

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136677.D
 Acq On : 22 Dec 2023 10:03
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 10:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	67670	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	263902	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	137162	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	248389	20.000	ng	0.00
76) Chrysene-d12	13.969	240	123817	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	128170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	353073	81.409	ng	0.00
7) Phenol-d6	6.434	99	451994	80.430	ng	0.00
23) Nitrobenzene-d5	7.351	82	419284	81.300	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	125069	77.424	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	822282	80.631	ng	0.00
79) Terphenyl-d14	12.910	244	752160	84.893	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	71638	39.643	ng	99
3) Pyridine	3.281	79	176930	40.129	ng	96
4) n-Nitrosodimethylamine	3.252	42	94609	40.182	ng	95
6) Aniline	6.451	93	223728	39.819	ng	# 75
8) 2-Chlorophenol	6.575	128	189564	39.941	ng	97
9) Benzaldehyde	6.340	77	125787	39.351	ng	97
10) Phenol	6.446	94	238696	39.789	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	180318	39.524	ng	96
12) 1,3-Dichlorobenzene	6.728	146	212812	41.103	ng	98
13) 1,4-Dichlorobenzene	6.804	146	212685	40.203	ng	98
14) 1,2-Dichlorobenzene	6.957	146	199860	40.600	ng	98
15) Benzyl Alcohol	6.934	79	151135	39.864	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	297538	39.890	ng	99
17) 2-Methylphenol	7.046	107	153837	39.126	ng	97
18) Hexachloroethane	7.293	117	77705	40.444	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	136053	39.937	ng	99
20) 3+4-Methylphenols	7.198	107	193031	39.297	ng	95
22) Acetophenone	7.198	105	261643	39.555	ng	# 97
24) Nitrobenzene	7.369	77	210846	40.813	ng	99
25) Isophorone	7.604	82	374389	39.896	ng	98
26) 2-Nitrophenol	7.681	139	103603	41.915	ng	94
27) 2,4-Dimethylphenol	7.722	122	122008	40.545	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	231895	40.654	ng	99
29) 2,4-Dichlorophenol	7.928	162	159604	41.198	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	174791	40.494	ng	98
31) Naphthalene	8.087	128	585377	40.376	ng	100
32) Benzoic acid	7.851	122	93664	32.169	ng	99
33) 4-Chloroaniline	8.140	127	212951	39.782	ng	98
34) Hexachlorobutadiene	8.198	225	106698	40.685	ng	97
35) Caprolactam	8.516	113	50430	39.459	ng	95
36) 4-Chloro-3-methylphenol	8.628	107	174737	40.065	ng	98
37) 2-Methylnaphthalene	8.775	142	376756	40.379	ng	100
38) 1-Methylnaphthalene	8.875	142	361714	39.514	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	174339	41.042	ng	99
41) Hexachlorocyclopentadiene	8.928	237	46448	37.093	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	112358	41.244	ng	98

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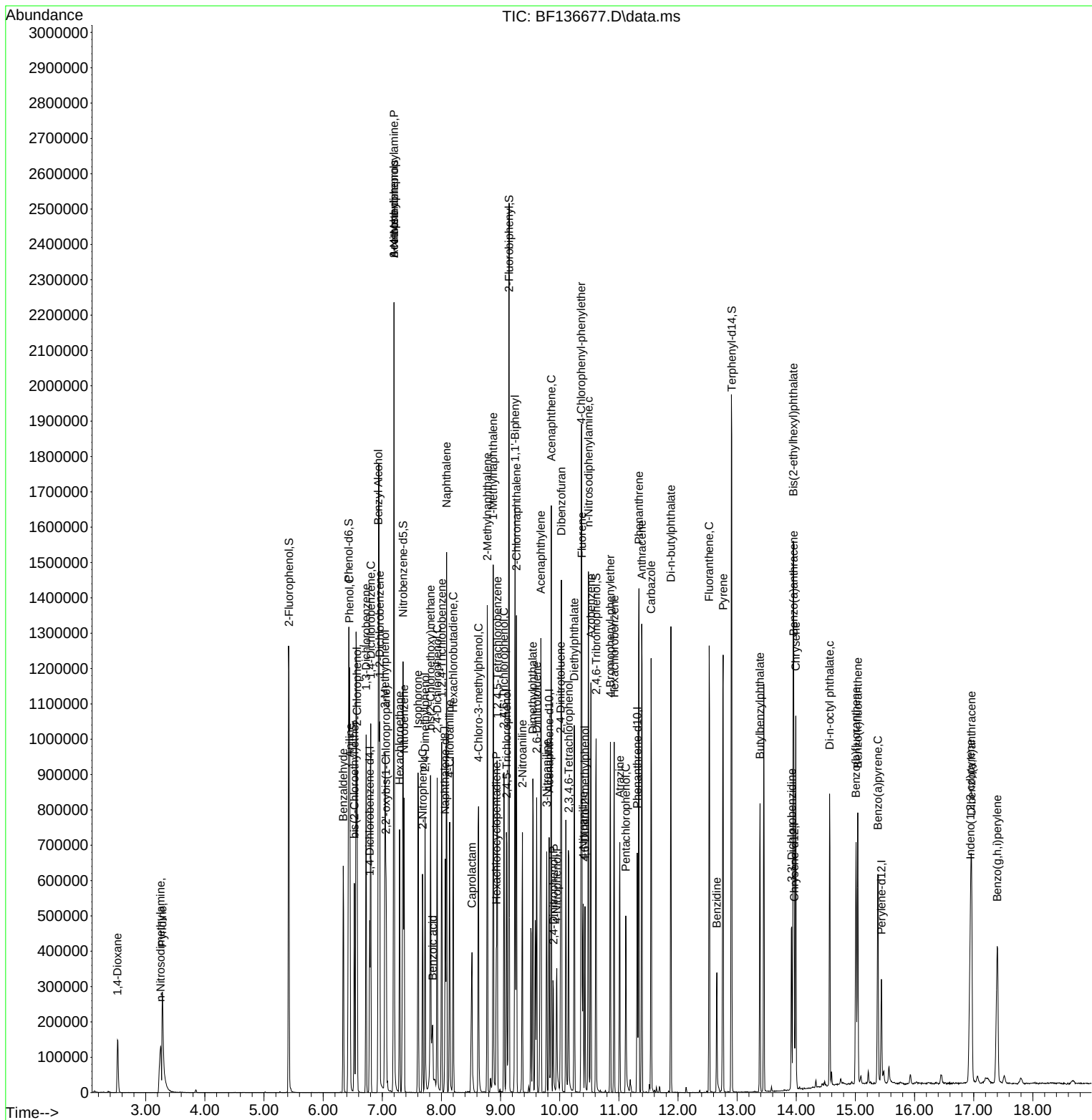
Instrument :
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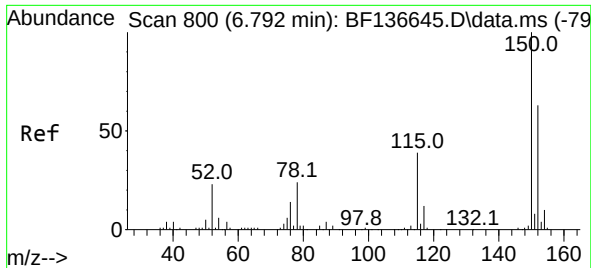
Quant Time: Dec 22 10:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	124224	40.920	ng	98
46) 1,1'-Biphenyl	9.245	154	464813	40.383	ng	100
47) 2-Chloronaphthalene	9.269	162	356510	40.744	ng	99
48) 2-Nitroaniline	9.369	65	112125	40.921	ng	94
49) Acenaphthylene	9.681	152	542052	40.529	ng	99
50) Dimethylphthalate	9.545	163	390482	38.976	ng	99
51) 2,6-Dinitrotoluene	9.610	165	90583	39.839	ng	# 82
52) Acenaphthene	9.857	154	328731	39.651	ng	98
53) 3-Nitroaniline	9.781	138	95265	39.552	ng	97
54) 2,4-Dinitrophenol	9.892	184	44088	37.088	ng	98
55) Dibenzofuran	10.028	168	501408	39.898	ng	99
56) 4-Nitrophenol	9.951	139	62021	38.144	ng	95
57) 2,4-Dinitrotoluene	10.016	165	114798	38.891	ng	99
58) Fluorene	10.375	166	395944	39.707	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	93772	40.127	ng	98
60) Diethylphthalate	10.245	149	405586	39.018	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	189532	39.104	ng	98
62) 4-Nitroaniline	10.398	138	92597	39.879	ng	95
63) Azobenzene	10.528	77	380749	39.216	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	61568	43.251	ng	95
66) n-Nitrosodiphenylamine	10.486	169	335300	41.555	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	115492	41.867	ng	96
68) Hexachlorobenzene	10.922	284	129660	42.178	ng	99
69) Atrazine	11.016	200	73320	35.527	ng	97
70) Pentachlorophenol	11.116	266	61463	42.894	ng	99
71) Phenanthrene	11.339	178	527388	41.380	ng	99
72) Anthracene	11.386	178	528173	40.921	ng	99
73) Carbazole	11.545	167	482921	39.684	ng	99
74) Di-n-butylphthalate	11.880	149	590274	39.751	ng	99
75) Fluoranthene	12.528	202	522724	38.343	ng	97
77) Benzidine	12.657	184	138544	37.949	ng	97
78) Pyrene	12.763	202	522741	43.007	ng	99
80) Butylbenzylphthalate	13.386	149	186834	42.244	ng	96
81) Benzo(a)anthracene	13.957	228	353731	41.142	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	104587	42.834	ng	100
83) Chrysene	13.992	228	340811	40.536	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	235593	42.338	ng	# 97
85) Di-n-octyl phthalate	14.563	149	380298	44.181	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	412101	44.532	ng	99
88) Benzo(b)fluoranthene	15.010	252	321896	37.602	ng	100
89) Benzo(k)fluoranthene	15.039	252	314740	38.910	ng	98
90) Benzo(a)pyrene	15.380	252	289405	40.050	ng	99
91) Dibenzo(a,h)anthracene	16.963	278	340209	44.811	ng	98
92) Benzo(g,h,i)perylene	17.398	276	351144	45.158	ng	100

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

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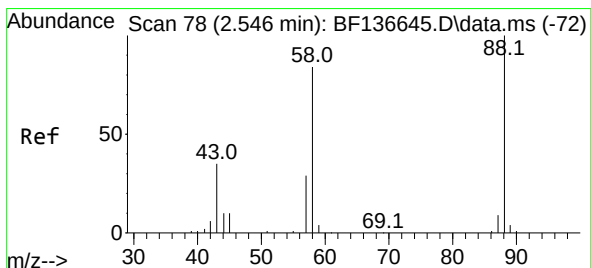
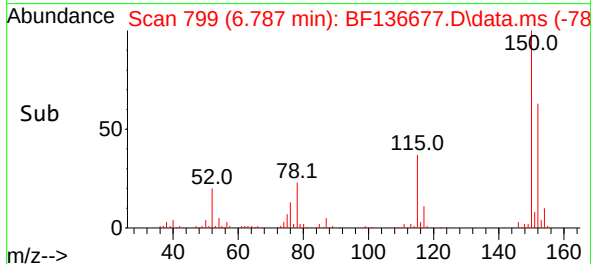
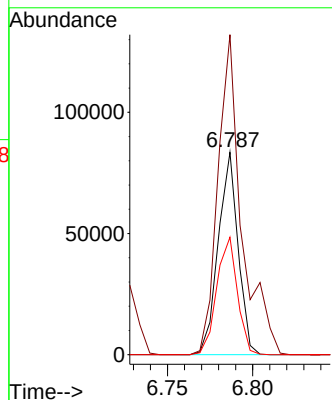
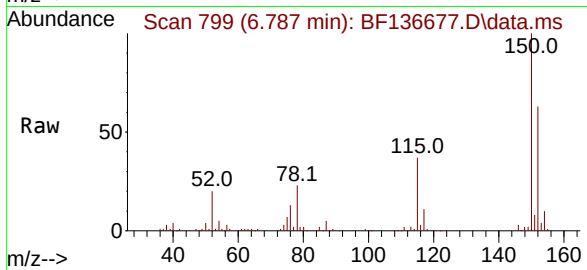




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 74
 Delta R.T. -0.005 min
 Lab File: BF136677.D
 Acq: 22 Dec 2023 10:03

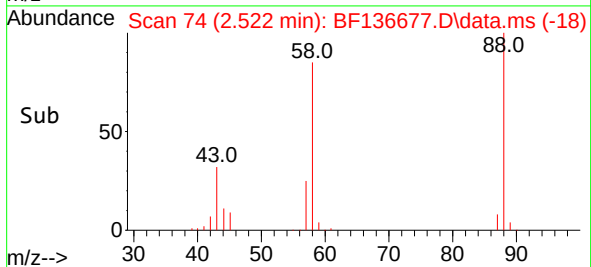
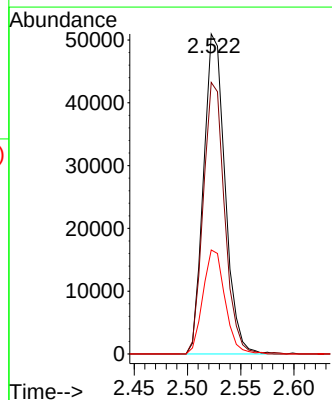
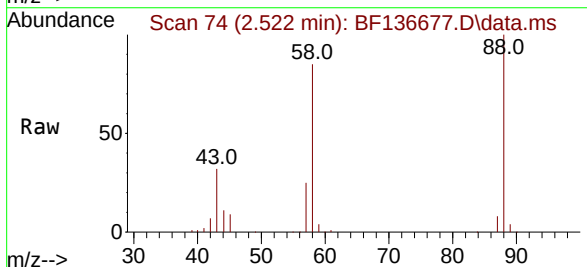
Instrument :
 BNA_F
 ClientSampleId :

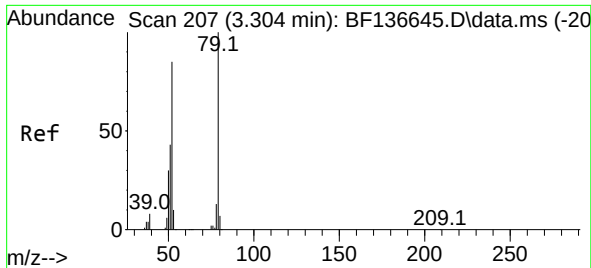
Tgt Ion:152 Resp: 67670
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.0 190.6
 115 58.0 49.0 73.4



#2
 1,4-Dioxane
 Concen: 39.643 ng
 RT: 2.522 min Scan# 74
 Delta R.T. -0.023 min
 Lab File: BF136677.D
 Acq: 22 Dec 2023 10:03

Tgt Ion: 88 Resp: 71638
 Ion Ratio Lower Upper
 88 100
 58 84.5 67.4 101.0
 43 33.3 27.7 41.5

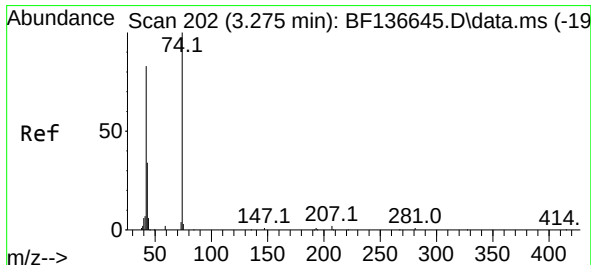
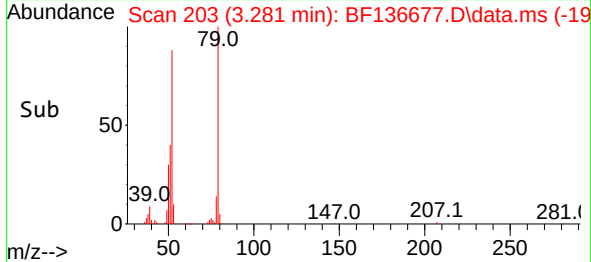
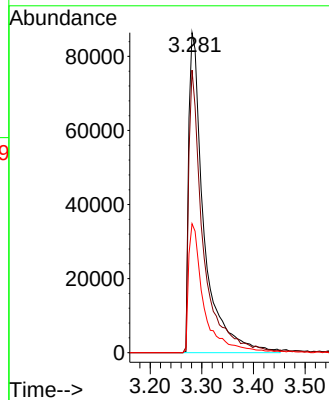
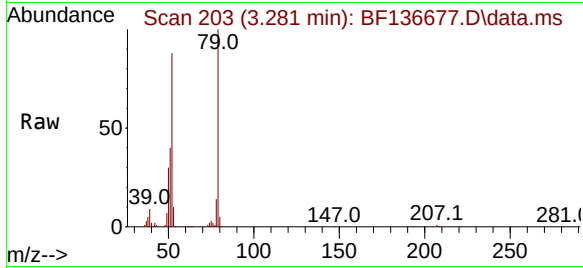




#3
 Pyridine
 Concen: 40.129 ng
 RT: 3.281 min Scan# 207
 Delta R.T. -0.023 min
 Lab File: BF136677.D
 Acq: 22 Dec 2023 10:03

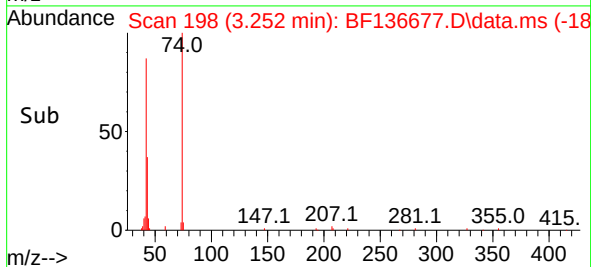
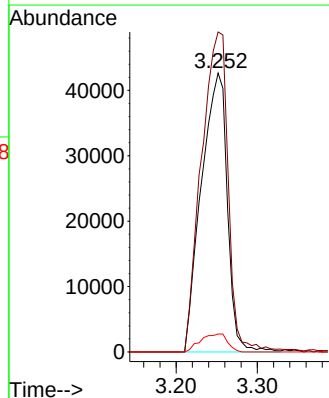
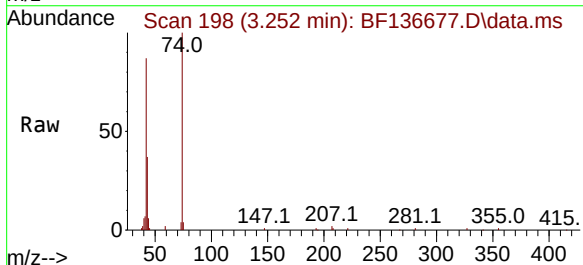
Instrument :
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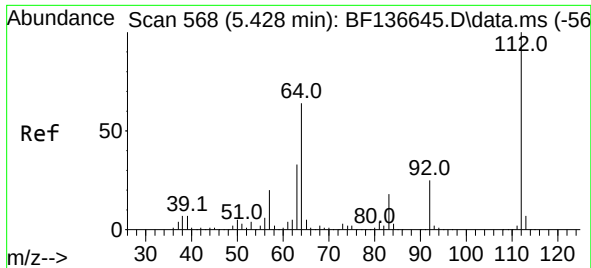
Tgt Ion: 79 Resp: 176930
 Ion Ratio Lower Upper
 79 100
 52 88.3 67.7 101.5
 51 40.3 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 40.182 ng
 RT: 3.252 min Scan# 198
 Delta R.T. -0.023 min
 Lab File: BF136677.D
 Acq: 22 Dec 2023 10:03

Tgt Ion: 42 Resp: 94609
 Ion Ratio Lower Upper
 42 100
 74 114.7 96.0 144.0
 44 6.4 5.4 8.2

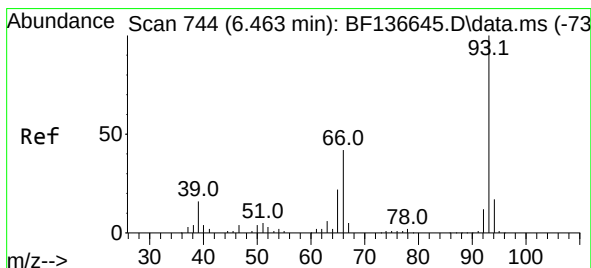
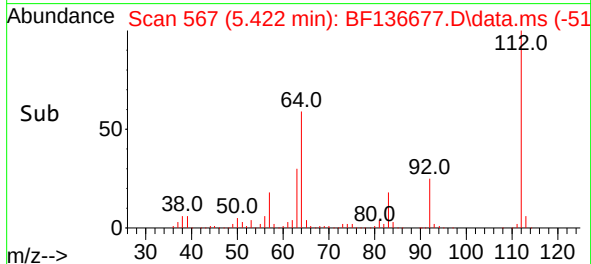
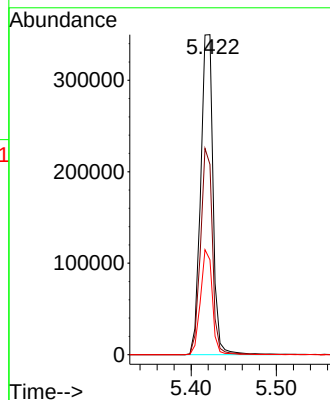
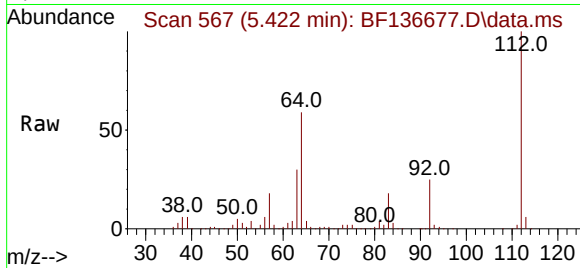




#5
2-Fluorophenol
Concen: 81.409 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

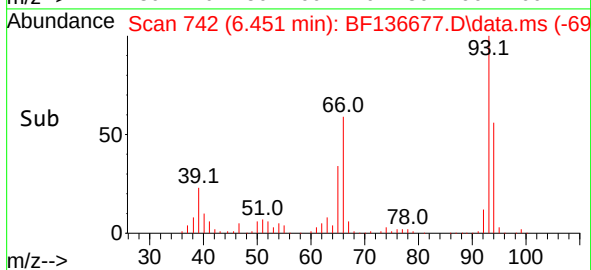
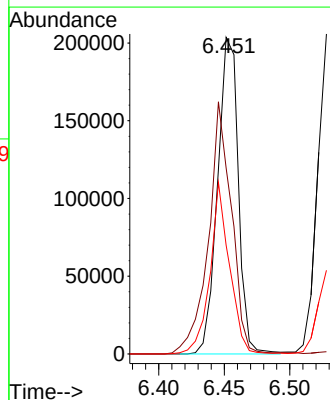
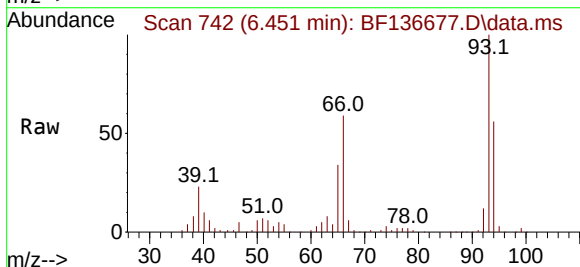
Instrument :
BNA_F
ClientSampleId :

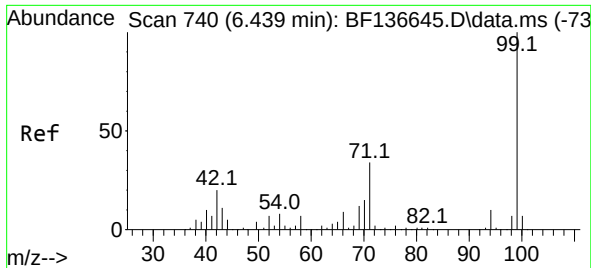
Tgt Ion:112 Resp: 353073
Ion Ratio Lower Upper
112 100
64 59.5 51.1 76.7
63 29.6 26.1 39.1



#6
Aniline
Concen: 39.819 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.011 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

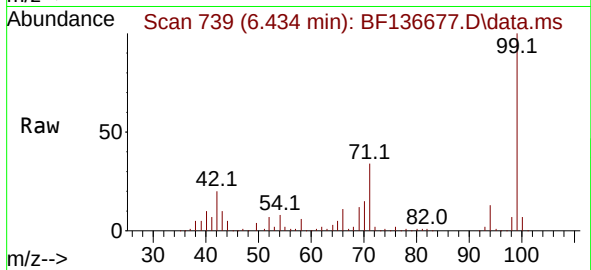
Tgt Ion: 93 Resp: 223728
Ion Ratio Lower Upper
93 100
66 58.8 34.6 51.8#
65 34.3 17.8 26.8#



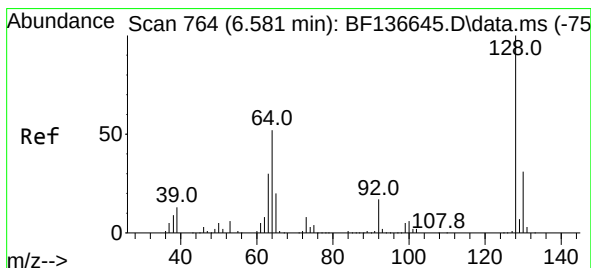
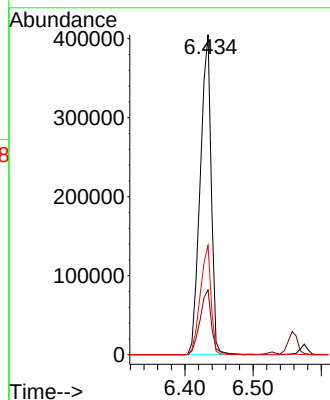
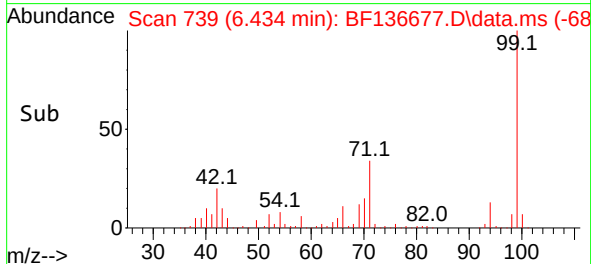


#7
Phenol-d6
Concen: 80.430 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :

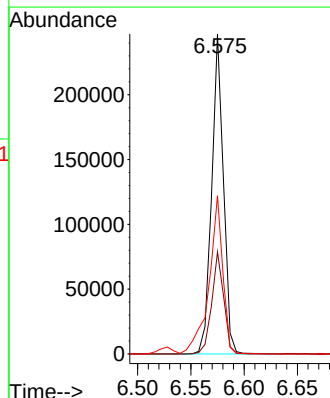
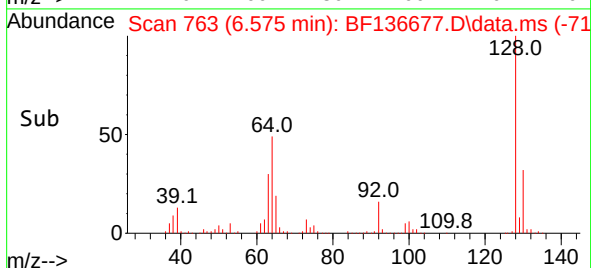
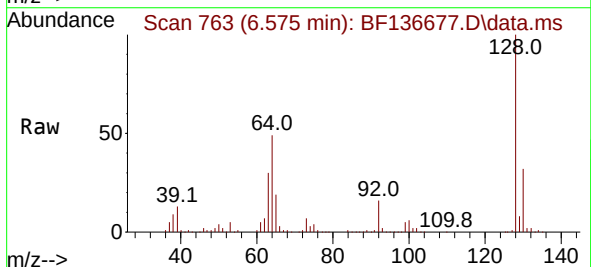


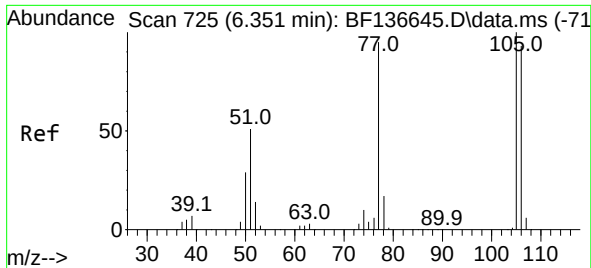
Tgt Ion: 99 Resp: 451994
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 34.2 27.4 41.2



#8
2-Chlorophenol
Concen: 39.941 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion:128 Resp: 189564
Ion Ratio Lower Upper
128 100
130 31.9 11.3 51.3
64 49.4 32.5 72.5





#9

Benzaldehyde

Concen: 39.351 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

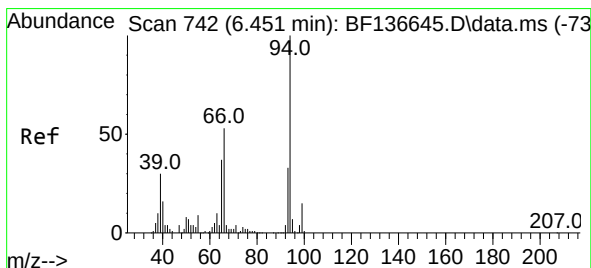
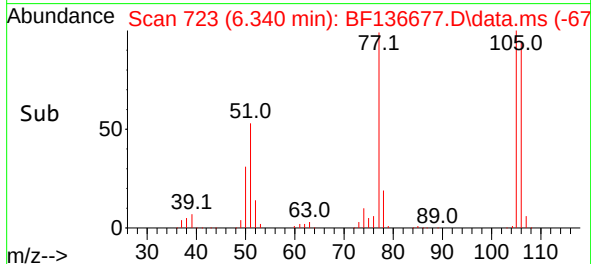
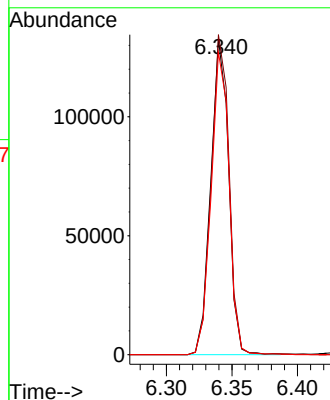
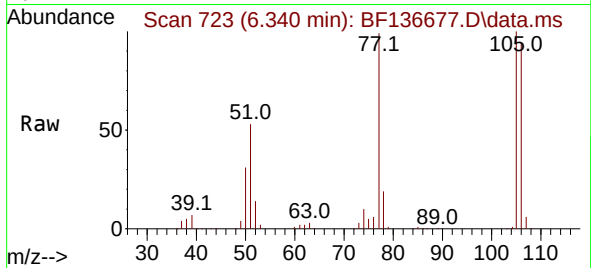
Tgt Ion: 77 Resp: 125787

Ion Ratio Lower Upper

77 100

105 101.5 84.8 124.8

106 95.9 77.8 117.8



#10

Phenol

Concen: 39.789 ng

RT: 6.446 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

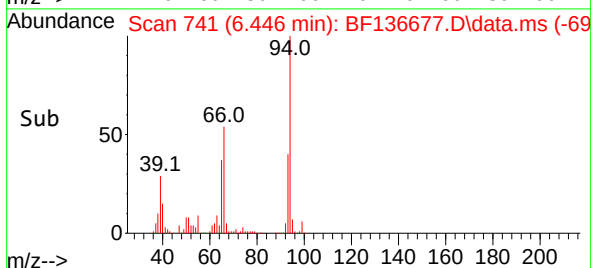
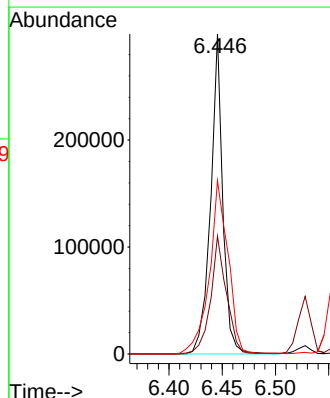
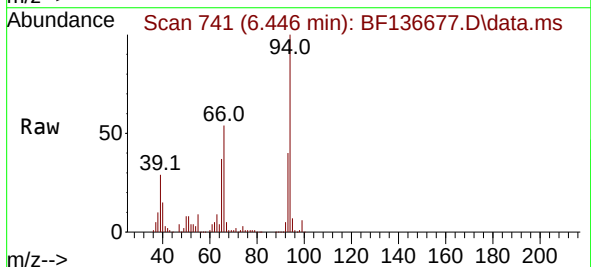
Tgt Ion: 94 Resp: 238696

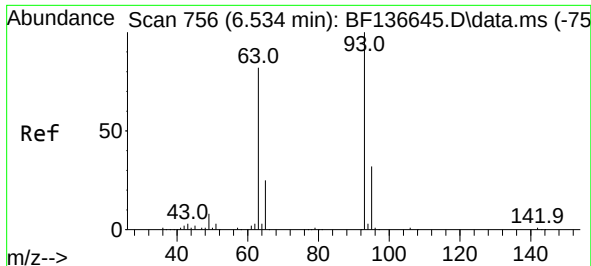
Ion Ratio Lower Upper

94 100

65 36.9 16.6 56.6

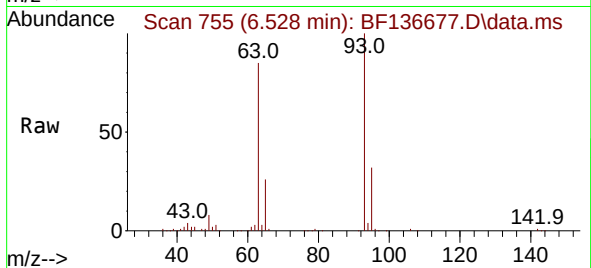
66 54.2 32.6 72.6





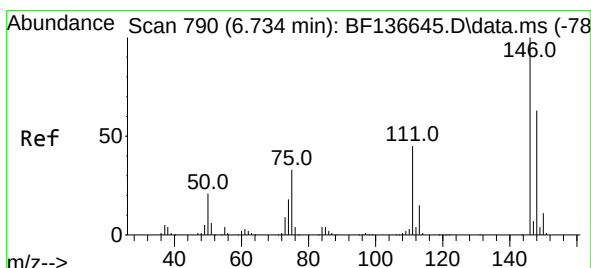
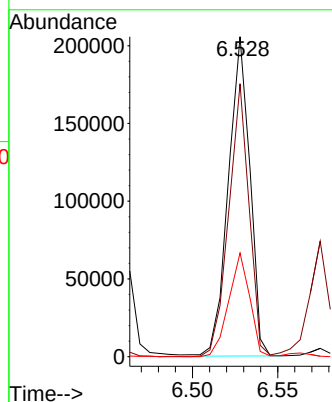
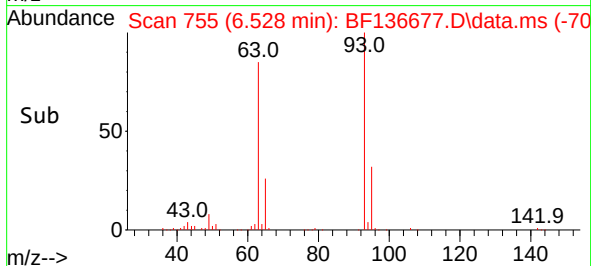
#11
bis(2-Chloroethyl)ether
Concen: 39.524 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :

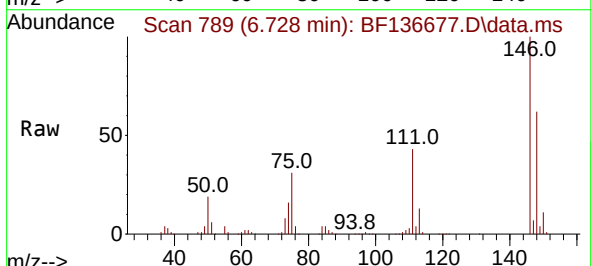


Tgt Ion: 93 Resp: 180318

Ion	Ratio	Lower	Upper
93	100		
63	85.3	61.2	101.2
95	32.4	11.6	51.6

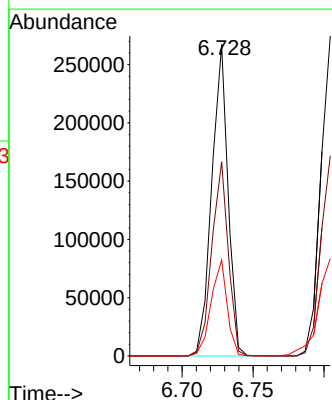
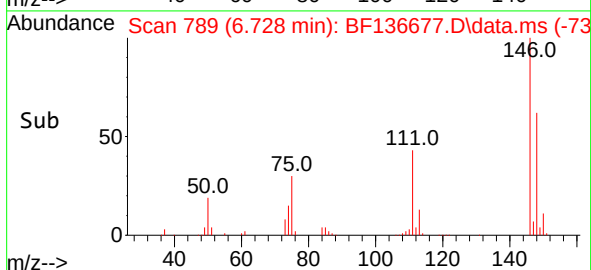


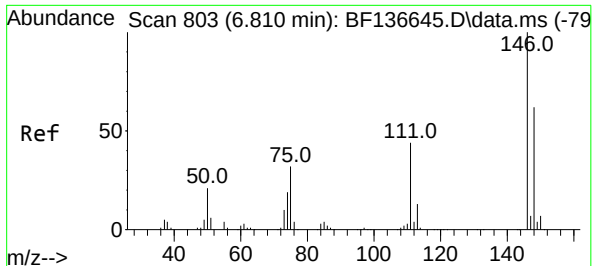
#12
1,3-Dichlorobenzene
Concen: 41.103 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03



Tgt Ion: 146 Resp: 212812

Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.5	75.7
75	30.8	26.2	39.4





#13

1,4-Dichlorobenzene

Concen: 40.203 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

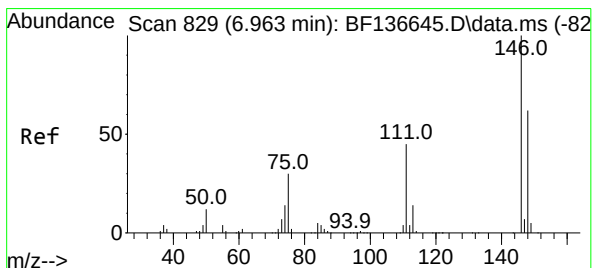
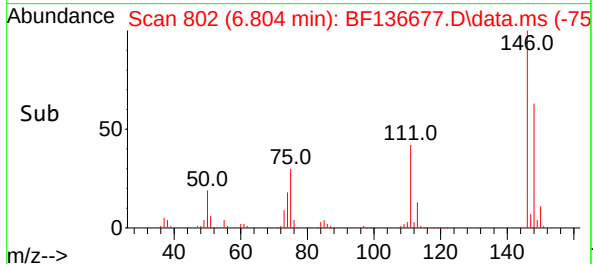
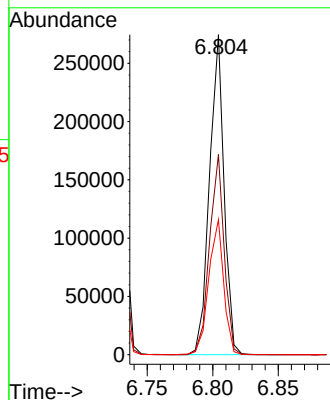
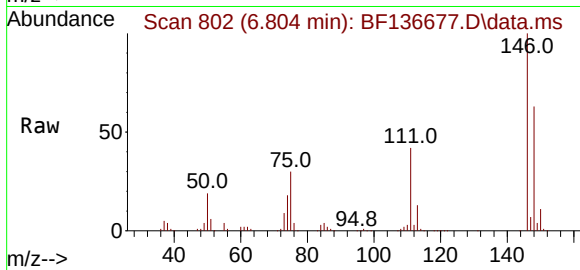
Tgt Ion:146 Resp: 212685

Ion Ratio Lower Upper

146 100

148 62.5 49.2 73.8

111 42.2 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 40.600 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

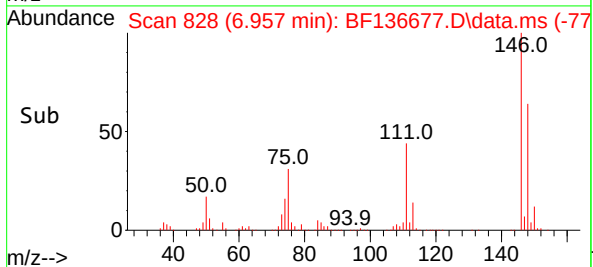
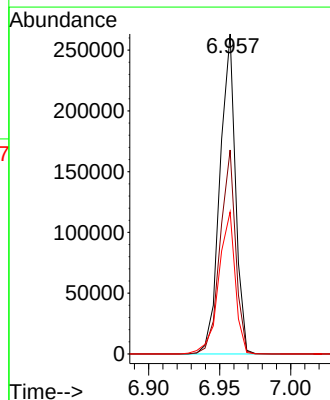
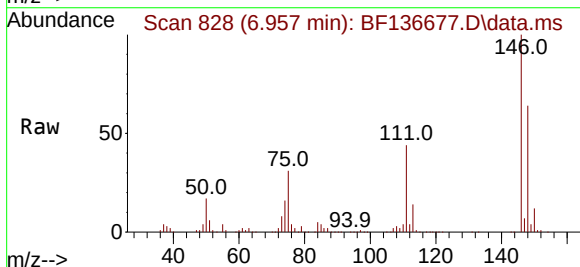
Tgt Ion:146 Resp: 199860

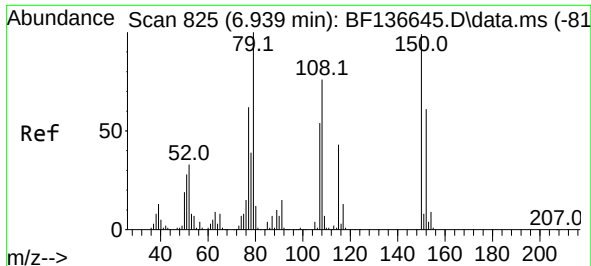
Ion Ratio Lower Upper

146 100

148 63.8 49.6 74.4

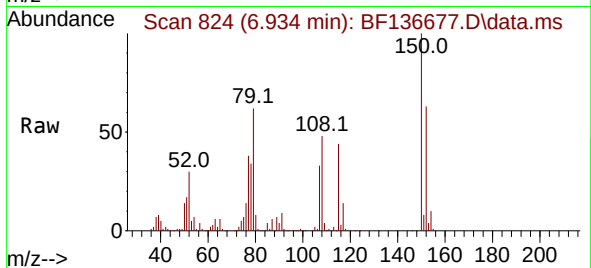
111 44.4 36.2 54.2



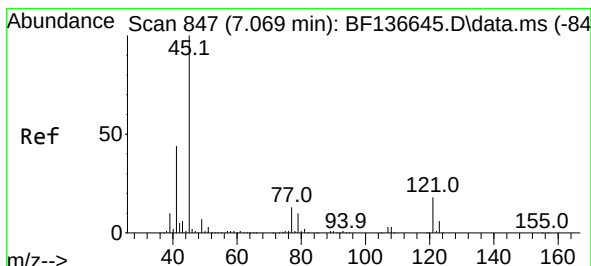
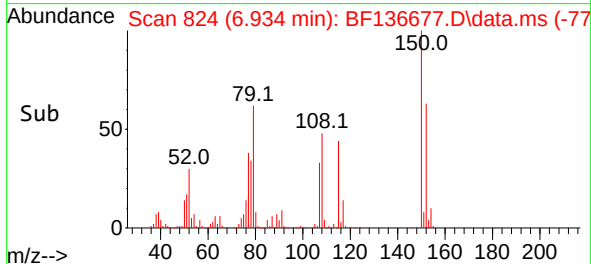
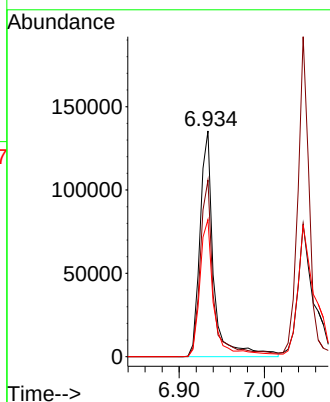


#15
Benzyl Alcohol
Concen: 39.864 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :

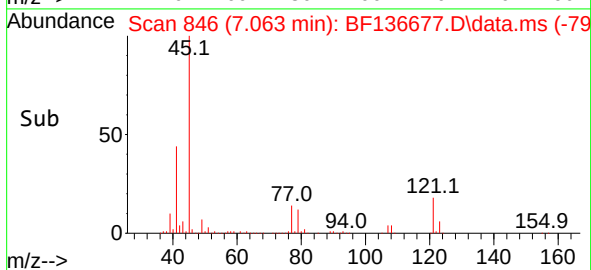
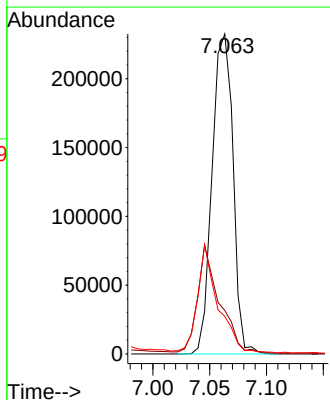
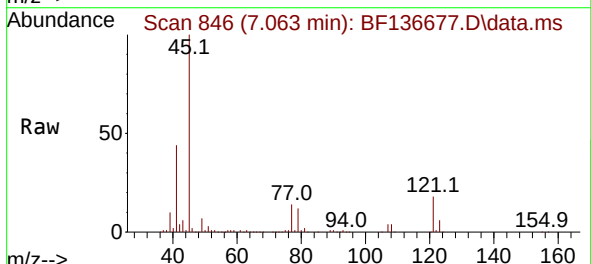


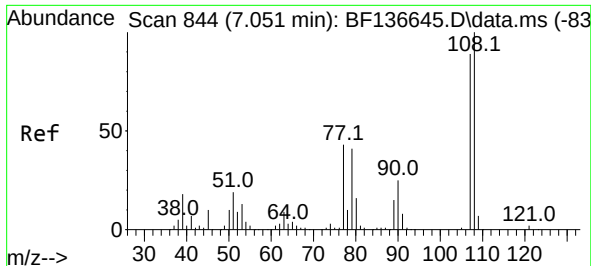
Tgt Ion: 79 Resp: 151135
Ion Ratio Lower Upper
79 100
108 78.1 61.0 91.6
77 60.7 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.890 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

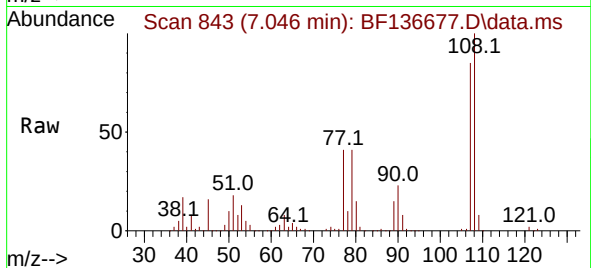
Tgt Ion: 45 Resp: 297538
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.3
79 11.7 0.0 31.4



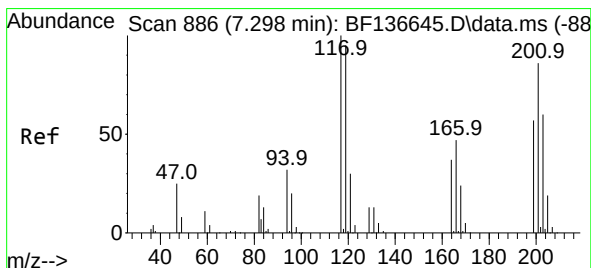
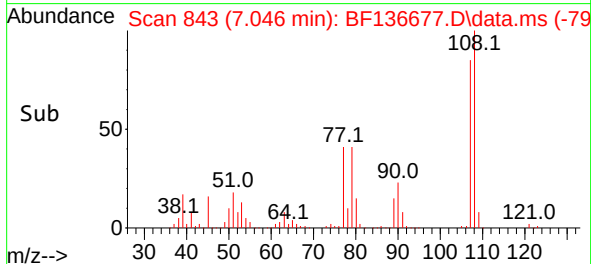
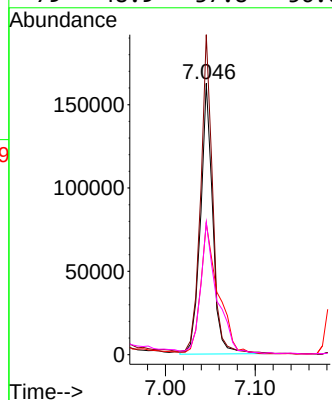


#17
2-Methylphenol
Concen: 39.126 ng
RT: 7.046 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :

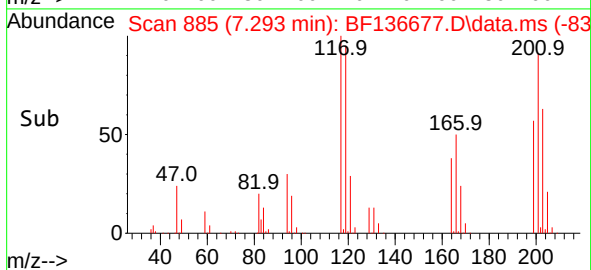
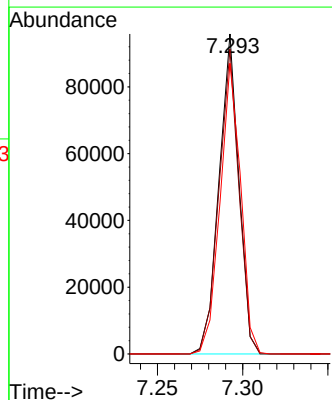
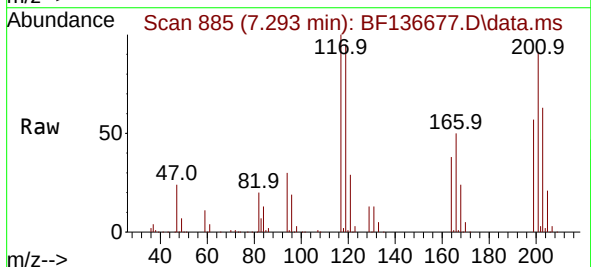


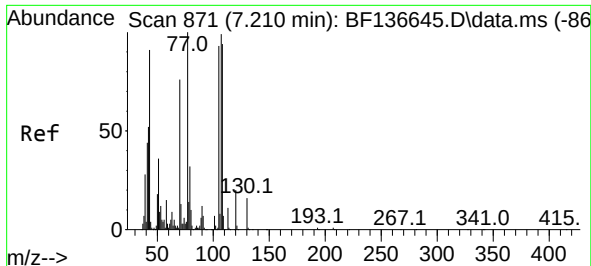
Tgt Ion:	107	Resp:	153837
Ion	Ratio	Lower	Upper
107	100		
108	117.9	90.3	135.5
77	48.5	38.7	58.1
79	48.9	37.8	56.6



#18
Hexachloroethane
Concen: 40.444 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion:	117	Resp:	77705
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.6
201	90.9	69.1	103.7

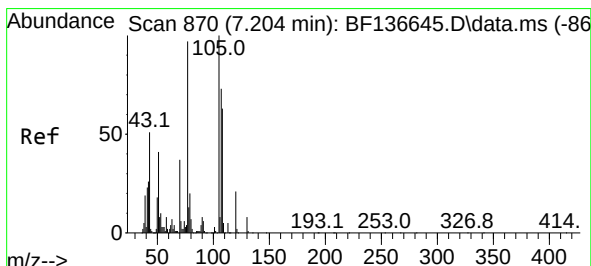
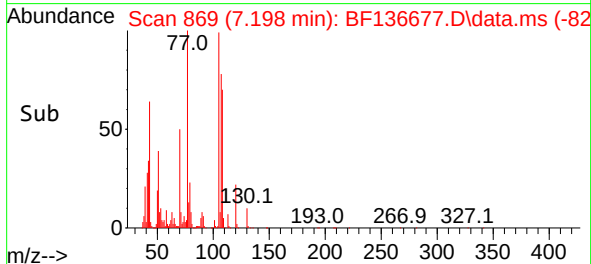
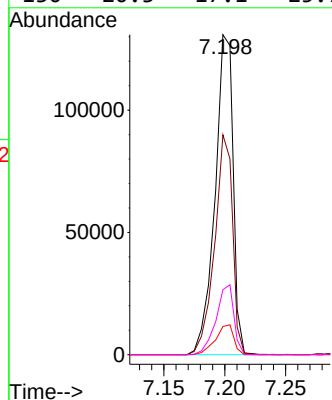
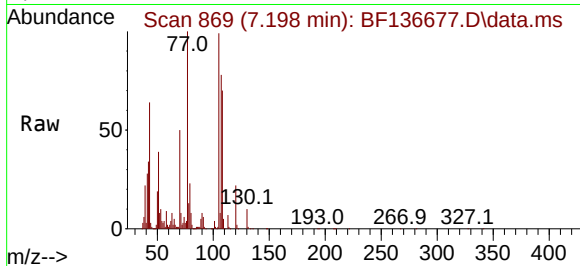




#19
n-Nitroso-di-n-propylamine
Concen: 39.937 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

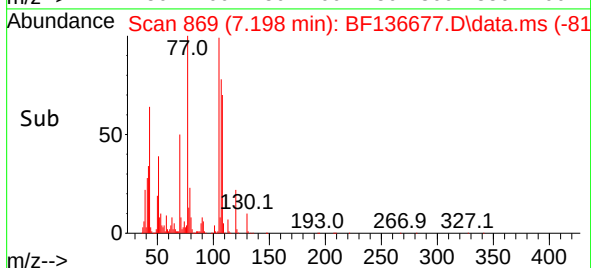
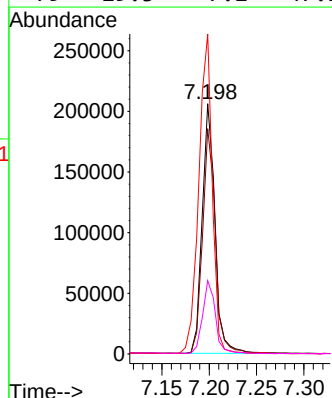
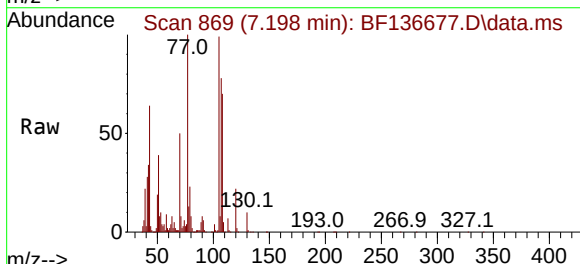
Instrument :
BNA_F
ClientSampleId :

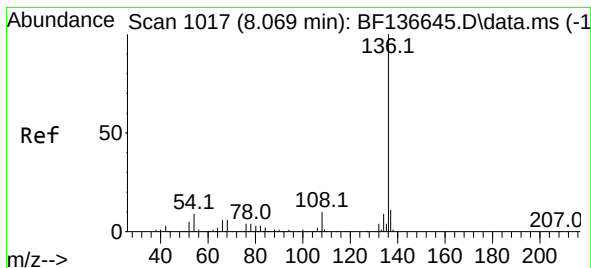
Tgt Ion: 70 Resp: 136053
Ion Ratio Lower Upper
70 100
42 68.7 54.2 81.4
101 8.8 7.6 11.4
130 20.3 17.1 25.7



#20
3+4-Methylphenols
Concen: 39.297 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion: 107 Resp: 193031
Ion Ratio Lower Upper
107 100
108 90.0 66.0 106.0
77 127.9 114.2 154.2
79 29.3 7.2 47.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

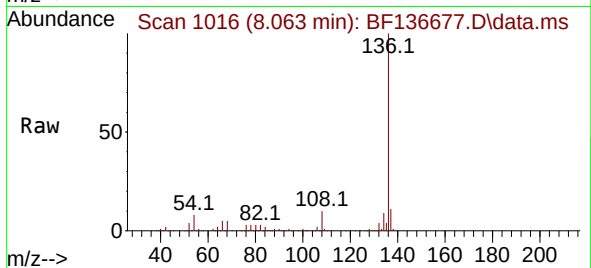
Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 263902

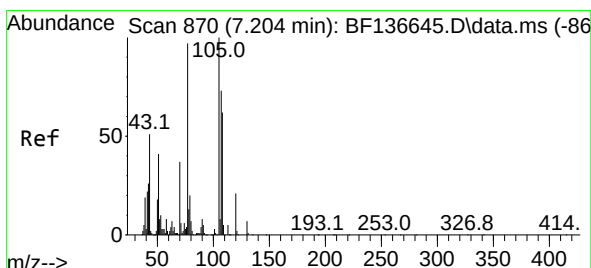
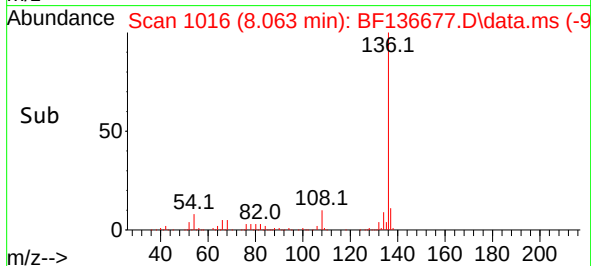
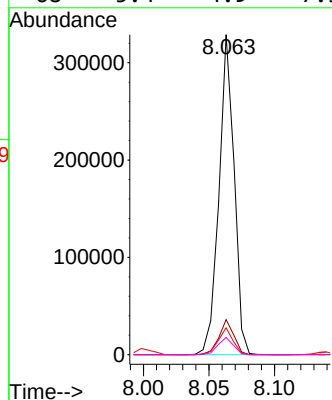
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.4 7.2 10.8

68 5.4 4.9 7.3



#22

Acetophenone

Concen: 39.555 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Tgt Ion:105 Resp: 261643

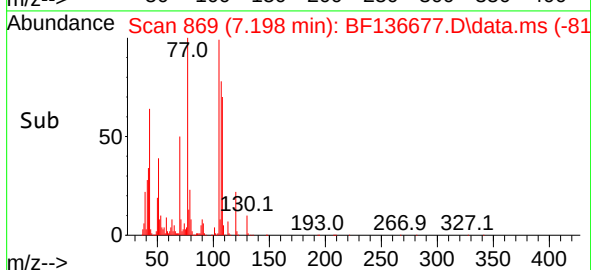
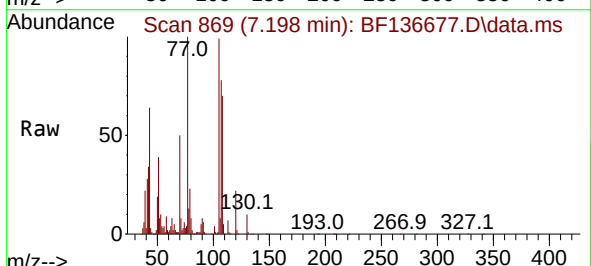
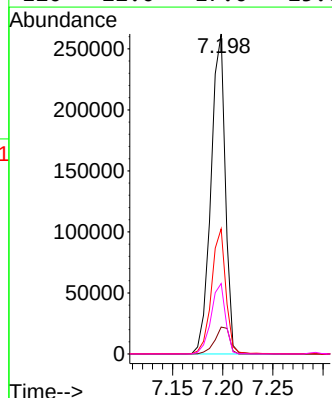
Ion Ratio Lower Upper

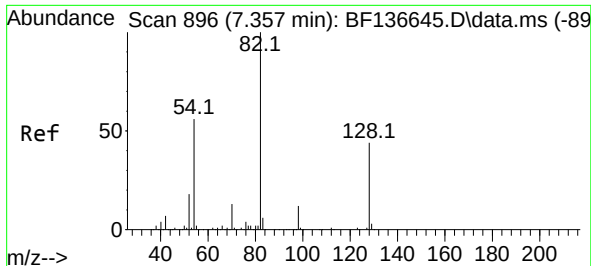
105 100

71 8.4 4.8 7.2#

51 39.1 32.8 49.2

120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 81.300 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

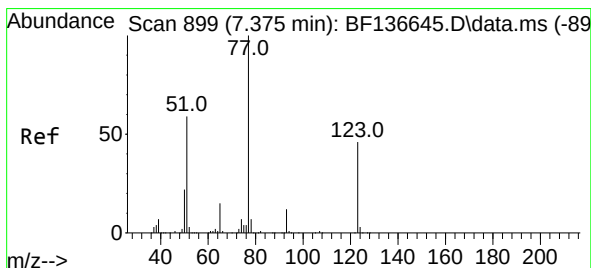
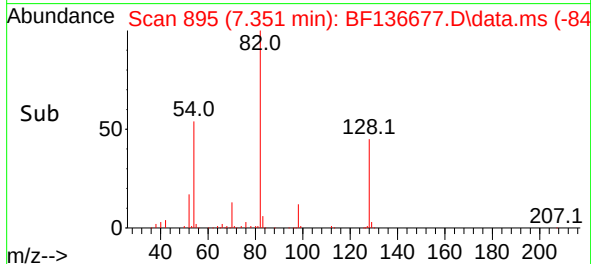
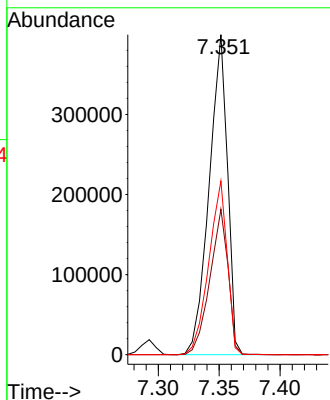
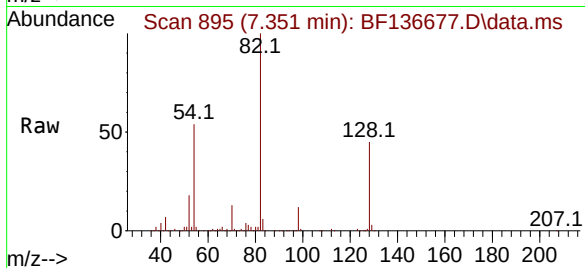
Tgt Ion: 82 Resp: 419284

Ion Ratio Lower Upper

82 100

128 45.4 35.3 52.9

54 54.3 44.5 66.7



#24

Nitrobenzene

Concen: 40.813 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

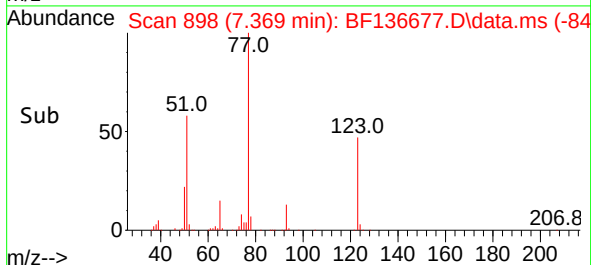
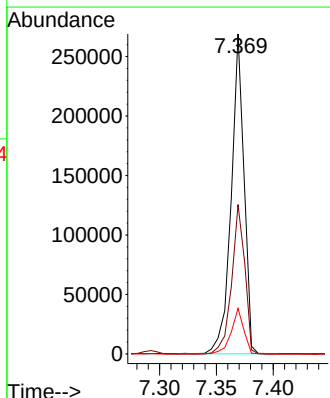
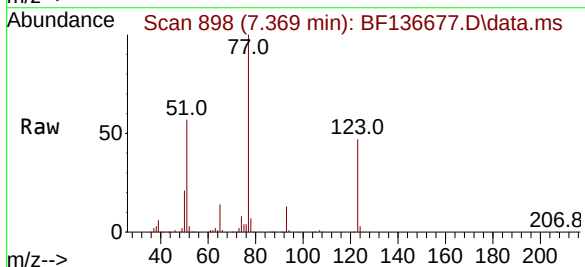
Tgt Ion: 77 Resp: 210846

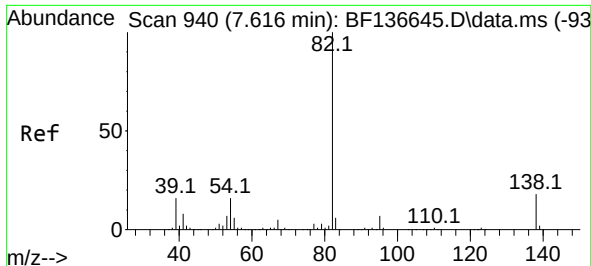
Ion Ratio Lower Upper

77 100

123 46.7 36.7 55.1

65 14.3 11.8 17.6

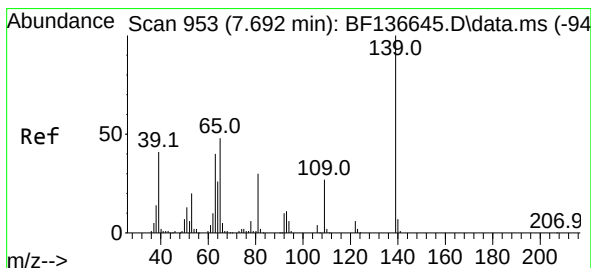
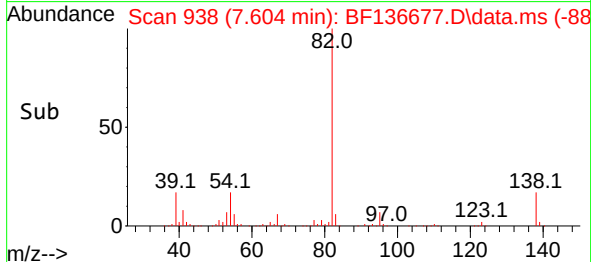
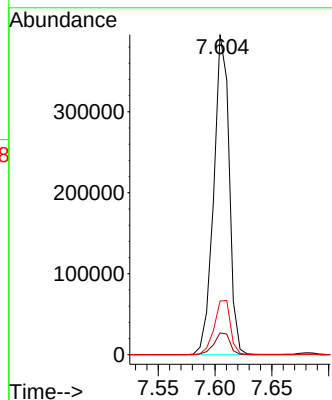
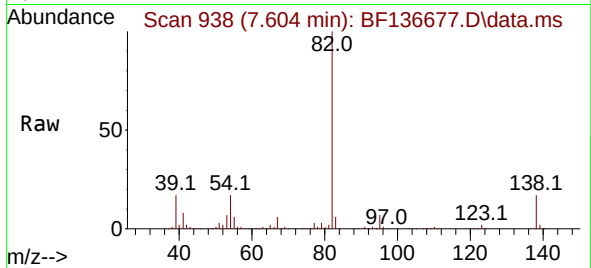




#25
Isophorone
Concen: 39.896 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

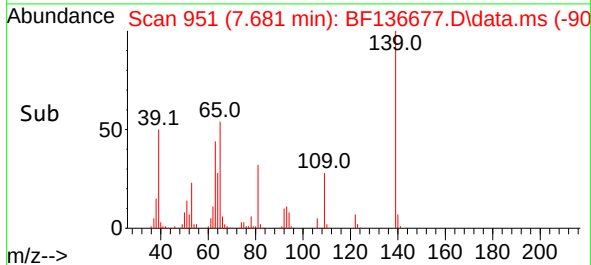
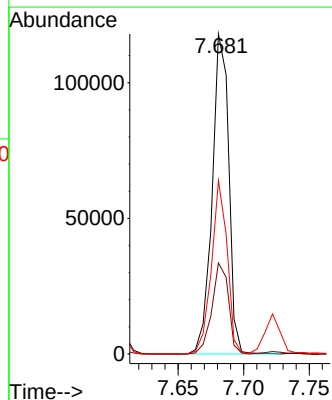
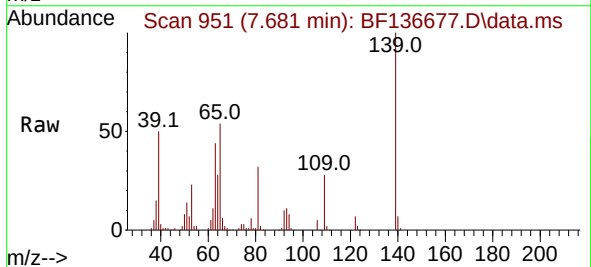
Instrument :
BNA_F
ClientSampleId :

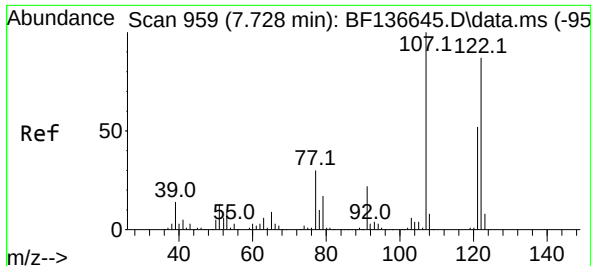
Tgt Ion: 82 Resp: 374389
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 16.8 14.5 21.7



#26
2-Nitrophenol
Concen: 41.915 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

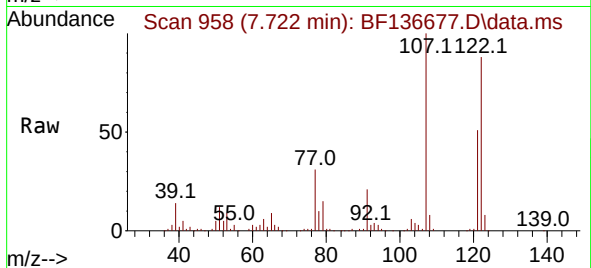
Tgt Ion:139 Resp: 103603
Ion Ratio Lower Upper
139 100
109 28.4 21.9 32.9
65 54.2 38.6 58.0



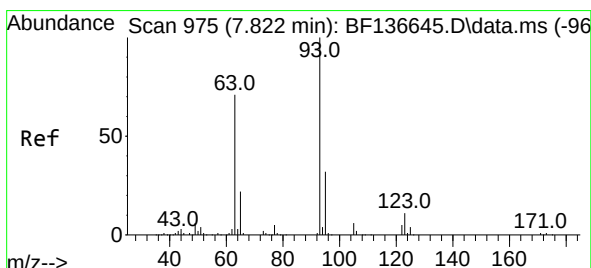
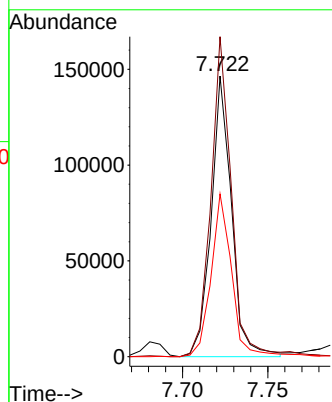
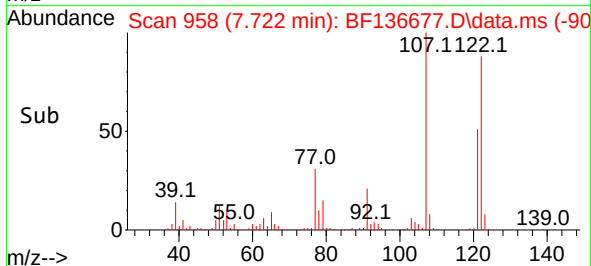


#27
2,4-Dimethylphenol
Concen: 40.545 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

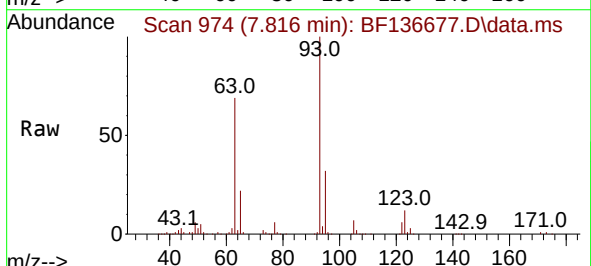
Instrument :
BNA_F
ClientSampleId :



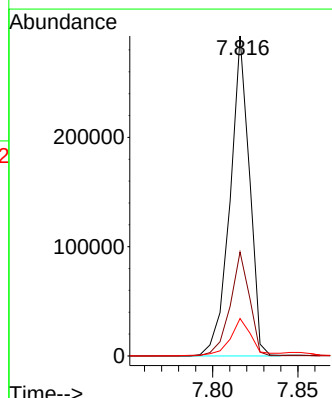
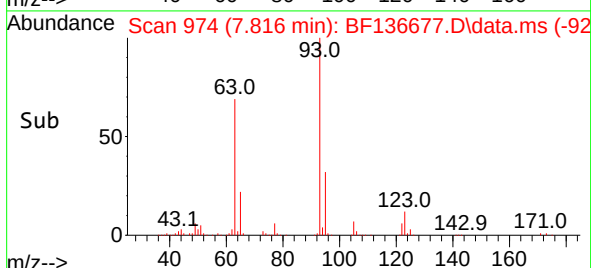
Tgt Ion:122 Resp: 122008
Ion Ratio Lower Upper
122 100
107 114.0 92.0 138.0
121 58.0 47.5 71.3

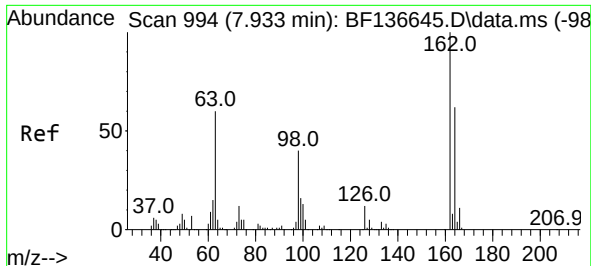


#28
bis(2-Chloroethoxy)methane
Concen: 40.654 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03



Tgt Ion: 93 Resp: 231895
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.198 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

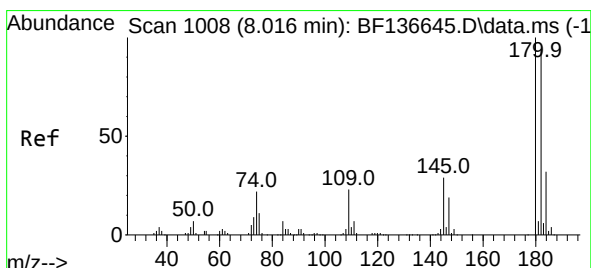
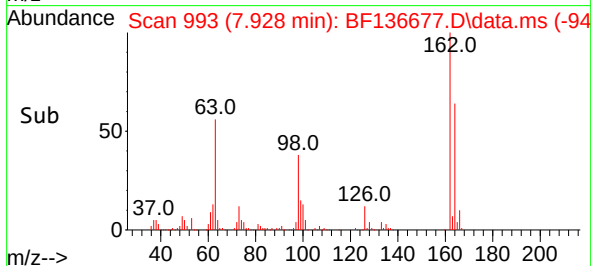
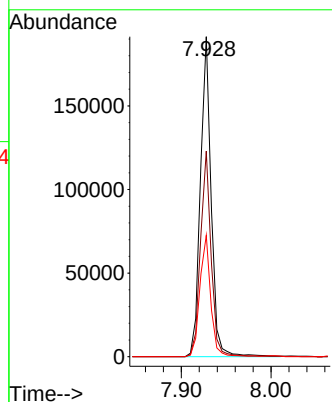
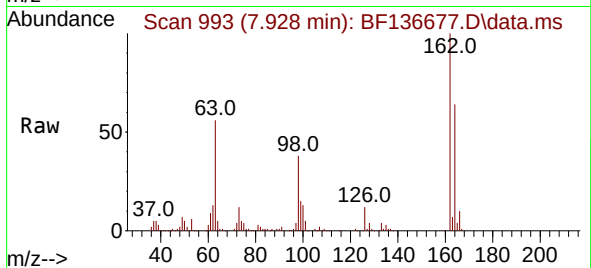
Tgt Ion:162 Resp: 159604

Ion Ratio Lower Upper

162 100

164 64.3 41.7 81.7

98 37.9 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 40.494 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

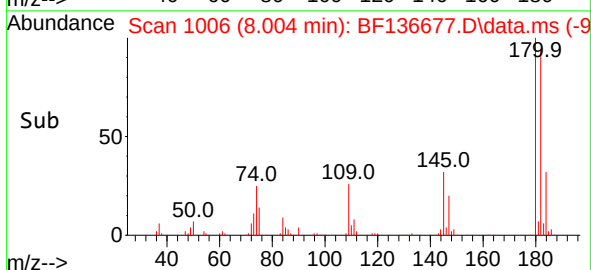
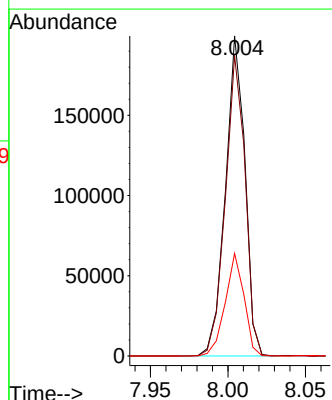
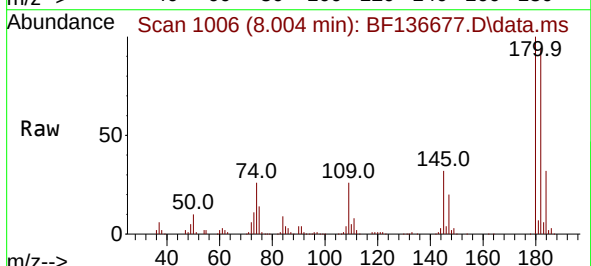
Tgt Ion:180 Resp: 174791

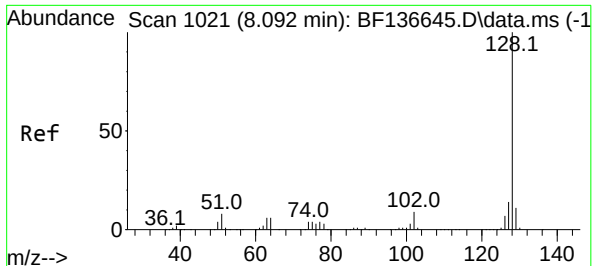
Ion Ratio Lower Upper

180 100

182 93.9 75.4 113.0

145 32.1 23.1 34.7

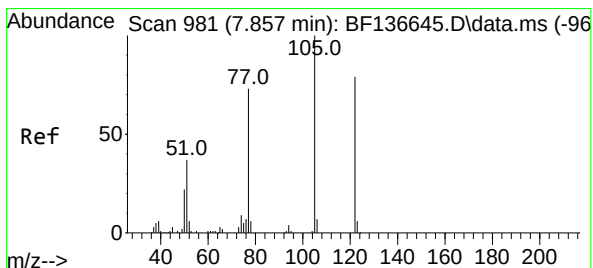
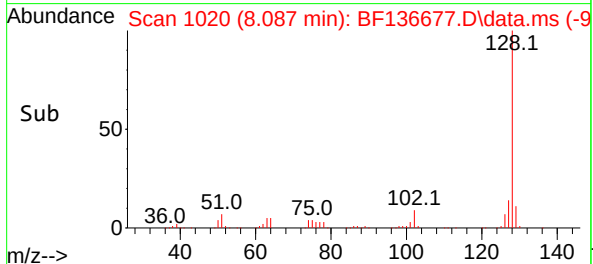
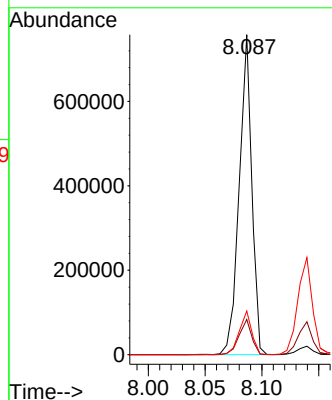
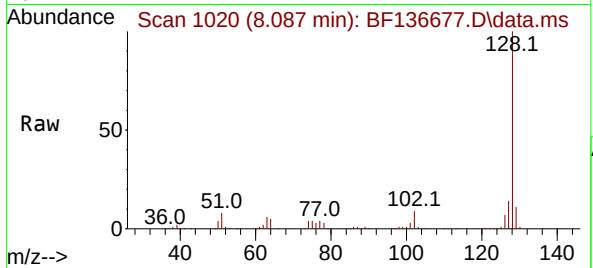




#31
Naphthalene
Concen: 40.376 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

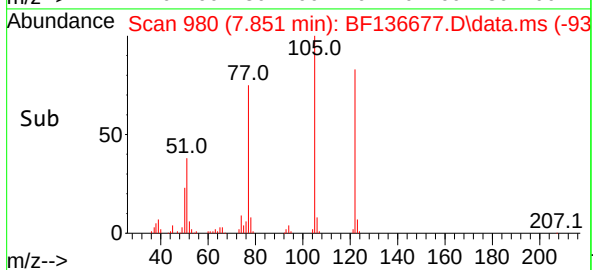
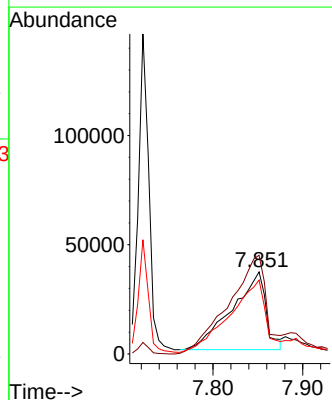
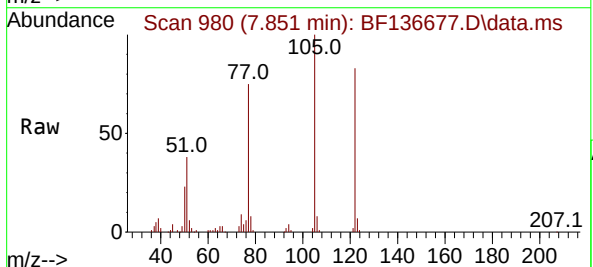
Instrument :
BNA_F
ClientSampleId :

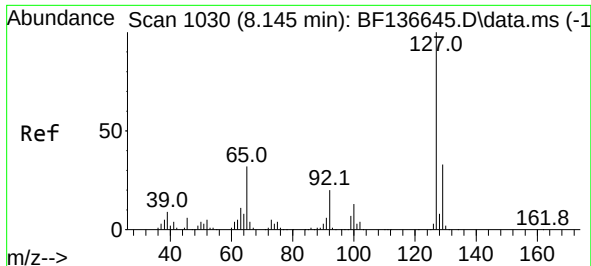
Tgt Ion:128 Resp: 585377
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 32.169 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion:122 Resp: 93664
Ion Ratio Lower Upper
122 100
105 120.2 100.8 140.8
77 90.0 70.9 110.9

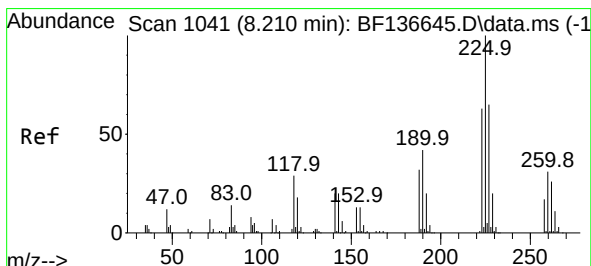
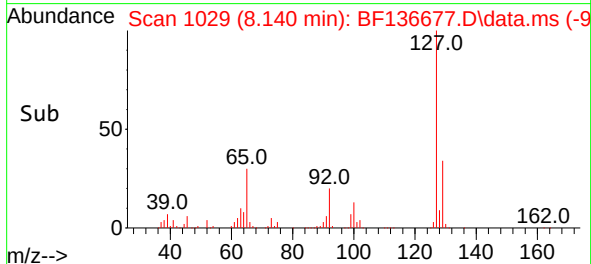
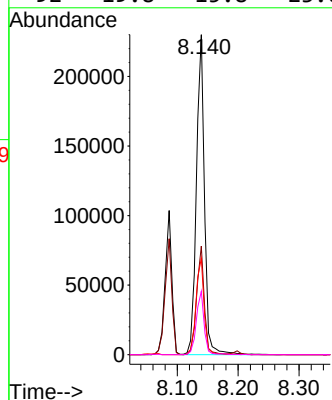
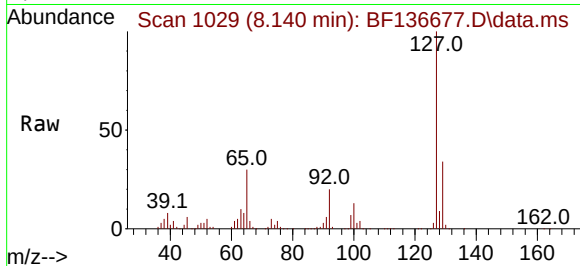




#33
4-Chloroaniline
Concen: 39.782 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

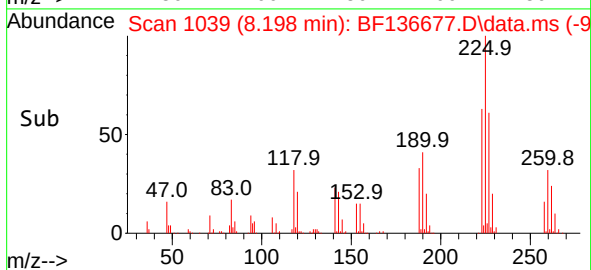
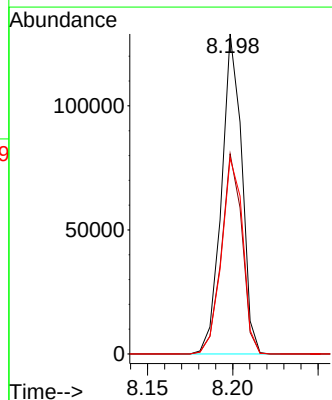
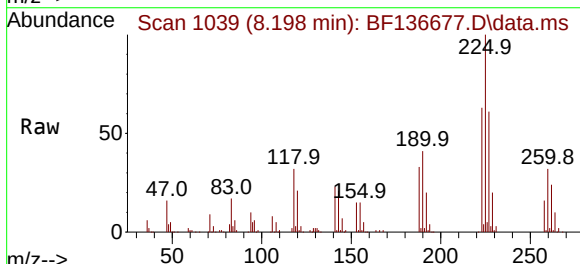
Instrument :
BNA_F
ClientSampleId :

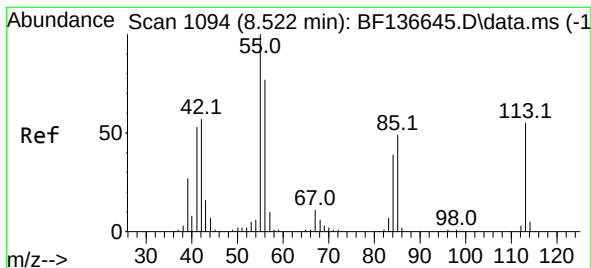
Tgt Ion:	127	Resp:	212951
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.3	39.5
65	30.1	25.8	38.8
92	19.8	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.685 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.011 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion:	225	Resp:	106698
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	61.2	51.9	77.9





#35

Caprolactam

Concen: 39.459 ng

RT: 8.516 min Scan# 1093

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

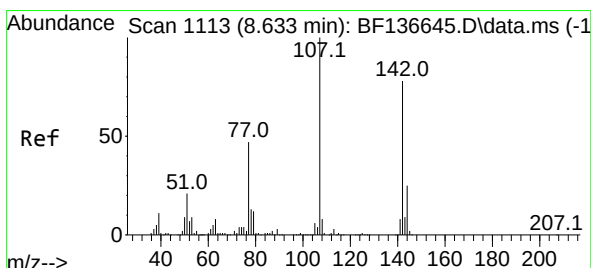
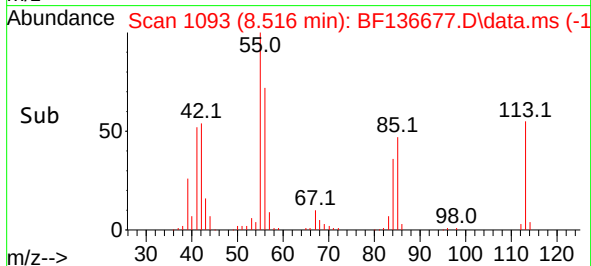
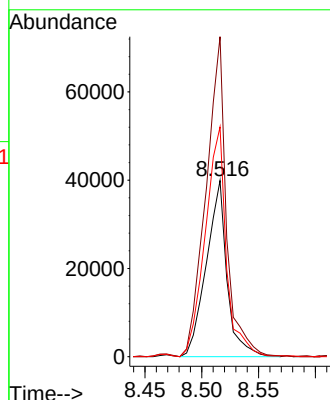
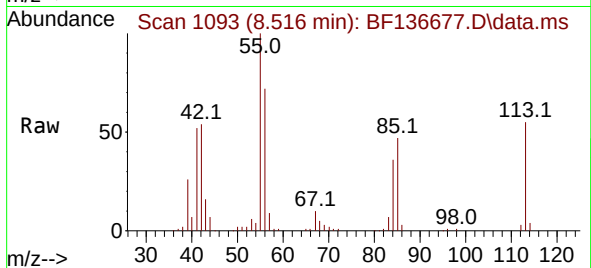
Tgt Ion:113 Resp: 50430

Ion Ratio Lower Upper

113 100

55 181.7 163.1 203.1

56 130.5 121.7 161.7



#36

4-Chloro-3-methylphenol

Concen: 40.065 ng

RT: 8.628 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

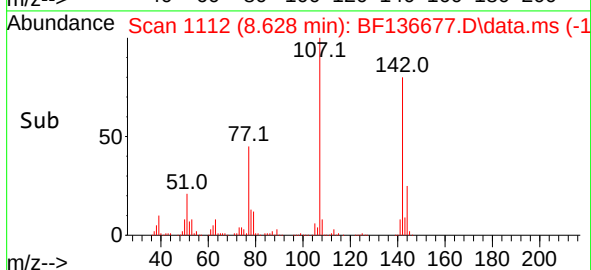
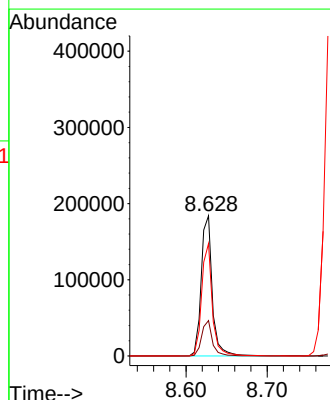
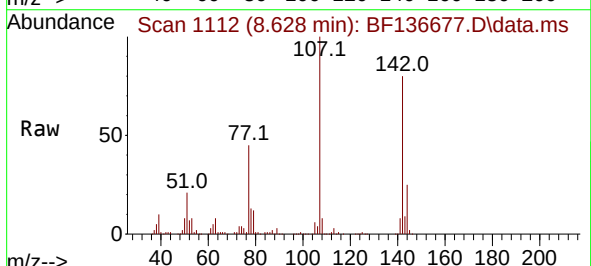
Tgt Ion:107 Resp: 174737

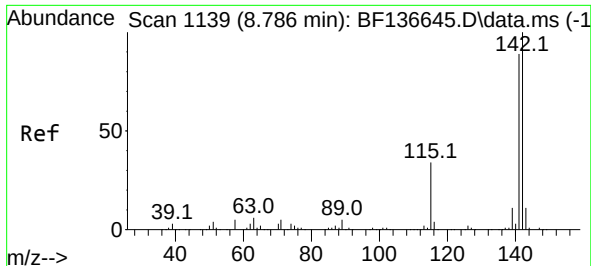
Ion Ratio Lower Upper

107 100

144 25.2 20.2 30.2

142 80.1 62.3 93.5





#37

2-Methylnaphthalene

Concen: 40.379 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.011 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

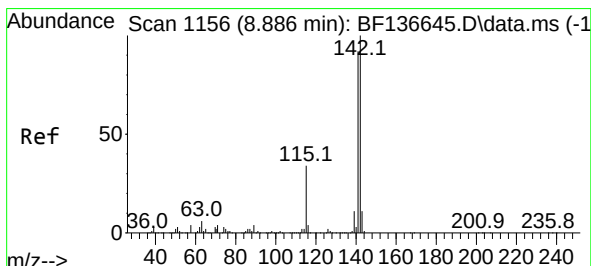
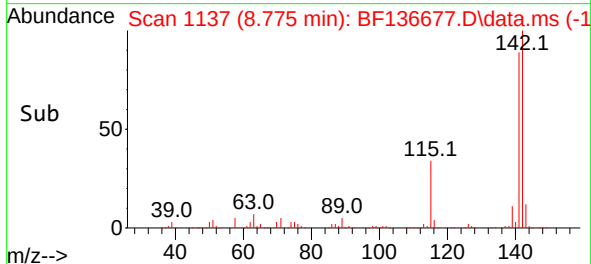
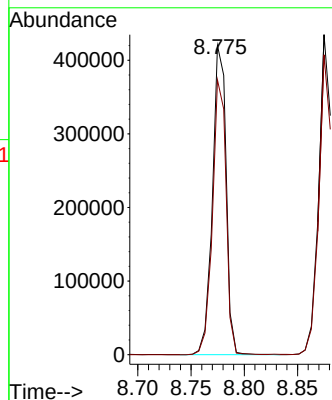
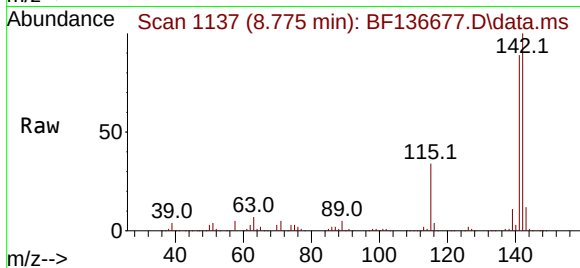
ClientSampleId :

Tgt Ion:142 Resp: 376756

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 39.514 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136677.D

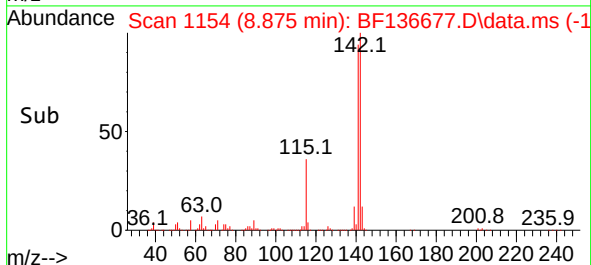
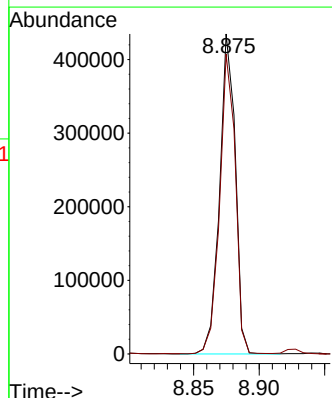
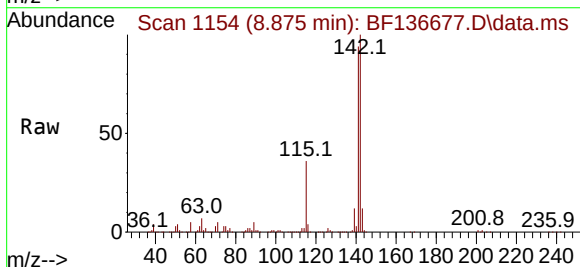
Acq: 22 Dec 2023 10:03

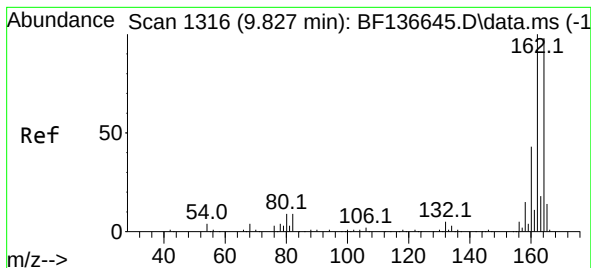
Tgt Ion:142 Resp: 361714

Ion Ratio Lower Upper

142 100

141 93.7 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

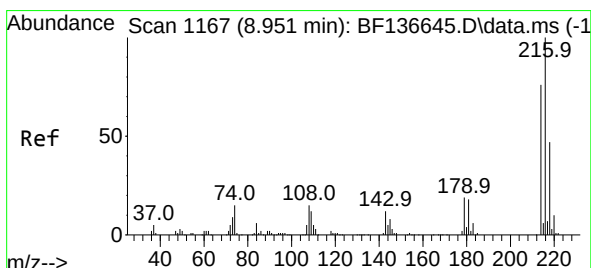
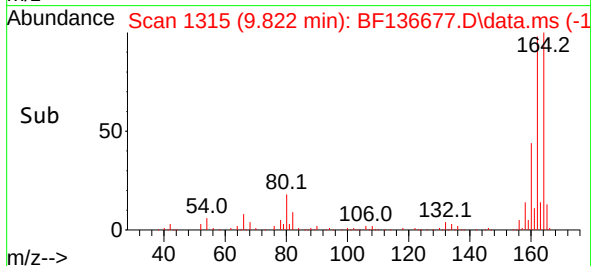
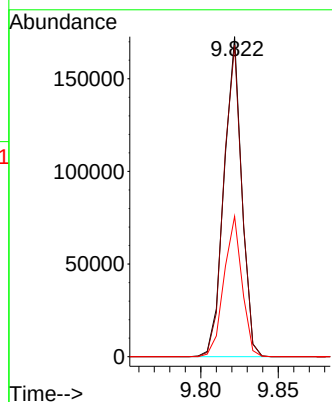
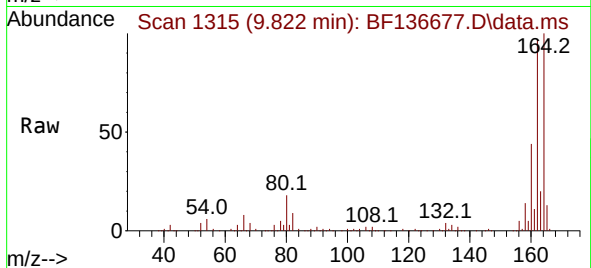
Tgt Ion:164 Resp: 137162

Ion Ratio Lower Upper

164 100

162 97.4 81.6 122.4

160 43.8 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.042 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Tgt Ion:216 Resp: 174339

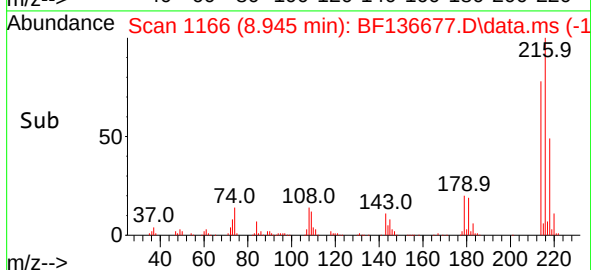
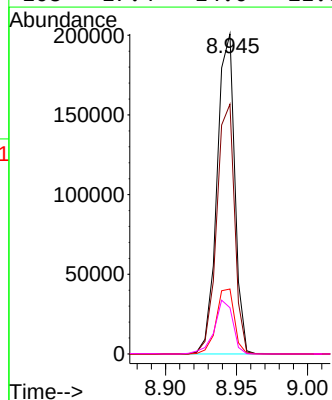
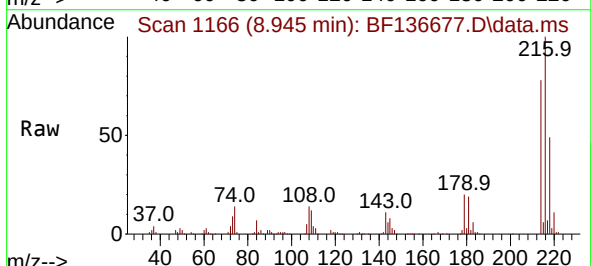
Ion Ratio Lower Upper

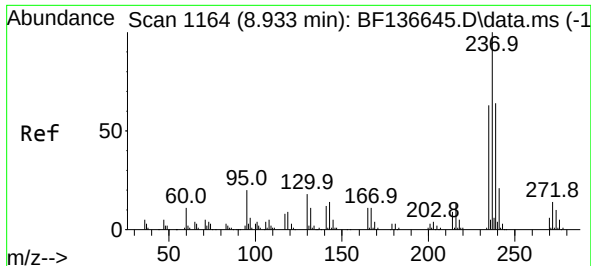
216 100

214 78.7 62.3 93.5

179 20.7 16.4 24.6

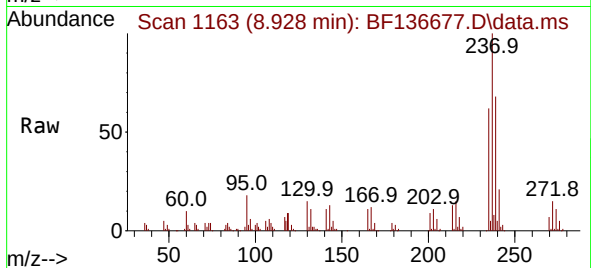
108 17.4 14.0 21.0



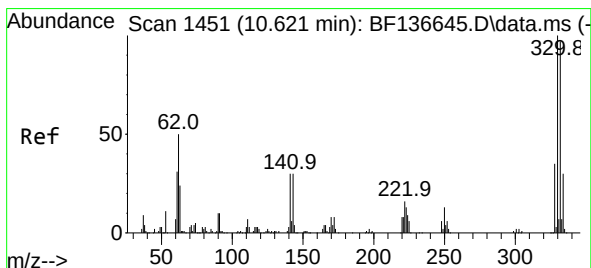
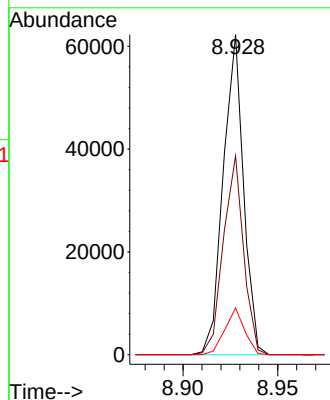
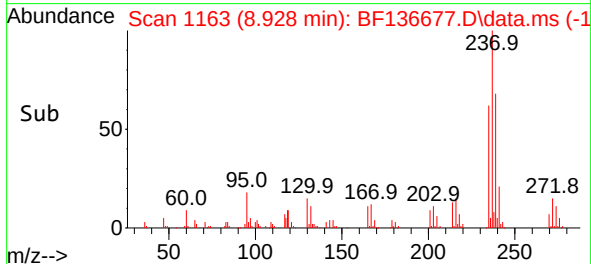


#41
Hexachlorocyclopentadiene
Concen: 37.093 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

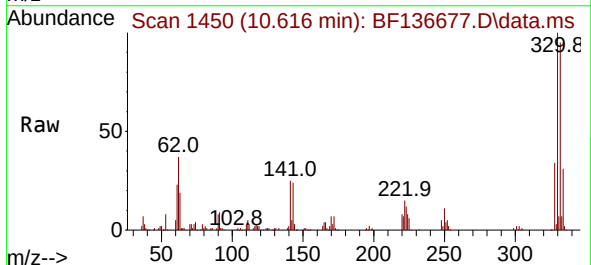
Instrument :
BNA_F
ClientSampleId :



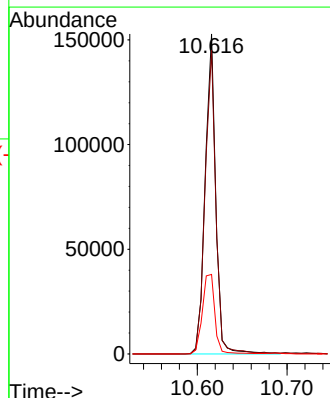
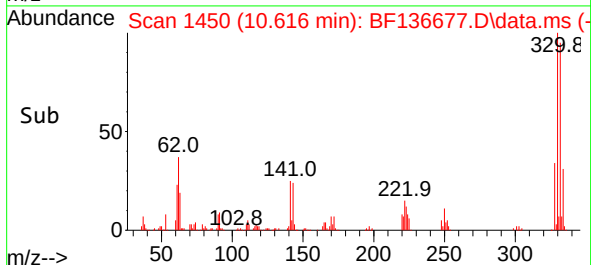
Tgt Ion:237 Resp: 46448
Ion Ratio Lower Upper
237 100
235 62.1 43.2 83.2
272 14.6 0.0 34.2

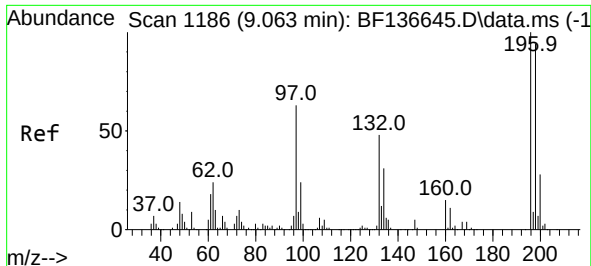


#42
2,4,6-Tribromophenol
Concen: 77.424 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03



Tgt Ion:330 Resp: 125069
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 29.5 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 41.244 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

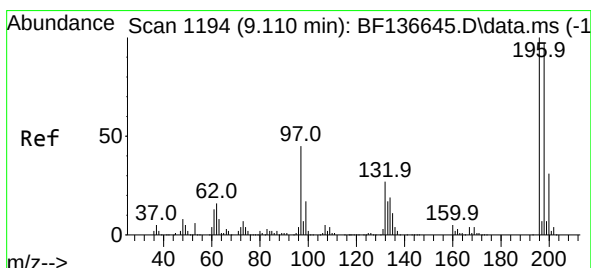
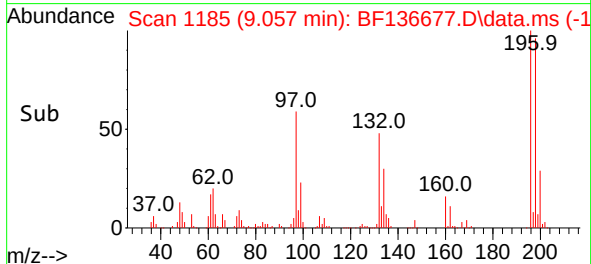
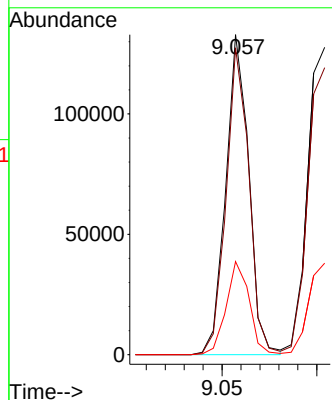
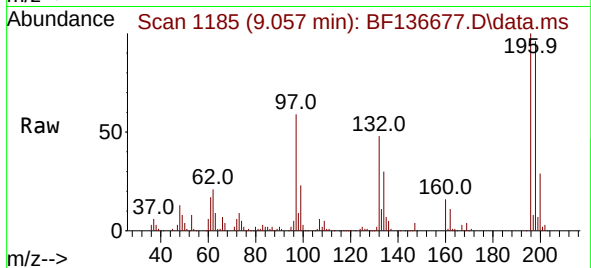
Tgt Ion:196 Resp: 112358

Ion Ratio Lower Upper

196 100

198 95.9 75.1 112.7

200 29.1 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 40.920 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Tgt Ion:196 Resp: 124224

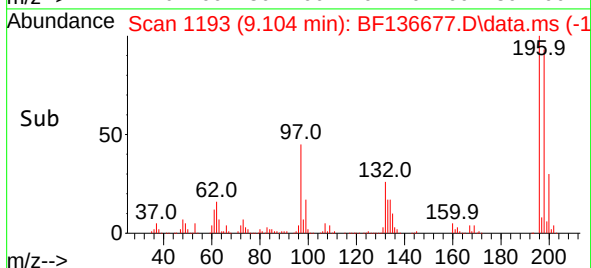
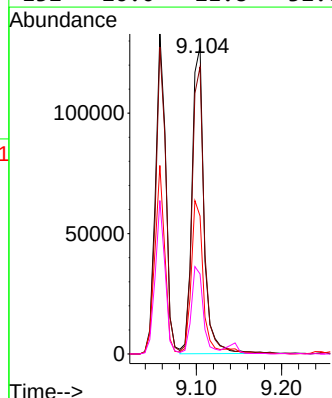
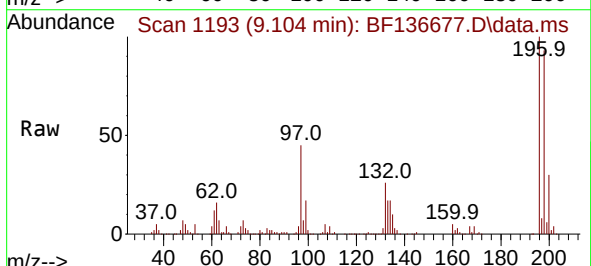
Ion Ratio Lower Upper

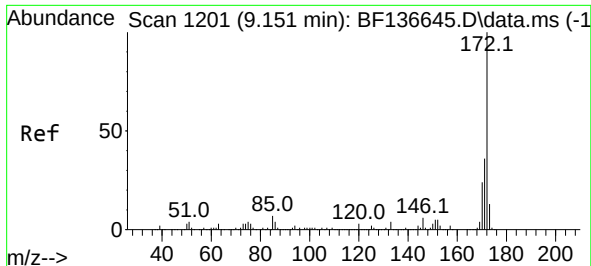
196 100

198 93.4 77.0 115.6

97 44.9 36.1 54.1

132 26.0 21.8 32.6

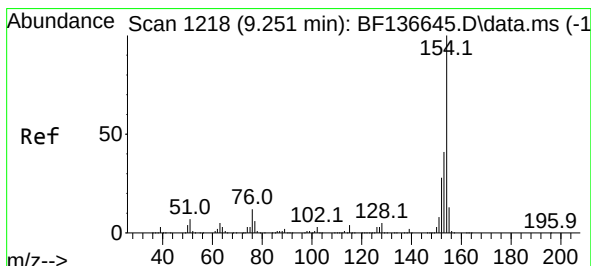
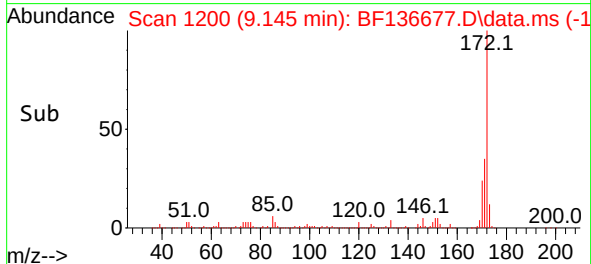
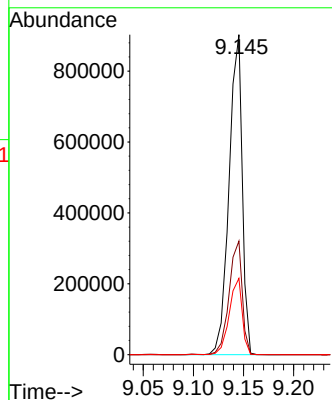
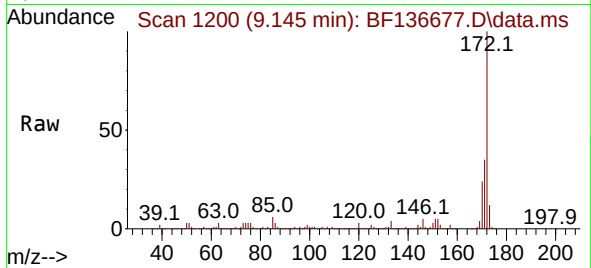




#45
2-Fluorobiphenyl
Concen: 80.631 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

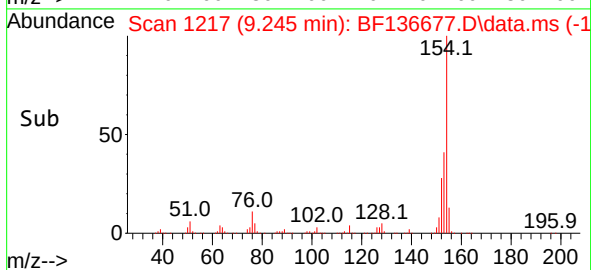
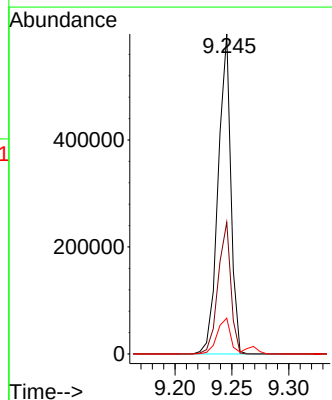
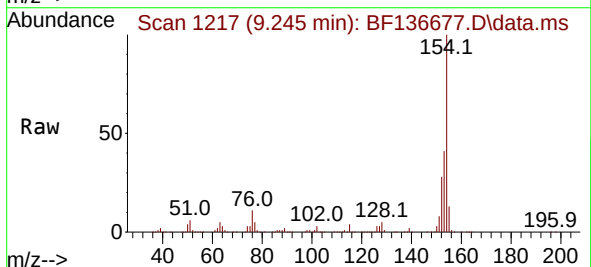
Instrument :
BNA_F
ClientSampleId :

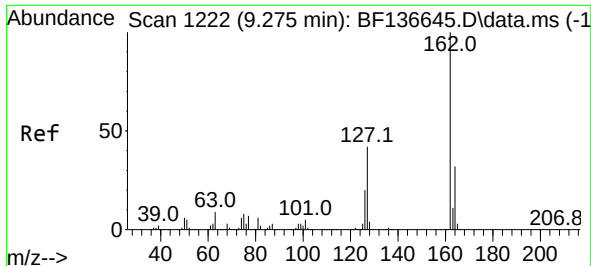
Tgt Ion:172 Resp: 822282
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.383 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion:154 Resp: 464813
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 11.2 0.0 31.7

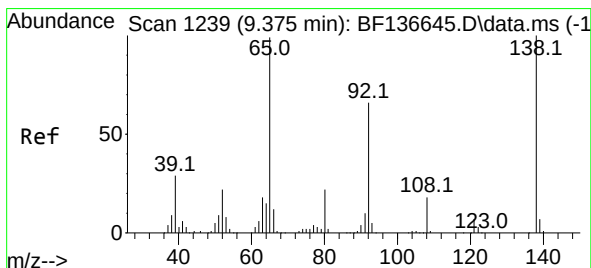
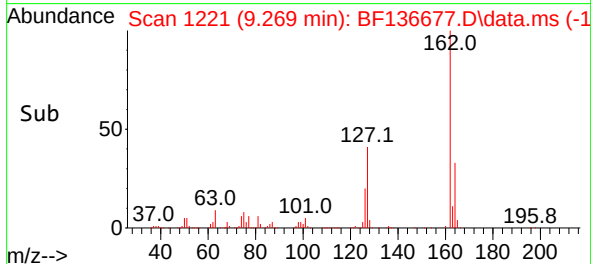
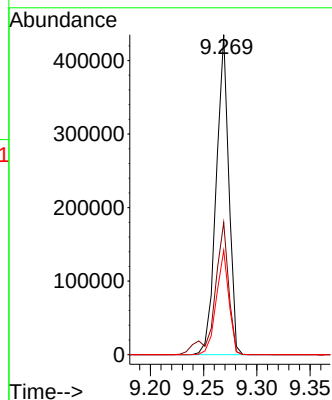
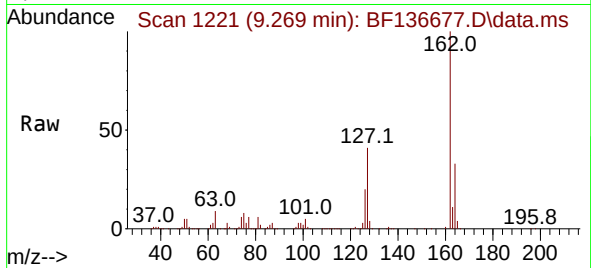




#47
2-Chloronaphthalene
Concen: 40.744 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

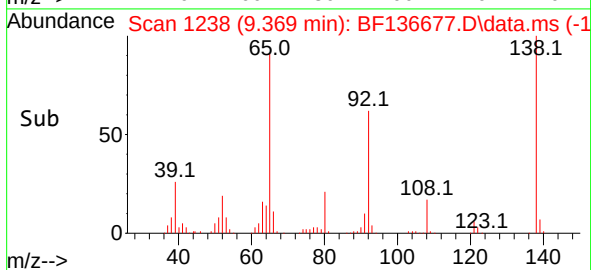
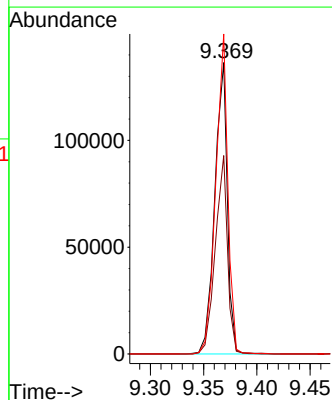
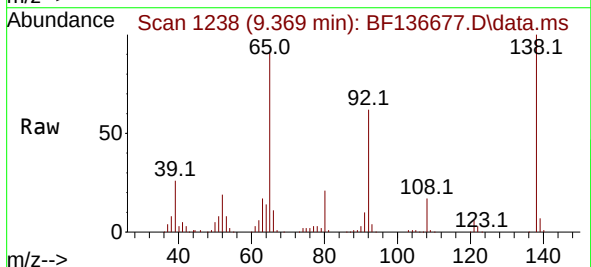
Instrument :
BNA_F
ClientSampleId :

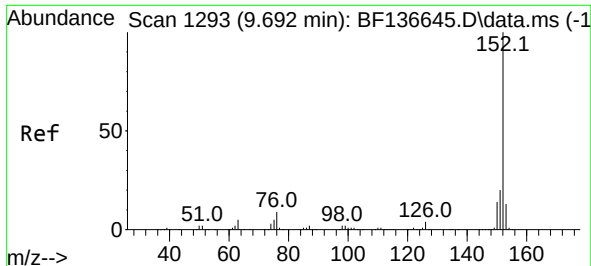
Tgt Ion:162 Resp: 356510
Ion Ratio Lower Upper
162 100
127 41.3 33.6 50.4
164 32.6 25.7 38.5



#48
2-Nitroaniline
Concen: 40.921 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion: 65 Resp: 112125
Ion Ratio Lower Upper
65 100
92 68.1 53.2 79.8
138 109.8 81.1 121.7





#49

Acenaphthylene

Concen: 40.529 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

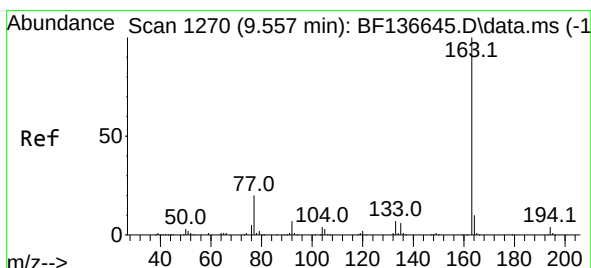
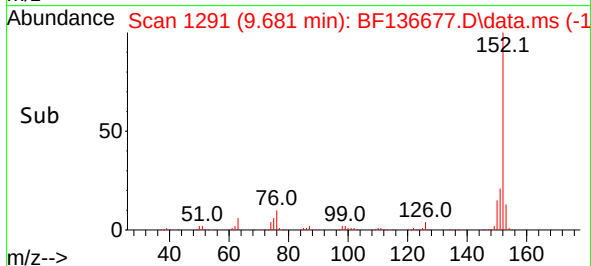
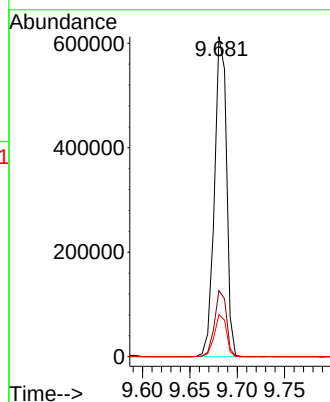
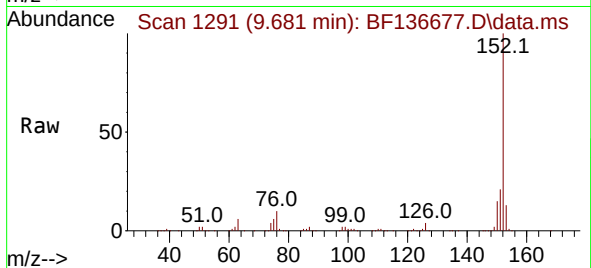
Tgt Ion:152 Resp: 542052

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 13.1 10.2 15.2



#50

Dimethylphthalate

Concen: 38.976 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

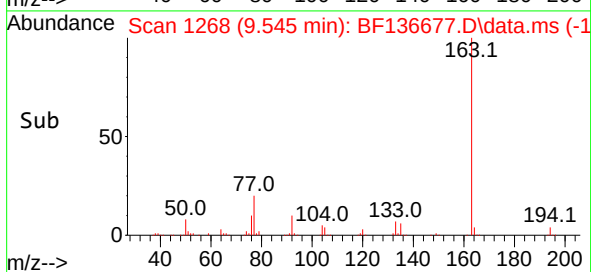
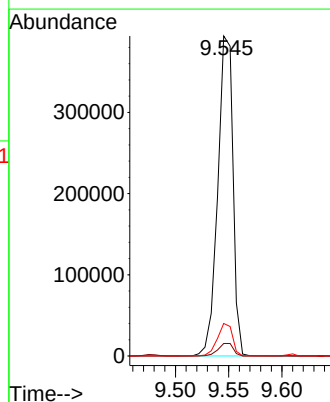
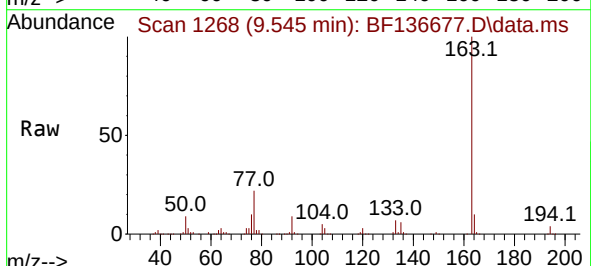
Tgt Ion:163 Resp: 390482

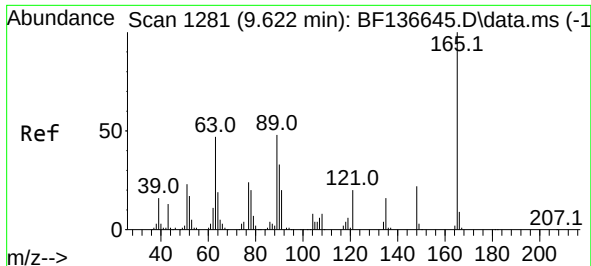
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

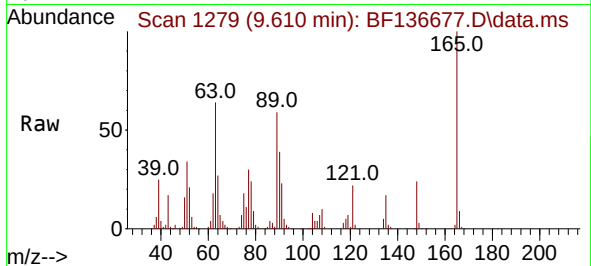
164 10.1 7.8 11.6



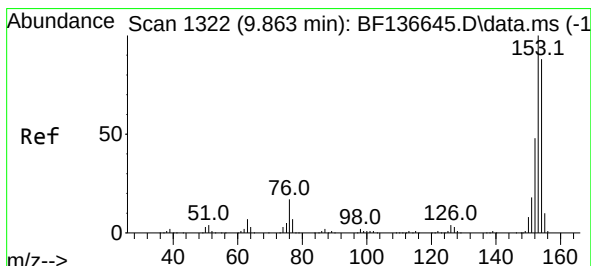
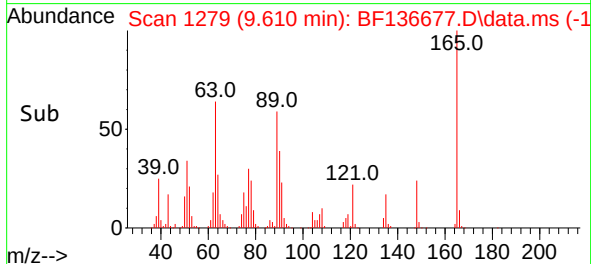
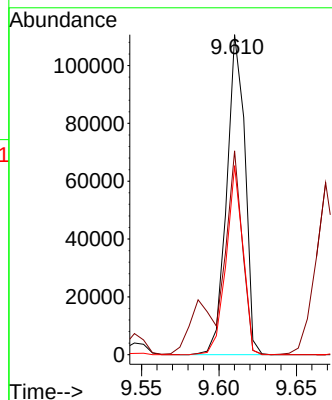


#51
2,6-Dinitrotoluene
Concen: 39.839 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :

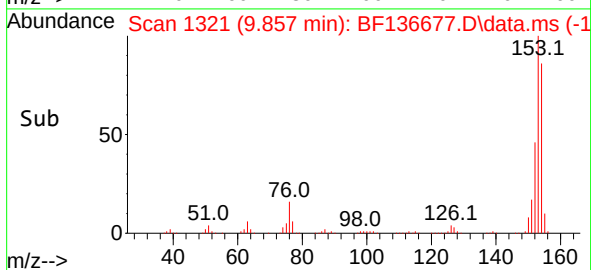
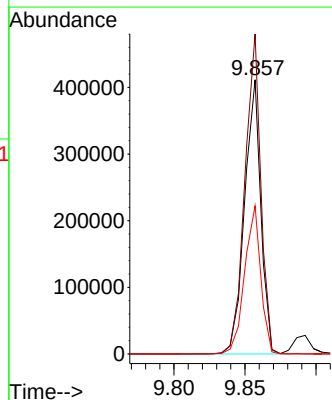
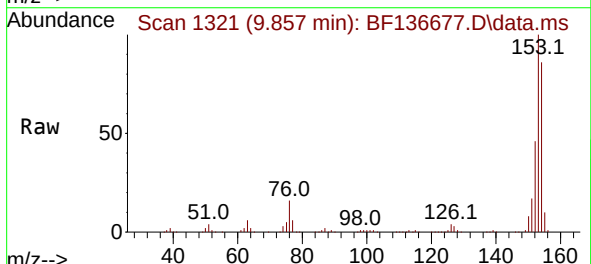


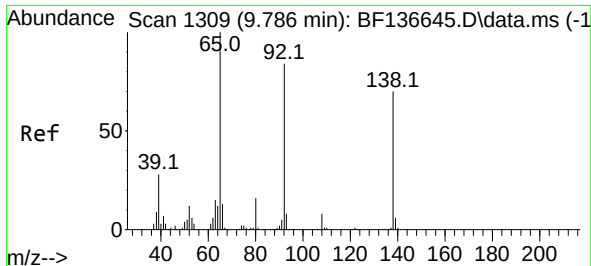
Tgt Ion:165 Resp: 90583
Ion Ratio Lower Upper
165 100
63 63.7 39.8 59.6#
89 59.0 38.8 58.2#



#52
Acenaphthene
Concen: 39.651 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

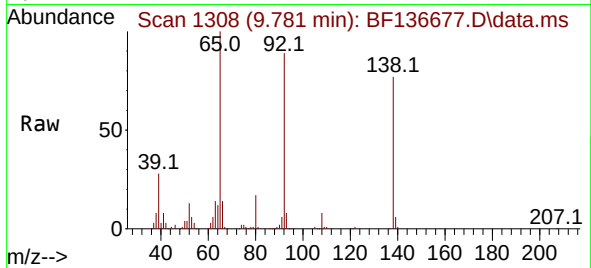
Tgt Ion:154 Resp: 328731
Ion Ratio Lower Upper
154 100
153 116.7 90.7 136.1
152 54.0 43.7 65.5



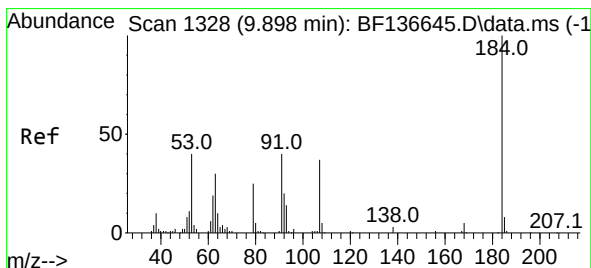
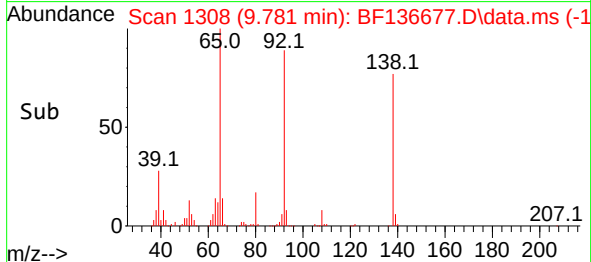
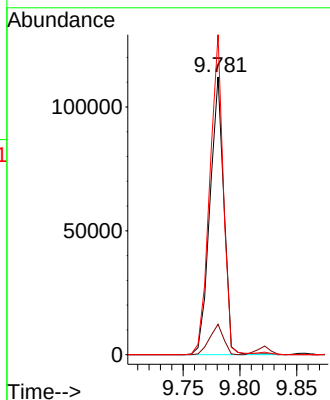


#53
3-Nitroaniline
Concen: 39.552 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :

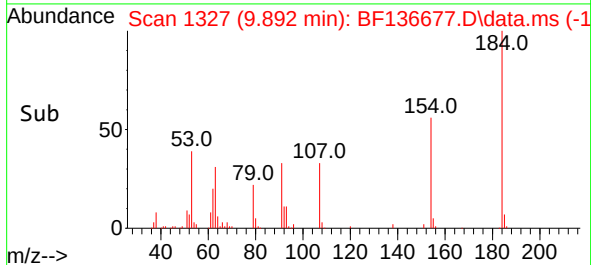
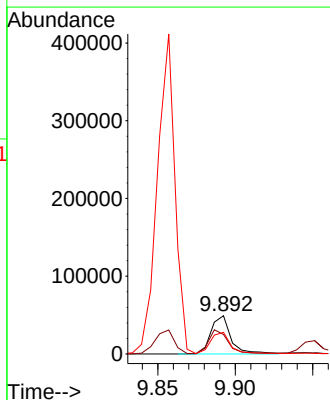
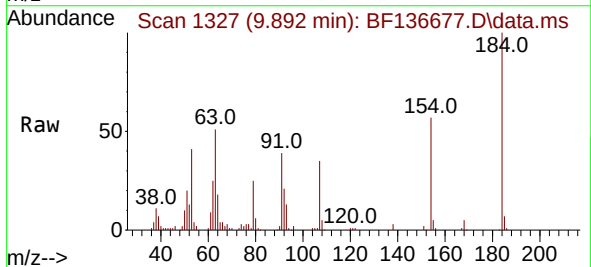


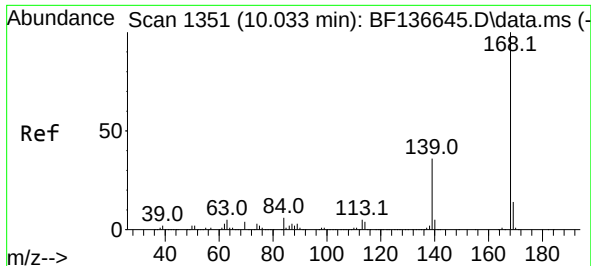
Tgt Ion:138 Resp: 95265
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 115.2 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 37.088 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

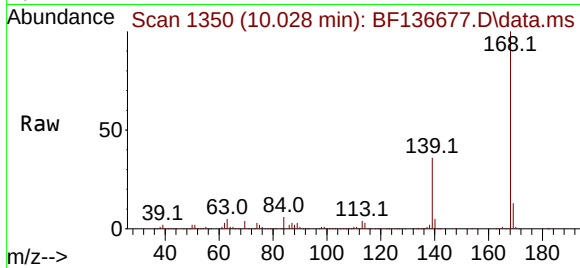
Tgt Ion:184 Resp: 44088
Ion Ratio Lower Upper
184 100
63 51.3 40.9 61.3
154 56.5 42.7 64.1



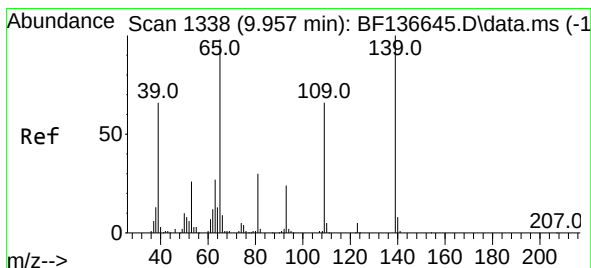
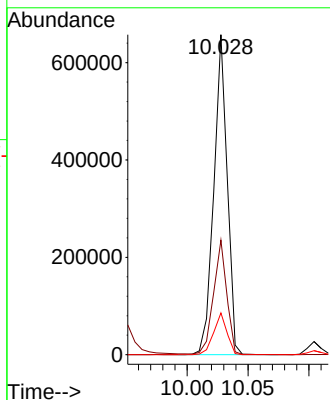
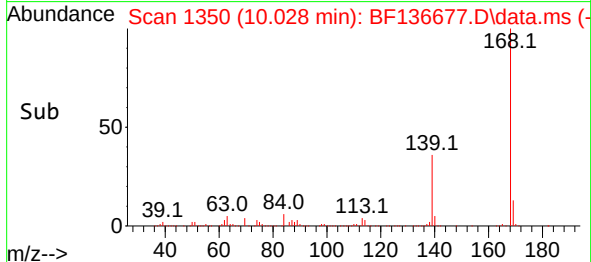


#55
Dibenzenofuran
Concen: 39.898 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :

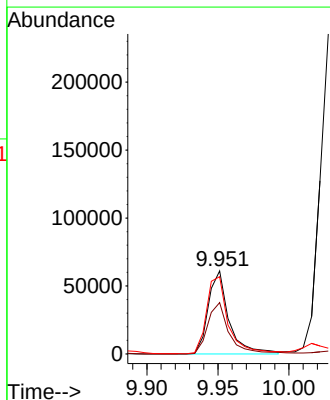
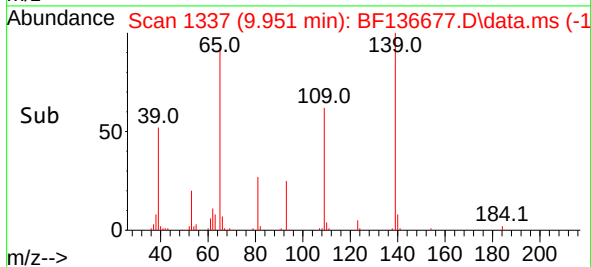
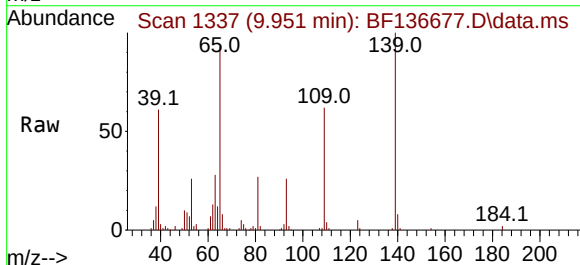


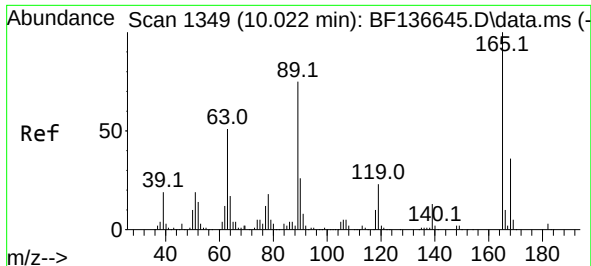
Tgt Ion:168 Resp: 501408
Ion Ratio Lower Upper
168 100
139 35.8 29.3 43.9
169 13.0 11.0 16.4



#56
4-Nitrophenol
Concen: 38.144 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

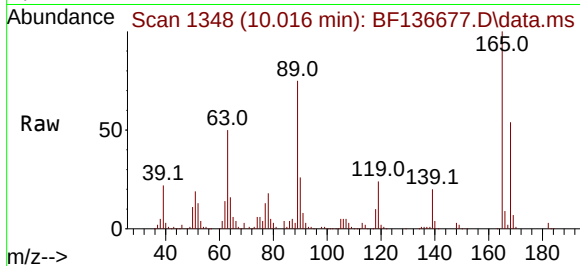
Tgt Ion:139 Resp: 62021
Ion Ratio Lower Upper
139 100
109 61.8 45.8 85.8
65 93.1 77.8 117.8



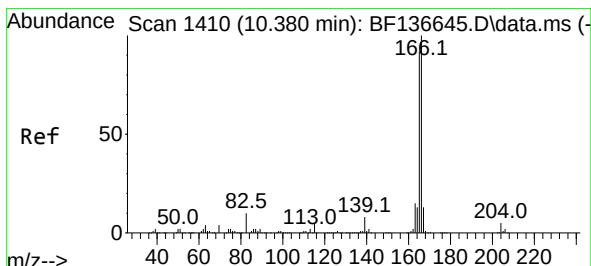
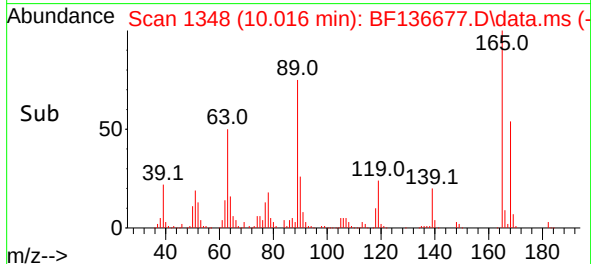
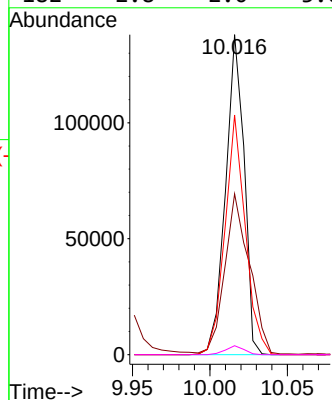


#57
2,4-Dinitrotoluene
Concen: 38.891 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :

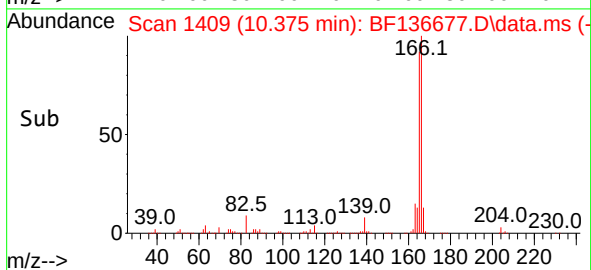
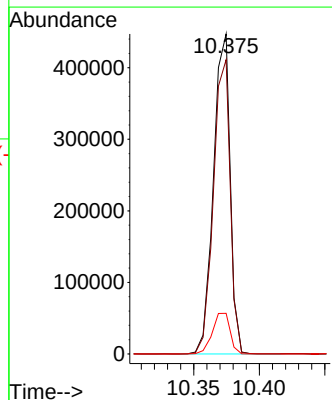
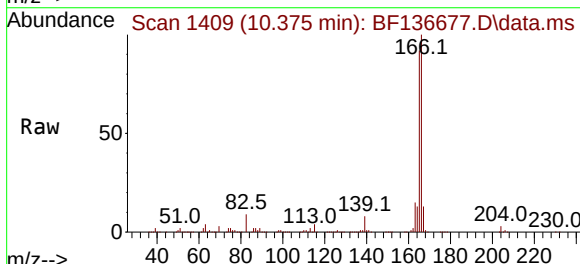


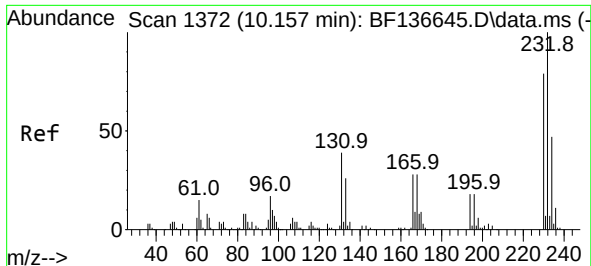
Tgt Ion:165 Resp: 114798
Ion Ratio Lower Upper
165 100
63 50.2 41.0 61.6
89 74.9 59.9 89.9
182 2.8 2.0 3.0



#58
Fluorene
Concen: 39.707 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion:166 Resp: 395944
Ion Ratio Lower Upper
166 100
165 91.9 73.7 110.5
167 12.7 10.4 15.6

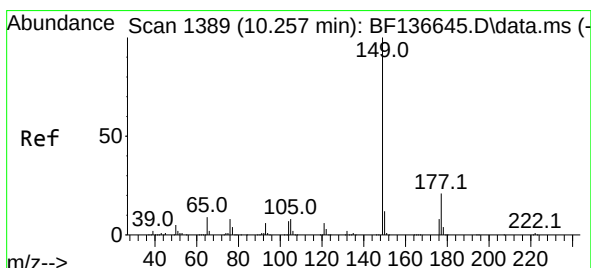
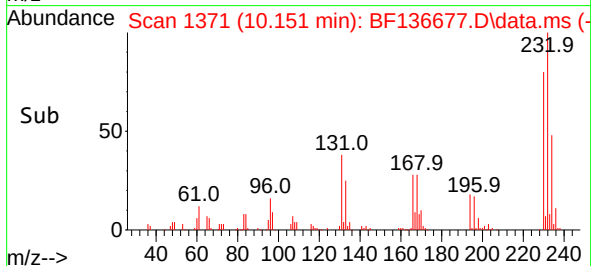
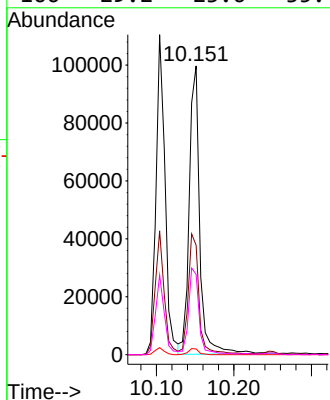
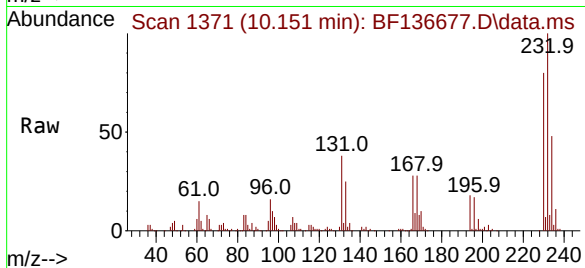




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.127 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

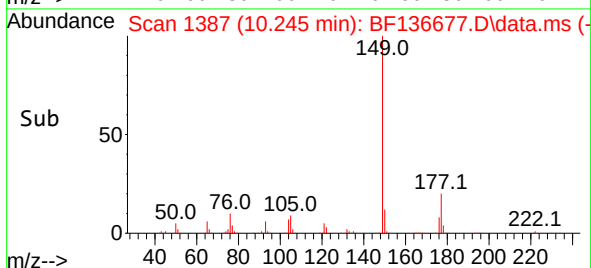
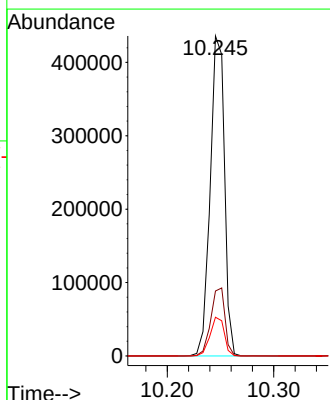
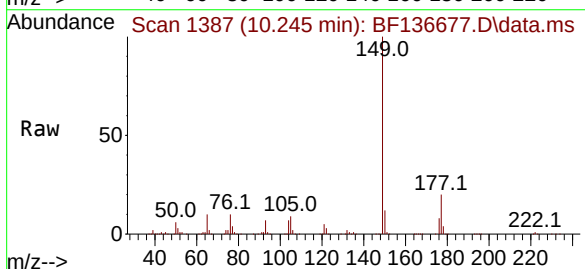
Instrument :
BNA_F
ClientSampleId :

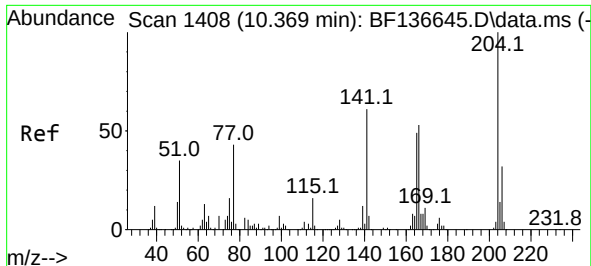
Tgt Ion:232 Resp: 93772
Ion Ratio Lower Upper
232 100
131 42.0 35.1 52.7
130 2.1 1.6 2.4
166 29.2 23.6 35.4



#60
Diethylphthalate
Concen: 39.018 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion:149 Resp: 405586
Ion Ratio Lower Upper
149 100
177 20.3 16.9 25.3
150 12.1 9.3 13.9

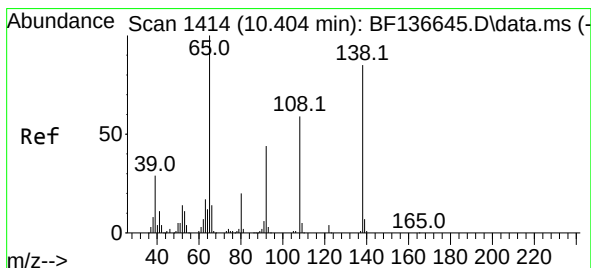
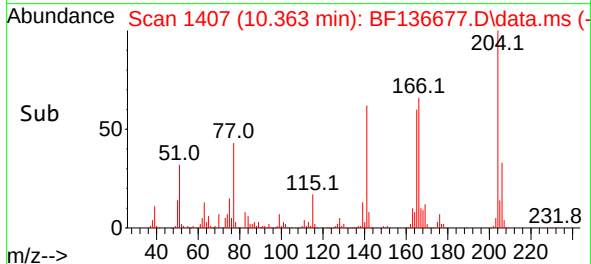
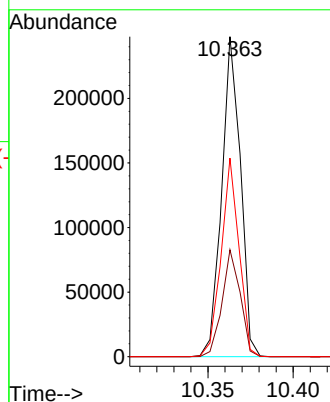
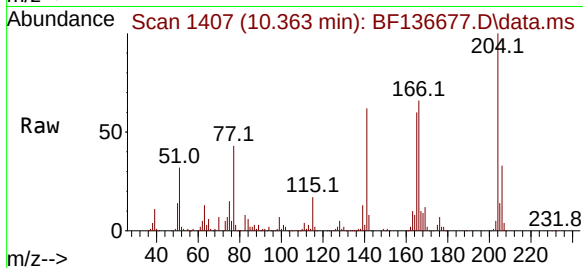




#61
4-Chlorophenyl-phenylether
Concen: 39.104 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

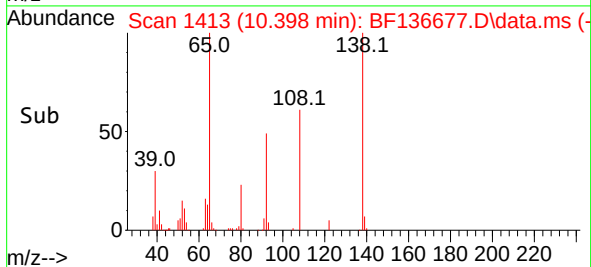
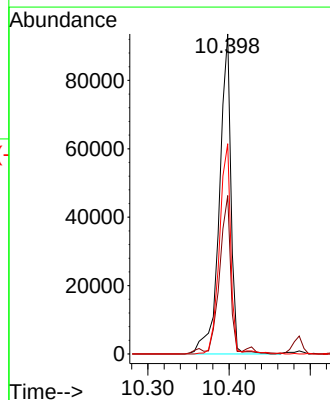
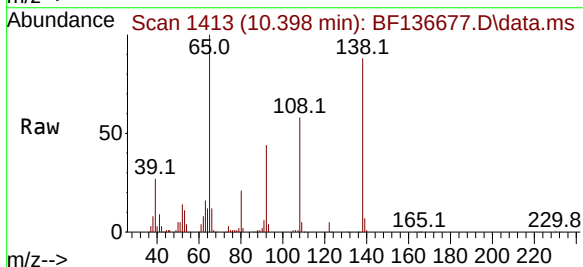
Instrument :
BNA_F
ClientSampleId :

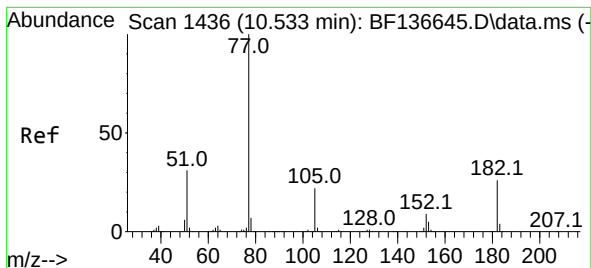
Tgt Ion:204 Resp: 189532
Ion Ratio Lower Upper
204 100
206 33.4 25.6 38.4
141 62.1 48.4 72.6



#62
4-Nitroaniline
Concen: 39.879 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion:138 Resp: 92597
Ion Ratio Lower Upper
138 100
92 49.5 32.1 72.1
108 65.7 50.1 90.1





#63

Azobenzene

Concen: 39.216 ng

RT: 10.528 min Scan# 1435

Delta R.T. -0.006 min

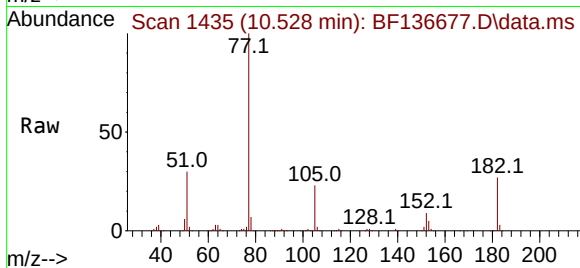
Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 380749

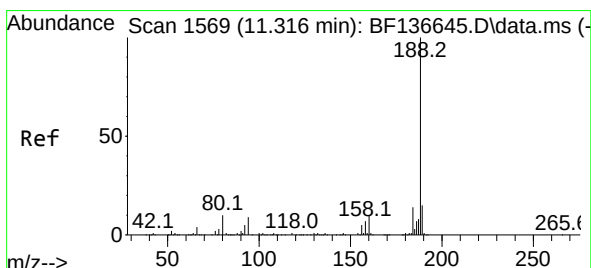
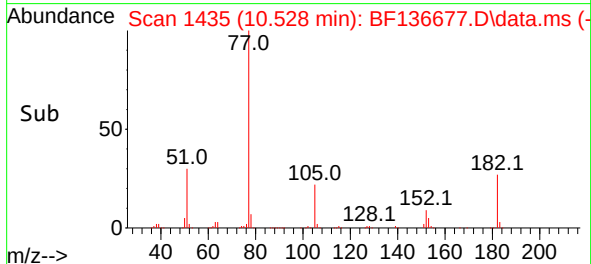
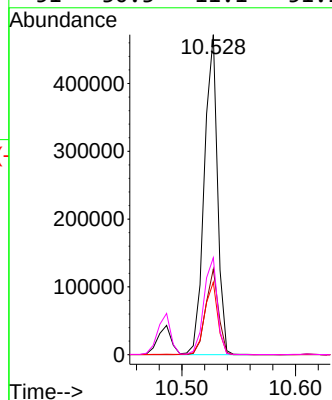
Ion Ratio Lower Upper

77 100

182 26.8 6.0 46.0

105 22.6 2.3 42.3

51 30.3 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

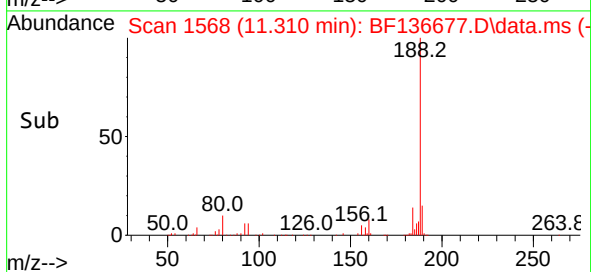
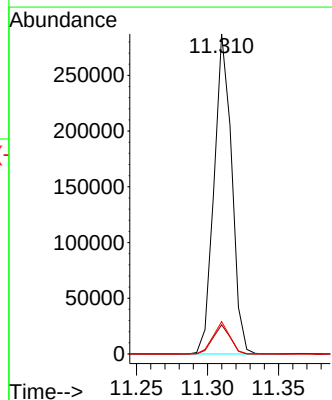
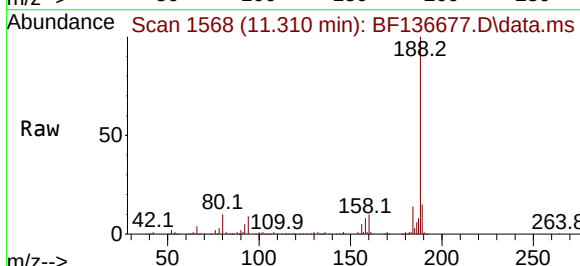
Tgt Ion: 188 Resp: 248389

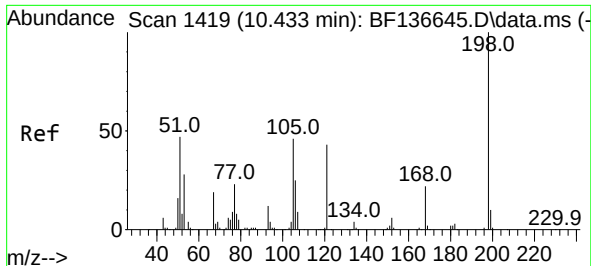
Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 10.1 8.1 12.1

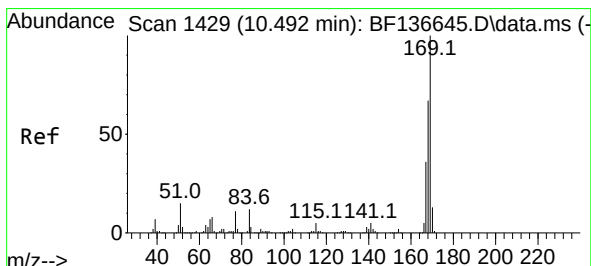
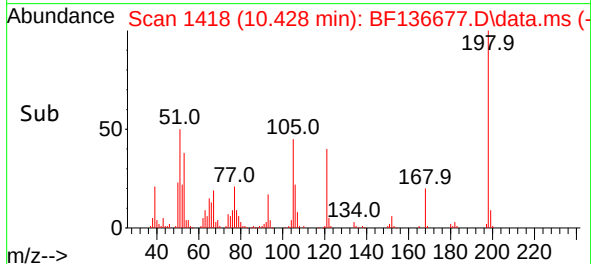
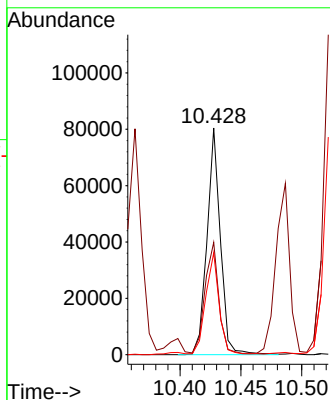
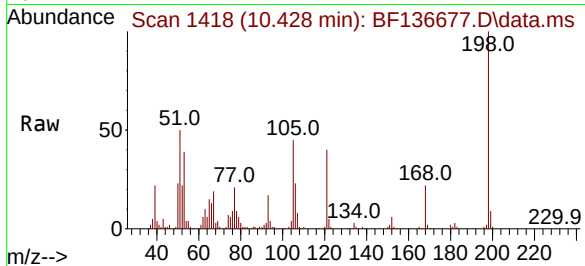




#65
4,6-Dinitro-2-methylphenol
Concen: 43.251 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

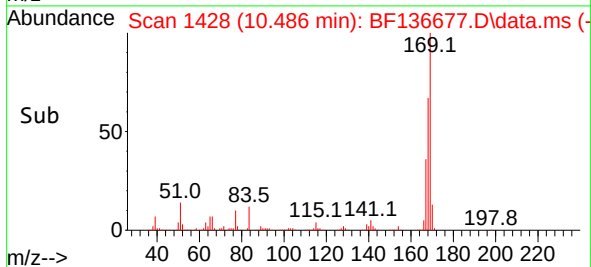
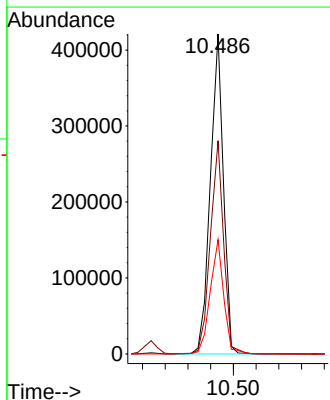
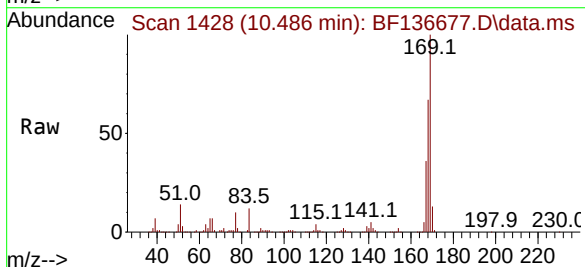
Instrument :
BNA_F
ClientSampleId :

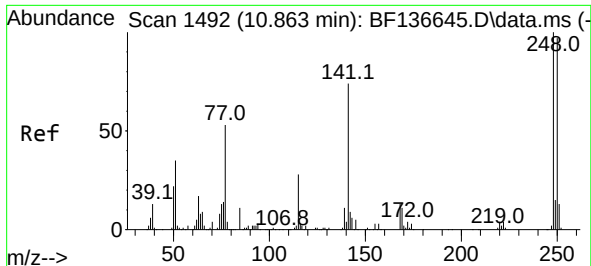
Tgt Ion:198 Resp: 61568
Ion Ratio Lower Upper
198 100
51 49.5 34.1 74.1
105 44.9 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.555 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion:169 Resp: 335300
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.6
167 35.8 28.7 43.1

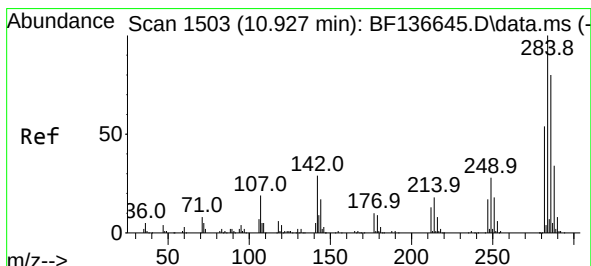
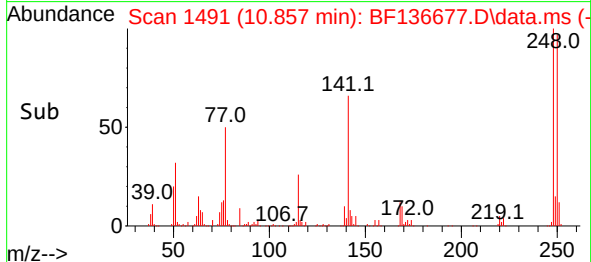
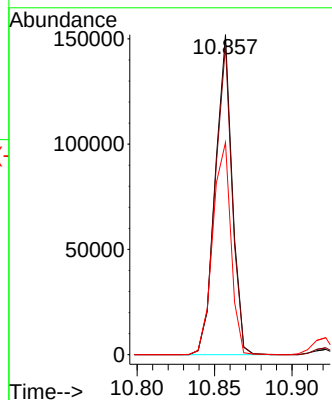
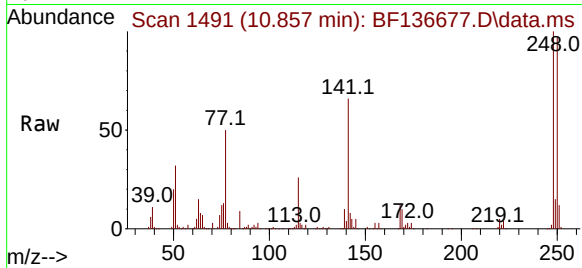




#67
4-Bromophenyl-phenylether
Concen: 41.867 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

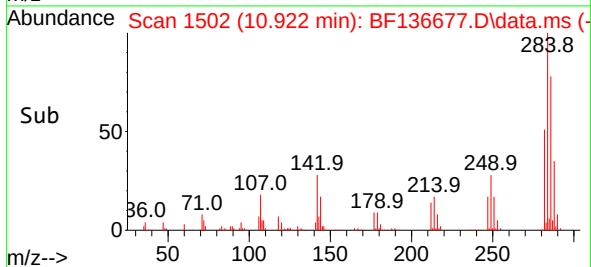
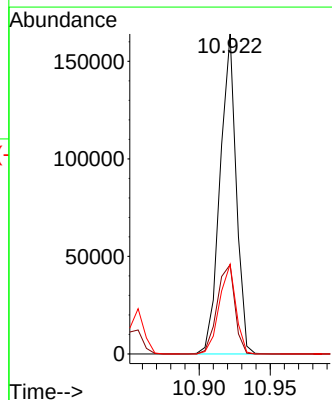
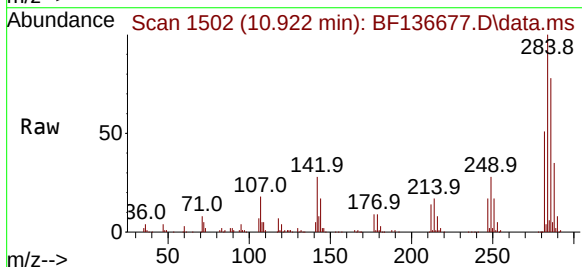
Instrument :
BNA_F
ClientSampleId :

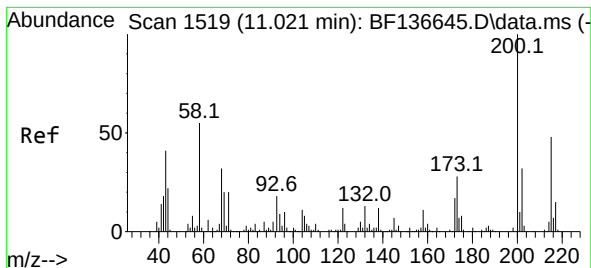
Tgt Ion:248 Resp: 115492
Ion Ratio Lower Upper
248 100
250 96.7 77.8 116.6
141 66.3 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.178 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion:284 Resp: 129660
Ion Ratio Lower Upper
284 100
142 27.9 23.4 35.0
249 28.0 22.3 33.5





#69

Atrazine

Concen: 35.527 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

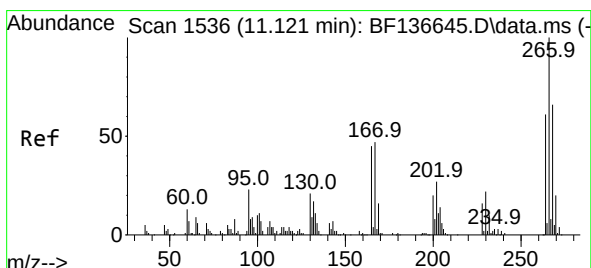
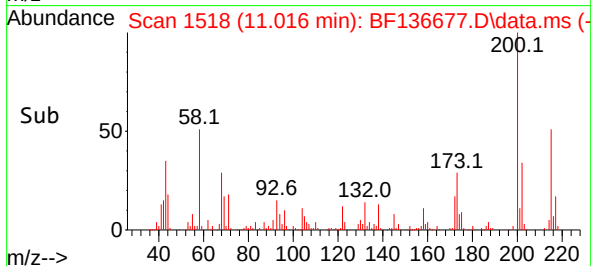
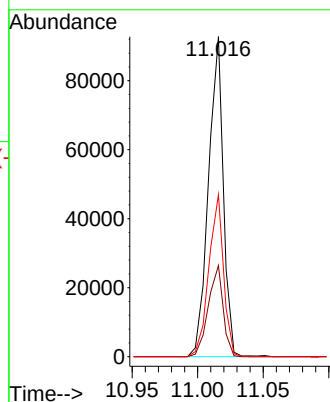
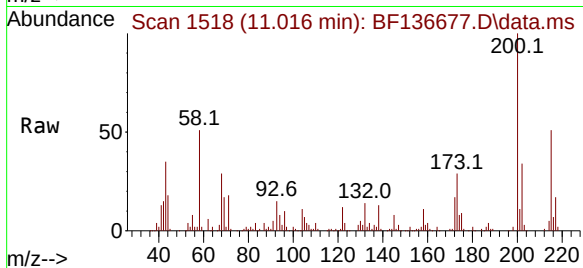
Tgt Ion:200 Resp: 73320

Ion Ratio Lower Upper

200 100

173 28.5 7.6 47.6

215 50.6 28.3 68.3



#70

Pentachlorophenol

Concen: 42.894 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

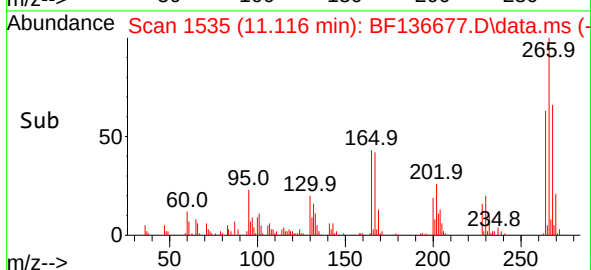
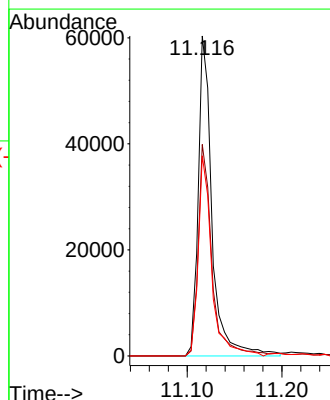
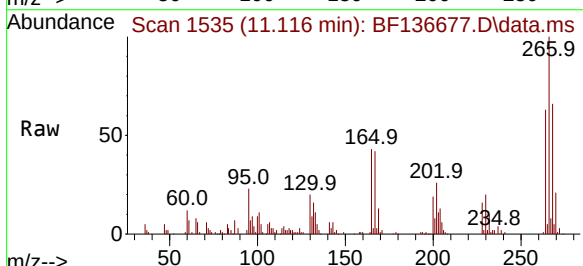
Tgt Ion:266 Resp: 61463

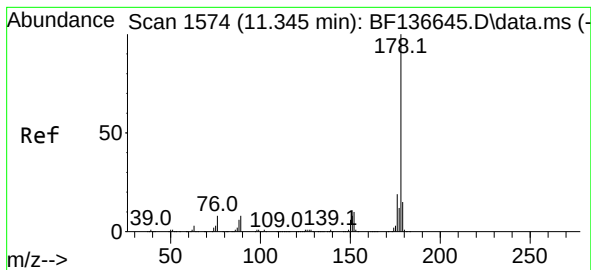
Ion Ratio Lower Upper

266 100

268 66.1 52.6 78.8

264 62.5 49.0 73.4





#71

Phenanthrene

Concen: 41.380 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

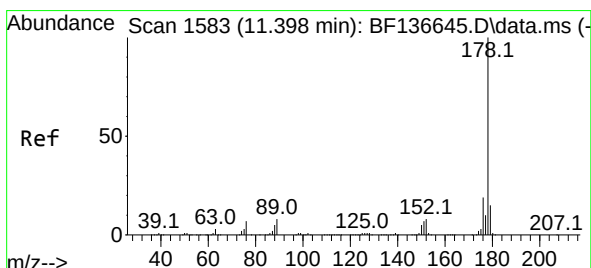
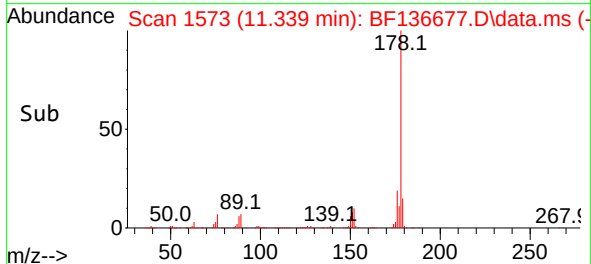
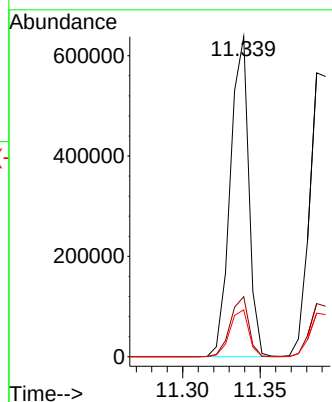
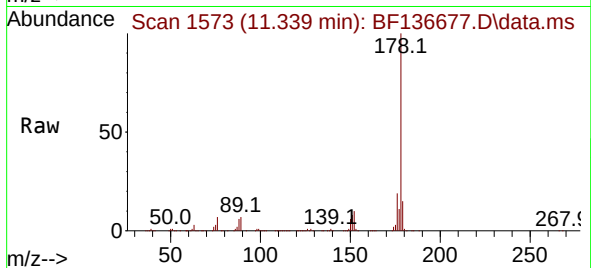
Tgt Ion:178 Resp: 527388

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 14.6 11.9 17.9



#72

Anthracene

Concen: 40.921 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

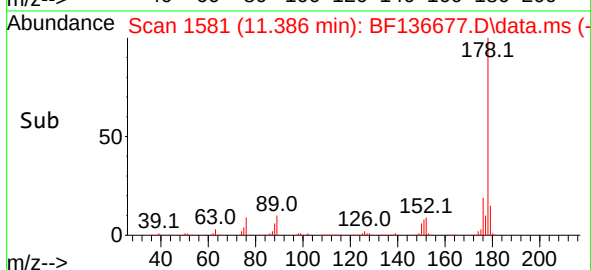
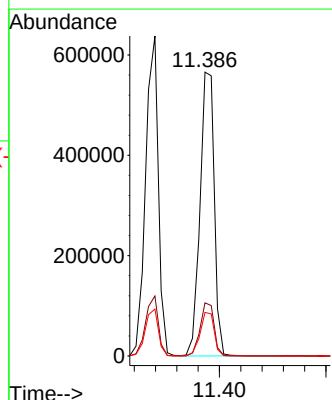
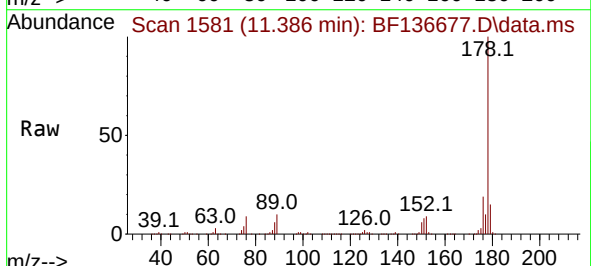
Tgt Ion:178 Resp: 528173

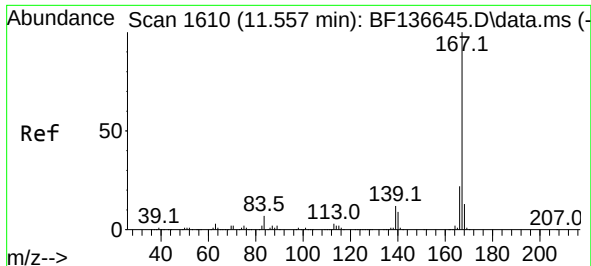
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

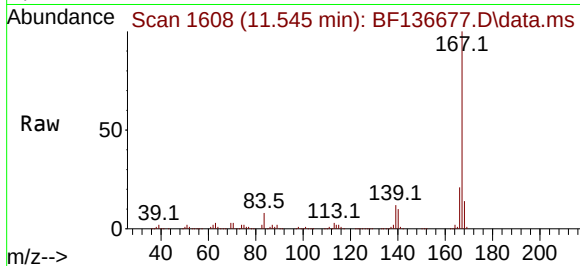
179 15.3 11.8 17.6



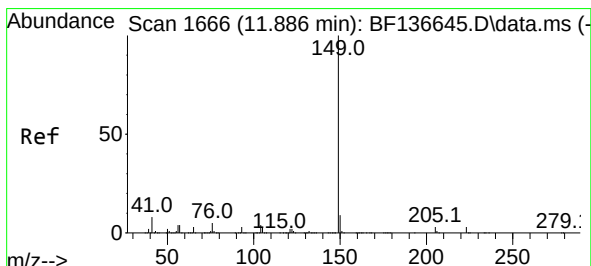
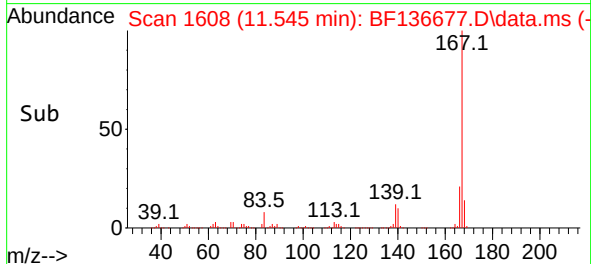
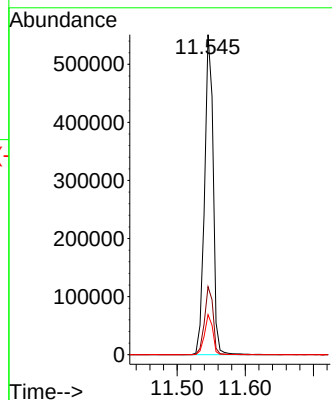


#73
Carbazole
Concen: 39.684 ng
RT: 11.545 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :

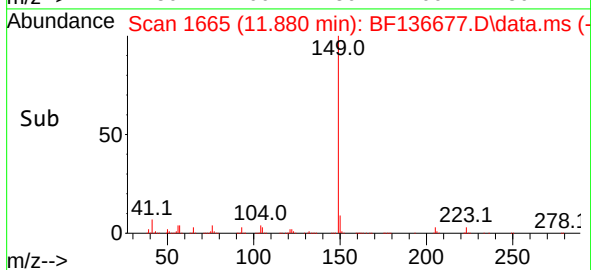
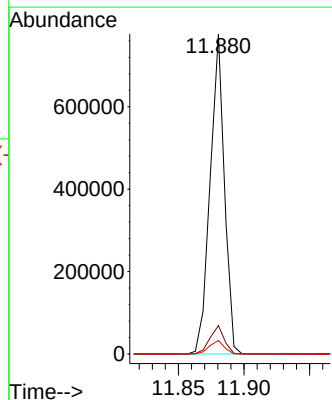
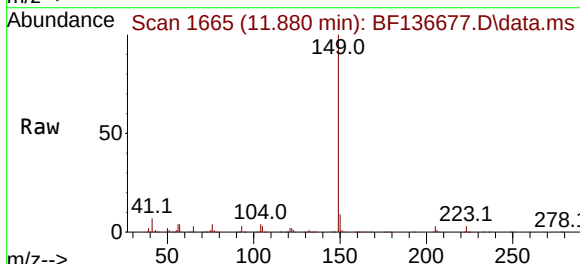


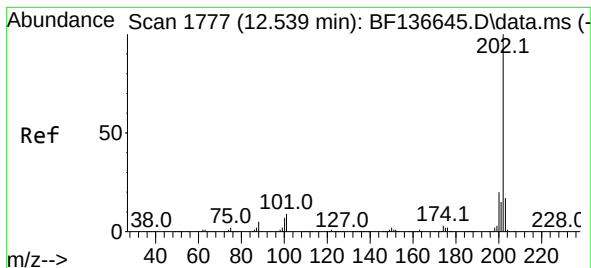
Tgt Ion:167 Resp: 482921
Ion Ratio Lower Upper
167 100
166 21.3 17.3 25.9
139 12.5 9.8 14.6



#74
Di-n-butylphthalate
Concen: 39.751 ng
RT: 11.880 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion:149 Resp: 590274
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 38.343 ng

RT: 12.528 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

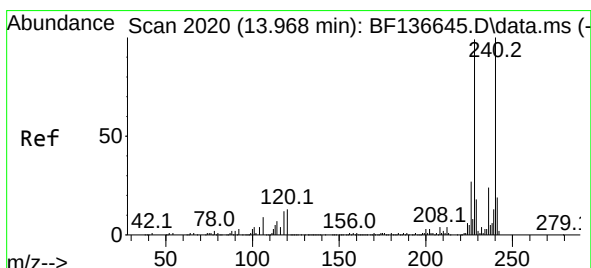
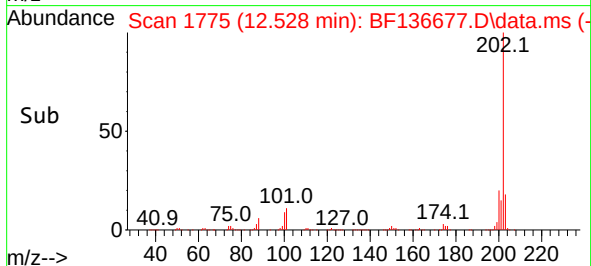
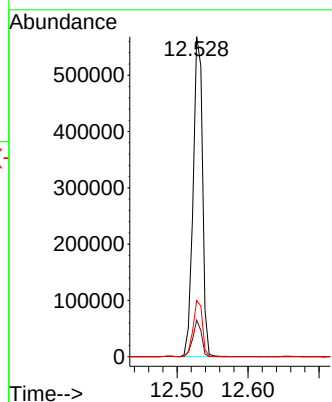
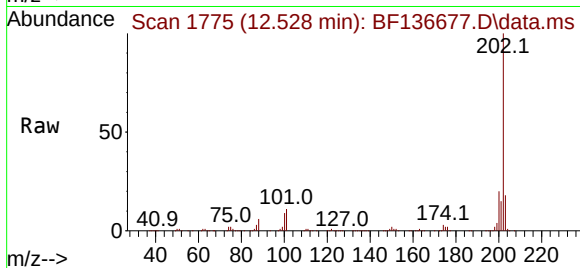
Tgt Ion:202 Resp: 522724

Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.3

203 17.5 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

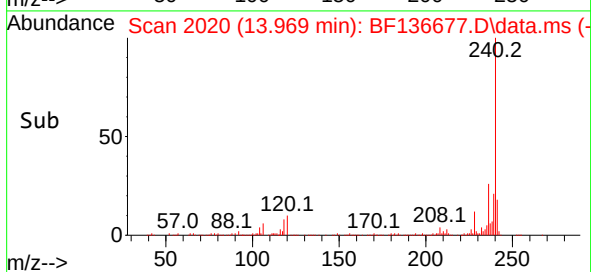
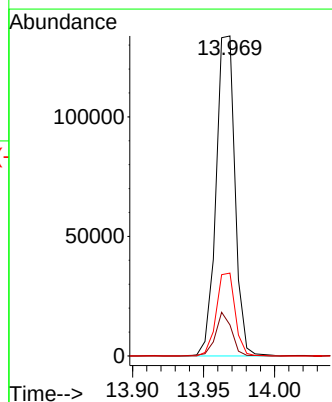
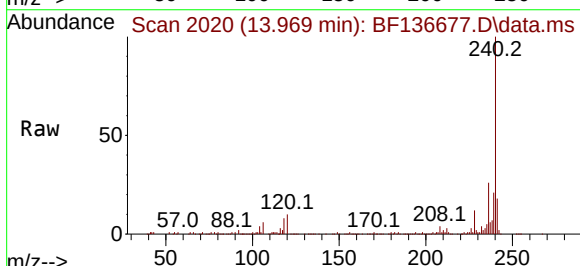
Tgt Ion:240 Resp: 123817

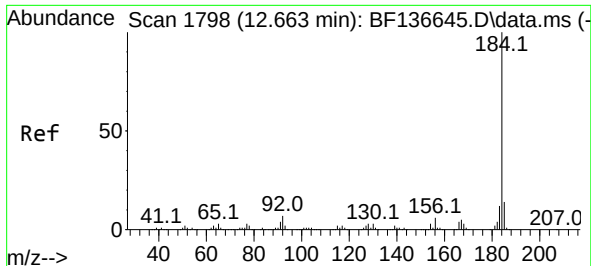
Ion Ratio Lower Upper

240 100

120 9.7 10.3 15.5#

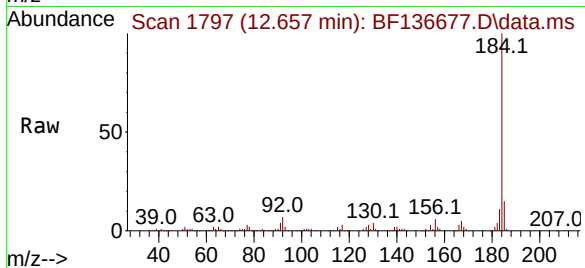
236 25.9 19.4 29.2



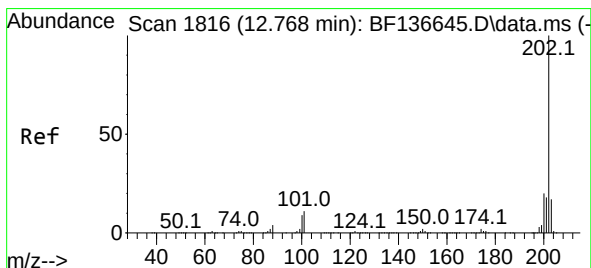
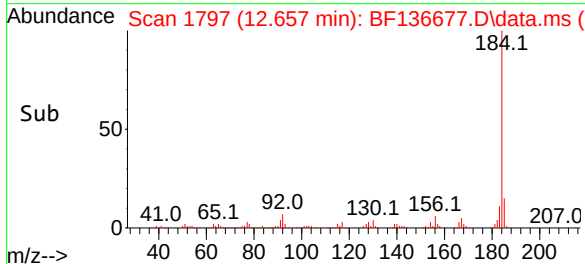
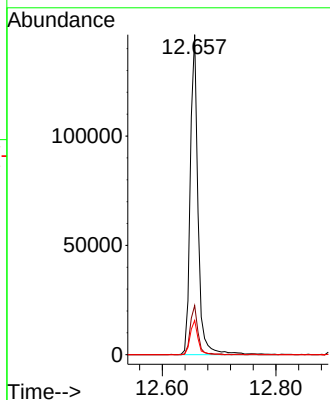


#77
Benzidine
Concen: 37.949 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :

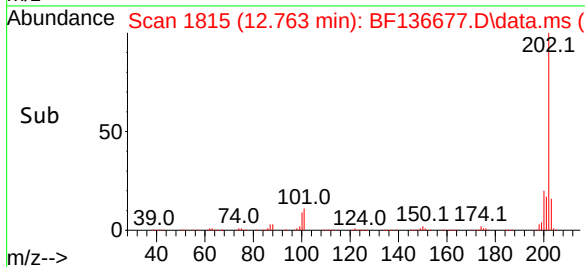
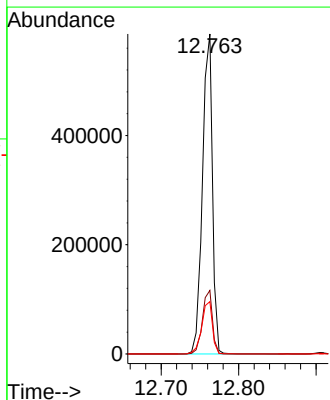
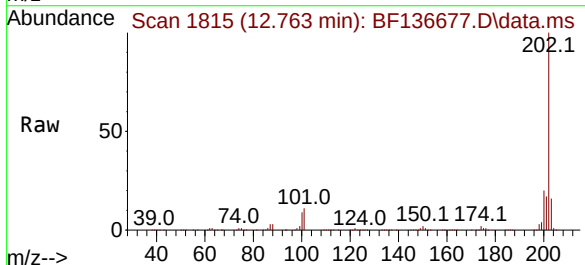


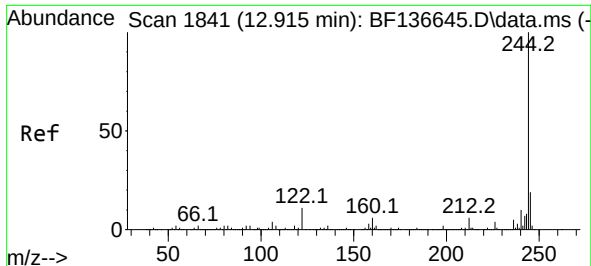
Tgt Ion:184 Resp: 138544
Ion Ratio Lower Upper
184 100
185 15.4 11.2 16.8
183 10.7 9.3 13.9



#78
Pyrene
Concen: 43.007 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

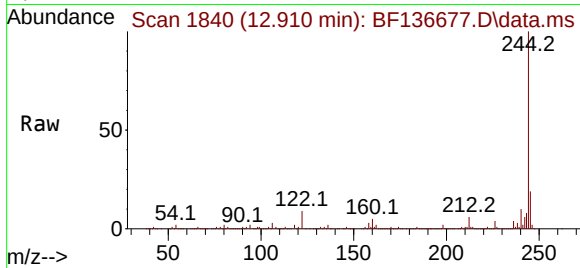
Tgt Ion:202 Resp: 522741
Ion Ratio Lower Upper
202 100
200 19.8 15.9 23.9
203 16.3 13.8 20.6



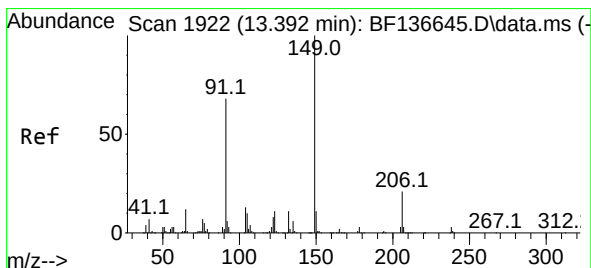
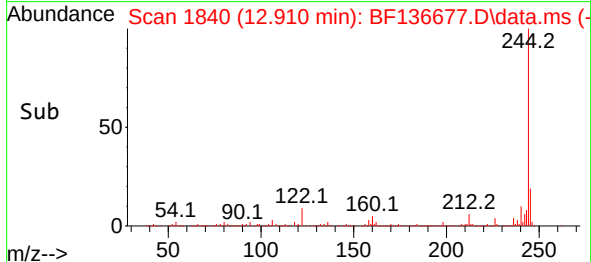
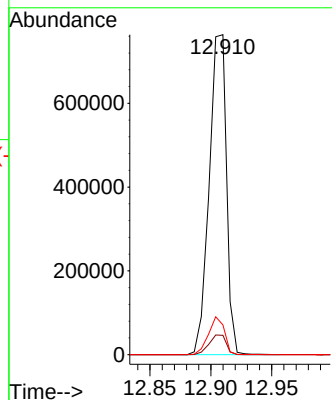


#79
 Terphenyl-d14
 Concen: 84.893 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136677.D
 Acq: 22 Dec 2023 10:03

Instrument :
 BNA_F
 ClientSampleId :

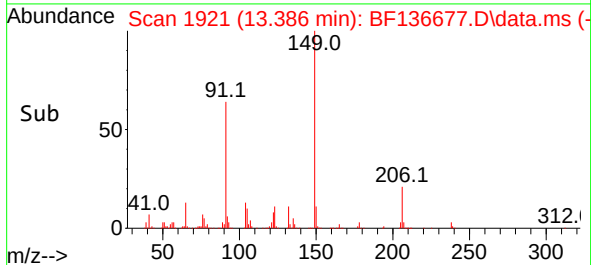
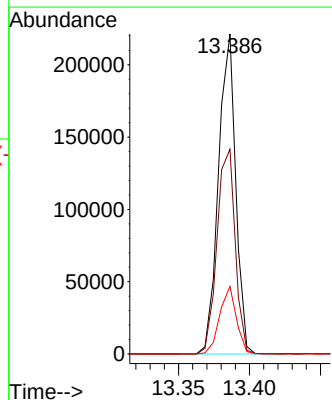
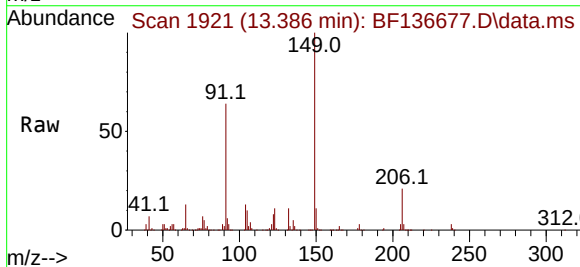


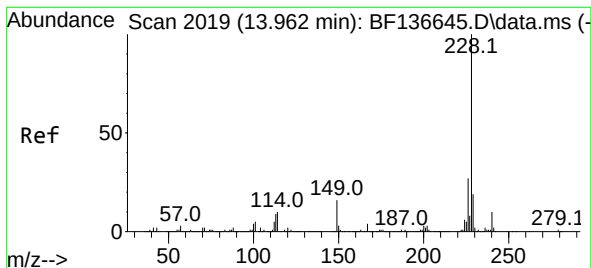
Tgt Ion:244 Resp: 752160
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 9.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 42.244 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136677.D
 Acq: 22 Dec 2023 10:03

Tgt Ion:149 Resp: 186834
 Ion Ratio Lower Upper
 149 100
 91 63.9 54.1 81.1
 206 21.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.142 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

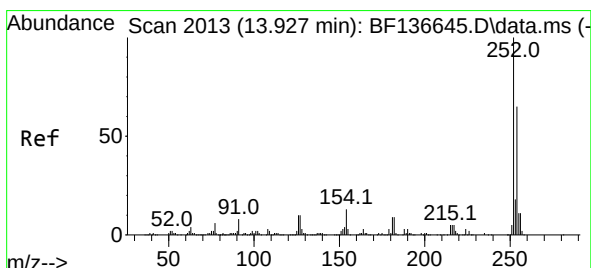
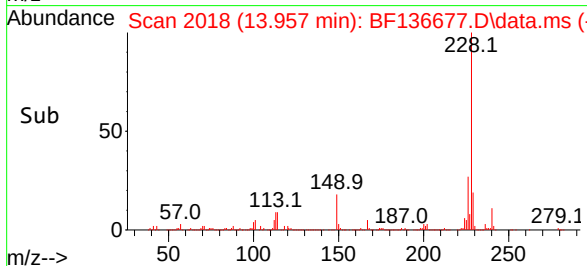
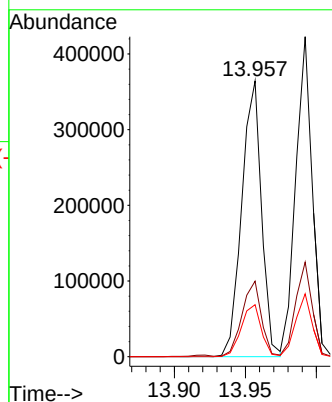
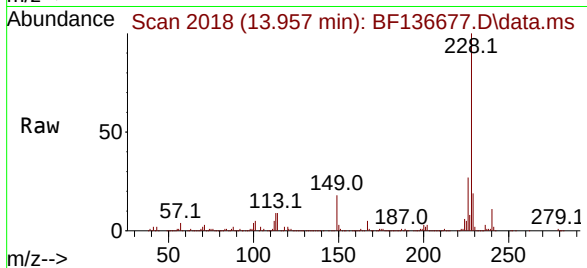
Tgt Ion:228 Resp: 353731

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

229 18.9 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 42.834 ng

RT: 13.922 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

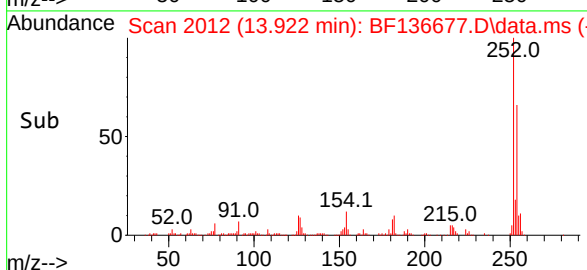
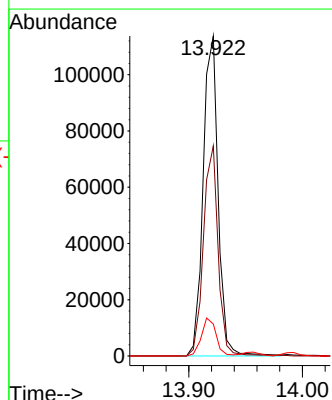
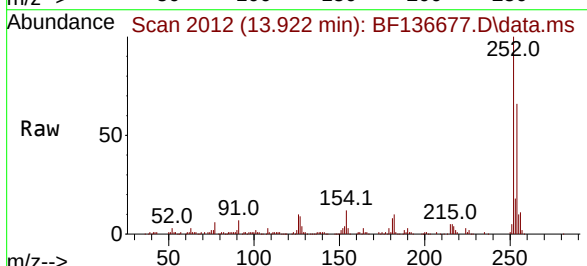
Tgt Ion:252 Resp: 104587

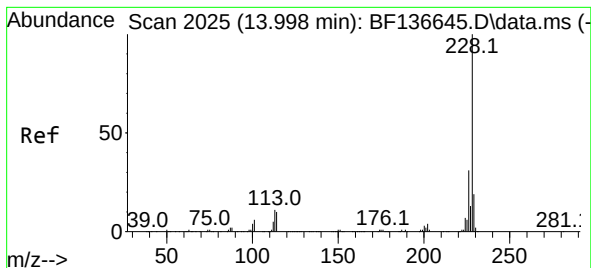
Ion Ratio Lower Upper

252 100

254 65.6 52.2 78.4

126 10.0 8.0 12.0





#83

Chrysene

Concen: 40.536 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

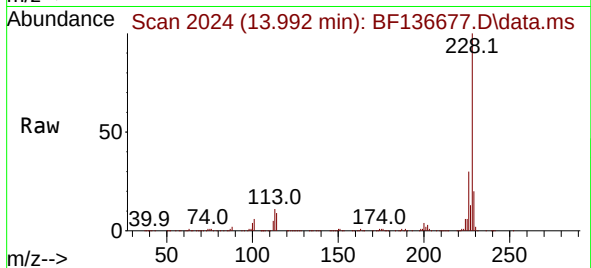
Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :



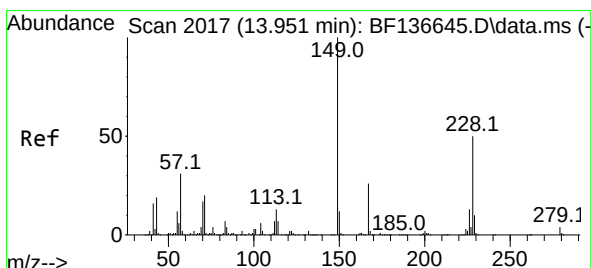
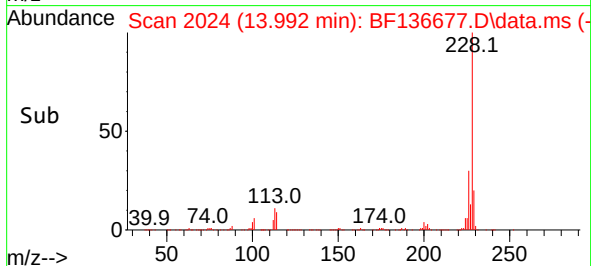
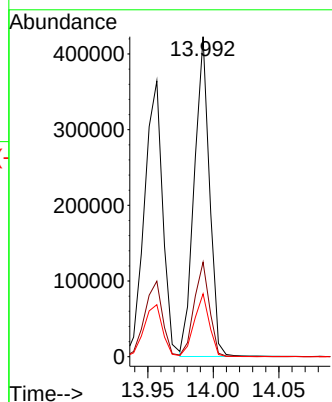
Tgt Ion:228 Resp: 340811

Ion Ratio Lower Upper

228 100

226 29.6 24.7 37.1

229 19.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.338 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

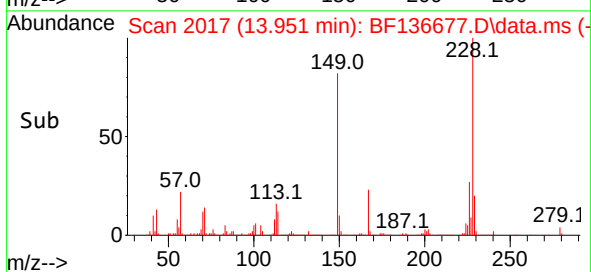
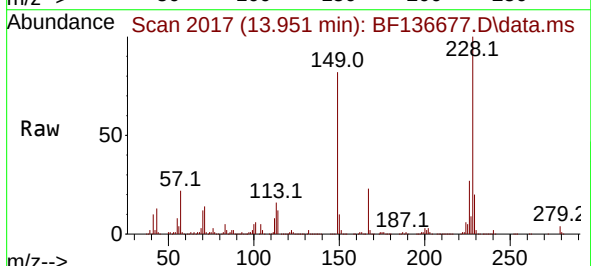
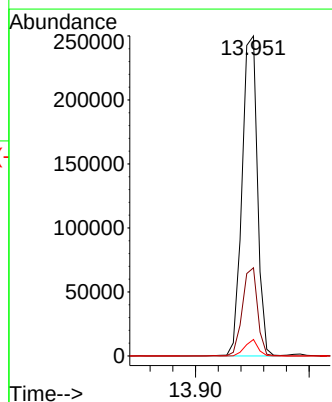
Tgt Ion:149 Resp: 235593

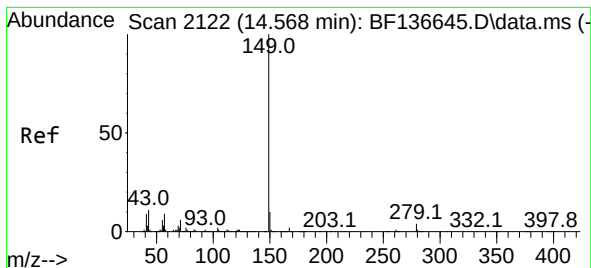
Ion Ratio Lower Upper

149 100

167 27.6 20.9 31.3

279 5.2 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 44.181 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

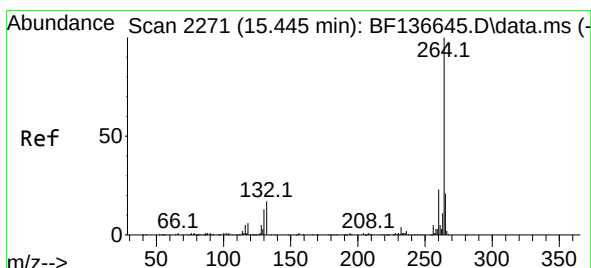
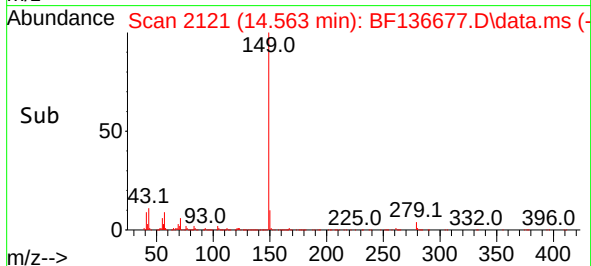
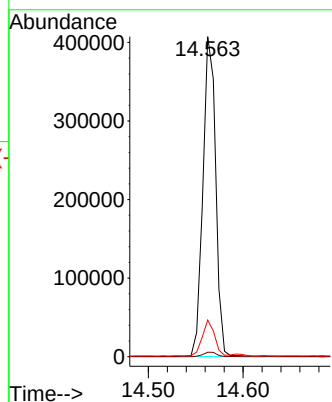
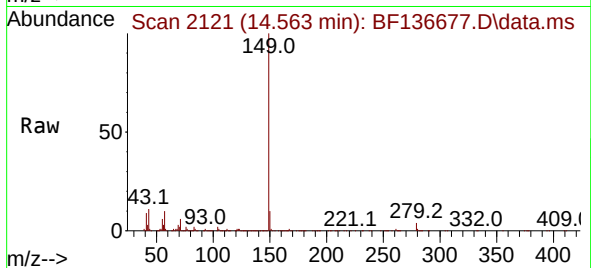
Tgt Ion:149 Resp: 380298

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

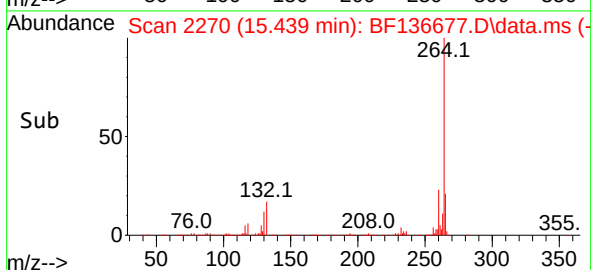
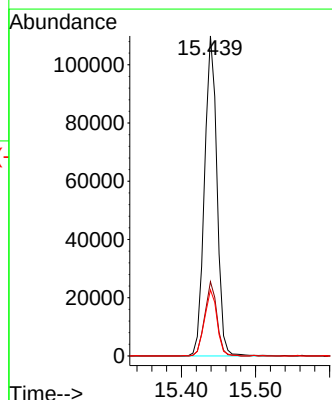
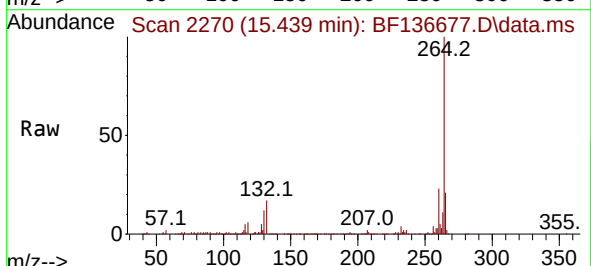
Tgt Ion:264 Resp: 128170

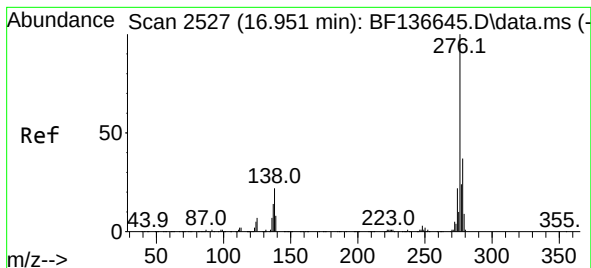
Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 20.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.532 ng

RT: 16.945 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

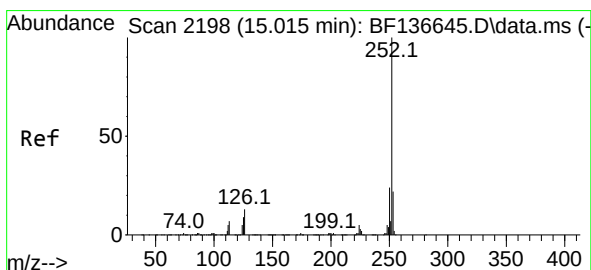
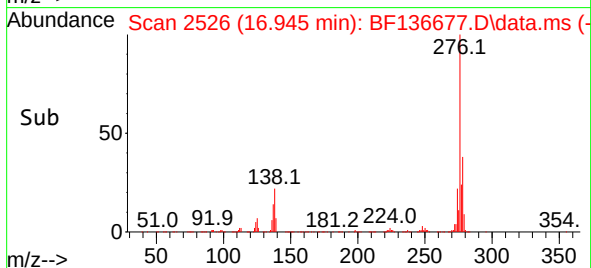
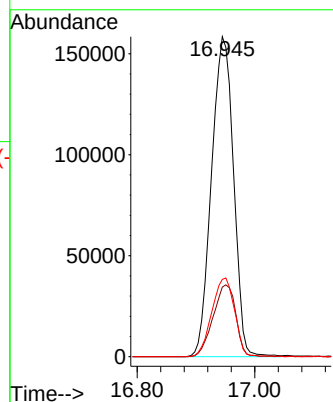
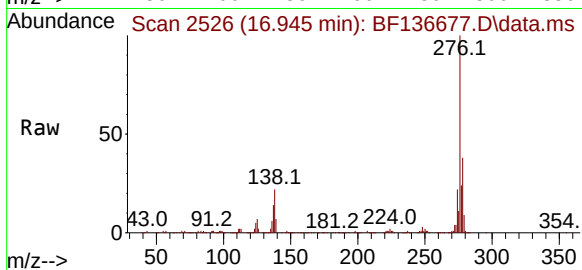
Tgt Ion:276 Resp: 412101

Ion Ratio Lower Upper

276 100

138 23.2 18.7 28.1

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 37.602 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

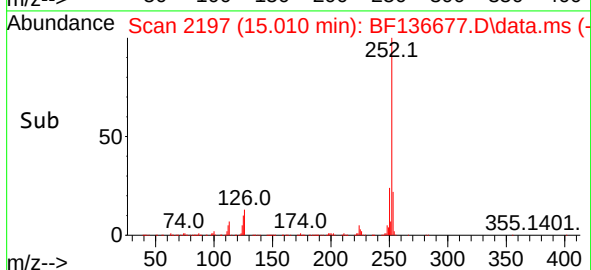
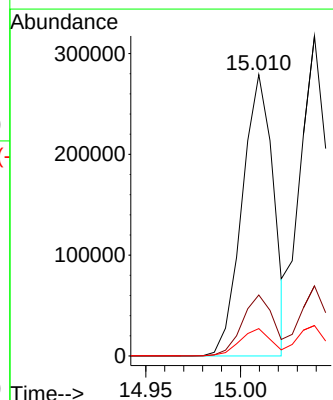
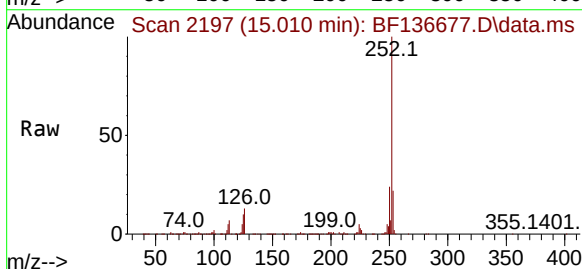
Tgt Ion:252 Resp: 321896

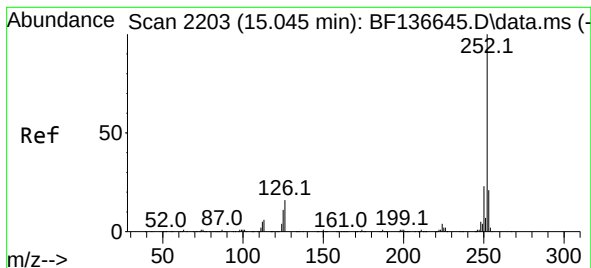
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 38.910 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

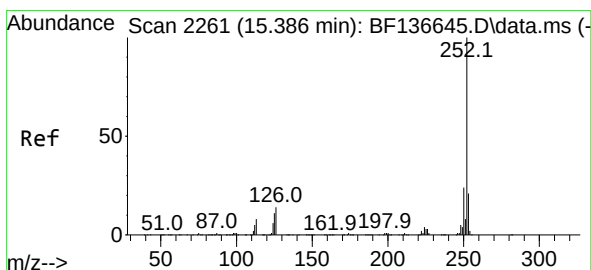
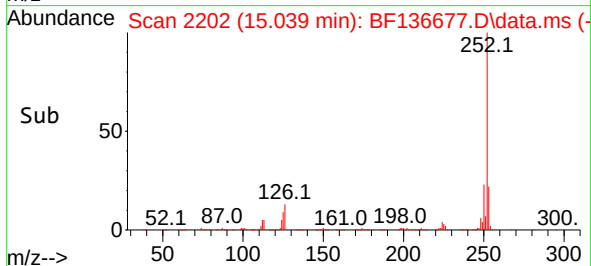
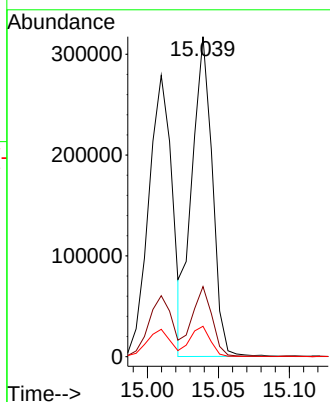
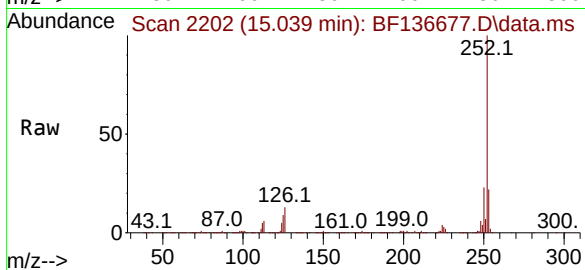
Tgt Ion:252 Resp: 314740

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 9.5 8.2 12.4



#90

Benzo(a)pyrene

Concen: 40.050 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136677.D

Acq: 22 Dec 2023 10:03

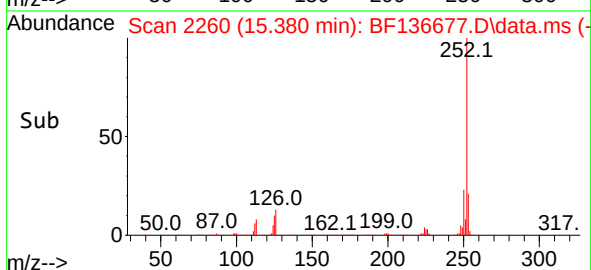
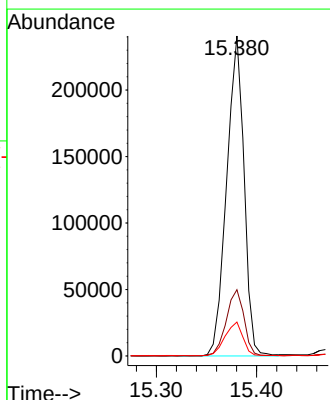
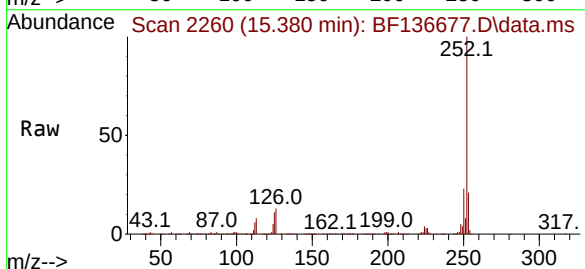
Tgt Ion:252 Resp: 289405

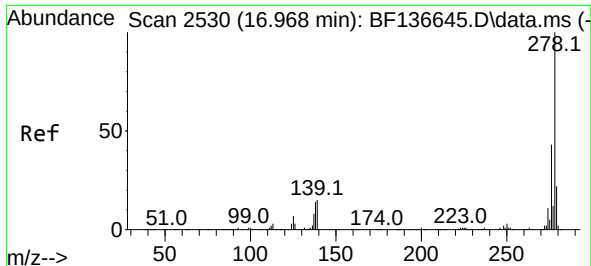
Ion Ratio Lower Upper

252 100

253 20.7 17.0 25.6

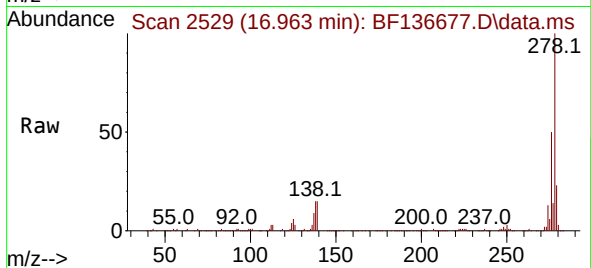
125 10.6 8.8 13.2



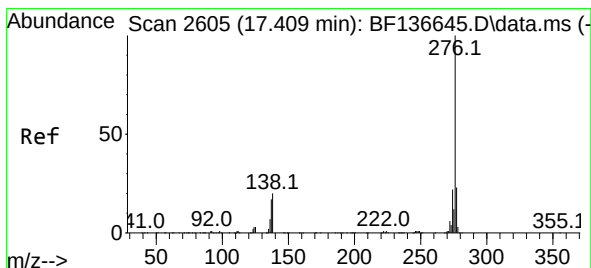
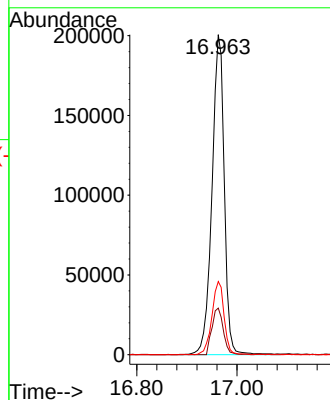
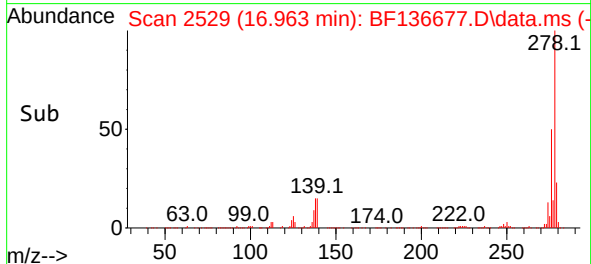


#91
Dibenzo(a,h)anthracene
Concen: 44.811 ng
RT: 16.963 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 340209
Ion Ratio Lower Upper
278 100
139 14.5 12.2 18.4
279 22.9 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 45.158 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF136677.D
Acq: 22 Dec 2023 10:03

Tgt Ion:276 Resp: 351144
Ion Ratio Lower Upper
276 100
277 22.8 18.3 27.5
138 19.5 15.6 23.4

