

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136468.D
 Acq On : 08 Dec 2023 15:33
 Operator : CG\JU
 Sample : PB157563BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157563BS

Quant Time: Dec 08 15:54:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	127313	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	539791	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	278004	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	521180	20.000	ng	0.00
76) Chrysene-d12	13.980	240	278275	20.000	ng	0.00
86) Perylene-d12	15.457	264	240299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1103432	127.998	ng	0.02
7) Phenol-d6	6.451	99	1356162	126.088	ng	0.00
23) Nitrobenzene-d5	7.363	82	832668	83.392	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	440118	128.396	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1657688	81.363	ng	0.00
79) Terphenyl-d14	12.922	244	1856193	87.918	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	130890	38.387	ng	99
3) Pyridine	3.416	79	288457	34.933	ng	97
4) n-Nitrosodimethylamine	3.387	42	165692	46.186	ng	# 94
6) Aniline	6.463	93	385902	35.502	ng	# 1
8) 2-Chlorophenol	6.587	128	435326	46.256	ng	99
9) Benzaldehyde	6.351	77	117651	18.909	ng	94
10) Phenol	6.463	94	496880	43.414	ng	81
11) bis(2-Chloroethyl)ether	6.540	93	393784	46.160	ng	98
12) 1,3-Dichlorobenzene	6.740	146	450075	42.524	ng	97
13) 1,4-Dichlorobenzene	6.816	146	457362	42.599	ng	100
14) 1,2-Dichlorobenzene	6.963	146	433730	42.960	ng	99
15) Benzyl Alcohol	6.945	79	333103	46.249	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	476429	43.422	ng	92
17) 2-Methylphenol	7.063	107	348808	45.876	ng	# 93
18) Hexachloroethane	7.304	117	160811	42.901	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	272949	43.992	ng	99
20) 3+4-Methylphenols	7.216	107	416770	44.161	ng	# 80
22) Acetophenone	7.210	105	582824	43.724	ng	97
24) Nitrobenzene	7.381	77	413873	41.203	ng	100
25) Isophorone	7.622	82	771374	43.000	ng	97
26) 2-Nitrophenol	7.692	139	223682	45.297	ng	99
27) 2,4-Dimethylphenol	7.740	122	370923	60.917	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	481827	43.710	ng	98
29) 2,4-Dichlorophenol	7.940	162	357190	44.442	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	395401	42.191	ng	99
31) Naphthalene	8.098	128	1251403	42.040	ng	100
32) Benzoic acid	7.881	122	275809	45.661	ng	100
33) 4-Chloroaniline	8.151	127	366968	34.579	ng	99
34) Hexachlorobutadiene	8.210	225	223218	40.189	ng	99
35) Caprolactam	8.528	113	63473	25.645	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	379855	44.512	ng	98
37) 2-Methylnaphthalene	8.792	142	804935	42.504	ng	95
38) 1-Methylnaphthalene	8.887	142	747857	40.244	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	389401	45.022	ng	98
41) Hexachlorocyclopentadiene	8.939	237	388921	121.376	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	253431	45.001	ng	98

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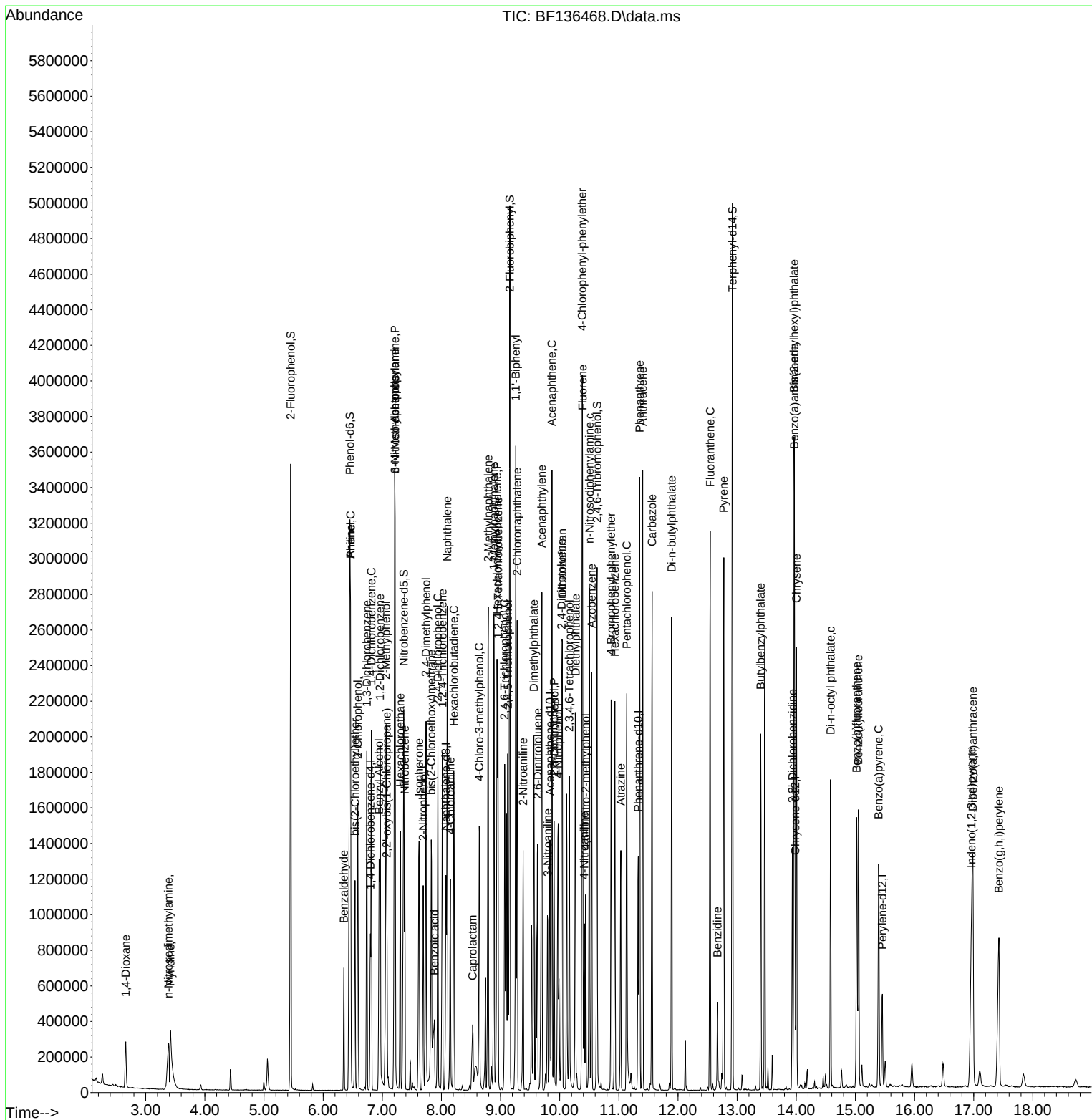
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	272930	43.422	ng	95
46) 1,1'-Biphenyl	9.257	154	1026152	43.379	ng	99
47) 2-Chloronaphthalene	9.281	162	774814	42.083	ng	98
48) 2-Nitroaniline	9.381	65	226087	45.785	ng	96
49) Acenaphthylene	9.698	152	1161557	44.288	ng	99
50) Dimethylphthalate	9.563	163	910815	44.500	ng	99
51) 2,6-Dinitrotoluene	9.628	165	201763	43.817	ng	93
52) Acenaphthene	9.869	154	731502	43.524	ng	99
53) 3-Nitroaniline	9.798	138	177877	37.829	ng	97
54) 2,4-Dinitrophenol	9.904	184	220275	94.616	ng #	89
55) Dibenzofuran	10.045	168	1065758	43.407	ng	98
56) 4-Nitrophenol	9.975	139	315504	89.506	ng	90
57) 2,4-Dinitrotoluene	10.034	165	266110	43.686	ng	97
58) Fluorene	10.386	166	842445	42.744	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	236466	46.967	ng	100
60) Diethylphthalate	10.269	149	880481	43.747	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	408428	42.509	ng	94
62) 4-Nitroaniline	10.416	138	206574	44.244	ng	94
63) Azobenzene	10.539	77	785900	42.900	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	156148	48.377	ng	98
66) n-Nitrosodiphenylamine	10.504	169	754987	45.145	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	266219	43.934	ng	94
68) Hexachlorobenzene	10.933	284	302104	43.136	ng	96
69) Atrazine	11.033	200	172934	36.230	ng	99
70) Pentachlorophenol	11.133	266	315318	79.774	ng	98
71) Phenanthrene	11.351	178	1295850	45.236	ng	99
72) Anthracene	11.404	178	1292043	44.780	ng	99
73) Carbazole	11.563	167	1118213	43.788	ng	99
74) Di-n-butylphthalate	11.892	149	1360604	43.461	ng	99
75) Fluoranthene	12.545	202	1268118	42.243	ng	99
77) Benzidine	12.669	184	193977	33.985	ng	98
78) Pyrene	12.775	202	1246810	45.749	ng	99
80) Butylbenzylphthalate	13.398	149	454760	46.875	ng	92
81) Benzo(a)anthracene	13.969	228	861440	44.442	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	276244	50.829	ng	100
83) Chrysene	14.004	228	828881	43.463	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	558543	46.963	ng	100
85) Di-n-octyl phthalate	14.580	149	834061	47.477	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	895825	53.661	ng	99
88) Benzo(b)fluoranthene	15.021	252	791415	48.169	ng	99
89) Benzo(k)fluoranthene	15.051	252	694811	44.874	ng	99
90) Benzo(a)pyrene	15.392	252	656875	48.412	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	752886	55.050	ng	99
92) Benzo(g,h,i)perylene	17.427	276	750066	53.433	ng	99

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

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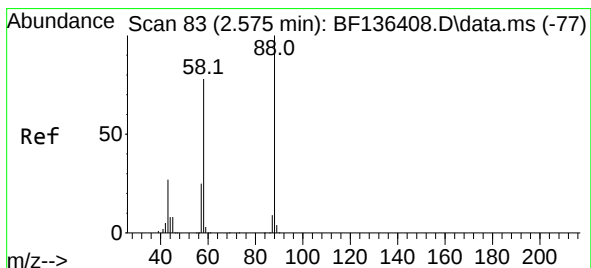
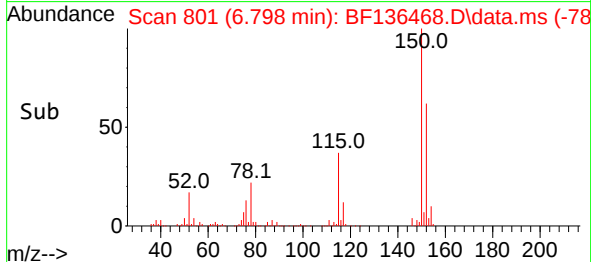
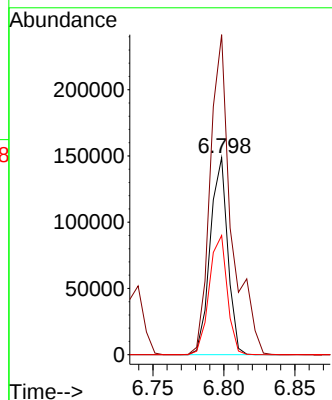
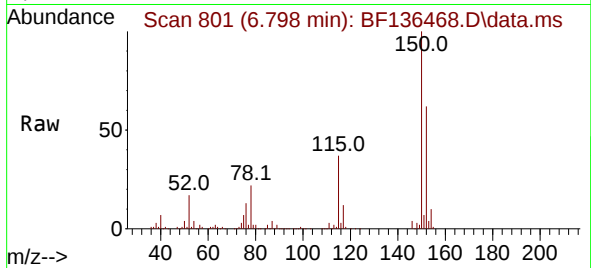




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136468.D
 Acq: 08 Dec 2023 15:33

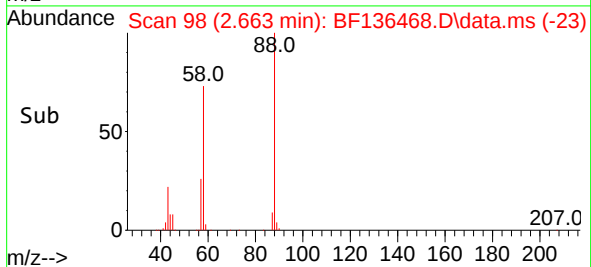
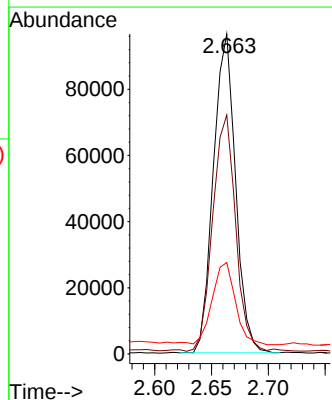
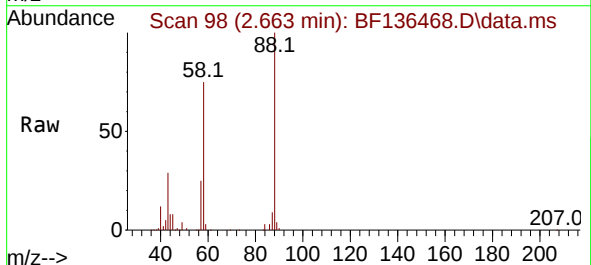
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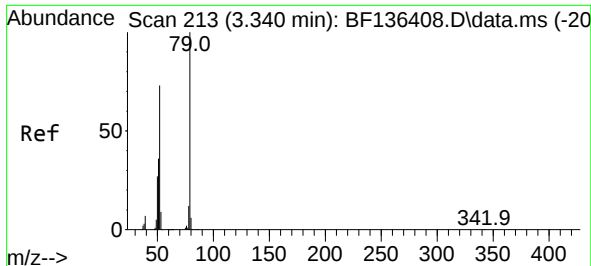
Tgt Ion:152 Resp: 127313
 Ion Ratio Lower Upper
 152 100
 150 162.5 126.4 189.6
 115 60.5 48.2 72.4



#2
 1,4-Dioxane
 Concen: 38.387 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.088 min
 Lab File: BF136468.D
 Acq: 08 Dec 2023 15:33

Tgt Ion: 88 Resp: 130890
 Ion Ratio Lower Upper
 88 100
 58 76.7 62.2 93.2
 43 26.8 21.5 32.3





#3

Pyridine

Concen: 34.933 ng

RT: 3.416 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

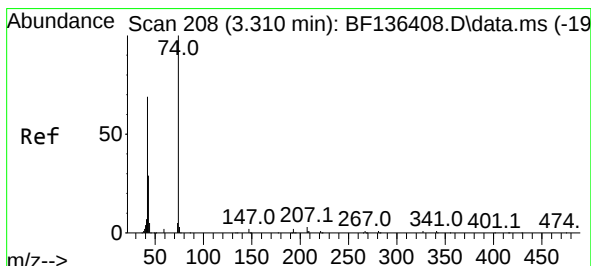
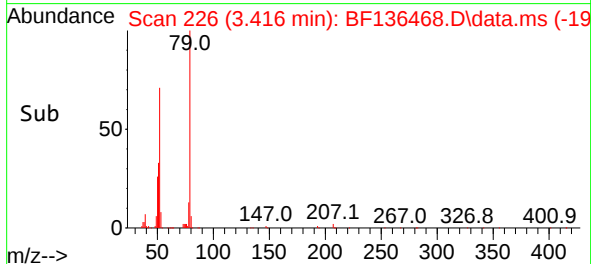
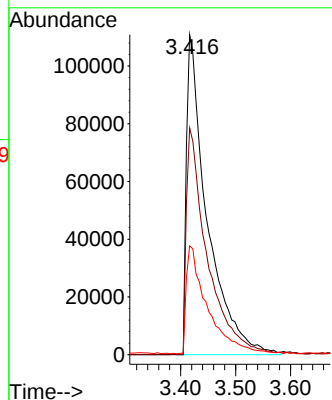
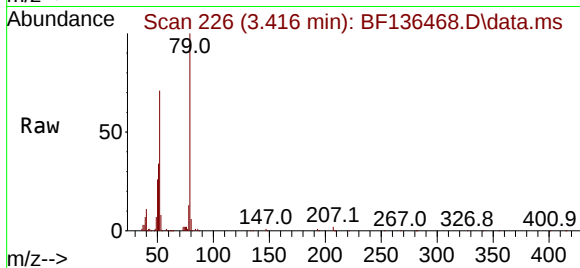
Tgt Ion: 79 Resp: 288457

Ion Ratio Lower Upper

79 100

52 70.8 58.2 87.2

51 34.0 29.1 43.7



#4

n-Nitrosodimethylamine

Concen: 46.186 ng

RT: 3.387 min Scan# 221

Delta R.T. 0.077 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

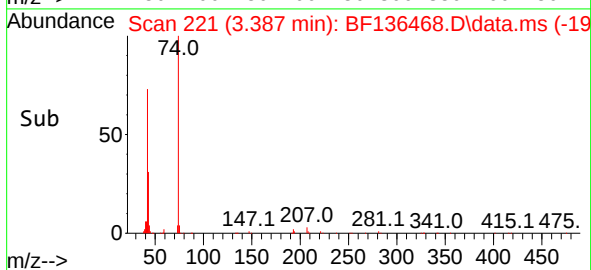
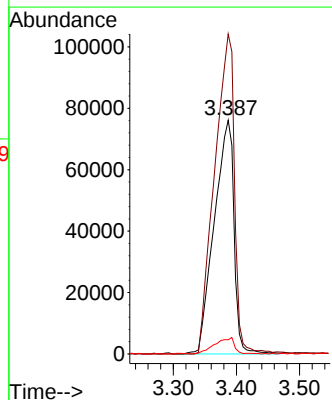
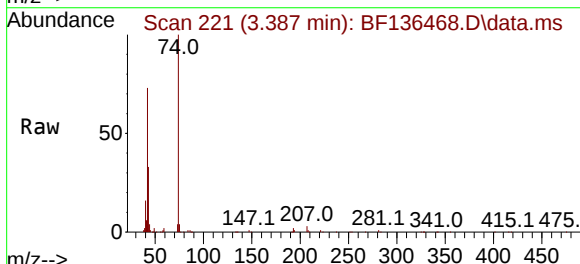
Tgt Ion: 42 Resp: 165692

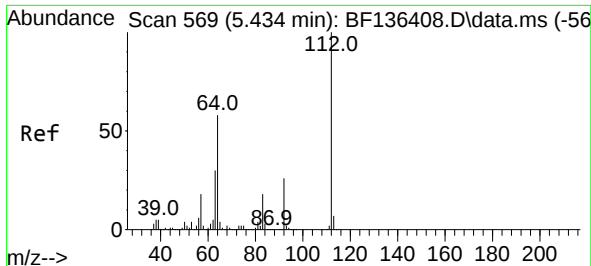
Ion Ratio Lower Upper

42 100

74 136.9 115.4 173.0

44 6.1 6.2 9.2#

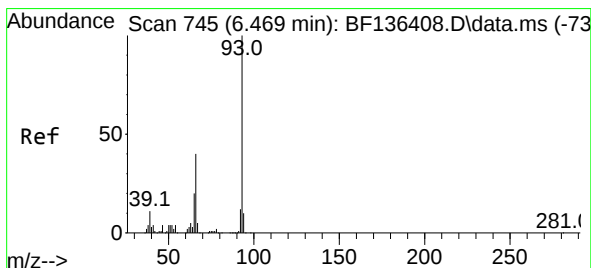
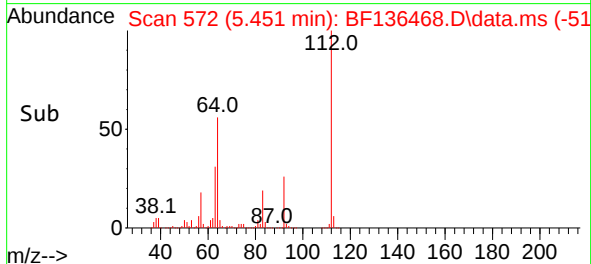
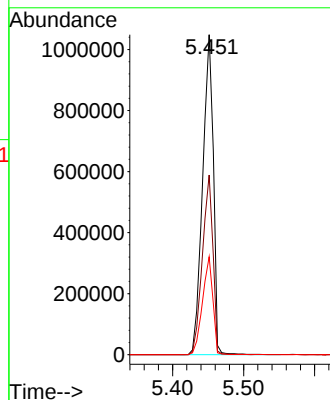
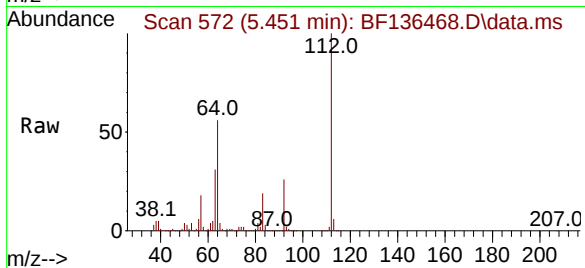




#5
2-Fluorophenol
Concen: 127.998 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

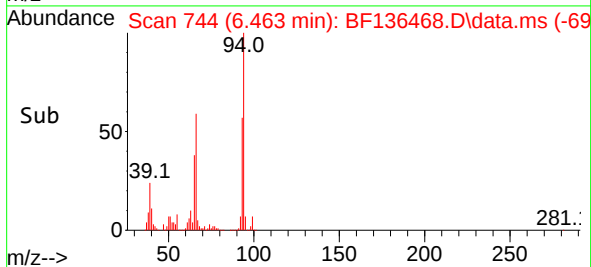
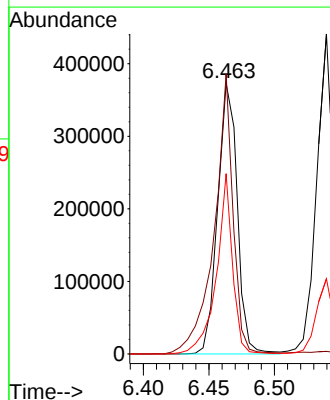
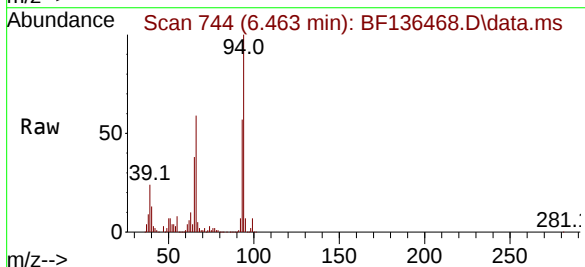
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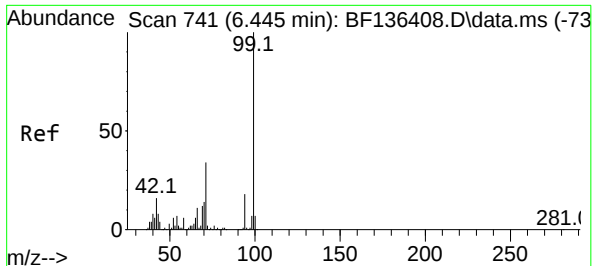
Tgt Ion:112 Resp: 1103432
Ion Ratio Lower Upper
112 100
64 56.1 46.5 69.7
63 30.6 23.9 35.9



#6
Aniline
Concen: 35.502 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion: 93 Resp: 385902
Ion Ratio Lower Upper
93 100
66 103.4 32.5 48.7#
65 66.6 16.4 24.6#

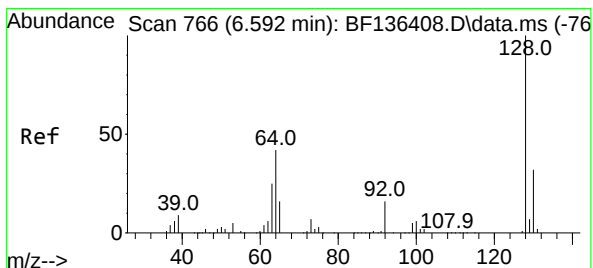
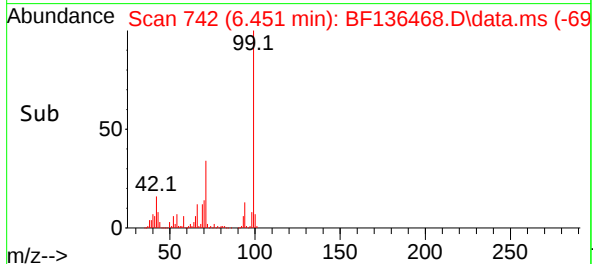
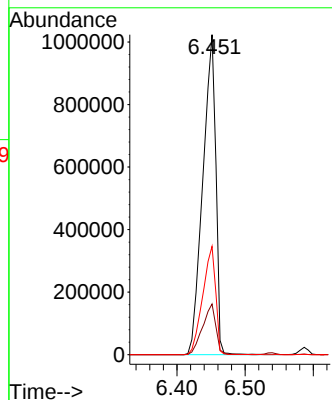
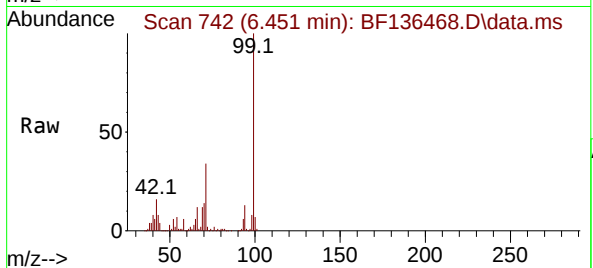




#7
Phenol-d6
Concen: 126.088 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

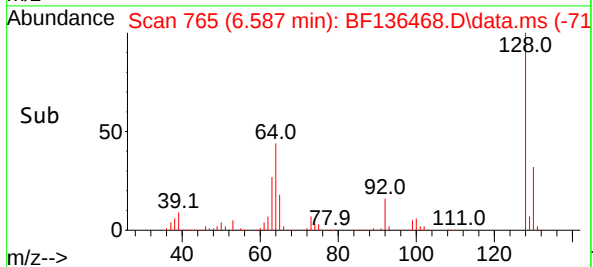
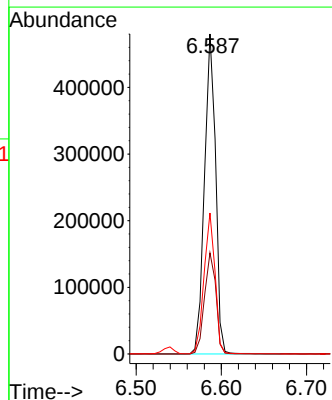
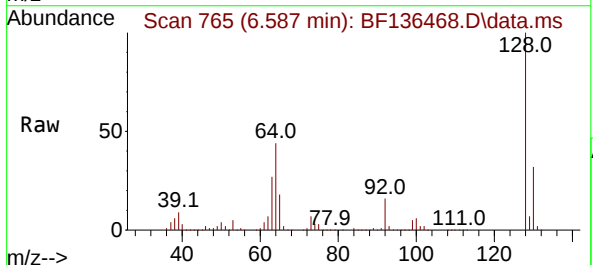
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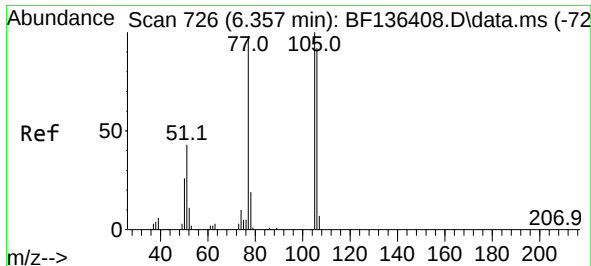
Tgt Ion: 99 Resp: 1356162
Ion Ratio Lower Upper
99 100
42 15.8 12.8 19.2
71 33.9 27.0 40.4



#8
2-Chlorophenol
Concen: 46.256 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:128 Resp: 435326
Ion Ratio Lower Upper
128 100
130 31.6 11.7 51.7
64 44.0 22.5 62.5

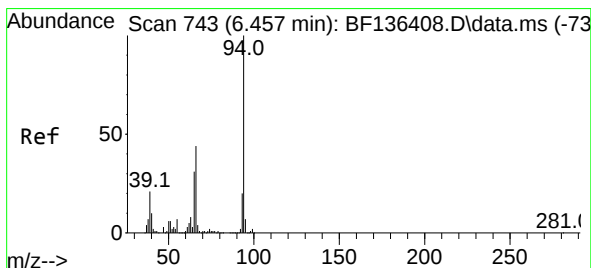
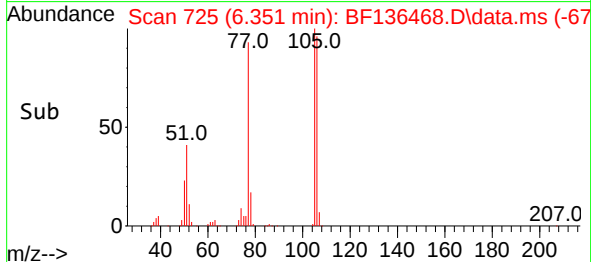
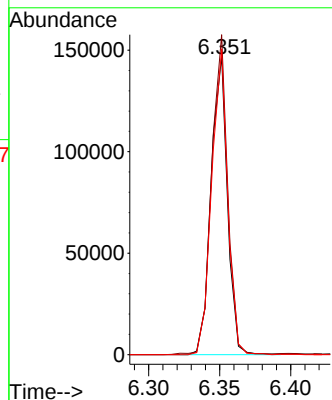
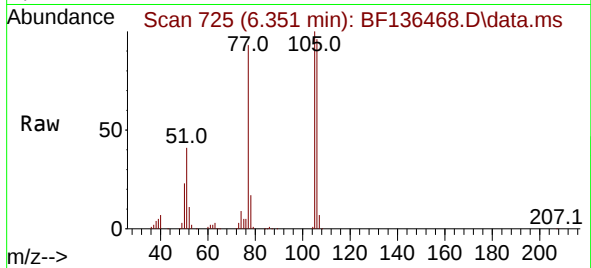




#9
Benzaldehyde
Concen: 18.909 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

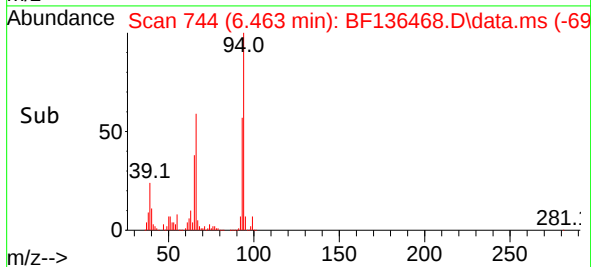
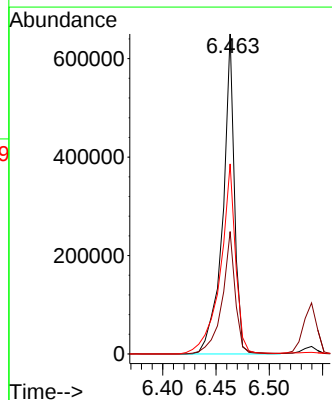
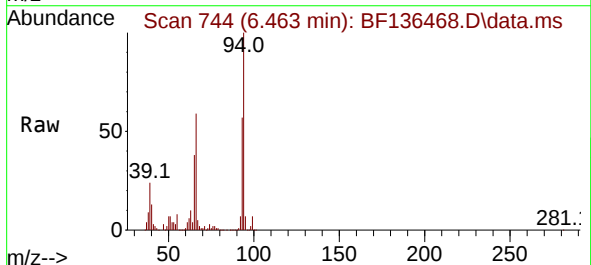
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Tgt Ion: 77 Resp: 117651
Ion Ratio Lower Upper
77 100
105 107.3 82.5 122.5
106 102.6 74.5 114.5



#10
Phenol
Concen: 43.414 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion: 94 Resp: 496880
Ion Ratio Lower Upper
94 100
65 38.2 11.2 51.2
66 59.4 24.2 64.2

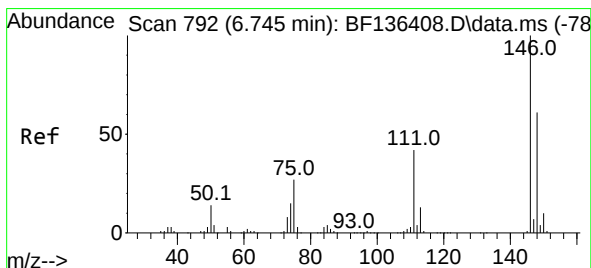
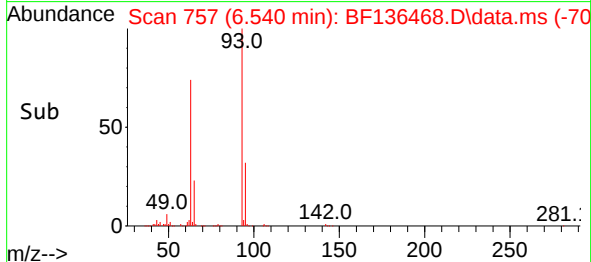
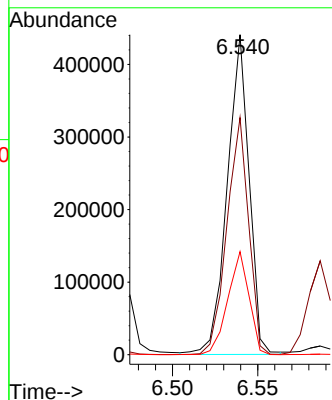
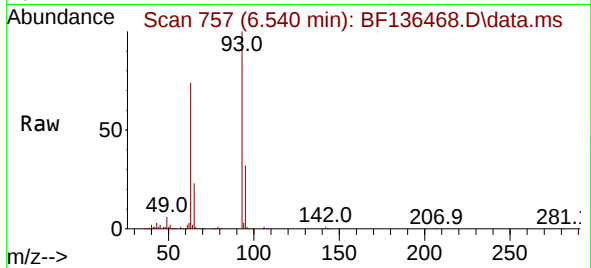




#11
bis(2-Chloroethyl)ether
Concen: 46.160 ng
RT: 6.540 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

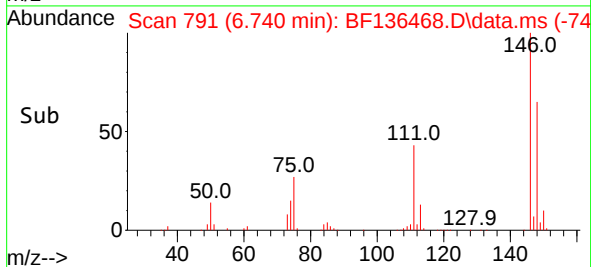
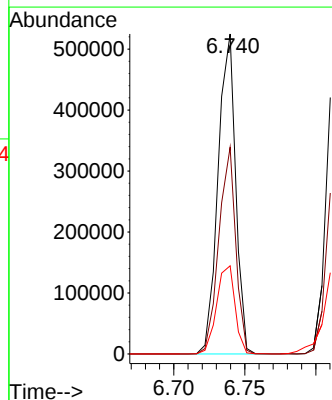
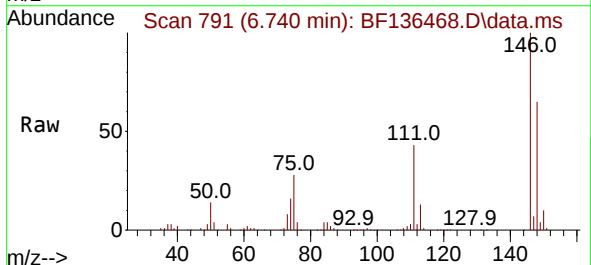
Instrument :
BNA_F
ClientSampleId :
PB157563BS

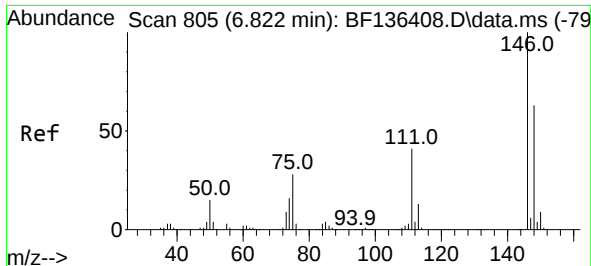
Tgt Ion: 93 Resp: 393784
Ion Ratio Lower Upper
93 100
63 74.1 56.8 96.8
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.524 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:146 Resp: 450075
Ion Ratio Lower Upper
146 100
148 64.6 49.0 73.6
75 27.6 21.8 32.6

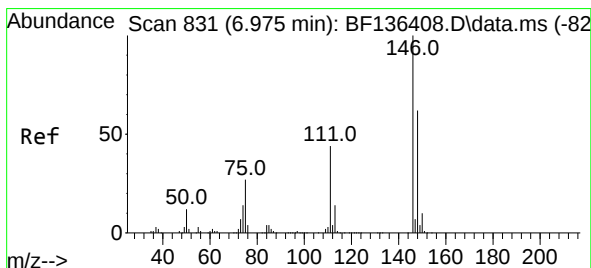
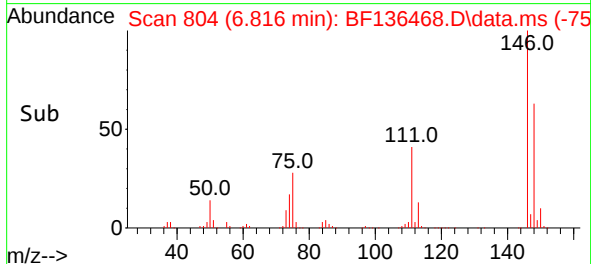
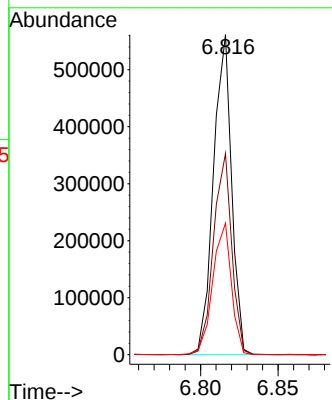
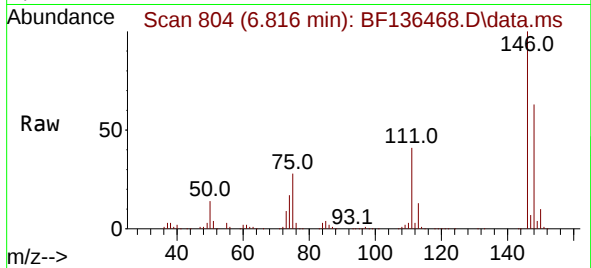




#13
1,4-Dichlorobenzene
Concen: 42.599 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

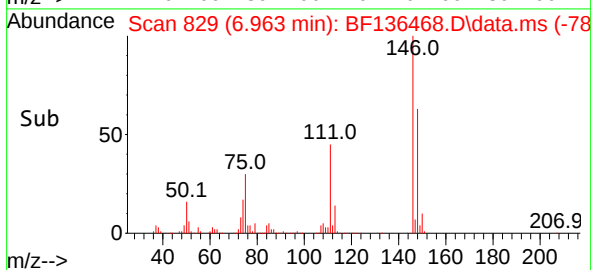
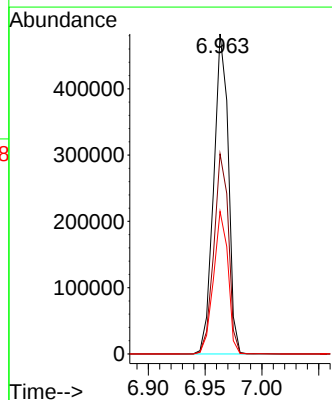
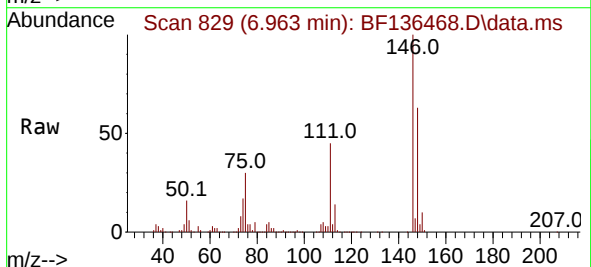
Instrument :
BNA_F
ClientSampleId :
PB157563BS

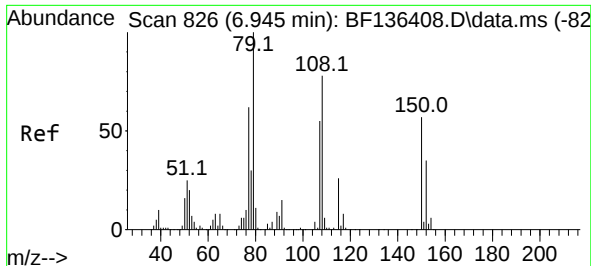
Tgt Ion:146 Resp: 457362
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
111 41.1 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 42.960 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.012 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:146 Resp: 433730
Ion Ratio Lower Upper
146 100
148 62.5 49.8 74.6
111 44.5 34.9 52.3

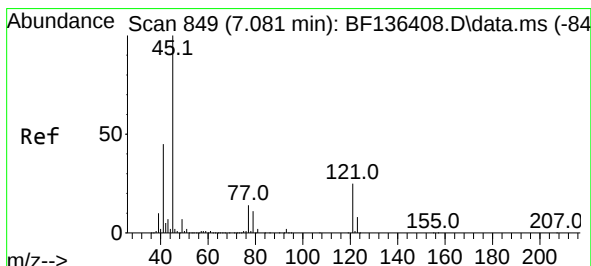
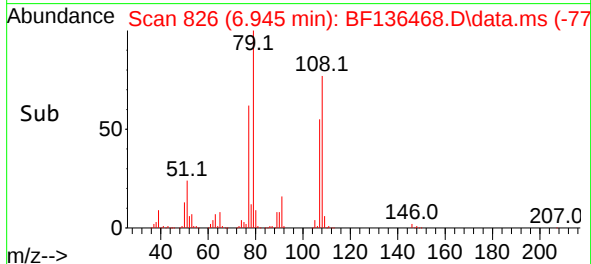
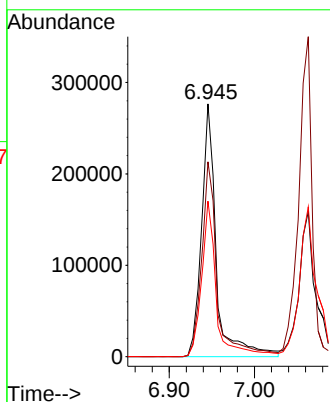
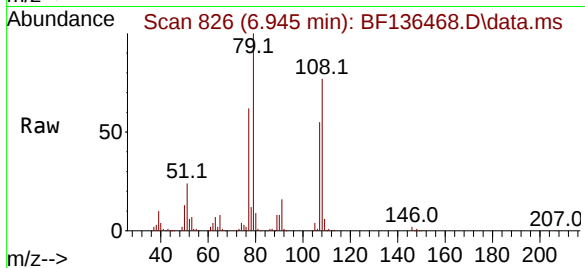




#15
Benzyl Alcohol
Concen: 46.249 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

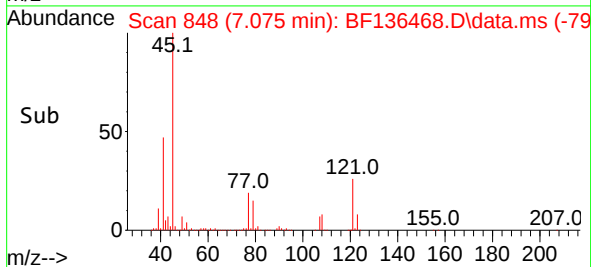
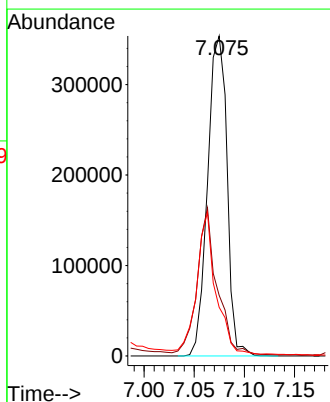
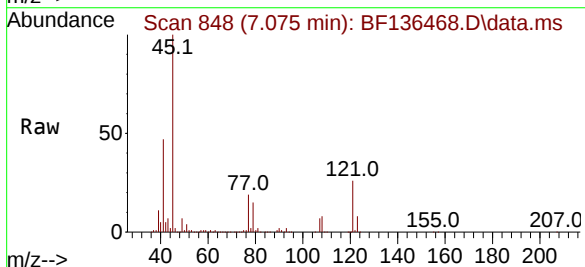
Instrument :
BNA_F
ClientSampleId :
PB157563BS

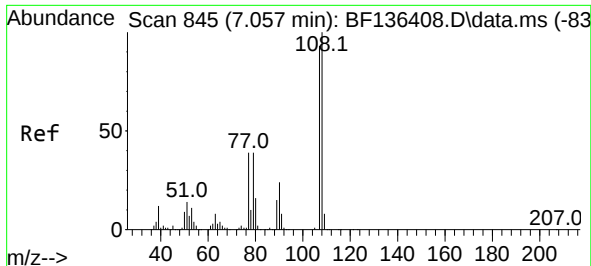
Tgt Ion: 79 Resp: 333103
Ion Ratio Lower Upper
79 100
108 77.1 62.3 93.5
77 61.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.422 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

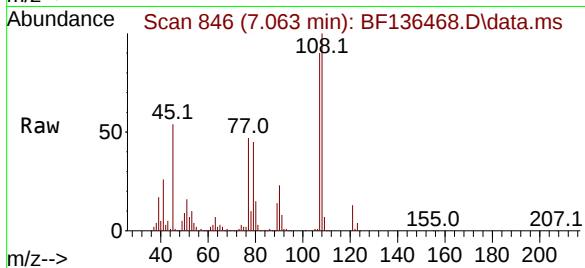
Tgt Ion: 45 Resp: 476429
Ion Ratio Lower Upper
45 100
77 19.0 0.0 35.3
79 15.2 0.0 32.5



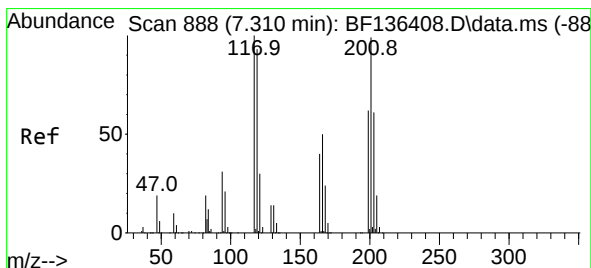
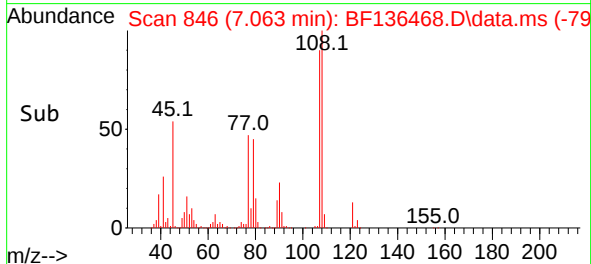
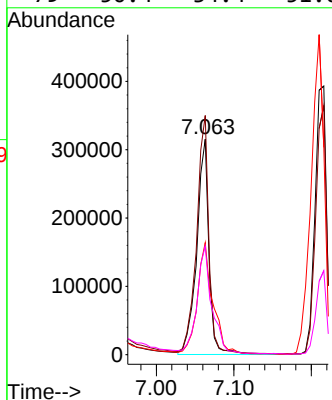


#17
2-Methylphenol
Concen: 45.876 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Instrument :
BNA_F
ClientSampleId :
PB157563BS

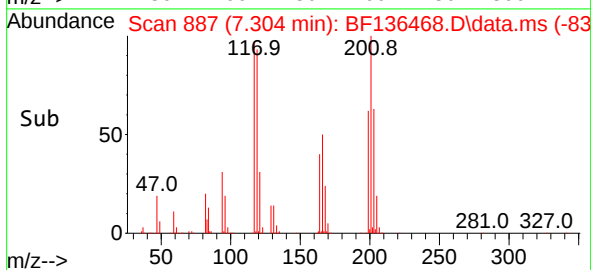
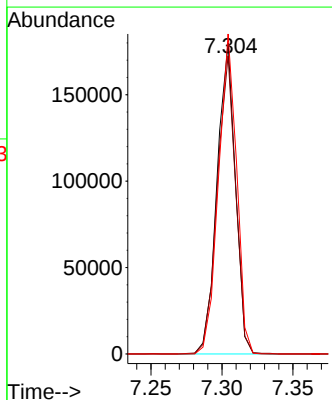
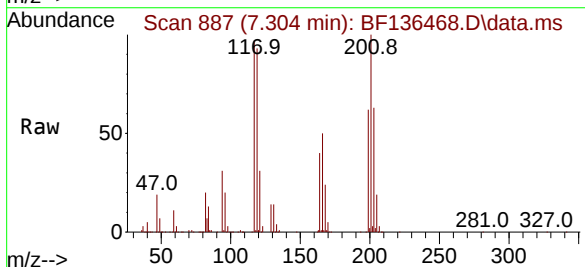


Tgt Ion:	107	Resp:	348808
Ion	Ratio	Lower	Upper
107	100		
108	111.0	86.5	129.7
77	51.9	33.8	50.8
79	50.4	34.4	51.6



#18
Hexachloroethane
Concen: 42.901 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:	117	Resp:	160811
Ion	Ratio	Lower	Upper
117	100		
119	95.9	74.3	111.5
201	102.9	79.3	118.9



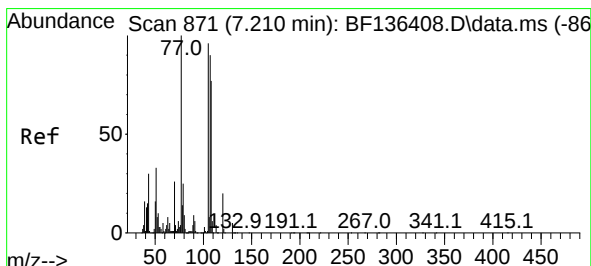
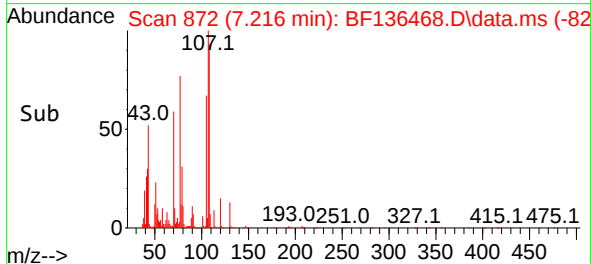
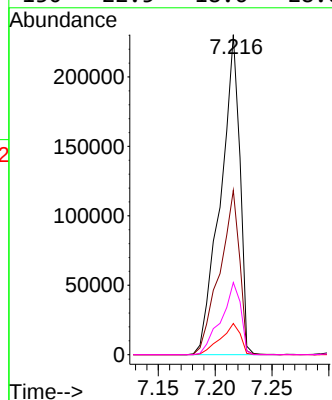
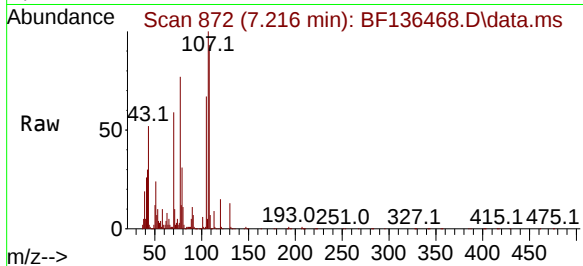


#19
n-Nitroso-di-n-propylamine
Concen: 43.992 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Instrument :
BNA_F
ClientSampleId :
PB157563BS

Tgt Ion: 70 Resp: 272949

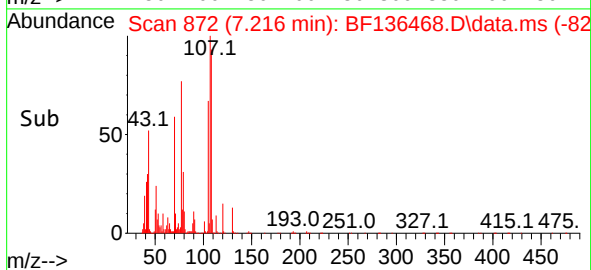
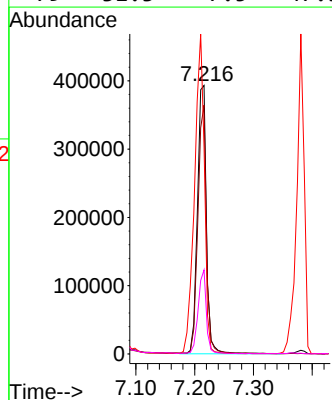
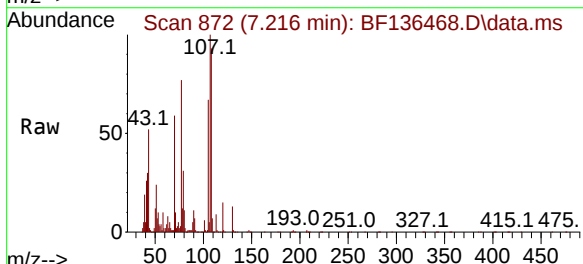
Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.4	62.0
101	9.8	8.2	12.4
130	22.5	18.6	28.0

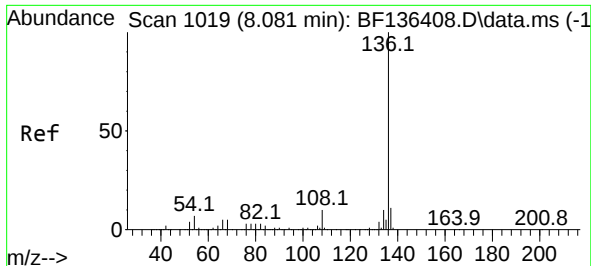


#20
3+4-Methylphenols
Concen: 44.161 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion: 107 Resp: 416770

Ion	Ratio	Lower	Upper
107	100		
108	92.6	65.9	105.9
77	77.2	91.7	131.7#
79	31.3	7.5	47.5

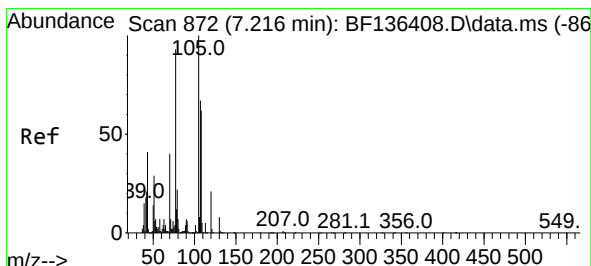
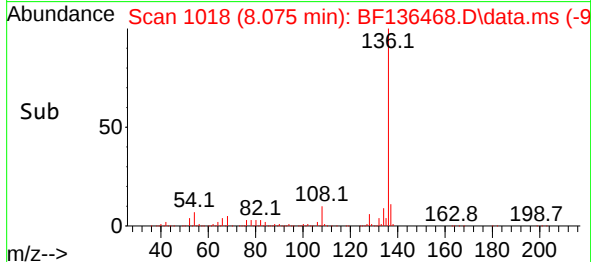
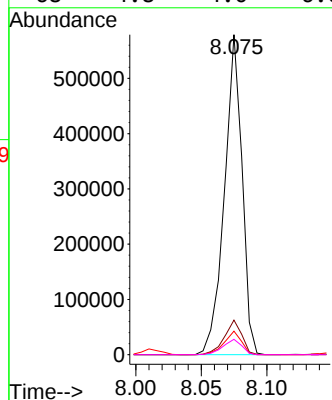
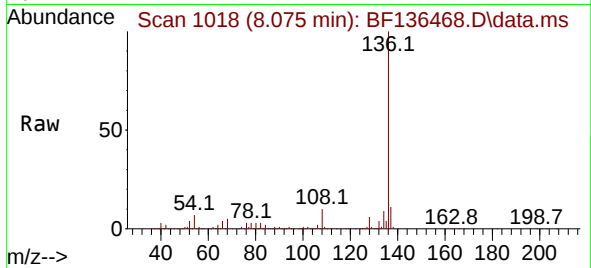




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

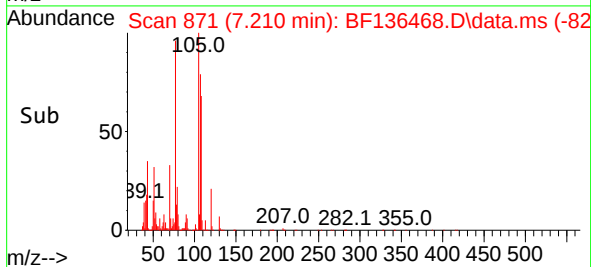
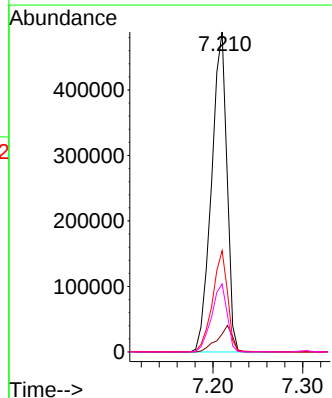
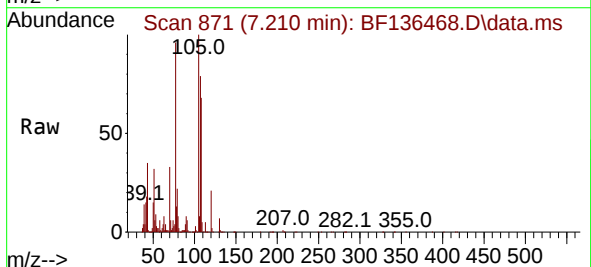
Instrument :
BNA_F
ClientSampleId :
PB157563BS

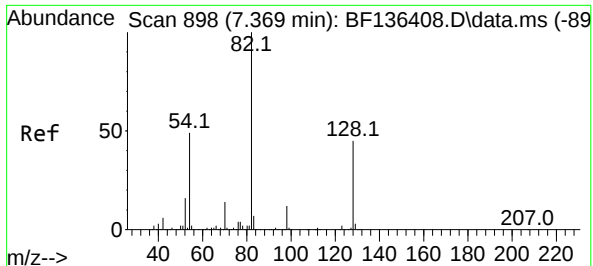
Tgt Ion:136 Resp: 539791
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.3 5.7 8.5
68 4.8 4.0 6.0



#22
Acetophenone
Concen: 43.724 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:105 Resp: 582824
Ion Ratio Lower Upper
105 100
71 5.6 5.4 8.0
51 31.7 23.4 35.2
120 21.3 16.6 24.8





#23

Nitrobenzene-d5

Concen: 83.392 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

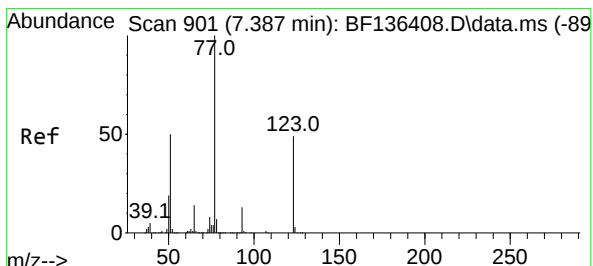
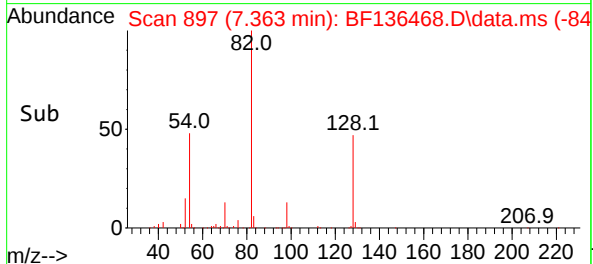
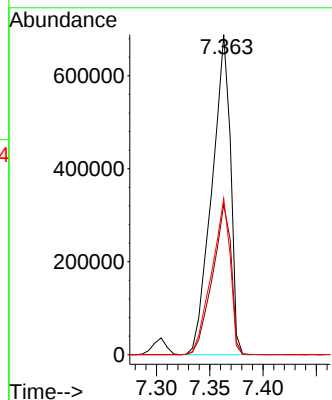
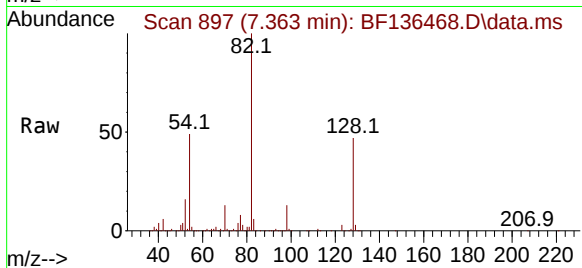
Tgt Ion: 82 Resp: 832668

Ion Ratio Lower Upper

82 100

128 46.9 36.3 54.5

54 48.8 39.0 58.6



#24

Nitrobenzene

Concen: 41.203 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

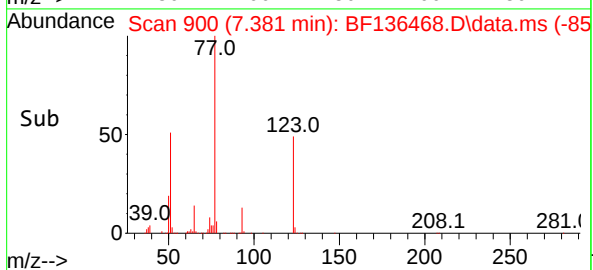
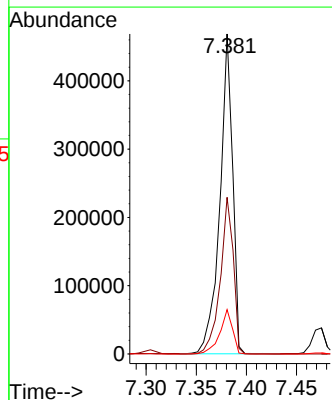
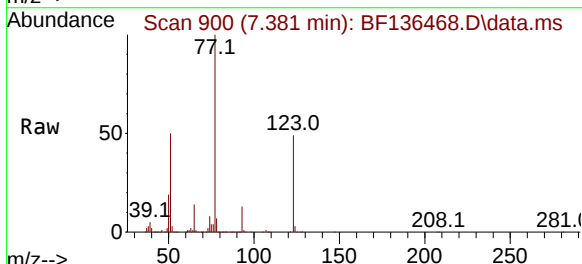
Tgt Ion: 77 Resp: 413873

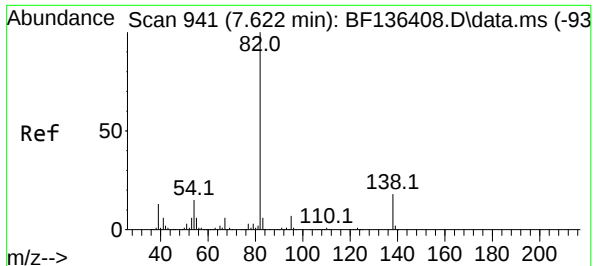
Ion Ratio Lower Upper

77 100

123 49.0 39.0 58.6

65 13.9 11.3 16.9

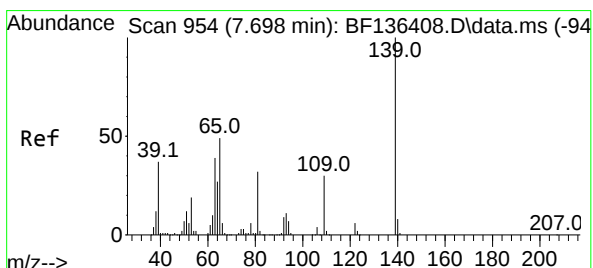
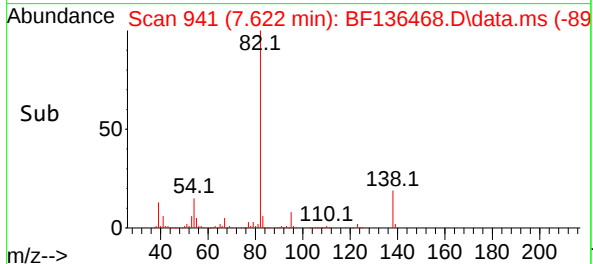
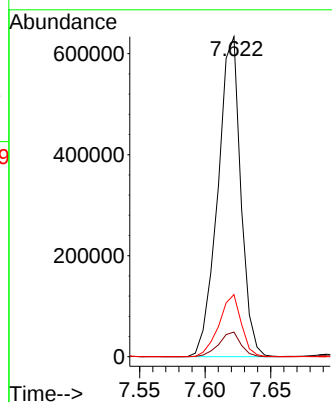
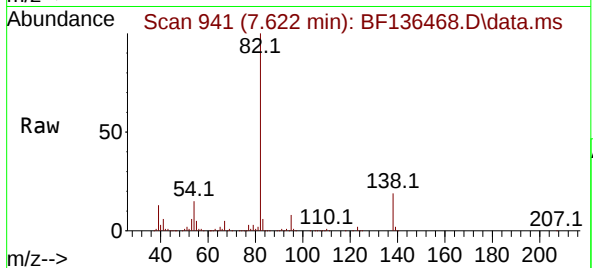




#25
Isophorone
Concen: 43.000 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

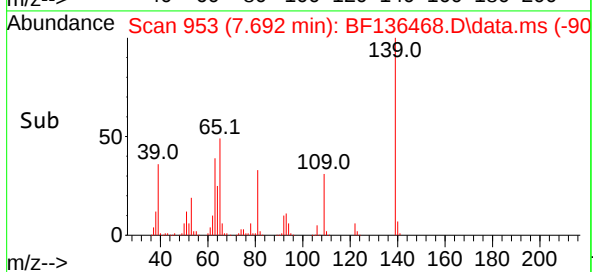
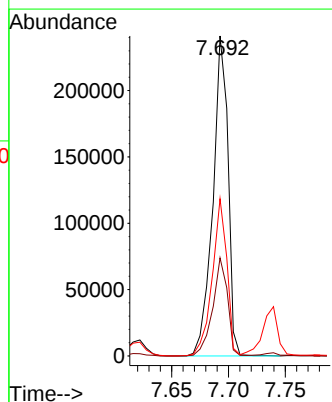
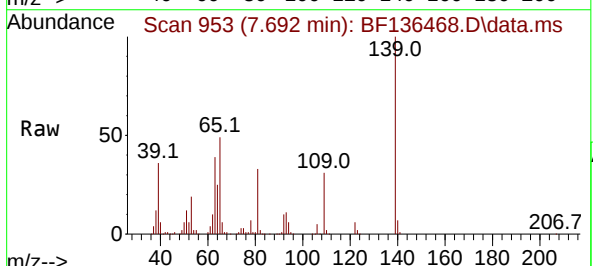
Instrument :
BNA_F
ClientSampleId :
PB157563BS

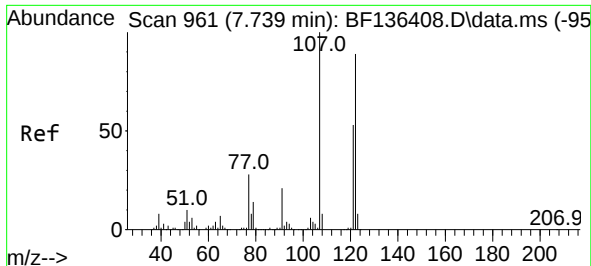
Tgt Ion: 82 Resp: 771374
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 19.4 14.5 21.7



#26
2-Nitrophenol
Concen: 45.297 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion: 139 Resp: 223682
Ion Ratio Lower Upper
139 100
109 30.7 23.6 35.4
65 49.1 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 60.917 ng

RT: 7.740 min Scan# 9

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

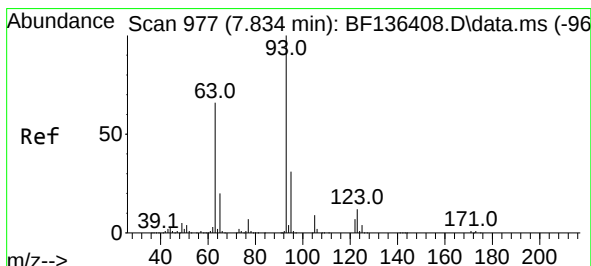
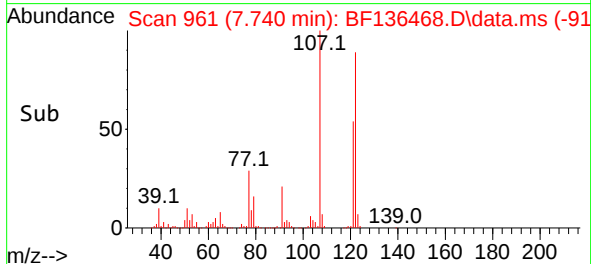
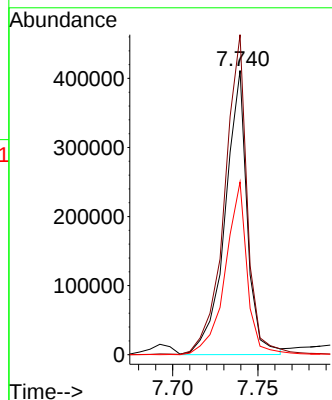
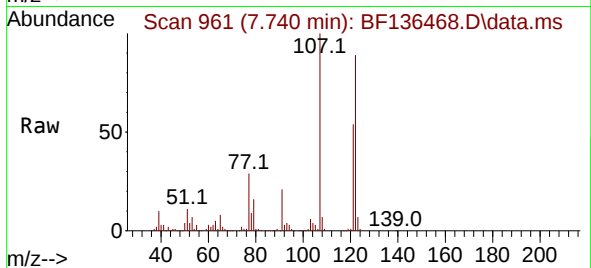
Tgt Ion:122 Resp: 370923

Ion Ratio Lower Upper

122 100

107 112.6 89.3 133.9

121 60.7 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.710 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

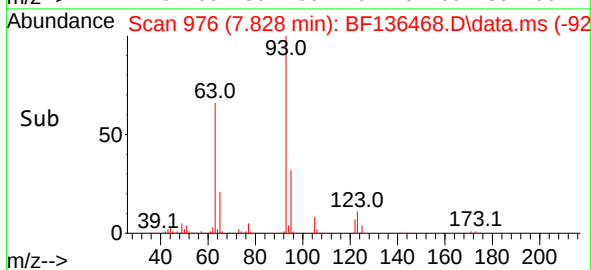
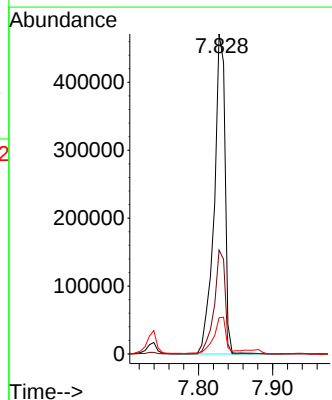
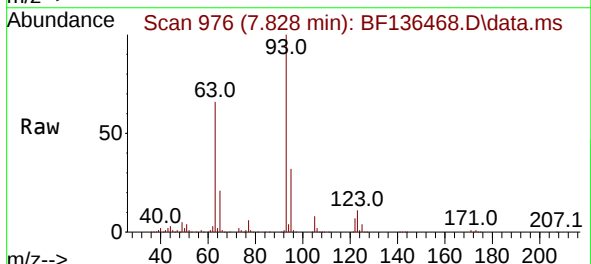
Tgt Ion: 93 Resp: 481827

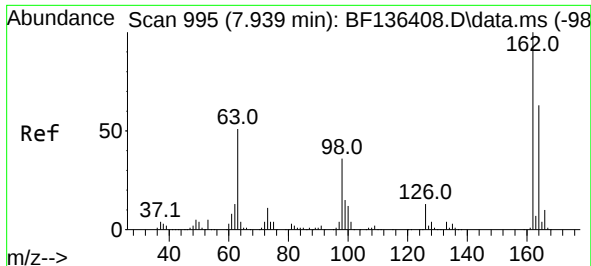
Ion Ratio Lower Upper

93 100

95 32.4 25.0 37.4

123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.442 ng

RT: 7.940 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

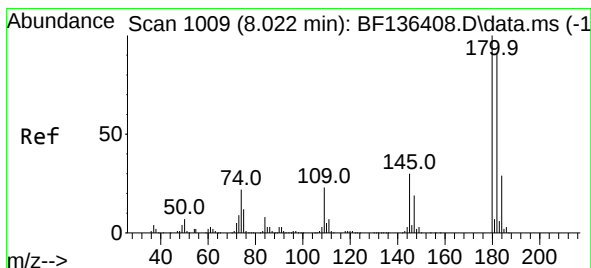
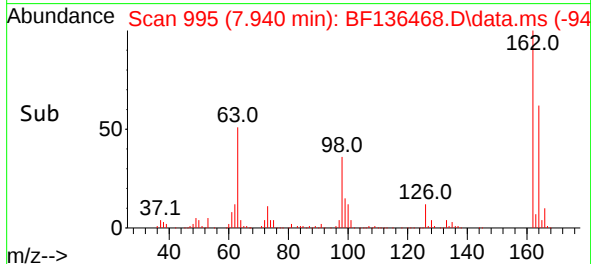
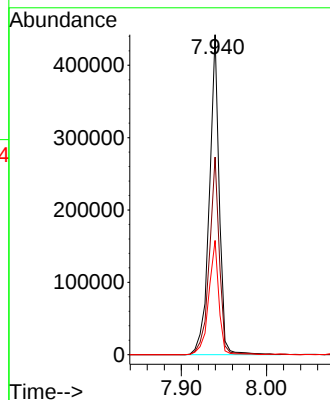
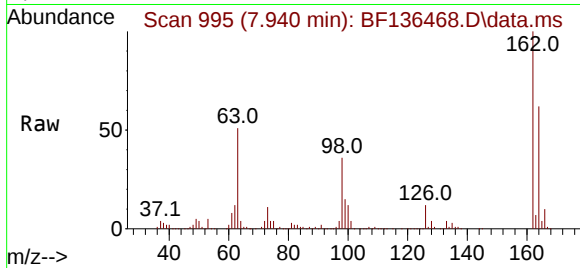
Tgt Ion:162 Resp: 357190

Ion Ratio Lower Upper

162 100

164 61.7 43.0 83.0

98 35.7 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 42.191 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

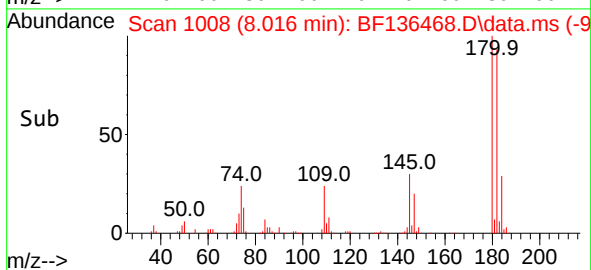
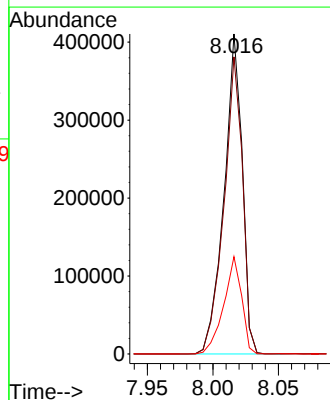
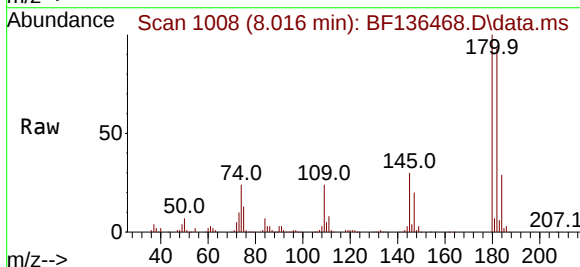
Tgt Ion:180 Resp: 395401

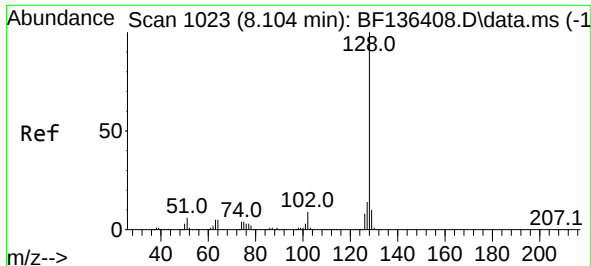
Ion Ratio Lower Upper

180 100

182 92.9 73.1 109.7

145 30.4 23.8 35.8

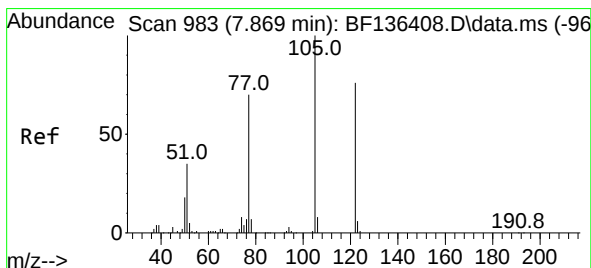
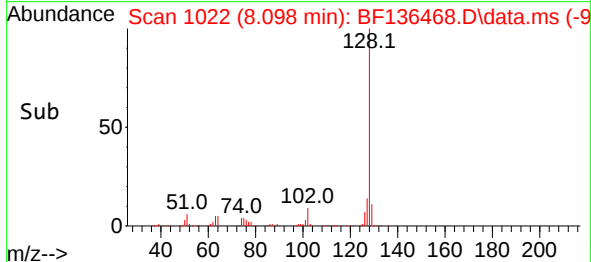
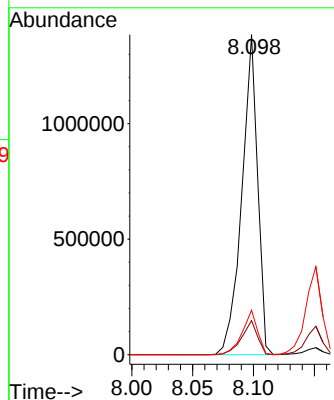
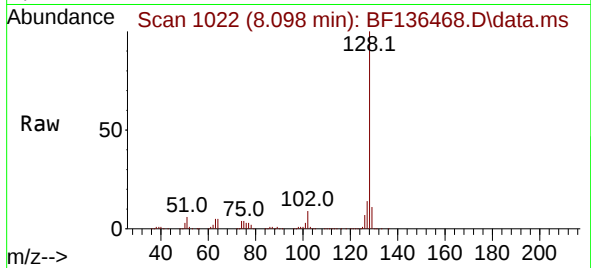




#31
Naphthalene
Concen: 42.040 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

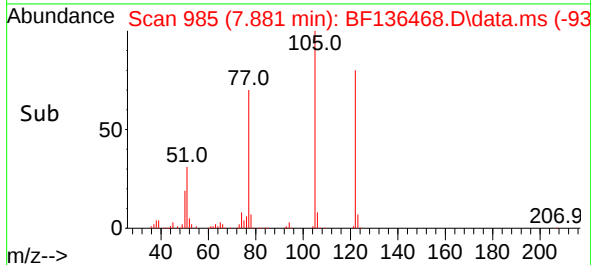
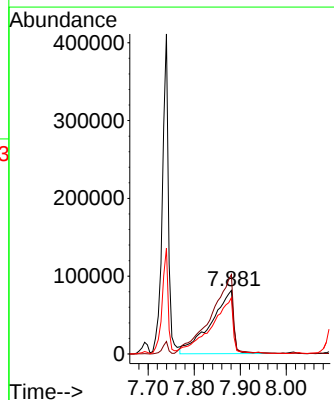
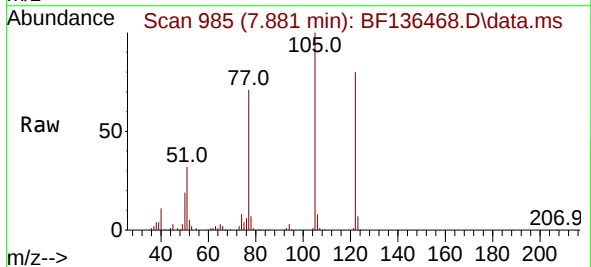
Instrument :
BNA_F
ClientSampleId :
PB157563BS

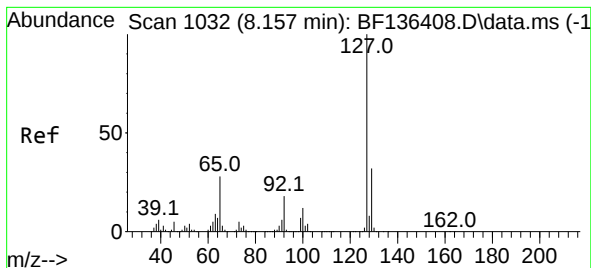
Tgt Ion:128 Resp: 1251403
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 45.661 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:122 Resp: 275809
Ion Ratio Lower Upper
122 100
105 125.0 104.7 144.7
77 88.4 68.5 108.5





#33

4-Chloroaniline

Concen: 34.579 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

Tgt Ion:127 Resp: 366968

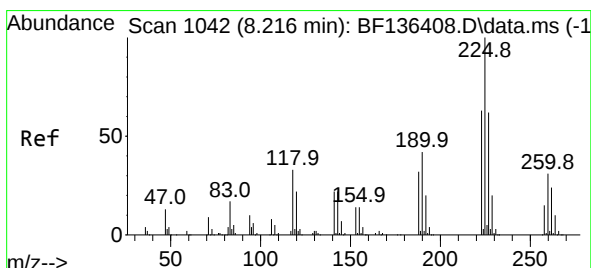
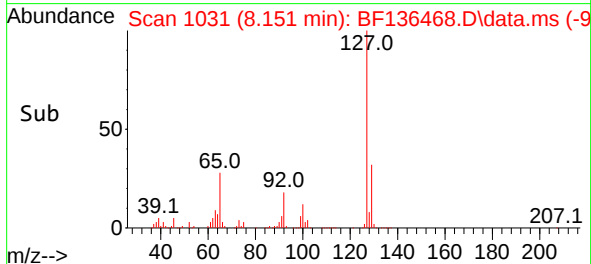
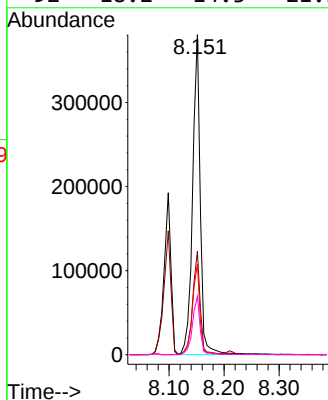
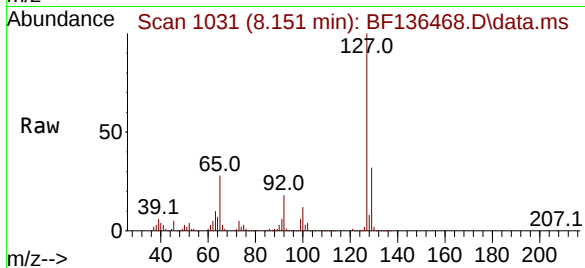
Ion Ratio Lower Upper

127 100

129 32.3 25.4 38.2

65 28.3 22.5 33.7

92 18.2 14.3 21.5



#34

Hexachlorobutadiene

Concen: 40.189 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

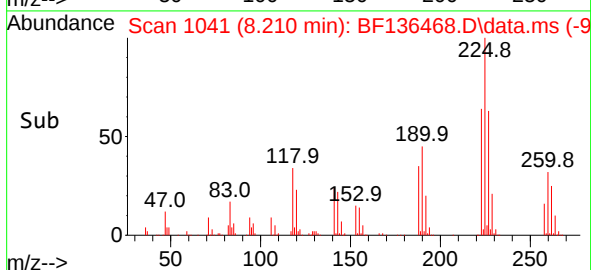
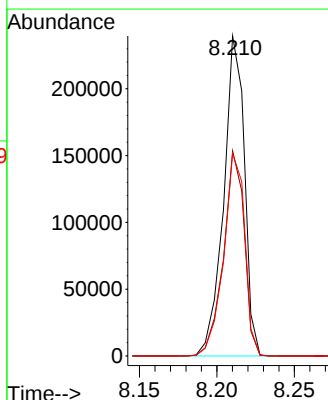
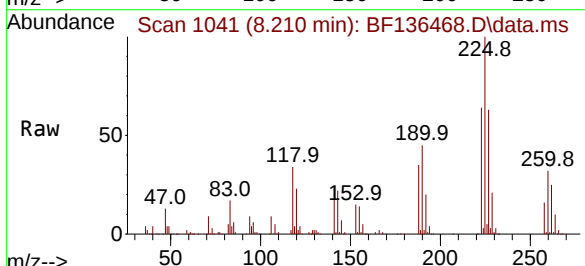
Tgt Ion:225 Resp: 223218

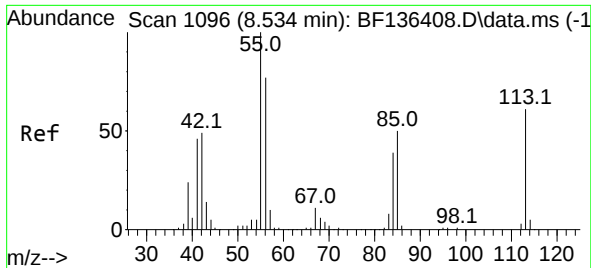
Ion Ratio Lower Upper

225 100

223 64.1 50.8 76.2

227 63.3 49.8 74.8

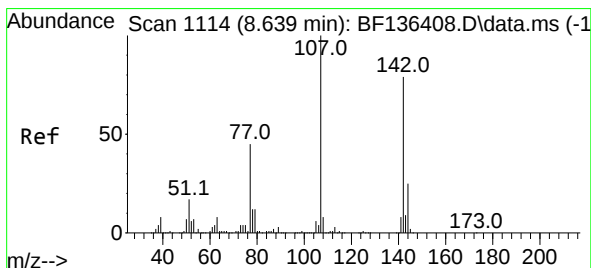
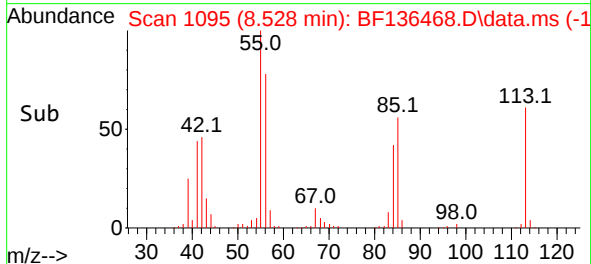
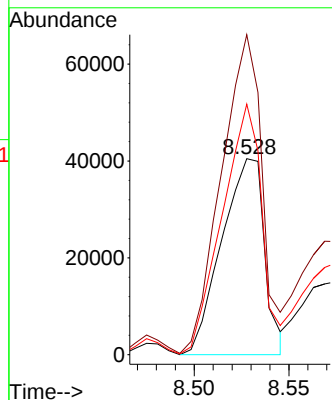
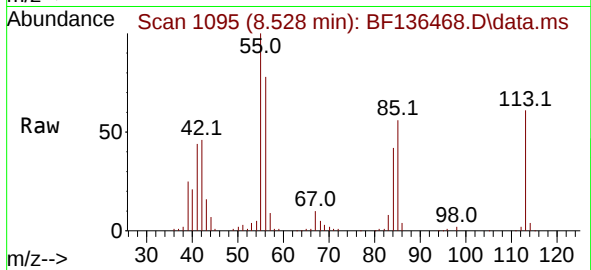




#35
 Caprolactam
 Concen: 25.645 ng
 RT: 8.528 min Scan# 1095
 Delta R.T. -0.006 min
 Lab File: BF136468.D
 Acq: 08 Dec 2023 15:33

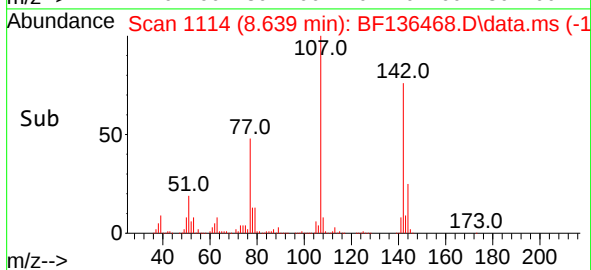
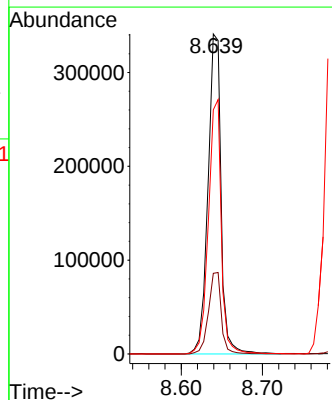
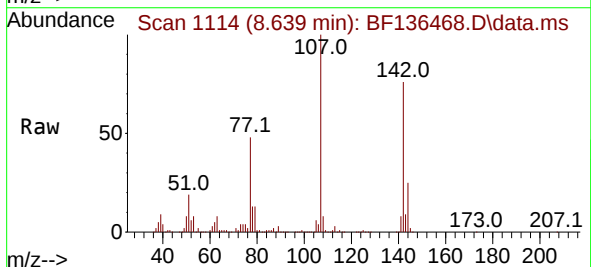
Instrument :
 BNA_F
 ClientSampleId :
 PB157563BS

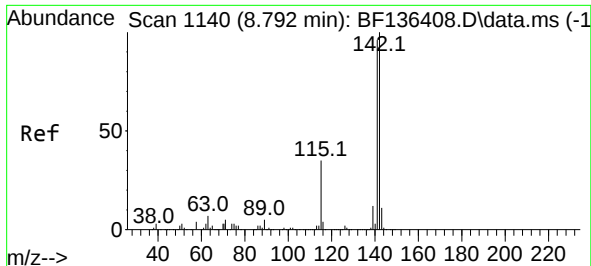
Tgt Ion:113 Resp: 63473
 Ion Ratio Lower Upper
 113 100
 55 163.2 143.7 183.7
 56 127.8 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 44.512 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136468.D
 Acq: 08 Dec 2023 15:33

Tgt Ion:107 Resp: 379855
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.1 30.1
 142 76.3 63.1 94.7





#37

2-Methylnaphthalene

Concen: 42.504 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

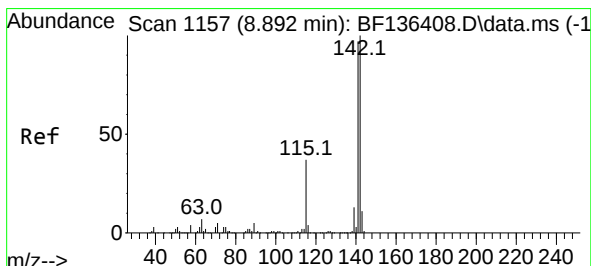
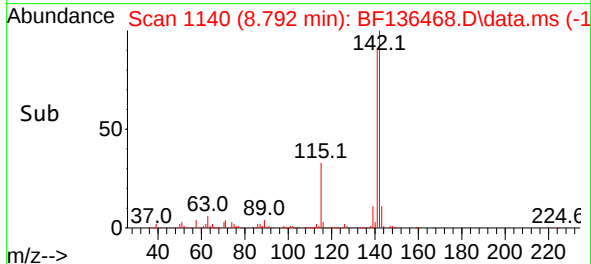
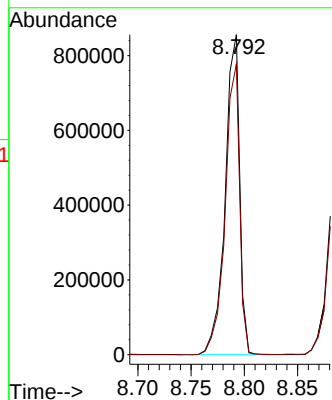
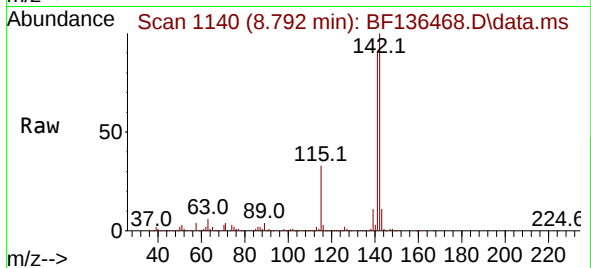
PB157563BS

Tgt Ion:142 Resp: 804935

Ion Ratio Lower Upper

142 100

141 90.8 76.4 114.6



#38

1-Methylnaphthalene

Concen: 40.244 ng

RT: 8.887 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136468.D

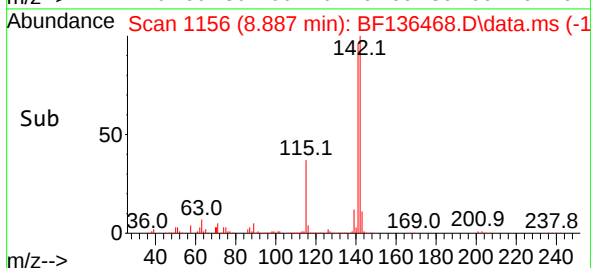
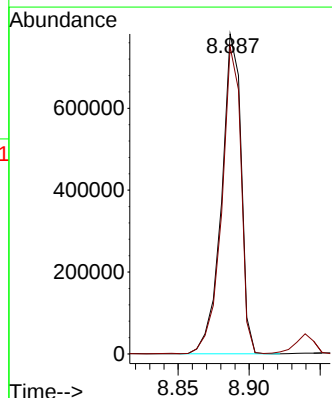
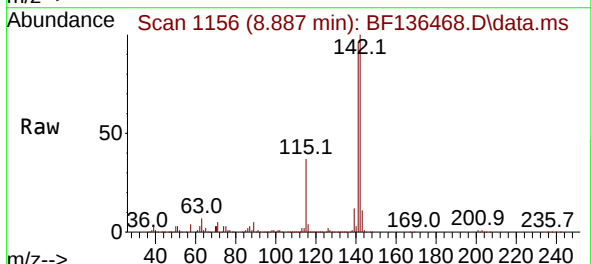
Acq: 08 Dec 2023 15:33

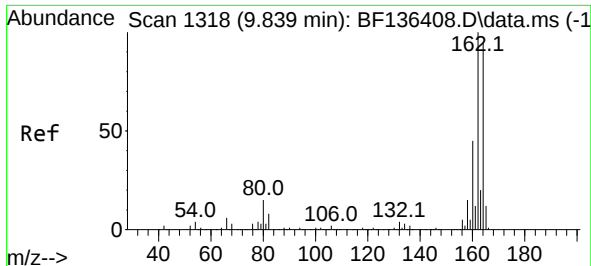
Tgt Ion:142 Resp: 747857

Ion Ratio Lower Upper

142 100

141 96.0 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

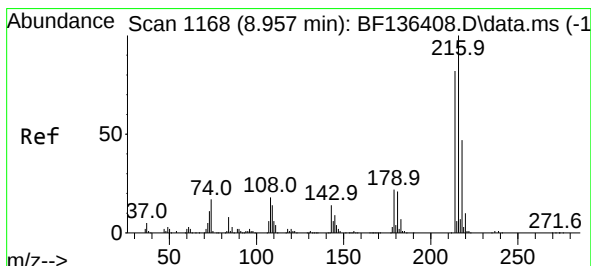
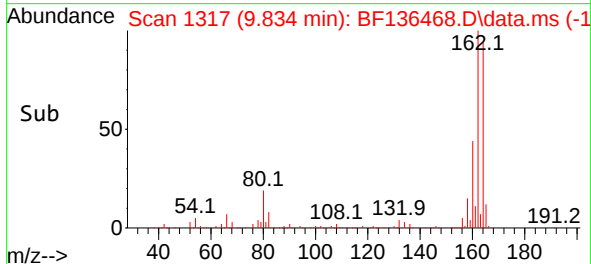
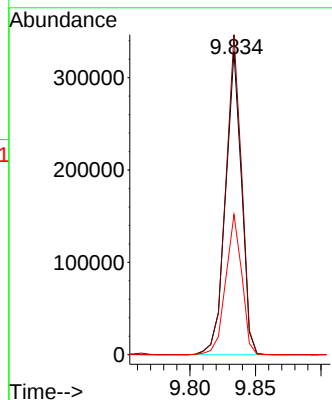
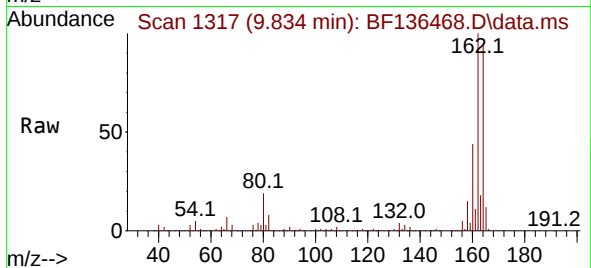
Tgt Ion:164 Resp: 278004

Ion Ratio Lower Upper

164 100

162 105.5 84.4 126.6

160 46.2 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.022 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Tgt Ion:216 Resp: 389401

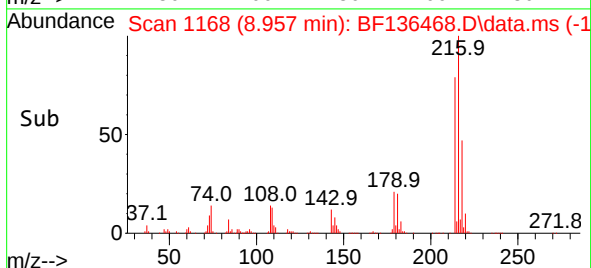
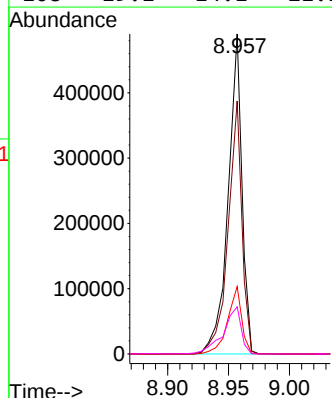
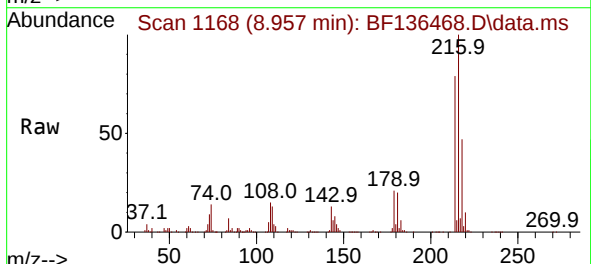
Ion Ratio Lower Upper

216 100

214 78.8 64.1 96.1

179 21.3 17.0 25.6

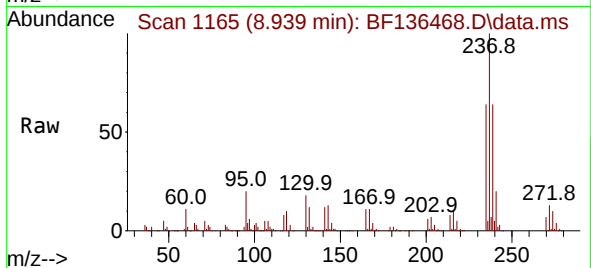
108 19.1 14.1 21.1



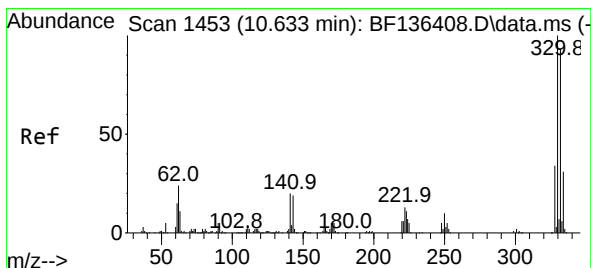
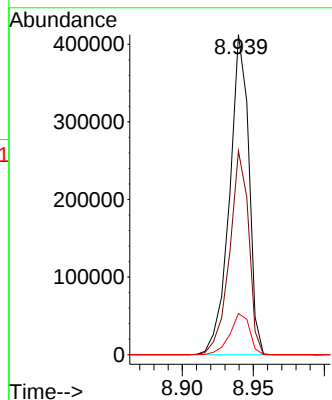
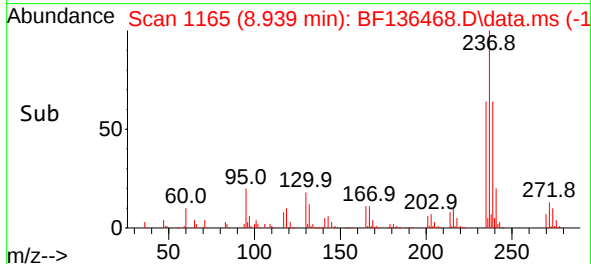


#41
Hexachlorocyclopentadiene
Concen: 121.376 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

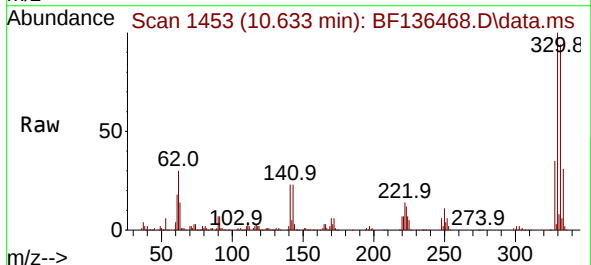
Instrument :
BNA_F
ClientSampleId :
PB157563BS



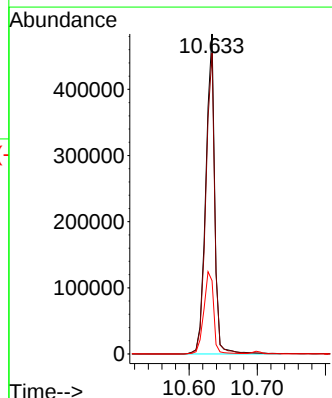
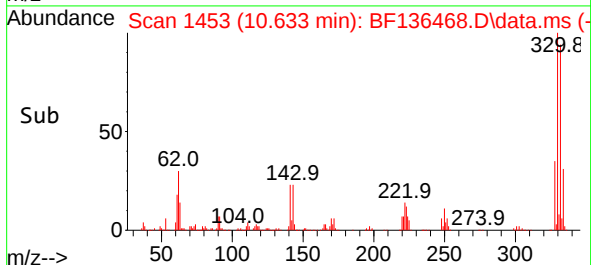
Tgt Ion:237 Resp: 388921
Ion Ratio Lower Upper
237 100
235 63.6 44.1 84.1
272 12.8 0.0 33.3

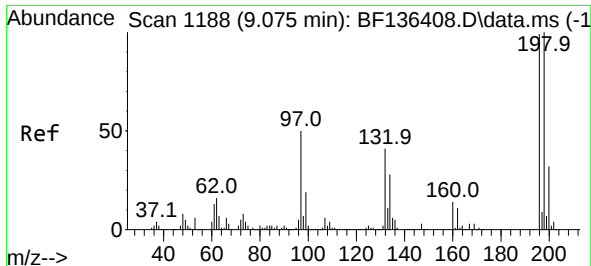


#42
2,4,6-Tribromophenol
Concen: 128.396 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33



Tgt Ion:330 Resp: 440118
Ion Ratio Lower Upper
330 100
332 94.7 76.4 114.6
141 28.4 23.4 35.2

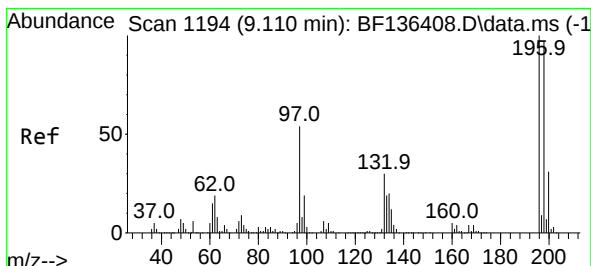
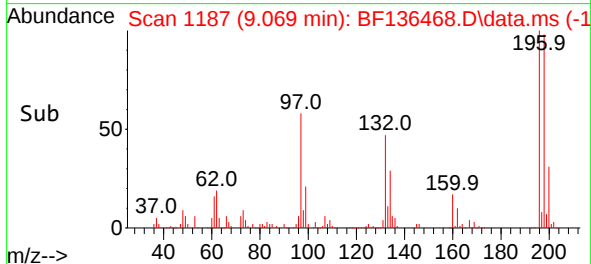
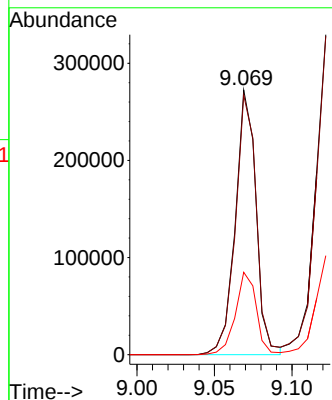
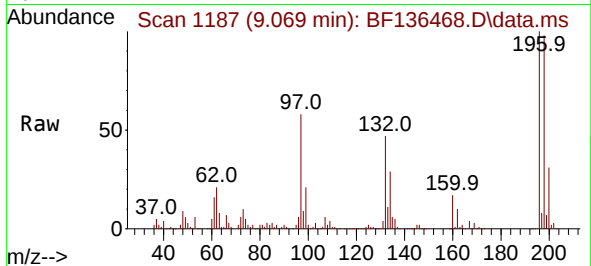




#43
2,4,6-Trichlorophenol
Concen: 45.001 ng
RT: 9.069 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

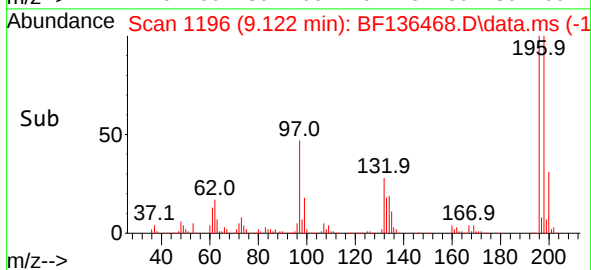
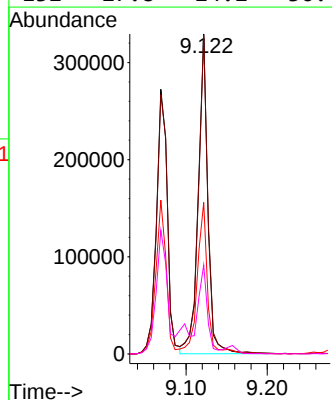
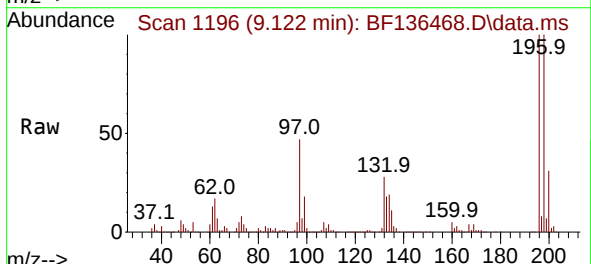
Instrument :
BNA_F
ClientSampleId :
PB157563BS

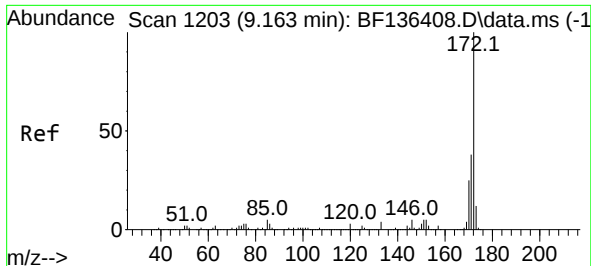
Tgt Ion:196 Resp: 253431
Ion Ratio Lower Upper
196 100
198 98.1 80.4 120.6
200 31.1 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 43.422 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:196 Resp: 272930
Ion Ratio Lower Upper
196 100
198 99.6 78.1 117.1
97 47.3 43.4 65.2
132 27.8 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 81.363 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

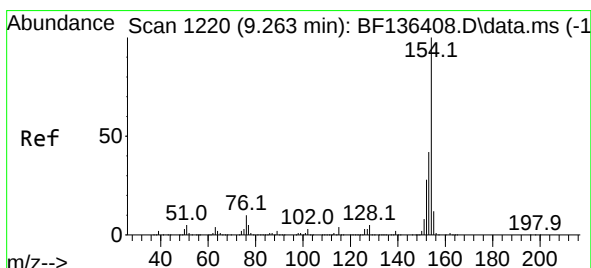
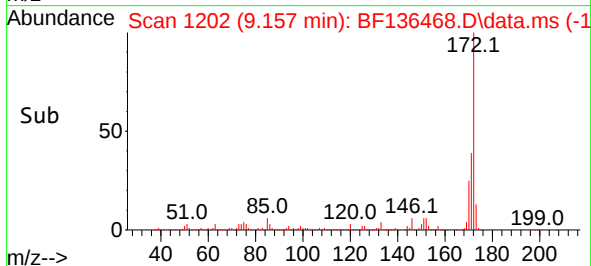
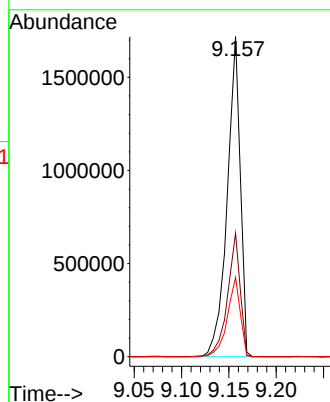
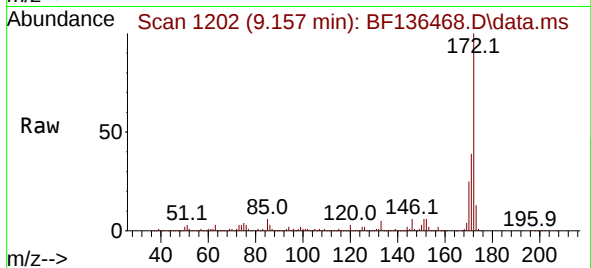
Tgt Ion:172 Resp: 1657688

Ion Ratio Lower Upper

172 100

171 38.6 30.5 45.7

170 24.8 19.9 29.9



#46

1,1'-Biphenyl

Concen: 43.379 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

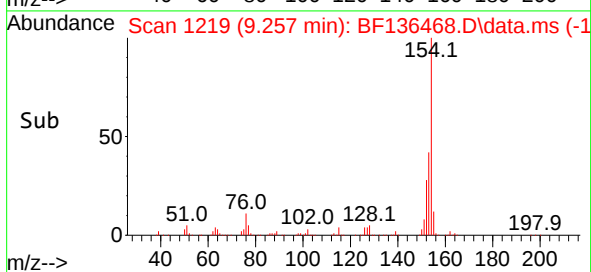
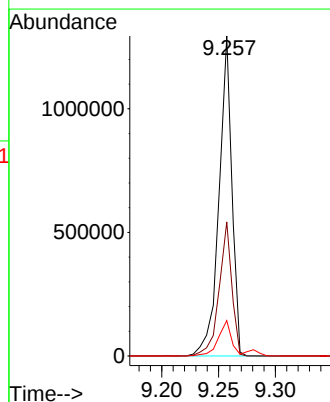
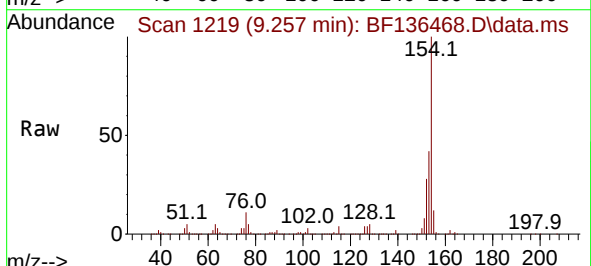
Tgt Ion:154 Resp: 1026152

Ion Ratio Lower Upper

154 100

153 41.9 22.5 62.5

76 11.1 0.0 29.9





#47

2-Chloronaphthalene

Concen: 42.083 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

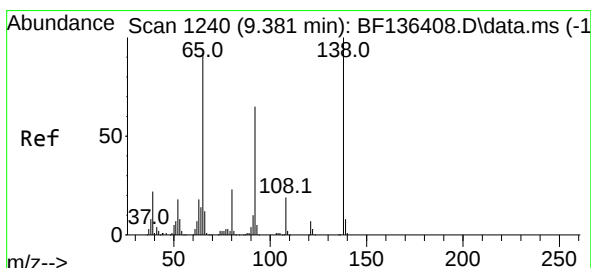
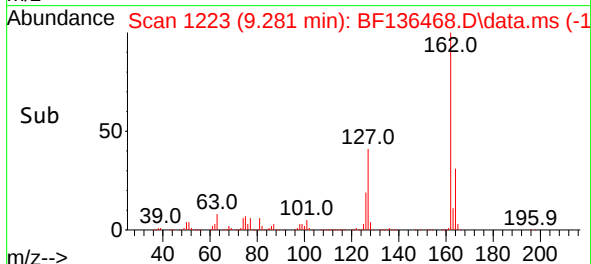
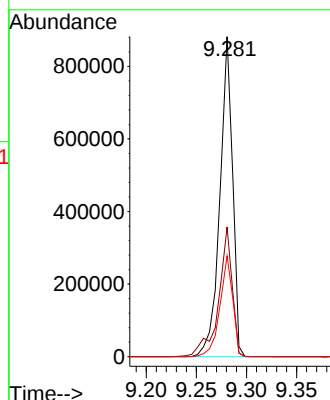
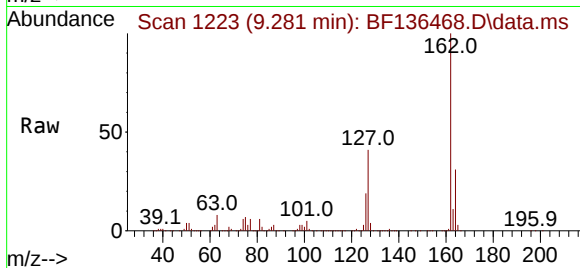
Tgt Ion:162 Resp: 774814

Ion Ratio Lower Upper

162 100

127 40.6 31.1 46.7

164 31.5 24.6 37.0



#48

2-Nitroaniline

Concen: 45.785 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

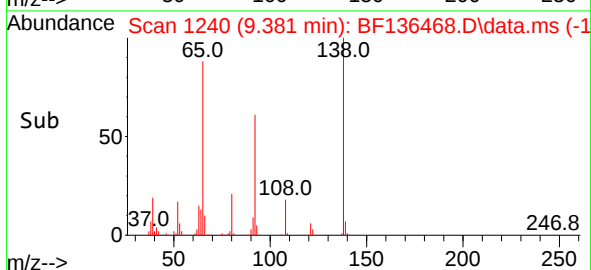
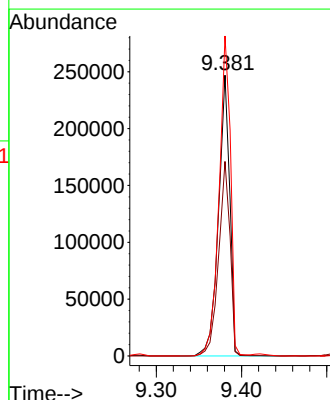
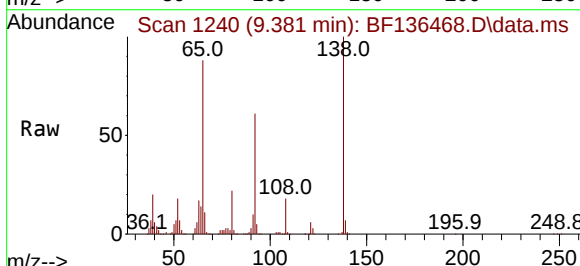
Tgt Ion: 65 Resp: 226087

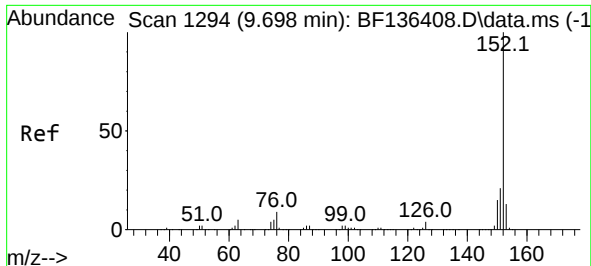
Ion Ratio Lower Upper

65 100

92 69.3 56.1 84.1

138 113.9 86.7 130.1





#49

Acenaphthylene

Concen: 44.288 ng

RT: 9.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

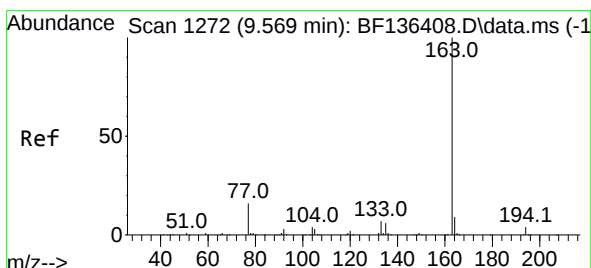
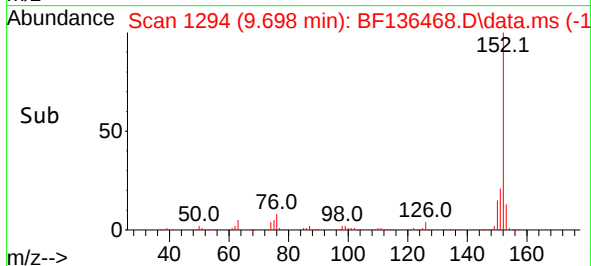
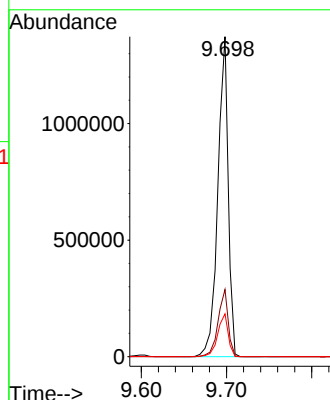
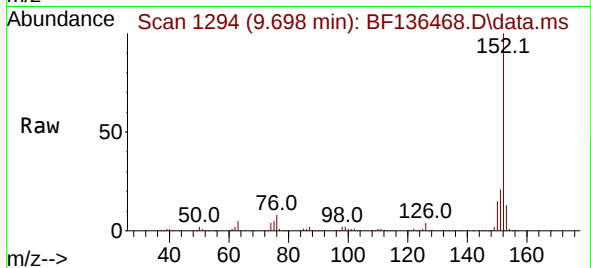
Tgt Ion:152 Resp: 1161557

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 44.500 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

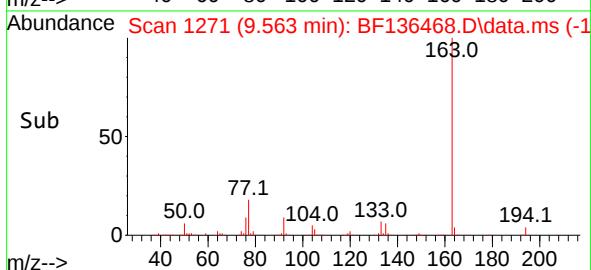
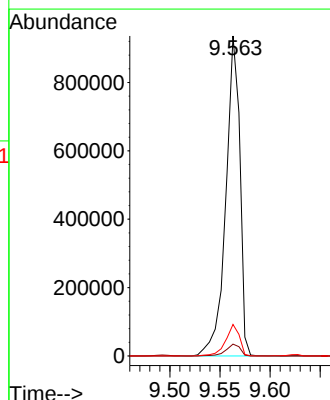
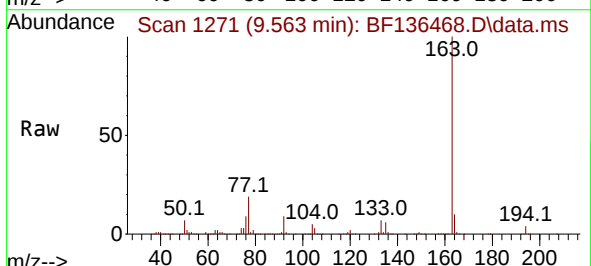
Tgt Ion:163 Resp: 910815

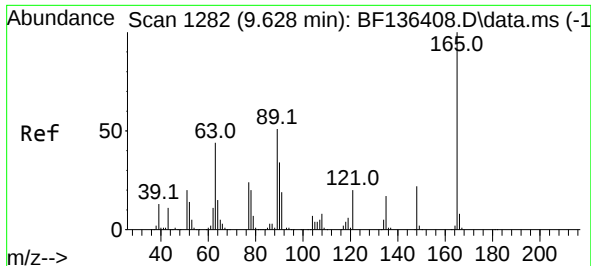
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 9.9 7.4 11.2





#51

2,6-Dinitrotoluene

Concen: 43.817 ng

RT: 9.628 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

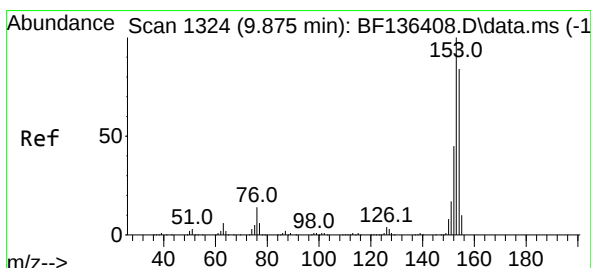
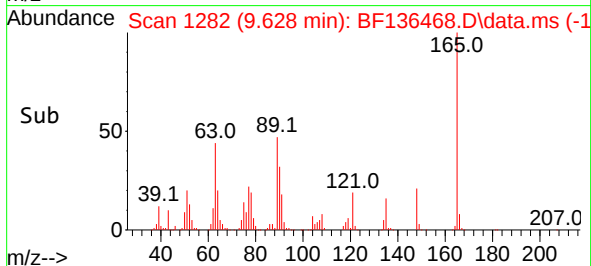
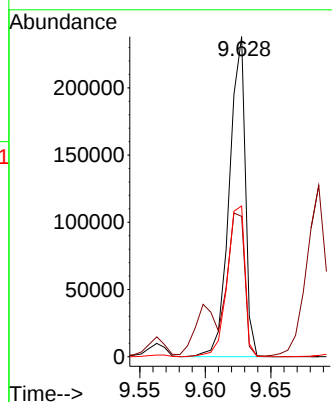
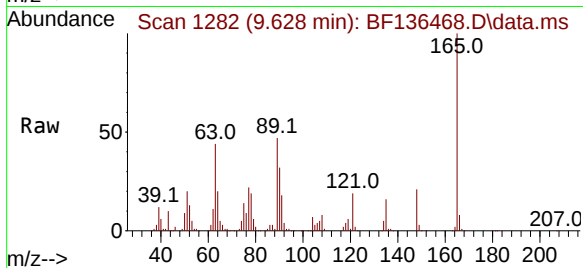
Tgt Ion:165 Resp: 201763

Ion Ratio Lower Upper

165 100

63 43.9 40.4 60.6

89 47.1 40.6 60.8



#52

Acenaphthene

Concen: 43.524 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

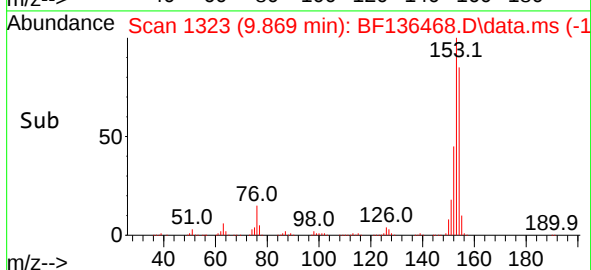
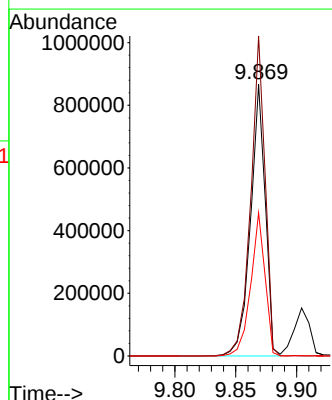
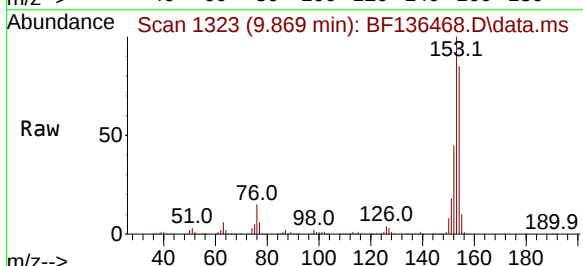
Tgt Ion:154 Resp: 731502

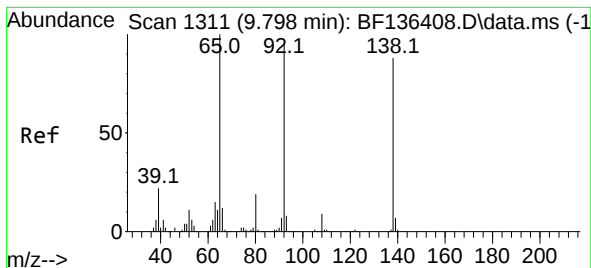
Ion Ratio Lower Upper

154 100

153 117.9 95.3 142.9

152 52.7 43.2 64.8





#53

3-Nitroaniline

Concen: 37.829 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

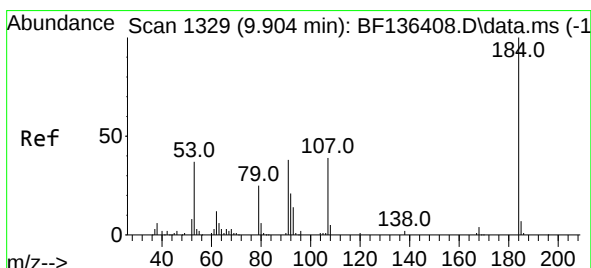
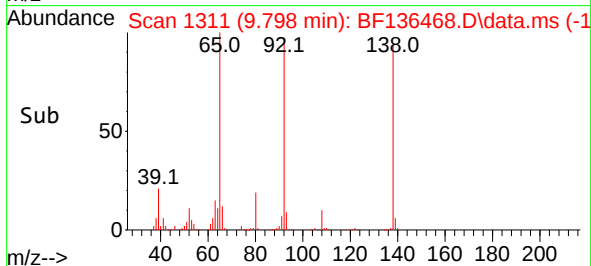
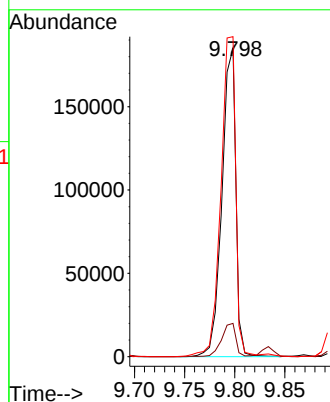
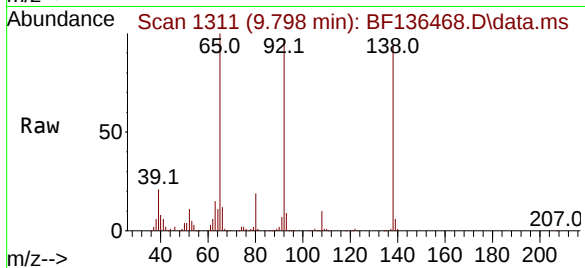
Tgt Ion:138 Resp: 177877

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

92 103.8 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 94.616 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

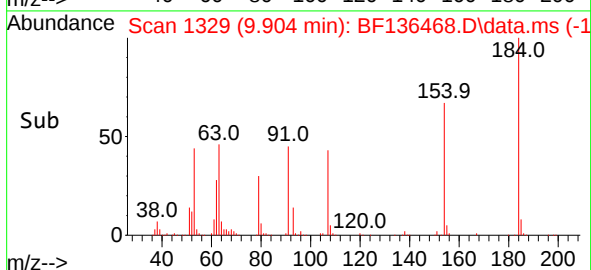
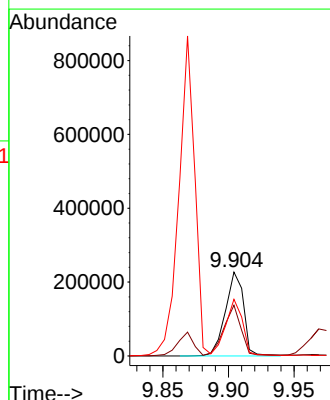
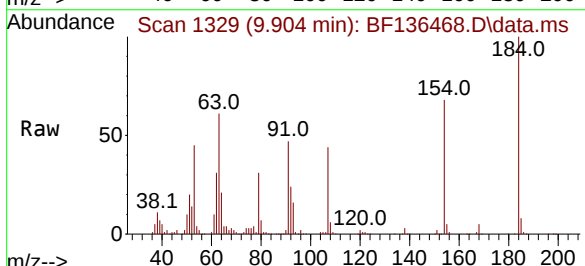
Tgt Ion:184 Resp: 220275

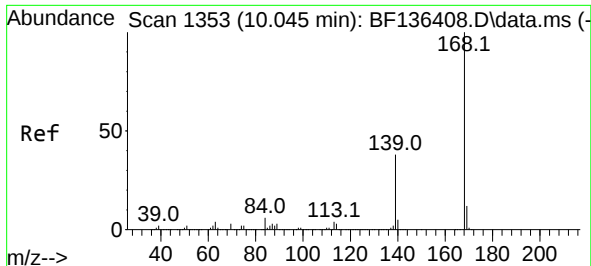
Ion Ratio Lower Upper

184 100

63 60.5 39.1 58.7#

154 67.6 49.9 74.9

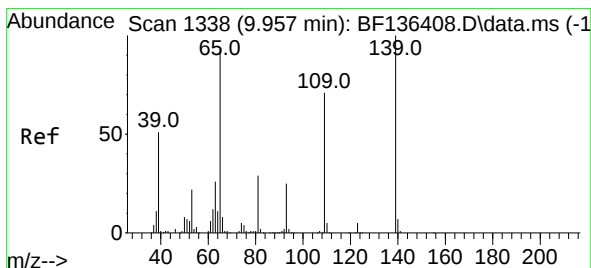
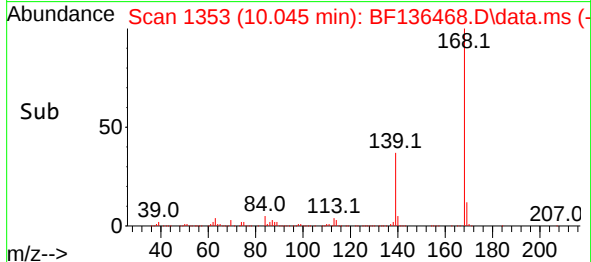
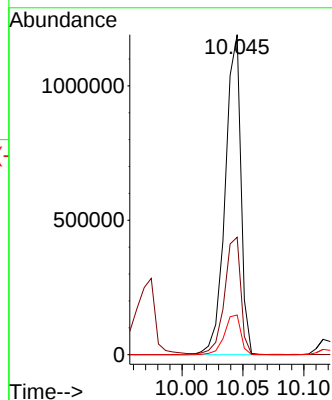
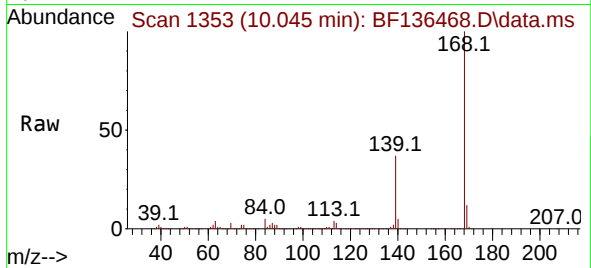




#55
Dibenzenofuran
Concen: 43.407 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

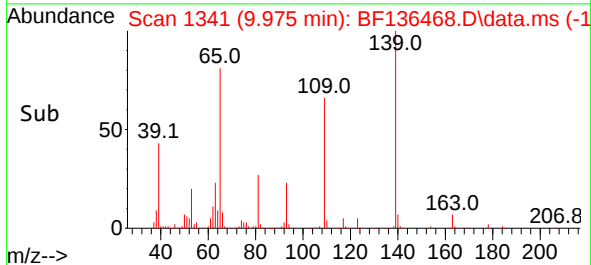
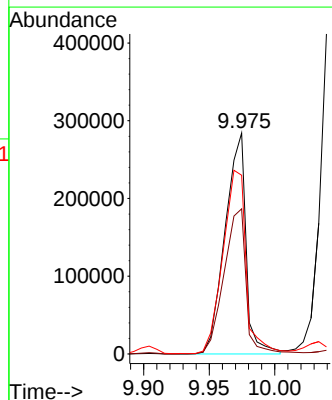
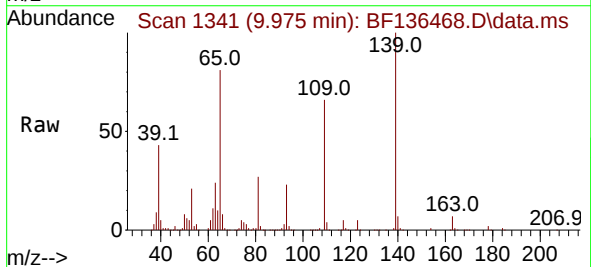
Instrument :
BNA_F
ClientSampleId :
PB157563BS

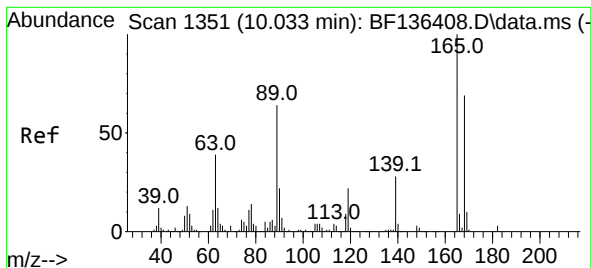
Tgt Ion:168 Resp: 1065758
Ion Ratio Lower Upper
168 100
139 36.7 30.4 45.6
169 12.4 9.9 14.9



#56
4-Nitrophenol
Concen: 89.506 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:139 Resp: 315504
Ion Ratio Lower Upper
139 100
109 65.7 50.6 90.6
65 80.9 73.1 113.1

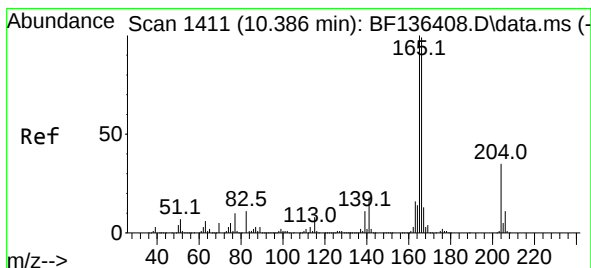
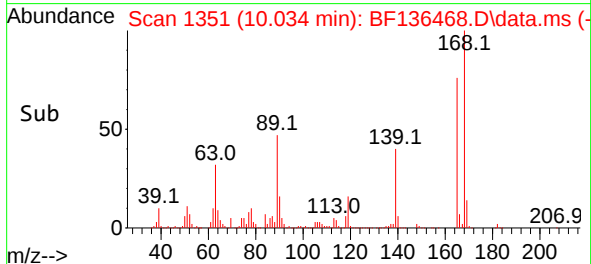
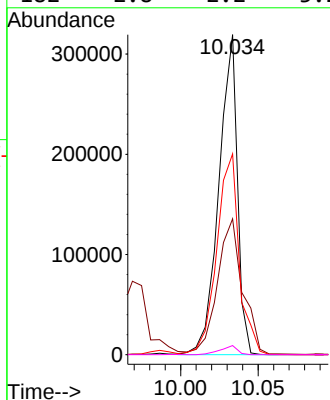
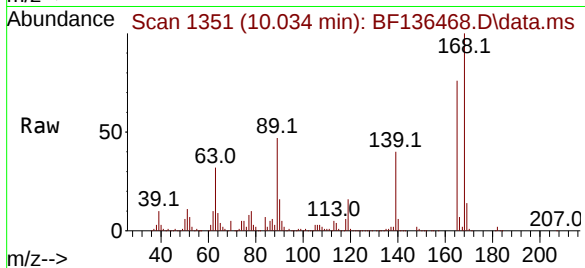




#57
2,4-Dinitrotoluene
Concen: 43.686 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

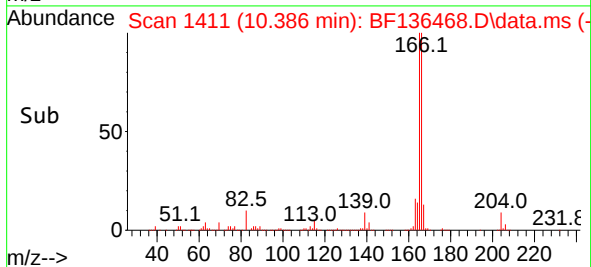
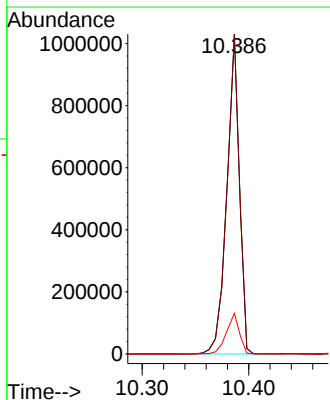
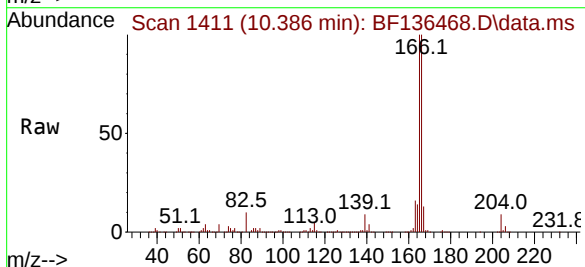
Instrument :
BNA_F
ClientSampleId :
PB157563BS

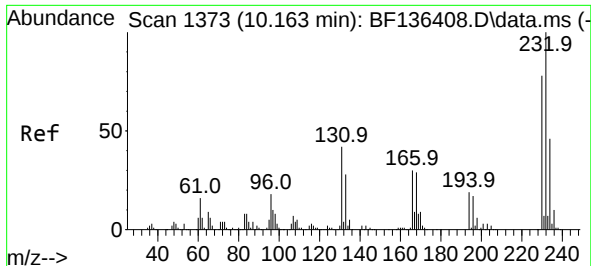
Tgt Ion:165 Resp: 266110
Ion Ratio Lower Upper
165 100
63 42.4 31.4 47.2
89 62.8 51.7 77.5
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.744 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:166 Resp: 842445
Ion Ratio Lower Upper
166 100
165 100.3 80.5 120.7
167 12.8 10.5 15.7

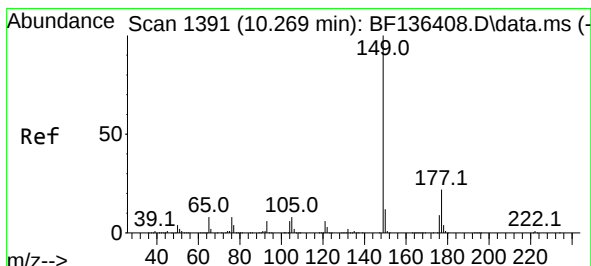
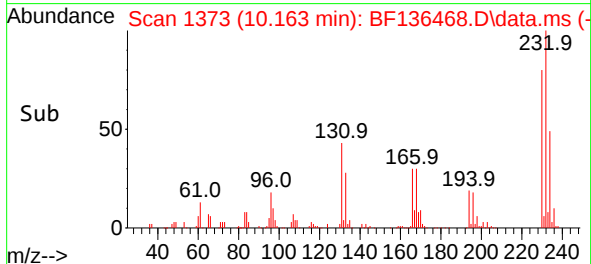
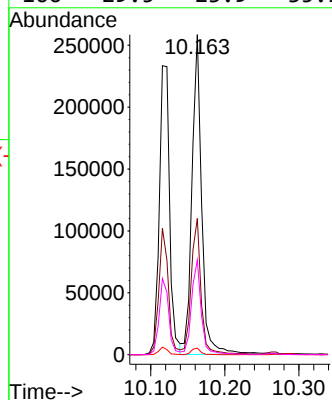
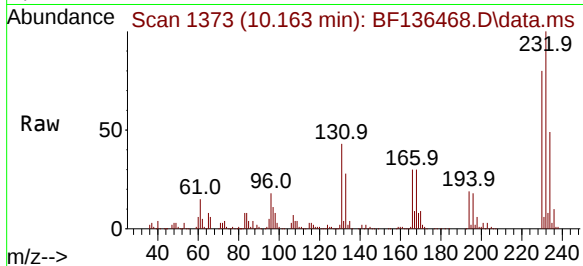




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.967 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

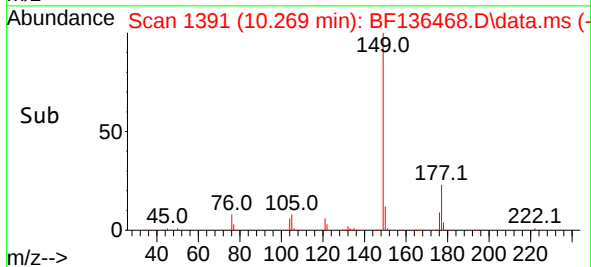
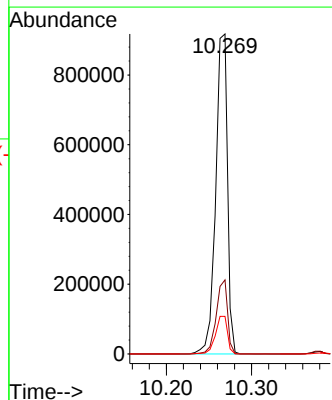
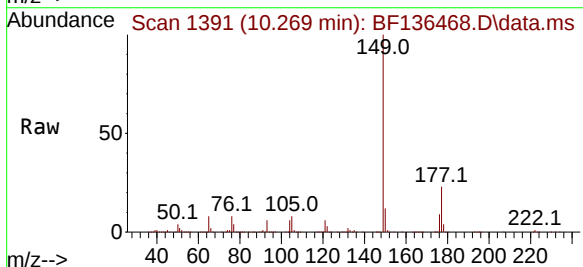
Instrument :
BNA_F
ClientSampleId :
PB157563BS

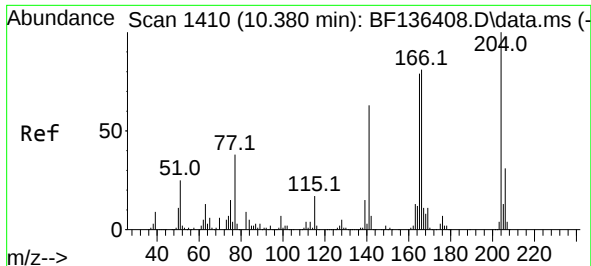
Tgt Ion:232 Resp: 236466
Ion Ratio Lower Upper
232 100
131 42.8 34.3 51.5
130 2.0 1.6 2.4
166 29.5 23.9 35.9



#60
Diethylphthalate
Concen: 43.747 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:149 Resp: 880481
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.8
150 11.7 9.4 14.0

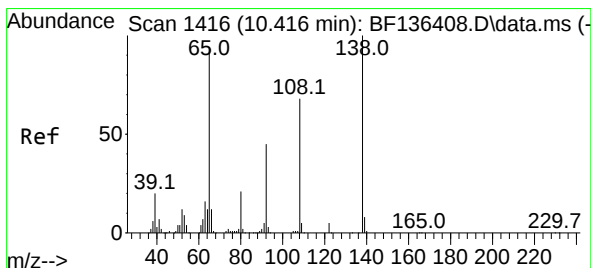
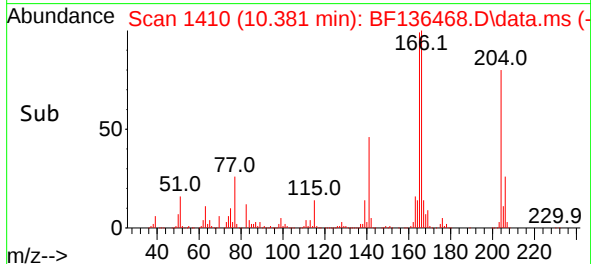
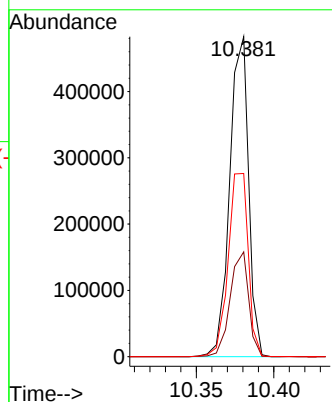
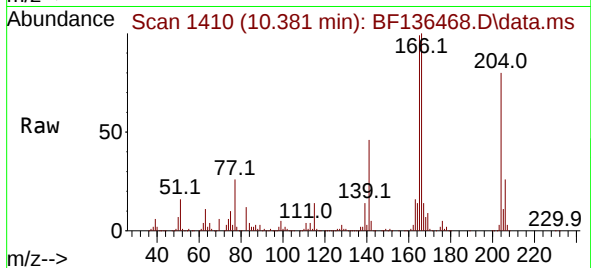




#61
4-Chlorophenyl-phenylether
Concen: 42.509 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

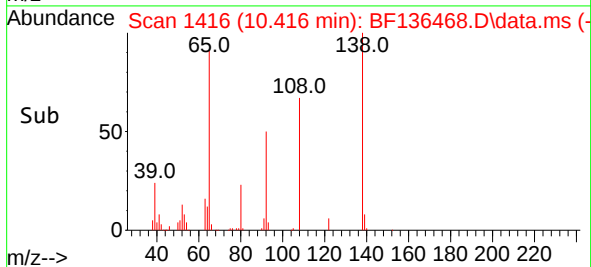
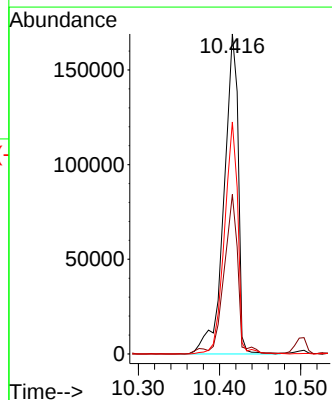
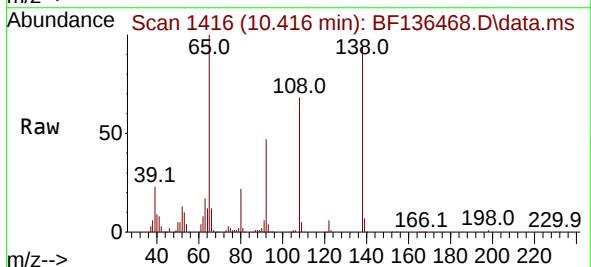
Instrument :
BNA_F
ClientSampleId :
PB157563BS

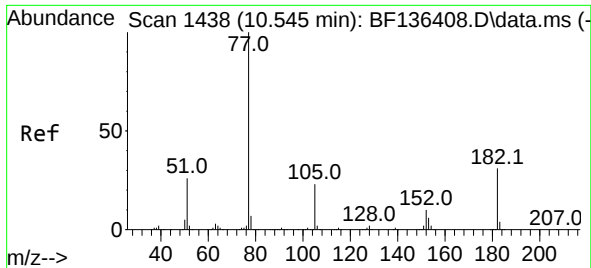
Tgt Ion:204 Resp: 408428
Ion Ratio Lower Upper
204 100
206 32.8 24.6 36.8
141 57.2 50.3 75.5



#62
4-Nitroaniline
Concen: 44.244 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:138 Resp: 206574
Ion Ratio Lower Upper
138 100
92 49.9 25.0 65.0
108 72.5 47.9 87.9

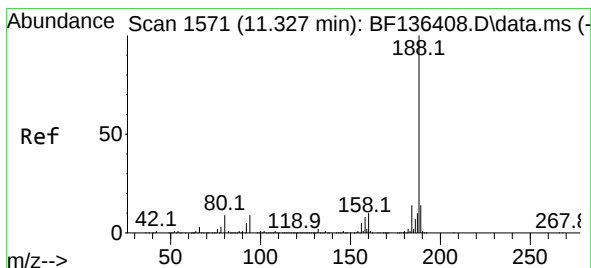
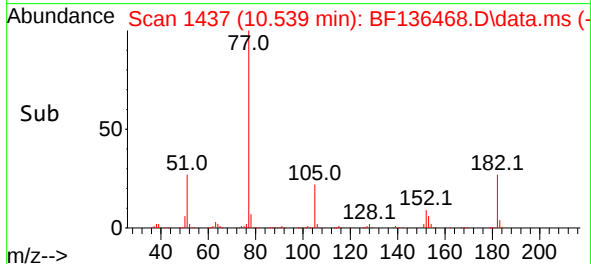
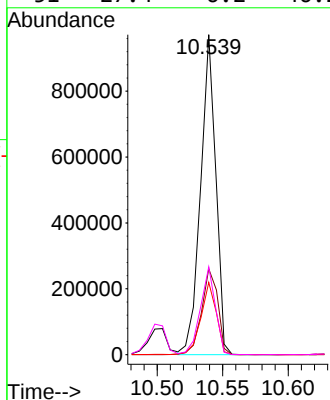
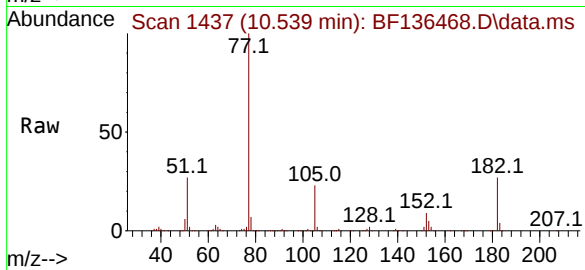




#63
Azobenzene
Concen: 42.900 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

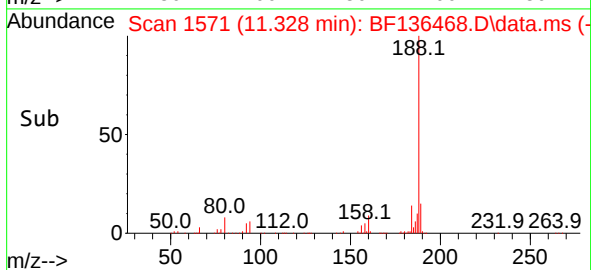
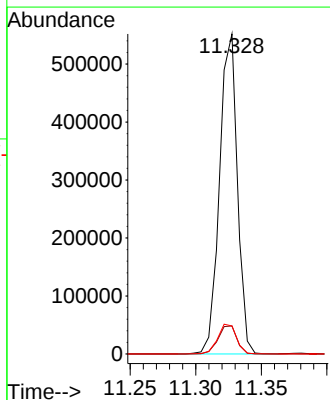
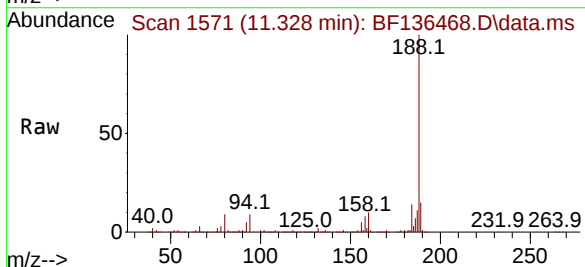
Instrument :
BNA_F
ClientSampleId :
PB157563BS

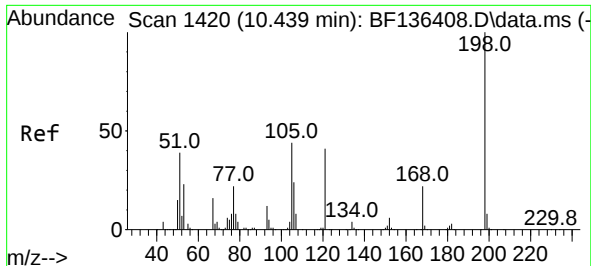
Tgt Ion:	77	Resp:	785900
Ion	Ratio	Lower	Upper
77	100		
182	26.9	10.8	50.8
105	22.6	2.6	42.6
51	27.4	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:	188	Resp:	521180
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	8.7	7.2	10.8

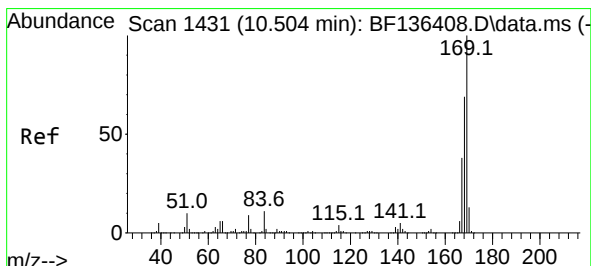
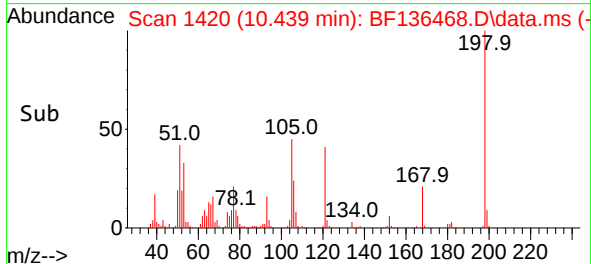
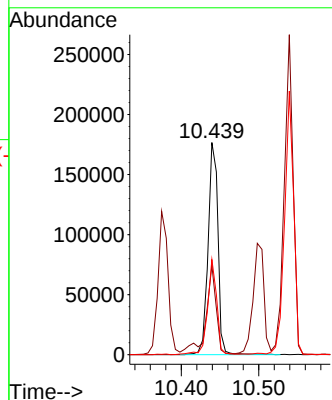
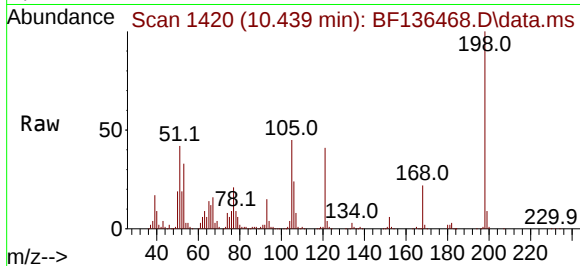




#65
4,6-Dinitro-2-methylphenol
Concen: 48.377 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

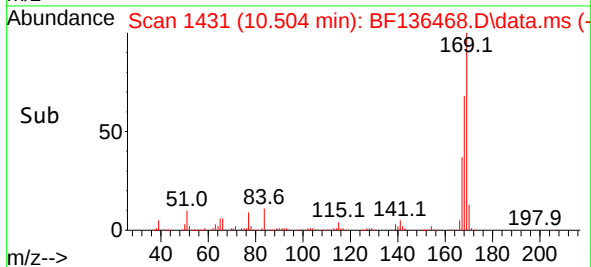
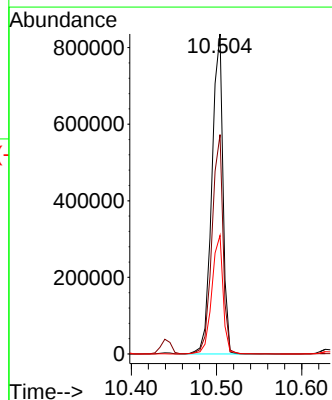
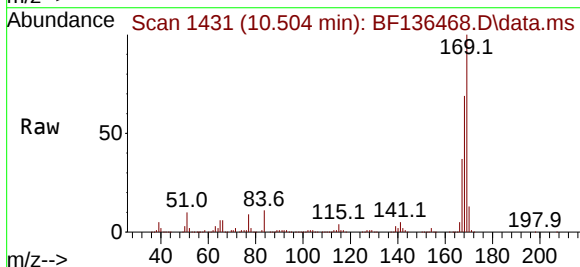
Instrument :
BNA_F
ClientSampleId :
PB157563BS

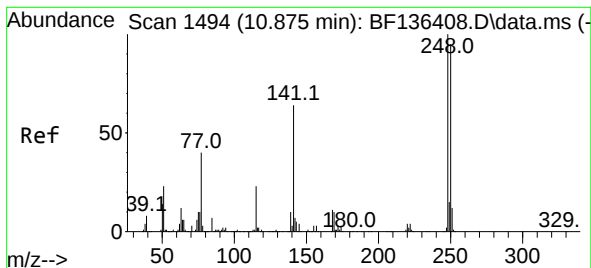
Tgt Ion:198 Resp: 156148
Ion Ratio Lower Upper
198 100
51 42.1 24.1 64.1
105 44.9 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 45.145 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:169 Resp: 754987
Ion Ratio Lower Upper
169 100
168 68.6 55.3 82.9
167 37.1 30.1 45.1

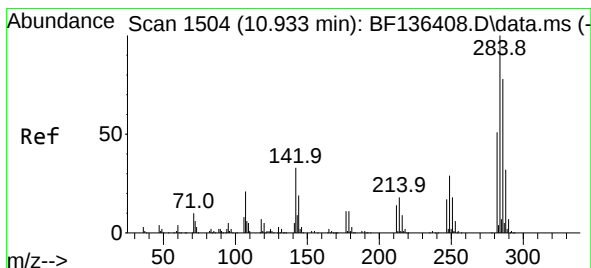
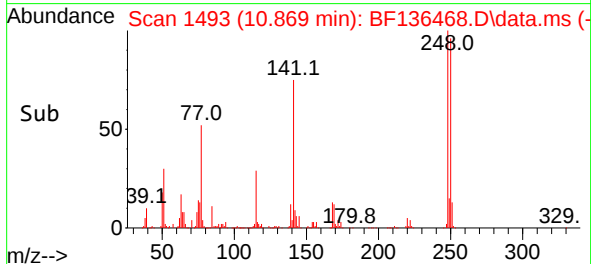
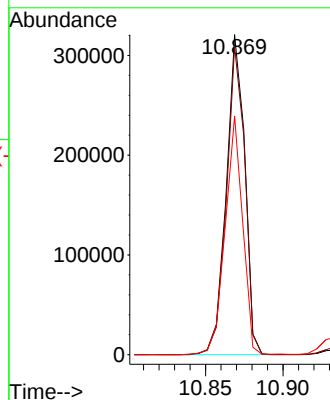
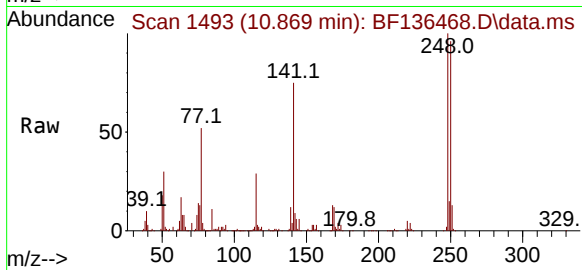




#67
4-Bromophenyl-phenylether
Concen: 43.934 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

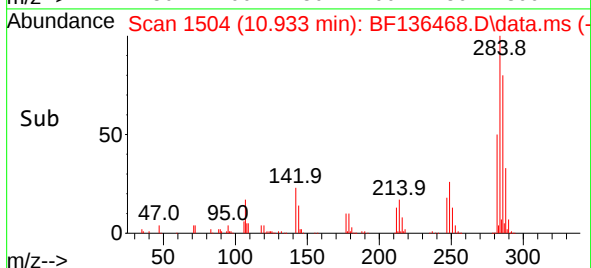
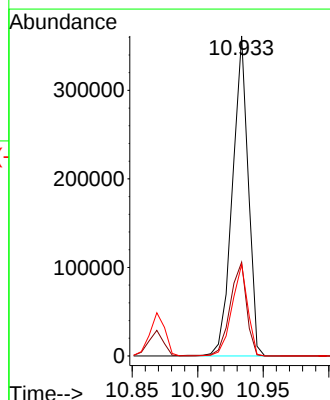
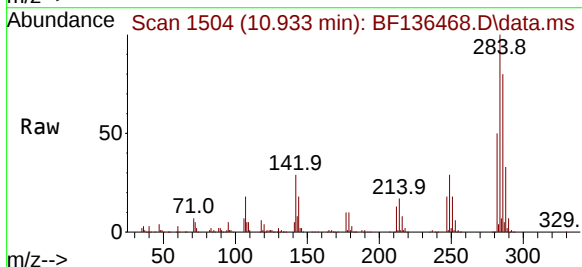
Instrument :
BNA_F
ClientSampleId :
PB157563BS

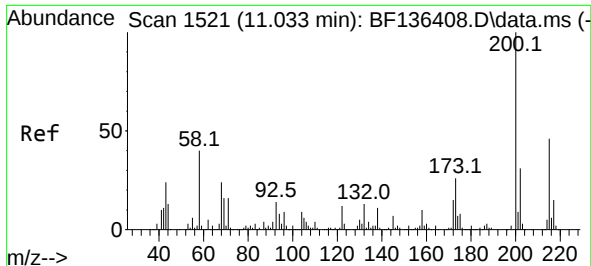
Tgt Ion:248 Resp: 266219
Ion Ratio Lower Upper
248 100
250 96.2 76.2 114.2
141 74.6 51.0 76.4



#68
Hexachlorobenzene
Concen: 43.136 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF136468.D
Acq: 08 Dec 2023 15:33

Tgt Ion:284 Resp: 302104
Ion Ratio Lower Upper
284 100
142 29.3 26.5 39.7
249 28.6 23.4 35.0

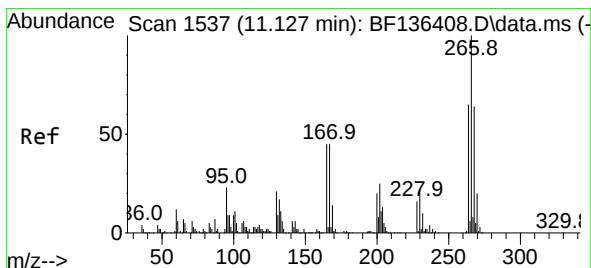
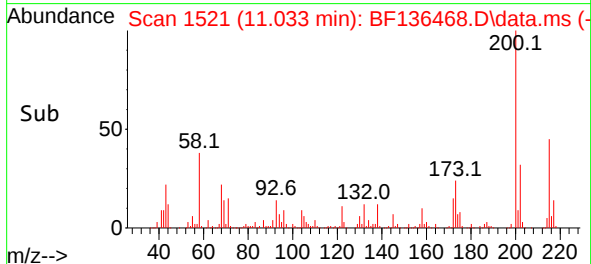
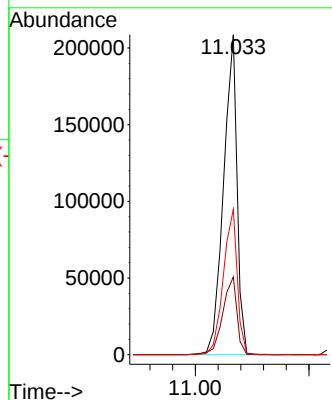
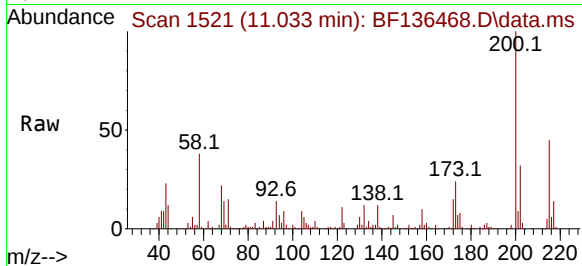




#69
 Atrazine
 Concen: 36.230 ng
 RT: 11.033 min Scan# 1521
 Delta R.T. 0.000 min
 Lab File: BF136468.D
 Acq: 08 Dec 2023 15:33

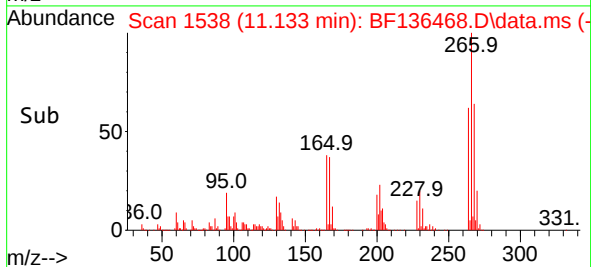
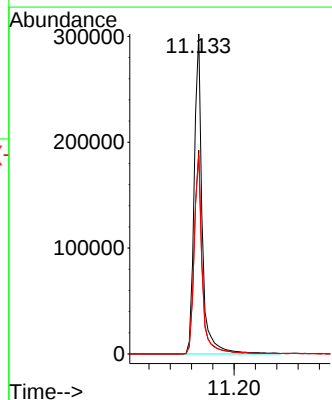
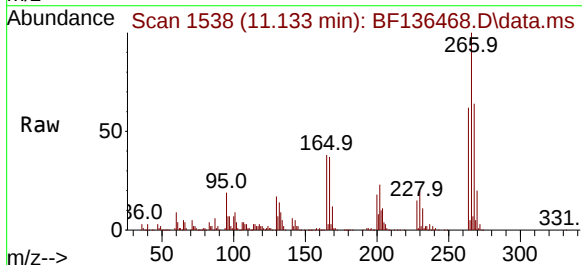
Instrument :
 BNA_F
 ClientSampleId :
 PB157563BS

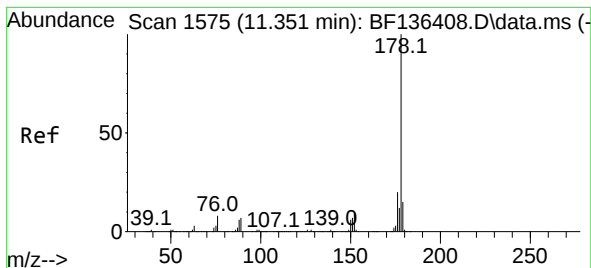
Tgt Ion:200 Resp: 172934
 Ion Ratio Lower Upper
 200 100
 173 24.3 6.0 46.0
 215 45.4 25.5 65.5



#70
 Pentachlorophenol
 Concen: 79.774 ng
 RT: 11.133 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: BF136468.D
 Acq: 08 Dec 2023 15:33

Tgt Ion:266 Resp: 315318
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.0 76.6
 264 62.1 52.2 78.4





#71

Phenanthrene

Concen: 45.236 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

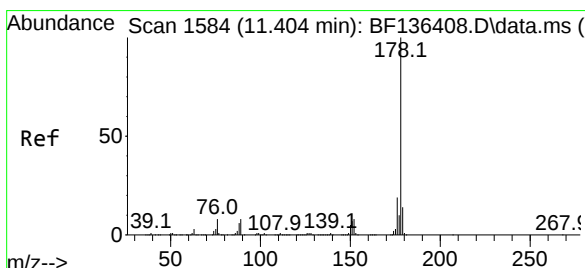
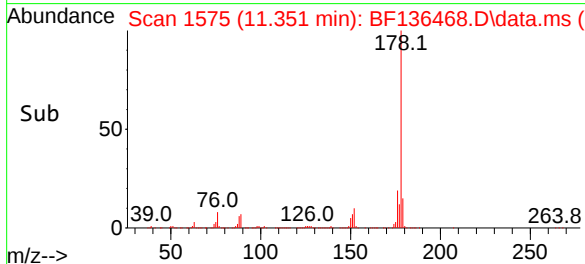
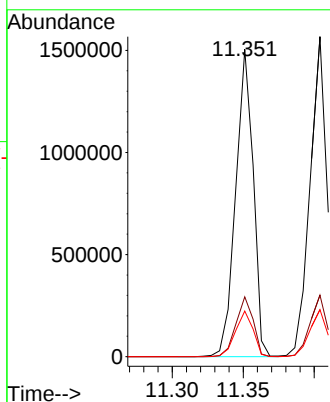
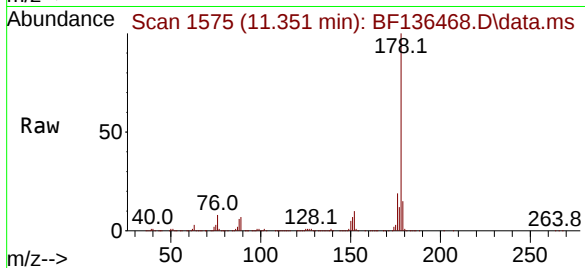
Tgt Ion:178 Resp: 1295850

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 14.8 11.8 17.6



#72

Anthracene

Concen: 44.780 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

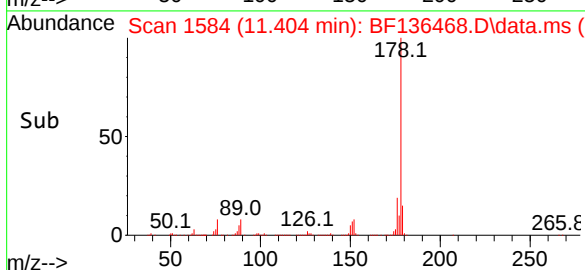
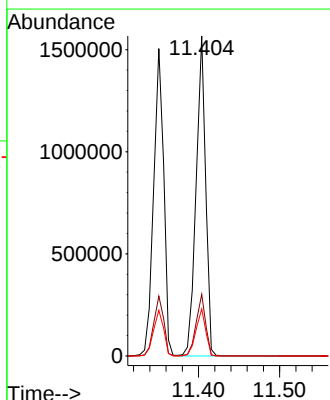
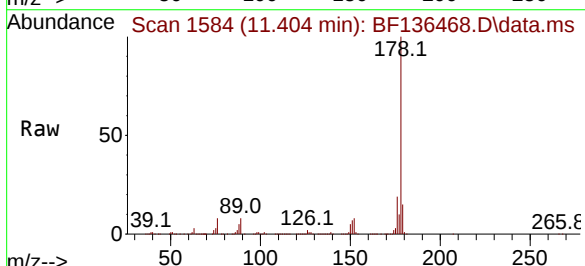
Tgt Ion:178 Resp: 1292043

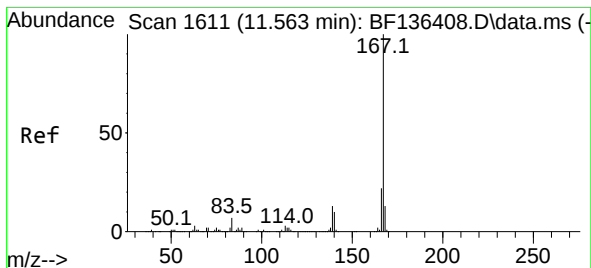
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 14.7 11.4 17.0





#73

Carbazole

Concen: 43.788 ng

RT: 11.563 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

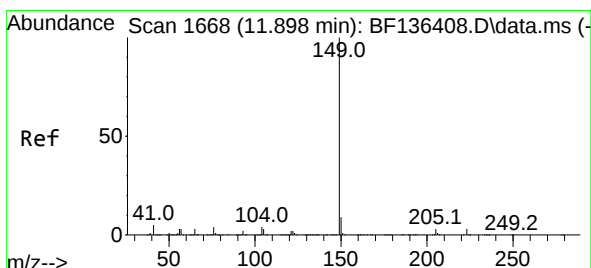
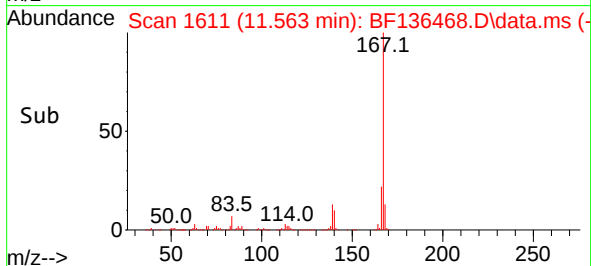
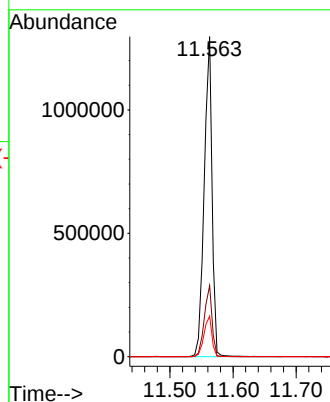
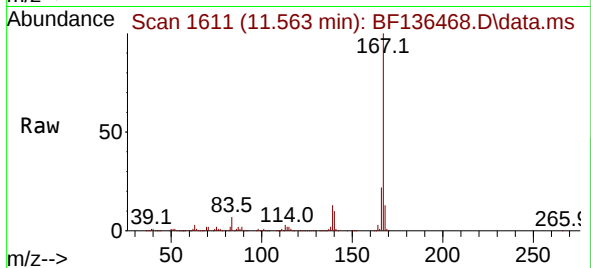
Tgt Ion:167 Resp: 1118213

Ion Ratio Lower Upper

167 100

166 22.2 18.0 27.0

139 12.6 10.2 15.4



#74

Di-n-butylphthalate

Concen: 43.461 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

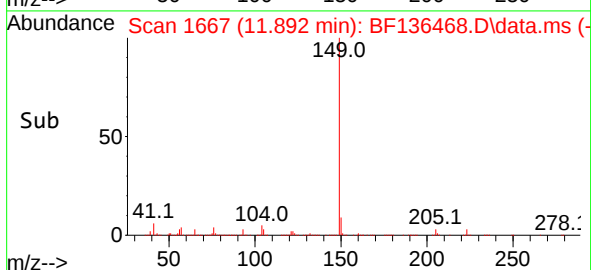
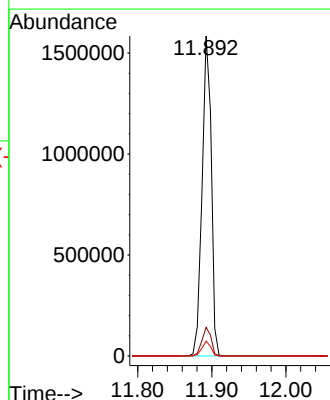
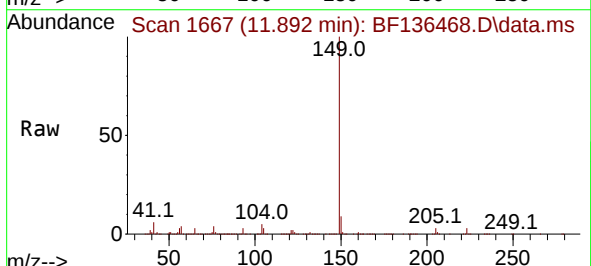
Tgt Ion:149 Resp: 1360604

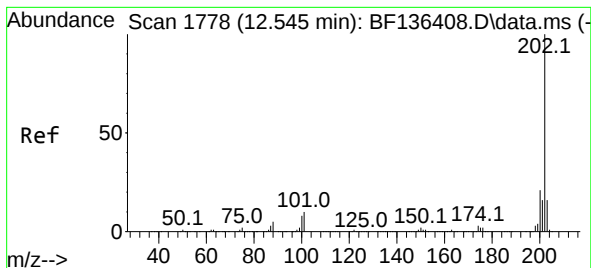
Ion Ratio Lower Upper

149 100

150 8.9 6.9 10.3

104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 42.243 ng

RT: 12.545 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

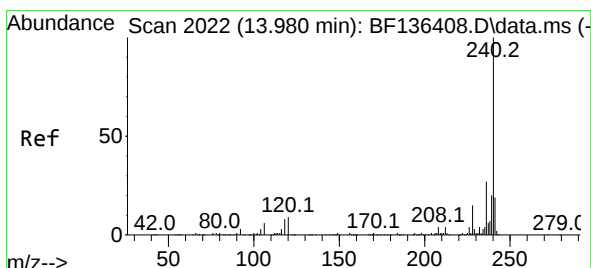
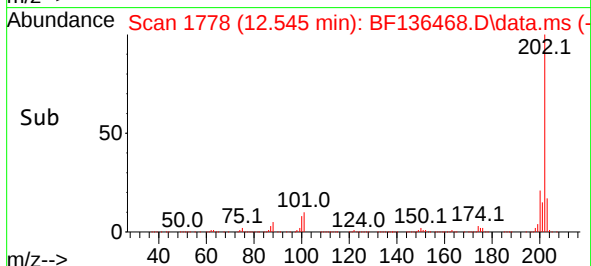
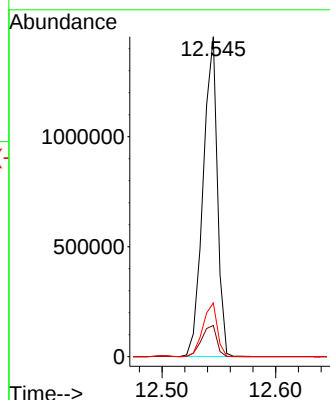
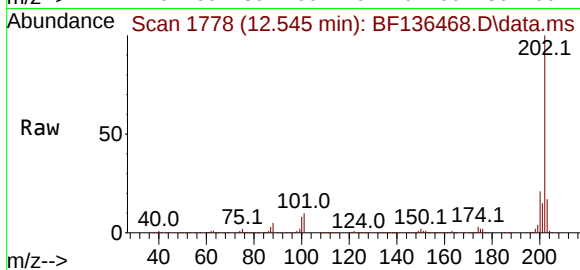
Tgt Ion:202 Resp: 1268118

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.9

203 16.8 0.0 36.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

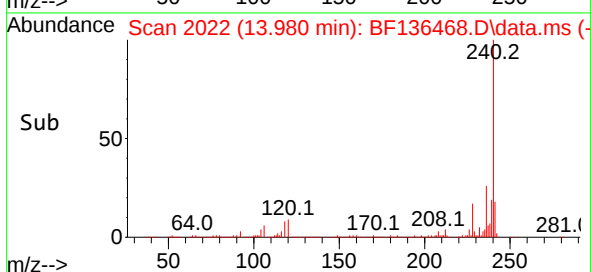
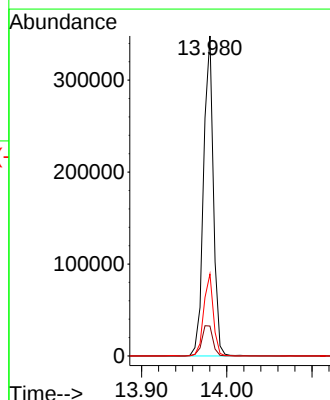
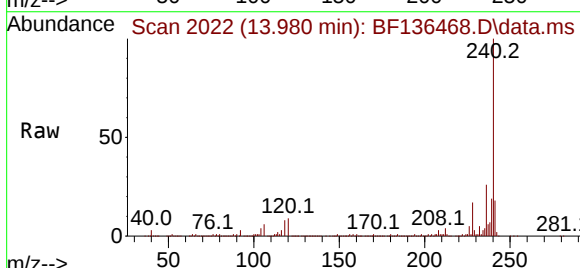
Tgt Ion:240 Resp: 278275

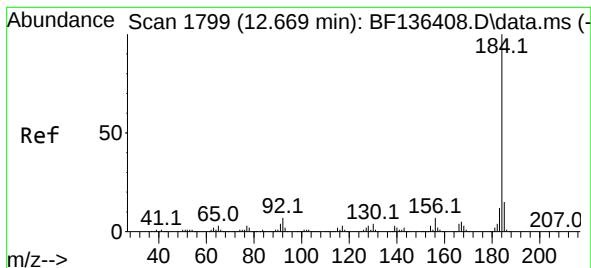
Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 25.6 21.3 31.9





#77

Benzidine

Concen: 33.985 ng

RT: 12.669 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

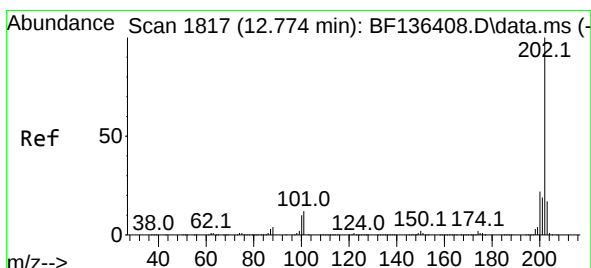
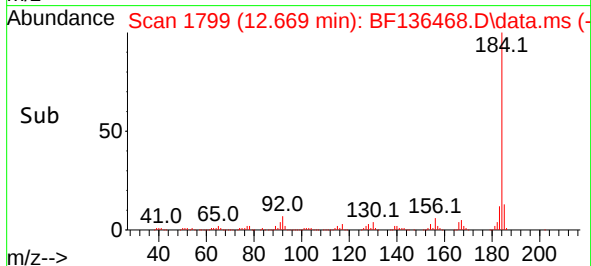
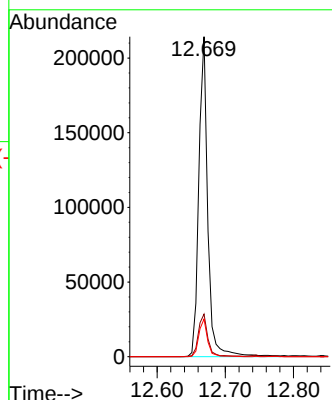
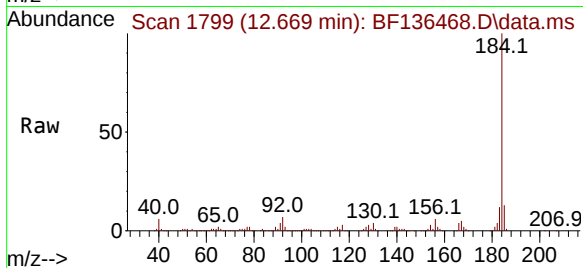
Tgt Ion:184 Resp: 193977

Ion Ratio Lower Upper

184 100

185 13.3 12.0 18.0

183 11.8 9.4 14.0



#78

Pyrene

Concen: 45.749 ng

RT: 12.775 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

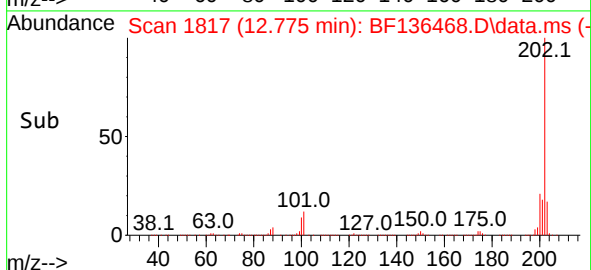
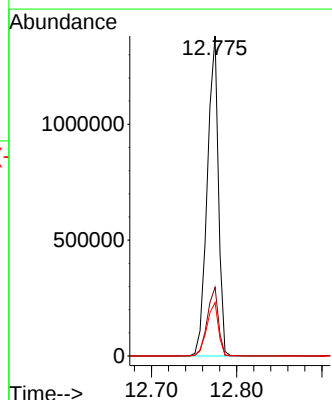
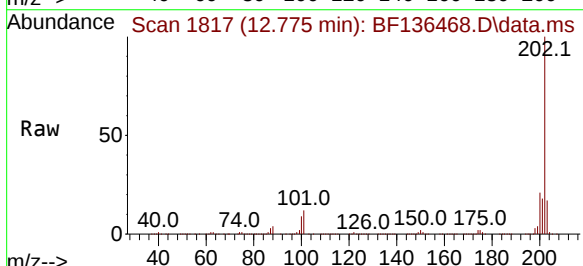
Tgt Ion:202 Resp: 1246810

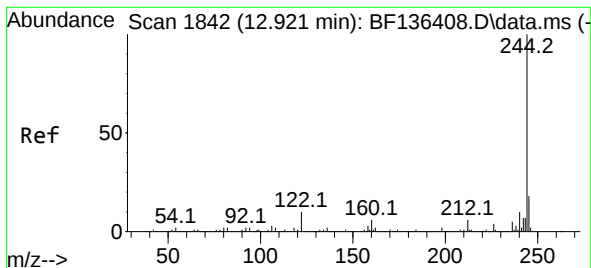
Ion Ratio Lower Upper

202 100

200 21.4 18.0 27.0

203 16.7 13.5 20.3





#79

Terphenyl-d14

Concen: 87.918 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

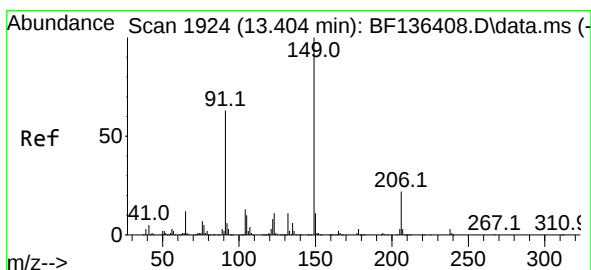
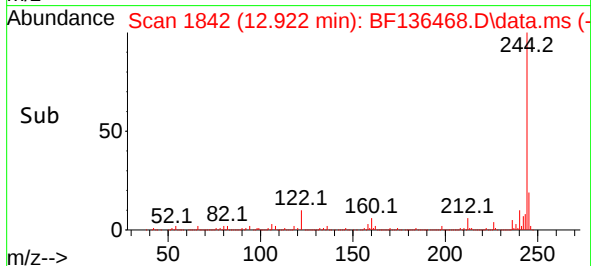
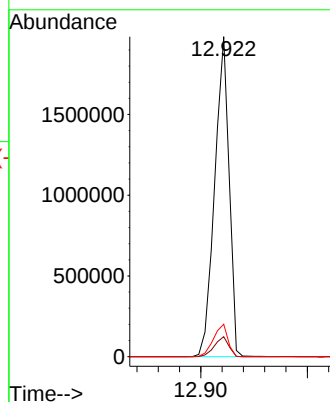
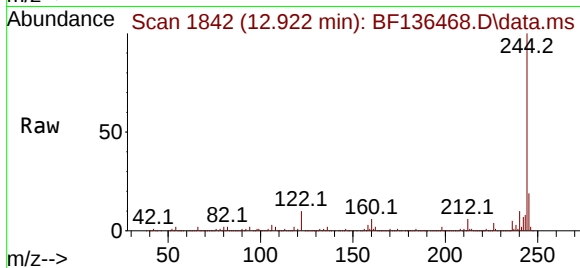
Tgt Ion:244 Resp: 1856193

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 10.1 8.3 12.5



#80

Butylbenzylphthalate

Concen: 46.875 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

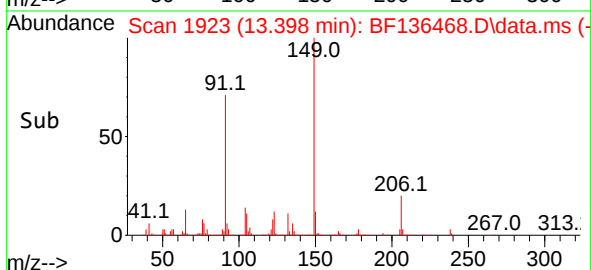
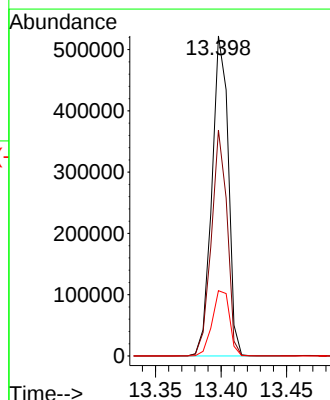
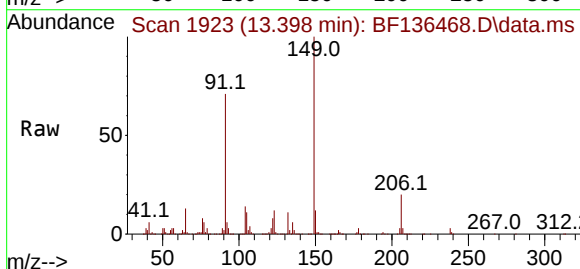
Tgt Ion:149 Resp: 454760

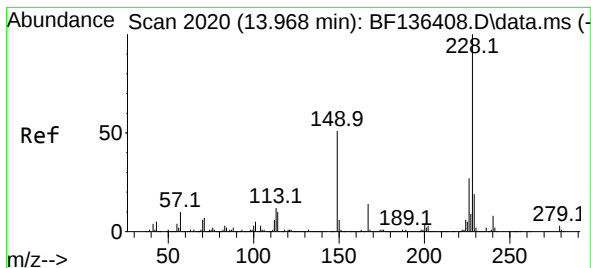
Ion Ratio Lower Upper

149 100

91 70.6 50.5 75.7

206 20.4 17.4 26.2





#81

Benzo(a)anthracene

Concen: 44.442 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

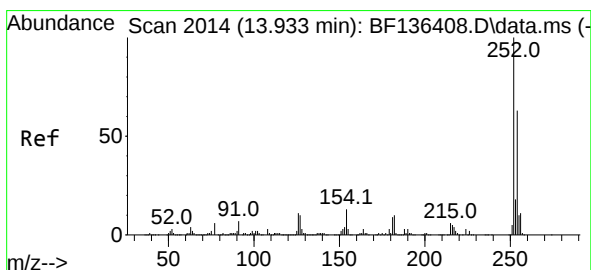
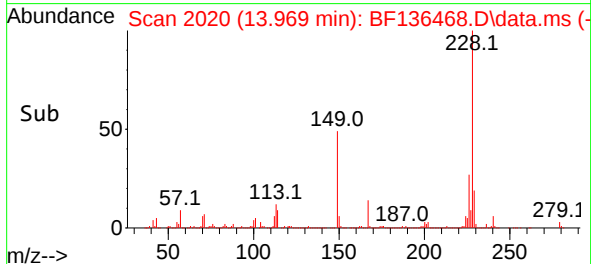
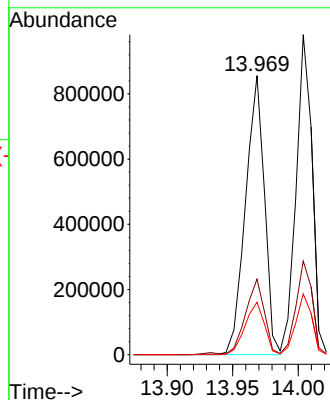
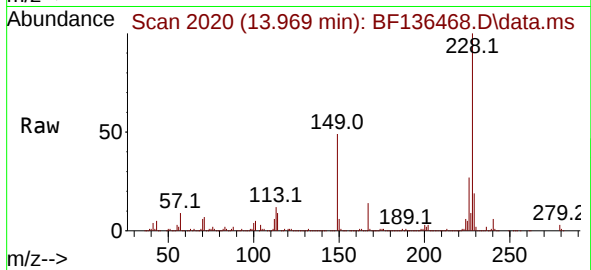
Tgt Ion:228 Resp: 861440

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 18.8 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 50.829 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

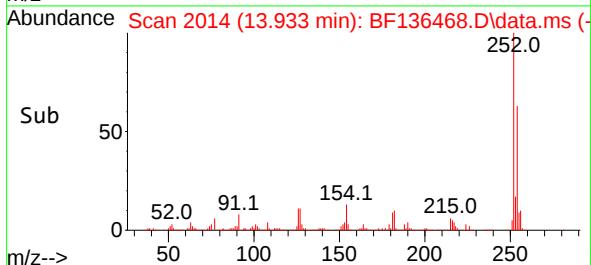
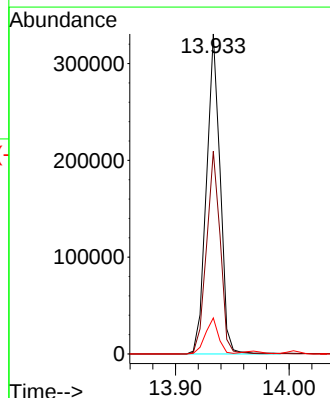
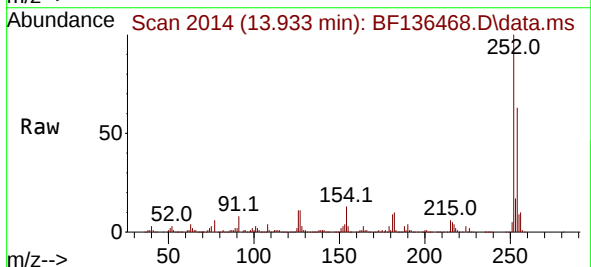
Tgt Ion:252 Resp: 276244

Ion Ratio Lower Upper

252 100

254 63.4 50.8 76.2

126 11.3 8.6 12.8





#83

Chrysene

Concen: 43.463 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

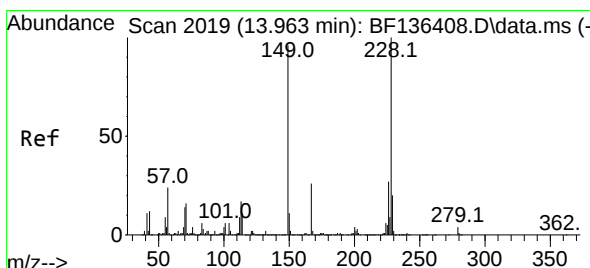
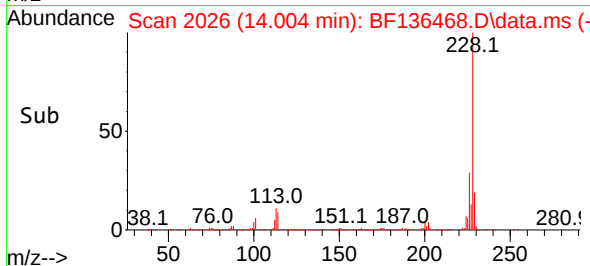
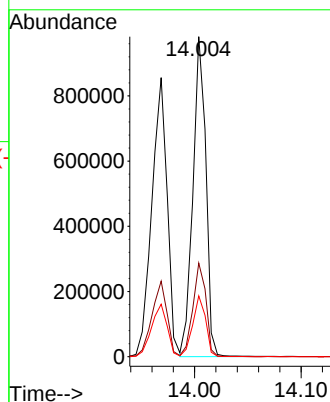
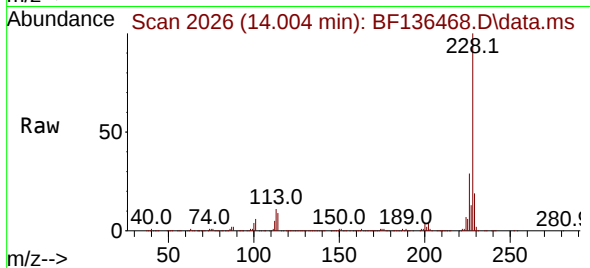
Tgt Ion:228 Resp: 828881

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.0 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.963 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

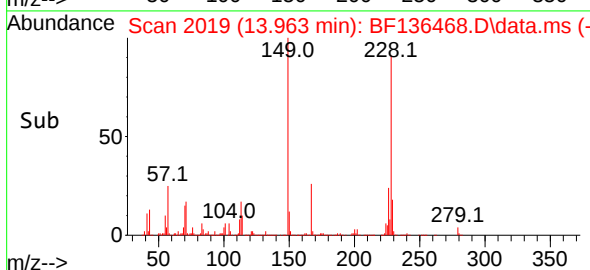
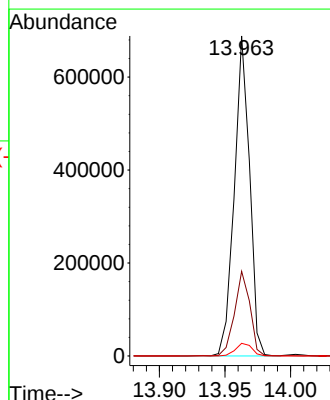
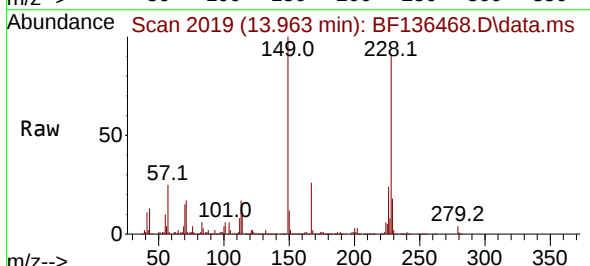
Tgt Ion:149 Resp: 558543

Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 47.477 ng

RT: 14.580 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

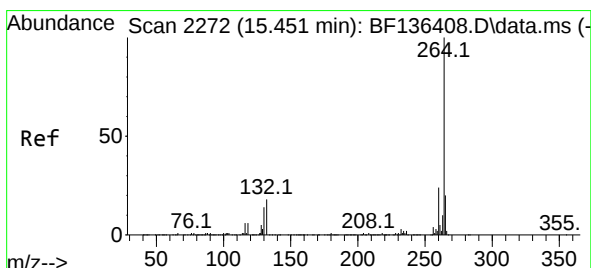
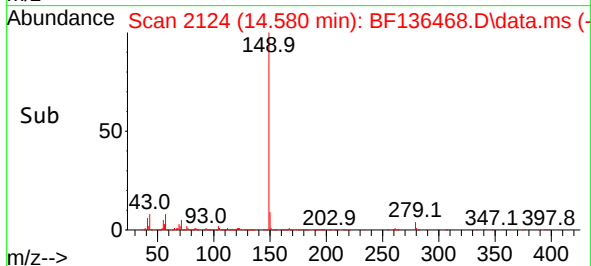
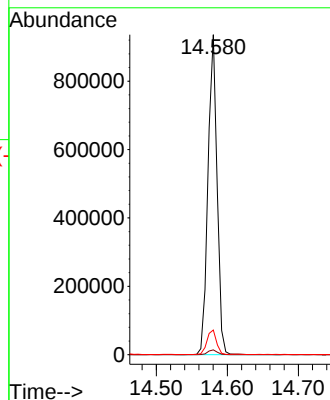
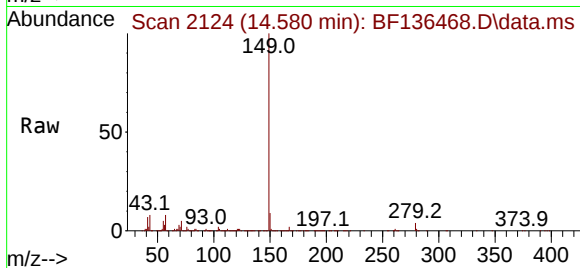
Tgt Ion:149 Resp: 834061

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

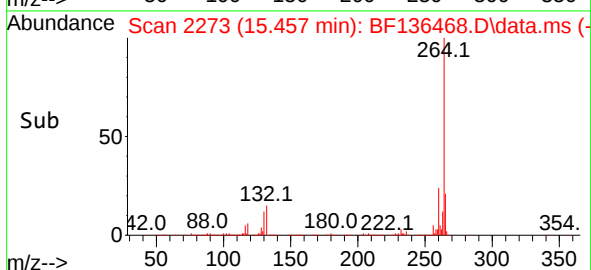
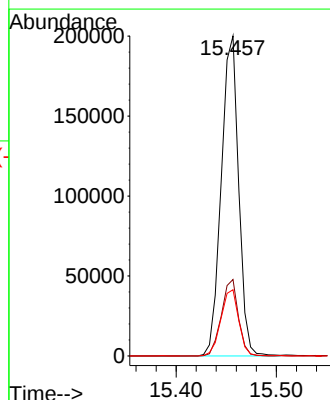
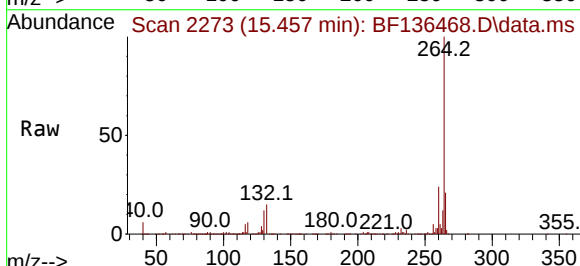
Tgt Ion:264 Resp: 240299

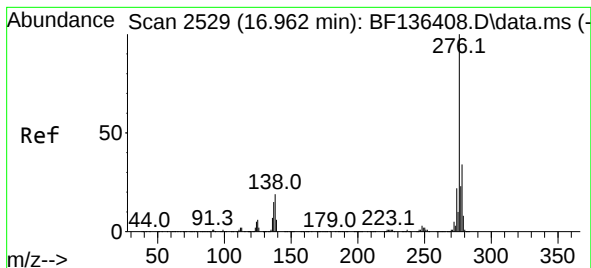
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.7 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.661 ng

RT: 16.962 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

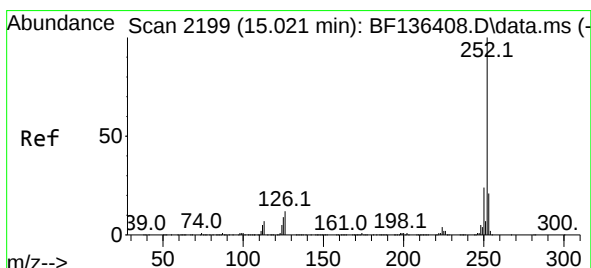
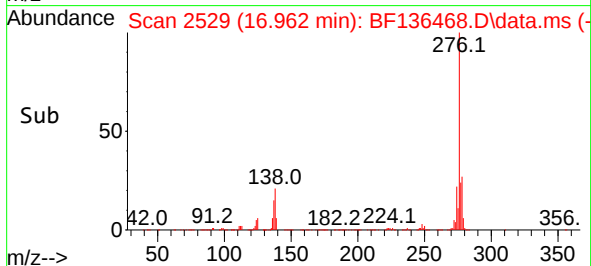
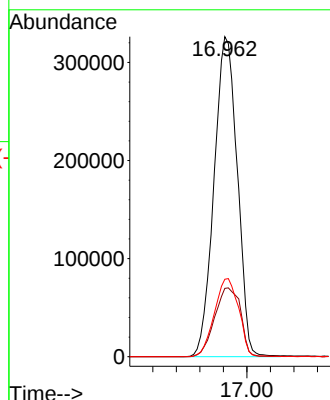
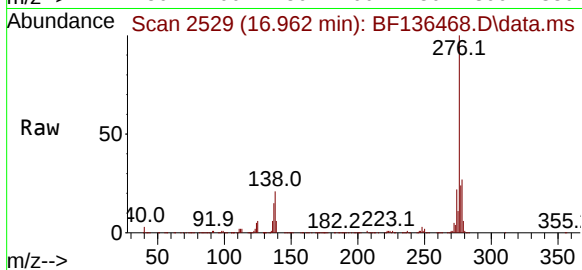
Tgt Ion:276 Resp: 895825

Ion Ratio Lower Upper

276 100

138 24.0 19.0 28.4

277 25.6 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 48.169 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

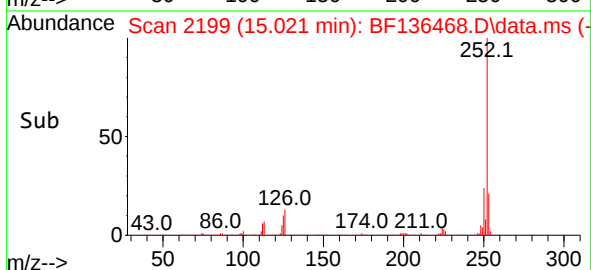
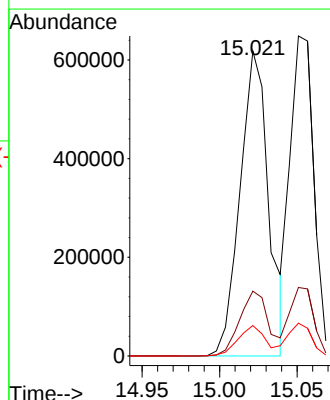
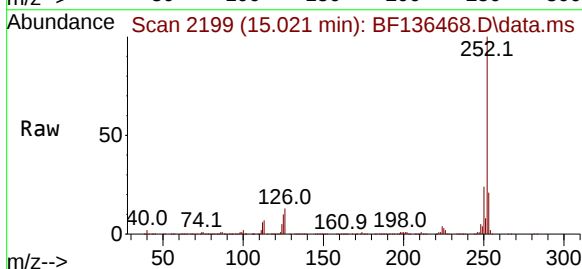
Tgt Ion:252 Resp: 791415

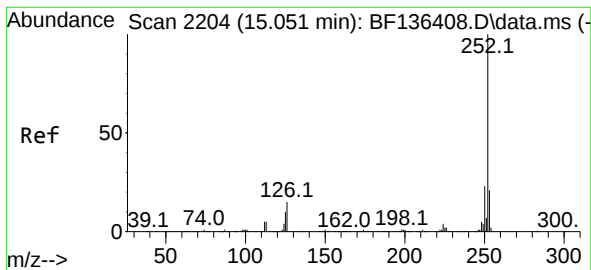
Ion Ratio Lower Upper

252 100

253 21.3 16.9 25.3

125 10.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 44.874 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

Instrument :

BNA_F

ClientSampleId :

PB157563BS

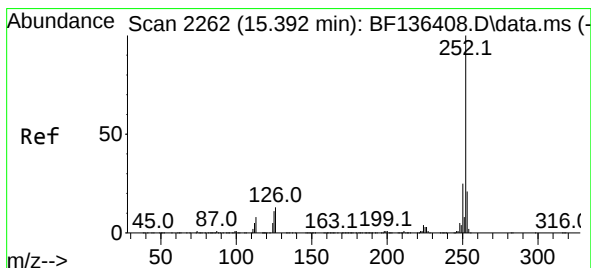
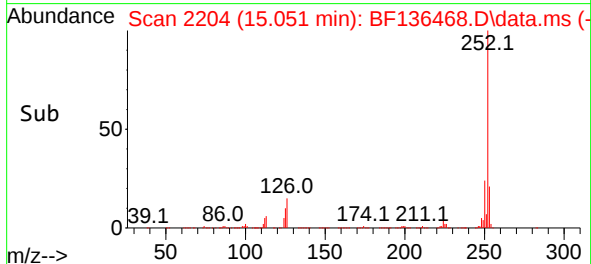
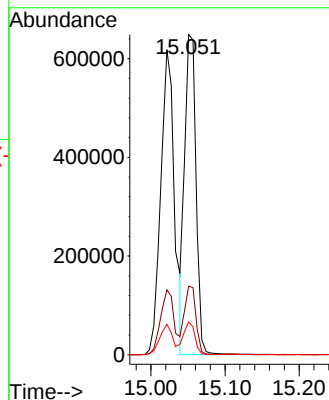
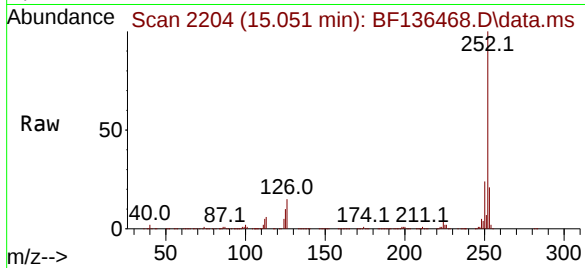
Tgt Ion:252 Resp: 694811

Ion Ratio Lower Upper

252 100

253 21.4 16.9 25.3

125 10.2 7.5 11.3



#90

Benzo(a)pyrene

Concen: 48.412 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF136468.D

Acq: 08 Dec 2023 15:33

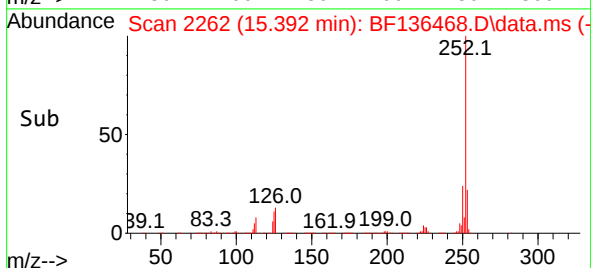
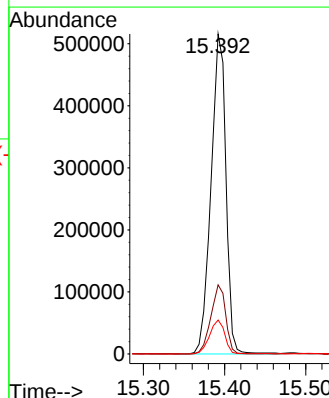
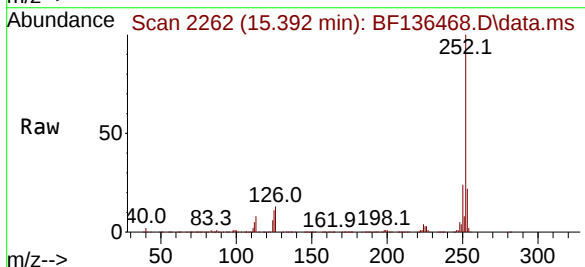
Tgt Ion:252 Resp: 656875

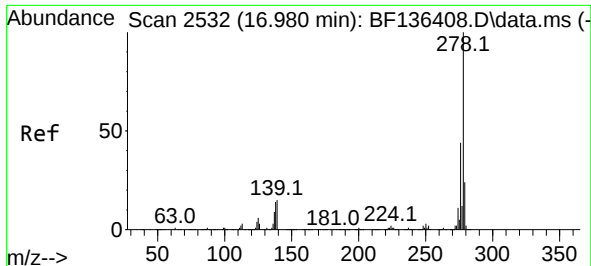
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 10.6 8.6 13.0

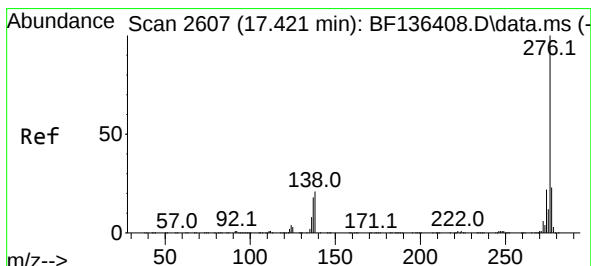
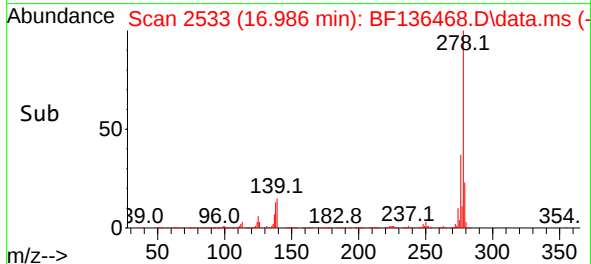
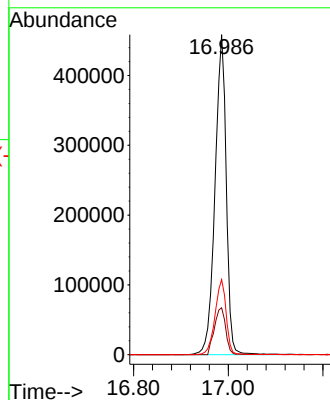
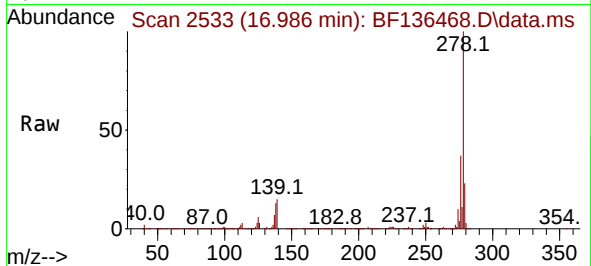




#91
 Dibenzo(a,h)anthracene
 Concen: 55.050 ng
 RT: 16.986 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF136468.D
 Acq: 08 Dec 2023 15:33

Instrument :
 BNA_F
 ClientSampleId :
 PB157563BS

Tgt Ion:278 Resp: 752886
 Ion Ratio Lower Upper
 278 100
 139 14.6 12.2 18.4
 279 23.4 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 53.433 ng
 RT: 17.427 min Scan# 2608
 Delta R.T. 0.006 min
 Lab File: BF136468.D
 Acq: 08 Dec 2023 15:33

Tgt Ion:276 Resp: 750066
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.7 28.1
 138 20.4 16.6 25.0

