

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136610.D
 Acq On : 18 Dec 2023 12:50
 Operator : CG\JU
 Sample : PB157778BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157778BS

Quant Time: Dec 18 13:29:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	128727	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	546681	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	285996	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	527201	20.000	ng	0.00
76) Chrysene-d12	13.974	240	264942	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	242964	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	979077	112.325	ng	0.02
7) Phenol-d6	6.445	99	1205885	110.885	ng	0.01
23) Nitrobenzene-d5	7.357	82	735826	72.765	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	402542	114.152	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1531012	73.045	ng	0.00
79) Terphenyl-d14	12.916	244	1708336	84.987	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	110168	31.955	ng	97
3) Pyridine	3.393	79	255840	30.643	ng	95
4) n-Nitrosodimethylamine	3.351	42	130728	36.040	ng	97
6) Aniline	6.457	93	374446	34.070	ng	# 18
8) 2-Chlorophenol	6.581	128	388547	40.832	ng	100
9) Benzaldehyde	6.345	77	133997	21.766	ng	91
10) Phenol	6.457	94	437187	37.779	ng	83
11) bis(2-Chloroethyl)ether	6.534	93	339502	39.359	ng	95
12) 1,3-Dichlorobenzene	6.734	146	391939	36.625	ng	97
13) 1,4-Dichlorobenzene	6.810	146	397721	36.637	ng	98
14) 1,2-Dichlorobenzene	6.957	146	378721	37.100	ng	98
15) Benzyl Alcohol	6.939	79	307459	42.220	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	403483	36.370	ng	88
17) 2-Methylphenol	7.057	107	306808	39.908	ng	93
18) Hexachloroethane	7.298	117	142106	37.494	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	244789	39.020	ng	97
20) 3+4-Methylphenols	7.210	107	376077	39.412	ng	# 74
22) Acetophenone	7.204	105	521202	38.609	ng	98
24) Nitrobenzene	7.375	77	359967	35.385	ng	96
25) Isophorone	7.616	82	692276	38.104	ng	96
26) 2-Nitrophenol	7.686	139	207507	41.492	ng	99
27) 2,4-Dimethylphenol	7.733	122	336361	54.544	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	437931	39.227	ng	99
29) 2,4-Dichlorophenol	7.933	162	326934	40.165	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	363343	38.281	ng	99
31) Naphthalene	8.092	128	1119076	37.120	ng	99
32) Benzoic acid	7.881	122	236697	38.692	ng	97
33) 4-Chloroaniline	8.145	127	272605	25.364	ng	98
34) Hexachlorobutadiene	8.204	225	207386	36.868	ng	99
35) Caprolactam	8.528	113	69425	27.696	ng	90
36) 4-Chloro-3-methylphenol	8.639	107	348070	40.274	ng	98
37) 2-Methylnaphthalene	8.786	142	738768	38.519	ng	94
38) 1-Methylnaphthalene	8.886	142	687971	36.555	ng	95
40) 1,2,4,5-Tetrachloroben...	8.951	216	359580	40.412	ng	99
41) Hexachlorocyclopentadiene	8.933	237	343689	104.263	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	236427	40.809	ng	98

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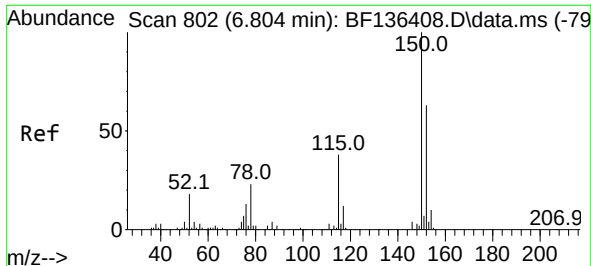
Quant Time: Dec 18 13:29:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	255711	39.546	ng	97
46) 1,1'-Biphenyl	9.251	154	951519	39.100	ng	98
47) 2-Chloronaphthalene	9.275	162	723600	38.203	ng	96
48) 2-Nitroaniline	9.375	65	199759	39.323	ng	97
49) Acenaphthylene	9.692	152	1038502	38.489	ng	99
50) Dimethylphthalate	9.557	163	857554	40.727	ng	98
51) 2,6-Dinitrotoluene	9.622	165	187782	39.641	ng	96
52) Acenaphthene	9.863	154	669221	38.706	ng	95
53) 3-Nitroaniline	9.792	138	154532	31.946	ng	97
54) 2,4-Dinitrophenol	9.904	184	204216	85.267	ng	92
55) Dibenzofuran	10.039	168	964515	38.186	ng	99
56) 4-Nitrophenol	9.969	139	275093	75.861	ng	97
57) 2,4-Dinitrotoluene	10.027	165	240353	38.355	ng #	91
58) Fluorene	10.380	166	779309	38.435	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	217425	41.978	ng	99
60) Diethylphthalate	10.263	149	821500	39.676	ng	98
61) 4-Chlorophenyl-phenyle...	10.374	204	391017	39.559	ng	93
62) 4-Nitroaniline	10.410	138	188925	39.333	ng	98
63) Azobenzene	10.533	77	714294	37.902	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	145910	44.689	ng	97
66) n-Nitrosodiphenylamine	10.498	169	703240	41.571	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	254459	41.513	ng	95
68) Hexachlorobenzene	10.927	284	282535	39.881	ng	99
69) Atrazine	11.033	200	302405	62.632	ng	99
70) Pentachlorophenol	11.133	266	275952	69.017	ng	98
71) Phenanthrene	11.351	178	1155907	39.890	ng	99
72) Anthracene	11.398	178	1177927	40.359	ng	99
73) Carbazole	11.557	167	1002375	38.803	ng	99
74) Di-n-butylphthalate	11.886	149	1305454	41.223	ng	99
75) Fluoranthene	12.539	202	1125216	37.054	ng	97
77) Benzidine	12.663	184	229000	38.742	ng	98
78) Pyrene	12.768	202	1106867	42.658	ng	98
80) Butylbenzylphthalate	13.392	149	418957	45.357	ng	95
81) Benzo(a)anthracene	13.963	228	747205	40.488	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	227118	43.893	ng	98
83) Chrysene	14.004	228	716164	39.443	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	534655	47.217	ng	100
85) Di-n-octyl phthalate	14.574	149	809998	48.428	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	843847	49.993	ng	99
88) Benzo(b)fluoranthene	15.021	252	664485	40.000	ng	98
89) Benzo(k)fluoranthene	15.051	252	654544	41.809	ng	99
90) Benzo(a)pyrene	15.392	252	600799	43.793	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	705195	50.997	ng	99
92) Benzo(g,h,i)perylene	17.433	276	702732	49.512	ng	99

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

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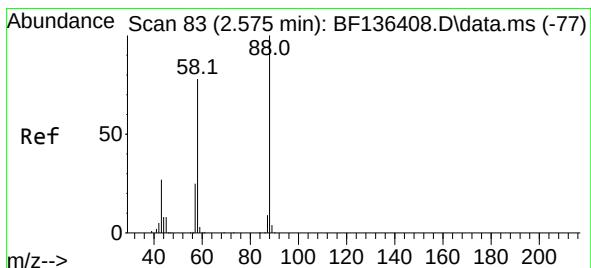
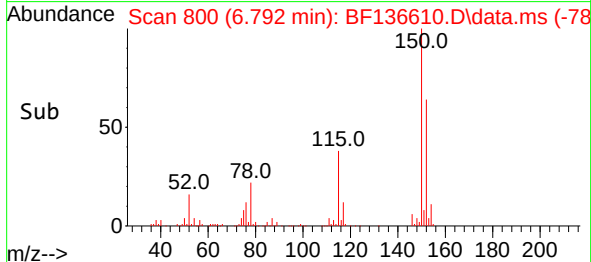
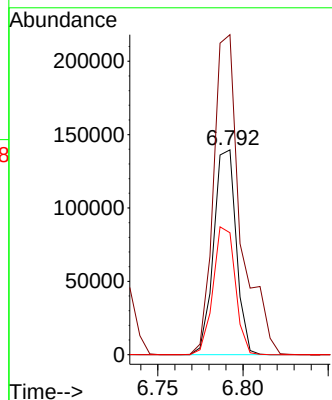
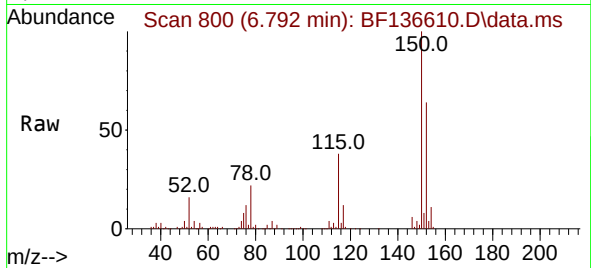




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BF136610.D
 Acq: 18 Dec 2023 12:50

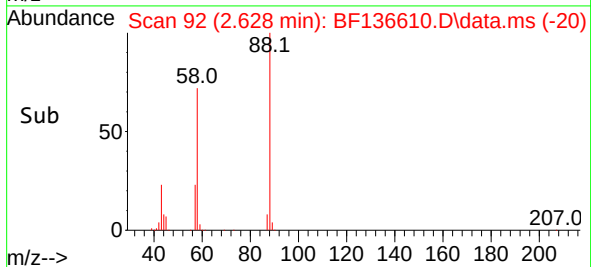
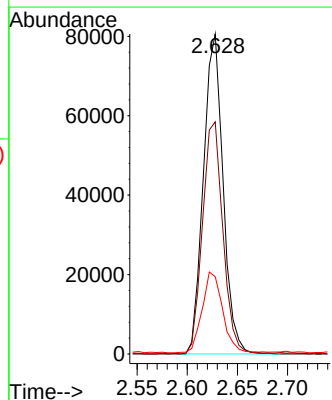
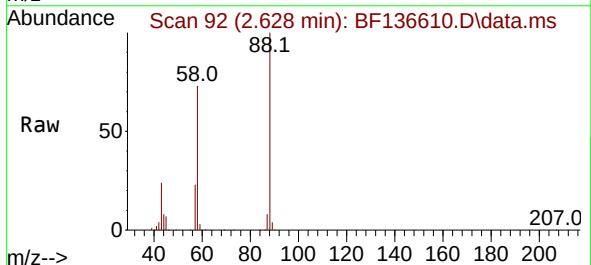
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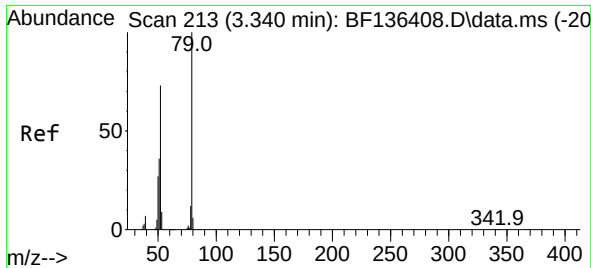
Tgt Ion:152 Resp: 128727
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.4 189.6
 115 59.5 48.2 72.4



#2
 1,4-Dioxane
 Concen: 31.955 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.076 min
 Lab File: BF136610.D
 Acq: 18 Dec 2023 12:50

Tgt Ion: 88 Resp: 110168
 Ion Ratio Lower Upper
 88 100
 58 75.1 62.2 93.2
 43 26.3 21.5 32.3

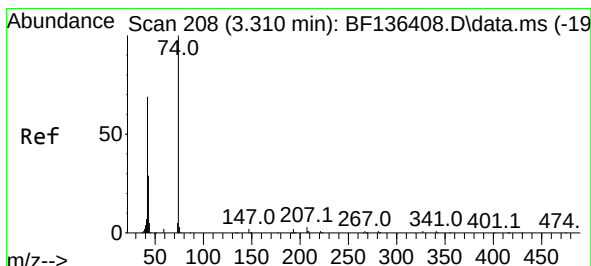
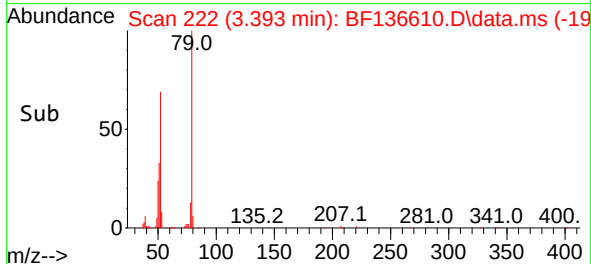
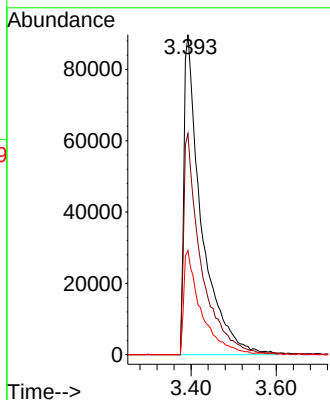
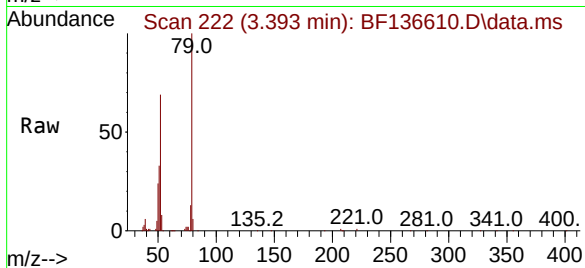




#3
Pyridine
Concen: 30.643 ng
RT: 3.393 min Scan# 213
Delta R.T. 0.082 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

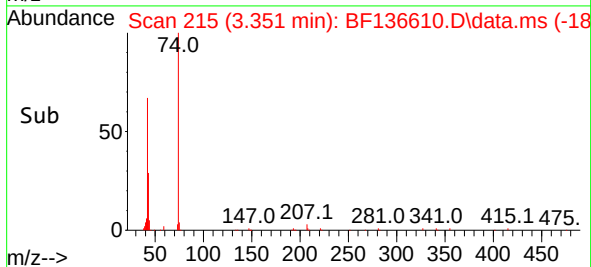
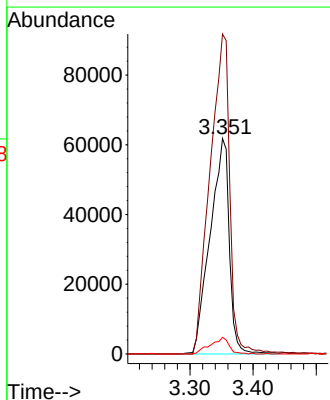
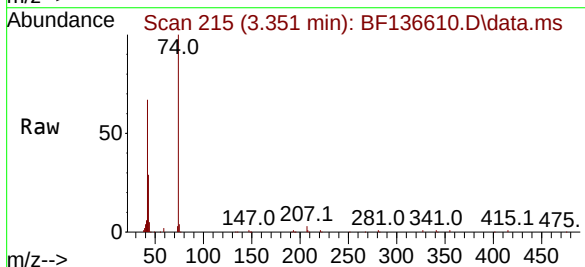
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BNA_F
ClientSampleId :
PB157778BS

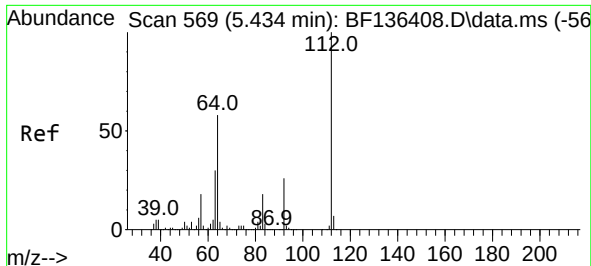
Tgt Ion: 79 Resp: 255840
Ion Ratio Lower Upper
79 100
52 69.1 58.2 87.2
51 32.5 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 36.040 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.065 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion: 42 Resp: 130728
Ion Ratio Lower Upper
42 100
74 148.5 115.4 173.0
44 7.7 6.2 9.2

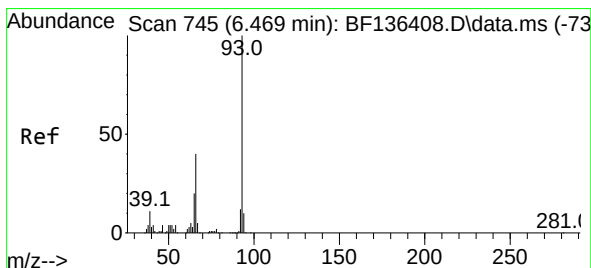
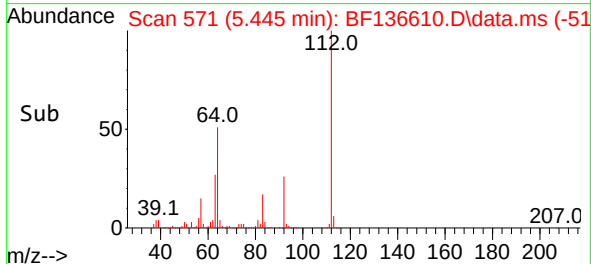
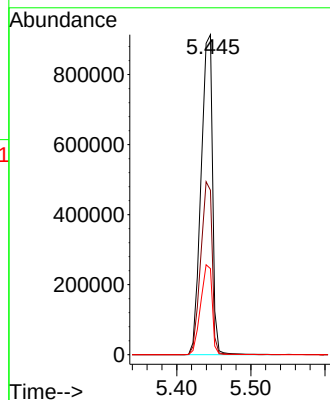
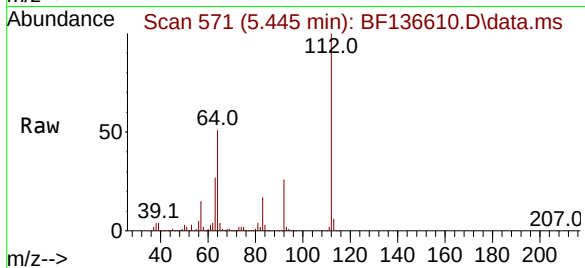




#5
2-Fluorophenol
Concen: 112.325 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

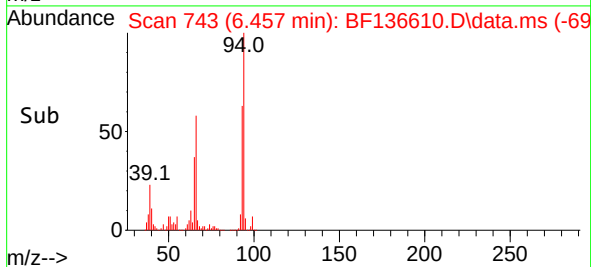
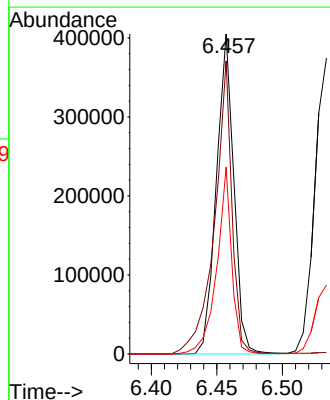
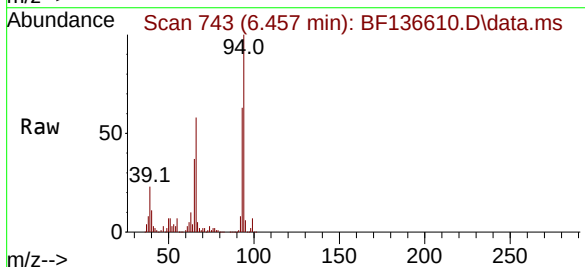
Instrument :
BNA_F
ClientSampleId :
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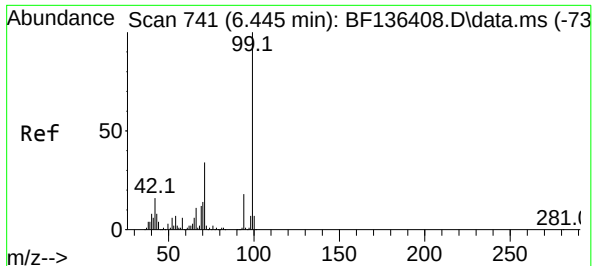
Tgt Ion:112 Resp: 979077
Ion Ratio Lower Upper
112 100
64 51.4 46.5 69.7
63 26.9 23.9 35.9



#6
Aniline
Concen: 34.070 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion: 93 Resp: 374446
Ion Ratio Lower Upper
93 100
66 91.6 32.5 48.7#
65 58.4 16.4 24.6#



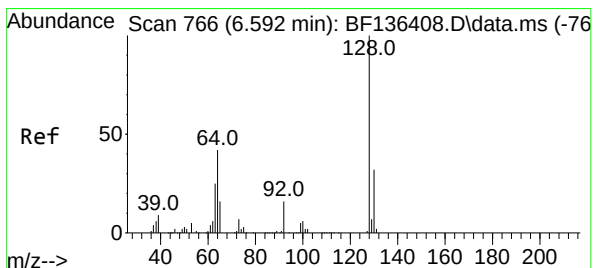
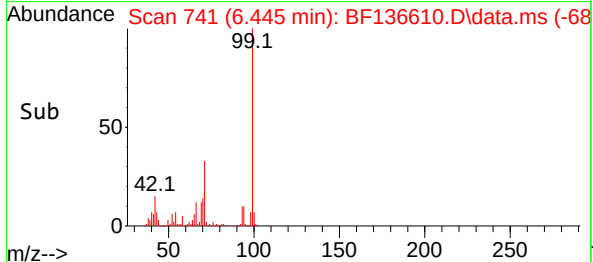
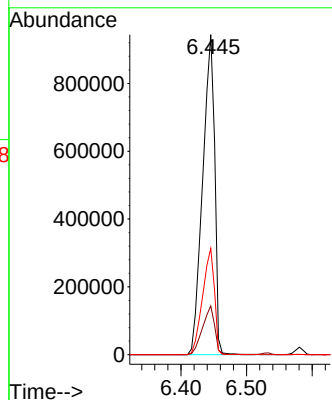
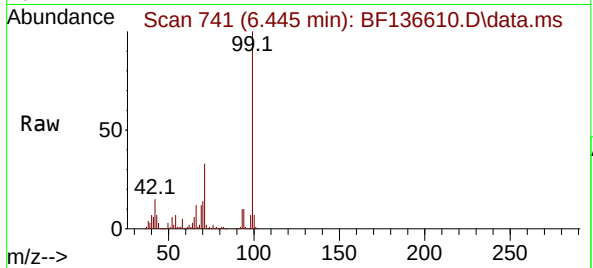


#7
Phenol-d6
Concen: 110.885 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157778BS

Tgt Ion: 99 Resp: 1205885

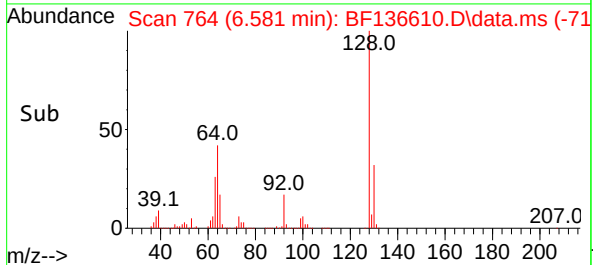
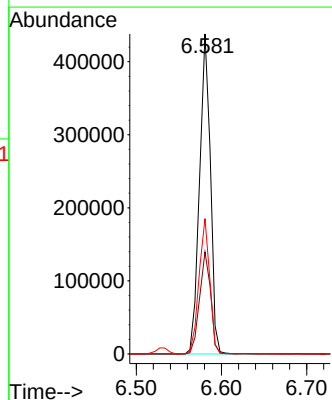
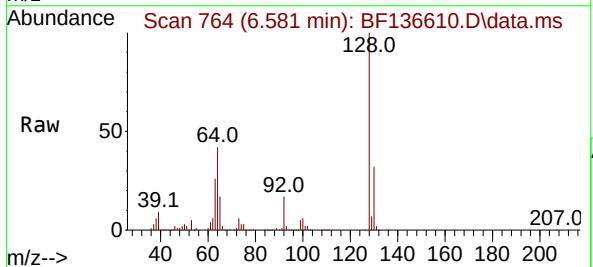
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.8	19.2
71	33.2	27.0	40.4

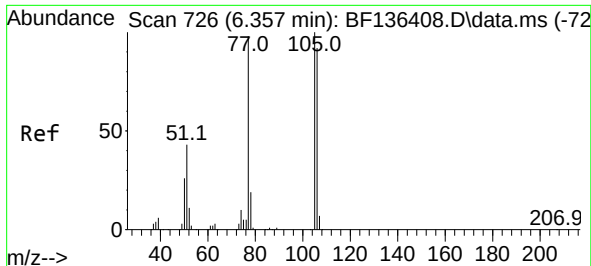


#8
2-Chlorophenol
Concen: 40.832 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion: 128 Resp: 388547

Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.7	51.7
64	42.3	22.5	62.5

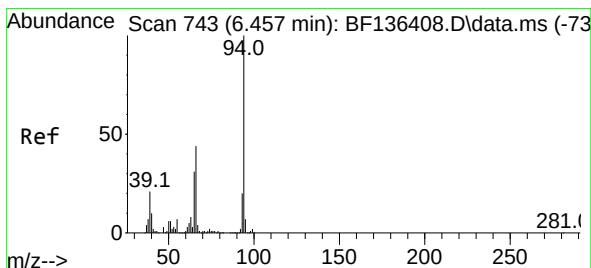
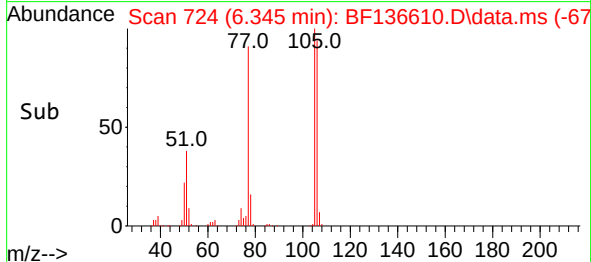
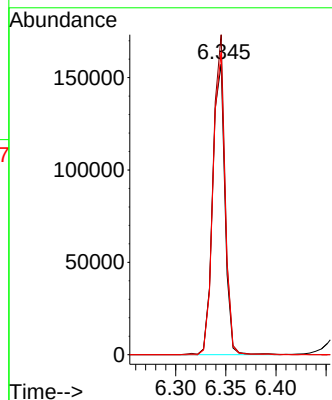
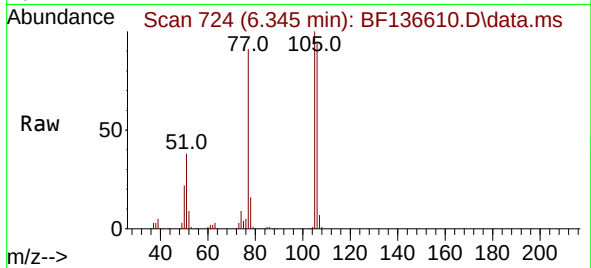




#9
Benzaldehyde
Concen: 21.766 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

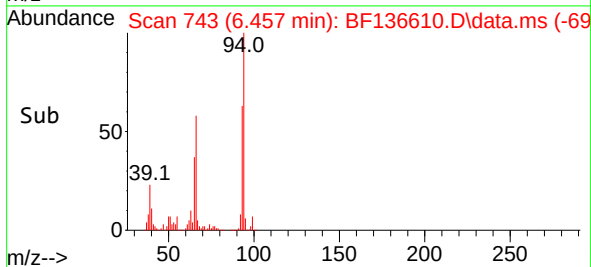
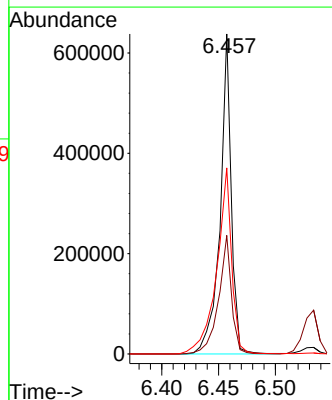
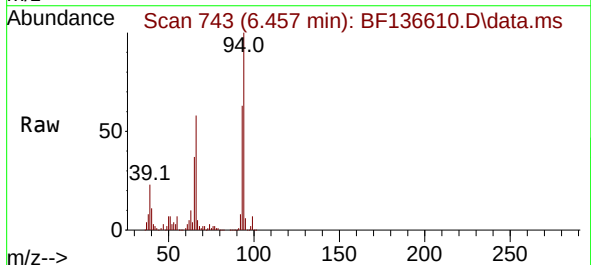
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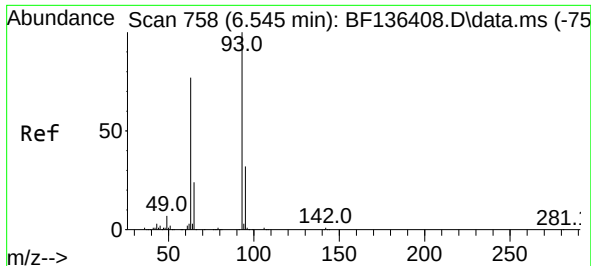
Tgt Ion: 77 Resp: 133997
Ion Ratio Lower Upper
77 100
105 110.1 82.5 122.5
106 104.1 74.5 114.5



#10
Phenol
Concen: 37.779 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion: 94 Resp: 437187
Ion Ratio Lower Upper
94 100
65 37.1 11.2 51.2
66 58.1 24.2 64.2

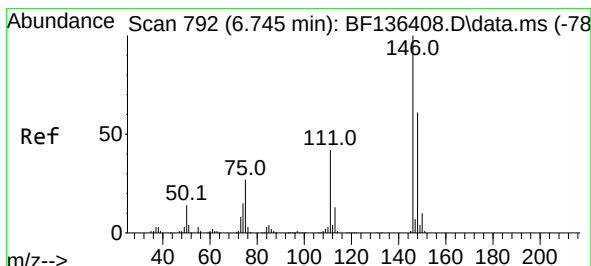
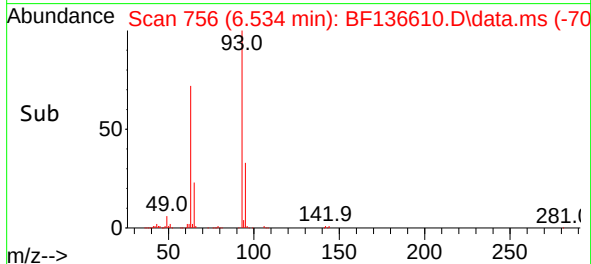
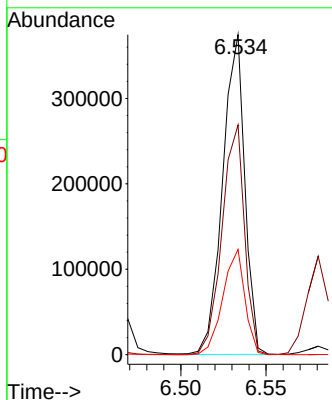
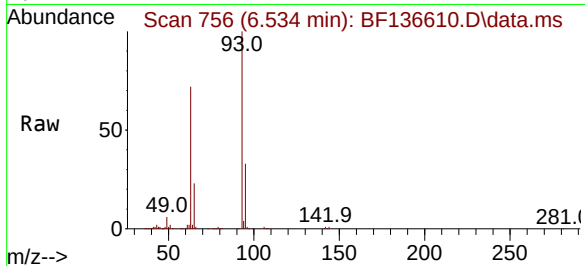




#11
bis(2-Chloroethyl)ether
Concen: 39.359 ng
RT: 6.534 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

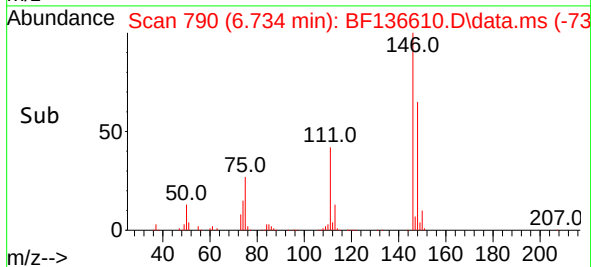
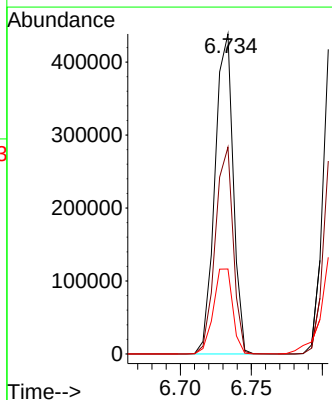
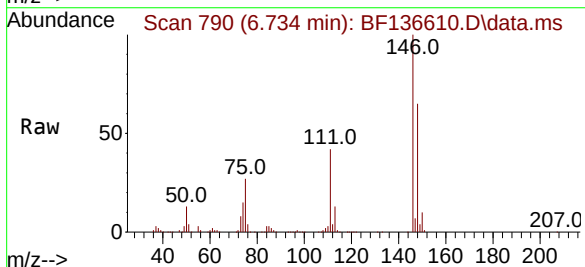
Instrument :
BNA_F
ClientSampleId :
PB157778BS

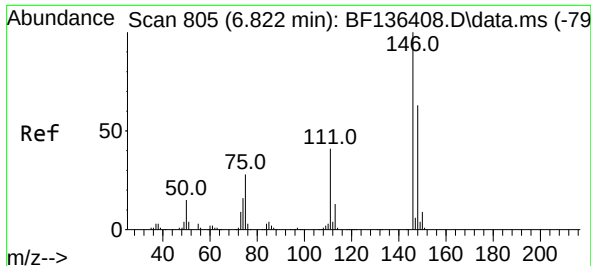
Tgt Ion: 93 Resp: 339502
Ion Ratio Lower Upper
93 100
63 71.8 56.8 96.8
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.625 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:146 Resp: 391939
Ion Ratio Lower Upper
146 100
148 64.6 49.0 73.6
75 26.6 21.8 32.6

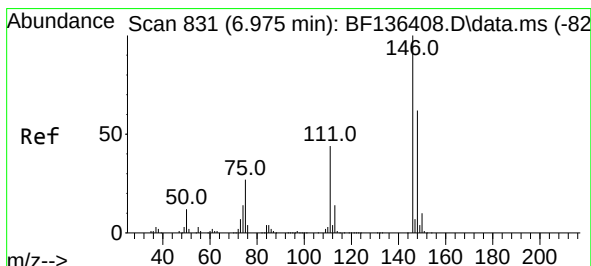
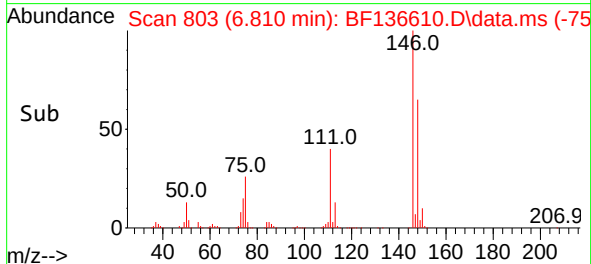
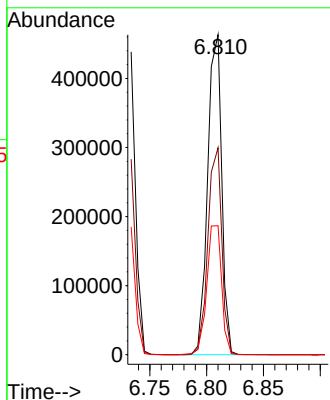
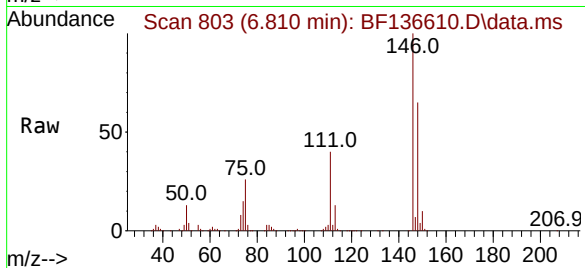




#13
1,4-Dichlorobenzene
Concen: 36.637 ng
RT: 6.810 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

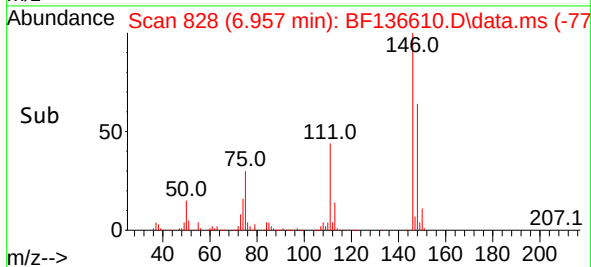
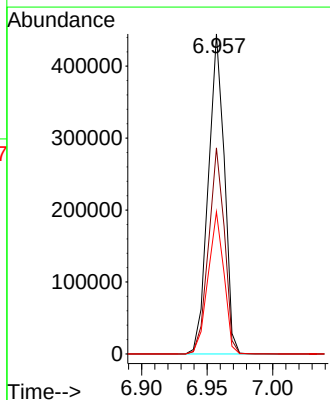
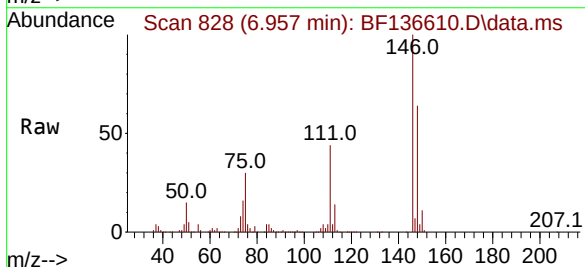
Instrument :
BNA_F
ClientSampleId :
PB157778BS

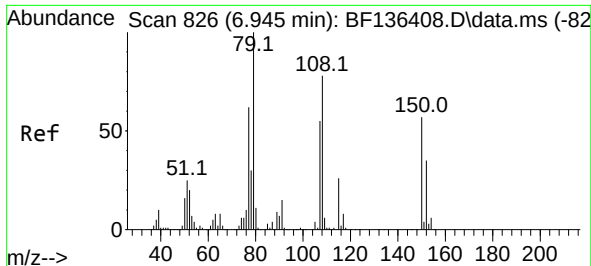
Tgt Ion:146 Resp: 397721
Ion Ratio Lower Upper
146 100
148 64.7 50.3 75.5
111 40.3 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 37.100 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:146 Resp: 378721
Ion Ratio Lower Upper
146 100
148 64.4 49.8 74.6
111 44.4 34.9 52.3

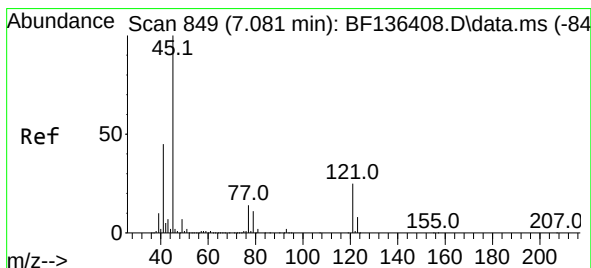
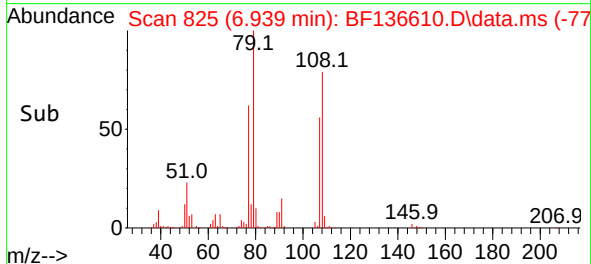
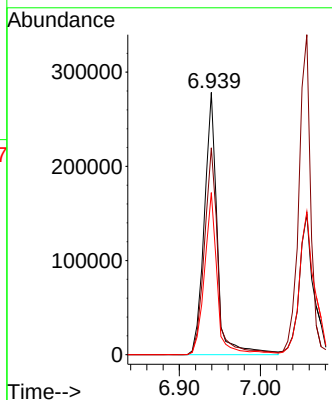
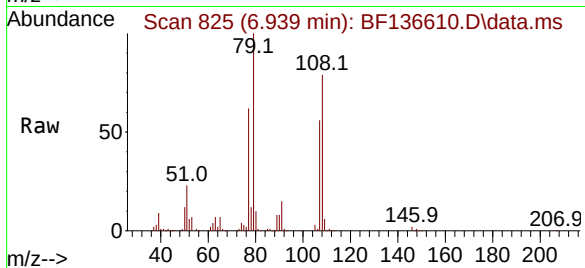




#15
Benzyl Alcohol
Concen: 42.220 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

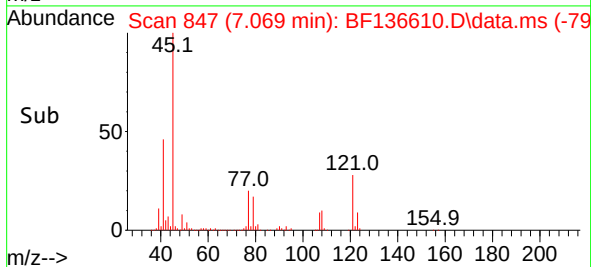
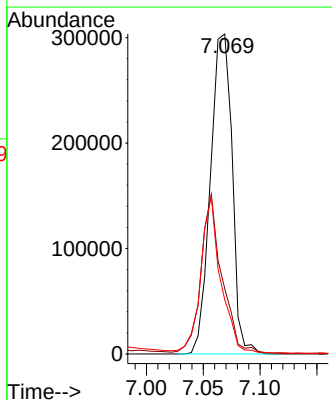
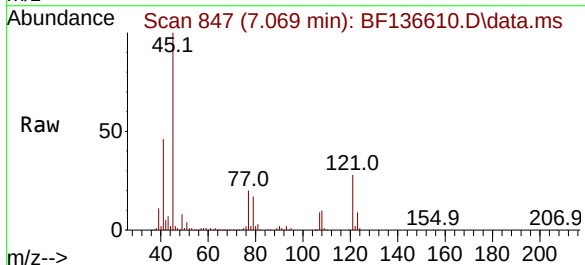
Instrument :
BNA_F
ClientSampleId :
PB157778BS

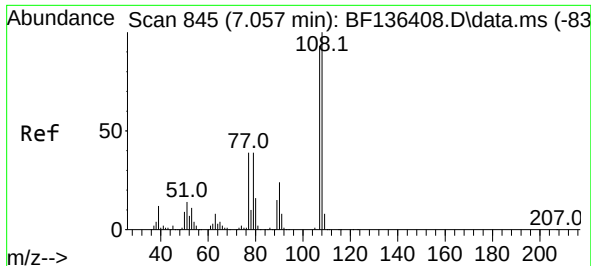
Tgt Ion: 79 Resp: 307459
Ion Ratio Lower Upper
79 100
108 78.9 62.3 93.5
77 61.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.370 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion: 45 Resp: 403483
Ion Ratio Lower Upper
45 100
77 20.4 0.0 35.3
79 16.9 0.0 32.5

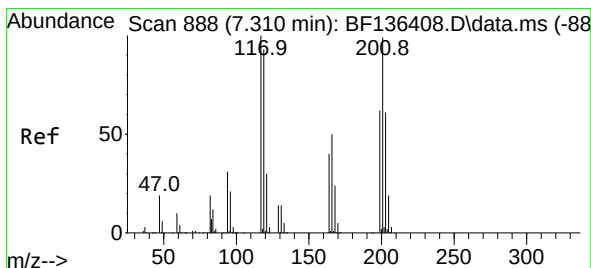
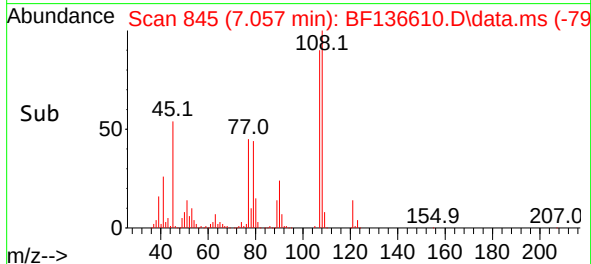
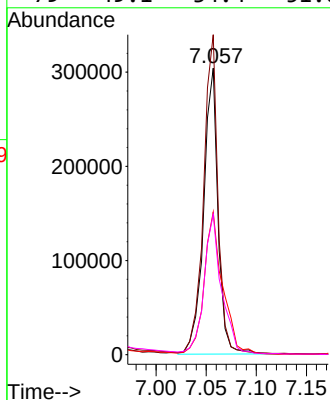
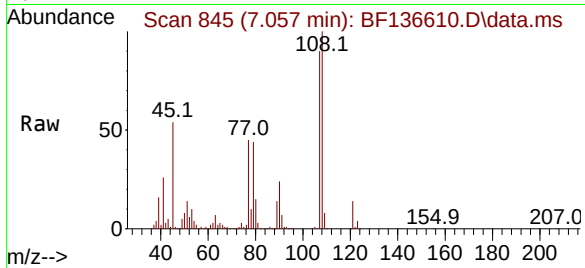




#17
2-Methylphenol
Concen: 39.908 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

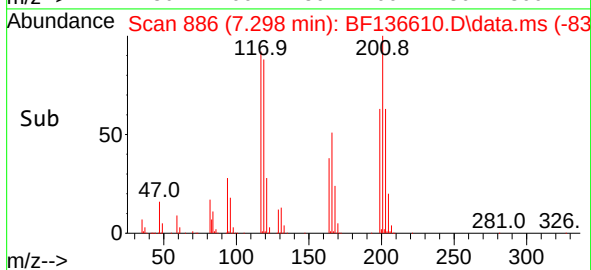
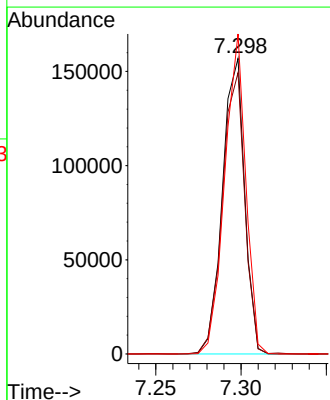
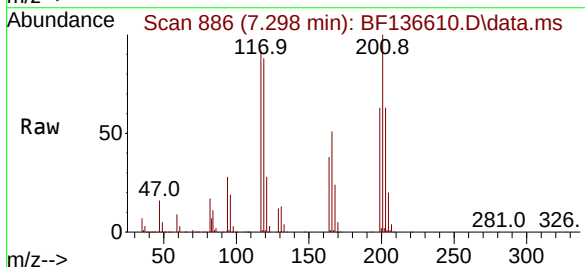
Instrument :
BNA_F
ClientSampleId :
PB157778BS

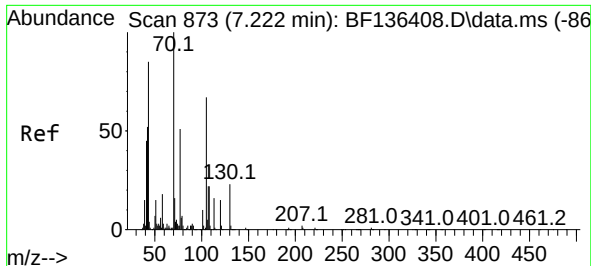
Tgt Ion:	107	Resp:	306808
Ion	Ratio	Lower	Upper
107	100		
108	111.7	86.5	129.7
77	49.8	33.8	50.8
79	49.1	34.4	51.6



#18
Hexachloroethane
Concen: 37.494 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:	117	Resp:	142106
Ion	Ratio	Lower	Upper
117	100		
119	95.2	74.3	111.5
201	108.3	79.3	118.9



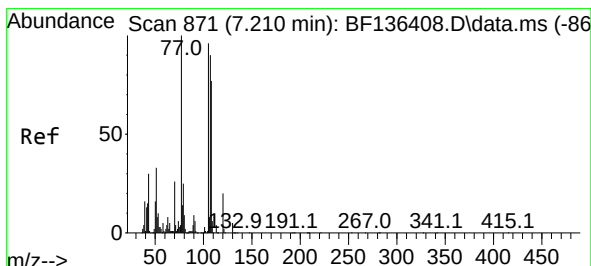
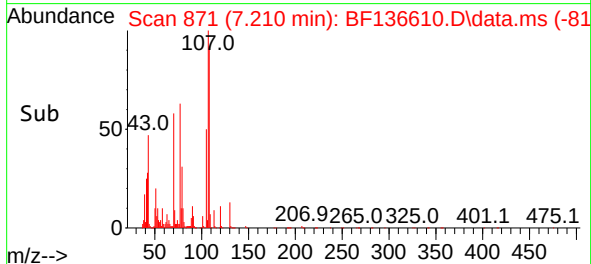
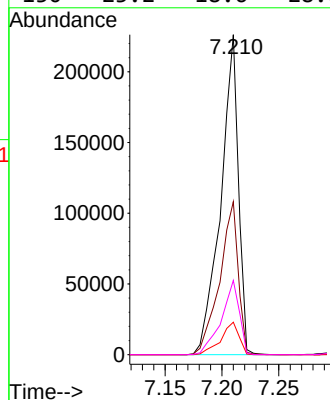
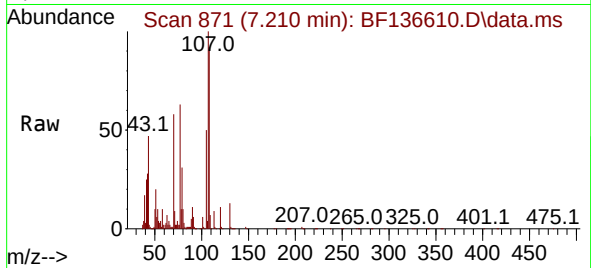


#19
n-Nitroso-di-n-propylamine
Concen: 39.020 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157778BS

Tgt Ion: 70 Resp: 244789

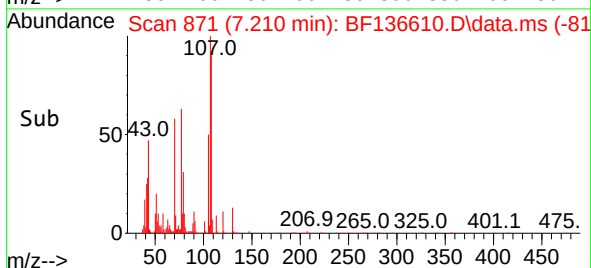
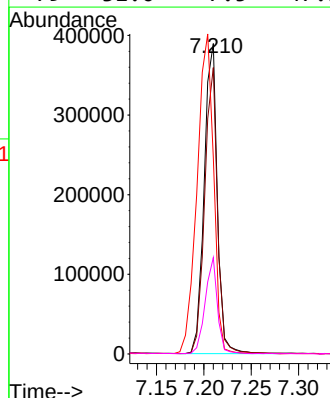
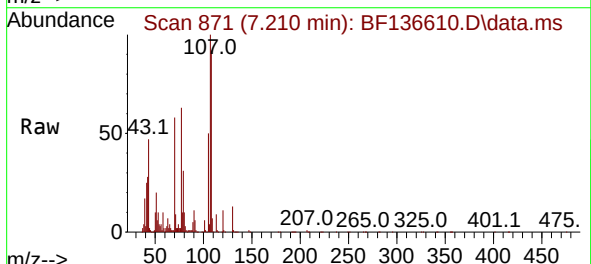
Ion	Ratio	Lower	Upper
70	100		
42	47.8	41.4	62.0
101	10.2	8.2	12.4
130	23.2	18.6	28.0

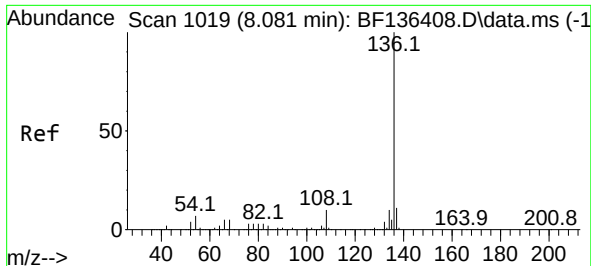


#20
3+4-Methylphenols
Concen: 39.412 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion: 107 Resp: 376077

Ion	Ratio	Lower	Upper
107	100		
108	92.2	65.9	105.9
77	63.2	91.7	131.7#
79	31.0	7.5	47.5

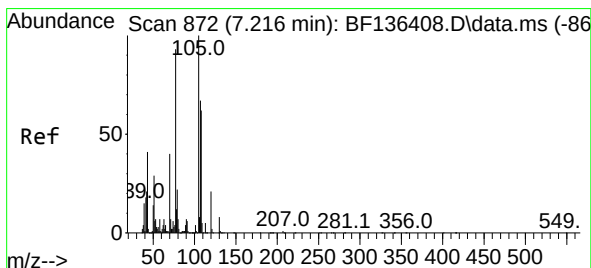
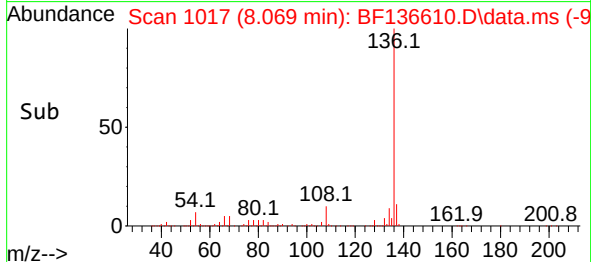
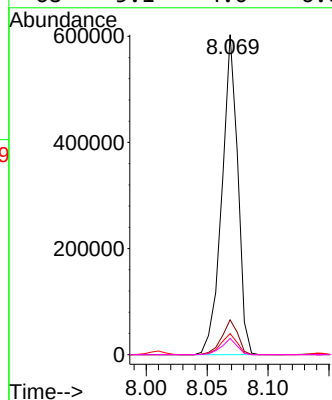
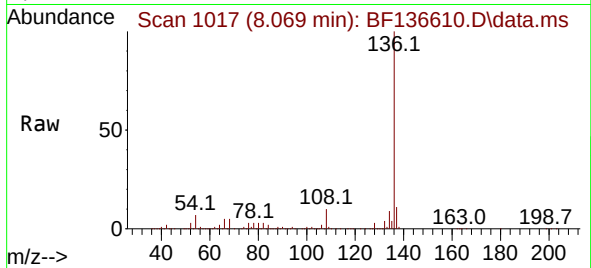




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

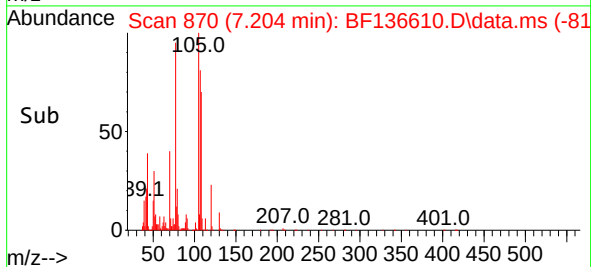
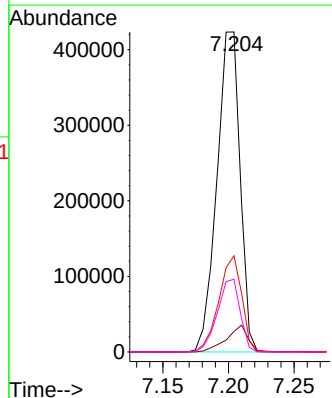
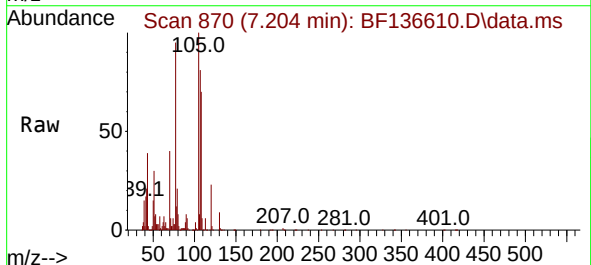
Instrument :
BNA_F
ClientSampleId :
PB157778BS

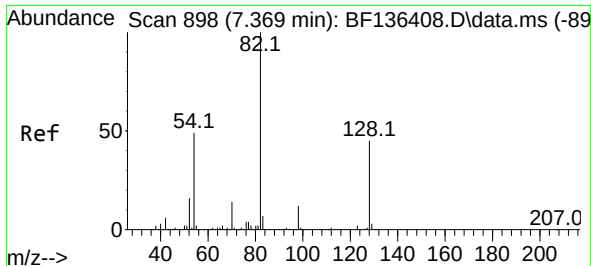
Tgt Ion:136	Resp: 546681
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 12.8
54 6.6	5.7 8.5
68 5.1	4.0 6.0



#22
Acetophenone
Concen: 38.609 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt	Ion:105	Resp:	521202
Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.4	8.0
51	30.0	23.4	35.2
120	22.7	16.6	24.8





#23

Nitrobenzene-d5

Concen: 72.765 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

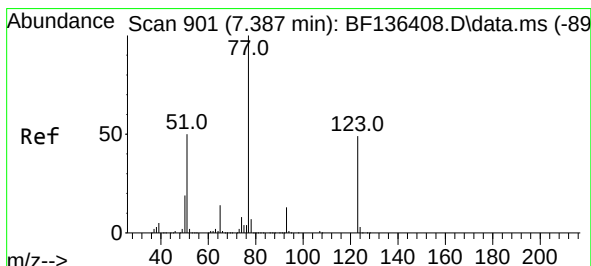
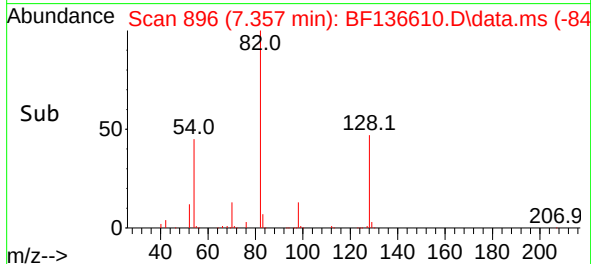
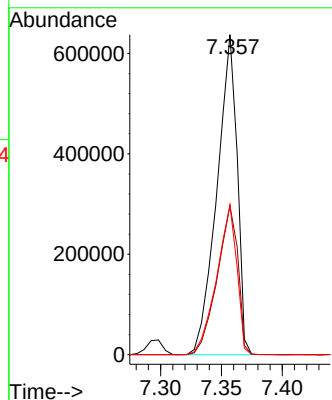
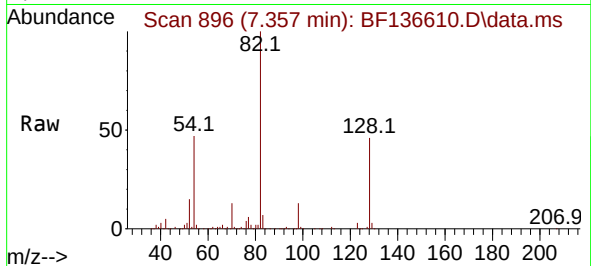
Tgt Ion: 82 Resp: 735826

Ion Ratio Lower Upper

82 100

128 46.5 36.3 54.5

54 46.8 39.0 58.6



#24

Nitrobenzene

Concen: 35.385 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

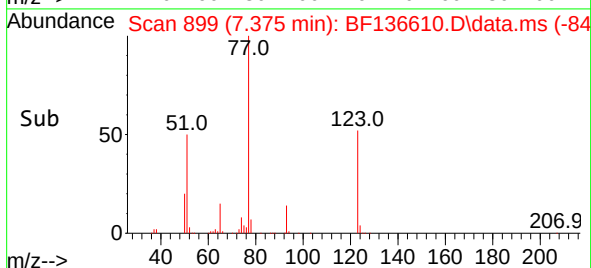
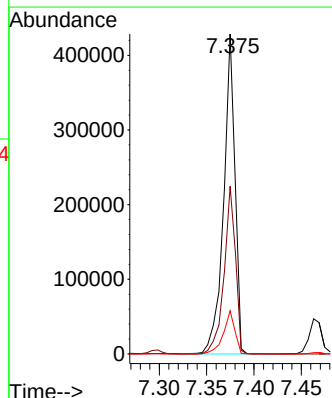
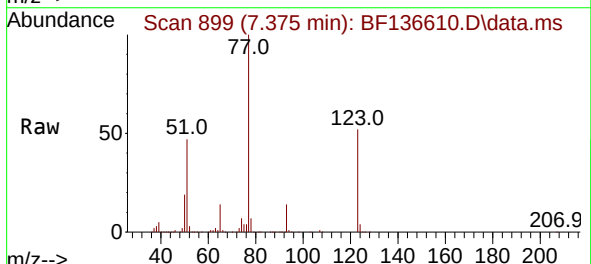
Tgt Ion: 77 Resp: 359967

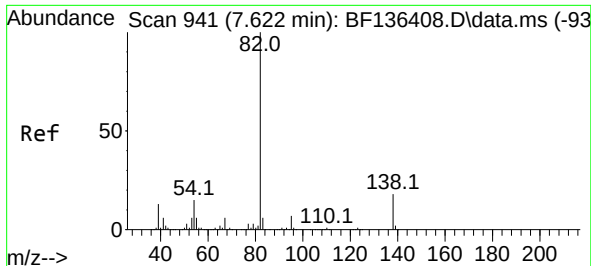
Ion Ratio Lower Upper

77 100

123 52.4 39.0 58.6

65 13.5 11.3 16.9

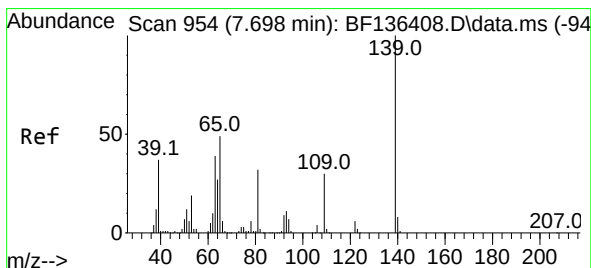
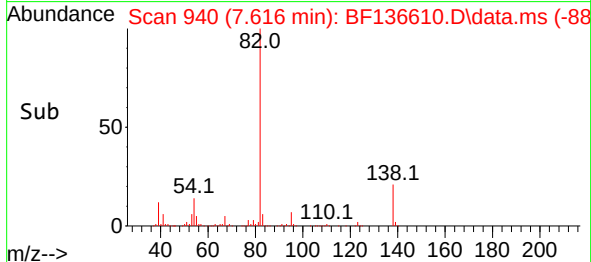
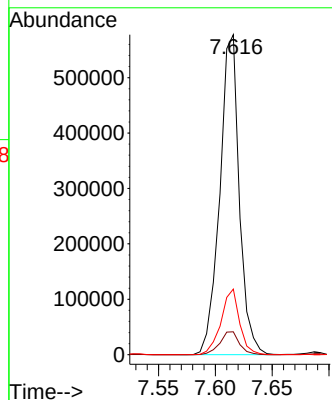
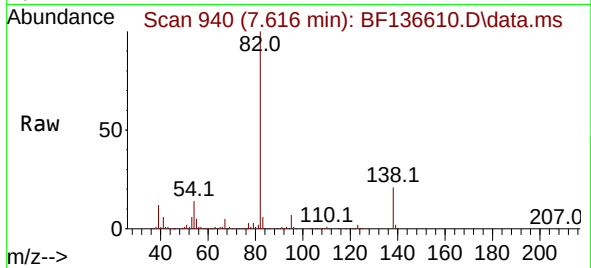




#25
Isophorone
Concen: 38.104 ng
RT: 7.616 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

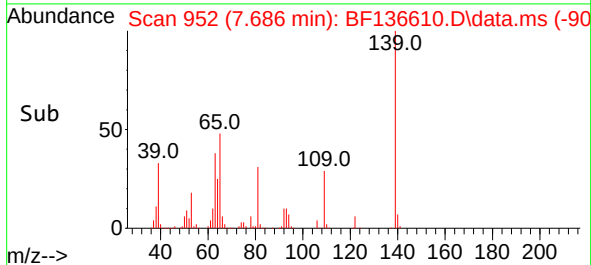
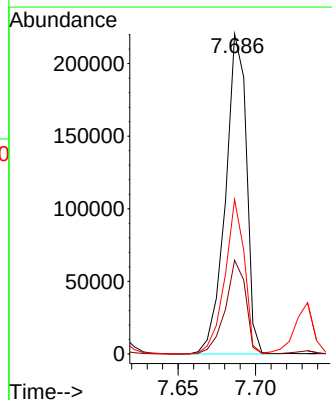
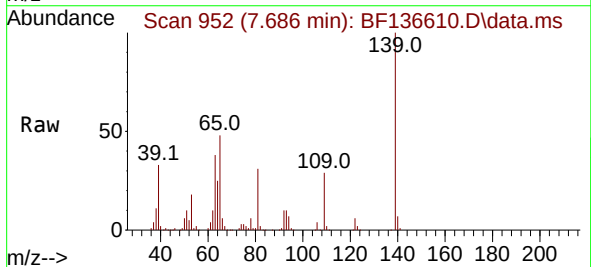
Instrument :
BNA_F
ClientSampleId :
PB157778BS

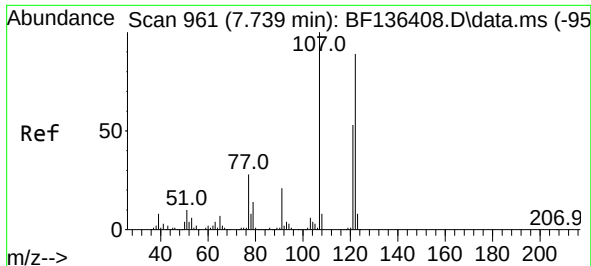
Tgt Ion: 82 Resp: 692276
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 20.5 14.5 21.7



#26
2-Nitrophenol
Concen: 41.492 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:139 Resp: 207507
Ion Ratio Lower Upper
139 100
109 29.3 23.6 35.4
65 48.3 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 54.544 ng

RT: 7.733 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

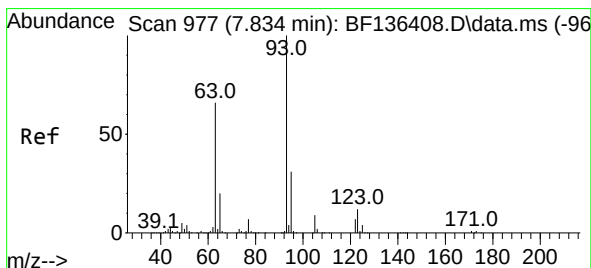
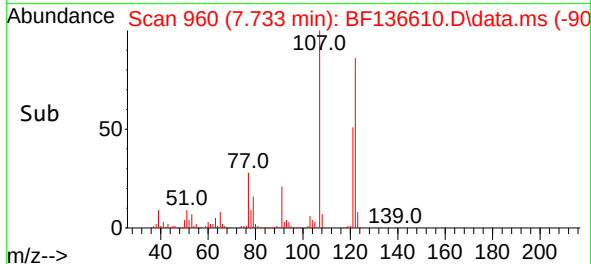
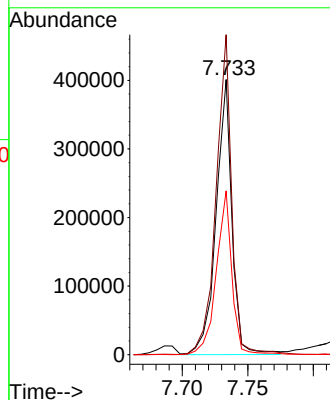
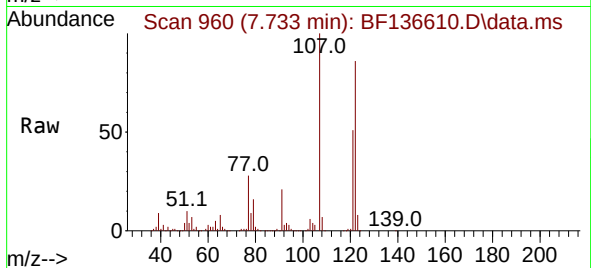
Tgt Ion:122 Resp: 336361

Ion Ratio Lower Upper

122 100

107 116.3 89.3 133.9

121 59.6 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.227 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.000 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

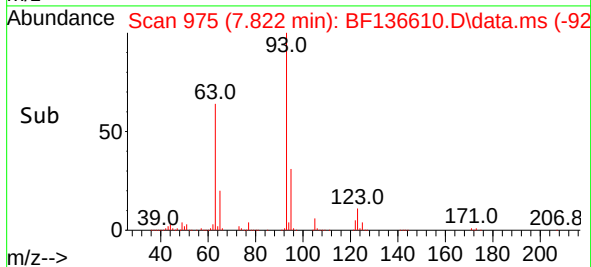
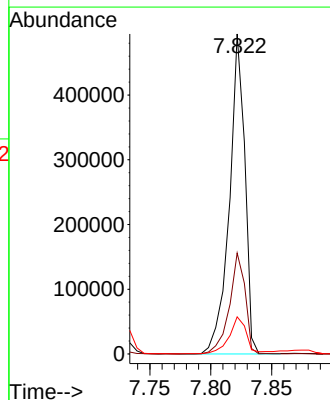
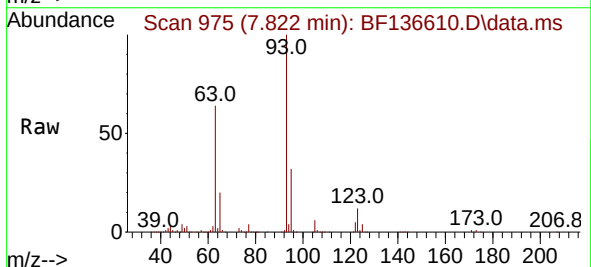
Tgt Ion: 93 Resp: 437931

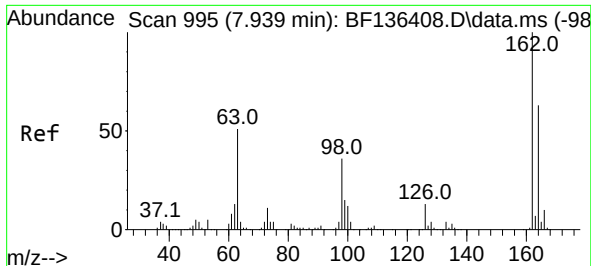
Ion Ratio Lower Upper

93 100

95 31.6 25.0 37.4

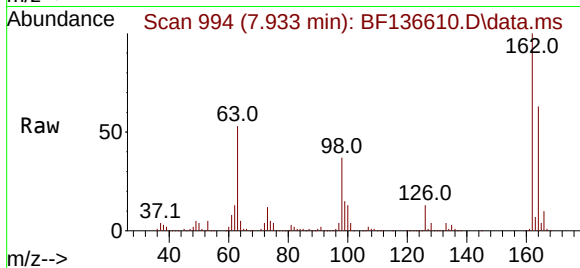
123 11.6 9.4 14.0



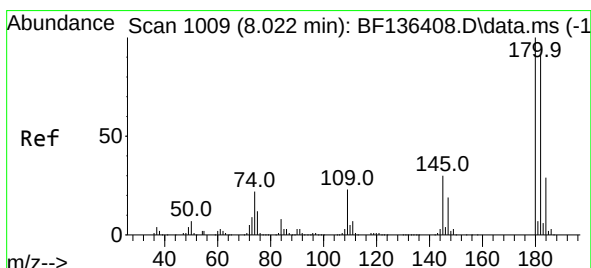
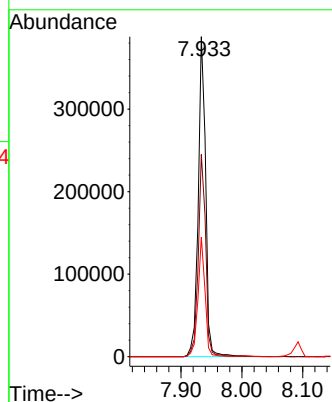
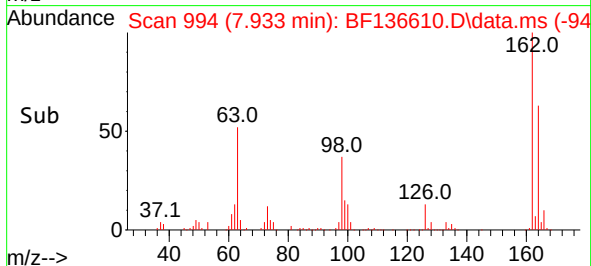


#29
2,4-Dichlorophenol
Concen: 40.165 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

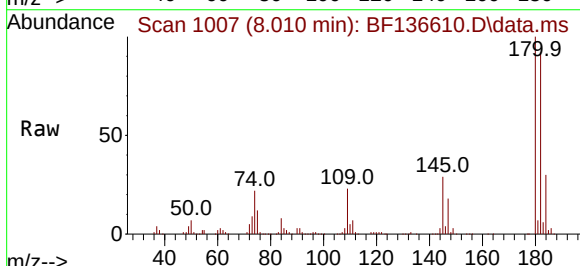
Instrument :
BNA_F
ClientSampleId :
PB157778BS



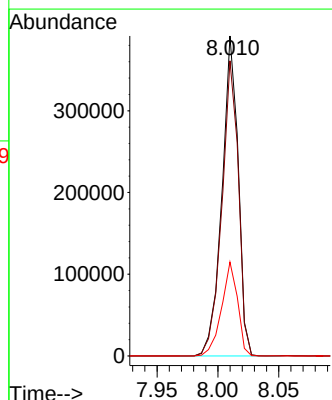
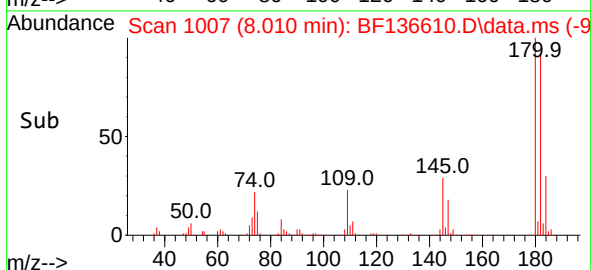
Tgt Ion:162 Resp: 326934
Ion Ratio Lower Upper
162 100
164 63.2 43.0 83.0
98 37.3 16.2 56.2

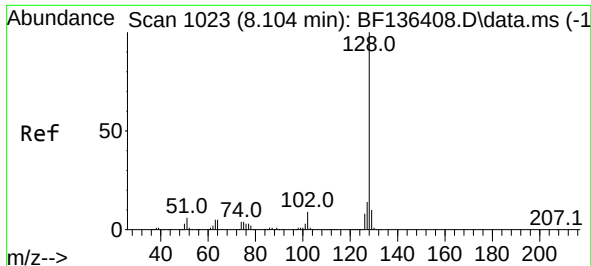


#30
1,2,4-Trichlorobenzene
Concen: 38.281 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



Tgt Ion:180 Resp: 363343
Ion Ratio Lower Upper
180 100
182 92.3 73.1 109.7
145 29.3 23.8 35.8

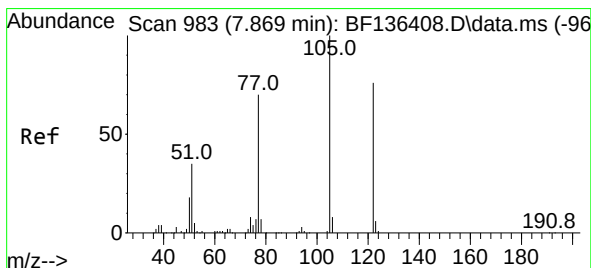
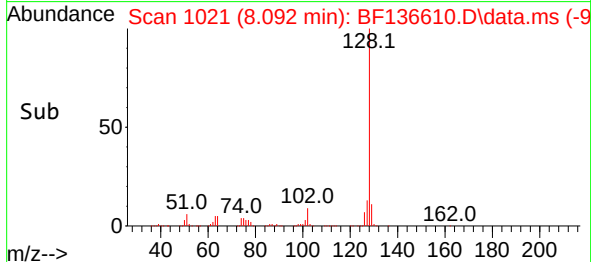
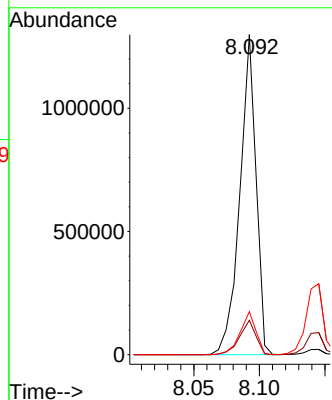
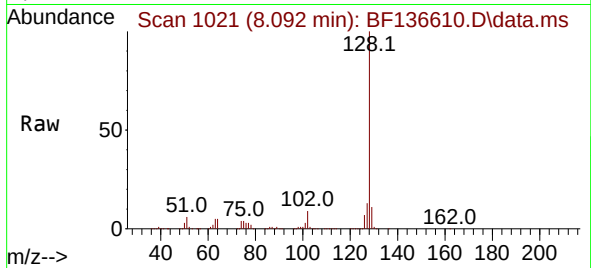




#31
Naphthalene
Concen: 37.120 ng
RT: 8.092 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

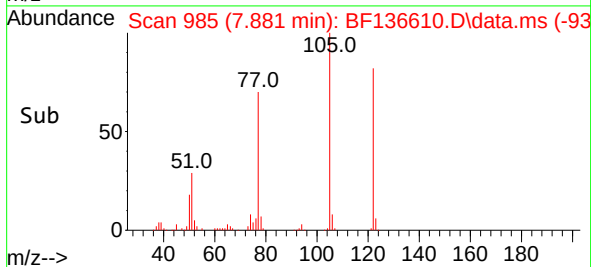
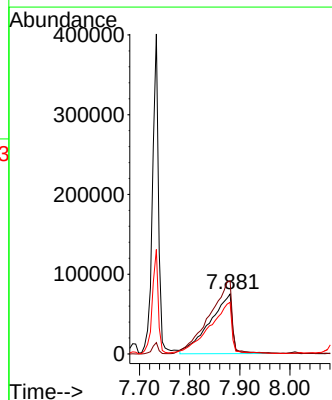
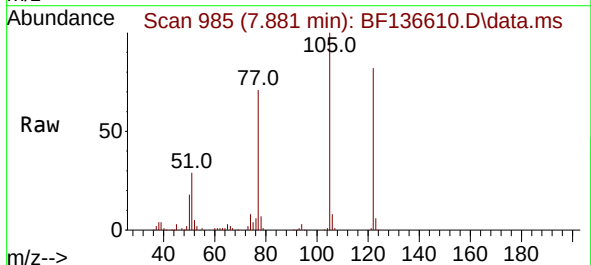
Instrument :
BNA_F
ClientSampleId :
PB157778BS

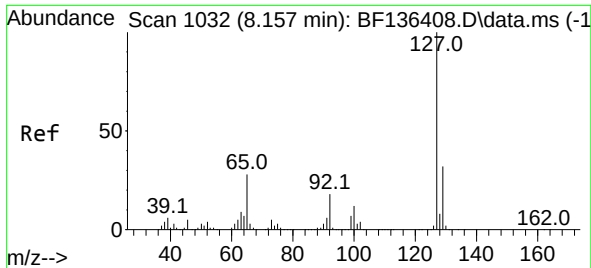
Tgt Ion:128 Resp: 1119076
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 38.692 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.023 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:122 Resp: 236697
Ion Ratio Lower Upper
122 100
105 121.8 104.7 144.7
77 86.1 68.5 108.5

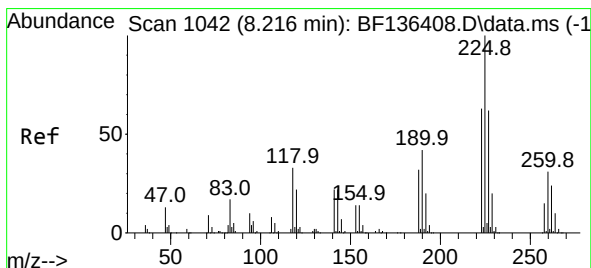
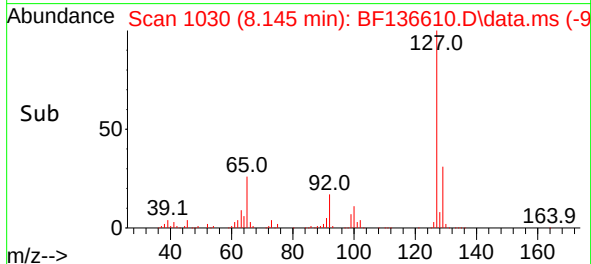
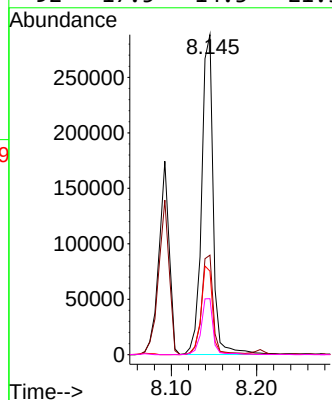
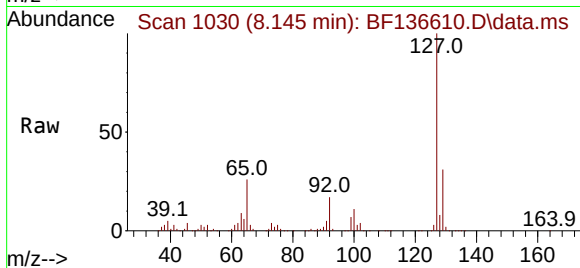




#33
4-Chloroaniline
Concen: 25.364 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

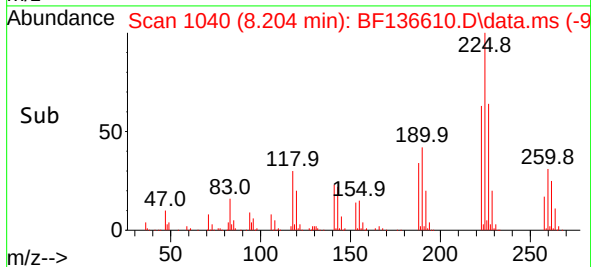
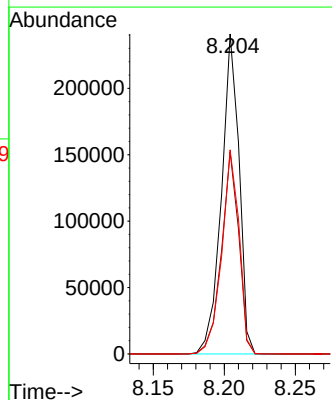
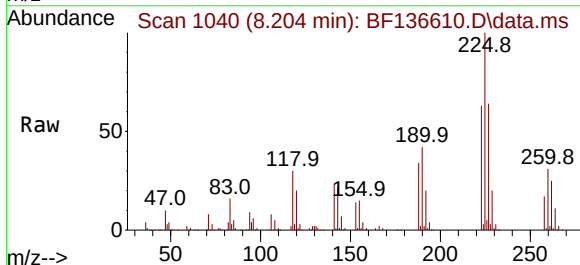
Instrument :
BNA_F
ClientSampleId :
PB157778BS

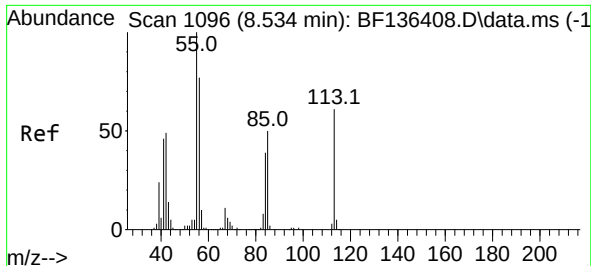
Tgt Ion:	127	Resp:	272605
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.4	38.2
65	26.1	22.5	33.7
92	17.5	14.3	21.5



#34
Hexachlorobutadiene
Concen: 36.868 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:	225	Resp:	207386
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.8	76.2
227	63.8	49.8	74.8

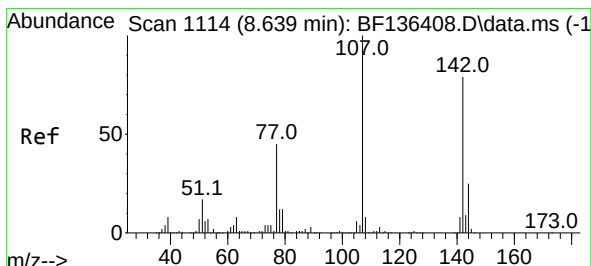
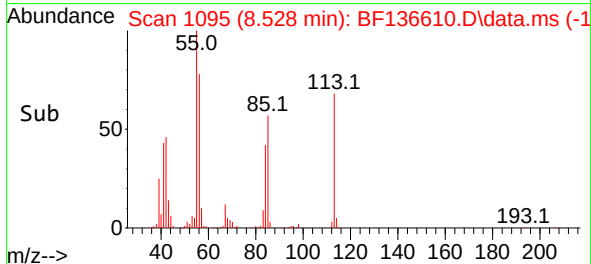
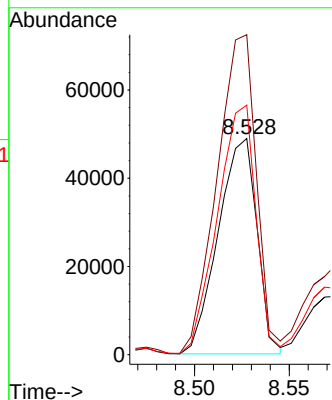
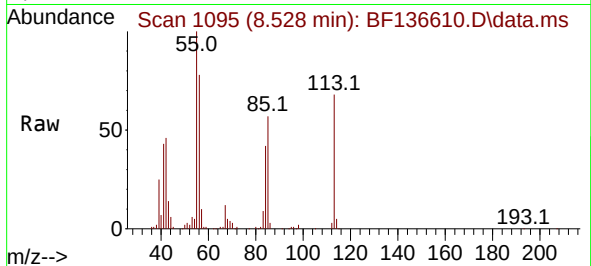




#35
 Caprolactam
 Concen: 27.696 ng
 RT: 8.528 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF136610.D
 Acq: 18 Dec 2023 12:50

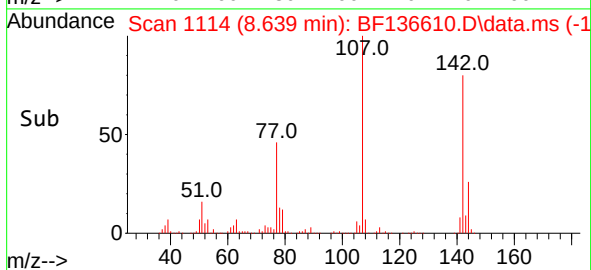
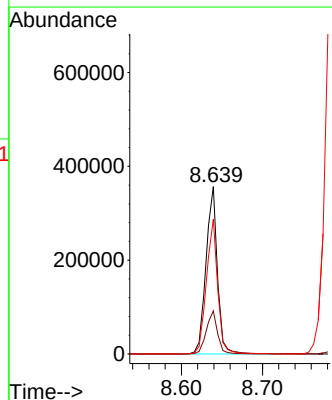
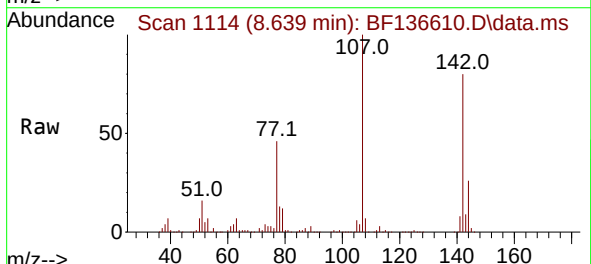
Instrument :
 BNA_F
 ClientSampleId :
 PB157778BS

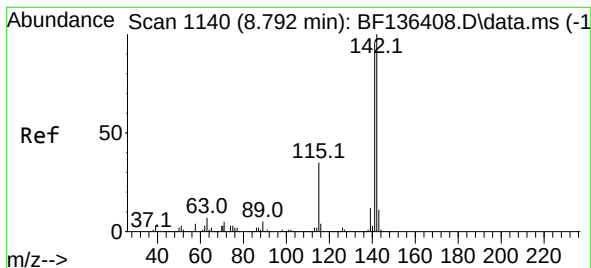
Tgt Ion:113 Resp: 69425
 Ion Ratio Lower Upper
 113 100
 55 148.1 143.7 183.7
 56 115.5 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 40.274 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.012 min
 Lab File: BF136610.D
 Acq: 18 Dec 2023 12:50

Tgt Ion:107 Resp: 348070
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.1 30.1
 142 80.5 63.1 94.7





#37

2-Methylnaphthalene

Concen: 38.519 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

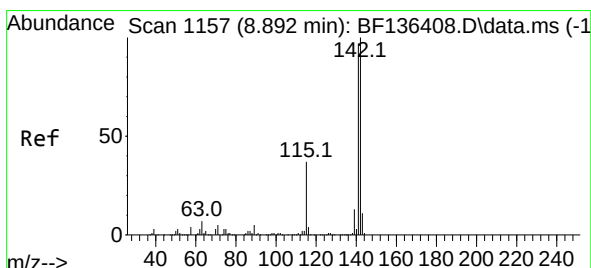
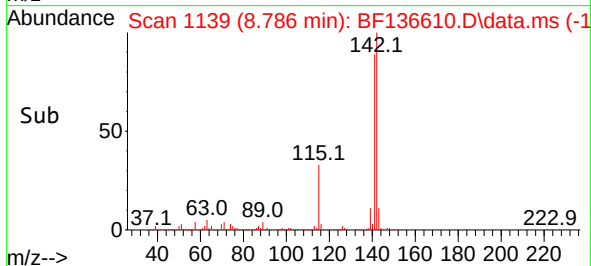
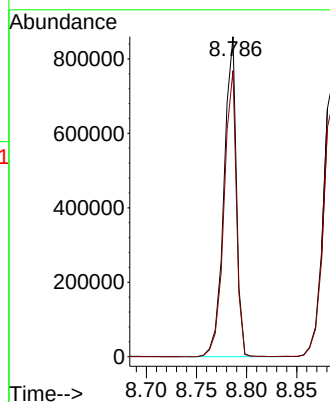
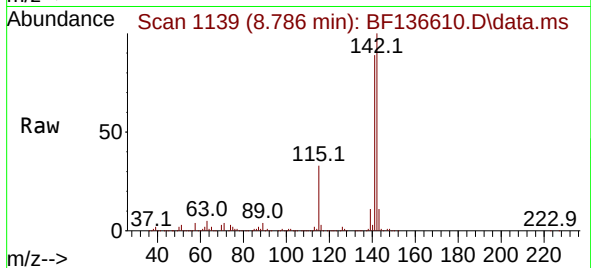
PB157778BS

Tgt Ion:142 Resp: 738768

Ion Ratio Lower Upper

142 100

141 89.4 76.4 114.6



#38

1-Methylnaphthalene

Concen: 36.555 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BF136610.D

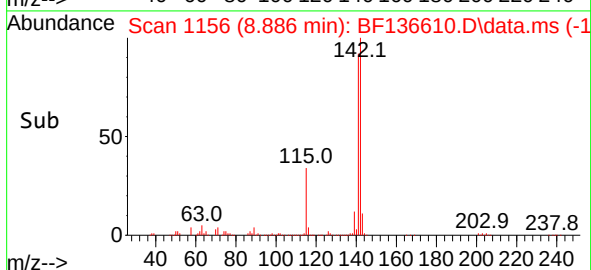
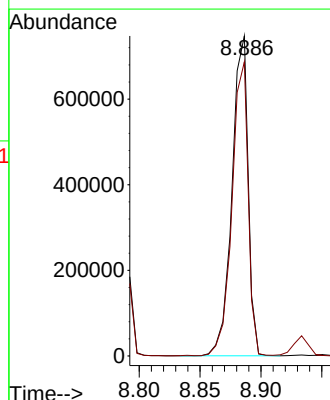
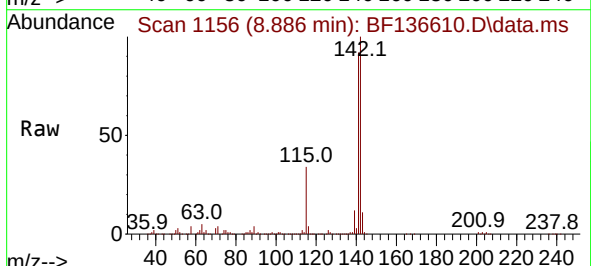
Acq: 18 Dec 2023 12:50

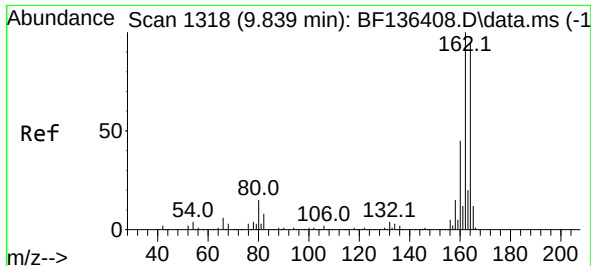
Tgt Ion:142 Resp: 687971

Ion Ratio Lower Upper

142 100

141 91.9 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

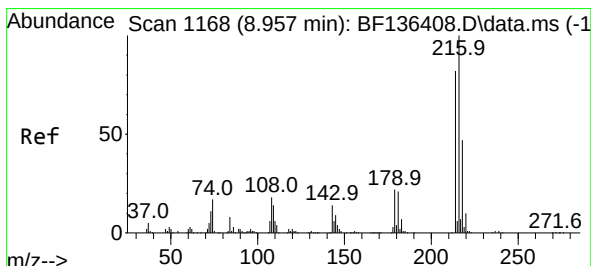
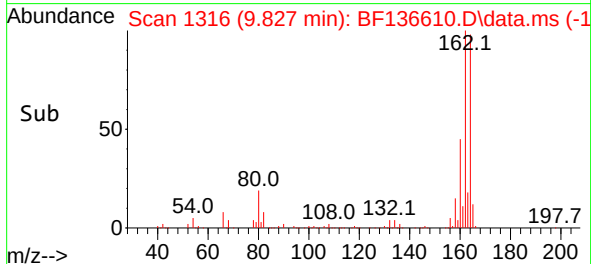
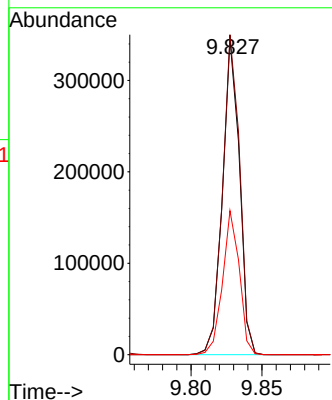
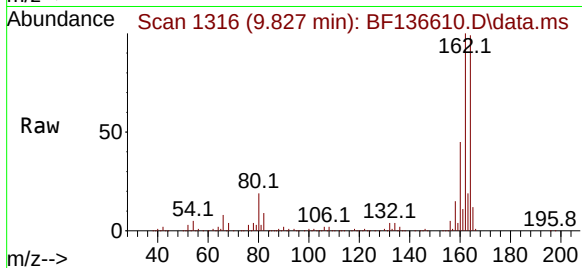
Tgt Ion:164 Resp: 285996

Ion Ratio Lower Upper

164 100

162 101.4 84.4 126.6

160 45.6 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.412 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Tgt Ion:216 Resp: 359580

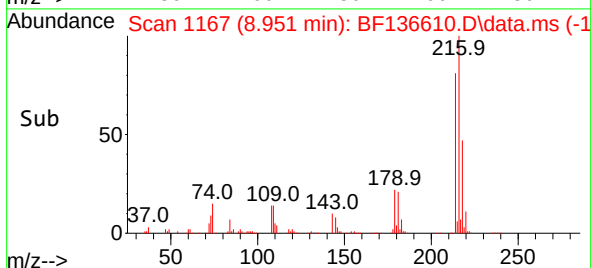
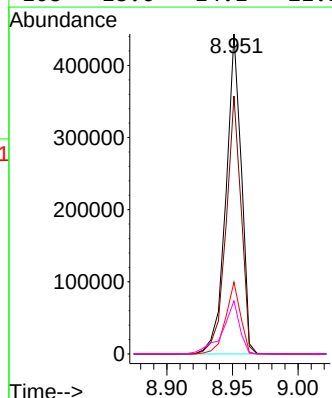
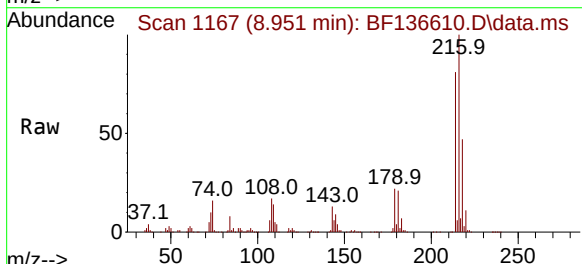
Ion Ratio Lower Upper

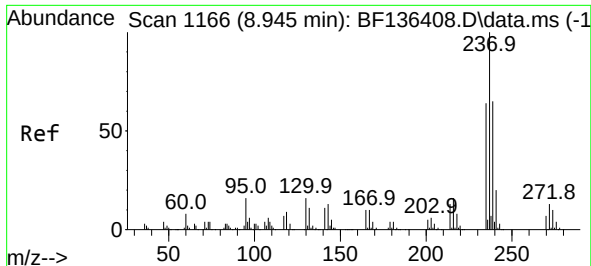
216 100

214 79.1 64.1 96.1

179 21.7 17.0 25.6

108 18.6 14.1 21.1

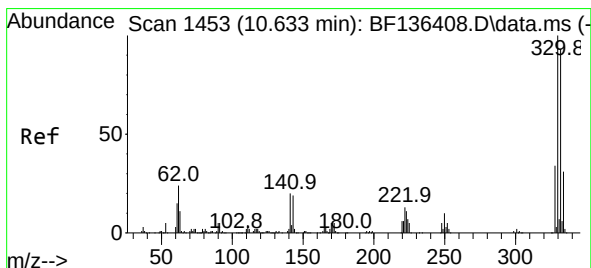
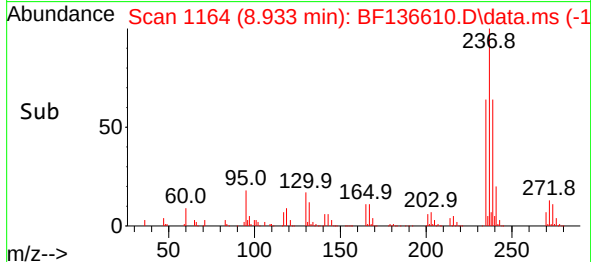
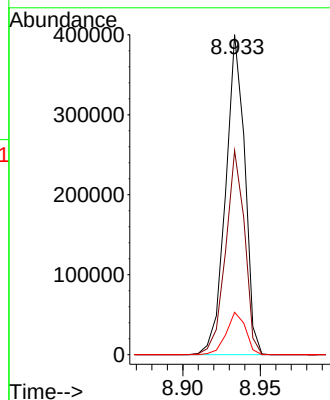
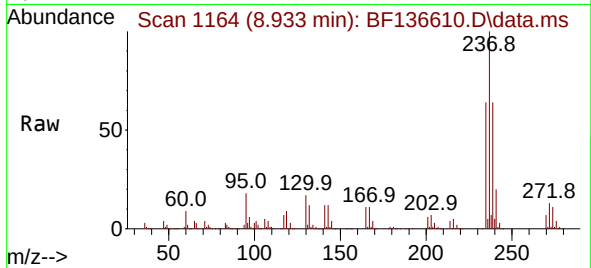




#41
Hexachlorocyclopentadiene
Concen: 104.263 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

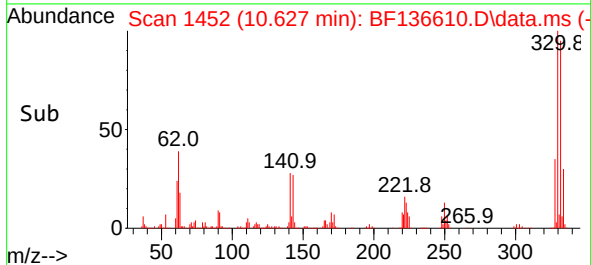
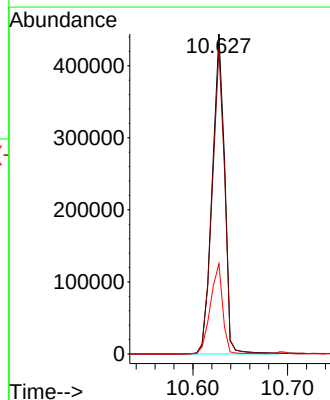
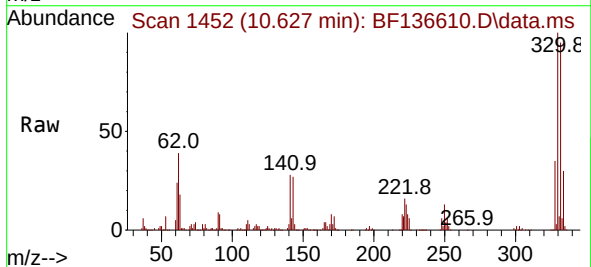
Instrument :
BNA_F
ClientSampleId :
PB157778BS

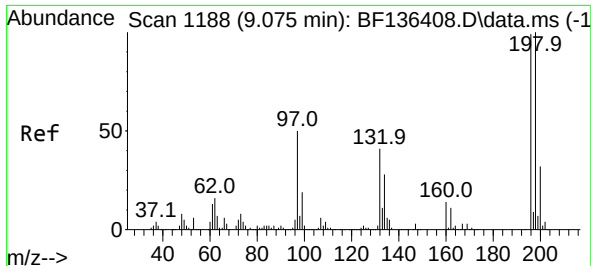
Tgt Ion:237 Resp: 343689
Ion Ratio Lower Upper
237 100
235 63.8 44.1 84.1
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 114.152 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:330 Resp: 402542
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 28.1 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.809 ng

RT: 9.069 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

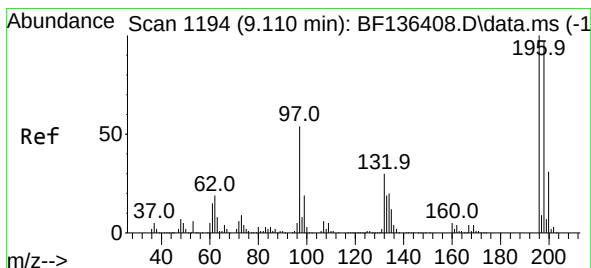
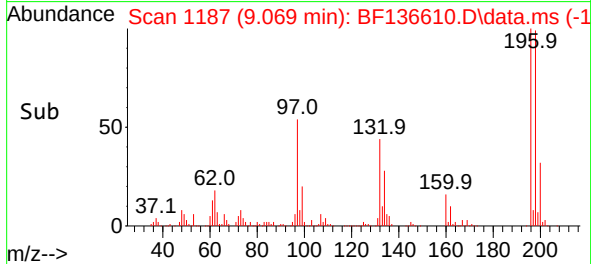
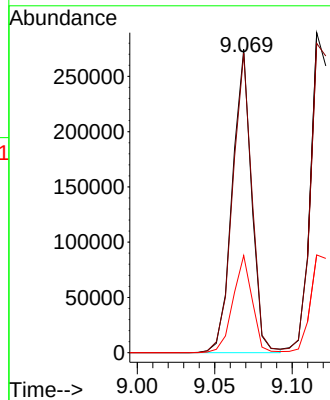
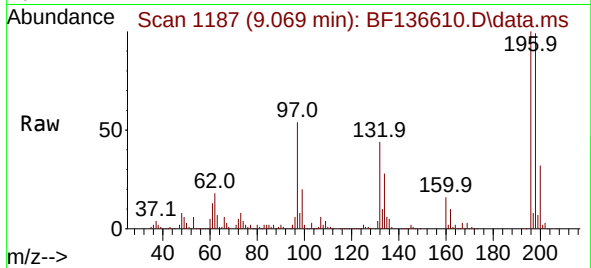
Tgt Ion:196 Resp: 236427

Ion Ratio Lower Upper

196 100

198 98.6 80.4 120.6

200 32.0 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 39.546 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.012 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Tgt Ion:196 Resp: 255711

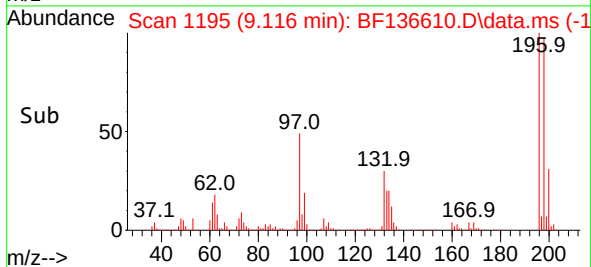
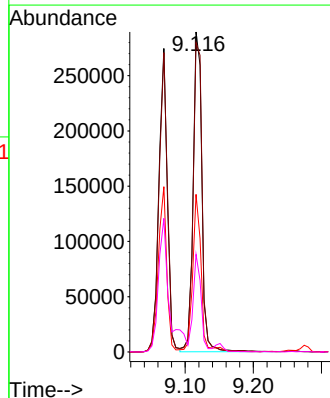
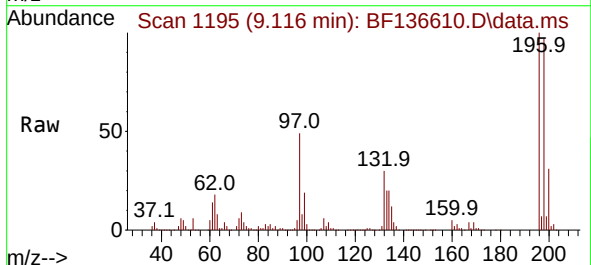
Ion Ratio Lower Upper

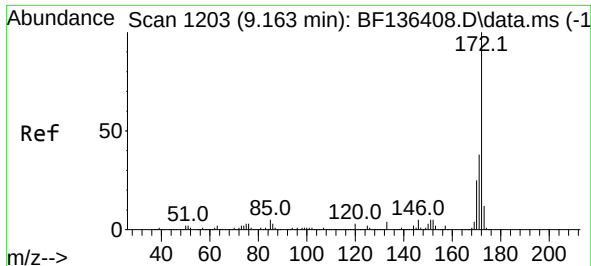
196 100

198 96.6 78.1 117.1

97 49.2 43.4 65.2

132 30.5 24.2 36.4

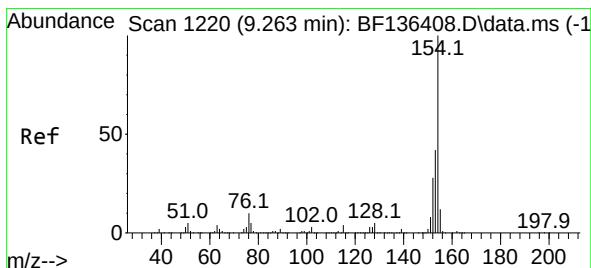
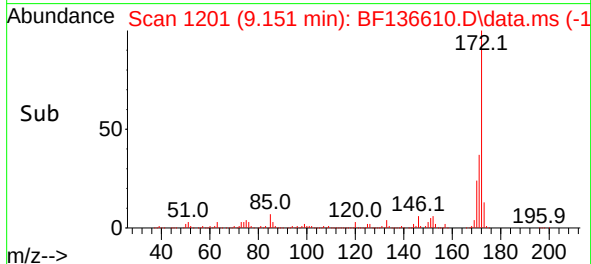
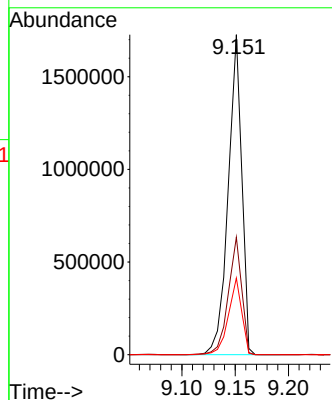
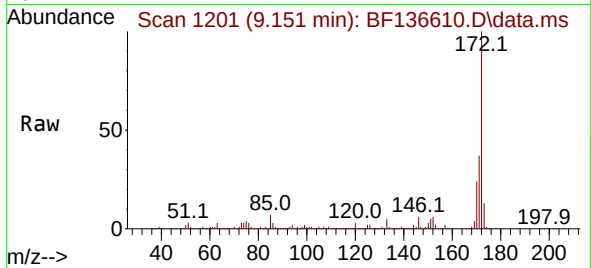




#45
2-Fluorobiphenyl
Concen: 73.045 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

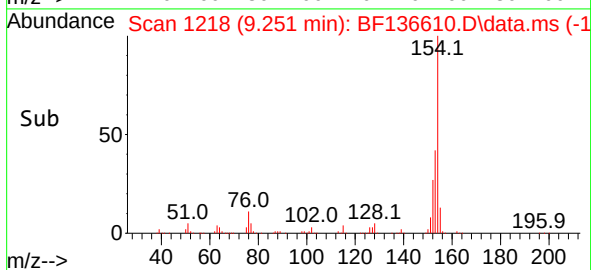
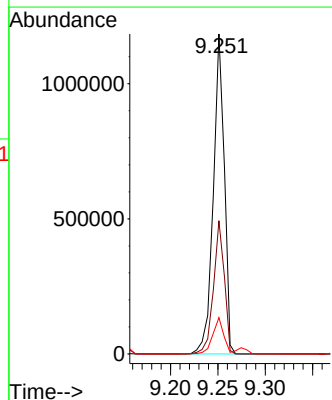
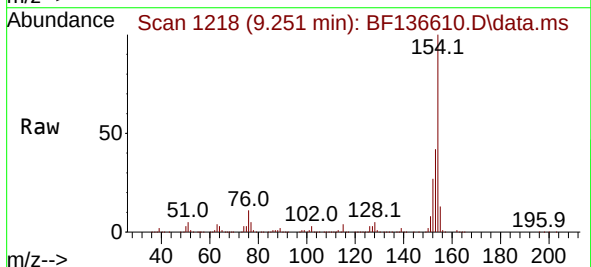
Instrument :
BNA_F
ClientSampleId :
PB157778BS

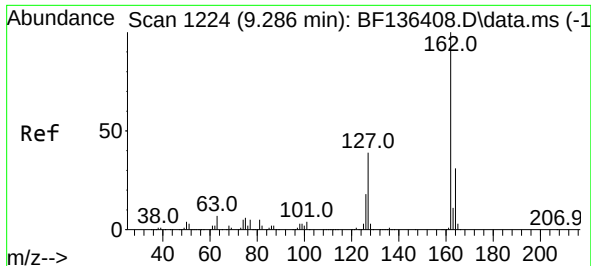
Tgt Ion:172 Resp: 1531012
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 23.9 19.9 29.9



#46
1,1'-Biphenyl
Concen: 39.100 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:154 Resp: 951519
Ion Ratio Lower Upper
154 100
153 41.7 22.5 62.5
76 11.3 0.0 29.9

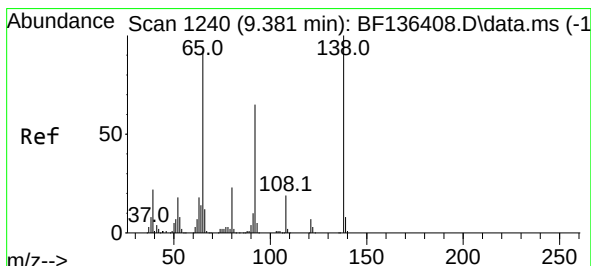
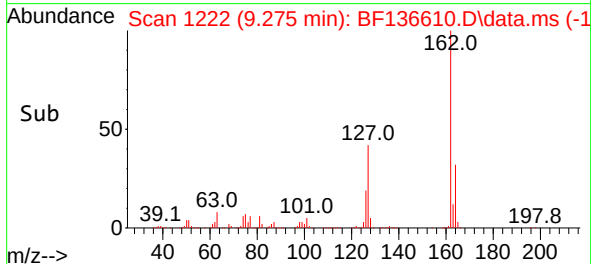
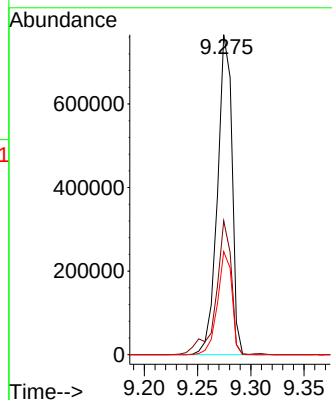
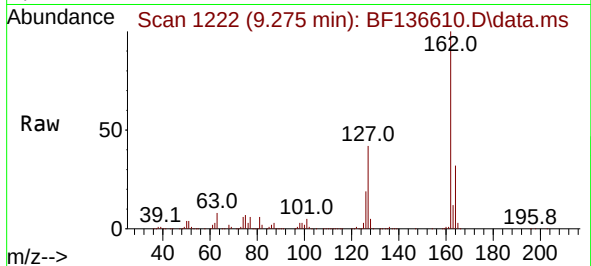




#47
2-Chloronaphthalene
Concen: 38.203 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

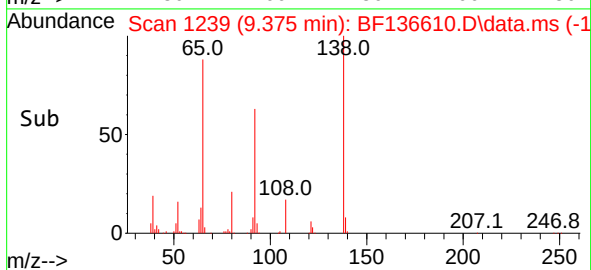
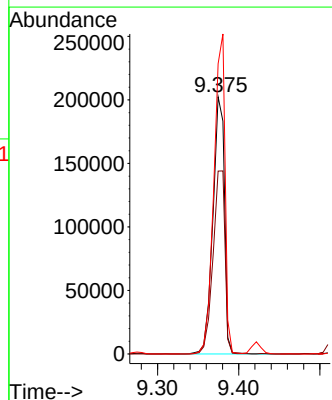
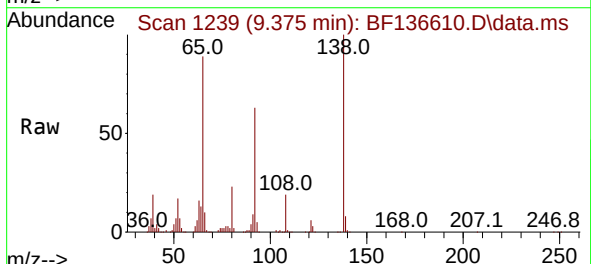
Instrument :
BNA_F
ClientSampleId :
PB157778BS

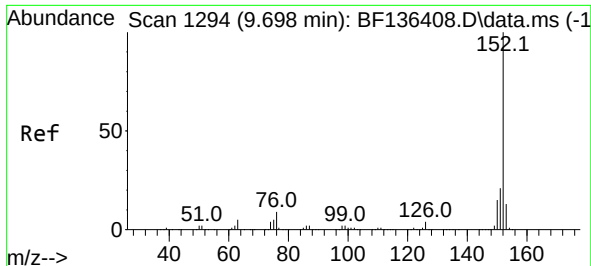
Tgt Ion:162 Resp: 723600
Ion Ratio Lower Upper
162 100
127 41.9 31.1 46.7
164 32.2 24.6 37.0



#48
2-Nitroaniline
Concen: 39.323 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion: 65 Resp: 199759
Ion Ratio Lower Upper
65 100
92 71.2 56.1 84.1
138 112.9 86.7 130.1





#49

Acenaphthylene

Concen: 38.489 ng

RT: 9.692 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

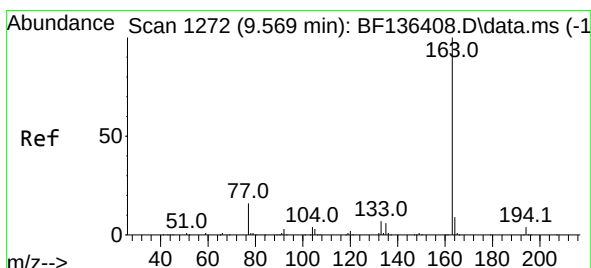
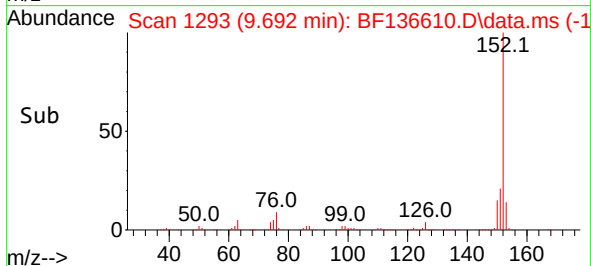
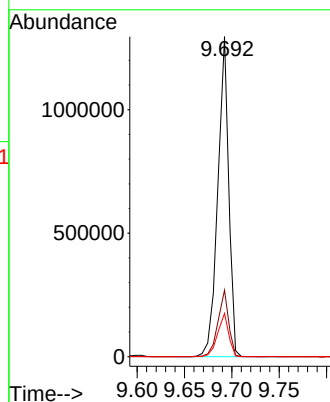
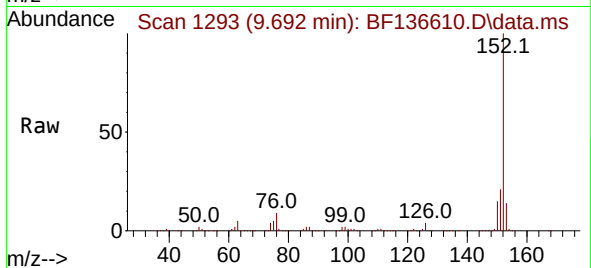
Tgt Ion:152 Resp: 1038502

Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

153 13.6 10.6 15.8



#50

Dimethylphthalate

Concen: 40.727 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

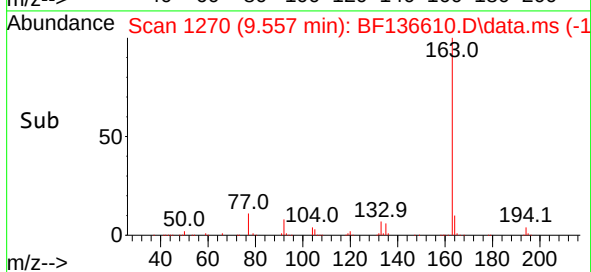
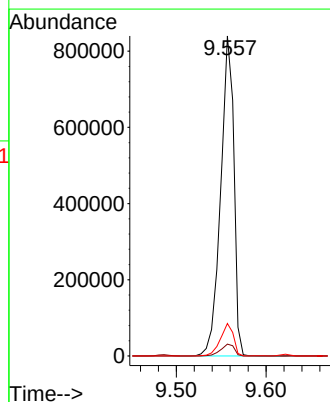
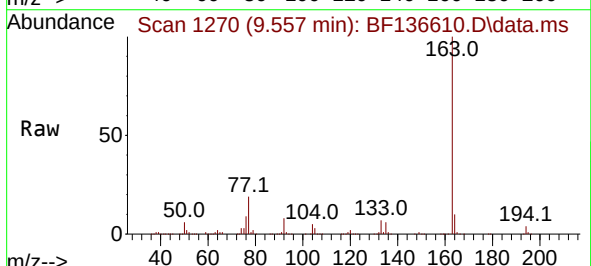
Tgt Ion:163 Resp: 857554

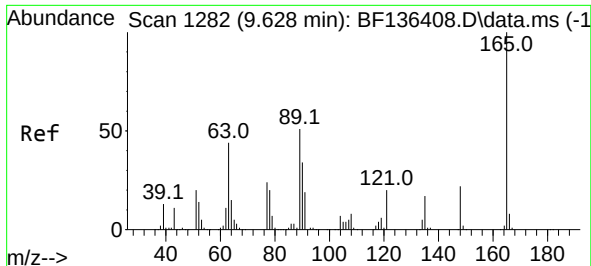
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.2 7.4 11.2

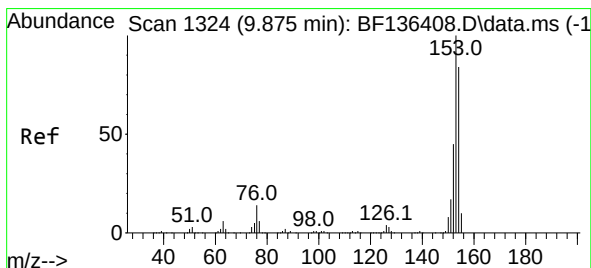
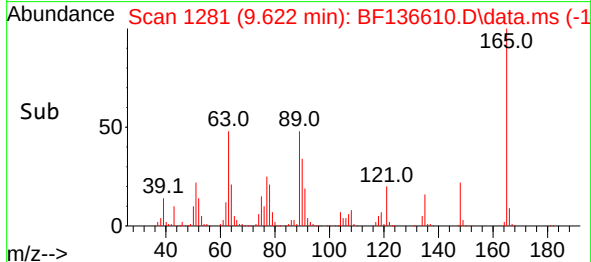
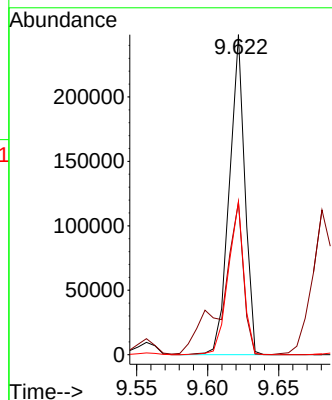
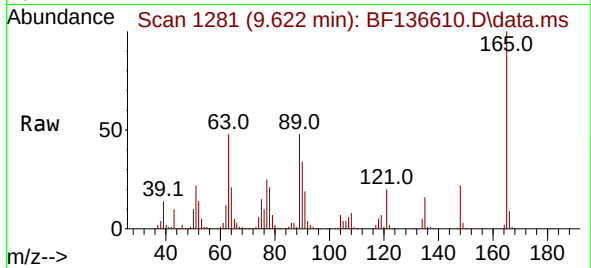




#51
2,6-Dinitrotoluene
Concen: 39.641 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

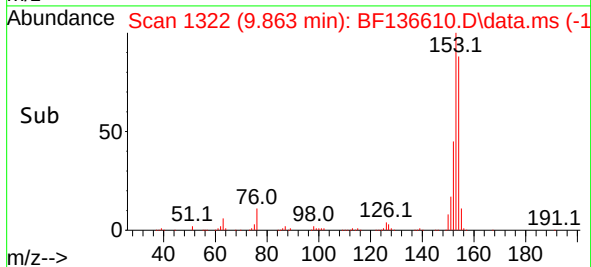
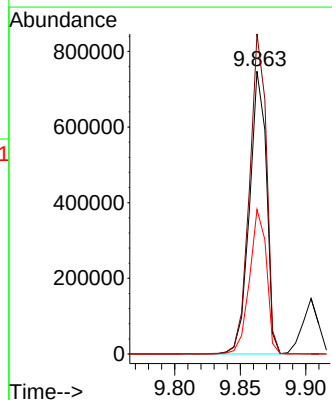
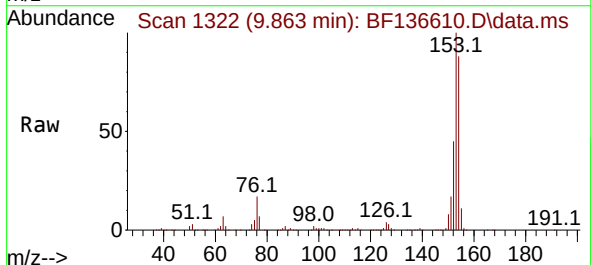
Instrument :
BNA_F
ClientSampleId :
PB157778BS

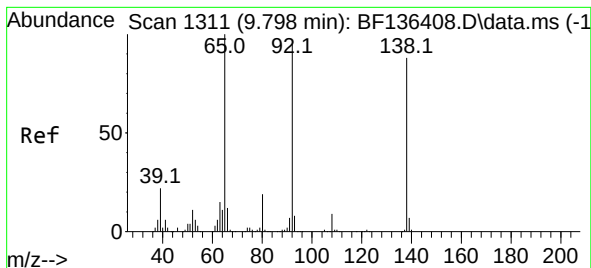
Tgt Ion:165 Resp: 187782
Ion Ratio Lower Upper
165 100
63 47.6 40.4 60.6
89 47.9 40.6 60.8



#52
Acenaphthene
Concen: 38.706 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:154 Resp: 669221
Ion Ratio Lower Upper
154 100
153 113.2 95.3 142.9
152 51.1 43.2 64.8





#53

3-Nitroaniline

Concen: 31.946 ng

RT: 9.792 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

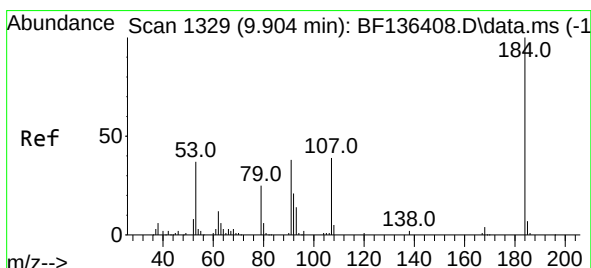
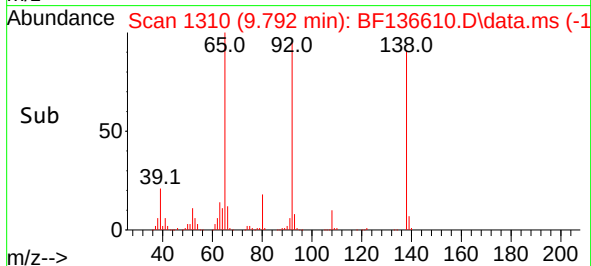
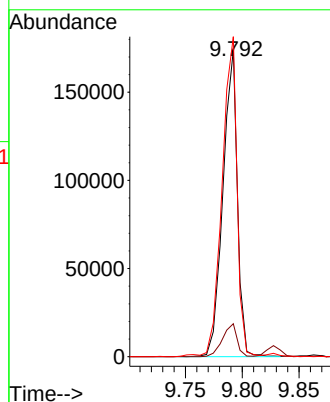
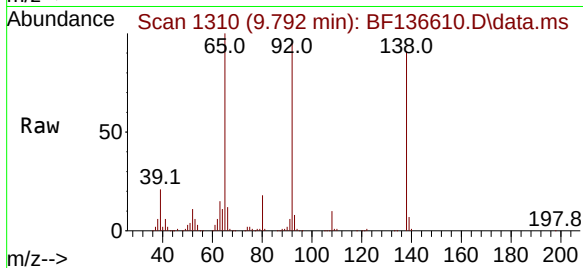
Tgt Ion:138 Resp: 154532

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

92 104.3 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 85.267 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.012 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

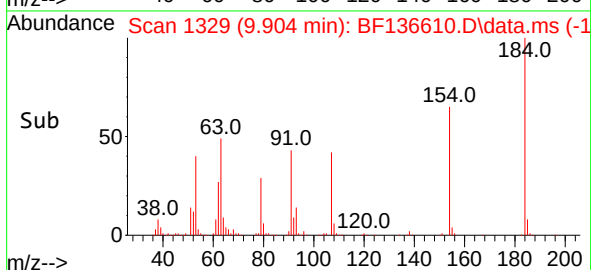
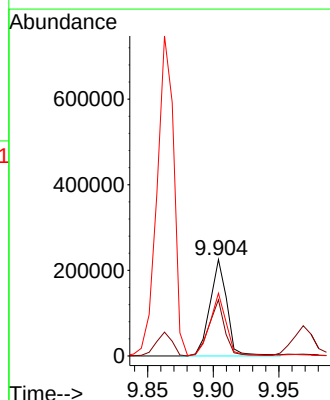
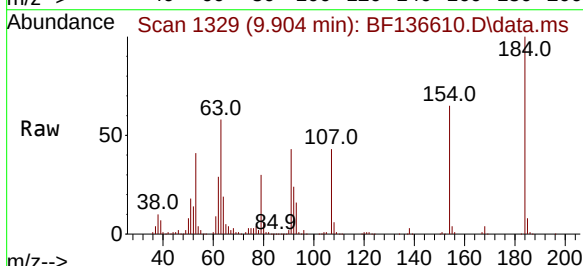
Tgt Ion:184 Resp: 204216

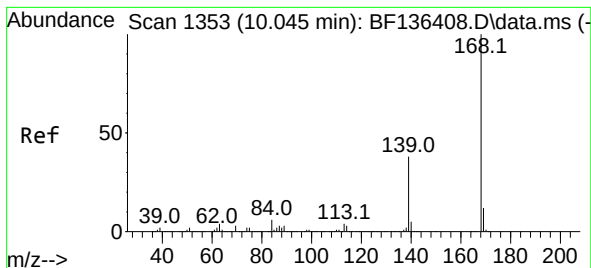
Ion Ratio Lower Upper

184 100

63 58.3 39.1 58.7

154 65.1 49.9 74.9

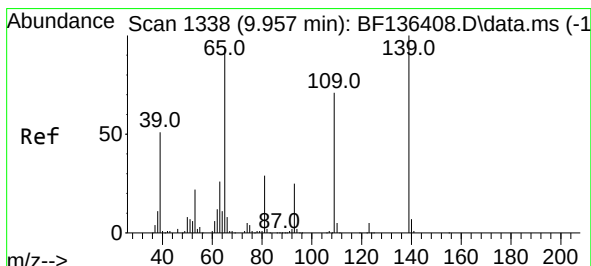
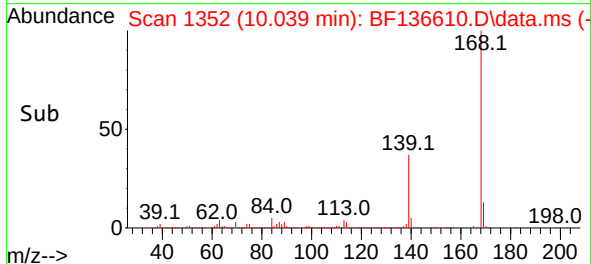
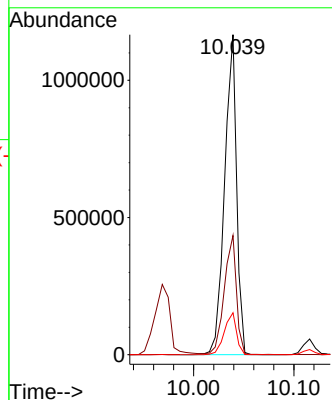
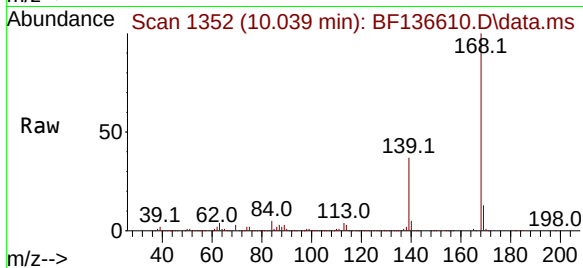




#55
Dibenzenofuran
Concen: 38.186 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

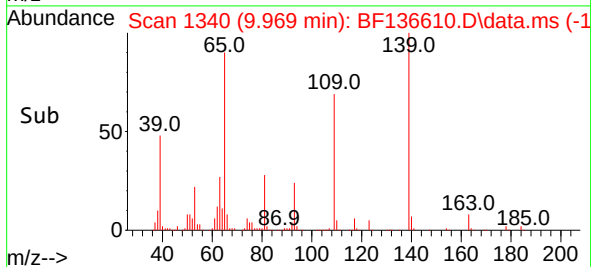
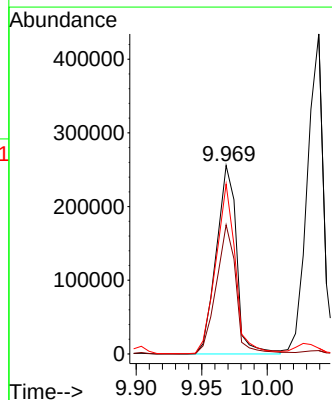
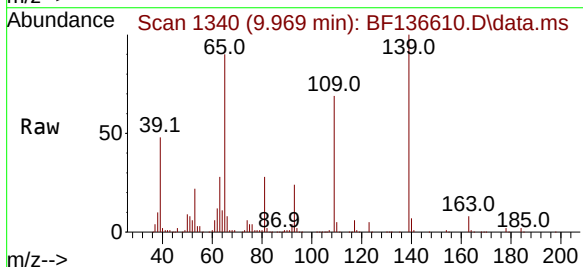
Instrument :
BNA_F
ClientSampleId :
PB157778BS

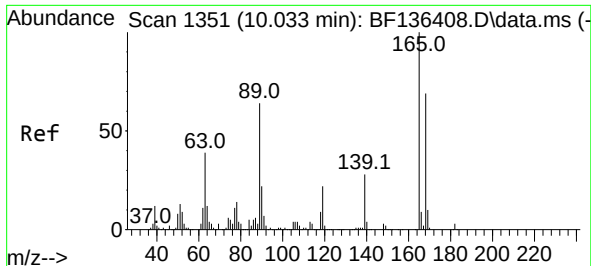
Tgt Ion:168 Resp: 964515
Ion Ratio Lower Upper
168 100
139 37.2 30.4 45.6
169 13.1 9.9 14.9



#56
4-Nitrophenol
Concen: 75.861 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:139 Resp: 275093
Ion Ratio Lower Upper
139 100
109 68.5 50.6 90.6
65 90.1 73.1 113.1

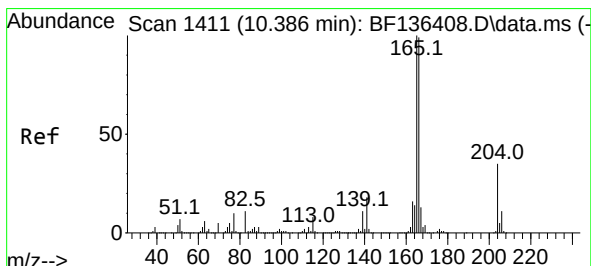
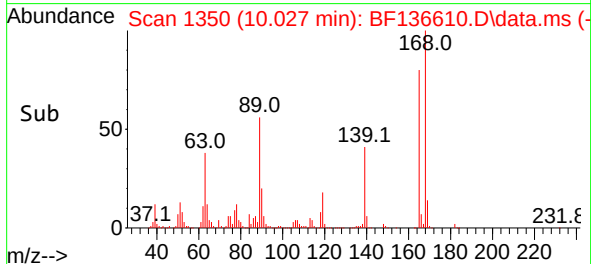
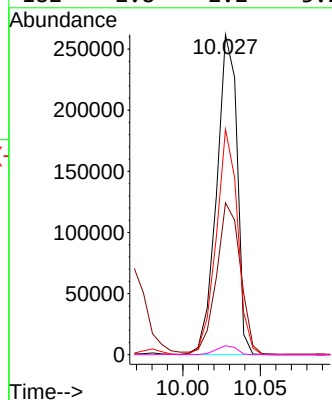
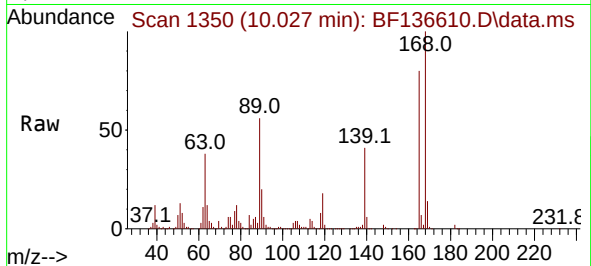




#57
2,4-Dinitrotoluene
Concen: 38.355 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

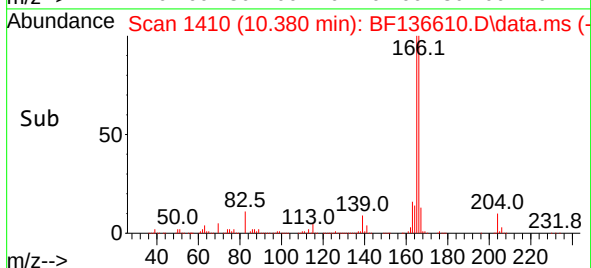
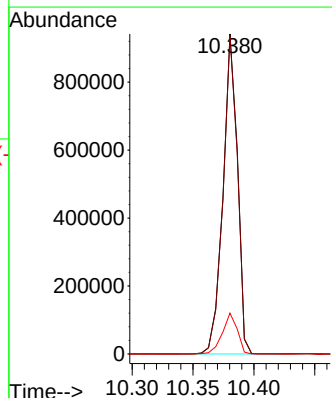
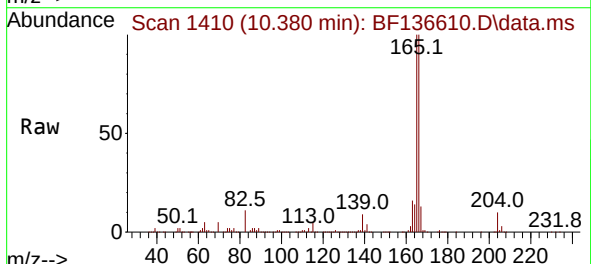
Instrument :
BNA_F
ClientSampleId :
PB157778BS

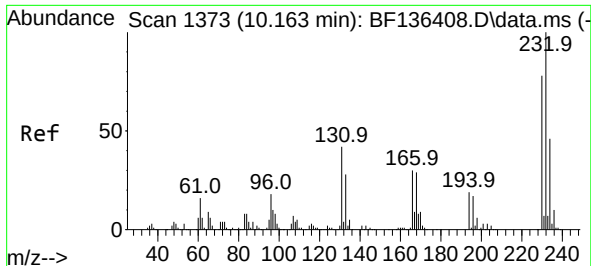
Tgt Ion:165 Resp: 240353
Ion Ratio Lower Upper
165 100
63 47.5 31.4 47.2#
89 70.4 51.7 77.5
182 2.8 2.2 3.2



#58
Fluorene
Concen: 38.435 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:166 Resp: 779309
Ion Ratio Lower Upper
166 100
165 99.6 80.5 120.7
167 12.8 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.978 ng

RT: 10.157 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

Tgt Ion:232 Resp: 217425

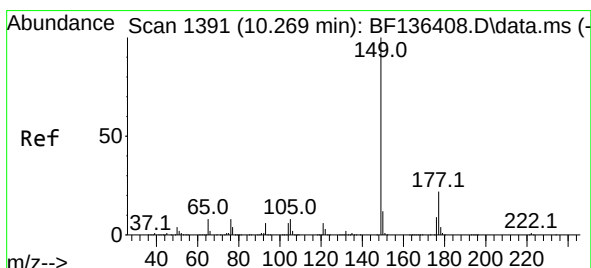
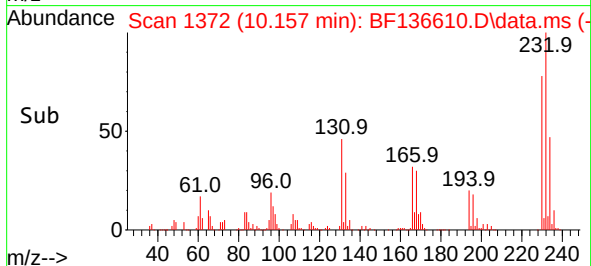
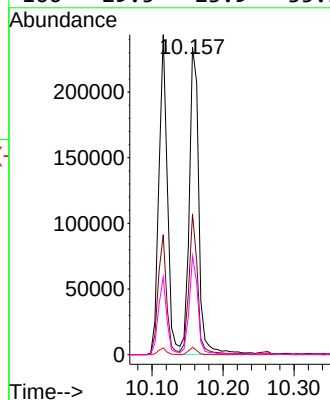
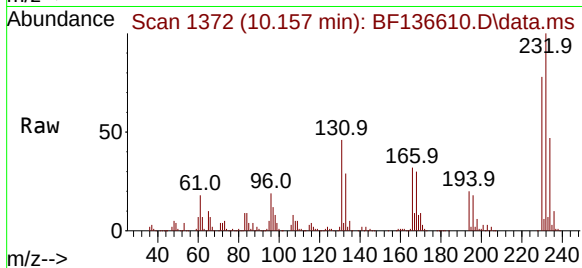
Ion Ratio Lower Upper

232 100

131 41.9 34.3 51.5

130 2.1 1.6 2.4

166 29.5 23.9 35.9



#60

Diethylphthalate

Concen: 39.676 ng

RT: 10.263 min Scan# 1390

Delta R.T. 0.012 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

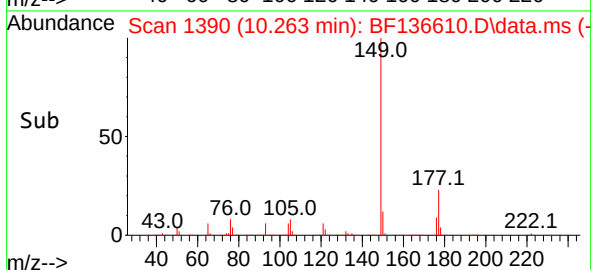
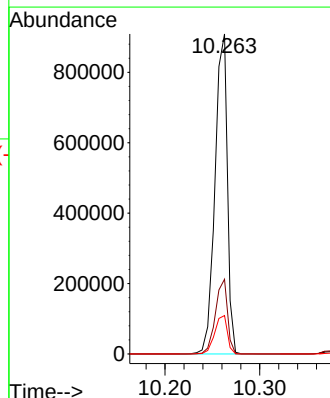
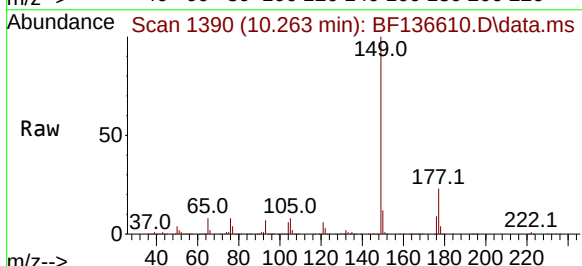
Tgt Ion:149 Resp: 821500

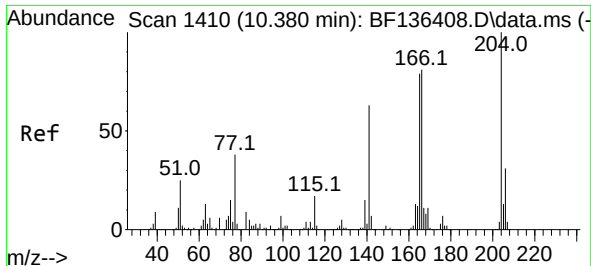
Ion Ratio Lower Upper

149 100

177 23.3 17.8 26.8

150 12.0 9.4 14.0

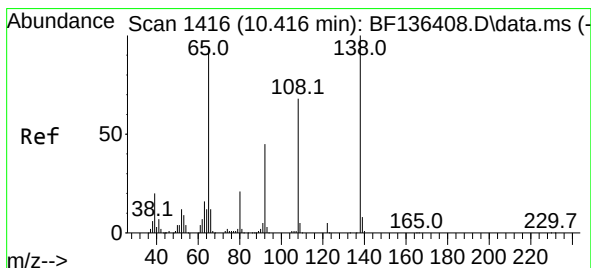
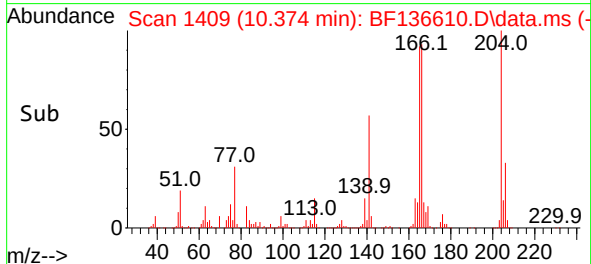
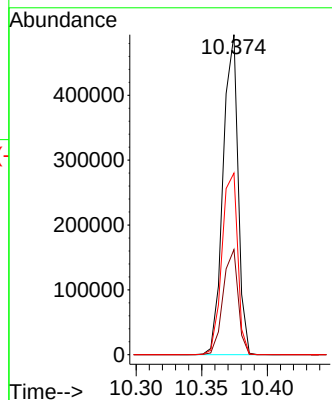
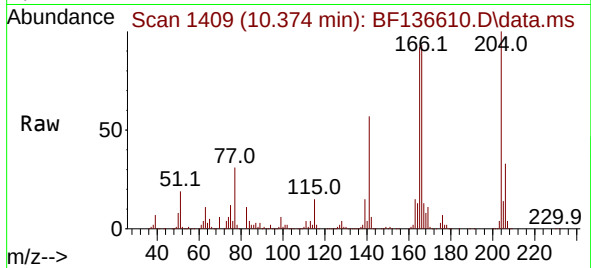




#61
4-Chlorophenyl-phenylether
Concen: 39.559 ng
RT: 10.374 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

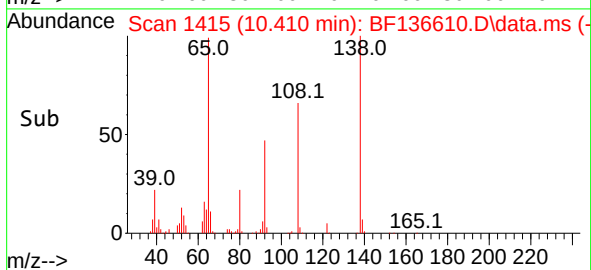
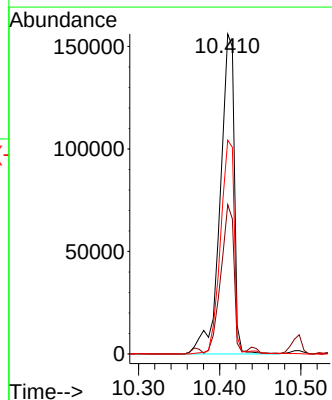
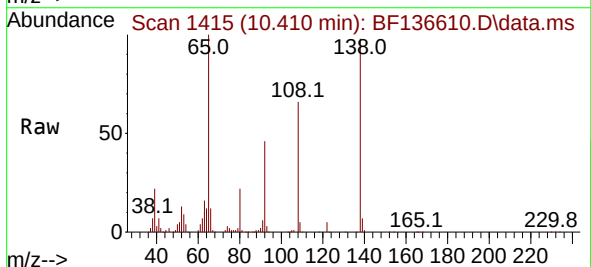
Instrument :
BNA_F
ClientSampleId :
PB157778BS

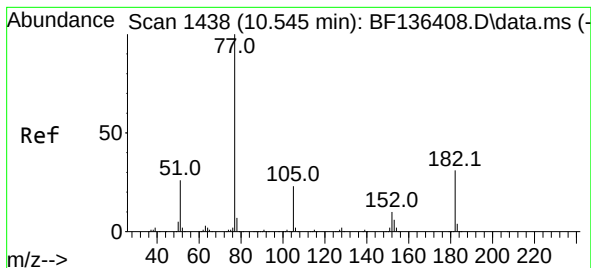
Tgt Ion:204 Resp: 391017
Ion Ratio Lower Upper
204 100
206 32.9 24.6 36.8
141 56.8 50.3 75.5



#62
4-Nitroaniline
Concen: 39.333 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:138 Resp: 188925
Ion Ratio Lower Upper
138 100
92 46.6 25.0 65.0
108 66.8 47.9 87.9





#63

Azobenzene

Concen: 37.902 ng

RT: 10.533 min Scan# 1438

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

Tgt Ion: 77 Resp: 714294

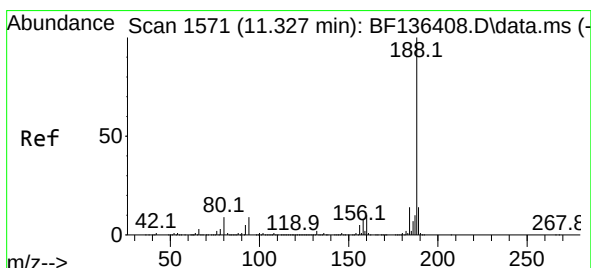
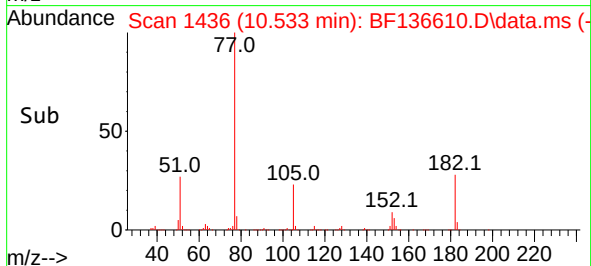
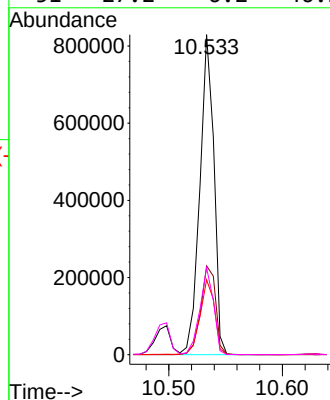
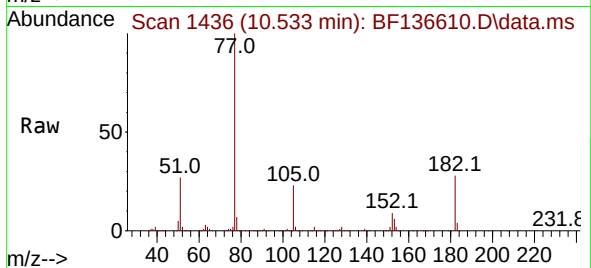
Ion Ratio Lower Upper

77 100

182 27.8 10.8 50.8

105 23.4 2.6 42.6

51 27.2 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

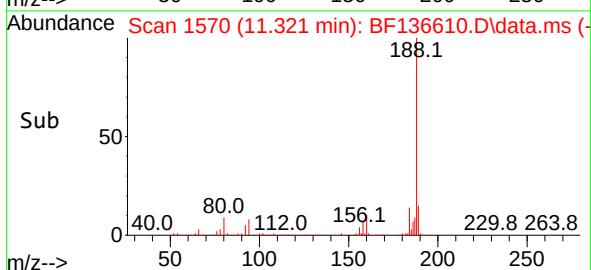
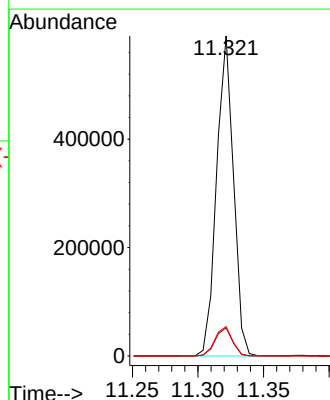
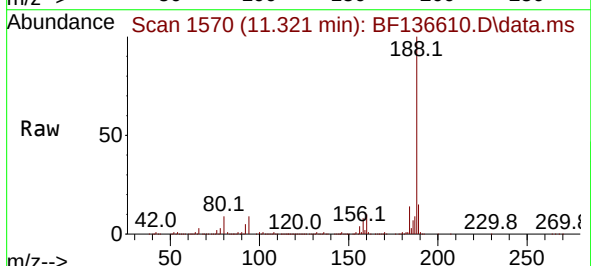
Tgt Ion: 188 Resp: 527201

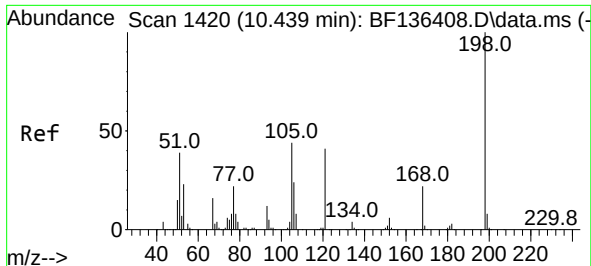
Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 9.2 7.2 10.8

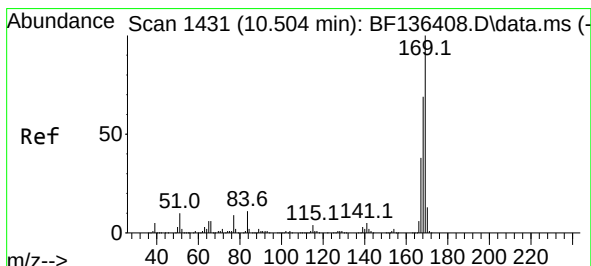
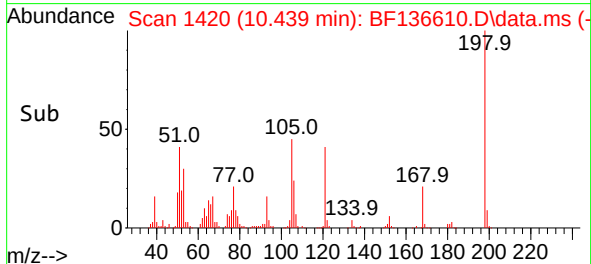
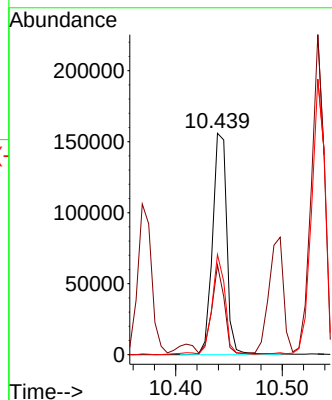
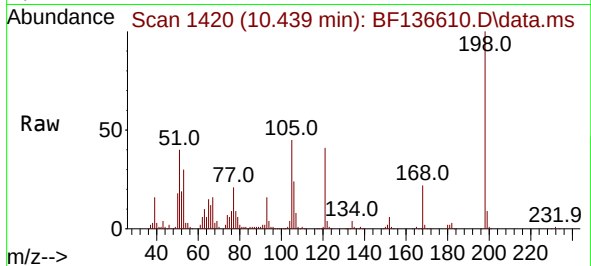




#65
4,6-Dinitro-2-methylphenol
Concen: 44.689 ng
RT: 10.439 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

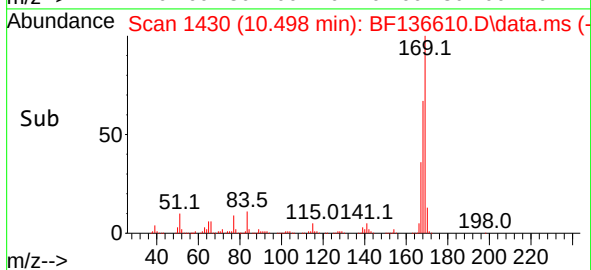
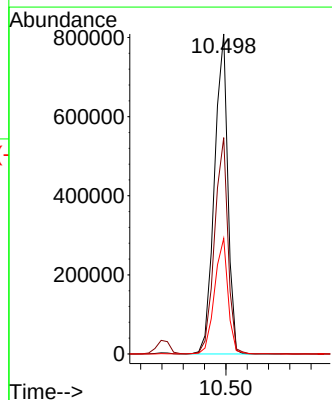
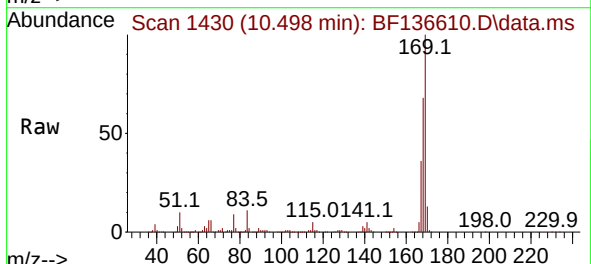
Instrument :
BNA_F
ClientSampleId :
PB157778BS

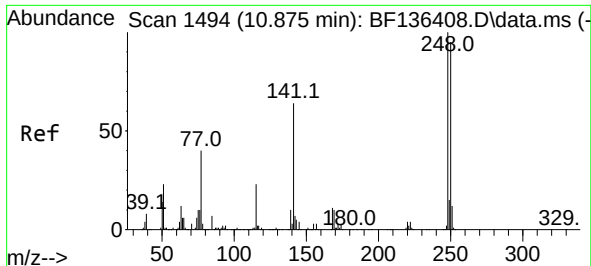
Tgt Ion:198 Resp: 145910
Ion Ratio Lower Upper
198 100
51 40.5 24.1 64.1
105 45.3 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 41.571 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:169 Resp: 703240
Ion Ratio Lower Upper
169 100
168 67.6 55.3 82.9
167 36.1 30.1 45.1

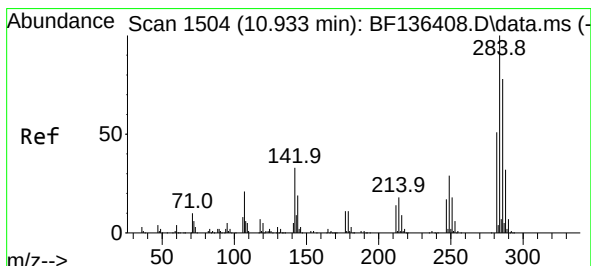
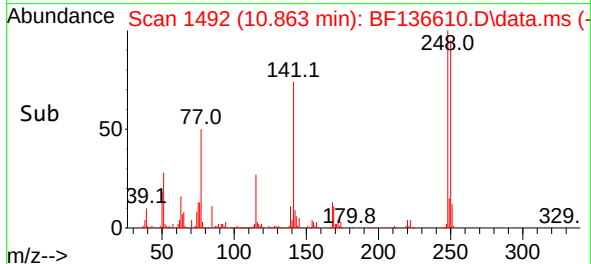
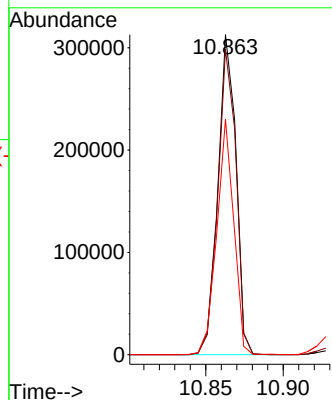
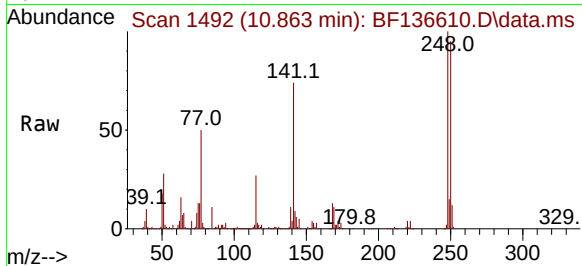




#67
4-Bromophenyl-phenylether
Concen: 41.513 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

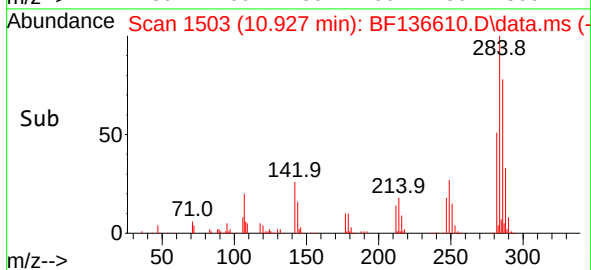
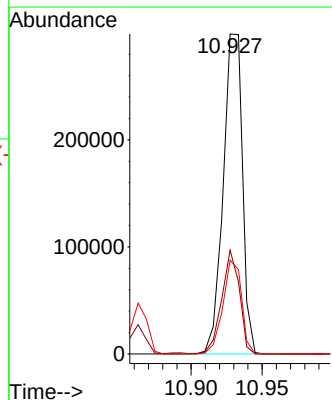
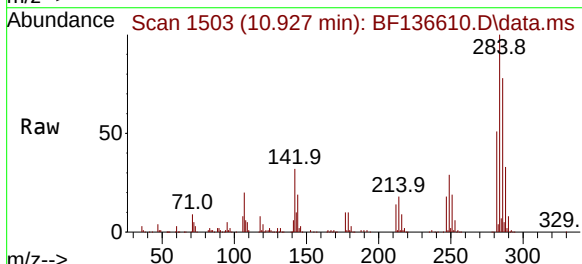
Instrument :
BNA_F
ClientSampleId :
PB157778BS

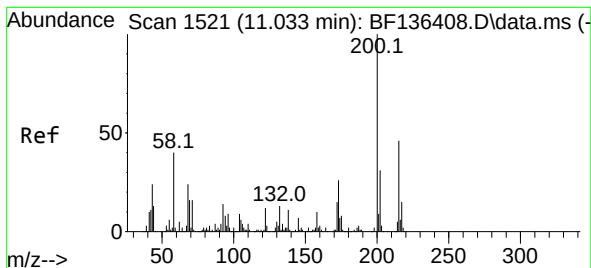
Tgt Ion:248 Resp: 254459
Ion Ratio Lower Upper
248 100
250 95.4 76.2 114.2
141 73.7 51.0 76.4



#68
Hexachlorobenzene
Concen: 39.881 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:284 Resp: 282535
Ion Ratio Lower Upper
284 100
142 32.4 26.5 39.7
249 29.3 23.4 35.0





#69

Atrazine

Concen: 62.632 ng

RT: 11.033 min Scan# 1521

Delta R.T. 0.012 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

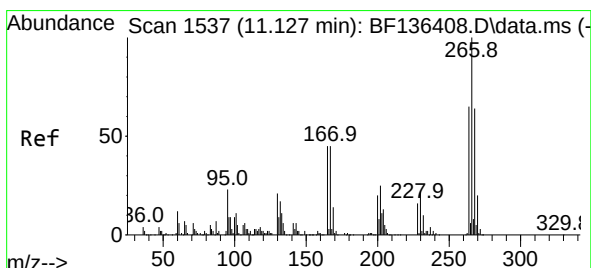
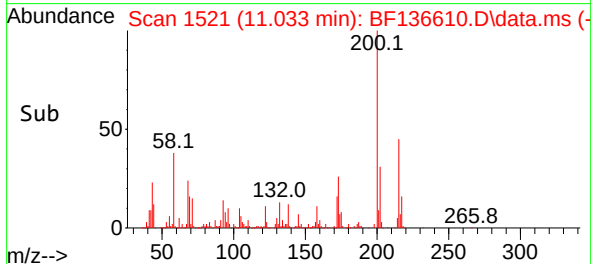
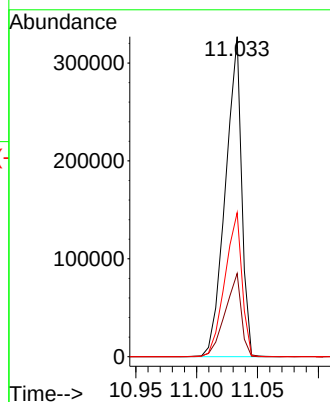
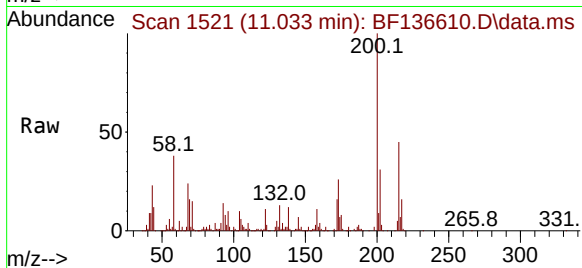
Tgt Ion:200 Resp: 302405

Ion Ratio Lower Upper

200 100

173 26.0 6.0 46.0

215 45.0 25.5 65.5



#70

Pentachlorophenol

Concen: 69.017 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.012 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

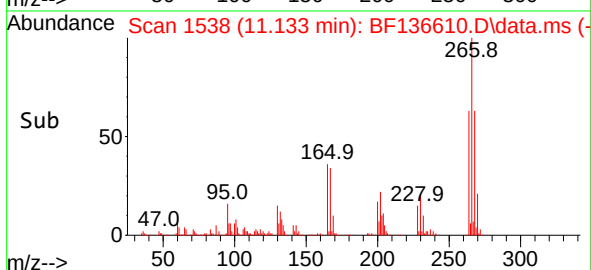
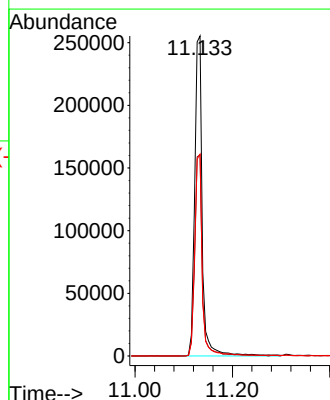
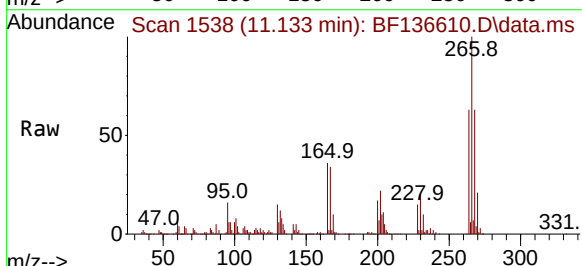
Tgt Ion:266 Resp: 275952

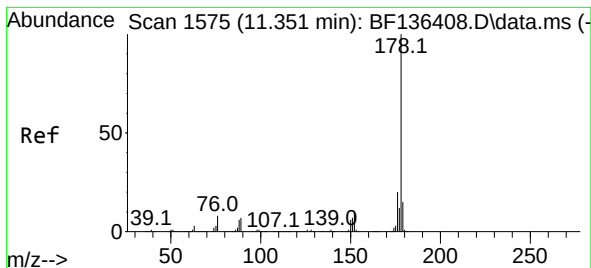
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.6

264 63.1 52.2 78.4





#71

Phenanthrene

Concen: 39.890 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.012 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

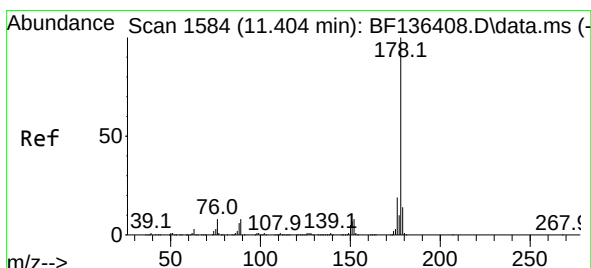
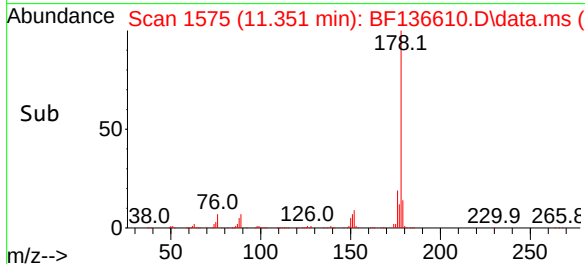
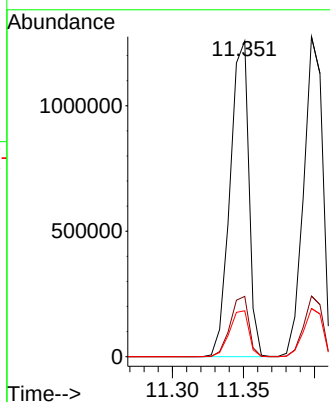
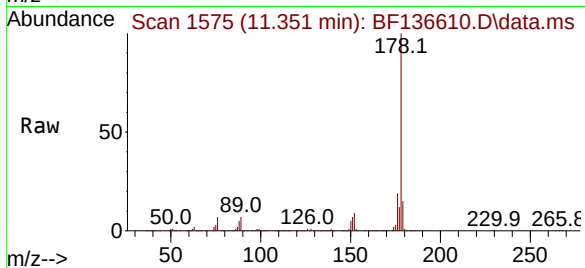
Tgt Ion:178 Resp: 1155907

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

179 14.5 11.8 17.6



#72

Anthracene

Concen: 40.359 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

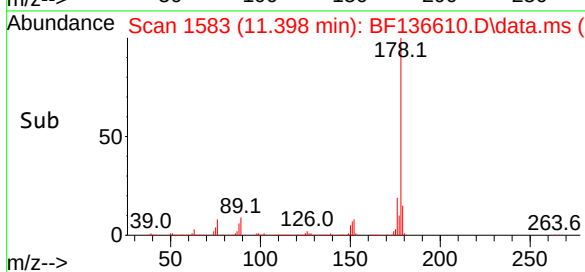
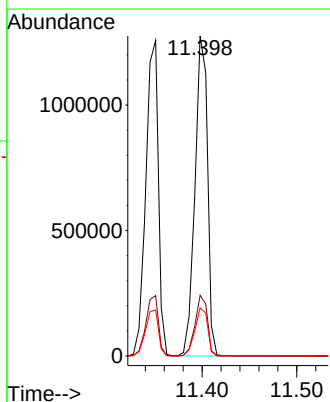
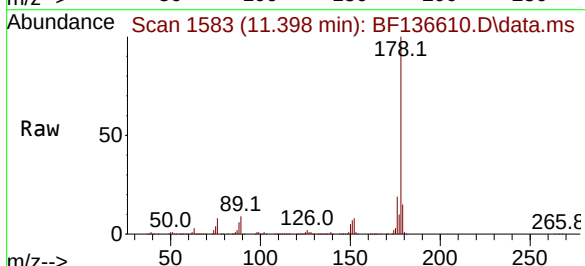
Tgt Ion:178 Resp: 1177927

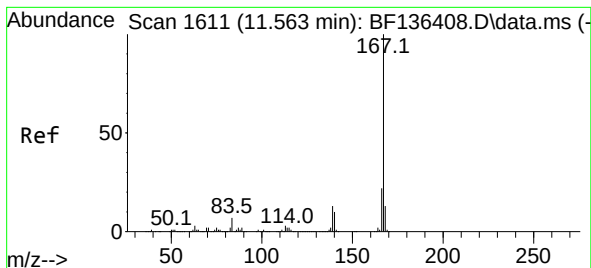
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.0 11.4 17.0





#73

Carbazole

Concen: 38.803 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

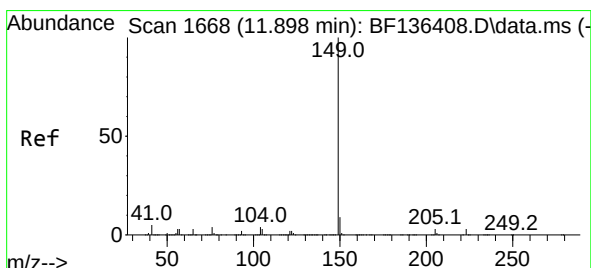
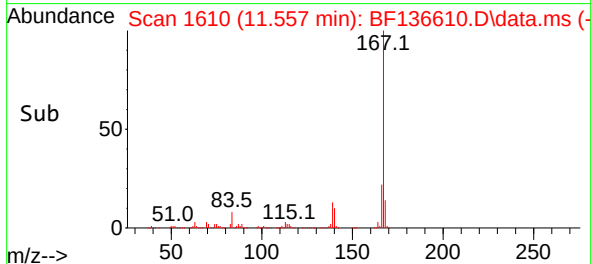
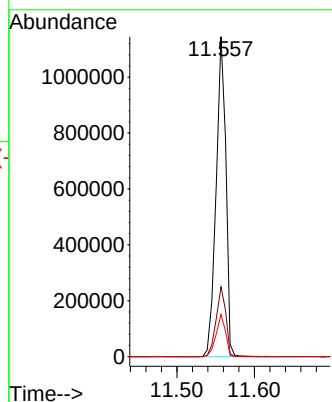
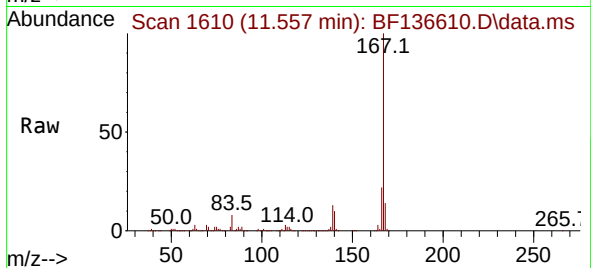
Tgt Ion:167 Resp: 1002375

Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

139 13.2 10.2 15.4



#74

Di-n-butylphthalate

Concen: 41.223 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

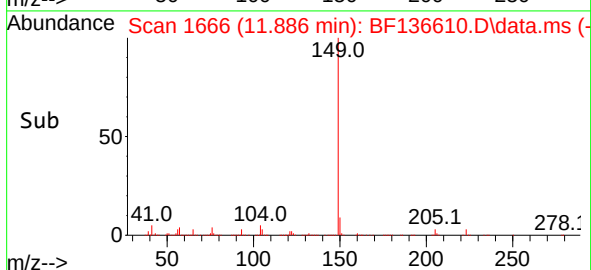
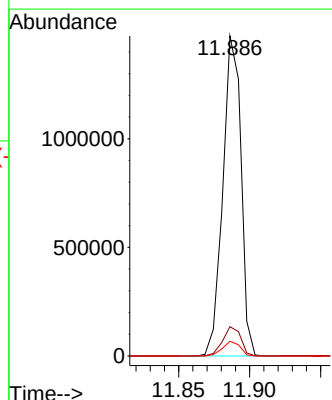
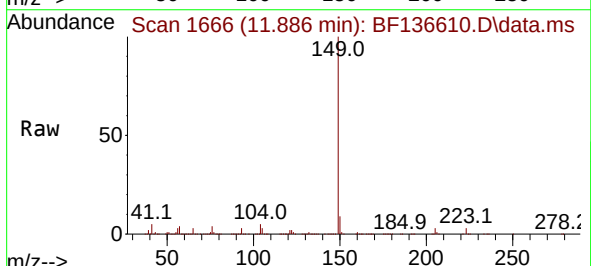
Tgt Ion:149 Resp: 1305454

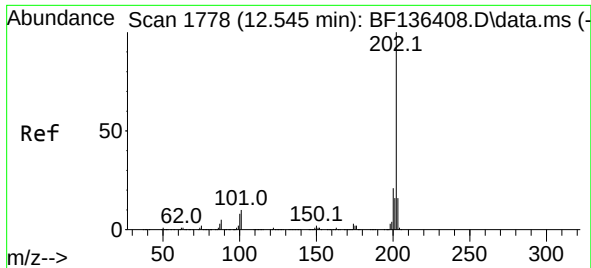
Ion Ratio Lower Upper

149 100

150 9.2 6.9 10.3

104 4.6 3.5 5.3

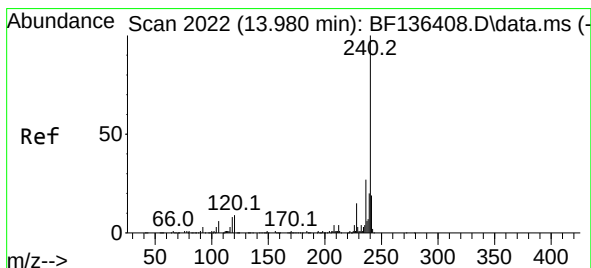
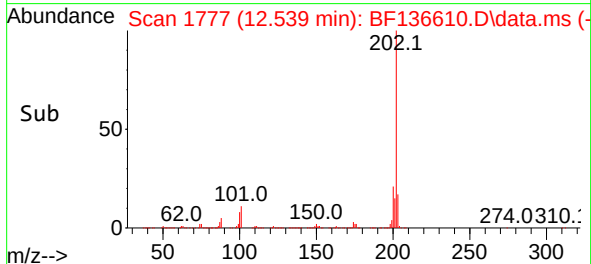
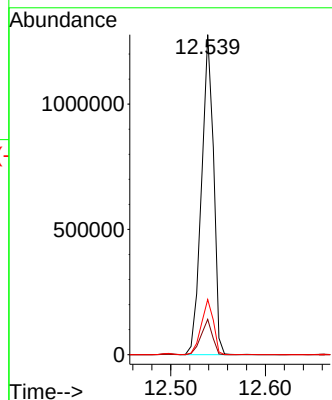
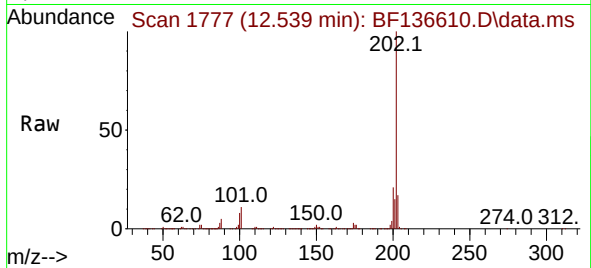




#75
Fluoranthene
Concen: 37.054 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

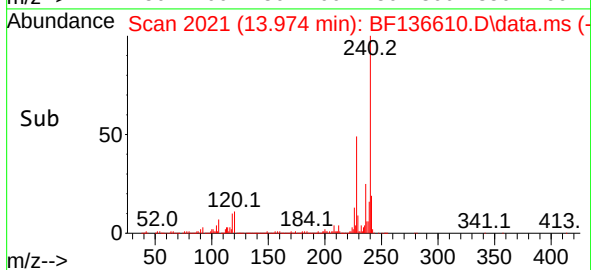
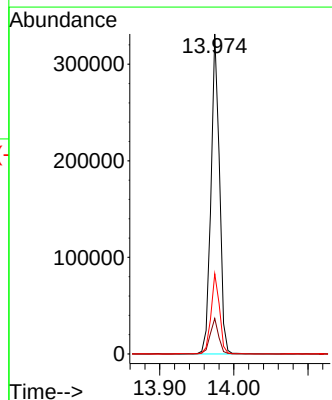
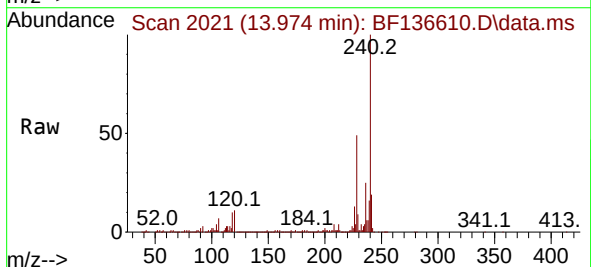
Instrument :
BNA_F
ClientSampleId :
PB157778BS

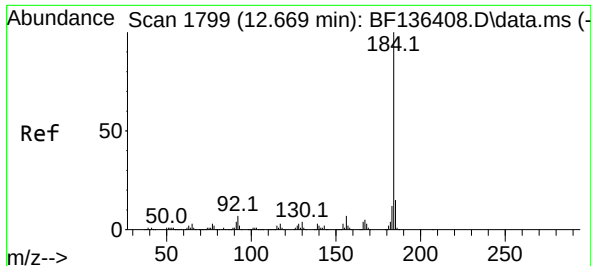
Tgt Ion:202 Resp: 1125216
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.9
203 17.3 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:240 Resp: 264942
Ion Ratio Lower Upper
240 100
120 11.1 7.3 10.9#
236 25.1 21.3 31.9

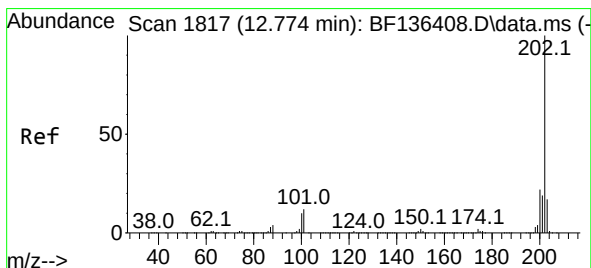
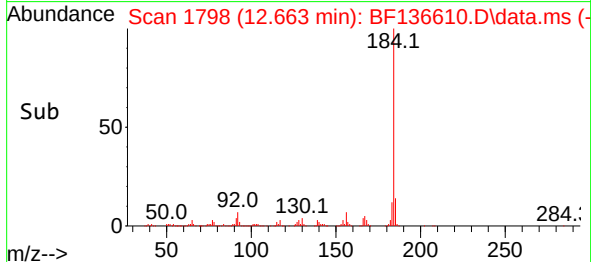
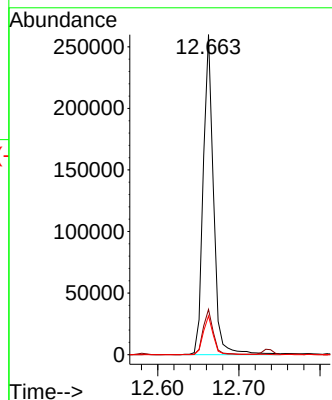
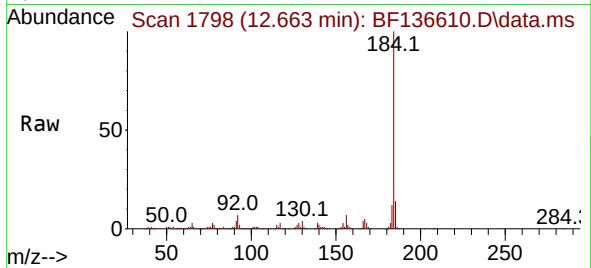




#77
Benzidine
Concen: 38.742 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

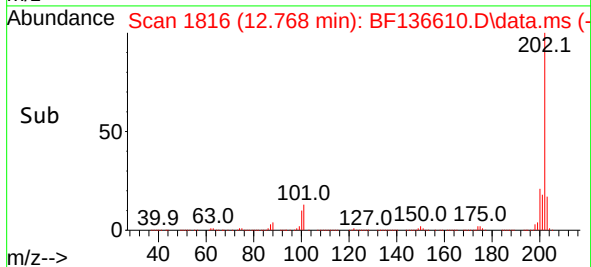
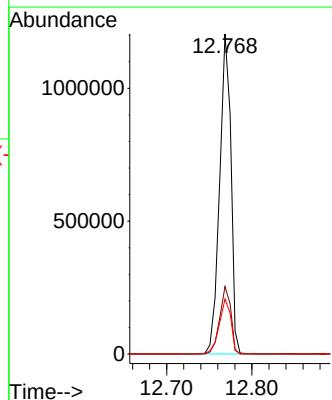
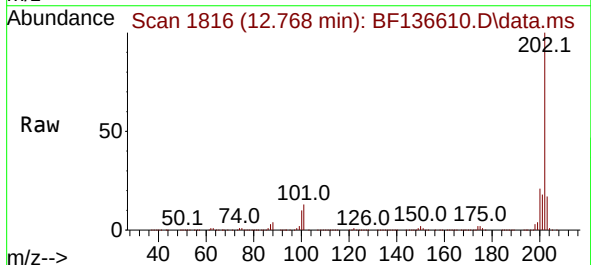
Instrument :
BNA_F
ClientSampleId :
PB157778BS

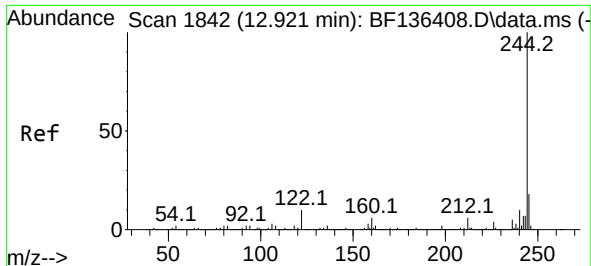
Tgt Ion:184 Resp: 229000
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 12.1 9.4 14.0



#78
Pyrene
Concen: 42.658 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

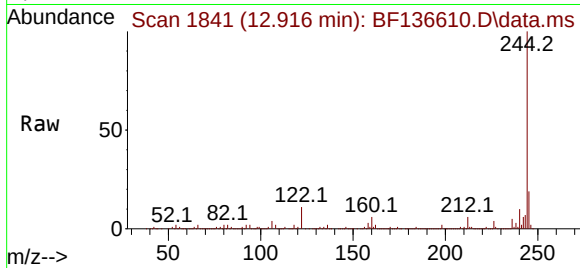
Tgt Ion:202 Resp: 1106867
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 17.1 13.5 20.3



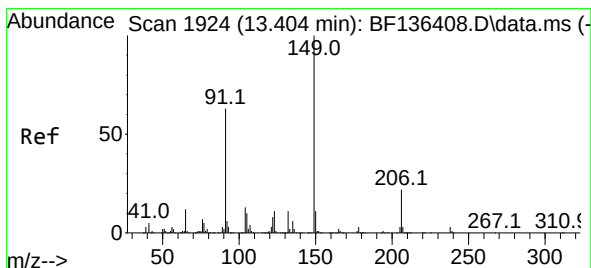
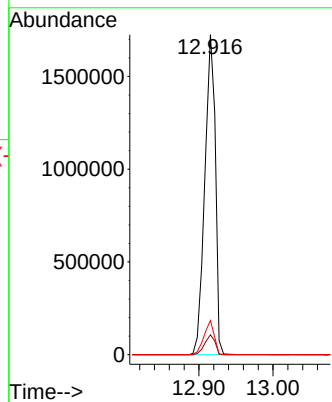
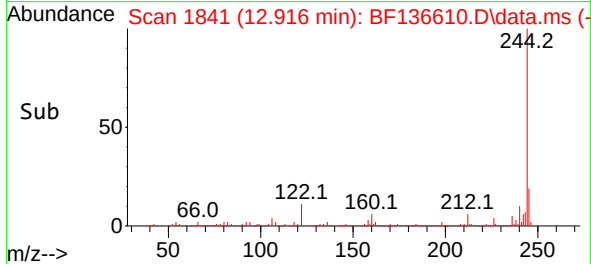


#79
 Terphenyl-d14
 Concen: 84.987 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF136610.D
 Acq: 18 Dec 2023 12:50

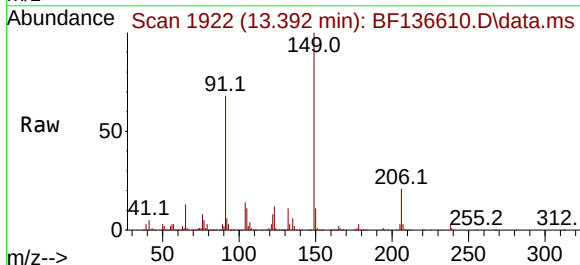
Instrument :
 BNA_F
 ClientSampleId :
 PB157778BS



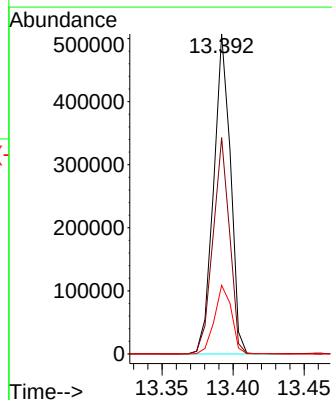
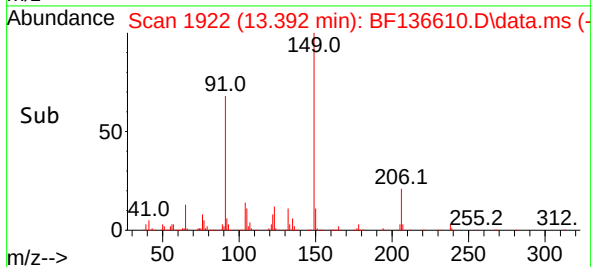
Tgt Ion:244 Resp: 1708336
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.7 8.3 12.5

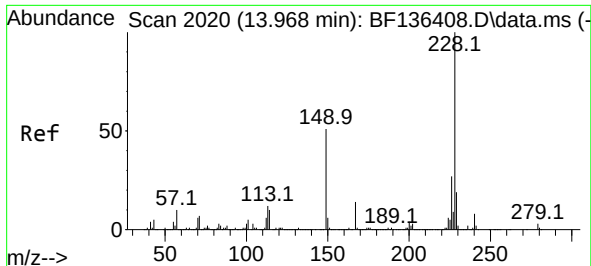


#80
 Butylbenzylphthalate
 Concen: 45.357 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.006 min
 Lab File: BF136610.D
 Acq: 18 Dec 2023 12:50



Tgt Ion:149 Resp: 418957
 Ion Ratio Lower Upper
 149 100
 91 67.6 50.5 75.7
 206 21.5 17.4 26.2

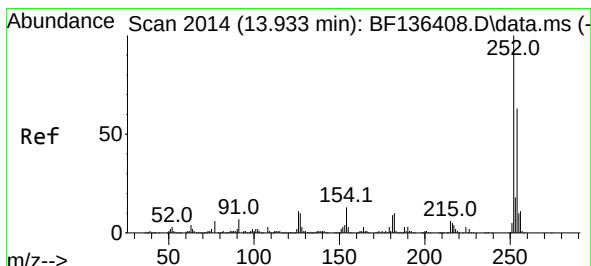
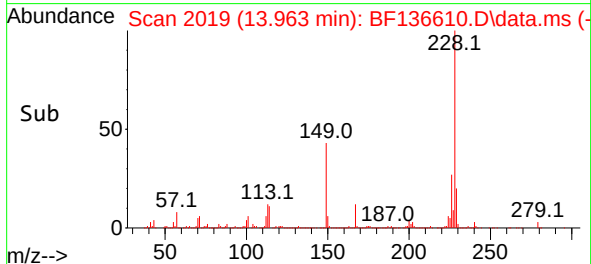
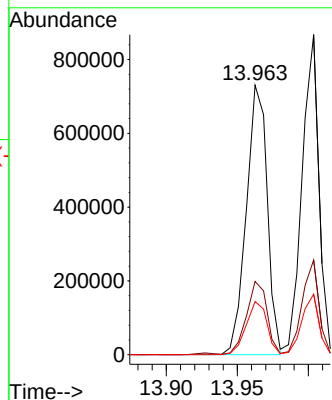
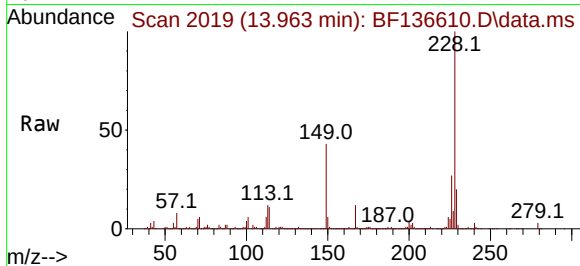




#81
Benzo(a)anthracene
Concen: 40.488 ng
RT: 13.963 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

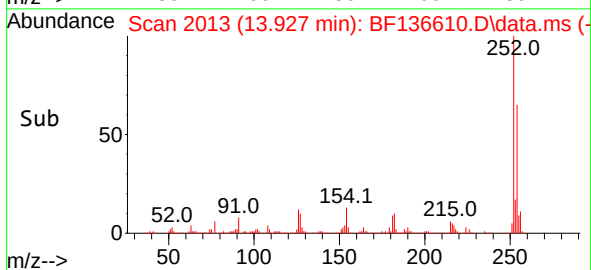
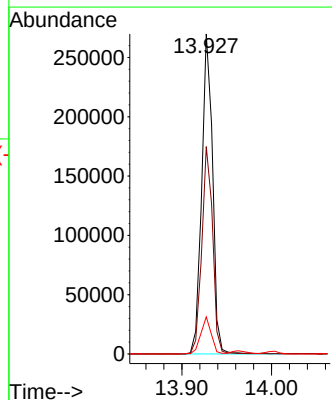
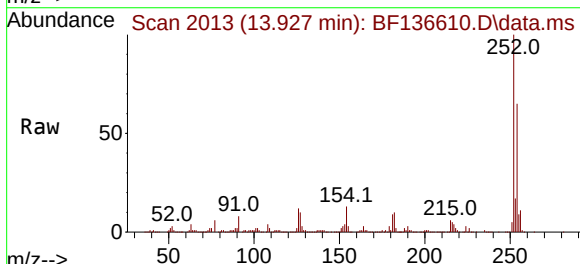
Instrument :
BNA_F
ClientSampleId :
PB157778BS

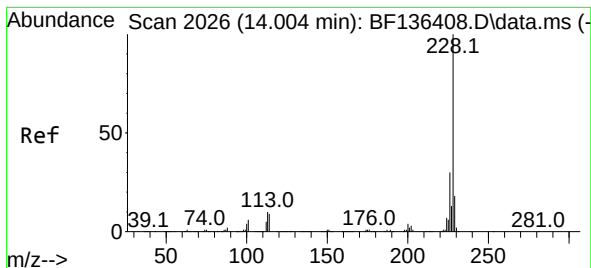
Tgt Ion:228 Resp: 747205
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.7 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 43.893 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:252 Resp: 227118
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 11.6 8.6 12.8





#83

Chrysene

Concen: 39.443 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

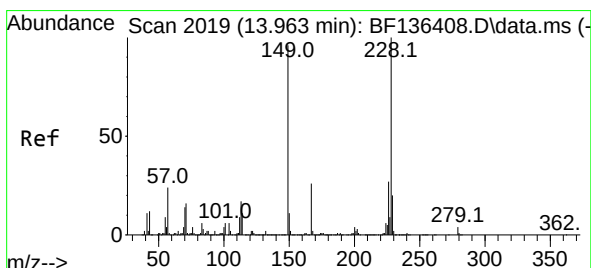
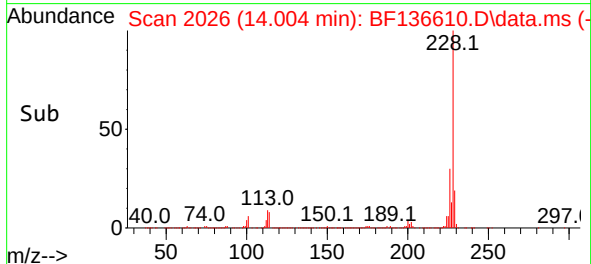
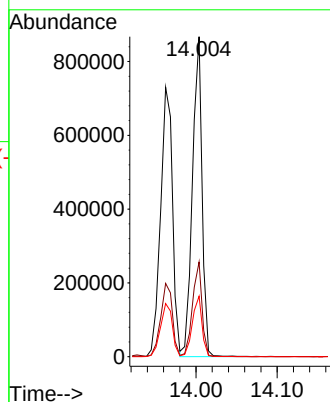
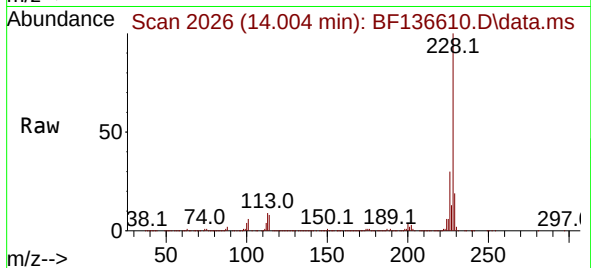
Tgt Ion:228 Resp: 716164

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 18.9 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.217 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

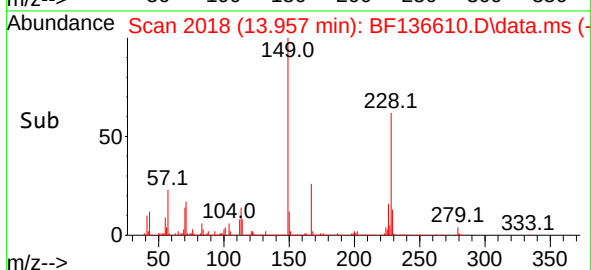
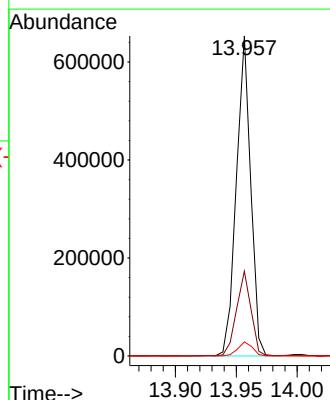
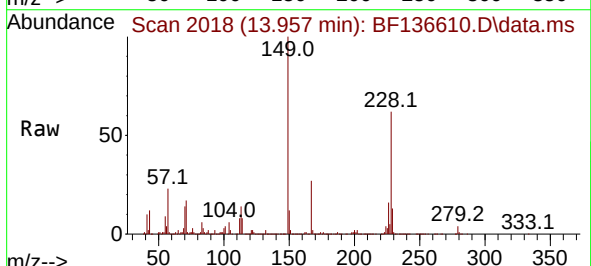
Tgt Ion:149 Resp: 534655

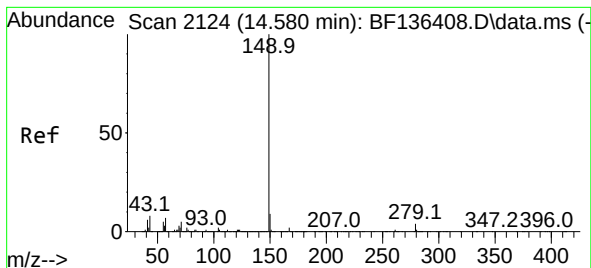
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 48.428 ng

RT: 14.574 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

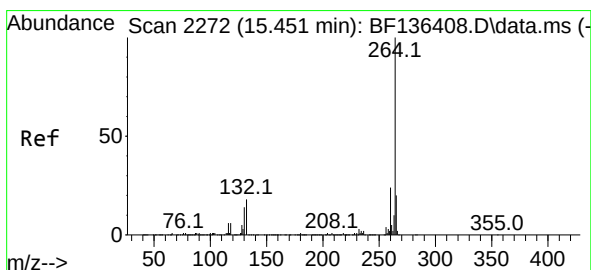
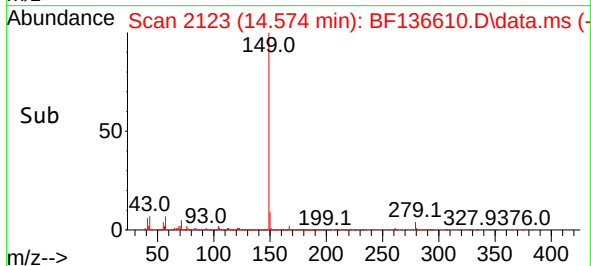
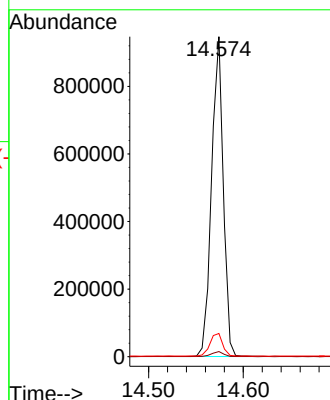
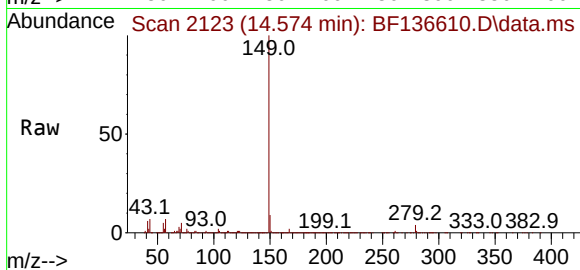
Tgt Ion:149 Resp: 809998

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

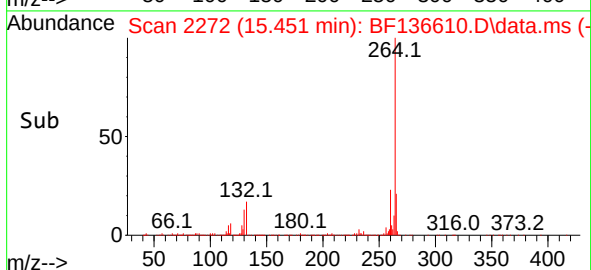
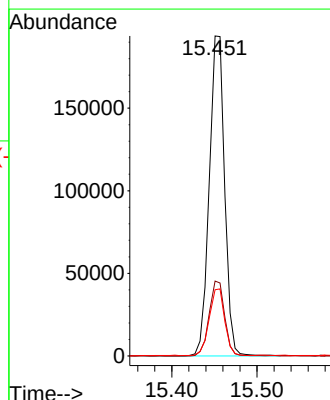
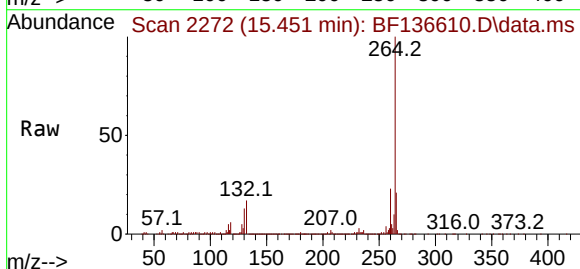
Tgt Ion:264 Resp: 242964

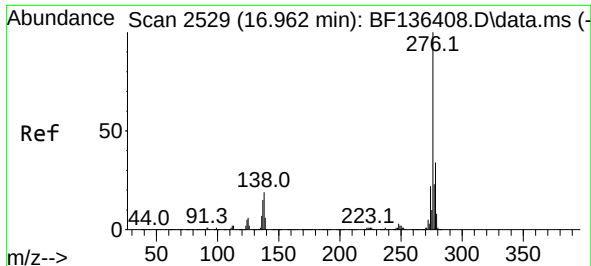
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.7 15.9 23.9

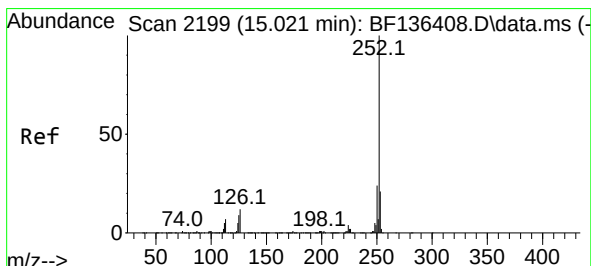
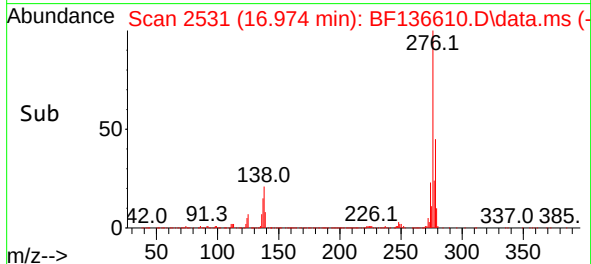
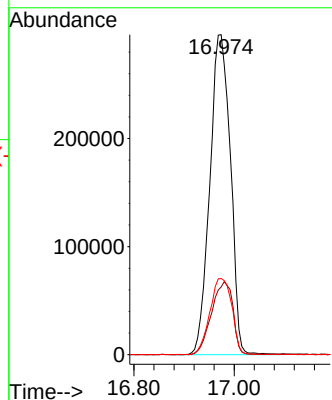
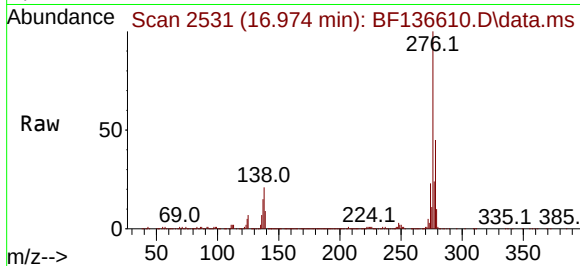




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.993 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

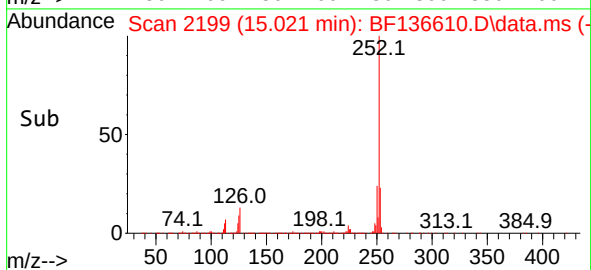
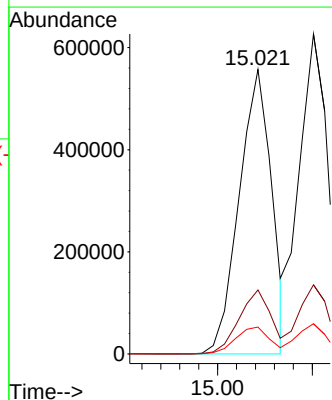
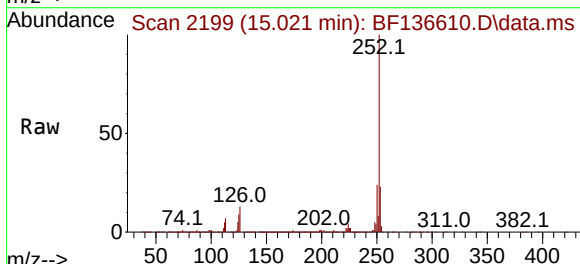
Instrument :
BNA_F
ClientSampleId :
PB157778BS

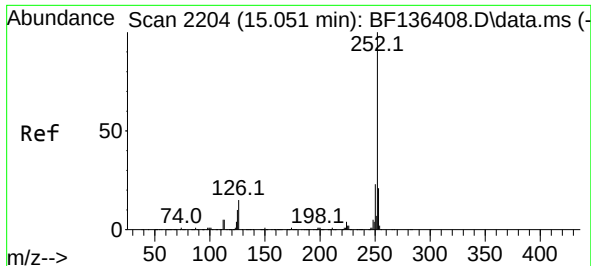
Tgt Ion:276 Resp: 843847
Ion Ratio Lower Upper
276 100
138 23.8 19.0 28.4
277 25.4 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 40.000 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:252 Resp: 664485
Ion Ratio Lower Upper
252 100
253 22.5 16.9 25.3
125 9.4 7.4 11.2

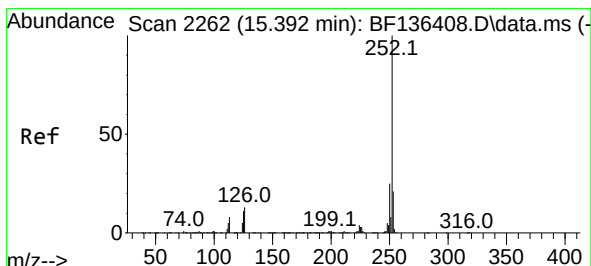
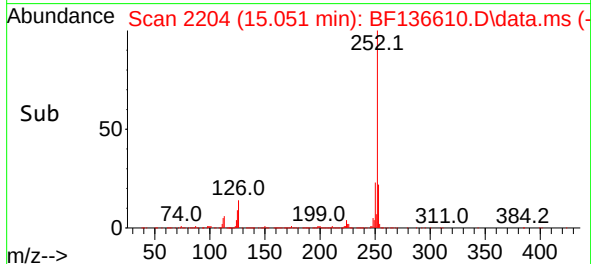
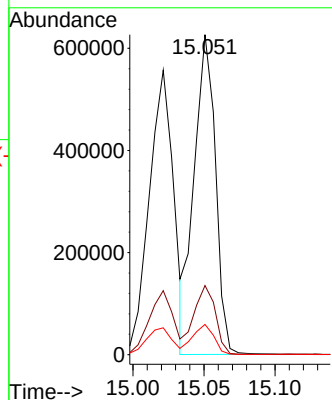
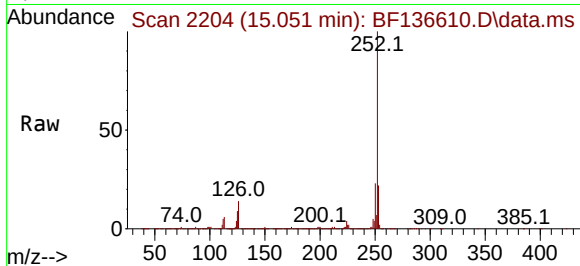




#89
Benzo(k)fluoranthene
Concen: 41.809 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

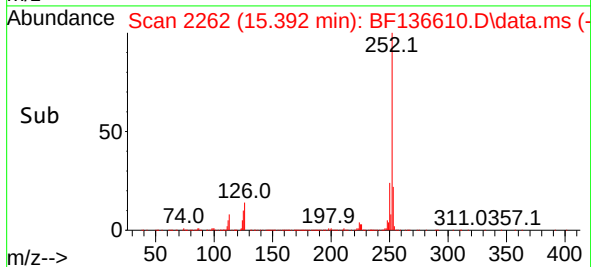
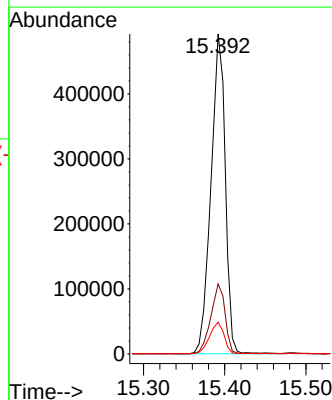
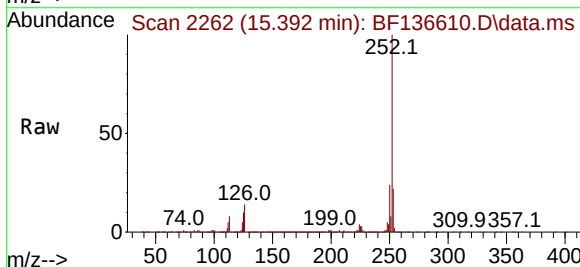
Instrument :
BNA_F
ClientSampleId :
PB157778BS

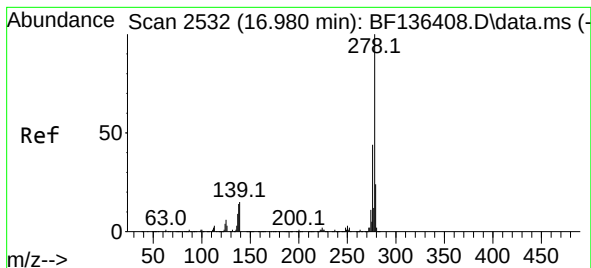
Tgt Ion:252 Resp: 654544
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 9.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 43.793 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:252 Resp: 600799
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 10.0 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 50.997 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

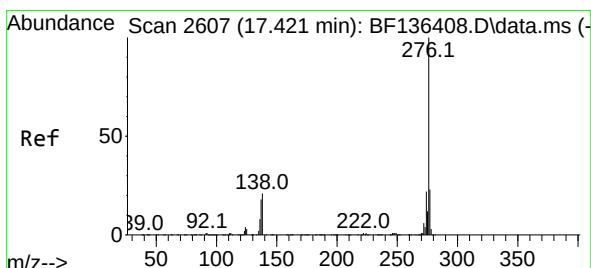
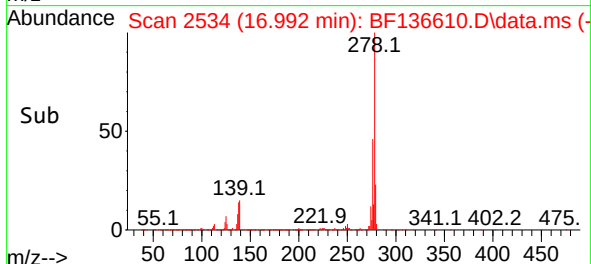
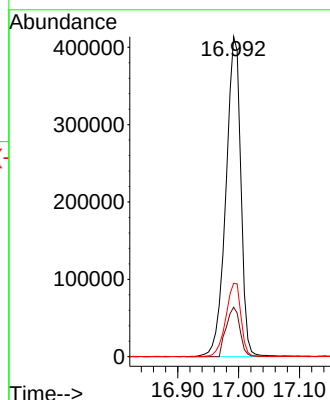
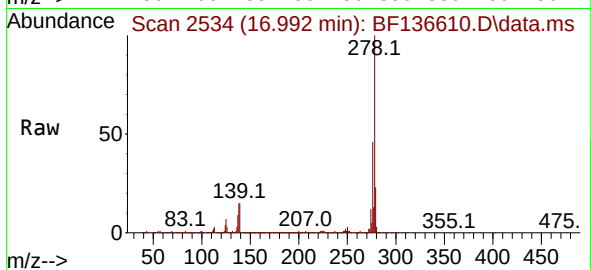
Tgt Ion:278 Resp: 705195

Ion Ratio Lower Upper

278 100

139 15.5 12.2 18.4

279 22.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 49.512 ng

RT: 17.433 min Scan# 2609

Delta R.T. 0.029 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Tgt Ion:276 Resp: 702732

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 19.9 16.6 25.0

