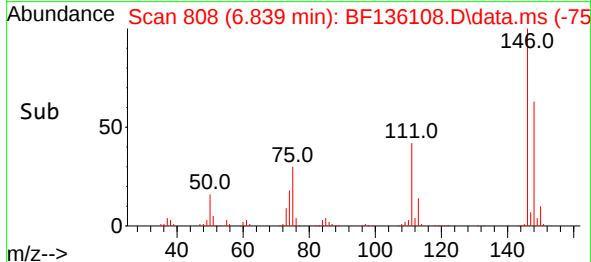
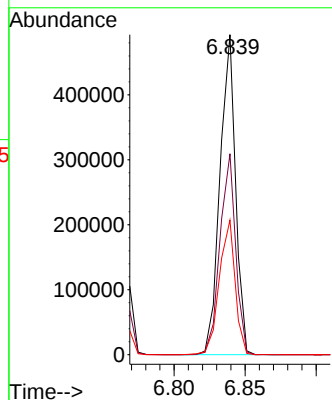
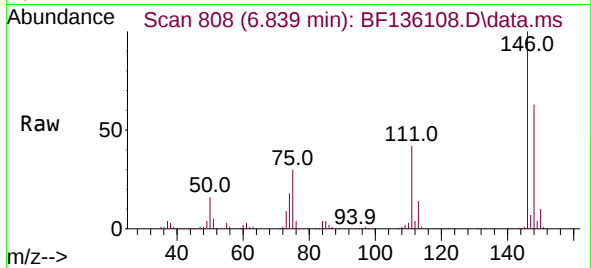




#13
1,4-Dichlorobenzene
Concen: 46.799 ng
RT: 6.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

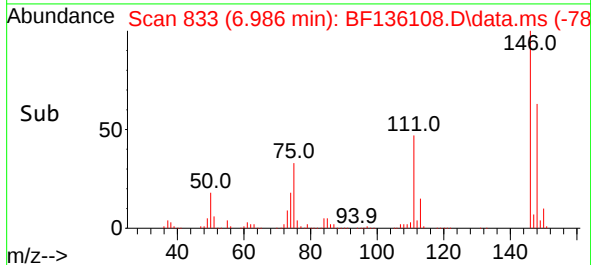
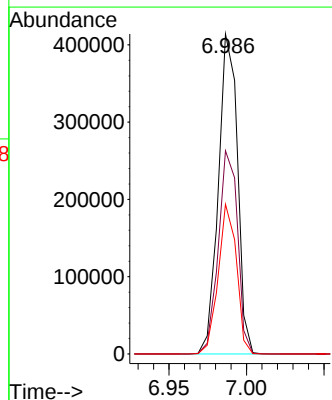
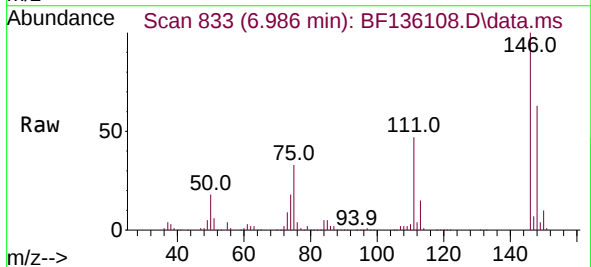
Instrument :
BNA_F
ClientSampleId :
B1MSD

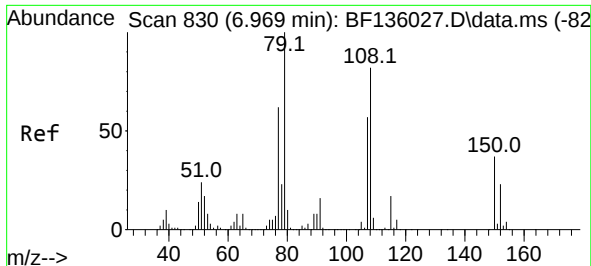
Tgt Ion:146 Resp: 375315
Ion Ratio Lower Upper
146 100
148 62.8 52.1 78.1
111 42.0 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 47.329 ng
RT: 6.986 min Scan# 833
Delta R.T. -0.012 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:146 Resp: 354910
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 46.8 33.0 49.4

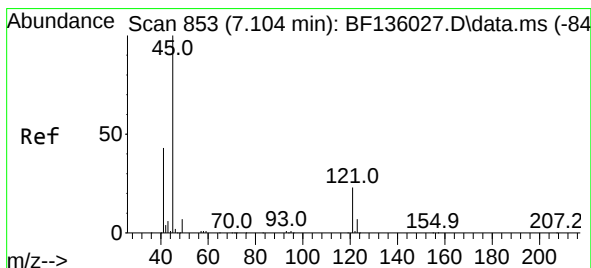
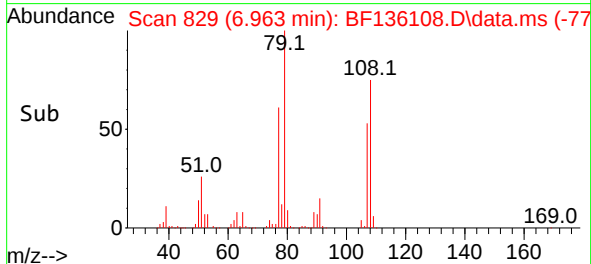
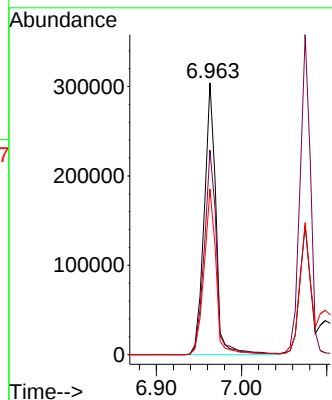
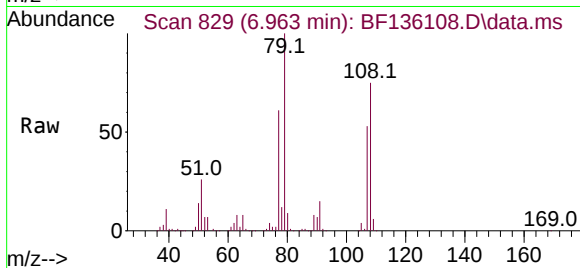




#15
Benzyl Alcohol
Concen: 45.774 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

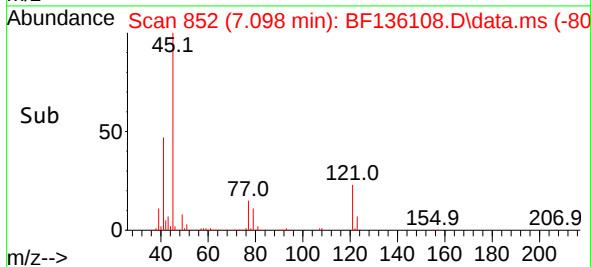
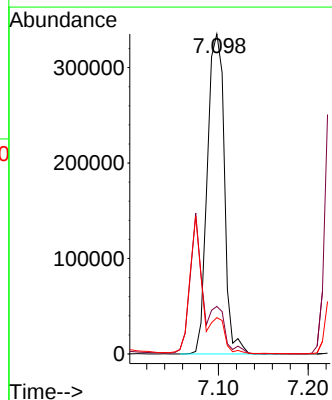
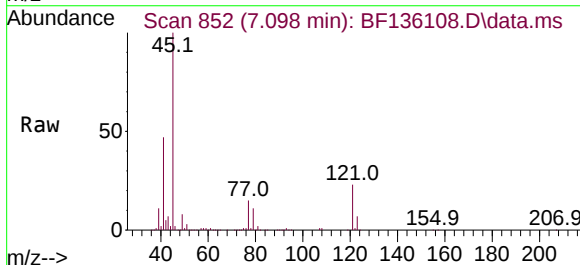
Instrument :
BNA_F
ClientSampleId :
B1MSD

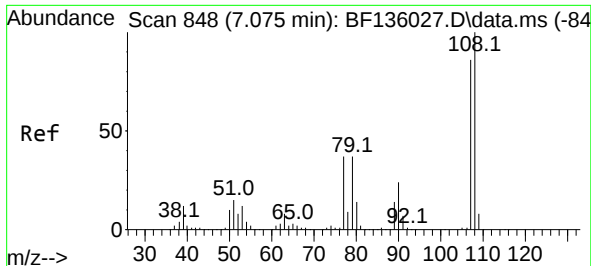
Tgt Ion: 79 Resp: 290820
Ion Ratio Lower Upper
79 100
108 75.3 65.9 98.9
77 60.9 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.989 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion: 45 Resp: 439297
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.6
79 11.4 0.0 30.6



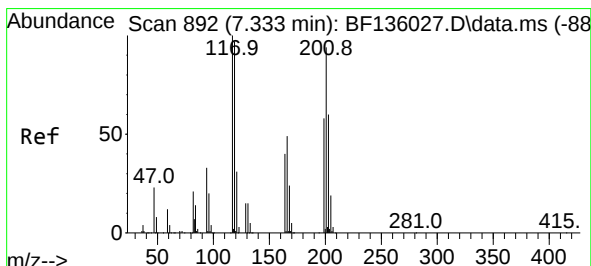
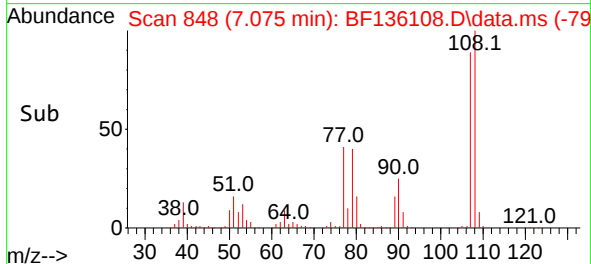
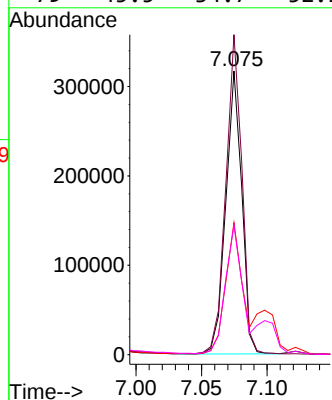
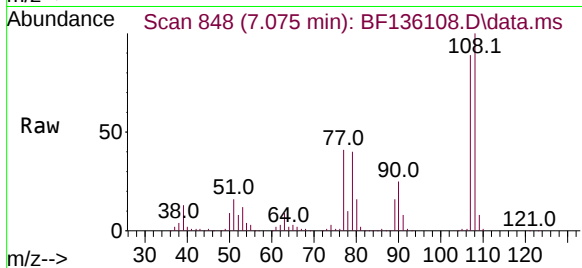


#17
2-Methylphenol
Concen: 40.965 ng
RT: 7.075 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Instrument :
BNA_F
ClientSampleId :
B1MSD

Tgt Ion:107 Resp: 267200

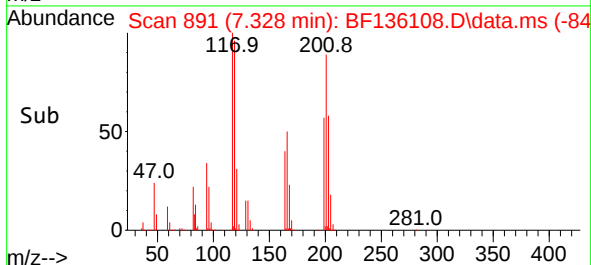
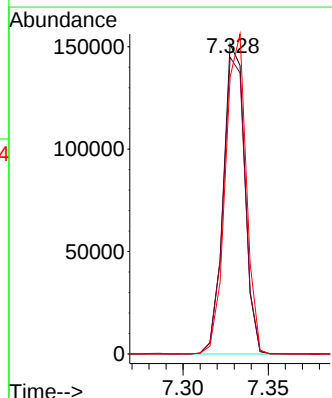
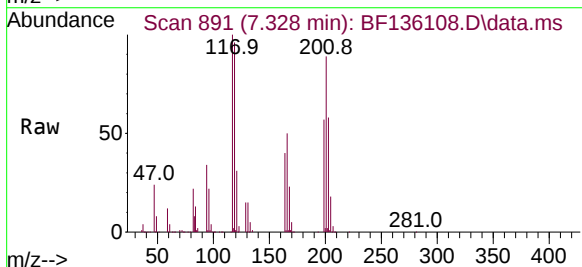
Ion	Ratio	Lower	Upper
107	100		
108	112.8	93.4	140.2
77	46.5	34.4	51.6
79	45.5	34.7	52.1



#18
Hexachloroethane
Concen: 46.886 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:117 Resp: 132159

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.7	116.5
201	89.4	75.0	112.6

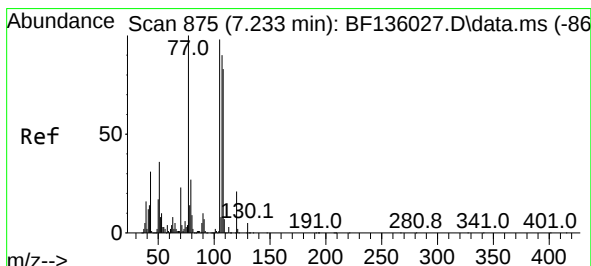
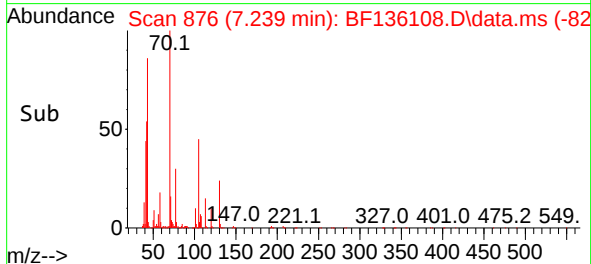
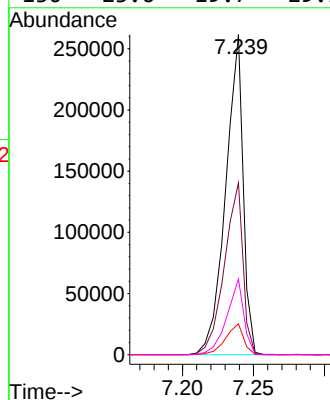
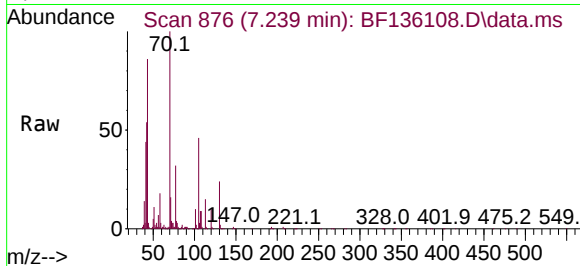




#19
n-Nitroso-di-n-propylamine
Concen: 43.850 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

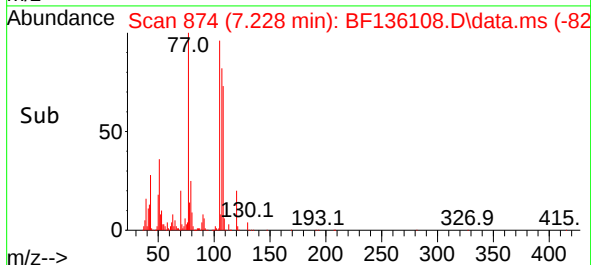
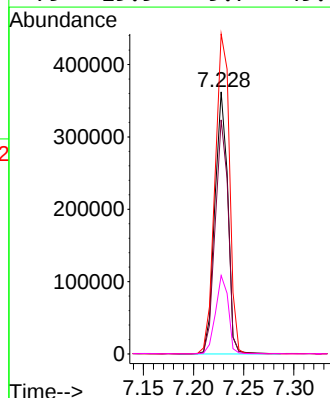
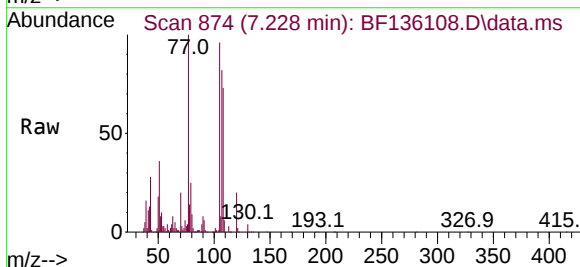
Instrument :
BNA_F
ClientSampleId :
B1MSD

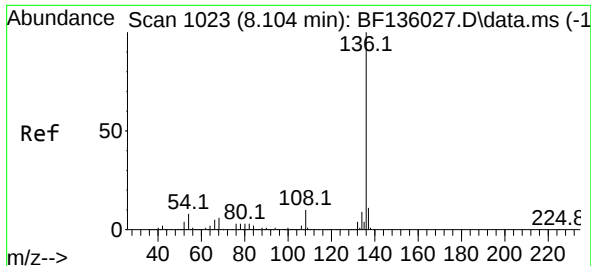
Tgt Ion: 70 Resp: 224499
Ion Ratio Lower Upper
70 100
42 53.7 43.0 64.4
101 9.6 8.0 12.0
130 23.6 19.7 29.5



#20
3+4-Methylphenols
Concen: 40.899 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion: 107 Resp: 325294
Ion Ratio Lower Upper
107 100
108 89.3 72.3 112.3
77 122.1 91.4 131.4
79 29.9 9.7 49.7

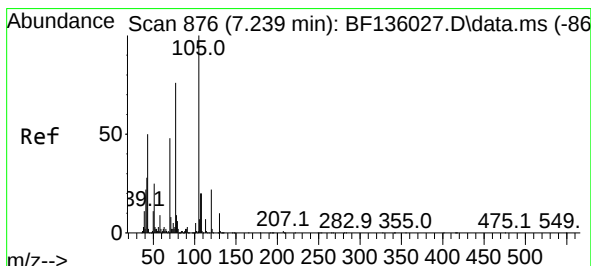
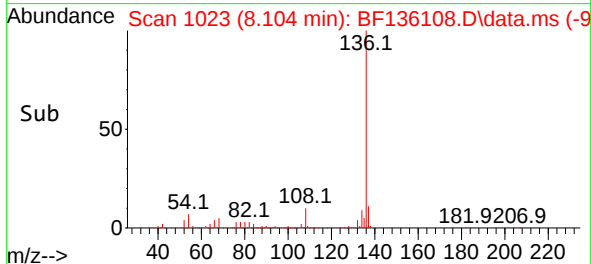
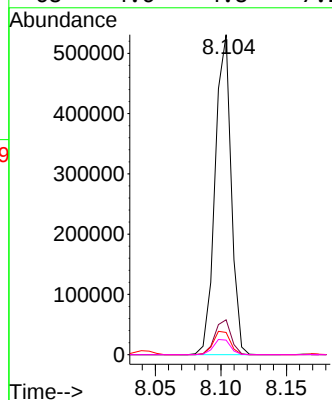
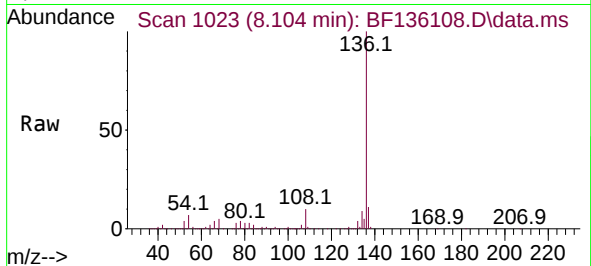




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

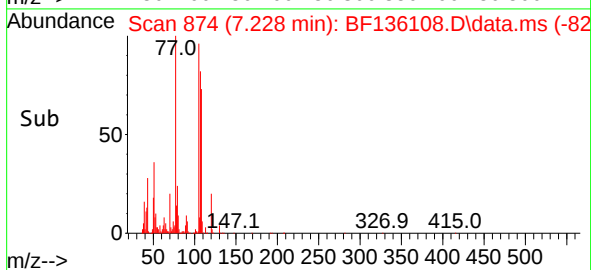
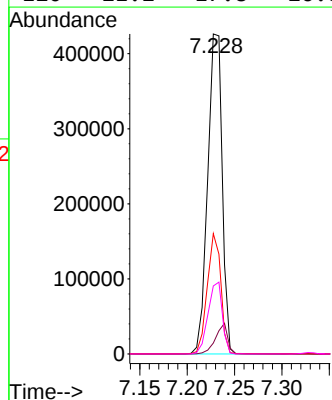
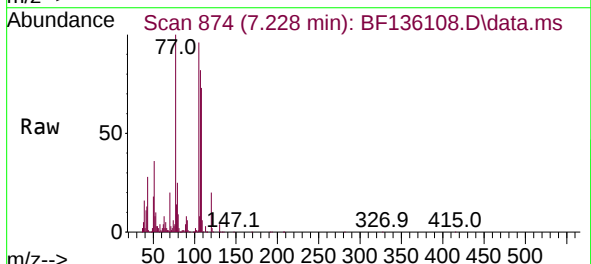
Instrument :
BNA_F
ClientSampleId :
B1MSD

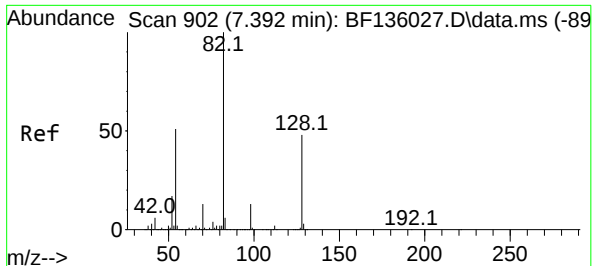
Tgt Ion:	136	Resp:	451590
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.0	6.6	9.8
68	4.6	4.8	7.2



#22
Acetophenone
Concen: 45.277 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.012 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:	105	Resp:	453390
Ion	Ratio	Lower	Upper
105	100		
71	3.4	6.5	9.7
51	37.6	20.3	30.5
120	21.2	17.8	26.8





#23

Nitrobenzene-d5

Concen: 61.558 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

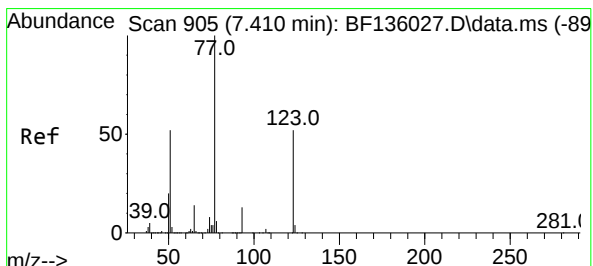
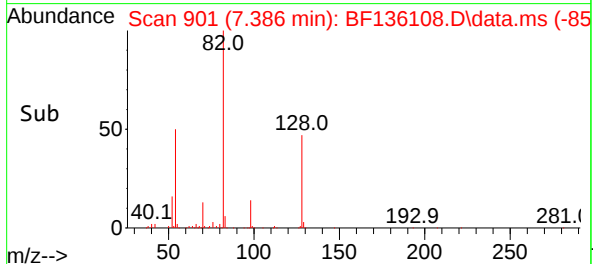
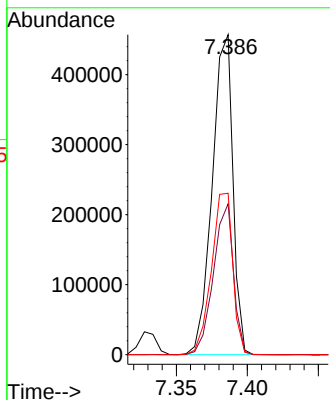
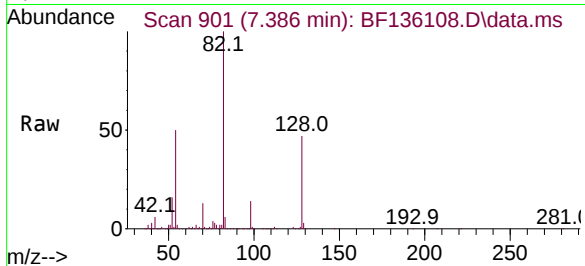
Tgt Ion: 82 Resp: 461148

Ion Ratio Lower Upper

82 100

128 47.2 38.6 57.8

54 50.5 40.8 61.2



#24

Nitrobenzene

Concen: 45.346 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

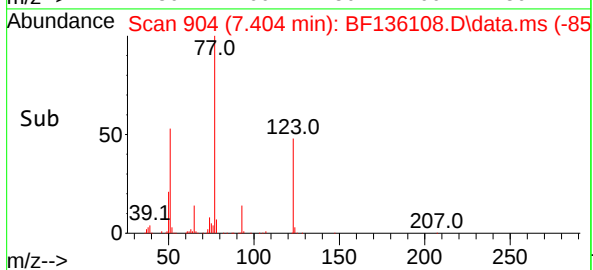
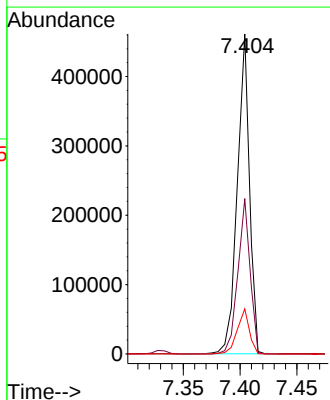
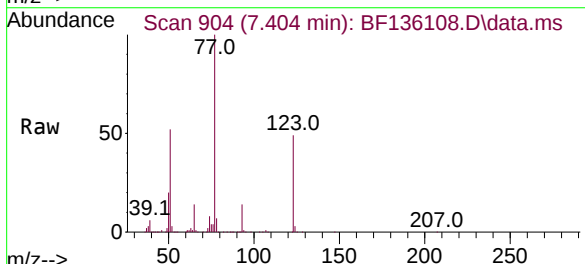
Tgt Ion: 77 Resp: 343615

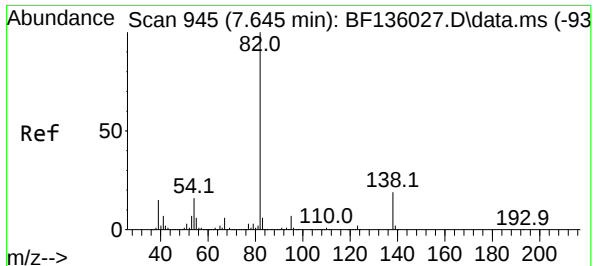
Ion Ratio Lower Upper

77 100

123 48.6 42.3 63.5

65 14.1 11.0 16.6

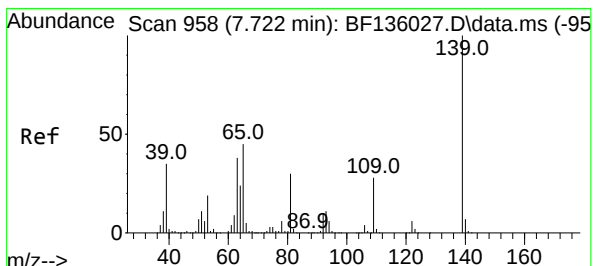
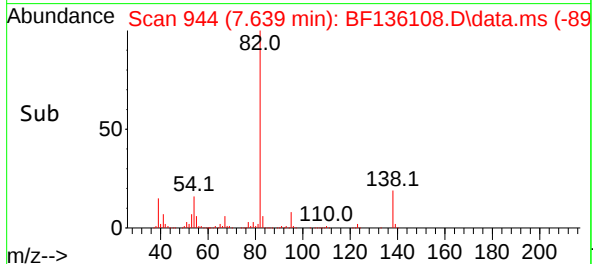
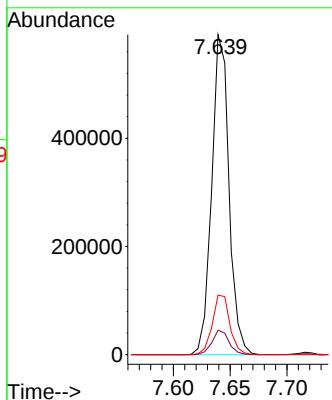
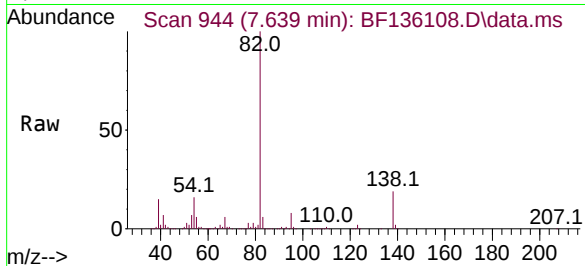




#25
Isophorone
Concen: 44.251 ng
RT: 7.639 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

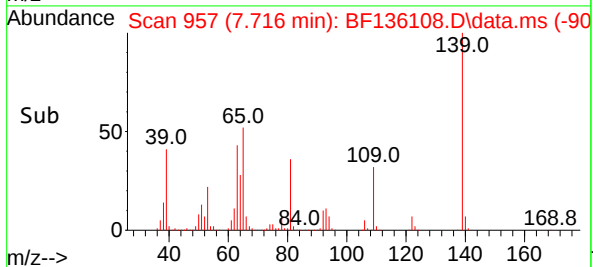
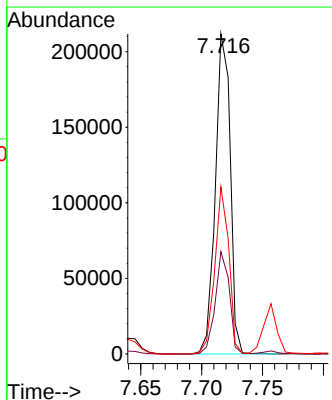
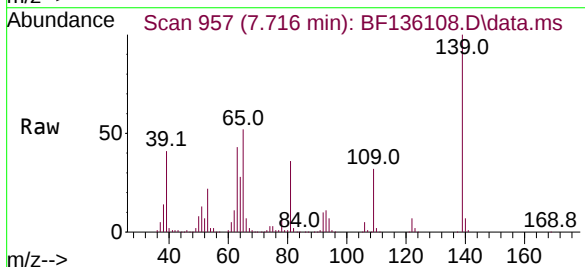
Instrument :
BNA_F
ClientSampleId :
B1MSD

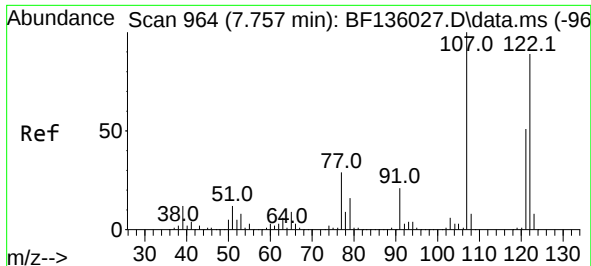
Tgt Ion: 82 Resp: 625827
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 18.6 15.3 22.9



#26
2-Nitrophenol
Concen: 52.056 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:139 Resp: 179971
Ion Ratio Lower Upper
139 100
109 32.0 22.6 34.0
65 52.2 36.3 54.5

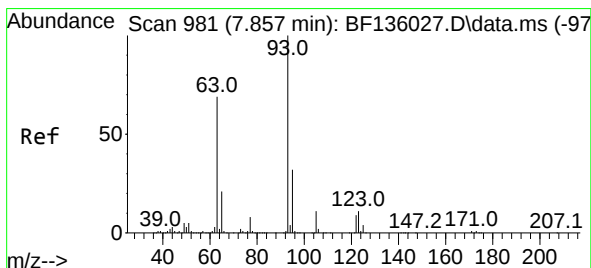
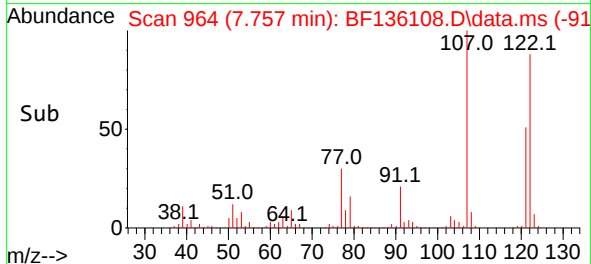
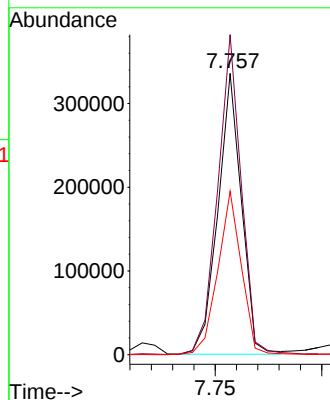
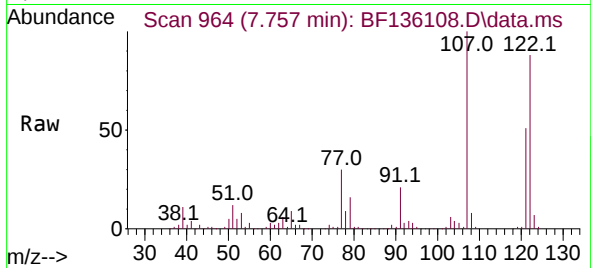




#27
2,4-Dimethylphenol
Concen: 39.303 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

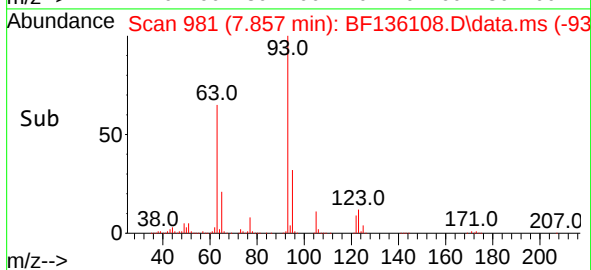
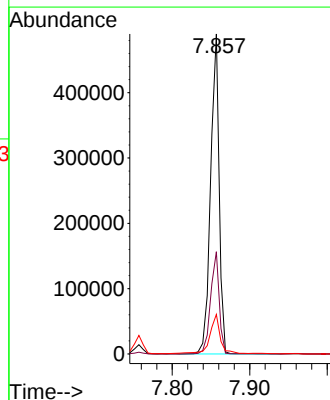
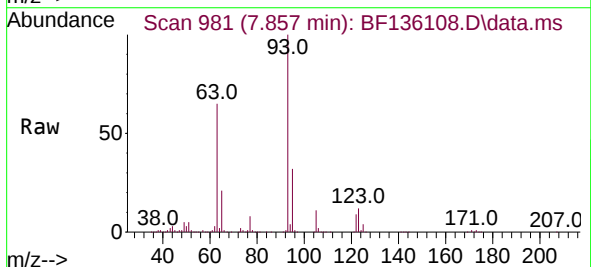
Instrument :
BNA_F
ClientSampleId :
B1MSD

Tgt Ion:122 Resp: 256770
Ion Ratio Lower Upper
122 100
107 113.8 89.6 134.4
121 58.2 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.235 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion: 93 Resp: 374645
Ion Ratio Lower Upper
93 100
95 32.0 25.7 38.5
123 12.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.454 ng

RT: 7.957 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

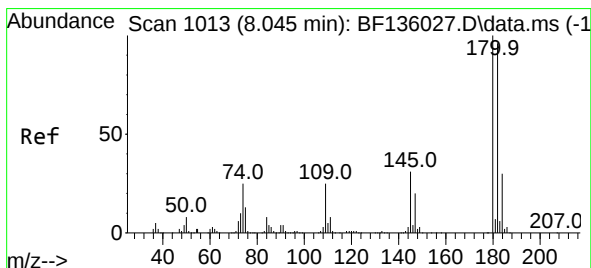
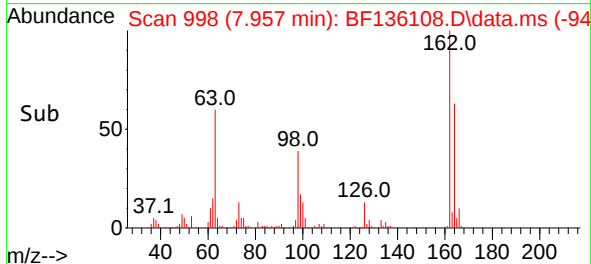
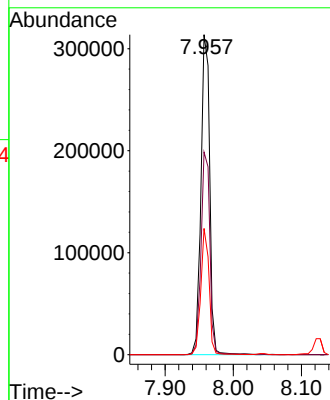
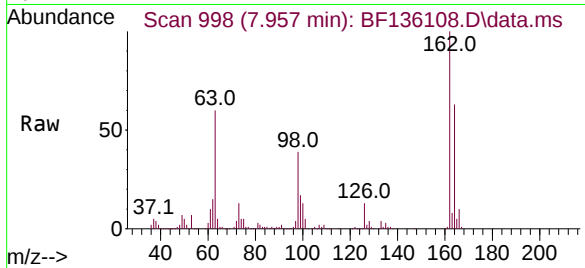
Tgt Ion:162 Resp: 279946

Ion Ratio Lower Upper

162 100

164 63.3 45.5 85.5

98 39.5 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 45.989 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

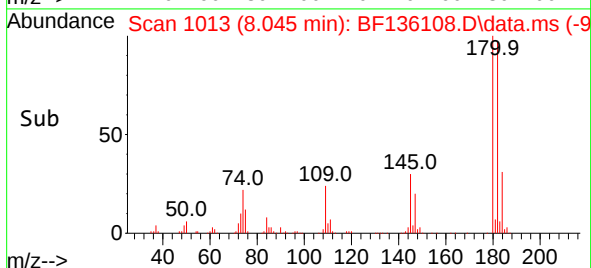
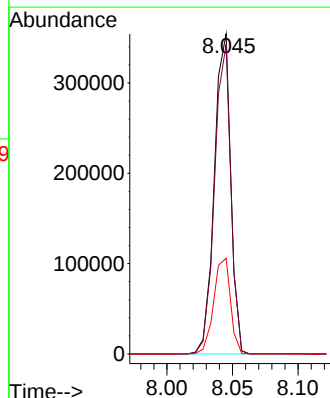
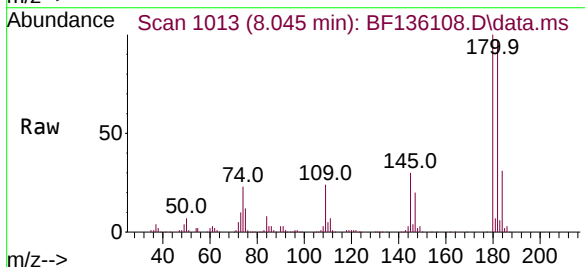
Tgt Ion:180 Resp: 308982

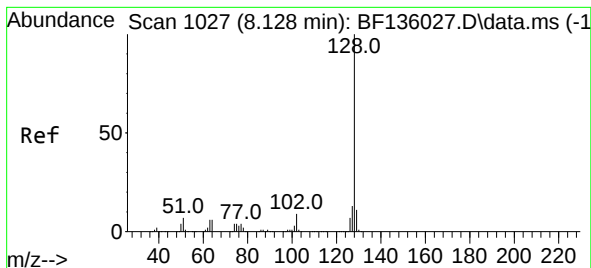
Ion Ratio Lower Upper

180 100

182 96.7 76.9 115.3

145 29.9 24.7 37.1





#31

Naphthalene

Concen: 43.819 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

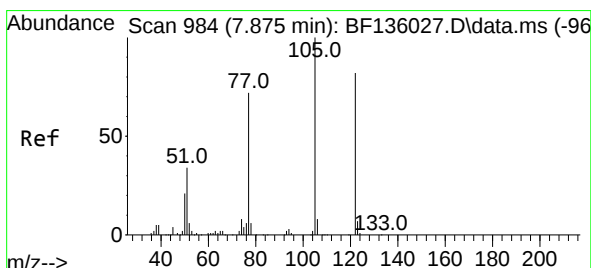
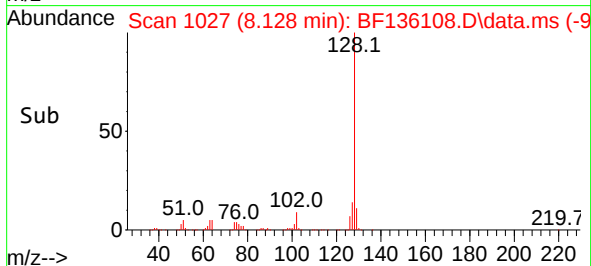
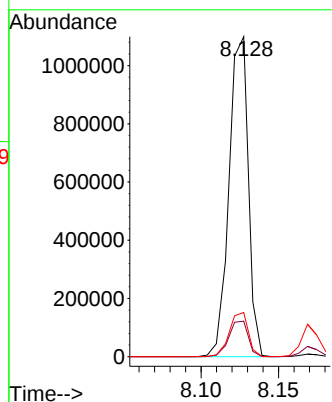
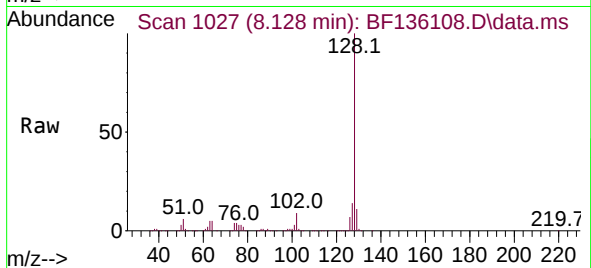
Tgt Ion:128 Resp: 954238

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.8 10.5 15.7



#32

Benzoic acid

Concen: 31.181 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

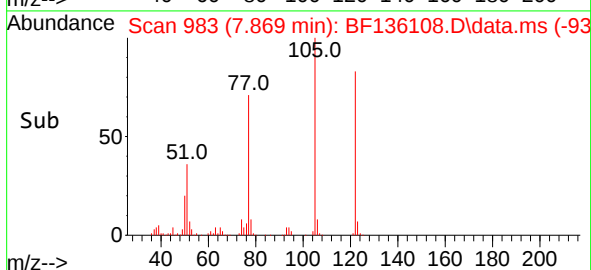
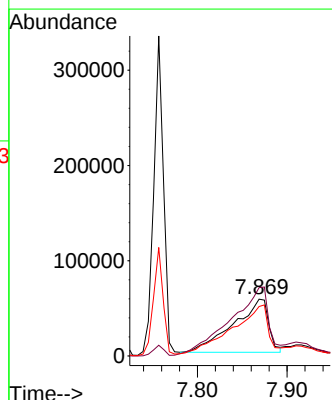
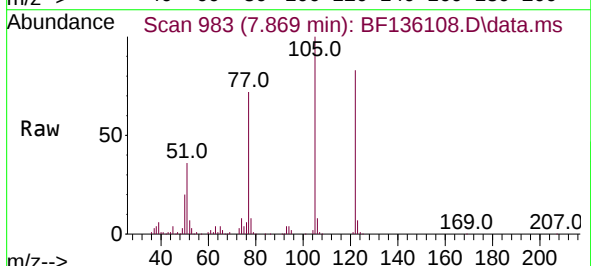
Tgt Ion:122 Resp: 152693

Ion Ratio Lower Upper

122 100

105 120.2 99.5 139.5

77 86.8 66.8 106.8





#33

4-Chloroaniline

Concen: 9.903 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

Tgt Ion:127 Resp: 94440

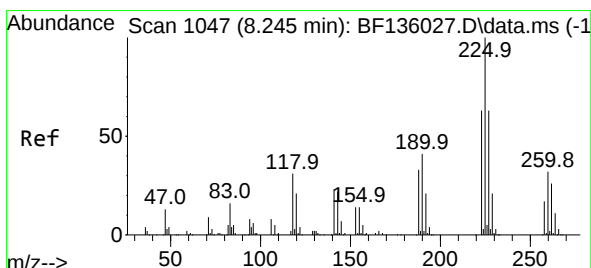
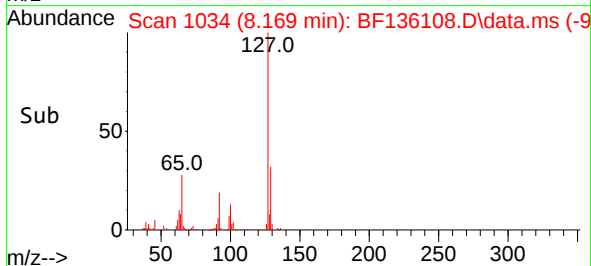
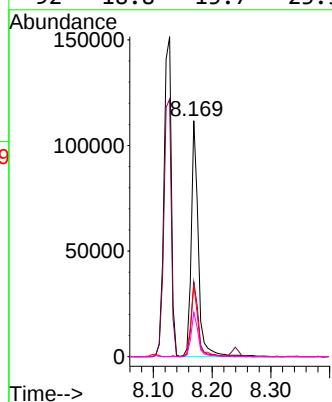
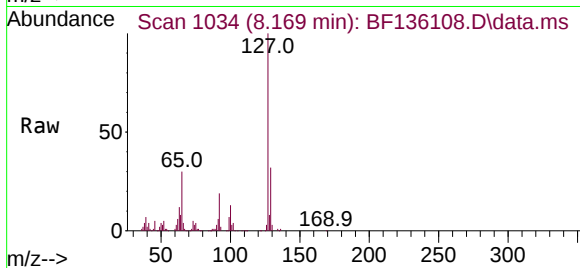
Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 30.4 24.6 37.0

92 18.8 15.7 23.5



#34

Hexachlorobutadiene

Concen: 46.731 ng

RT: 8.239 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

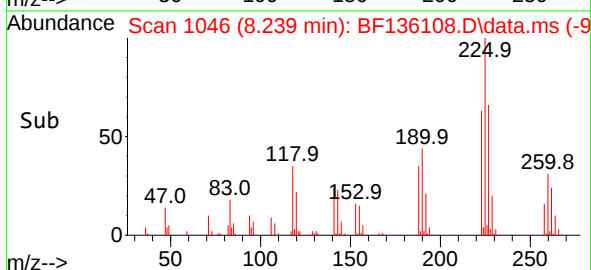
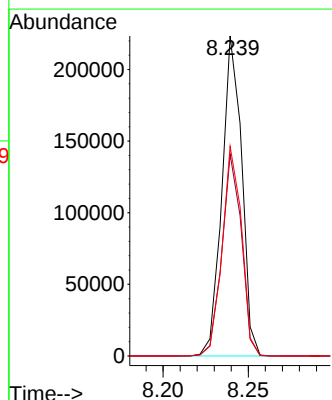
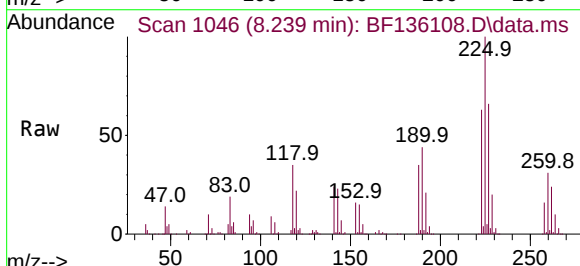
Tgt Ion:225 Resp: 180057

Ion Ratio Lower Upper

225 100

223 63.0 50.3 75.5

227 65.5 50.6 75.8

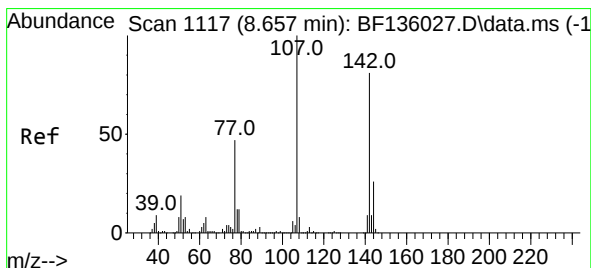
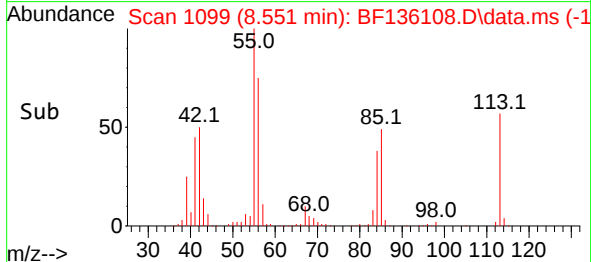
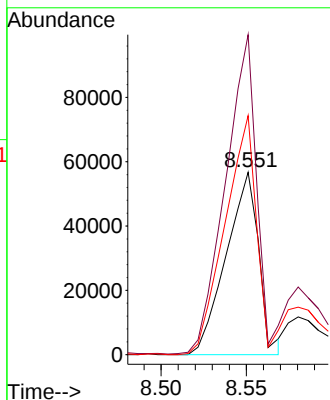
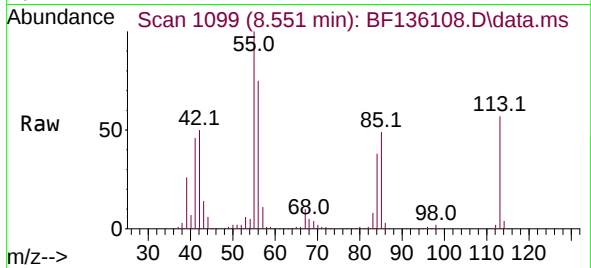




#35
 Caprolactam
 Concen: 37.426 ng
 RT: 8.551 min Scan# 1100
 Delta R.T. -0.006 min
 Lab File: BF136108.D
 Acq: 02 Nov 2023 21:36

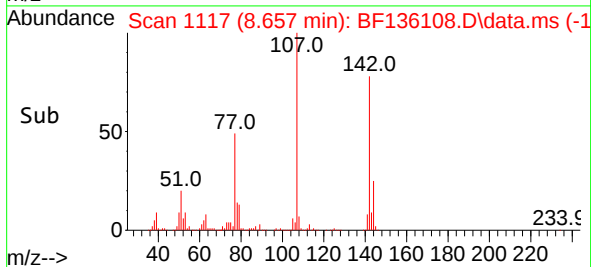
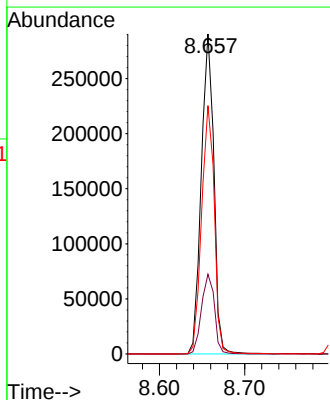
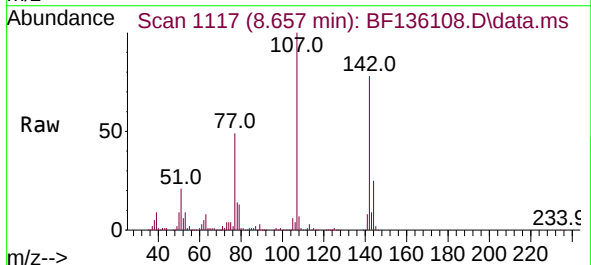
Instrument :
 BNA_F
 ClientSampleId :
 B1MSD

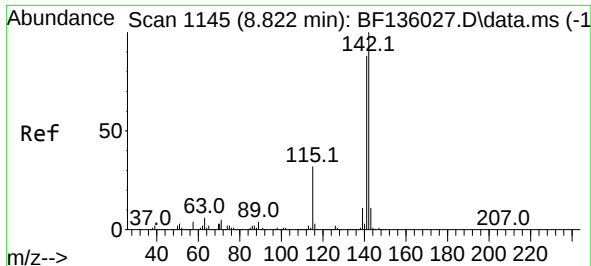
Tgt Ion:113 Resp: 74950
 Ion Ratio Lower Upper
 113 100
 55 175.4 142.2 182.2
 56 131.1 97.7 137.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.145 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BF136108.D
 Acq: 02 Nov 2023 21:36

Tgt Ion:107 Resp: 298367
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.6 31.0
 142 77.6 64.6 97.0





#37

2-Methylnaphthalene

Concen: 42.090 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

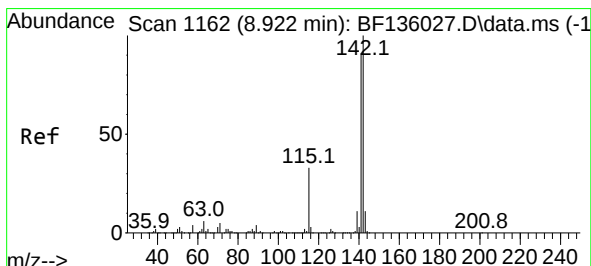
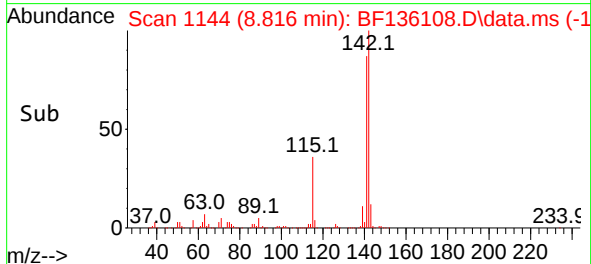
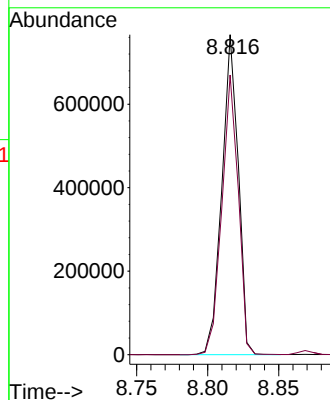
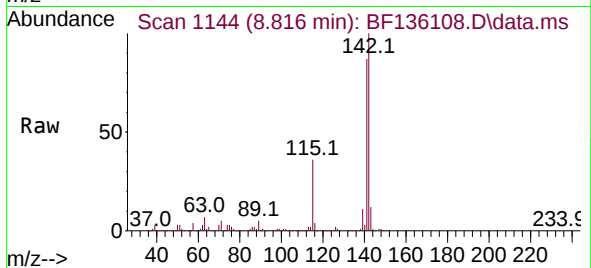
B1MSD

Tgt Ion:142 Resp: 614575

Ion Ratio Lower Upper

142 100

141 87.4 70.4 105.6



#38

1-Methylnaphthalene

Concen: 43.699 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF136108.D

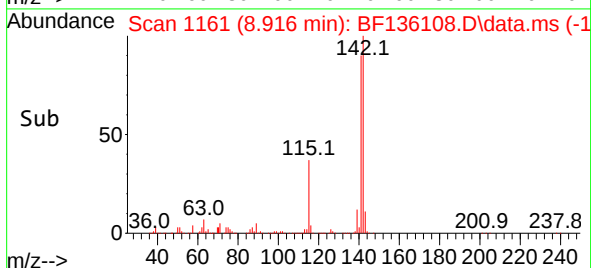
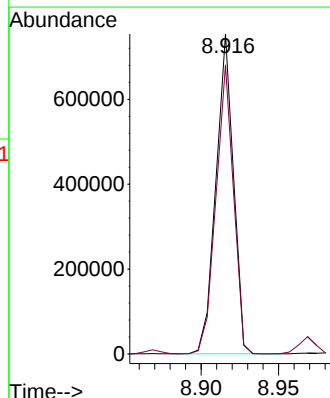
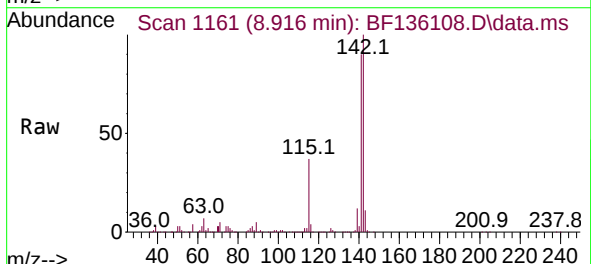
Acq: 02 Nov 2023 21:36

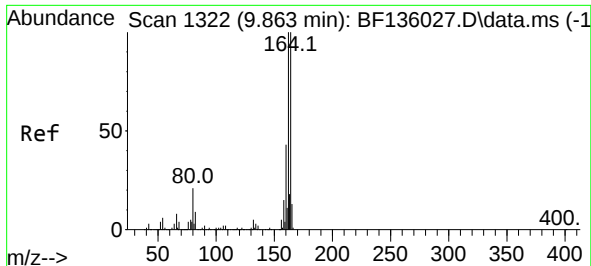
Tgt Ion:142 Resp: 593793

Ion Ratio Lower Upper

142 100

141 90.3 72.6 109.0

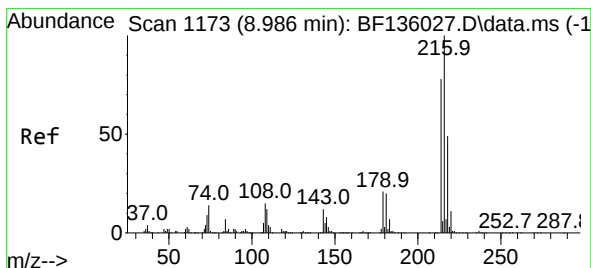
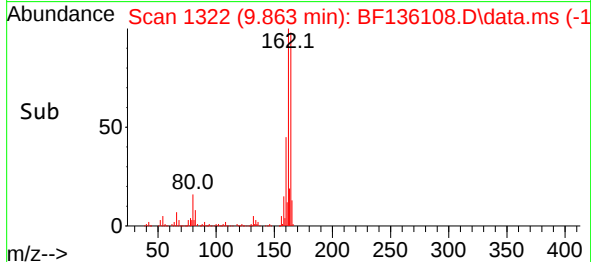
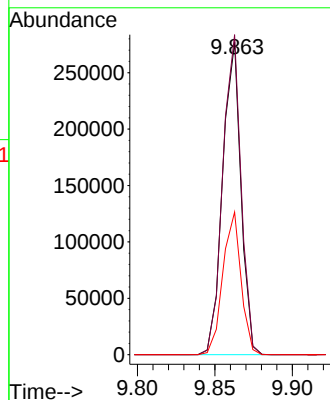
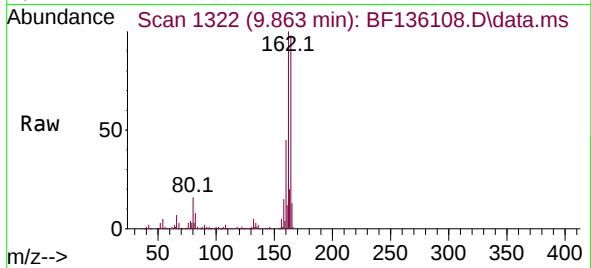




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

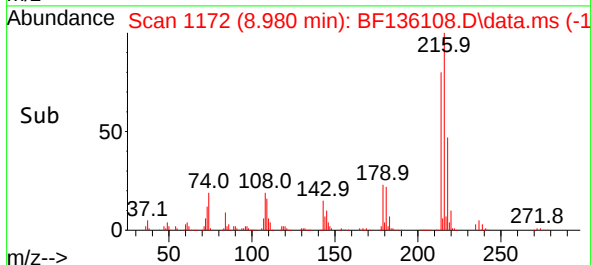
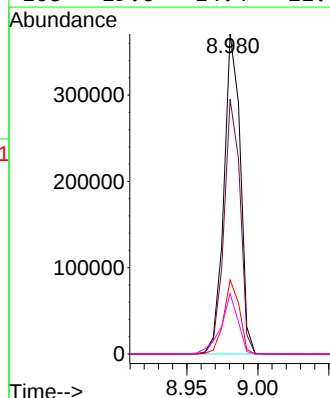
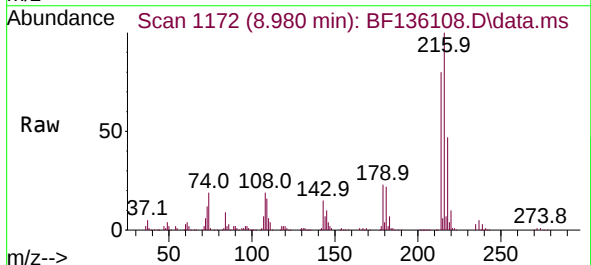
Instrument :
BNA_F
ClientSampleId :
B1MSD

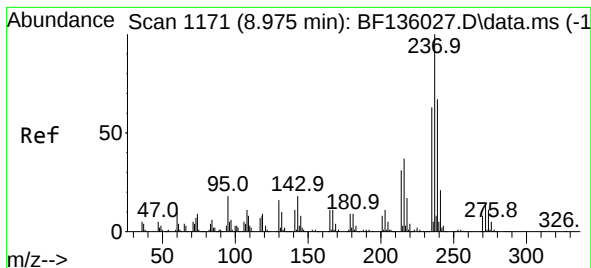
Tgt Ion:164 Resp: 227144
Ion Ratio Lower Upper
164 100
162 102.4 80.1 120.1
160 45.6 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.783 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:216 Resp: 296580
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.6
179 22.1 17.5 26.3
108 19.6 14.4 21.6





#41

Hexachlorocyclopentadiene

Concen: 70.627 ng

RT: 8.969 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

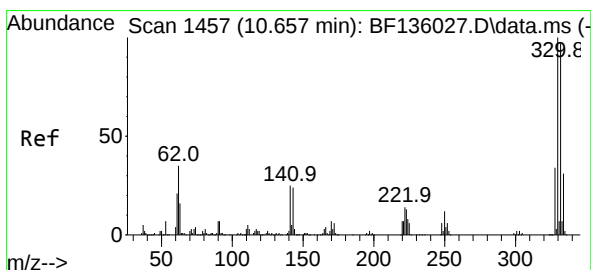
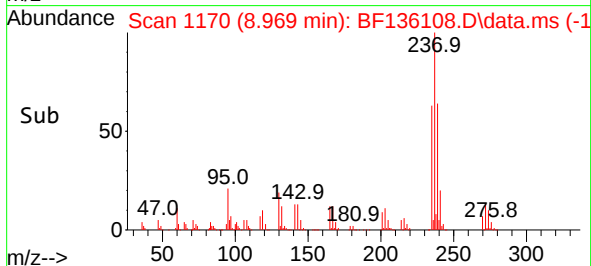
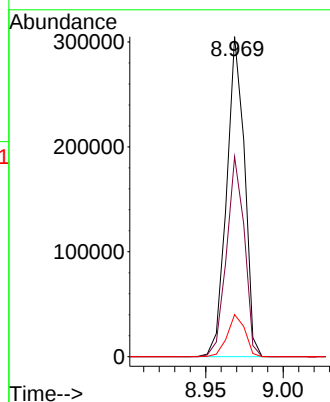
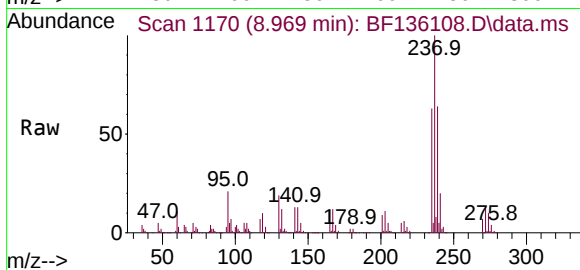
Tgt Ion:237 Resp: 244426

Ion Ratio Lower Upper

237 100

235 62.5 43.3 83.3

272 13.2 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 83.443 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

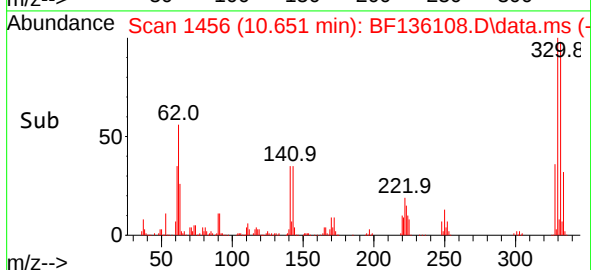
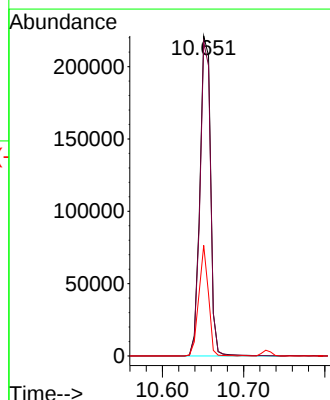
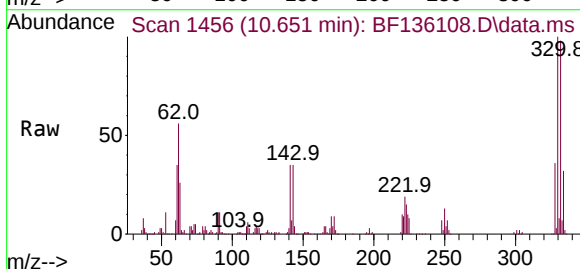
Tgt Ion:330 Resp: 202307

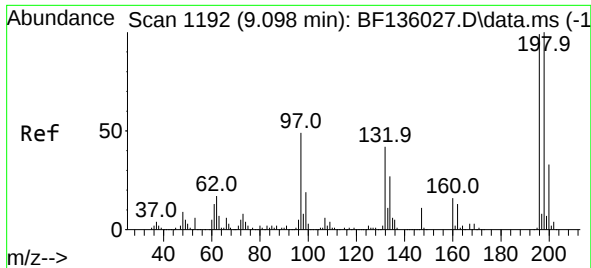
Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

141 31.1 23.2 34.8

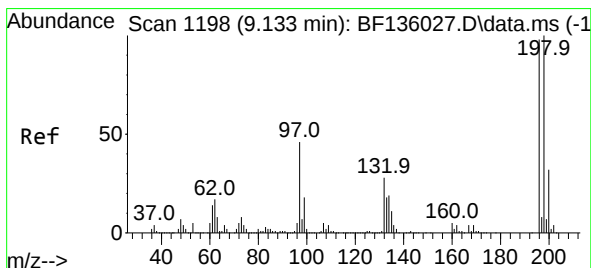
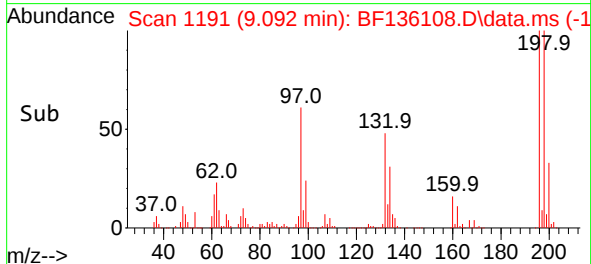
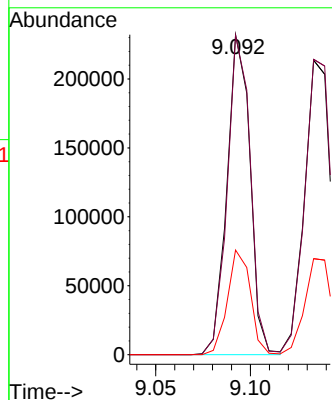
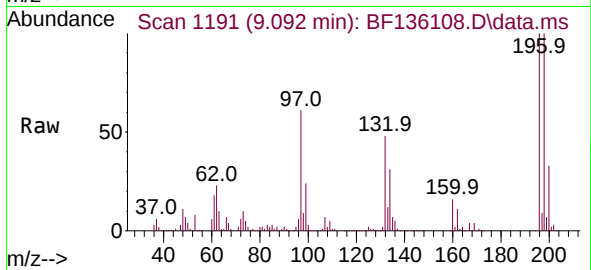




#43
2,4,6-Trichlorophenol
Concen: 46.659 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

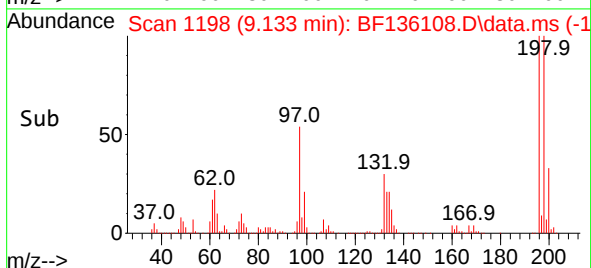
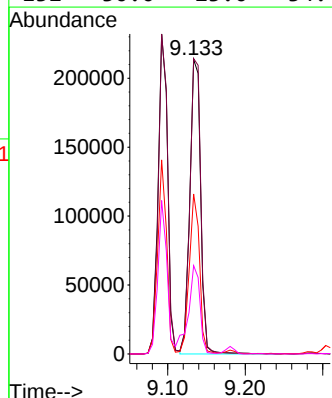
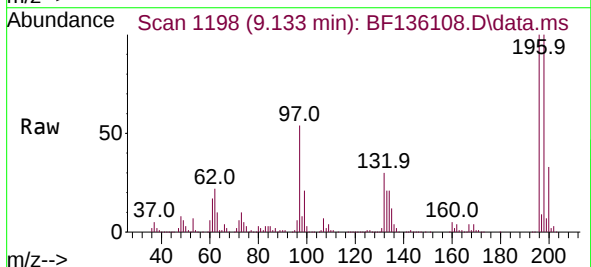
Instrument :
BNA_F
ClientSampleId :
B1MSD

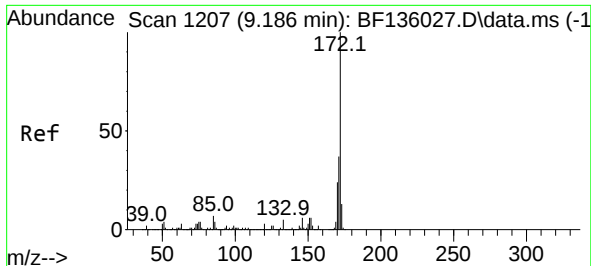
Tgt Ion:196 Resp: 197074
Ion Ratio Lower Upper
196 100
198 99.8 80.7 121.1
200 32.7 26.8 40.2



#44
2,4,5-Trichlorophenol
Concen: 42.452 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:196 Resp: 207706
Ion Ratio Lower Upper
196 100
198 100.3 81.6 122.4
97 54.4 38.2 57.2
132 30.0 23.0 34.4

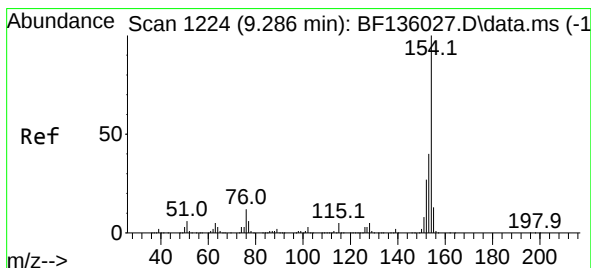
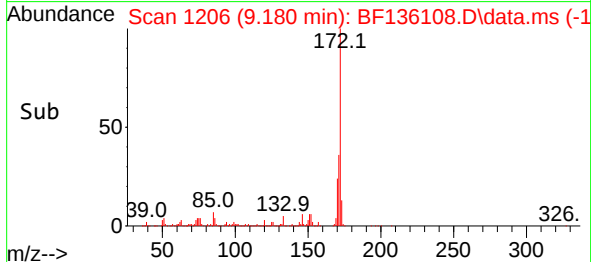
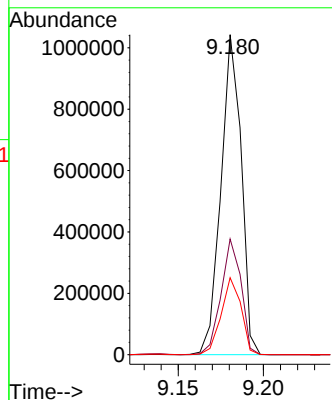
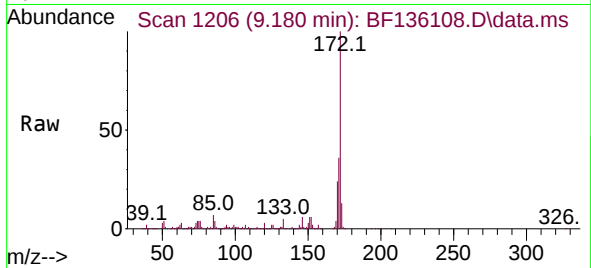




#45
2-Fluorobiphenyl
Concen: 60.652 ng
RT: 9.180 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

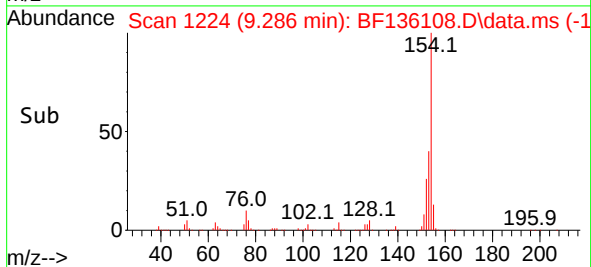
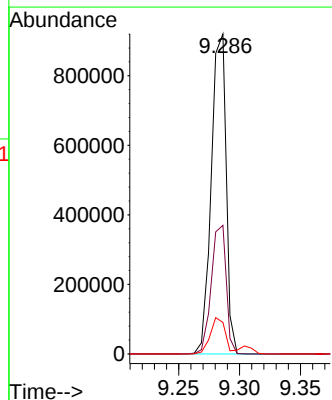
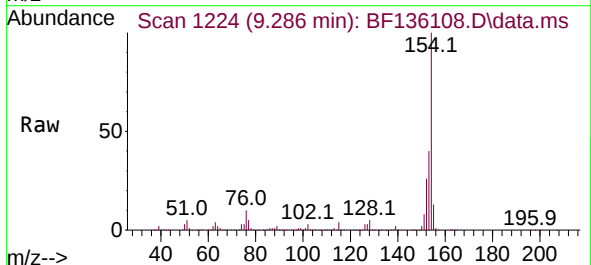
Instrument :
BNA_F
ClientSampleId :
B1MSD

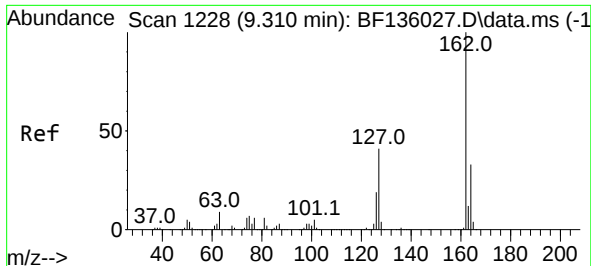
Tgt Ion:172 Resp: 864227
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.1 19.3 28.9



#46
1,1'-Biphenyl
Concen: 45.298 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:154 Resp: 784361
Ion Ratio Lower Upper
154 100
153 40.2 20.1 60.1
76 9.8 0.0 32.5





#47

2-Chloronaphthalene

Concen: 45.839 ng

RT: 9.304 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

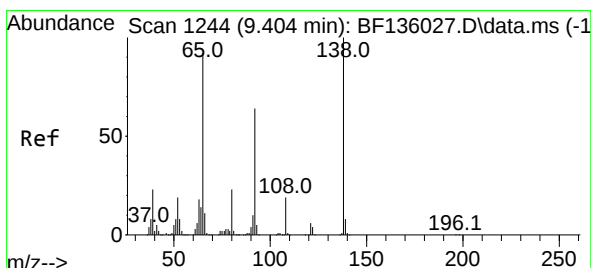
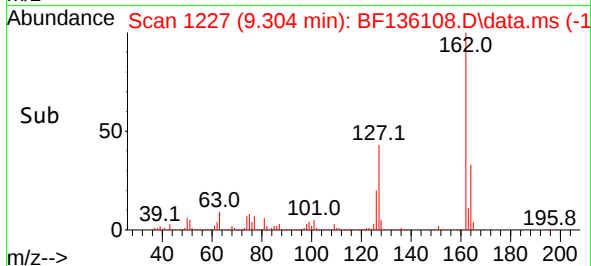
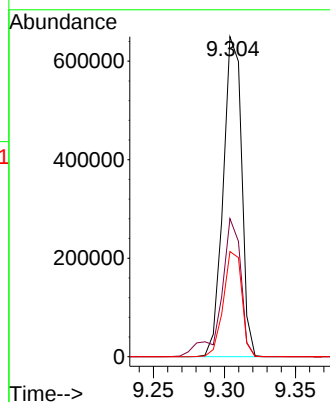
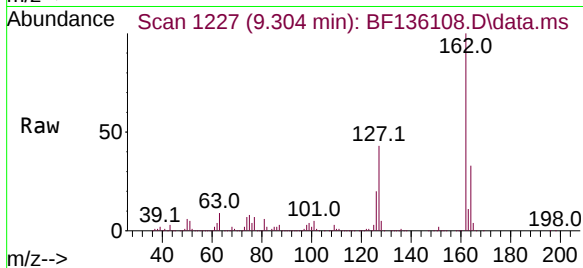
Tgt Ion:162 Resp: 585131

Ion Ratio Lower Upper

162 100

127 43.2 32.4 48.6

164 32.9 26.7 40.1



#48

2-Nitroaniline

Concen: 47.364 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

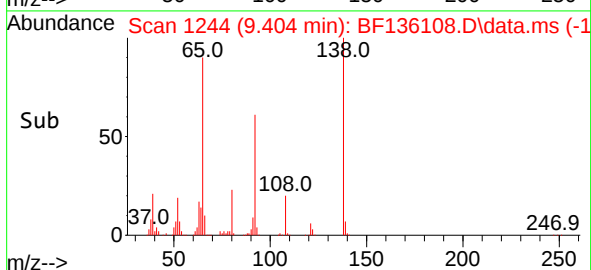
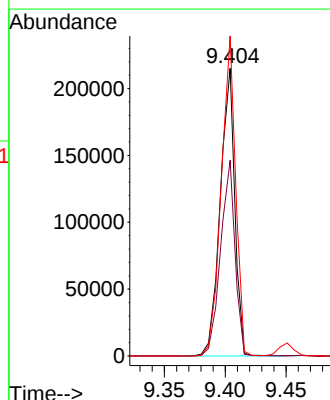
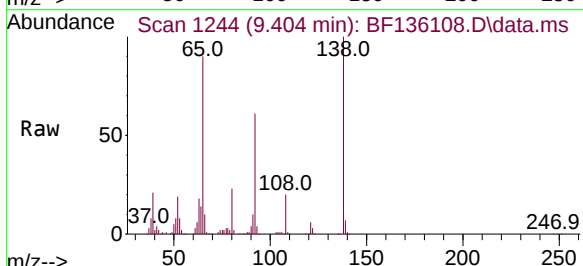
Tgt Ion: 65 Resp: 178929

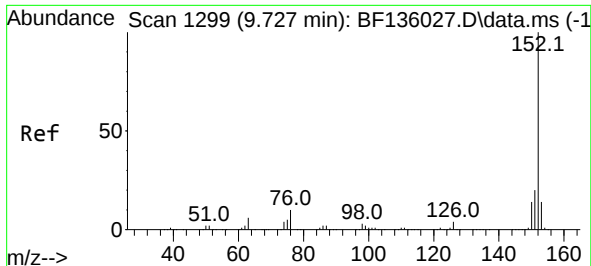
Ion Ratio Lower Upper

65 100

92 68.1 55.7 83.5

138 111.2 86.8 130.2





#49

Acenaphthylene

Concen: 46.787 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

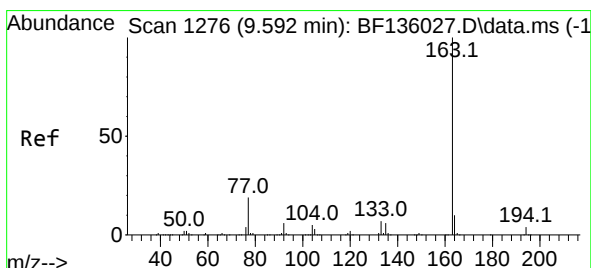
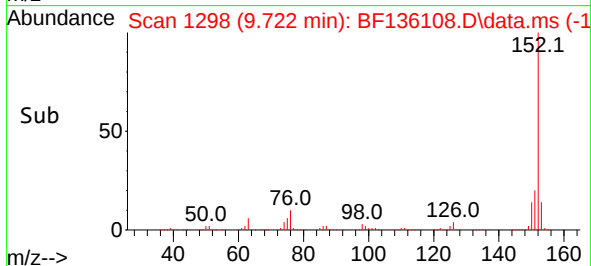
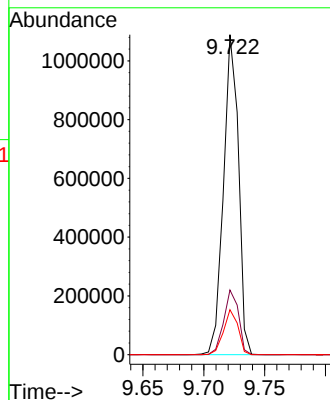
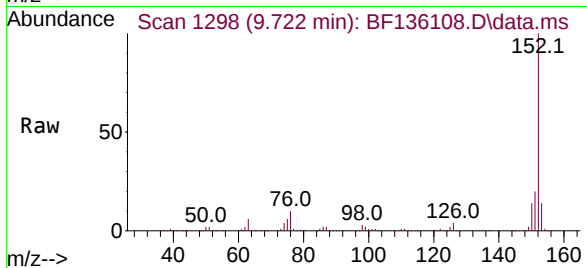
Tgt Ion:152 Resp: 931700

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 14.1 11.4 17.2



#50

Dimethylphthalate

Concen: 45.572 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

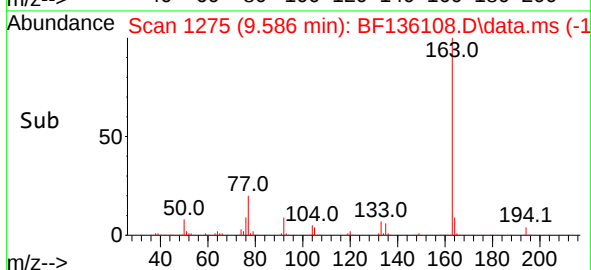
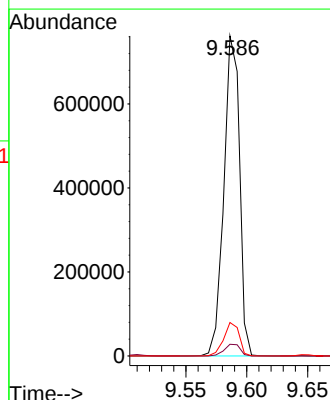
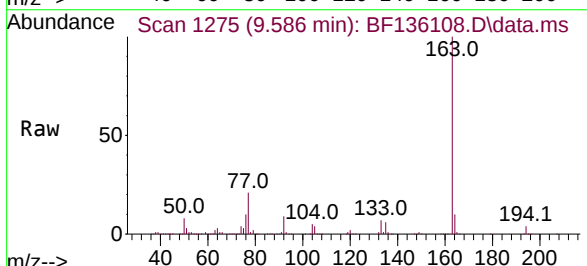
Tgt Ion:163 Resp: 682795

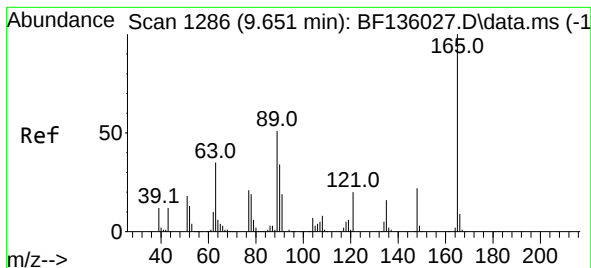
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 48.082 ng

RT: 9.651 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

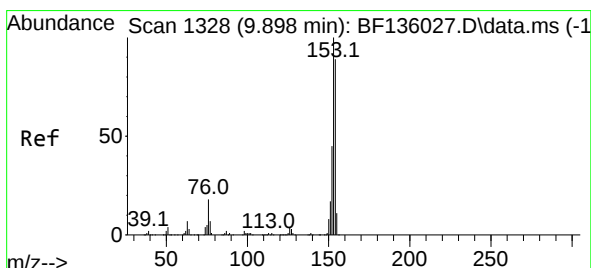
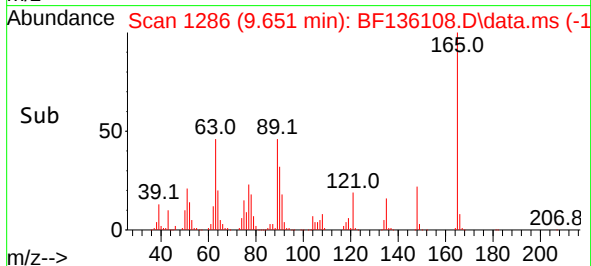
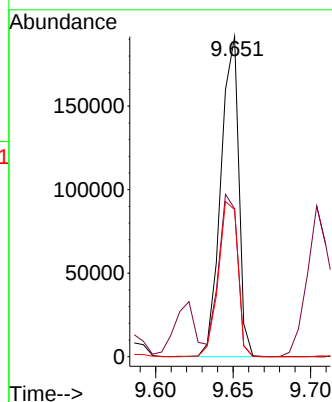
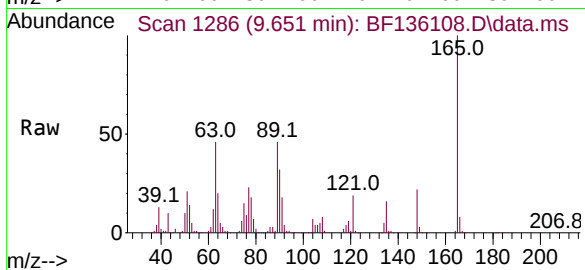
Tgt Ion:165 Resp: 154080

Ion Ratio Lower Upper

165 100

63 46.3 40.8 61.2

89 46.0 41.1 61.7



#52

Acenaphthene

Concen: 43.107 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

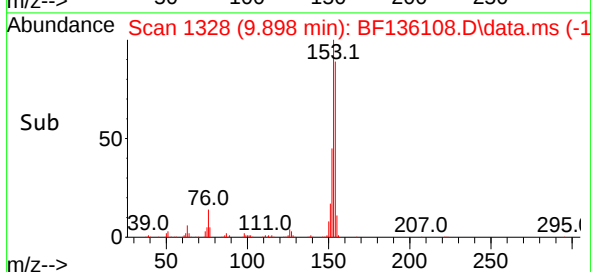
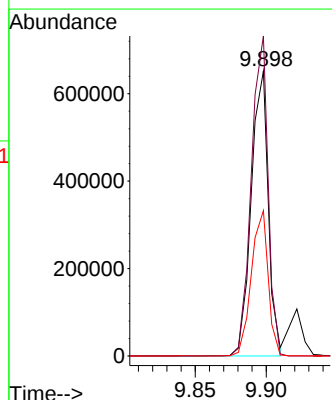
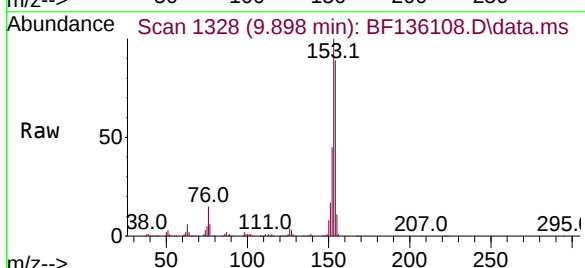
Tgt Ion:154 Resp: 545701

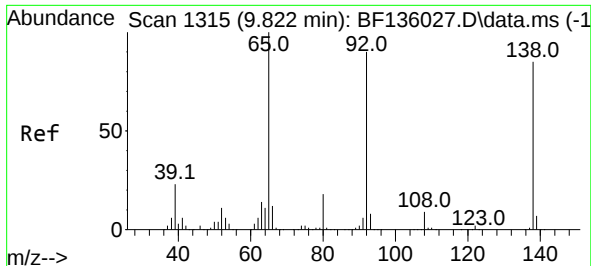
Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

152 51.0 40.2 60.2

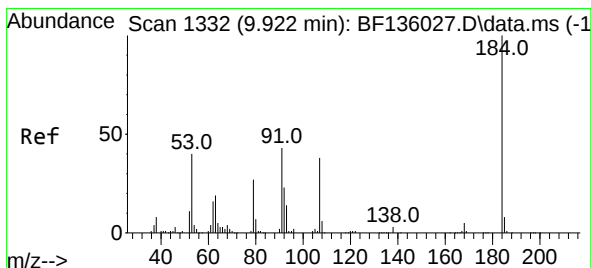
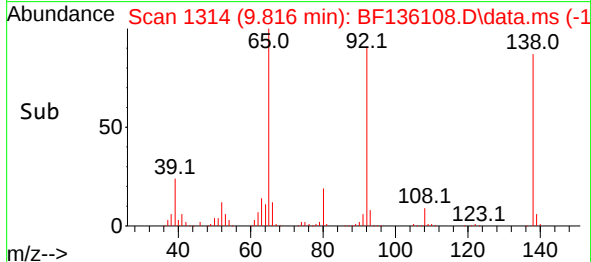
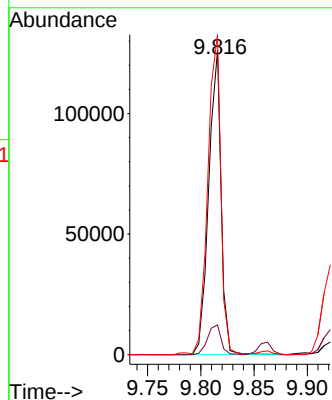
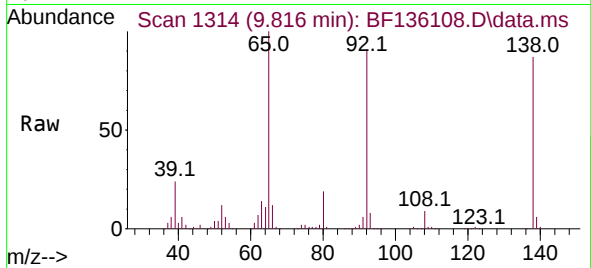




#53
3-Nitroaniline
Concen: 27.288 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

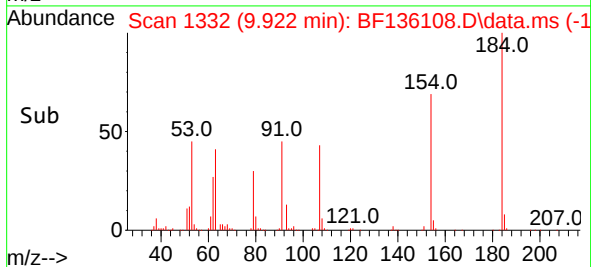
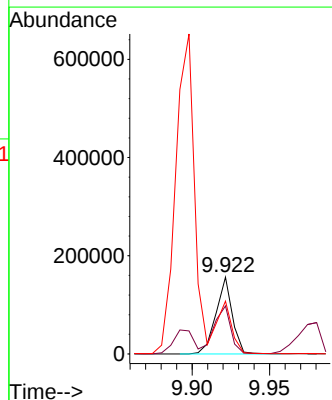
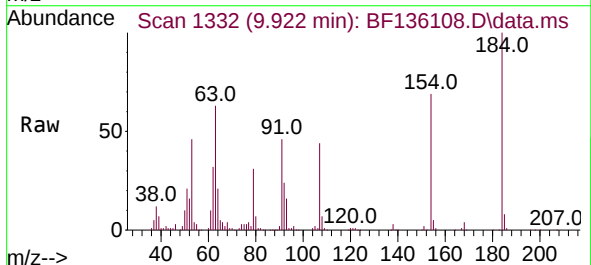
Instrument :
BNA_F
ClientSampleId :
B1MSD

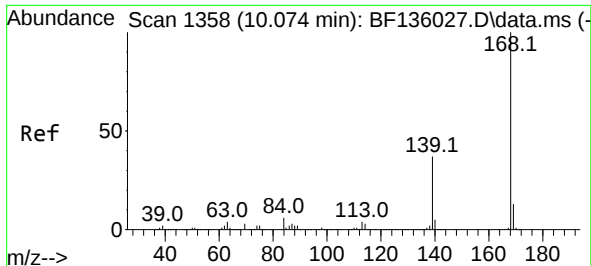
Tgt Ion:138 Resp: 102032
Ion Ratio Lower Upper
138 100
108 9.8 8.8 13.2
92 105.3 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 67.646 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:184 Resp: 115109
Ion Ratio Lower Upper
184 100
63 62.6 43.7 65.5
154 68.8 51.2 76.8

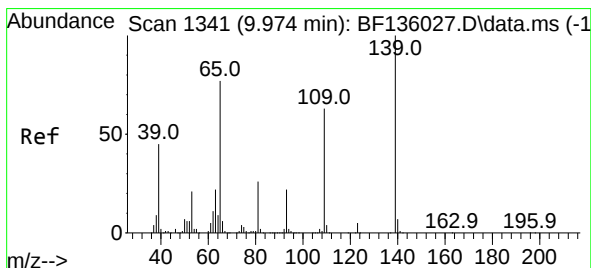
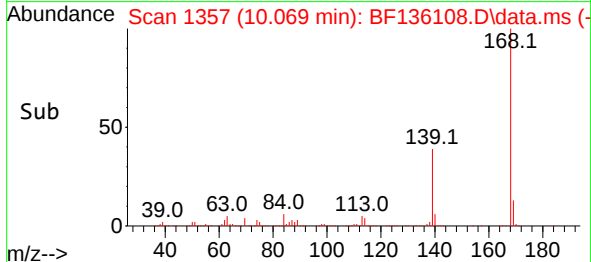
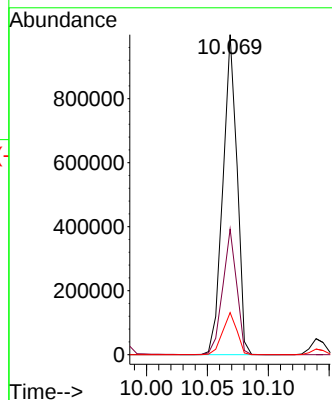
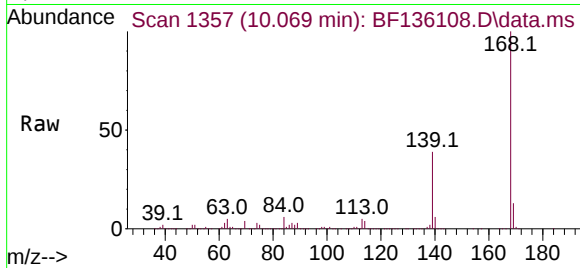




#55
Dibenzenofuran
Concen: 43.861 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

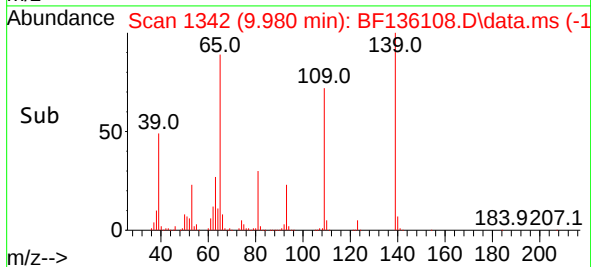
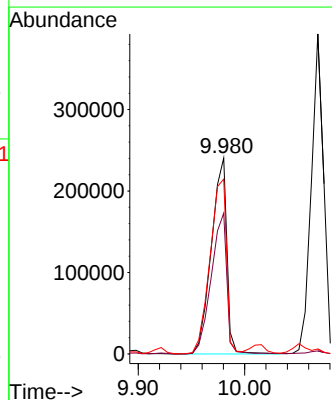
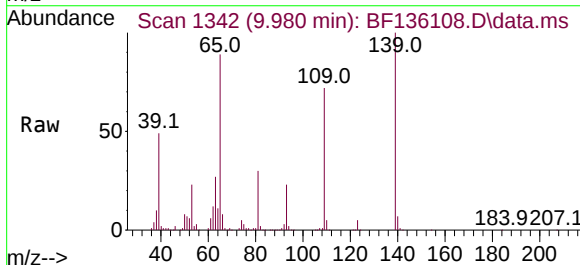
Instrument :
BNA_F
ClientSampleId :
B1MSD

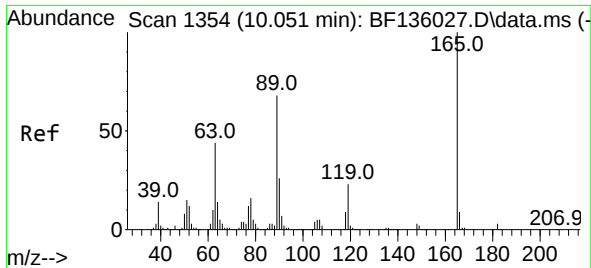
Tgt Ion:168 Resp: 809642
Ion Ratio Lower Upper
168 100
139 39.3 29.4 44.0
169 13.1 10.5 15.7



#56
4-Nitrophenol
Concen: 86.747 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:139 Resp: 242622
Ion Ratio Lower Upper
139 100
109 71.8 43.2 83.2
65 89.2 57.6 97.6

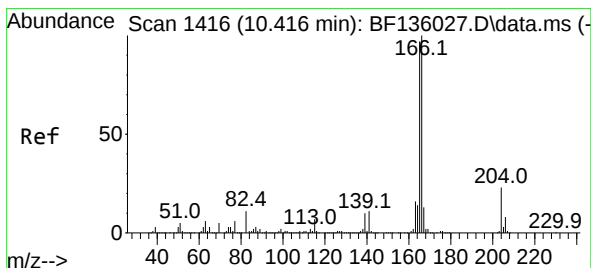
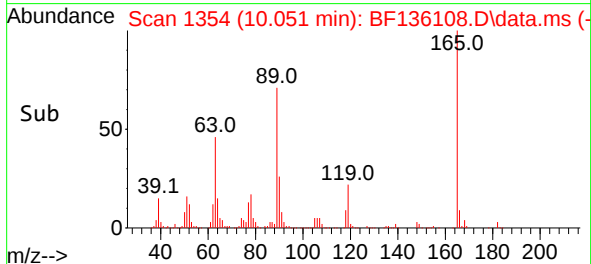
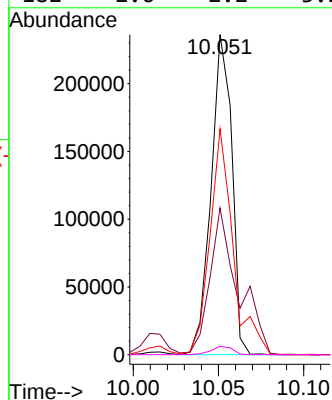
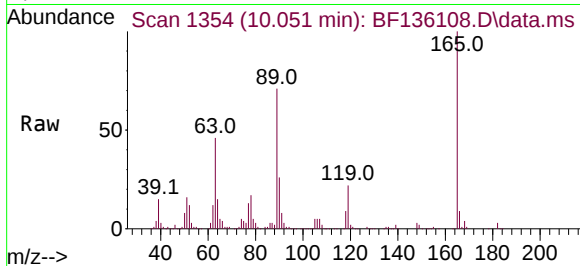




#57
2,4-Dinitrotoluene
Concen: 49.367 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

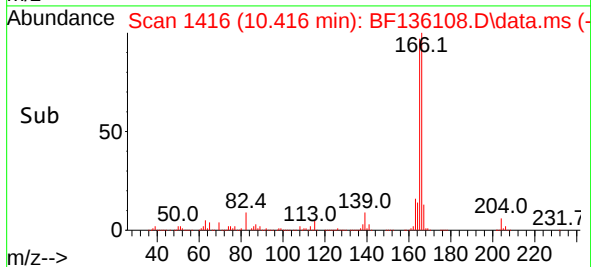
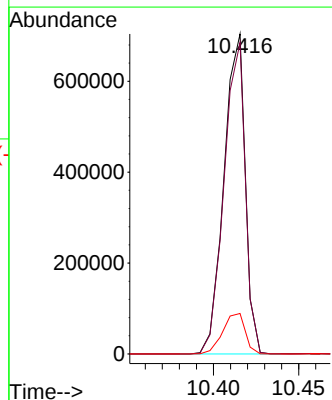
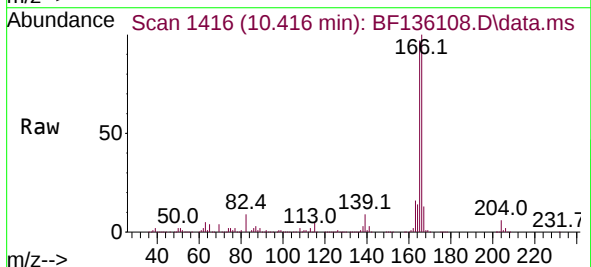
Instrument :
BNA_F
ClientSampleId :
B1MSD

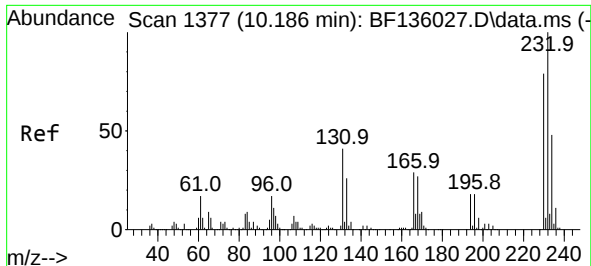
Tgt Ion:165 Resp: 200158
Ion Ratio Lower Upper
165 100
63 45.8 35.2 52.8
89 70.6 54.8 82.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 44.300 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:166 Resp: 612260
Ion Ratio Lower Upper
166 100
165 97.3 77.7 116.5
167 12.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.441 ng

RT: 10.186 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

Tgt Ion:232 Resp: 172866

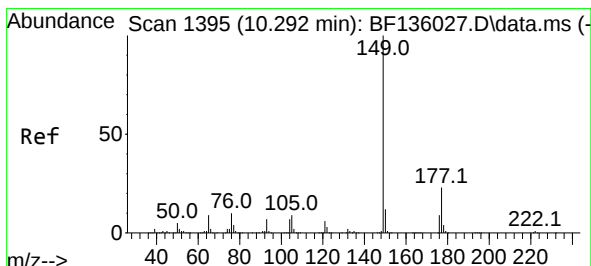
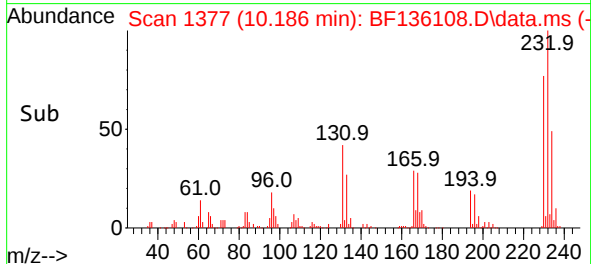
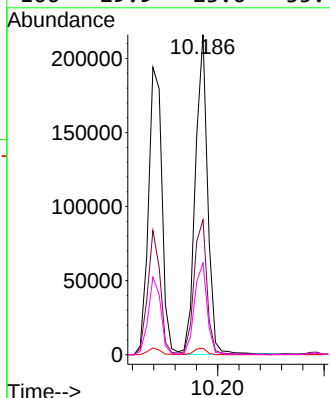
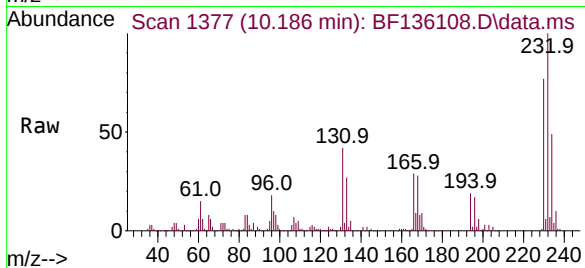
Ion Ratio Lower Upper

232 100

131 44.4 34.6 52.0

130 2.1 1.6 2.4

166 29.9 23.6 35.4



#60

Diethylphthalate

Concen: 45.642 ng

RT: 10.292 min Scan# 1395

Delta R.T. -0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

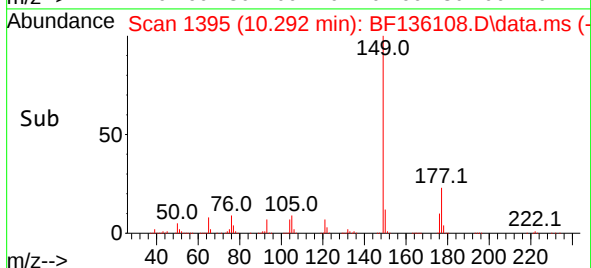
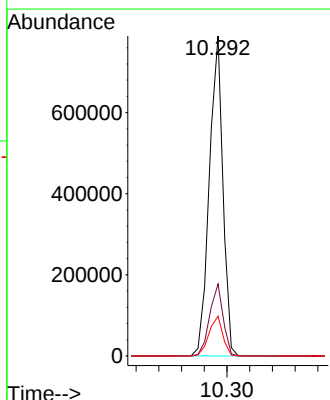
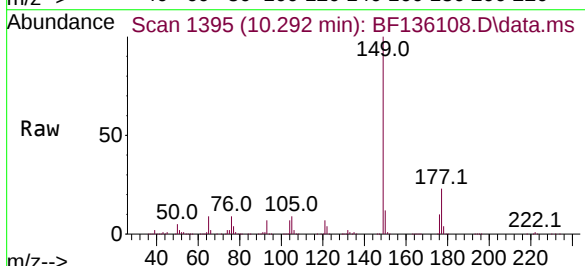
Tgt Ion:149 Resp: 653387

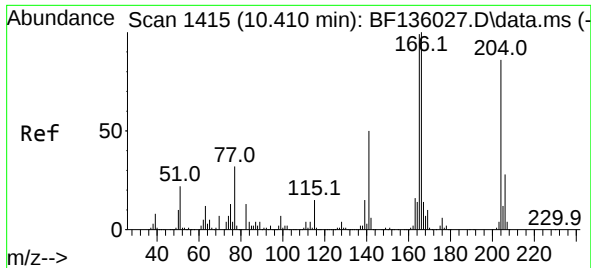
Ion Ratio Lower Upper

149 100

177 22.5 18.2 27.4

150 12.4 9.9 14.9

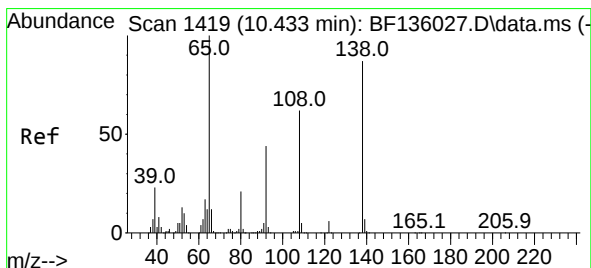
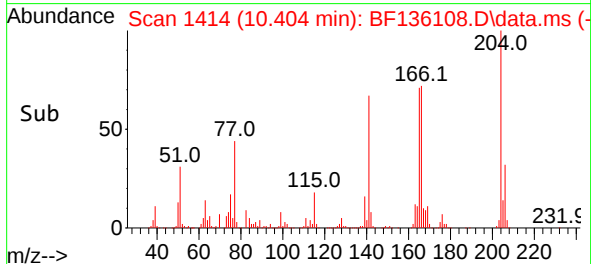
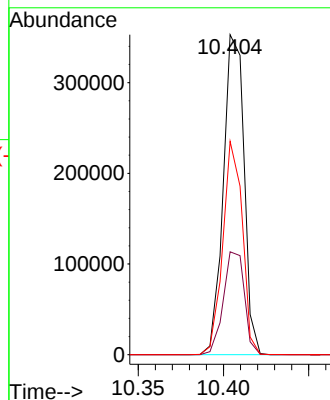
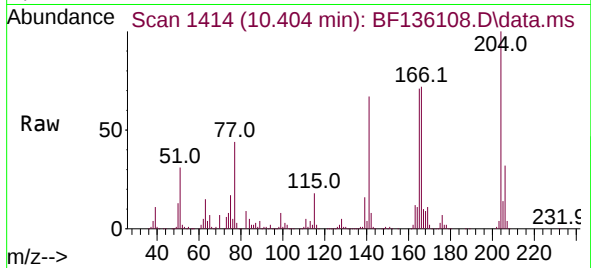




#61
4-Chlorophenyl-phenylether
Concen: 43.365 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

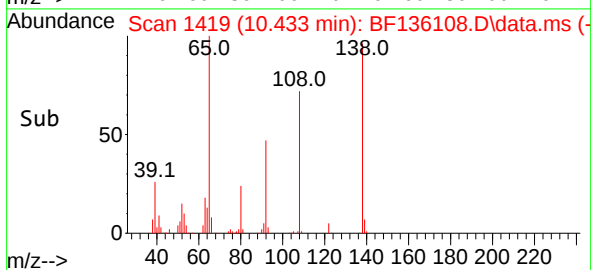
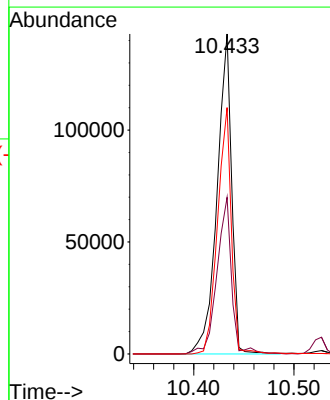
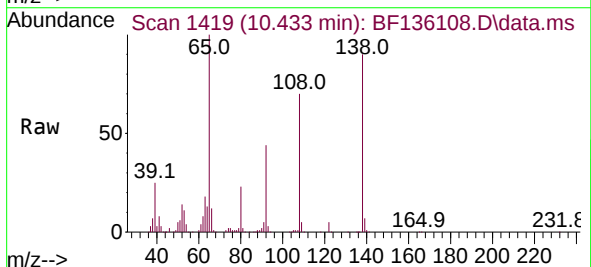
Instrument :
BNA_F
ClientSampleId :
B1MSD

Tgt Ion:204 Resp: 299173
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 66.6 46.8 70.2



#62
4-Nitroaniline
Concen: 40.213 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:138 Resp: 144786
Ion Ratio Lower Upper
138 100
92 48.9 30.6 70.6
108 77.0 51.5 91.5





#63

Azobenzene

Concen: 42.993 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

Tgt Ion: 77 Resp: 592739

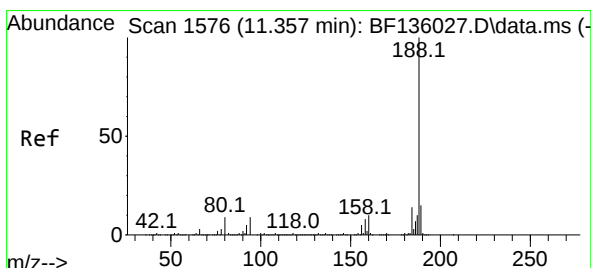
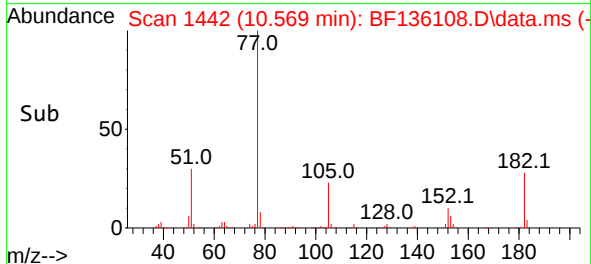
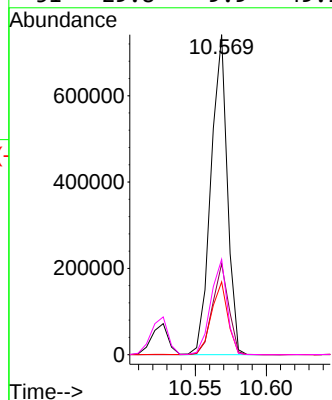
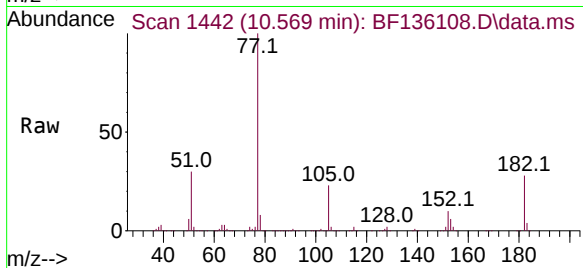
Ion Ratio Lower Upper

77 100

182 28.4 5.0 45.0

105 22.8 2.6 42.6

51 29.8 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

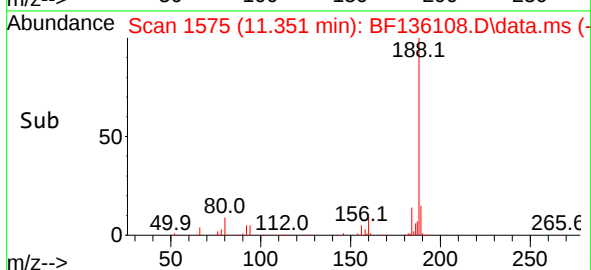
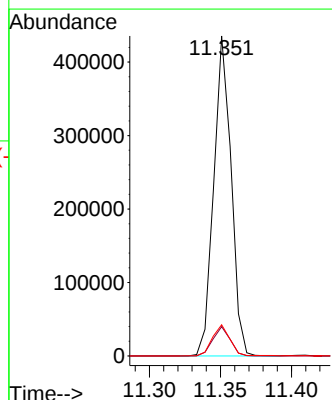
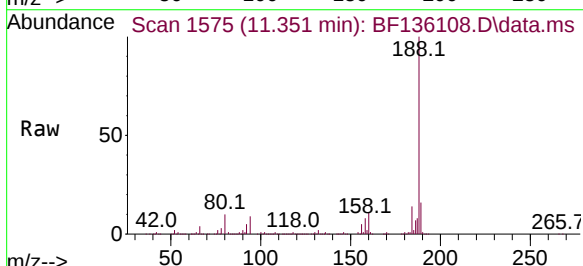
Tgt Ion: 188 Resp: 369524

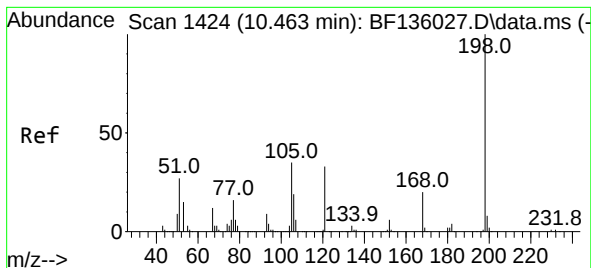
Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 9.8 7.4 11.0

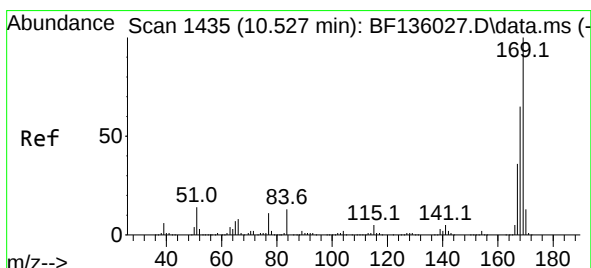
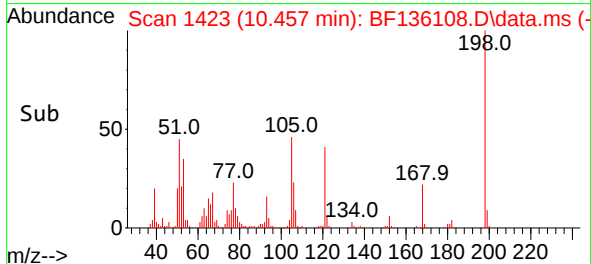
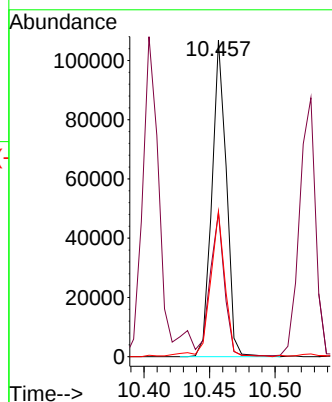
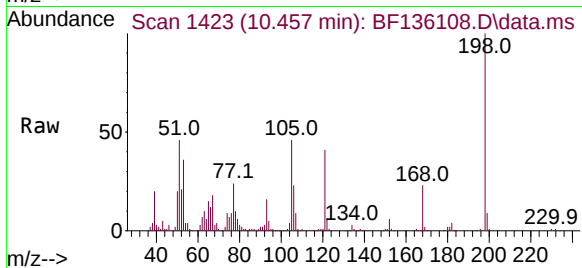




#65
4,6-Dinitro-2-methylphenol
Concen: 41.359 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

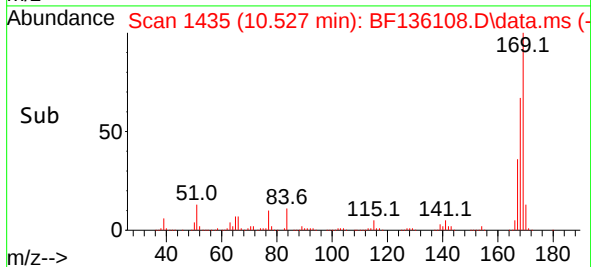
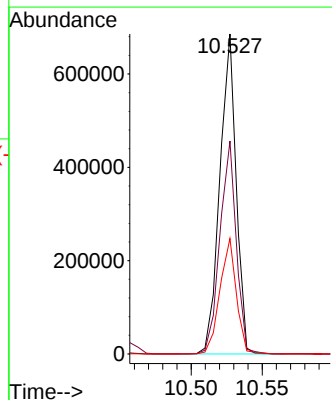
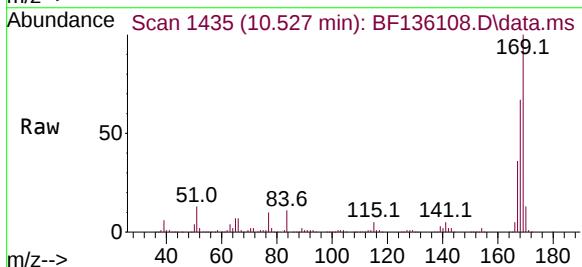
Instrument :
BNA_F
ClientSampleId :
B1MSD

Tgt Ion	198	Resp	82126
Ion	Ratio	Lower	Upper
198	100		
51	45.5	12.9	52.9
105	45.9	16.0	56.0



#66
n-Nitrosodiphenylamine
Concen: 49.108 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion	169	Resp	547419
Ion	Ratio	Lower	Upper
169	100		
168	66.5	52.2	78.2
167	36.1	28.7	43.1

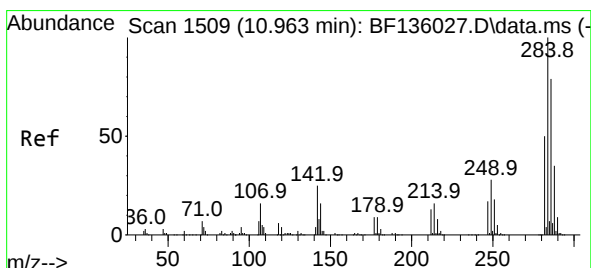
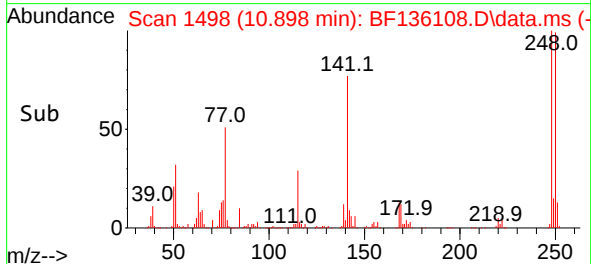
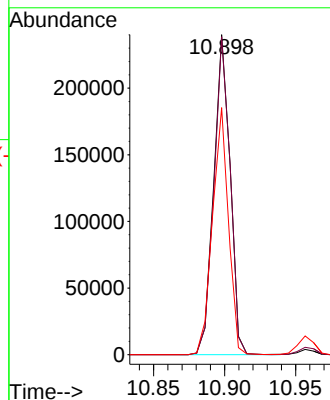
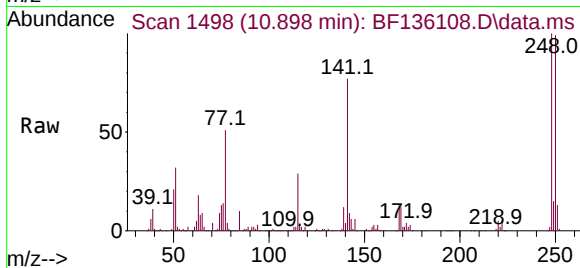




#67
4-Bromophenyl-phenylether
Concen: 49.431 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

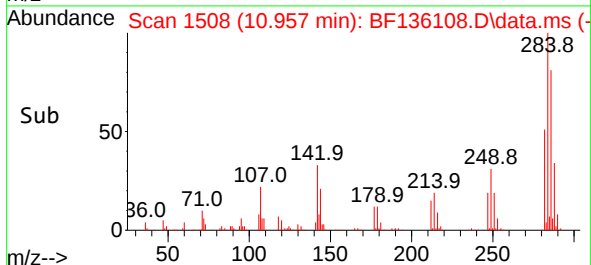
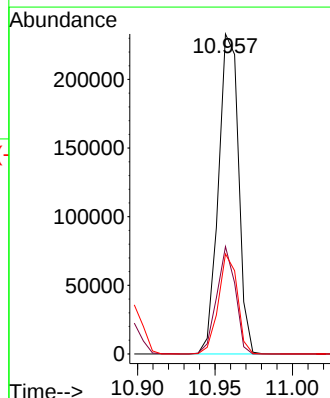
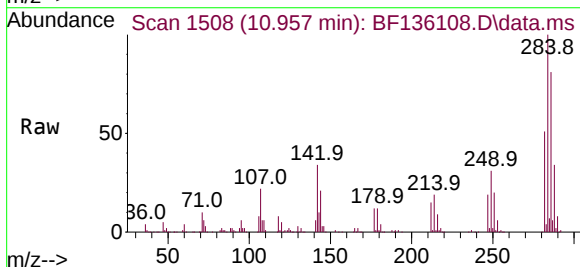
Instrument :
BNA_F
ClientSampleId :
B1MSD

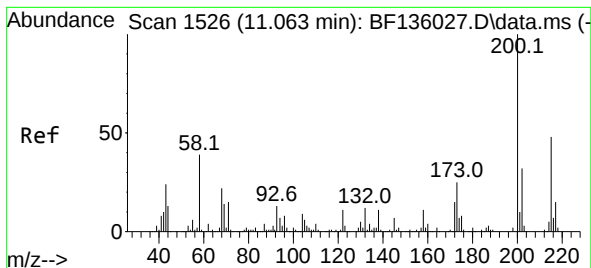
Tgt Ion:248 Resp: 191507
Ion Ratio Lower Upper
248 100
250 99.3 77.6 116.4
141 77.2 50.4 75.6#



#68
Hexachlorobenzene
Concen: 50.727 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:284 Resp: 209892
Ion Ratio Lower Upper
284 100
142 33.5 20.2 30.4#
249 31.3 22.6 33.8





#69

Atrazine

Concen: 62.898 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

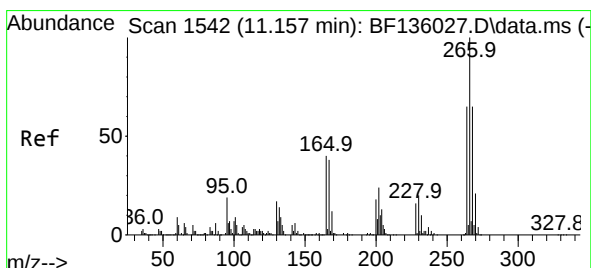
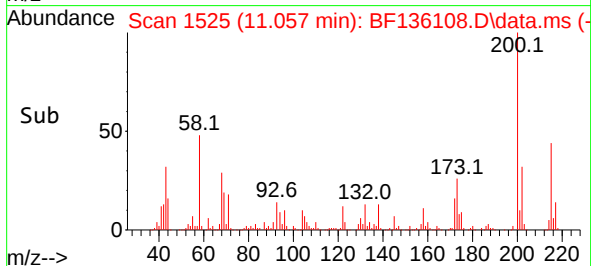
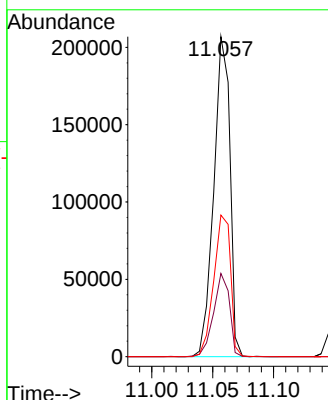
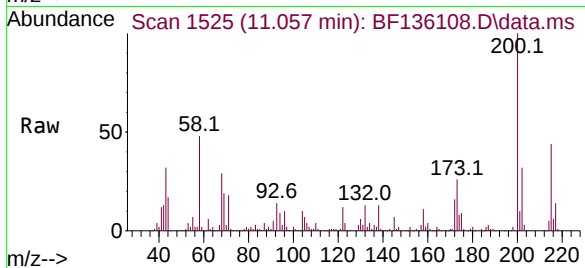
Tgt Ion:200 Resp: 190764

Ion Ratio Lower Upper

200 100

173 26.0 5.2 45.2

215 44.3 28.4 68.4



#70

Pentachlorophenol

Concen: 81.136 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

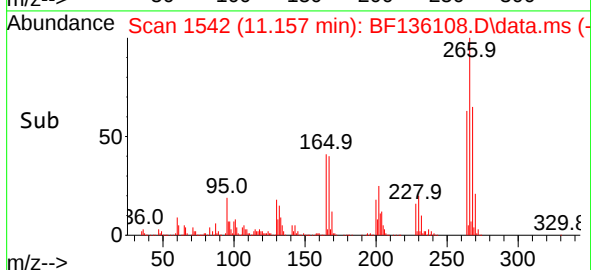
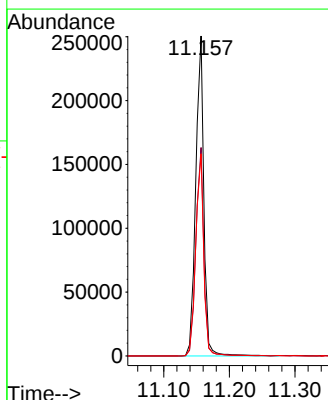
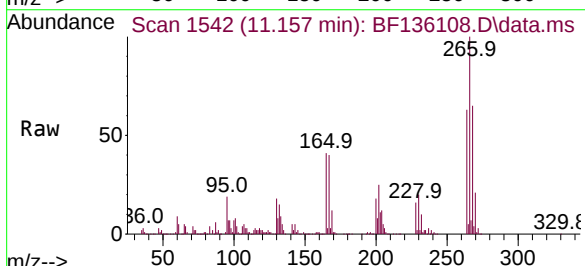
Tgt Ion:266 Resp: 215604

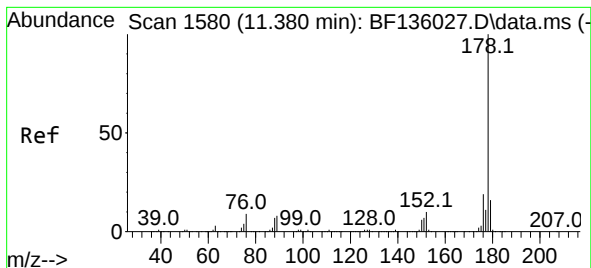
Ion Ratio Lower Upper

266 100

268 65.1 52.2 78.4

264 63.2 52.2 78.4





#71

Phenanthrene

Concen: 46.520 ng

RT: 11.380 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

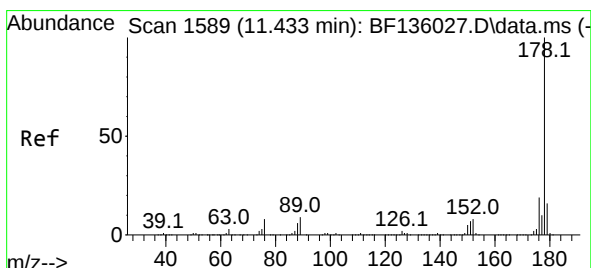
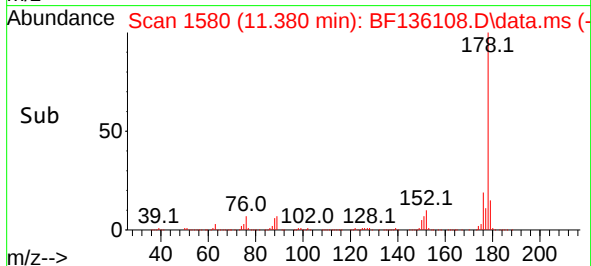
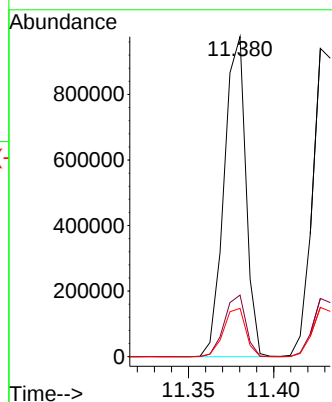
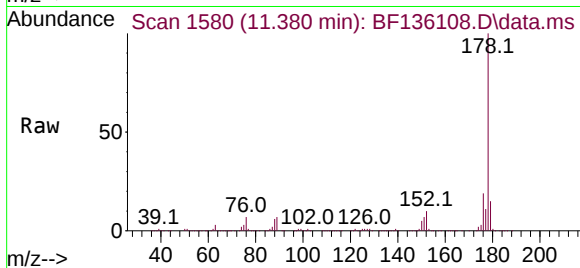
Tgt Ion:178 Resp: 865530

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.1 12.9 19.3



#72

Anthracene

Concen: 45.381 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

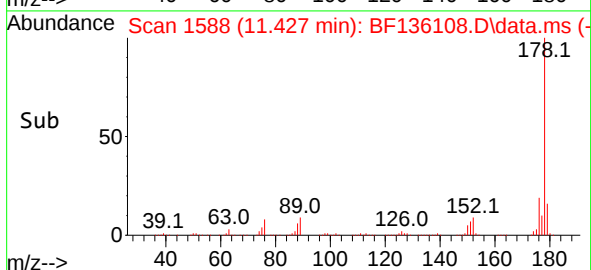
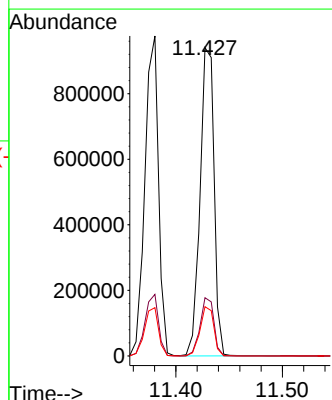
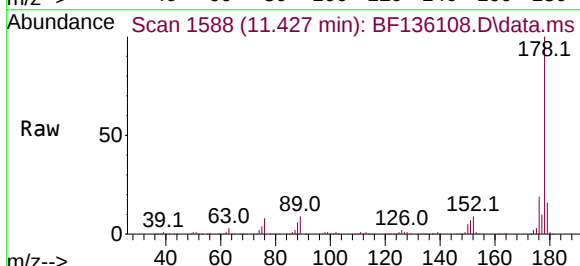
Tgt Ion:178 Resp: 865199

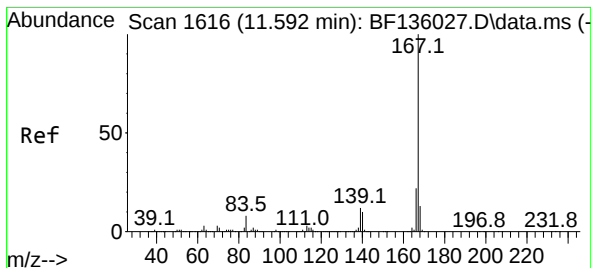
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 16.0 12.6 18.8





#73

Carbazole

Concen: 43.695 ng

RT: 11.586 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

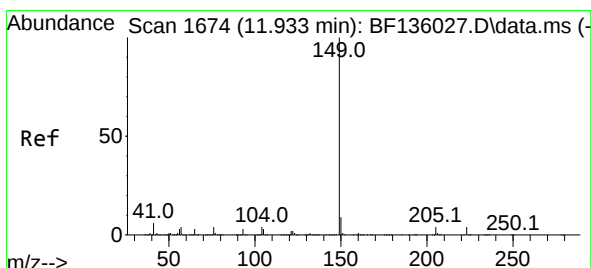
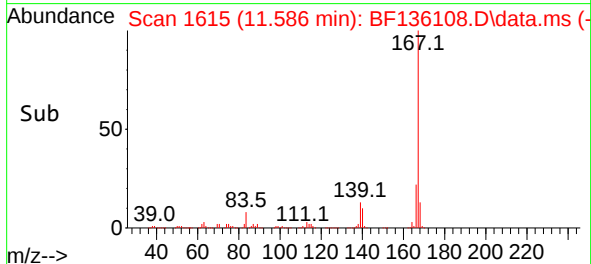
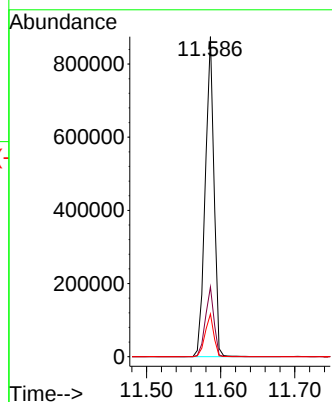
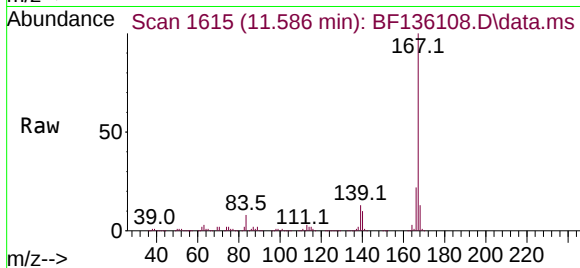
Tgt Ion:167 Resp: 723914

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 13.4 9.9 14.9



#74

Di-n-butylphthalate

Concen: 48.720 ng

RT: 11.927 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

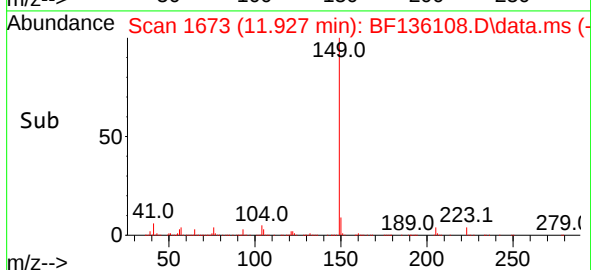
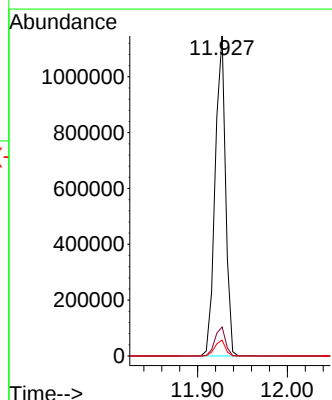
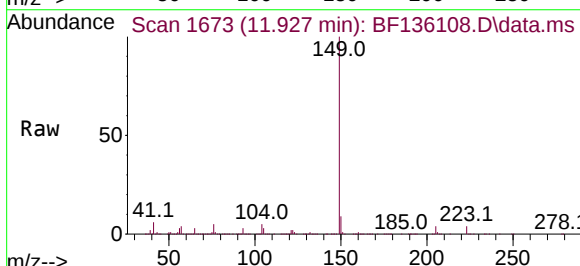
Tgt Ion:149 Resp: 922314

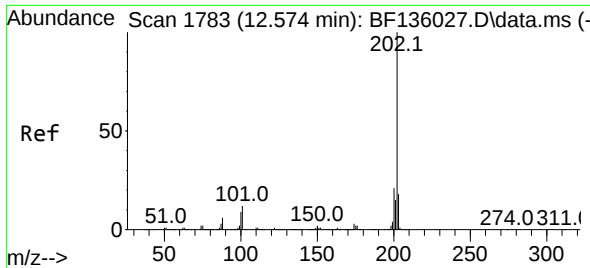
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.9 3.6 5.4

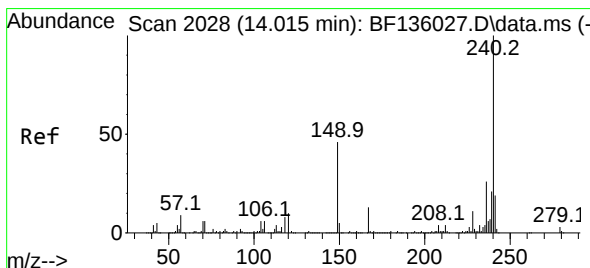
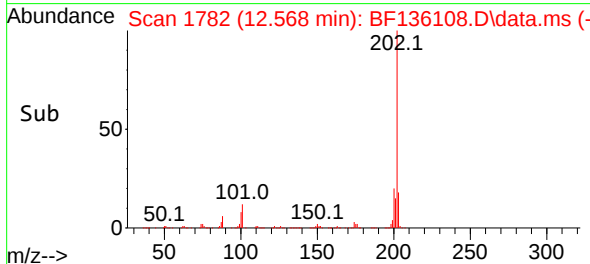
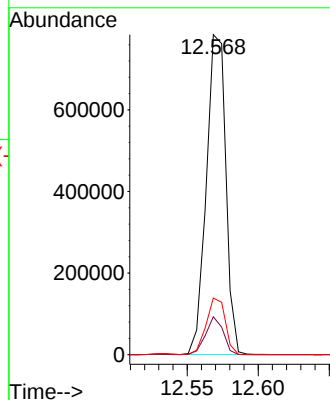
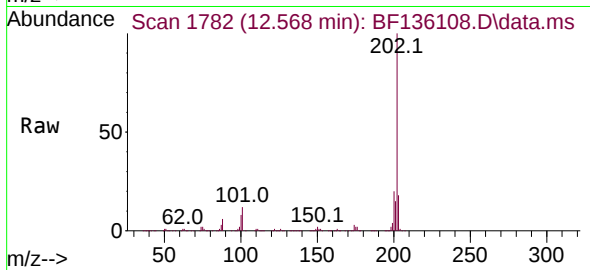




#75
Fluoranthene
Concen: 39.253 ng
RT: 12.568 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

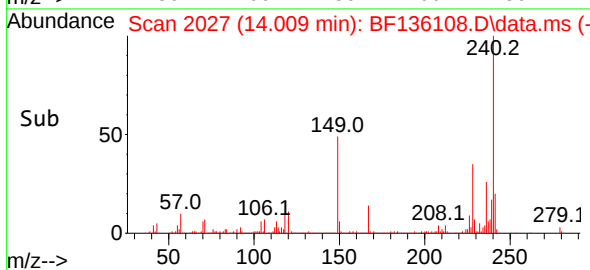
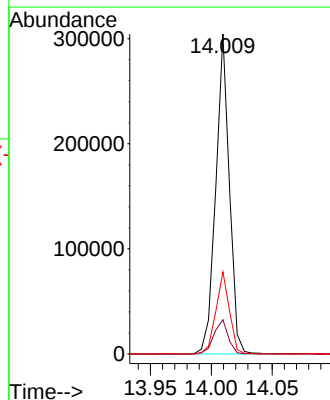
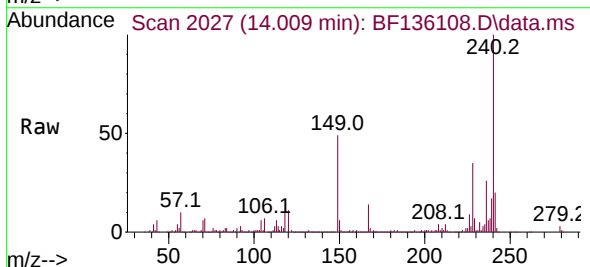
Instrument :
BNA_F
ClientSampleId :
B1MSD

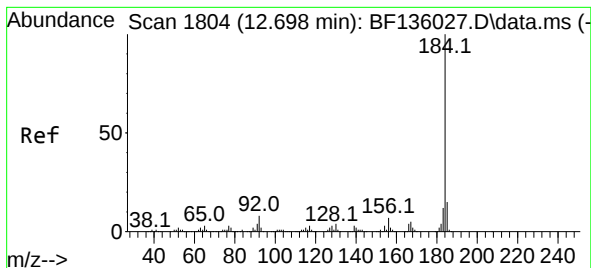
Tgt Ion:202 Resp: 750271
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.8
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:240 Resp: 235884
Ion Ratio Lower Upper
240 100
120 10.7 7.6 11.4
236 25.6 20.6 31.0





#77

Benzidine

Concen: 39.675 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

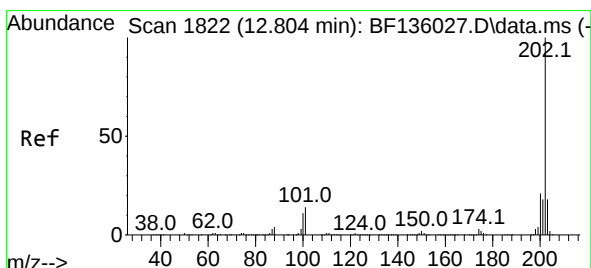
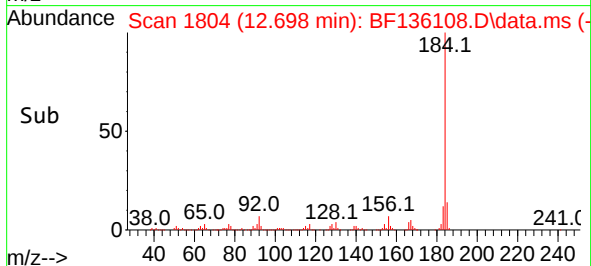
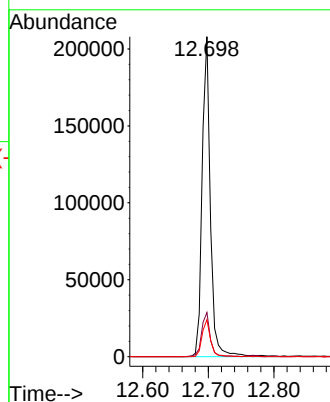
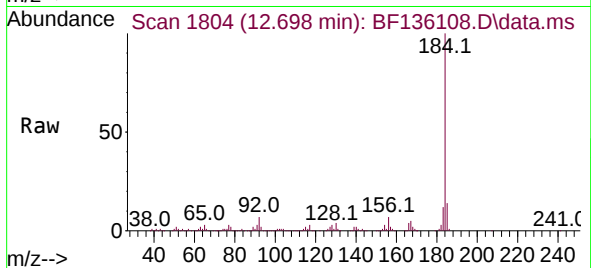
Tgt Ion:184 Resp: 182411

Ion Ratio Lower Upper

184 100

185 13.8 11.8 17.8

183 11.6 9.5 14.3



#78

Pyrene

Concen: 35.959 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

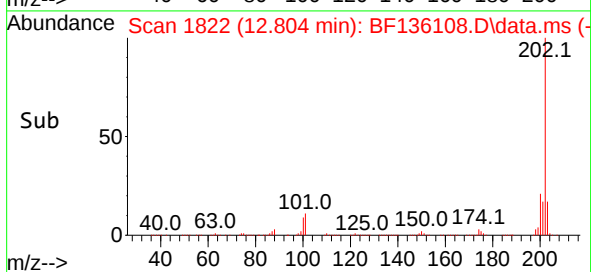
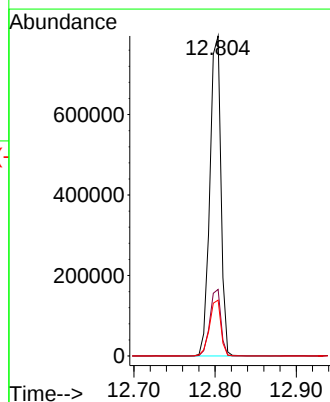
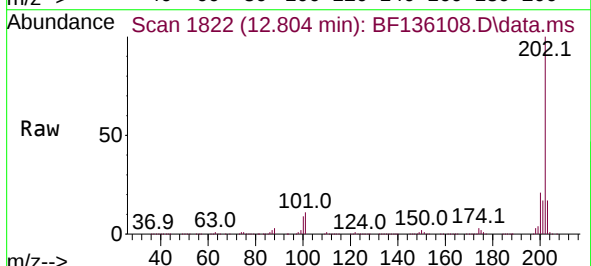
Tgt Ion:202 Resp: 747828

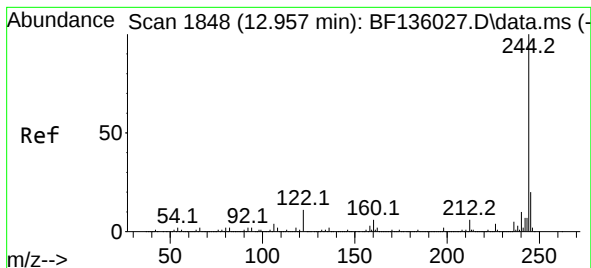
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 51.160 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

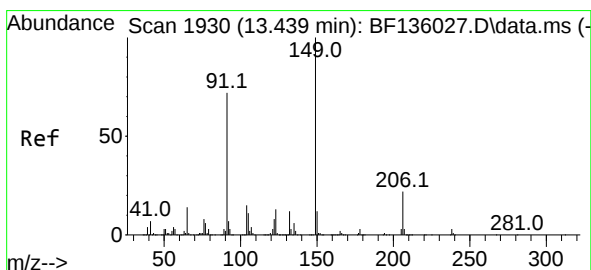
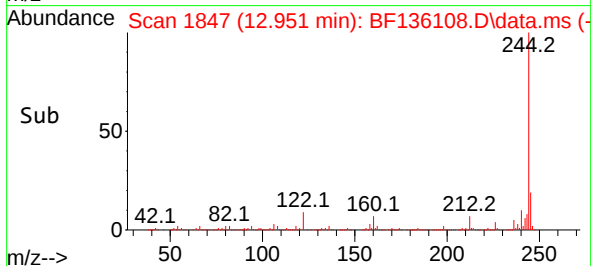
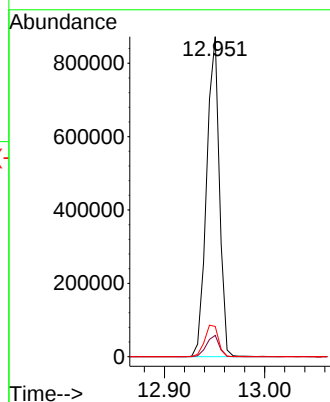
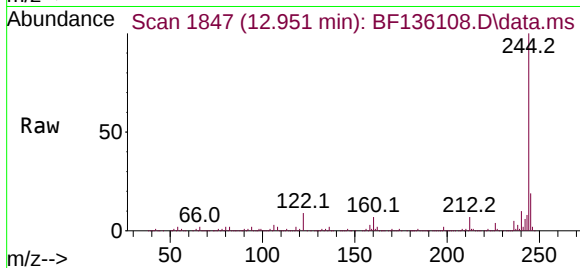
Tgt Ion:244 Resp: 776553

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 9.5 8.6 12.8



#80

Butylbenzylphthalate

Concen: 39.839 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

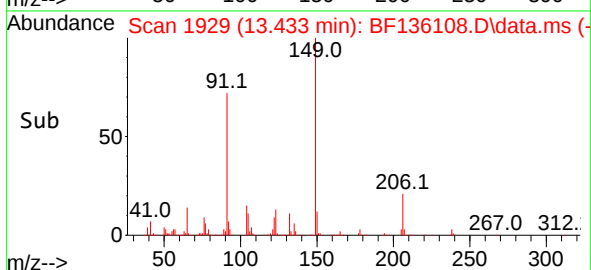
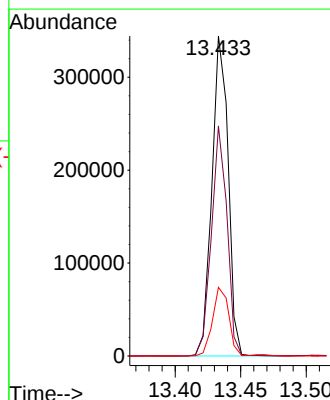
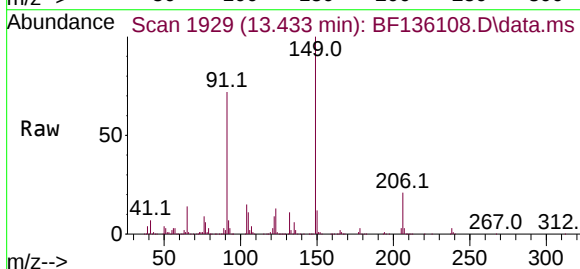
Tgt Ion:149 Resp: 296570

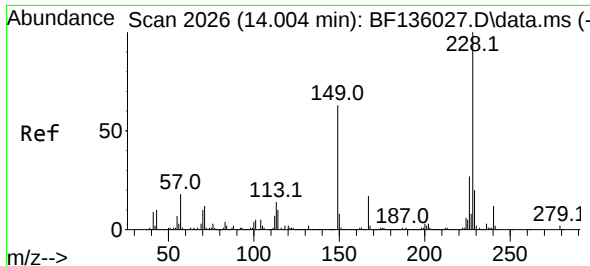
Ion Ratio Lower Upper

149 100

91 71.9 57.6 86.4

206 21.5 17.4 26.0

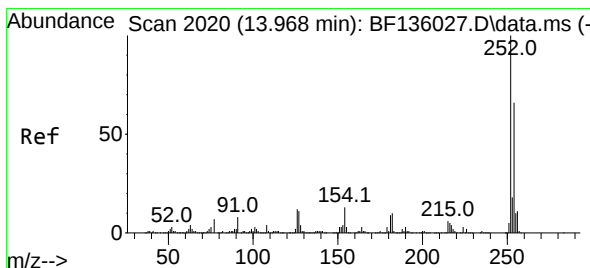
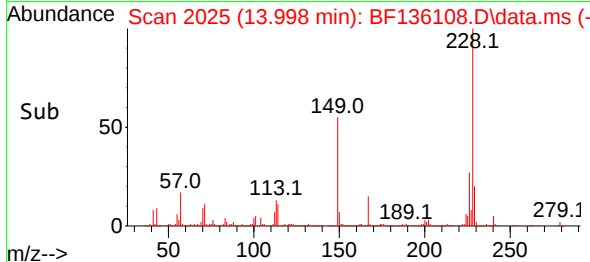
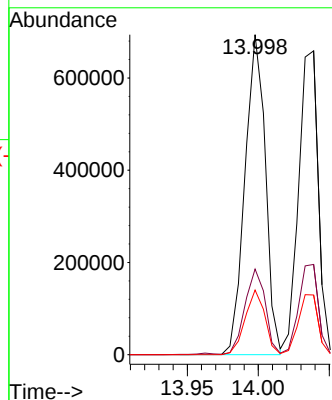
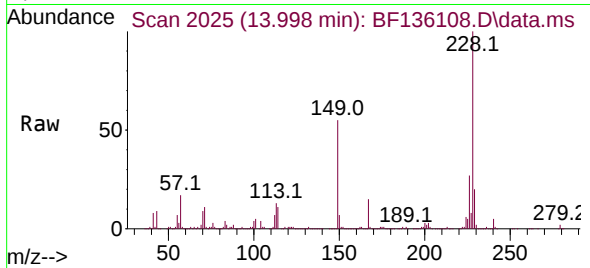




#81
Benzo(a)anthracene
Concen: 44.518 ng
RT: 13.998 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

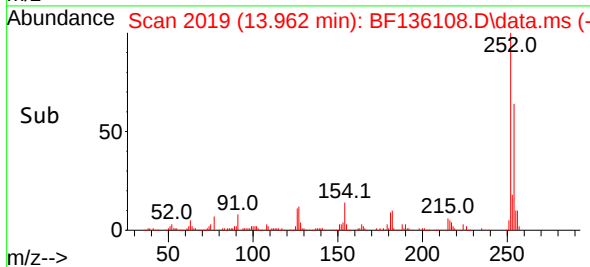
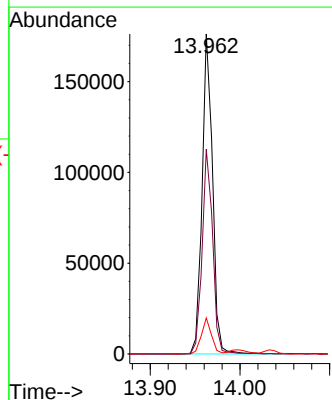
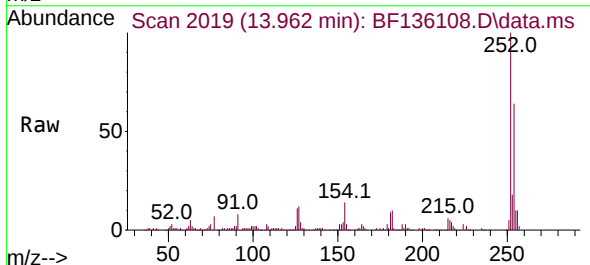
Instrument :
BNA_F
ClientSampleId :
B1MSD

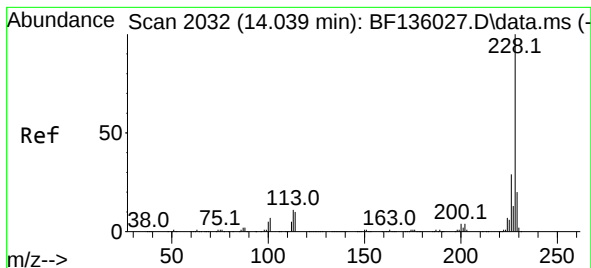
Tgt Ion:228 Resp: 695199
Ion Ratio Lower Upper
228 100
226 26.7 21.5 32.3
229 20.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 28.508 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:252 Resp: 142091
Ion Ratio Lower Upper
252 100
254 64.0 52.5 78.7
126 11.3 9.4 14.2





#83

Chrysene

Concen: 41.466 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

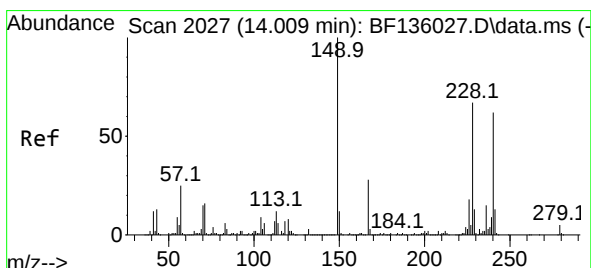
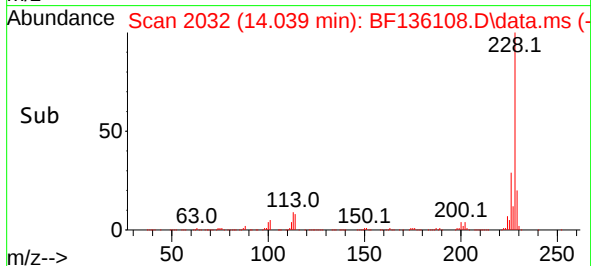
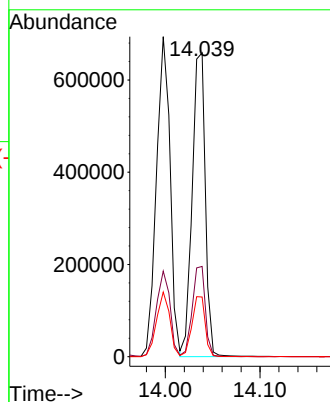
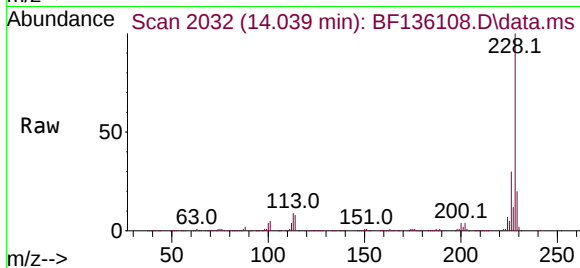
Tgt Ion:228 Resp: 637708

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.651 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

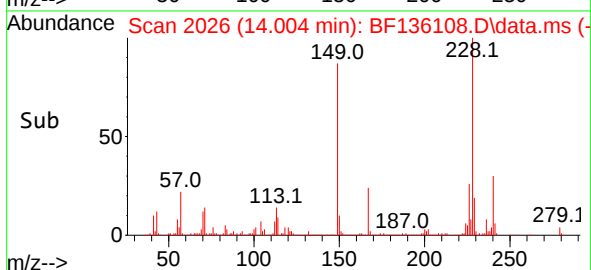
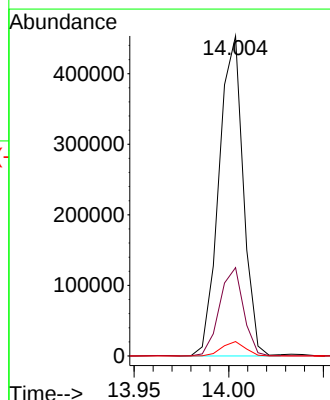
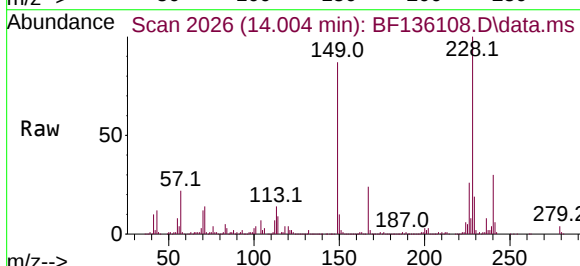
Tgt Ion:149 Resp: 404601

Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

279 4.5 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 51.660 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

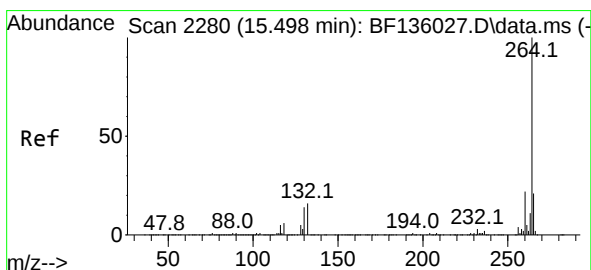
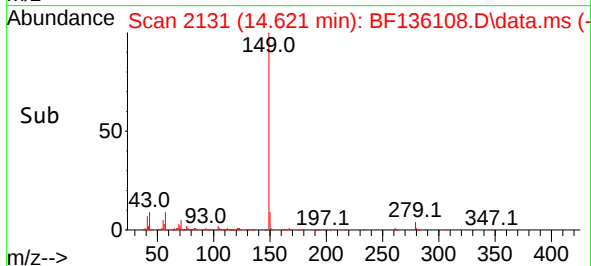
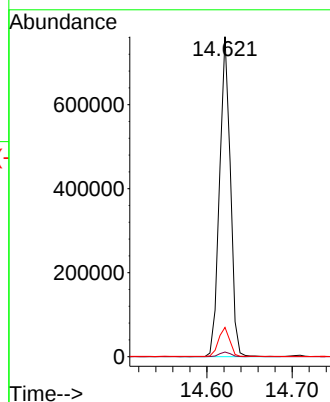
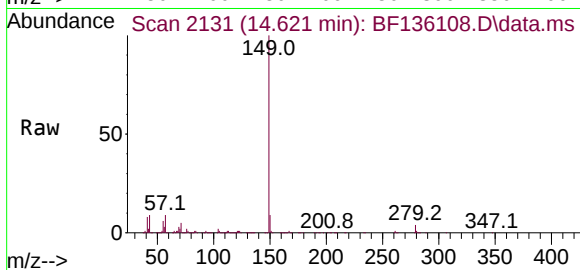
Tgt Ion:149 Resp: 671198

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

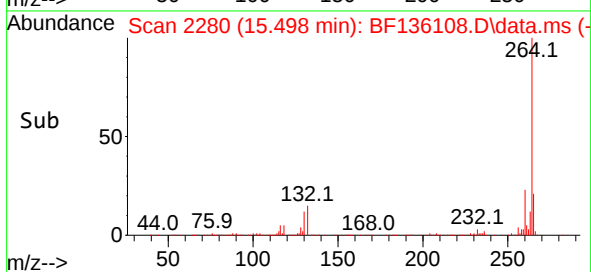
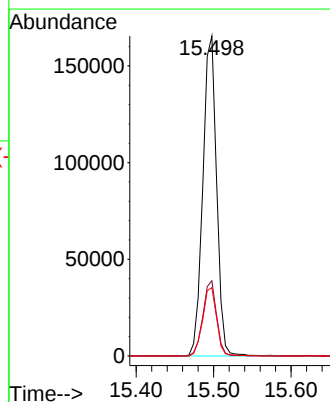
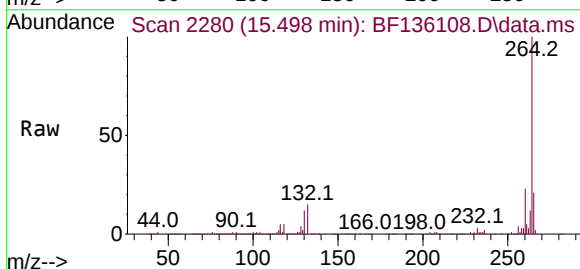
Tgt Ion:264 Resp: 204221

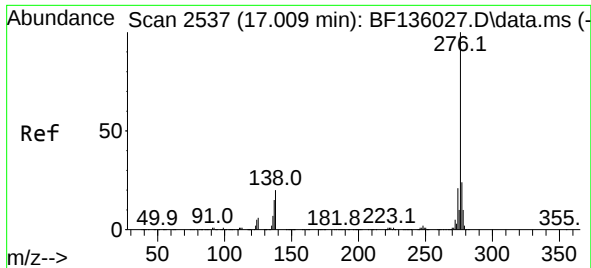
Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 21.4 16.8 25.2

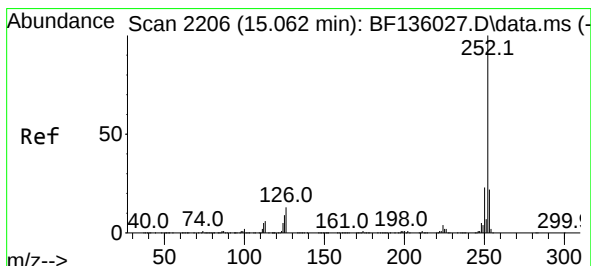
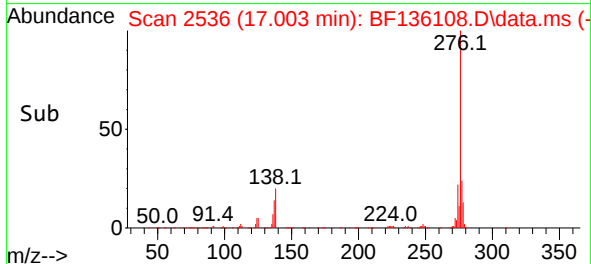
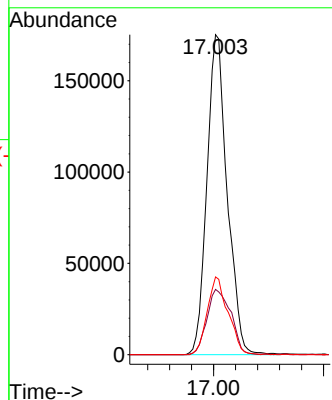
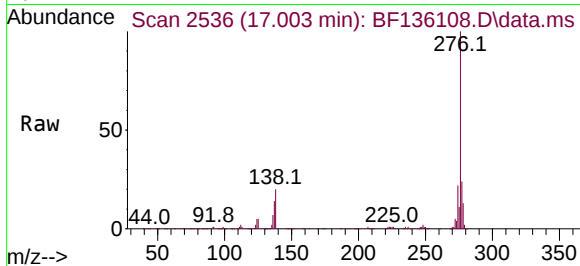




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.670 ng
 RT: 17.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136108.D
 Acq: 02 Nov 2023 21:36

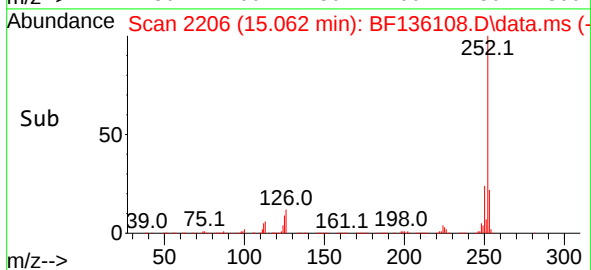
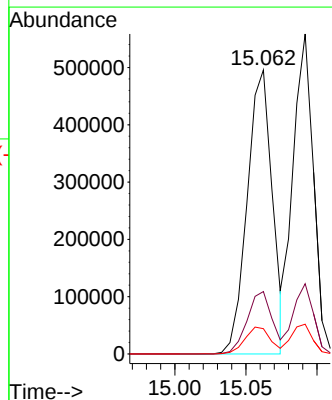
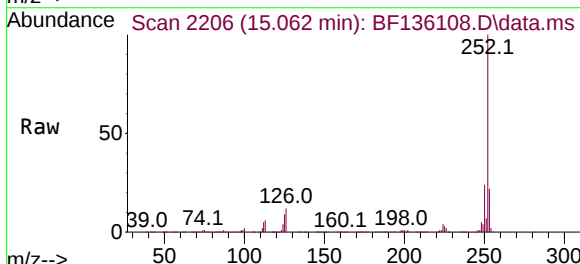
Instrument :
 BNA_F
 ClientSampleId :
 B1MSD

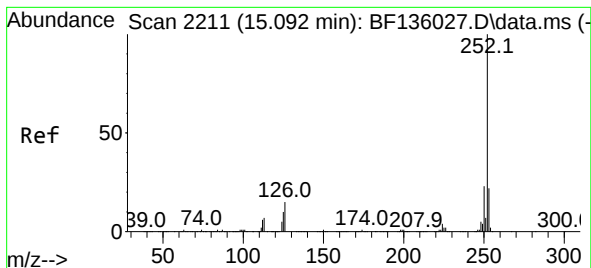
Tgt Ion:276 Resp: 449389
 Ion Ratio Lower Upper
 276 100
 138 24.2 20.4 30.6
 277 24.9 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 50.363 ng
 RT: 15.062 min Scan# 2206
 Delta R.T. 0.000 min
 Lab File: BF136108.D
 Acq: 02 Nov 2023 21:36

Tgt Ion:252 Resp: 608587
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 8.9 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 47.082 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

Instrument :

BNA_F

ClientSampleId :

B1MSD

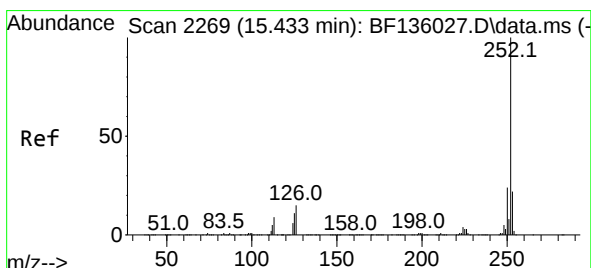
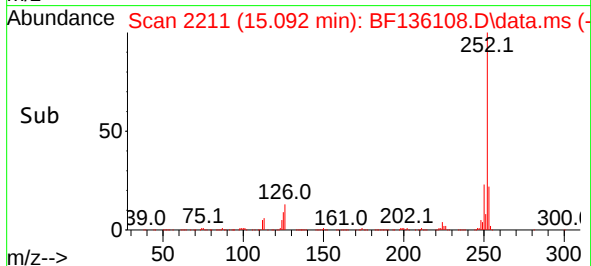
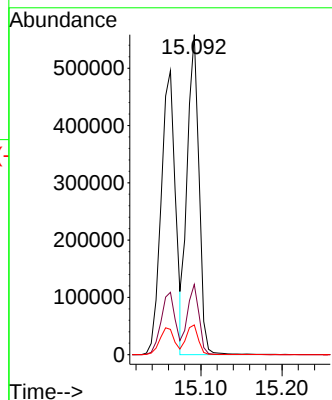
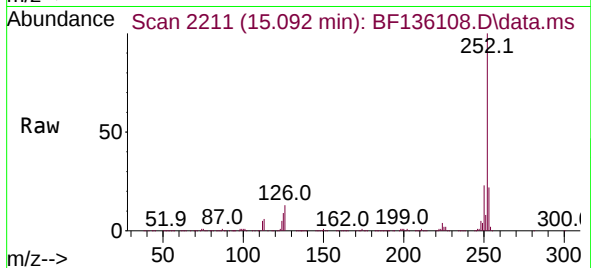
Tgt Ion:252 Resp: 562939

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.3 8.0 12.0



#90

Benzo(a)pyrene

Concen: 43.386 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF136108.D

Acq: 02 Nov 2023 21:36

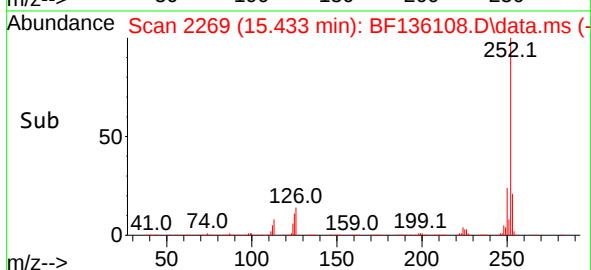
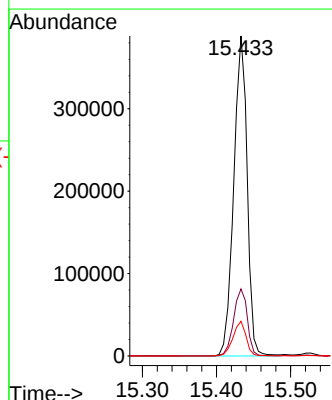
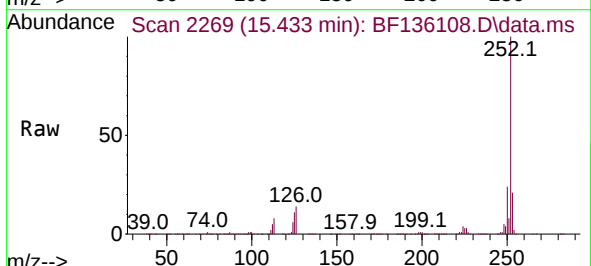
Tgt Ion:252 Resp: 487143

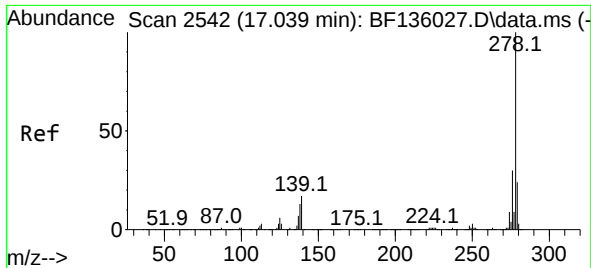
Ion Ratio Lower Upper

252 100

253 20.9 17.3 25.9

125 10.8 9.0 13.6

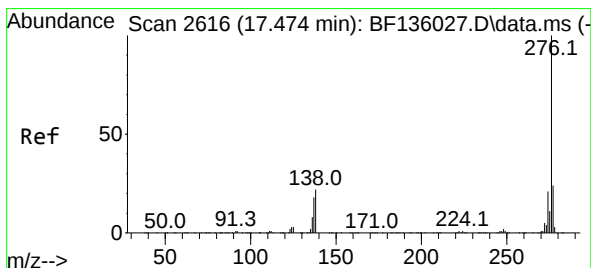
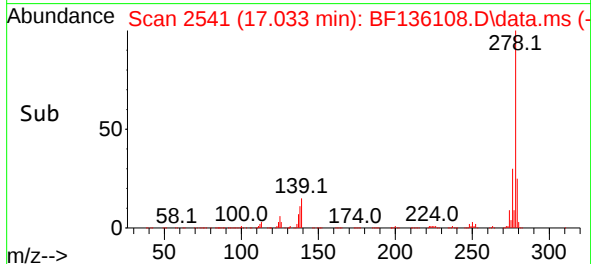
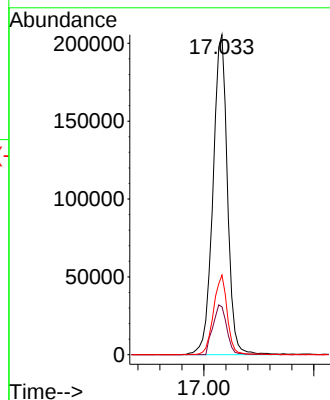
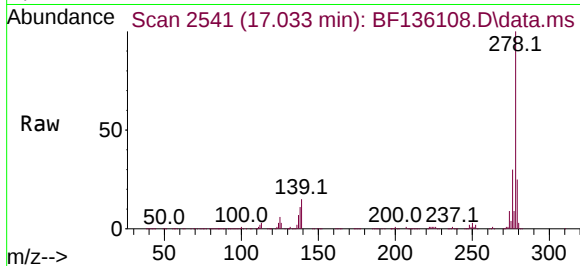




#91
Dibenzo(a,h)anthracene
Concen: 34.424 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Instrument :
BNA_F
ClientSampleId :
B1MSD

Tgt Ion:278 Resp: 376361
Ion Ratio Lower Upper
278 100
139 15.0 13.7 20.5
279 24.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 29.005 ng
RT: 17.462 min Scan# 2614
Delta R.T. -0.012 min
Lab File: BF136108.D
Acq: 02 Nov 2023 21:36

Tgt Ion:276 Resp: 345860
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.4
138 22.0 17.4 26.2

