

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136609.D
 Acq On : 18 Dec 2023 12:18
 Operator : CG\JU
 Sample : PB157718BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157718BS

Quant Time: Dec 18 12:54:43 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	133929	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	567504	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	292715	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	532995	20.000	ng	0.00
76) Chrysene-d12	13.974	240	265097	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	249107	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1012691	111.669	ng	0.02
7) Phenol-d6	6.445	99	1236013	109.240	ng	0.01
23) Nitrobenzene-d5	7.357	82	761055	72.498	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	405512	112.355	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1584222	73.849	ng	0.00
79) Terphenyl-d14	12.916	244	1688069	83.930	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	115695	32.255	ng	96
3) Pyridine	3.398	79	265494	30.564	ng	96
4) n-Nitrosodimethylamine	3.363	42	135587	35.927	ng	88
6) Aniline	6.457	93	379898	33.223	ng	# 14
8) 2-Chlorophenol	6.581	128	404409	40.848	ng	100
9) Benzaldehyde	6.345	77	139126	21.713	ng	92
10) Phenol	6.457	94	452978	37.623	ng	82
11) bis(2-Chloroethyl)ether	6.534	93	354057	39.453	ng	96
12) 1,3-Dichlorobenzene	6.734	146	402237	36.127	ng	97
13) 1,4-Dichlorobenzene	6.810	146	418122	37.020	ng	99
14) 1,2-Dichlorobenzene	6.957	146	398209	37.493	ng	98
15) Benzyl Alcohol	6.939	79	314900	41.562	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	417714	36.190	ng	89
17) 2-Methylphenol	7.057	107	311268	38.916	ng	# 93
18) Hexachloroethane	7.298	117	148692	37.708	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	251818	38.582	ng	97
20) 3+4-Methylphenols	7.210	107	388677	39.150	ng	# 77
22) Acetophenone	7.204	105	543355	38.773	ng	97
24) Nitrobenzene	7.375	77	382192	36.191	ng	99
25) Isophorone	7.616	82	714654	37.893	ng	97
26) 2-Nitrophenol	7.692	139	216468	41.695	ng	# 88
27) 2,4-Dimethylphenol	7.733	122	346878	54.186	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	447820	38.641	ng	100
29) 2,4-Dichlorophenol	7.933	162	335398	39.693	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	368822	37.433	ng	99
31) Naphthalene	8.092	128	1149027	36.715	ng	99
32) Benzoic acid	7.881	122	246978	38.891	ng	96
33) 4-Chloroaniline	8.145	127	278796	24.988	ng	98
34) Hexachlorobutadiene	8.204	225	213173	36.507	ng	100
35) Caprolactam	8.528	113	69458	26.693	ng	91
36) 4-Chloro-3-methylphenol	8.639	107	351147	39.139	ng	99
37) 2-Methylnaphthalene	8.786	142	755484	37.945	ng	95
38) 1-Methylnaphthalene	8.886	142	701261	35.894	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	368710	40.487	ng	99
41) Hexachlorocyclopentadiene	8.933	237	355060	105.240	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	241217	40.680	ng	99

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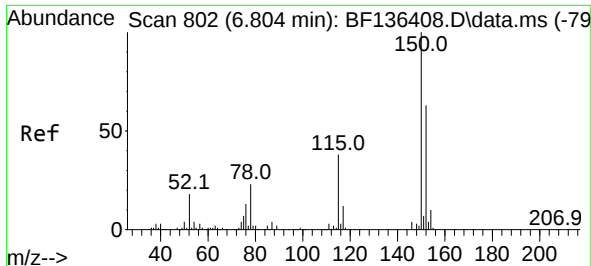
Quant Time: Dec 18 12:54:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	254247	38.417	ng	98
46) 1,1'-Biphenyl	9.251	154	972848	39.059	ng	98
47) 2-Chloronaphthalene	9.275	162	737641	38.051	ng	97
48) 2-Nitroaniline	9.375	65	200258	38.516	ng	94
49) Acenaphthylene	9.692	152	1080892	39.141	ng	99
50) Dimethylphthalate	9.557	163	868629	40.306	ng	99
51) 2,6-Dinitrotoluene	9.622	165	188766	38.934	ng	99
52) Acenaphthene	9.863	154	680782	38.470	ng	96
53) 3-Nitroaniline	9.792	138	155705	31.450	ng	97
54) 2,4-Dinitrophenol	9.904	184	203551	83.038	ng	# 93
55) Dibenzofuran	10.039	168	980248	37.918	ng	98
56) 4-Nitrophenol	9.969	139	278429	75.019	ng	96
57) 2,4-Dinitrotoluene	10.027	165	243401	37.950	ng	# 89
58) Fluorene	10.380	166	789174	38.028	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	216725	40.882	ng	99
60) Diethylphthalate	10.263	149	835995	39.450	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	397925	39.334	ng	92
62) 4-Nitroaniline	10.410	138	188600	38.364	ng	97
63) Azobenzene	10.533	77	725467	37.611	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	146261	44.309	ng	80
66) n-Nitrosodiphenylamine	10.498	169	708515	41.427	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	255059	41.159	ng	93
68) Hexachlorobenzene	10.933	284	284248	39.687	ng	# 89
69) Atrazine	11.033	200	300472	61.555	ng	98
70) Pentachlorophenol	11.133	266	275319	68.111	ng	99
71) Phenanthrene	11.351	178	1172582	40.026	ng	99
72) Anthracene	11.398	178	1190972	40.362	ng	98
73) Carbazole	11.557	167	1002111	38.371	ng	99
74) Di-n-butylphthalate	11.886	149	1295486	40.464	ng	98
75) Fluoranthene	12.539	202	1110389	36.169	ng	97
77) Benzidine	12.663	184	236679	39.502	ng	98
78) Pyrene	12.768	202	1113727	42.897	ng	98
80) Butylbenzylphthalate	13.392	149	415197	44.924	ng	93
81) Benzo(a)anthracene	13.968	228	762104	41.271	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	231096	44.635	ng	99
83) Chrysene	14.004	228	721153	39.694	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	543379	47.959	ng	99
85) Di-n-octyl phthalate	14.574	149	822125	49.124	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	859898	49.688	ng	99
88) Benzo(b)fluoranthene	15.021	252	748923	43.971	ng	98
89) Benzo(k)fluoranthene	15.051	252	623591	38.850	ng	99
90) Benzo(a)pyrene	15.398	252	613017	43.582	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	724433	51.096	ng	99
92) Benzo(g,h,i)perylene	17.439	276	715568	49.173	ng	99

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

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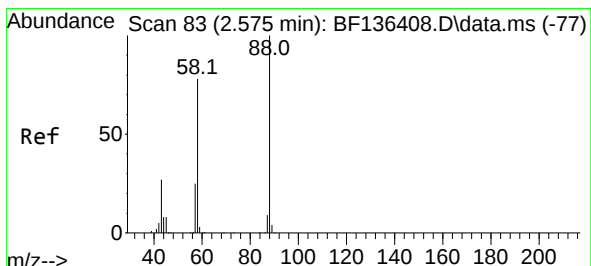
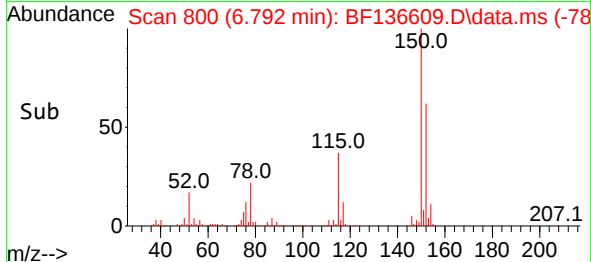
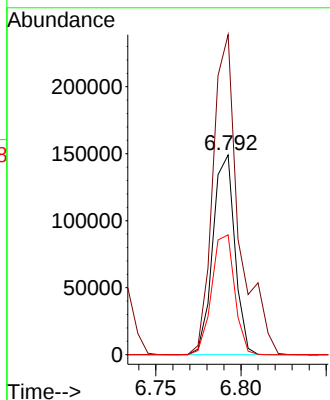
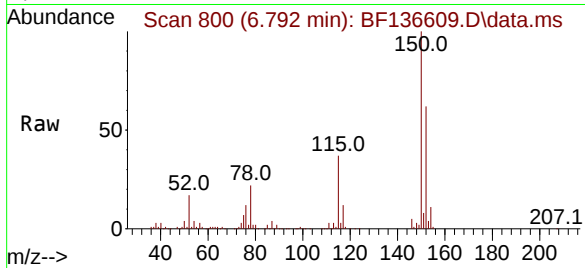




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BF136609.D
 Acq: 18 Dec 2023 12:18

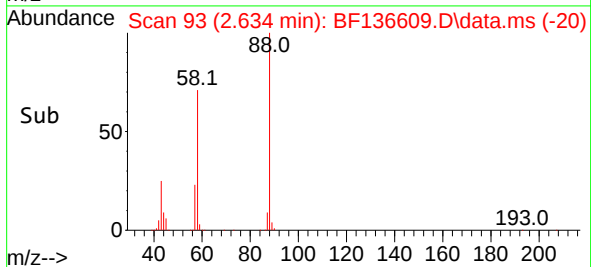
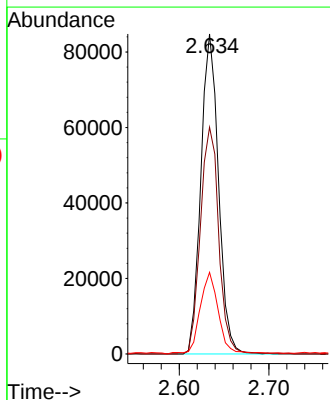
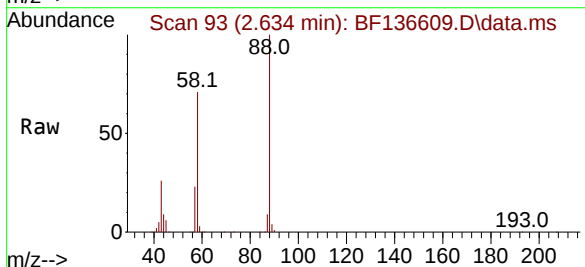
Instrument :
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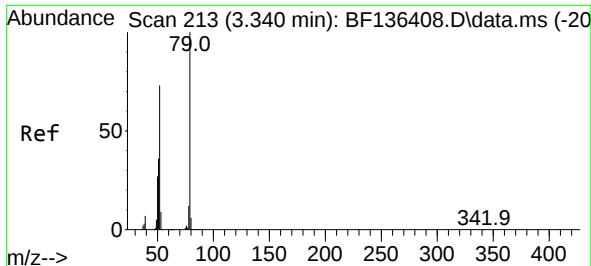
Tgt Ion:152 Resp: 133929
 Ion Ratio Lower Upper
 152 100
 150 160.2 126.4 189.6
 115 60.0 48.2 72.4



#2
 1,4-Dioxane
 Concen: 32.255 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.082 min
 Lab File: BF136609.D
 Acq: 18 Dec 2023 12:18

Tgt Ion: 88 Resp: 115695
 Ion Ratio Lower Upper
 88 100
 58 73.7 62.2 93.2
 43 26.3 21.5 32.3

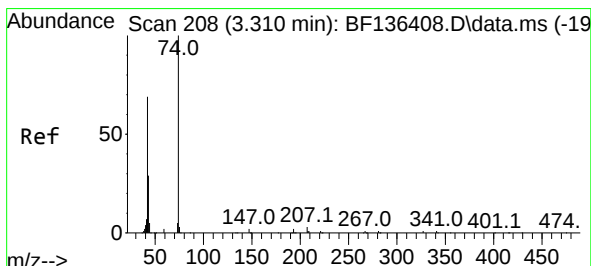
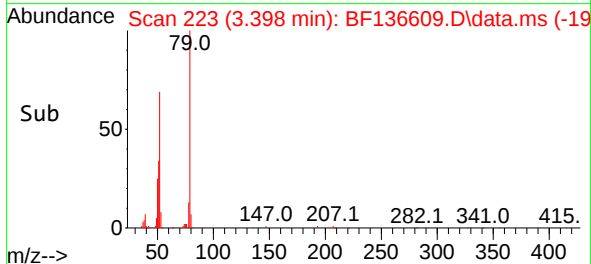
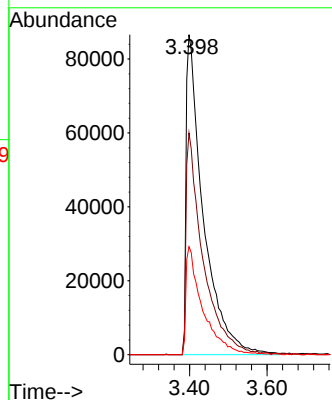
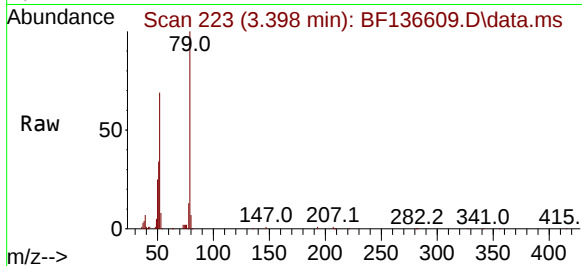




#3
Pyridine
Concen: 30.564 ng
RT: 3.398 min Scan# 213
Delta R.T. 0.088 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

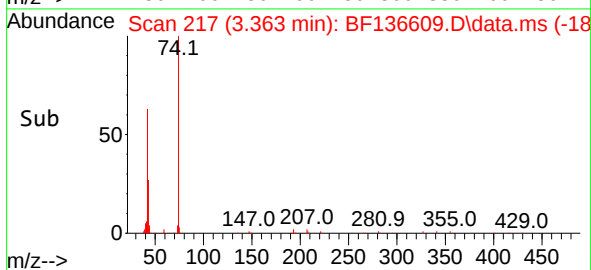
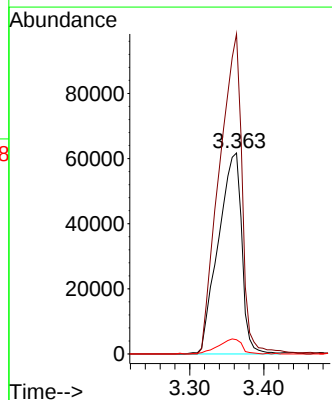
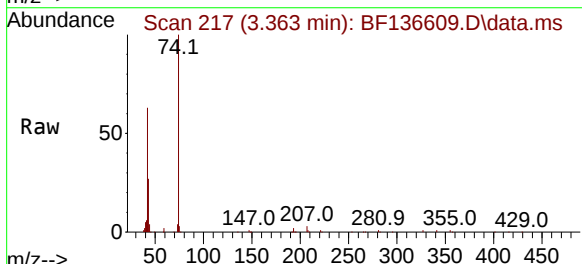
Instrument :
BNA_F
ClientSampleId :
PB157718BS

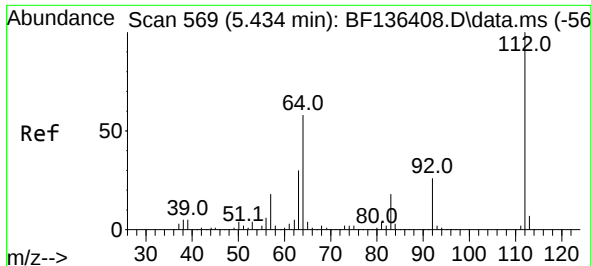
Tgt Ion: 79 Resp: 265494
Ion Ratio Lower Upper
79 100
52 69.3 58.2 87.2
51 33.7 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 35.927 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.076 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion: 42 Resp: 135587
Ion Ratio Lower Upper
42 100
74 159.2 115.4 173.0
44 7.1 6.2 9.2

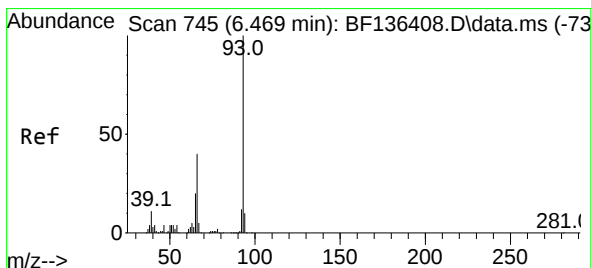
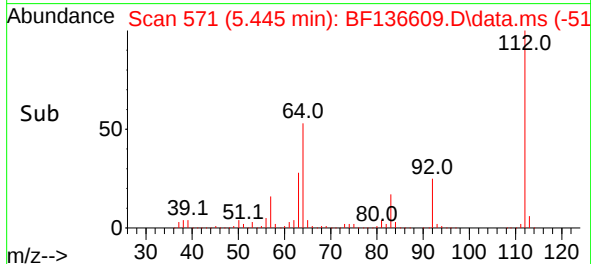
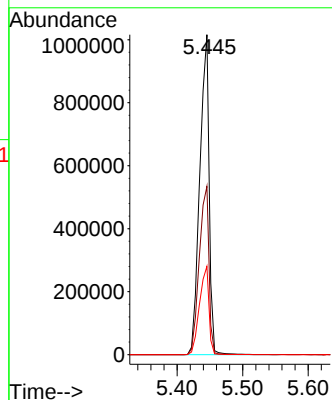
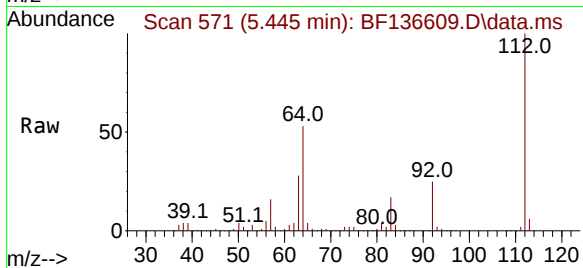




#5
2-Fluorophenol
Concen: 111.669 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

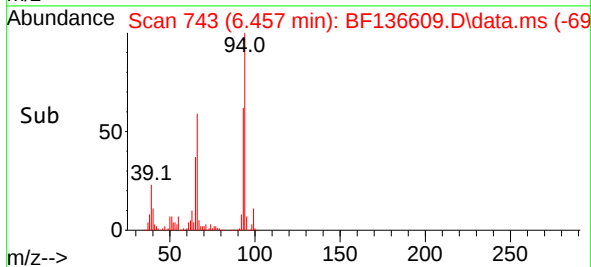
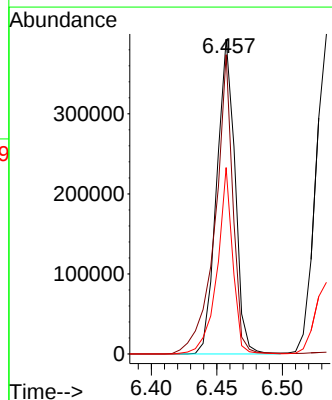
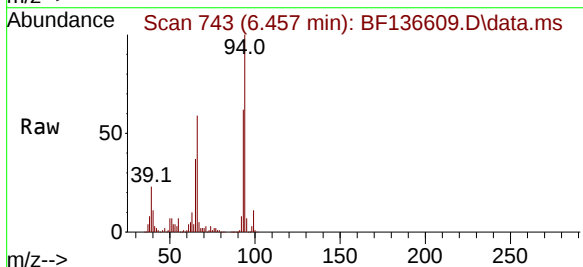
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1012691
Ion Ratio Lower Upper
112 100
64 52.6 46.5 69.7
63 27.6 23.9 35.9



#6
Aniline
Concen: 33.223 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion: 93 Resp: 379898
Ion Ratio Lower Upper
93 100
66 95.1 32.5 48.7#
65 59.2 16.4 24.6#



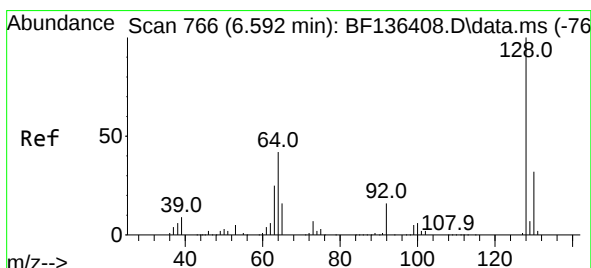
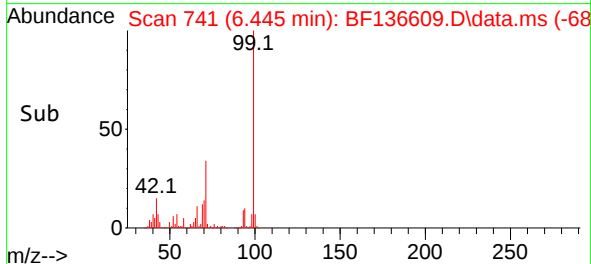
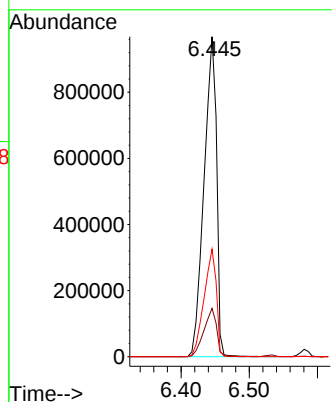
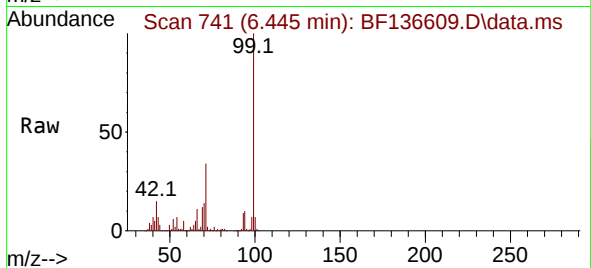


#7
Phenol-d6
Concen: 109.240 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1236013

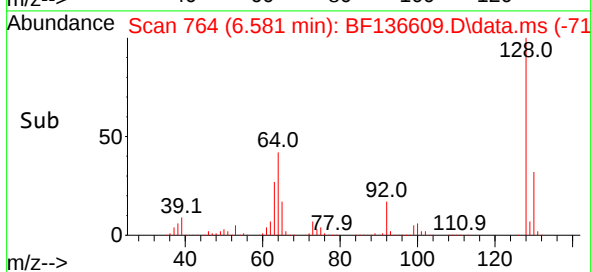
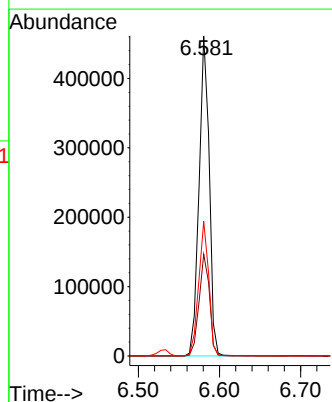
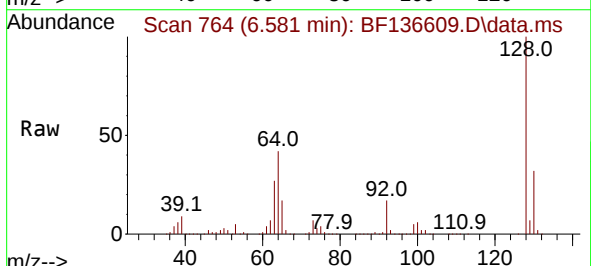
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.8	19.2
71	33.6	27.0	40.4

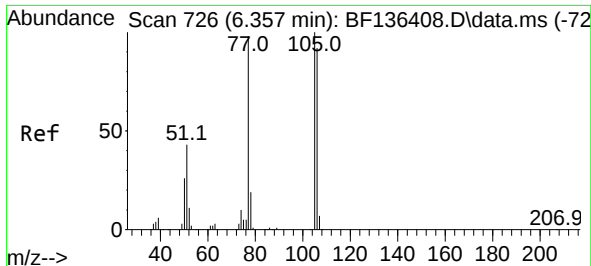


#8
2-Chlorophenol
Concen: 40.848 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion: 128 Resp: 404409

Ion	Ratio	Lower	Upper
128	100		
130	31.8	11.7	51.7
64	42.1	22.5	62.5





#9

Benzaldehyde

Concen: 21.713 ng

RT: 6.345 min Scan# 714

Delta R.T. -0.000 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

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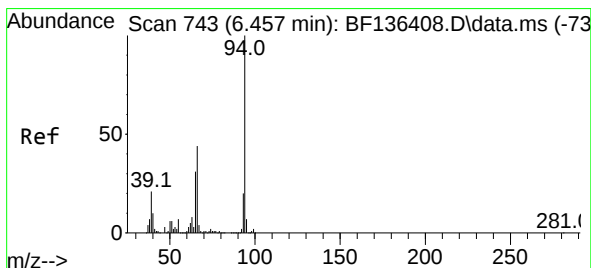
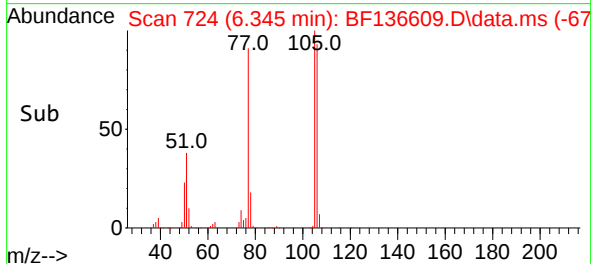
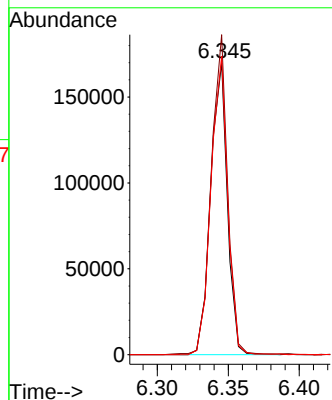
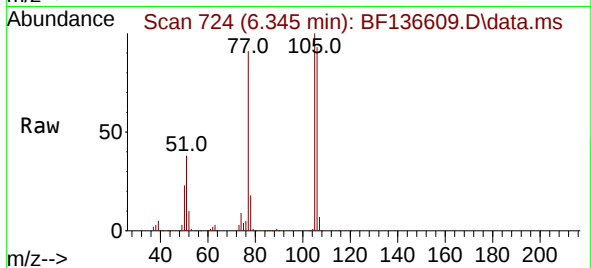
Tgt Ion: 77 Resp: 139126

Ion Ratio Lower Upper

77 100

105 109.7 82.5 122.5

106 102.3 74.5 114.5



#10

Phenol

Concen: 37.623 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.012 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

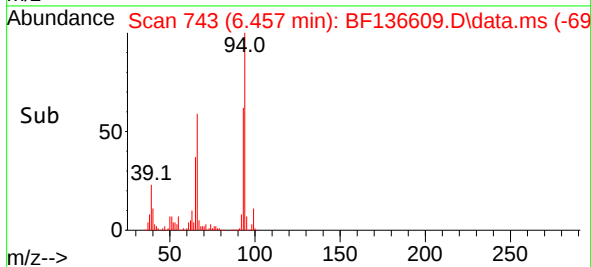
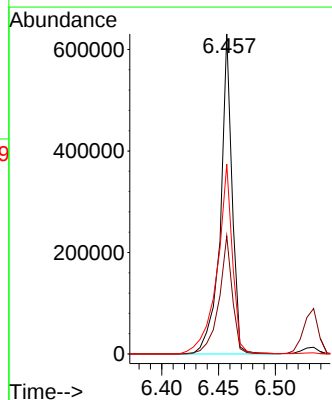
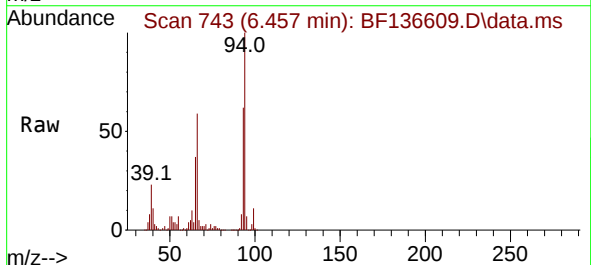
Tgt Ion: 94 Resp: 452978

Ion Ratio Lower Upper

94 100

65 36.9 11.2 51.2

66 59.3 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 39.453 ng

RT: 6.534 min Scan# 710

Delta R.T. -0.000 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

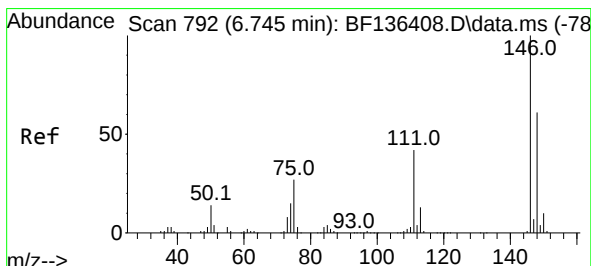
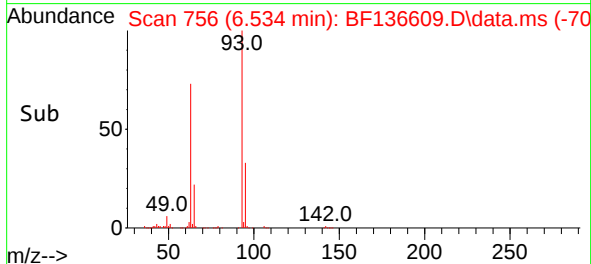
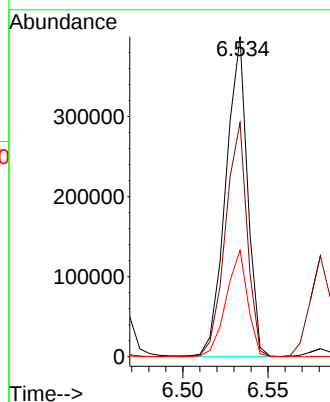
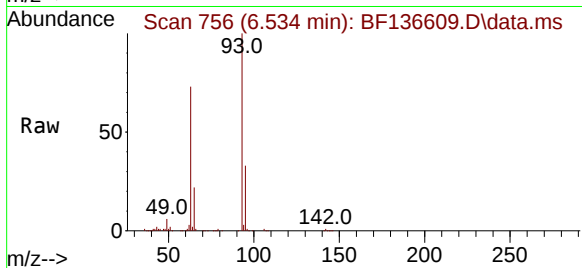
Tgt Ion: 93 Resp: 354057

Ion Ratio Lower Upper

93 100

63 73.2 56.8 96.8

95 33.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.127 ng

RT: 6.734 min Scan# 790

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

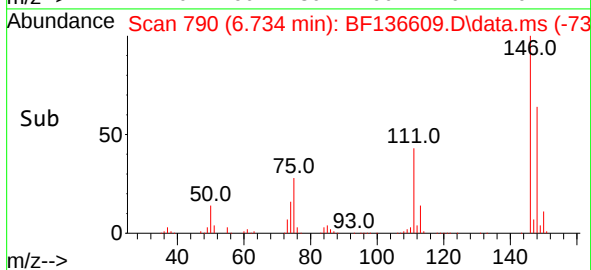
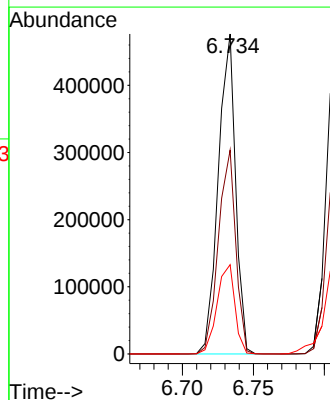
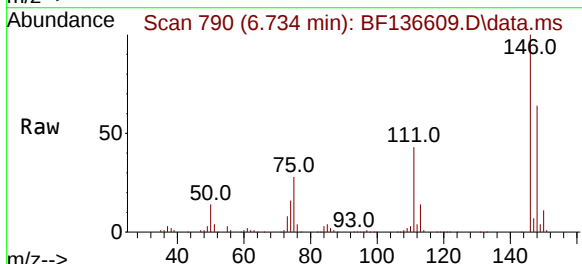
Tgt Ion: 146 Resp: 402237

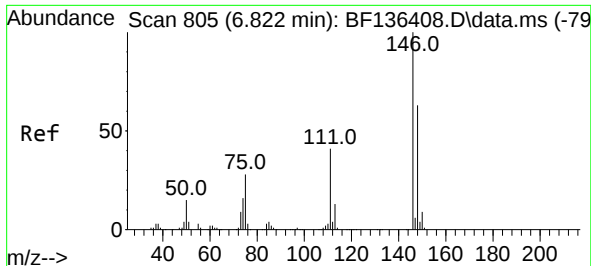
Ion Ratio Lower Upper

146 100

148 63.7 49.0 73.6

75 27.9 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 37.020 ng

RT: 6.810 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

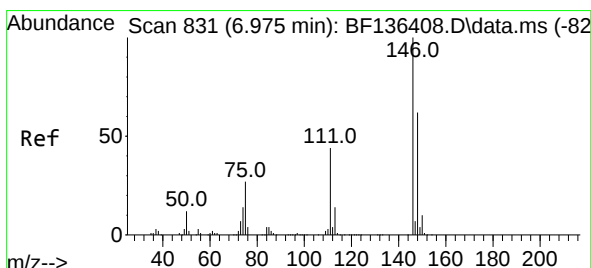
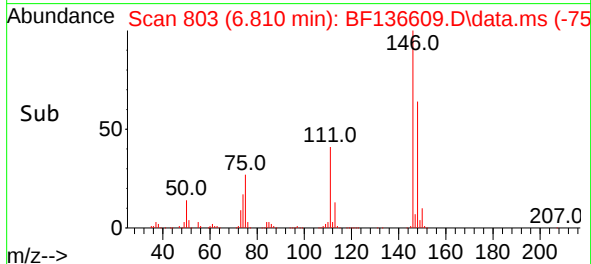
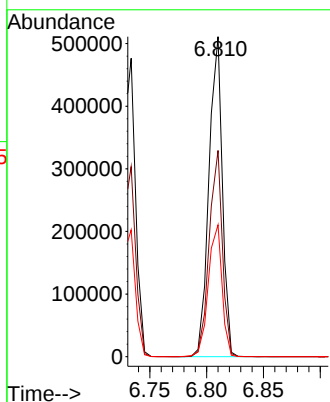
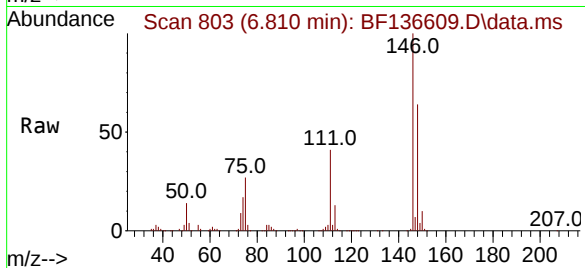
Tgt Ion:146 Resp: 418122

Ion Ratio Lower Upper

146 100

148 64.5 50.3 75.5

111 41.2 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 37.493 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

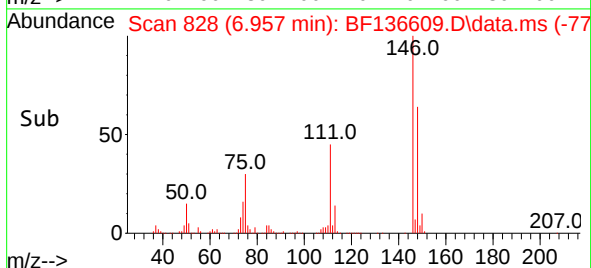
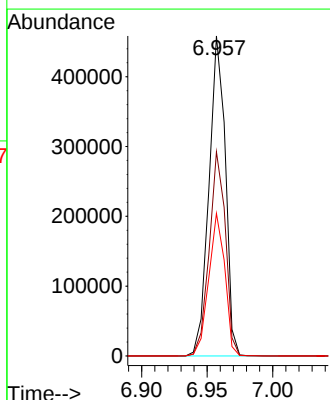
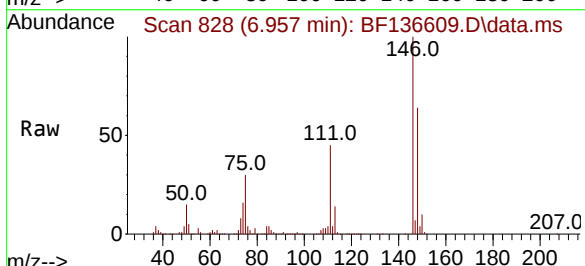
Tgt Ion:146 Resp: 398209

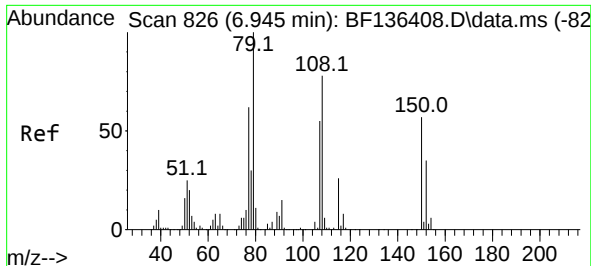
Ion Ratio Lower Upper

146 100

148 63.8 49.8 74.6

111 44.6 34.9 52.3

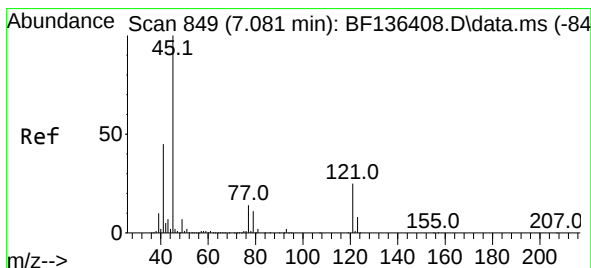
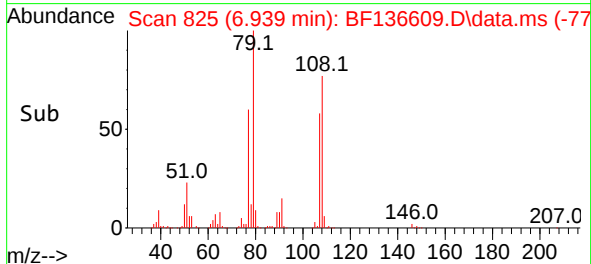
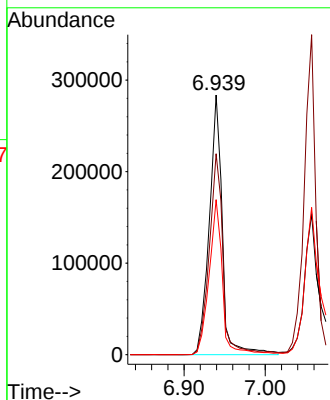
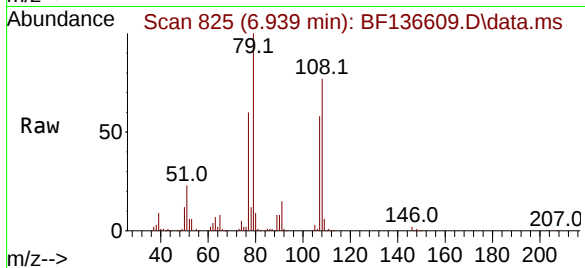




#15
Benzyl Alcohol
Concen: 41.562 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

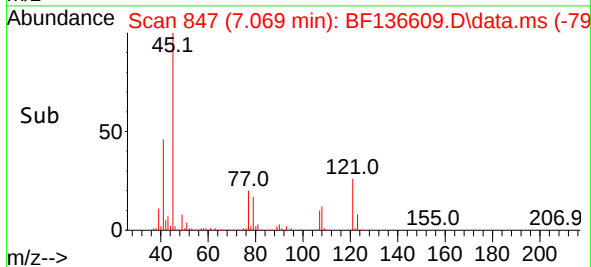
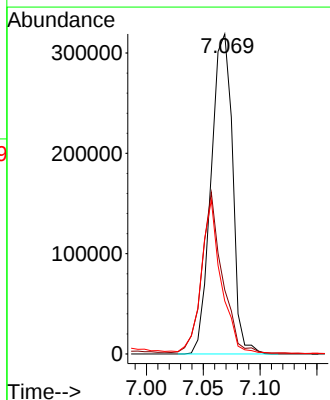
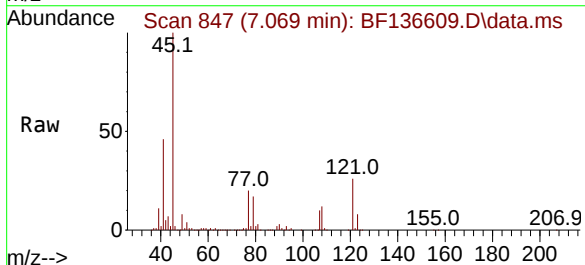
Instrument :
BNA_F
ClientSampleId :
PB157718BS

Tgt Ion: 79 Resp: 314900
Ion Ratio Lower Upper
79 100
108 77.4 62.3 93.5
77 59.7 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.190 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion: 45 Resp: 417714
Ion Ratio Lower Upper
45 100
77 20.0 0.0 35.3
79 16.5 0.0 32.5

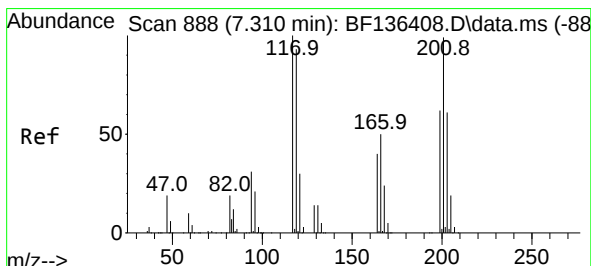
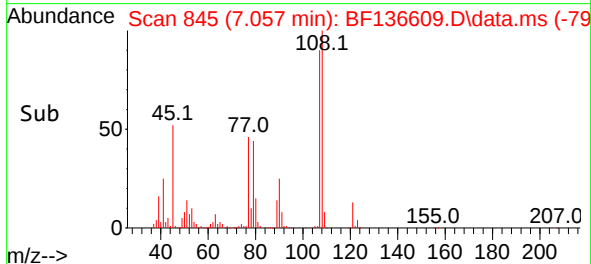
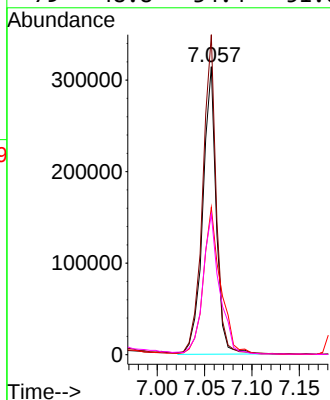
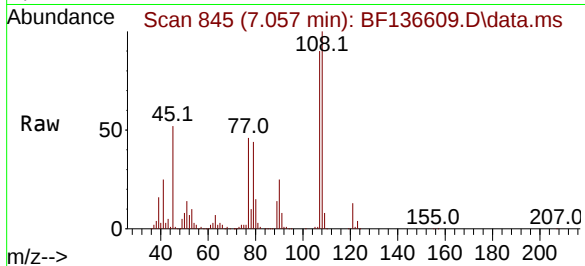




#17
2-Methylphenol
Concen: 38.916 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.012 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

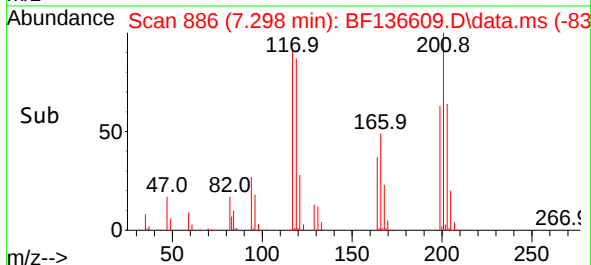
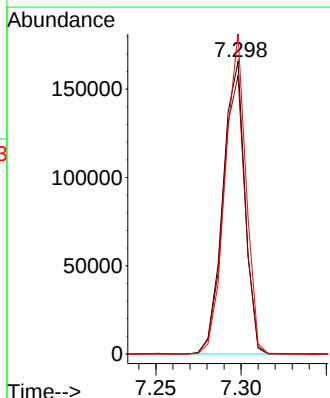
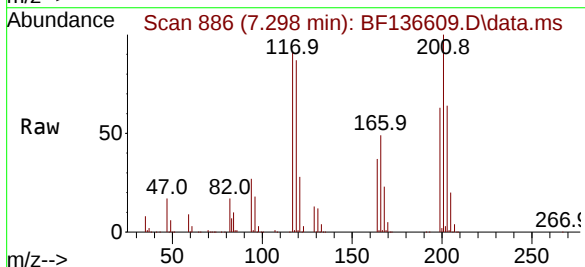
Instrument :
BNA_F
ClientSampleId :
PB157718BS

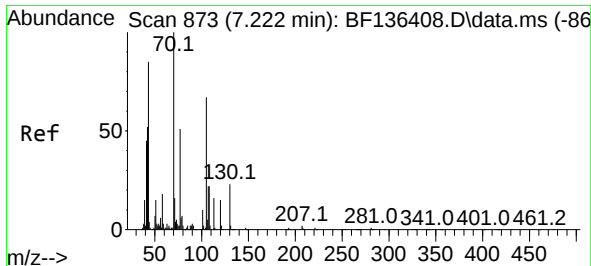
Tgt Ion:	107	Resp:	311268
Ion	Ratio	Lower	Upper
107	100		
108	111.1	86.5	129.7
77	51.1	33.8	50.8
79	48.8	34.4	51.6



#18
Hexachloroethane
Concen: 37.708 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:	117	Resp:	148692
Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.3	111.5
201	109.4	79.3	118.9

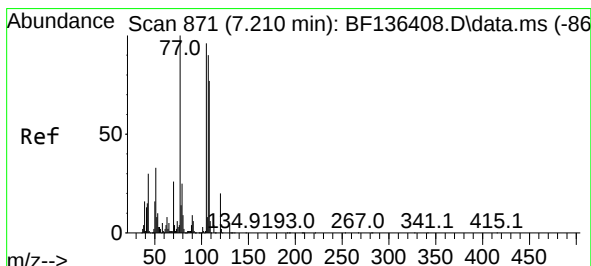
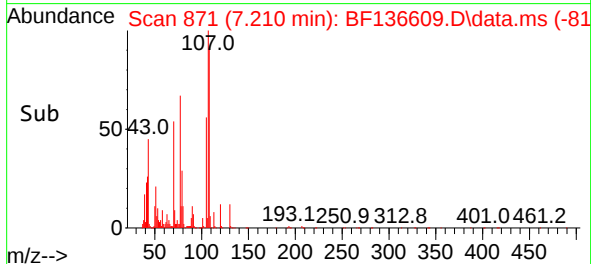
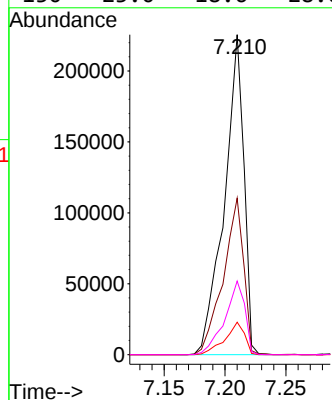
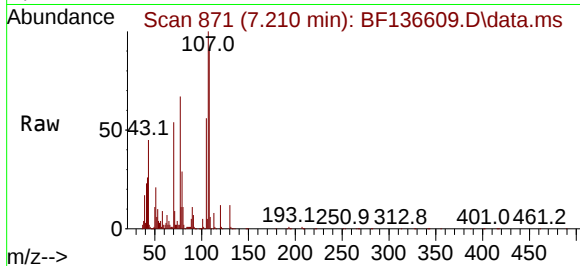




#19
n-Nitroso-di-n-propylamine
Concen: 38.582 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

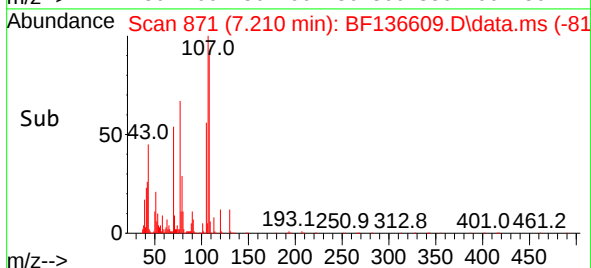
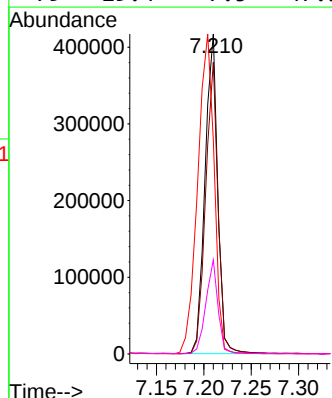
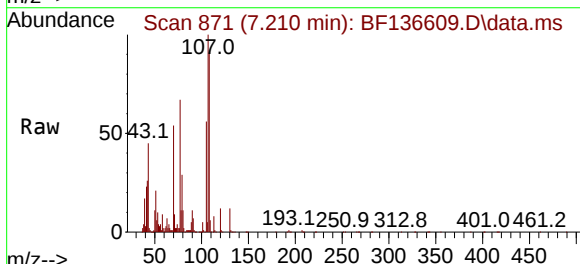
Instrument :
BNA_F
ClientSampleId :
PB157718BS

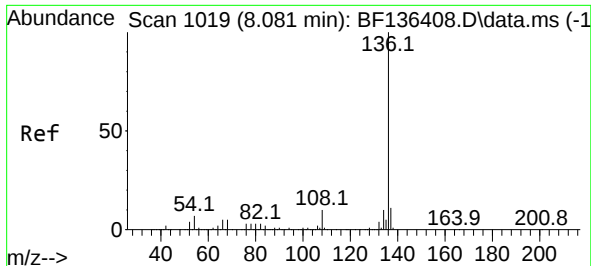
Tgt Ion: 70 Resp: 251818
Ion Ratio Lower Upper
70 100
42 48.9 41.4 62.0
101 10.1 8.2 12.4
130 23.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 39.150 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

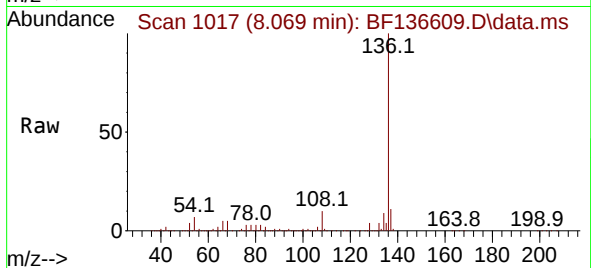
Tgt Ion: 107 Resp: 388677
Ion Ratio Lower Upper
107 100
108 91.1 65.9 105.9
77 66.9 91.7 131.7#
79 29.4 7.5 47.5





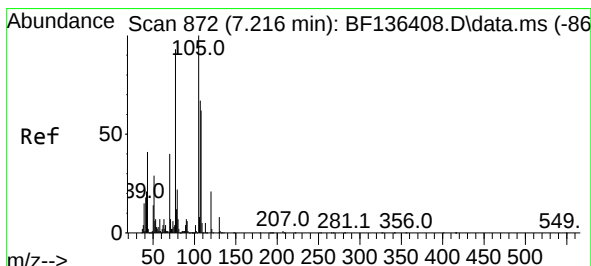
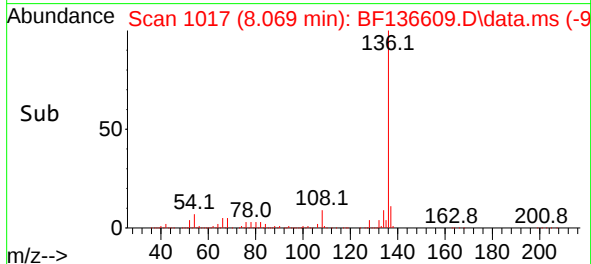
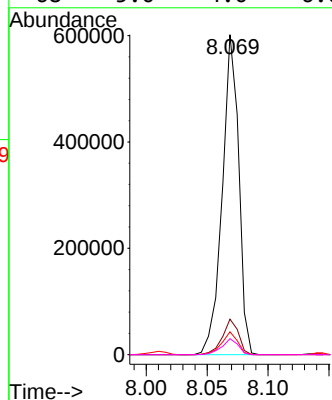
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Instrument :
BNA_F
ClientSampleId :
PB157718BS



Tgt Ion:136 Resp: 567504

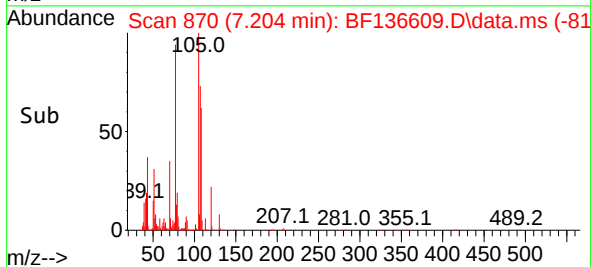
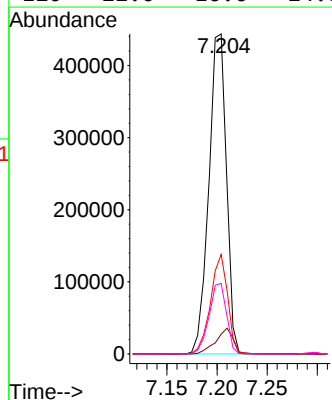
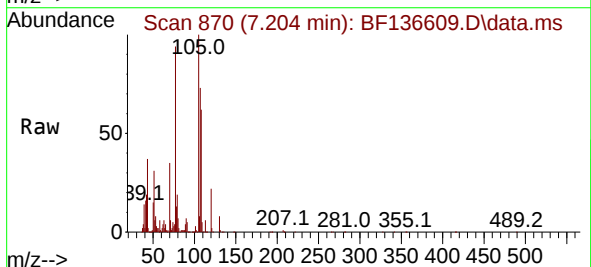
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.2	5.7	8.5
68	5.0	4.0	6.0

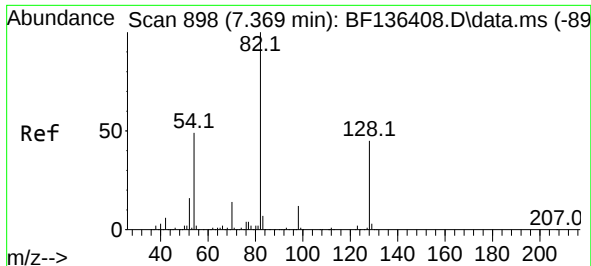


#22
Acetophenone
Concen: 38.773 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:105 Resp: 543355

Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.4	8.0
51	31.1	23.4	35.2
120	22.0	16.6	24.8





#23

Nitrobenzene-d5

Concen: 72.498 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

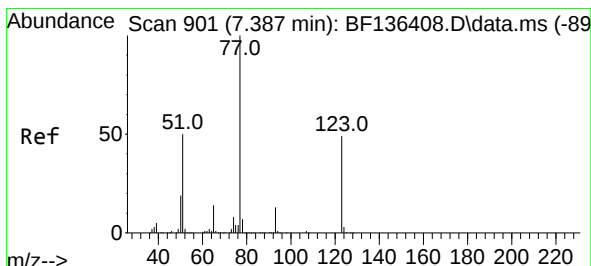
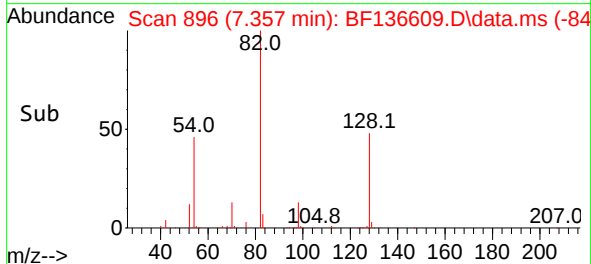
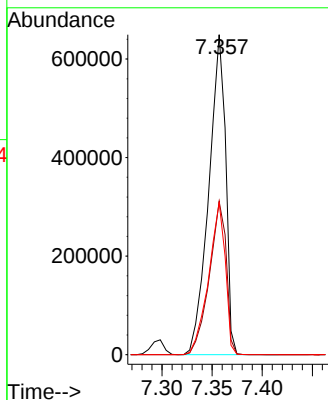
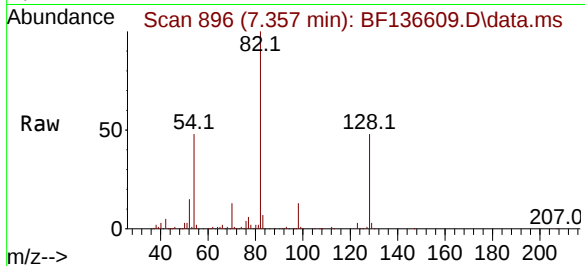
Tgt Ion: 82 Resp: 761055

Ion Ratio Lower Upper

82 100

128 47.9 36.3 54.5

54 47.6 39.0 58.6



#24

Nitrobenzene

Concen: 36.191 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

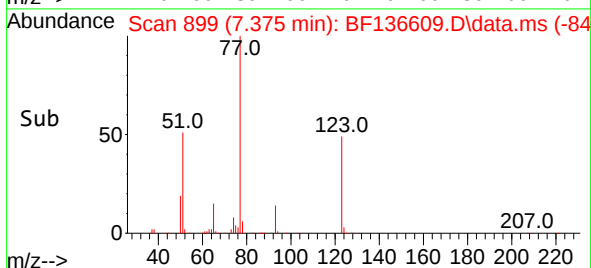
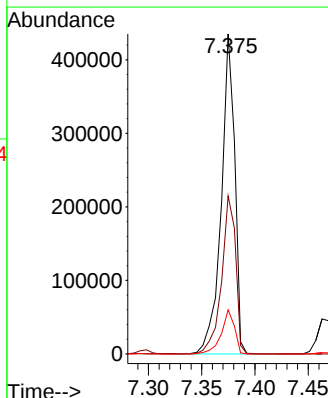
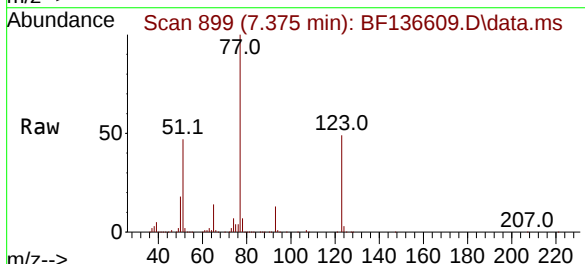
Tgt Ion: 77 Resp: 382192

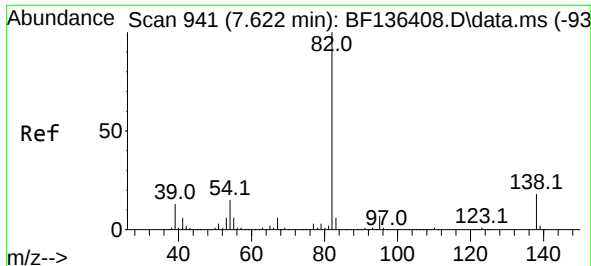
Ion Ratio Lower Upper

77 100

123 49.4 39.0 58.6

65 13.8 11.3 16.9

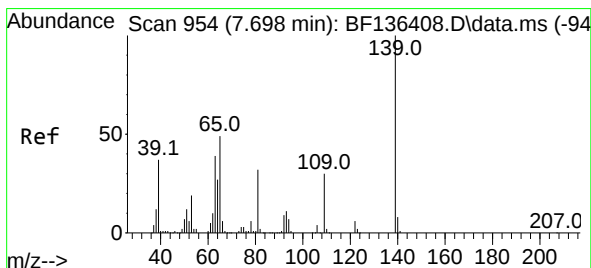
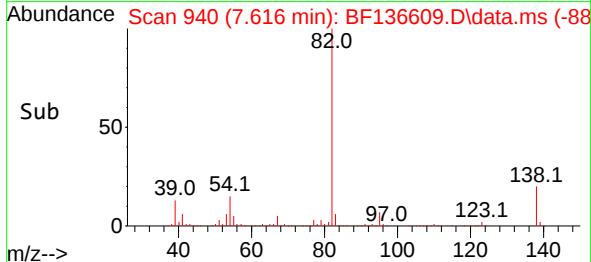
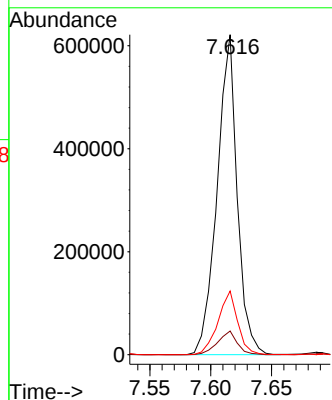
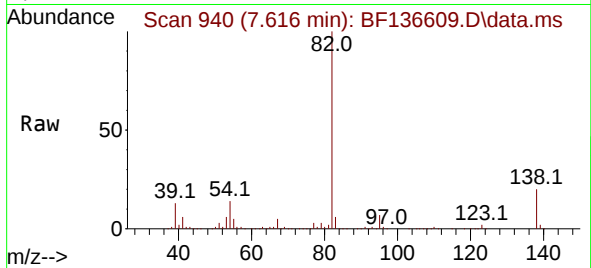




#25
Isophorone
Concen: 37.893 ng
RT: 7.616 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

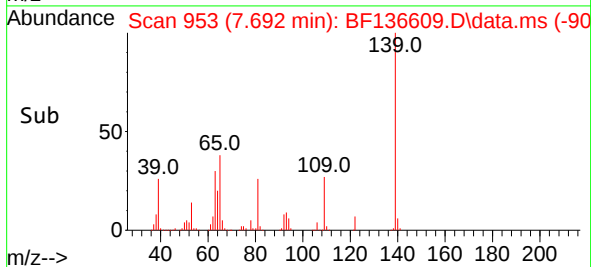
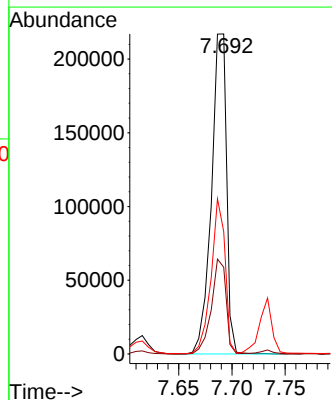
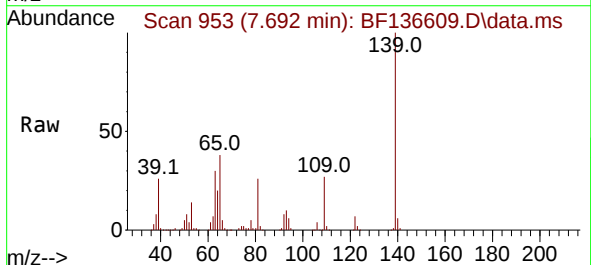
Instrument :
BNA_F
ClientSampleId :
PB157718BS

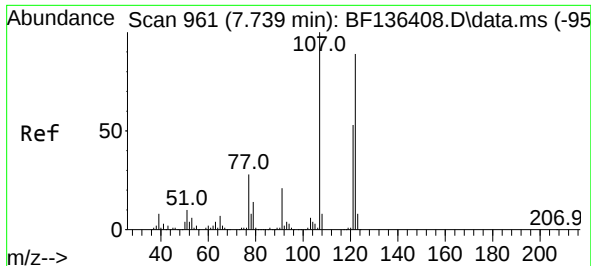
Tgt Ion: 82 Resp: 714654
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 19.9 14.5 21.7



#26
2-Nitrophenol
Concen: 41.695 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion: 139 Resp: 216468
Ion Ratio Lower Upper
139 100
109 27.1 23.6 35.4
65 38.3 39.4 59.2#





#27

2,4-Dimethylphenol

Concen: 54.186 ng

RT: 7.733 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

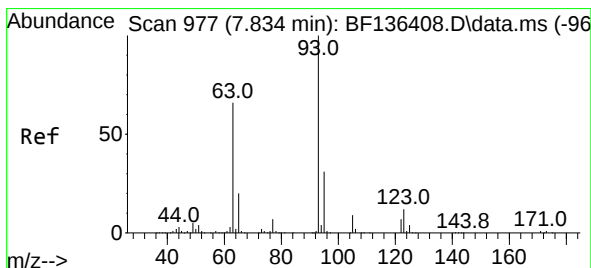
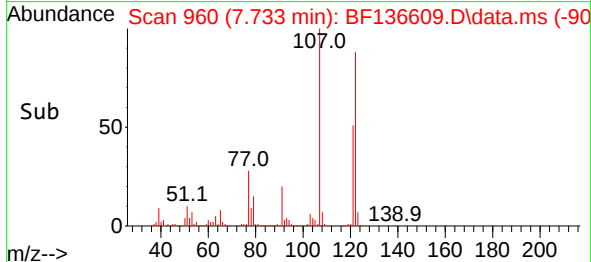
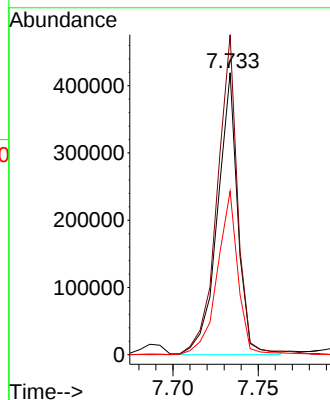
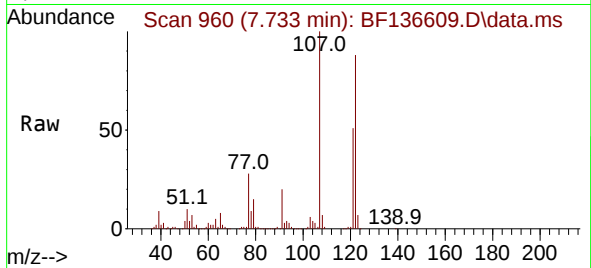
Tgt Ion:122 Resp: 346878

Ion Ratio Lower Upper

122 100

107 113.5 89.3 133.9

121 58.0 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.641 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.000 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

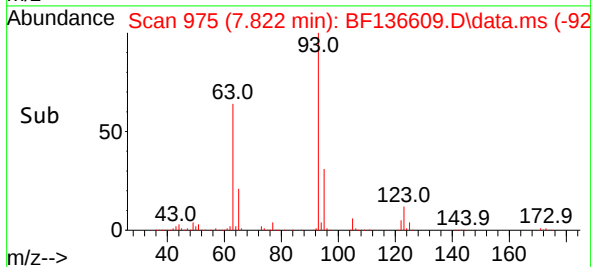
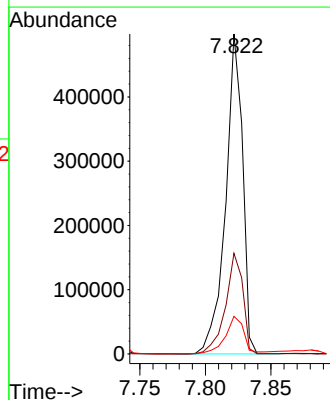
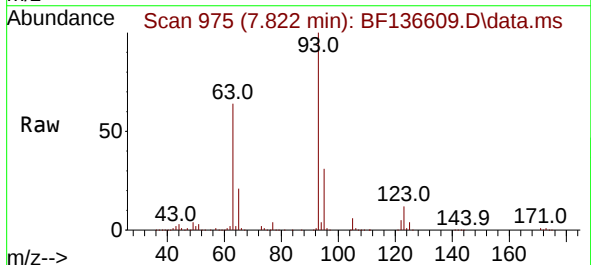
Tgt Ion: 93 Resp: 447820

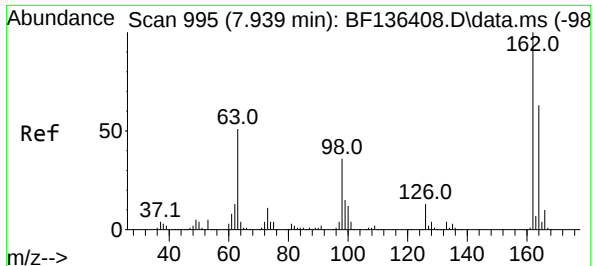
Ion Ratio Lower Upper

93 100

95 31.5 25.0 37.4

123 11.7 9.4 14.0

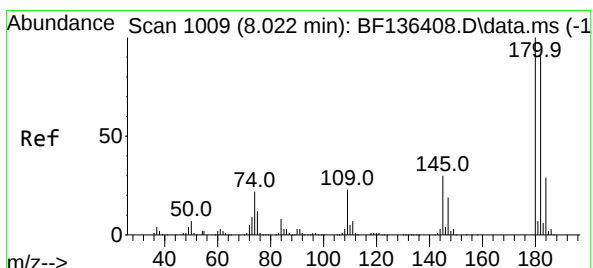
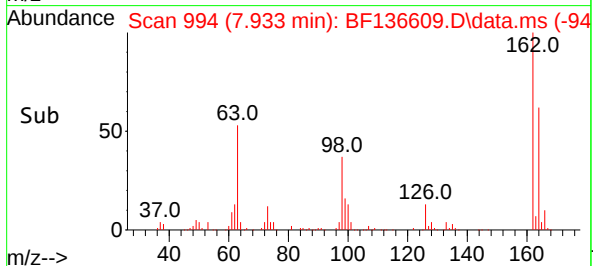
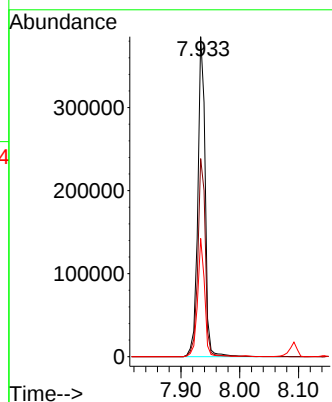
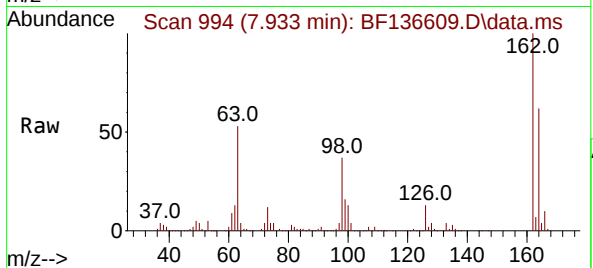




#29
2,4-Dichlorophenol
Concen: 39.693 ng
RT: 7.933 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

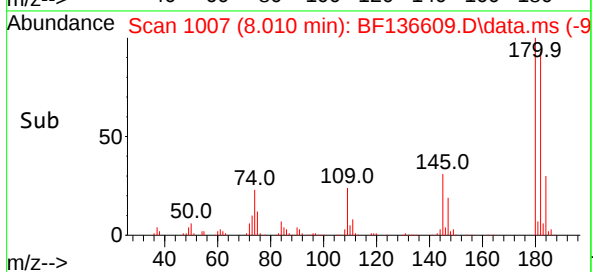
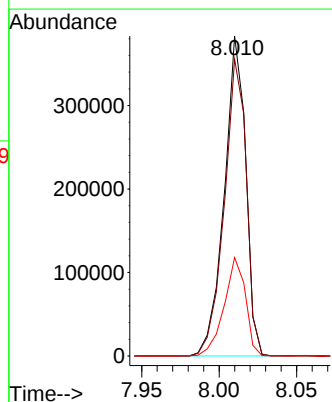
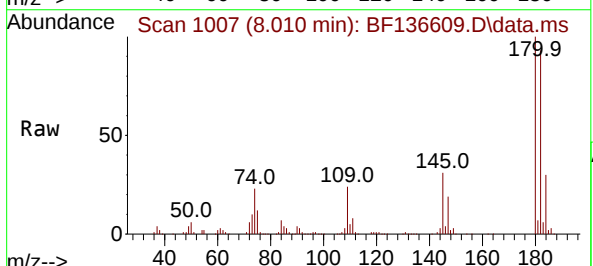
Instrument :
BNA_F
ClientSampleId :
PB157718BS

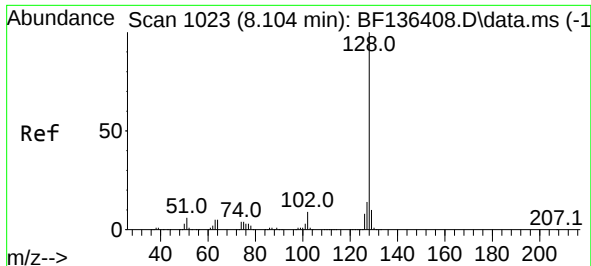
Tgt Ion:162 Resp: 335398
Ion Ratio Lower Upper
162 100
164 61.9 43.0 83.0
98 36.9 16.2 56.2



#30
1,2,4-Trichlorobenzene
Concen: 37.433 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:180 Resp: 368822
Ion Ratio Lower Upper
180 100
182 92.8 73.1 109.7
145 30.7 23.8 35.8

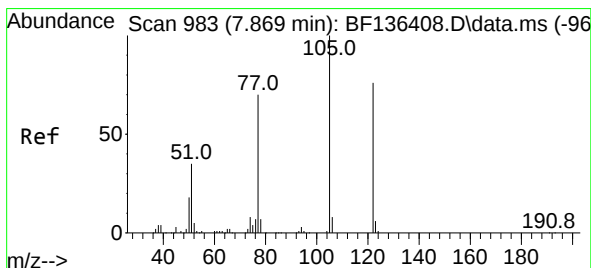
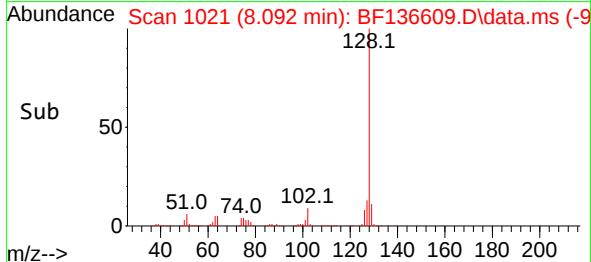
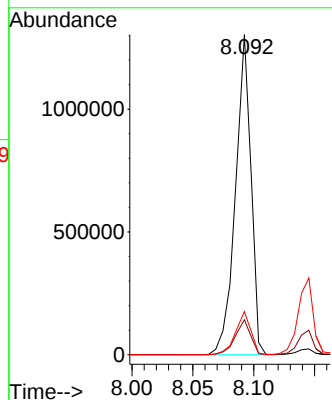
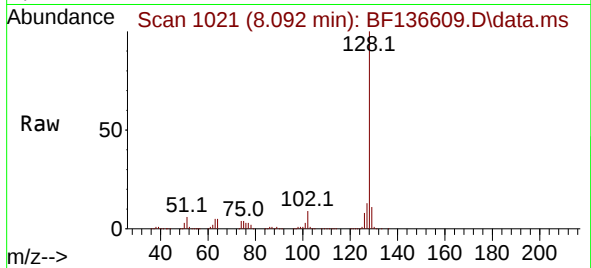




#31
Naphthalene
Concen: 36.715 ng
RT: 8.092 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

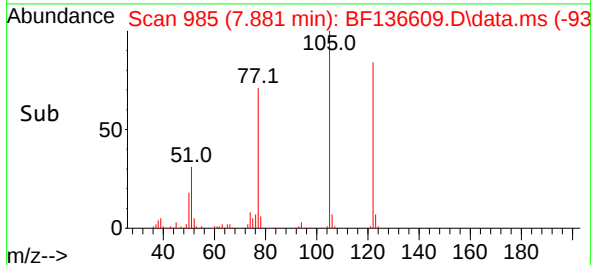
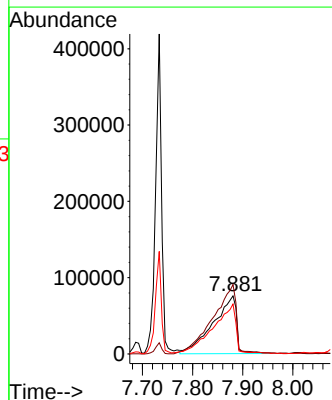
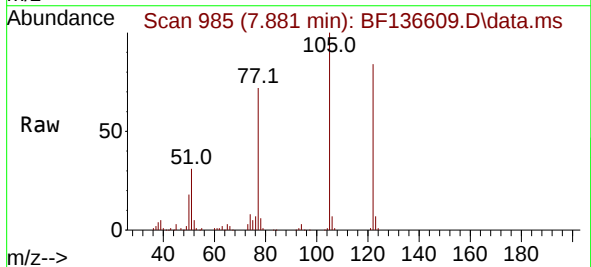
Instrument :
BNA_F
ClientSampleId :
PB157718BS

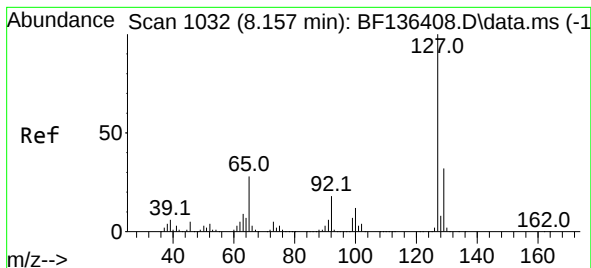
Tgt Ion:128 Resp: 1149027
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 38.891 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.023 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:122 Resp: 246978
Ion Ratio Lower Upper
122 100
105 119.5 104.7 144.7
77 85.8 68.5 108.5





#33

4-Chloroaniline

Concen: 24.988 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

Tgt Ion:127 Resp: 278796

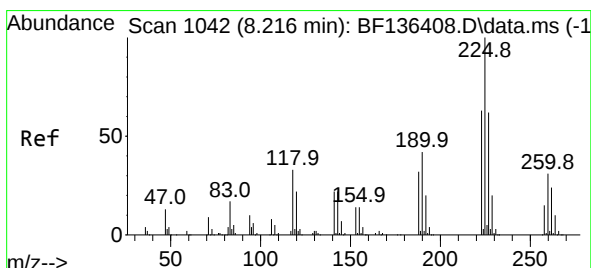
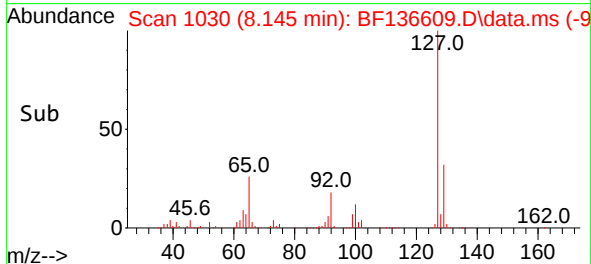
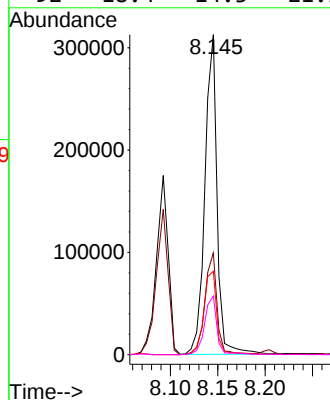
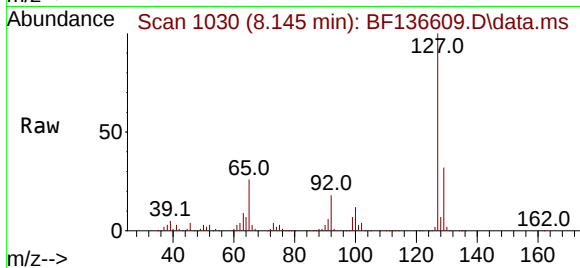
Ion Ratio Lower Upper

127 100

129 31.8 25.4 38.2

65 26.0 22.5 33.7

92 18.4 14.3 21.5



#34

Hexachlorobutadiene

Concen: 36.507 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

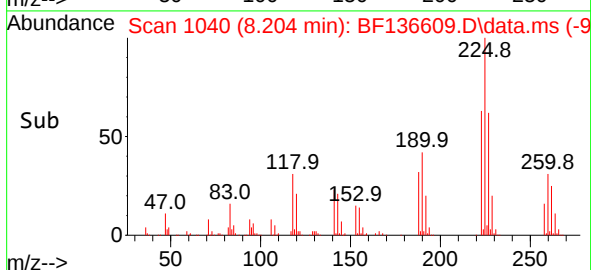
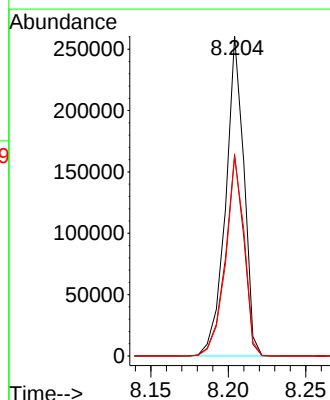
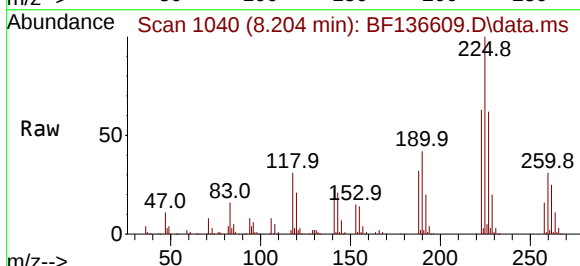
Tgt Ion:225 Resp: 213173

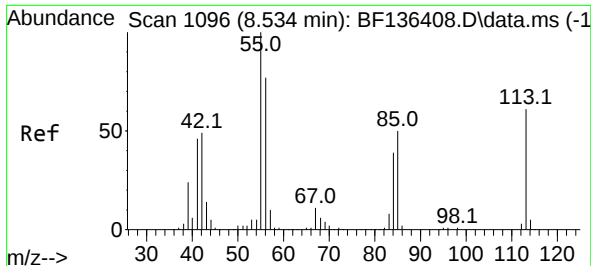
Ion Ratio Lower Upper

225 100

223 63.0 50.8 76.2

227 62.3 49.8 74.8

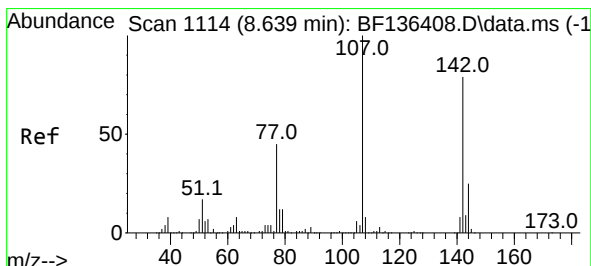
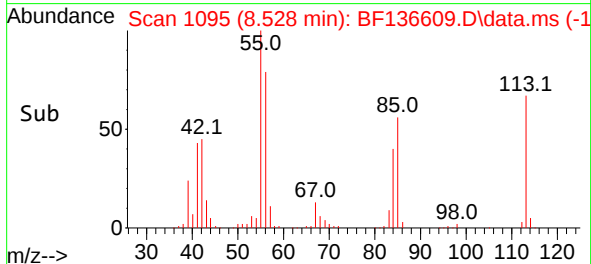
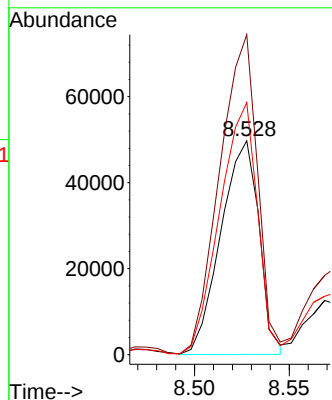
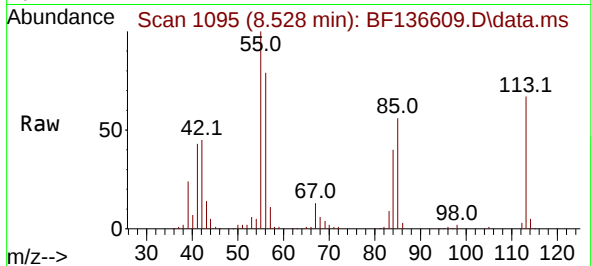




#35
 Caprolactam
 Concen: 26.693 ng
 RT: 8.528 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF136609.D
 Acq: 18 Dec 2023 12:18

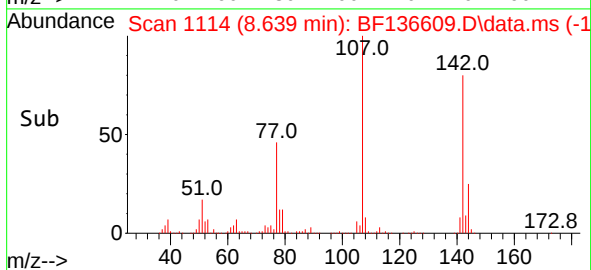
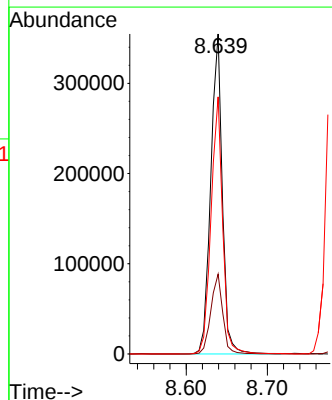
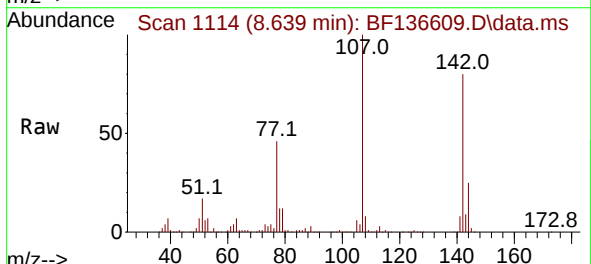
Instrument :
 BNA_F
 ClientSampleId :
 PB157718BS

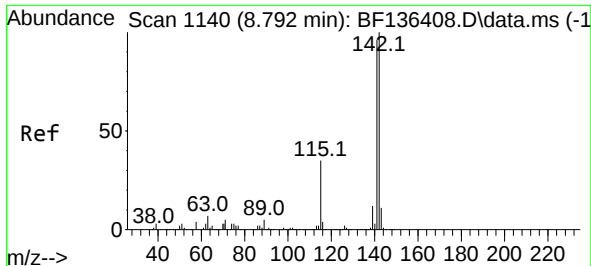
Tgt Ion:113 Resp: 69458
 Ion Ratio Lower Upper
 113 100
 55 149.6 143.7 183.7
 56 117.9 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.139 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.012 min
 Lab File: BF136609.D
 Acq: 18 Dec 2023 12:18

Tgt Ion:107 Resp: 351147
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.1 30.1
 142 80.4 63.1 94.7





#37

2-Methylnaphthalene

Concen: 37.945 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

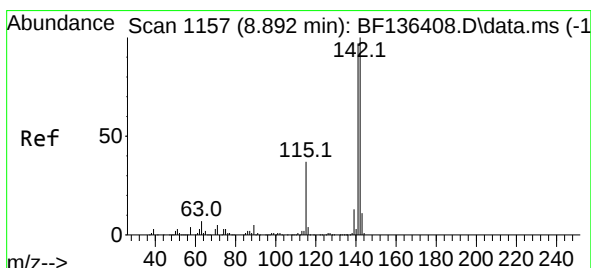
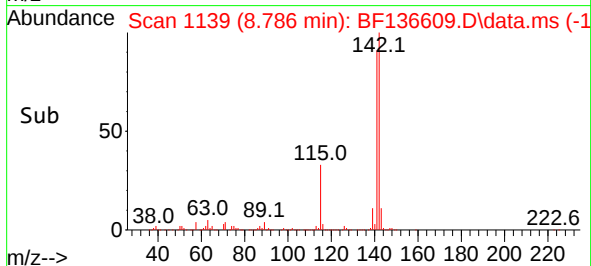
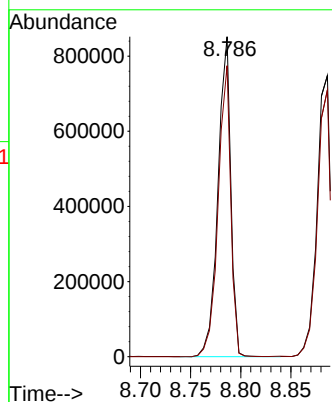
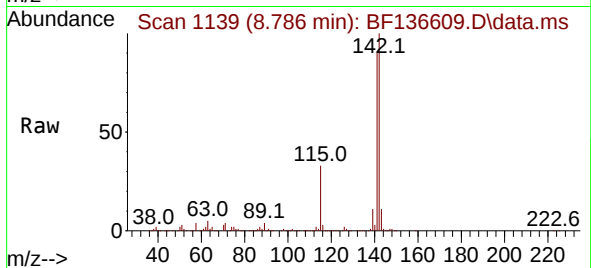
PB157718BS

Tgt Ion:142 Resp: 755484

Ion Ratio Lower Upper

142 100

141 90.9 76.4 114.6



#38

1-Methylnaphthalene

Concen: 35.894 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BF136609.D

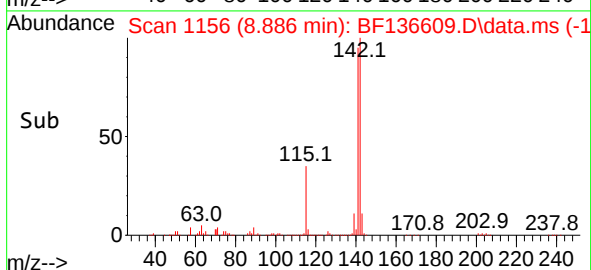
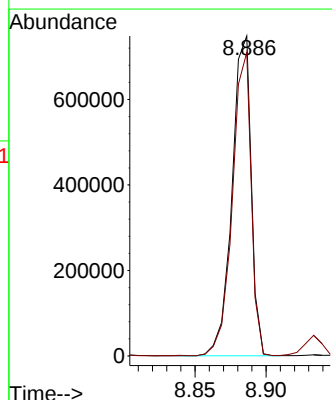
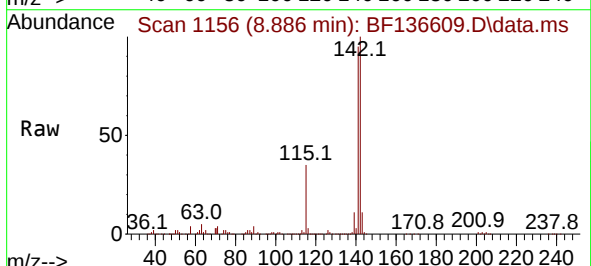
Acq: 18 Dec 2023 12:18

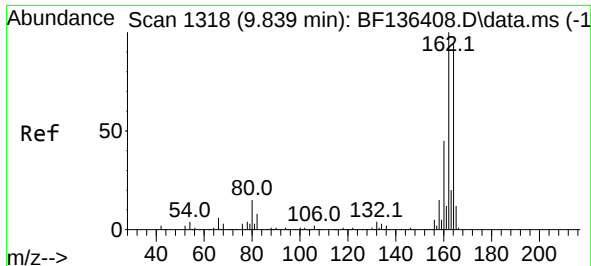
Tgt Ion:142 Resp: 701261

Ion Ratio Lower Upper

142 100

141 94.9 77.7 116.5

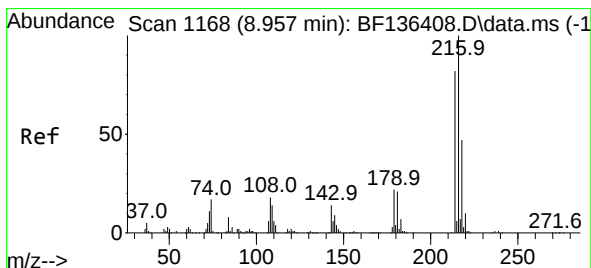
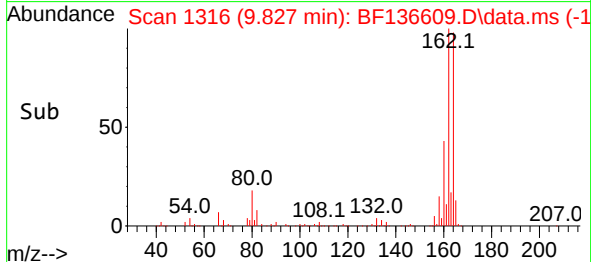
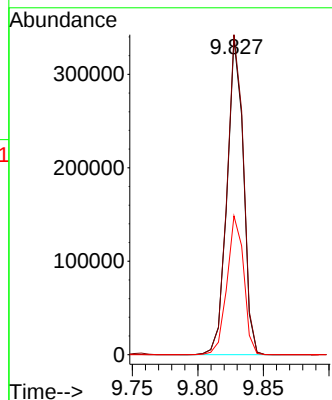
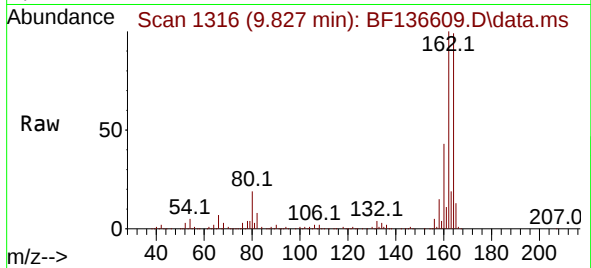




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

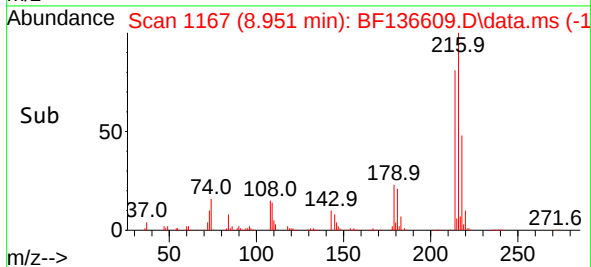
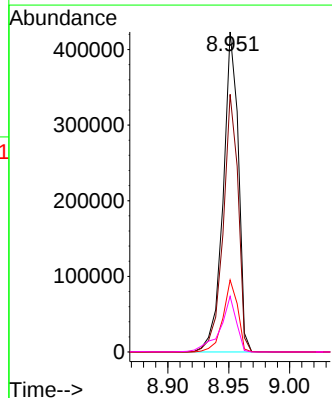
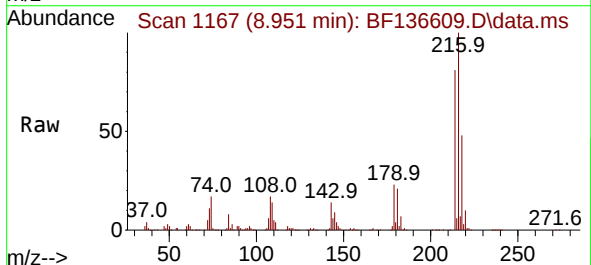
Instrument :
BNA_F
ClientSampleId :
PB157718BS

Tgt Ion:164 Resp: 292715
Ion Ratio Lower Upper
164 100
162 101.4 84.4 126.6
160 44.0 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.487 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:216 Resp: 368710
Ion Ratio Lower Upper
216 100
214 79.3 64.1 96.1
179 21.7 17.0 25.6
108 18.5 14.1 21.1

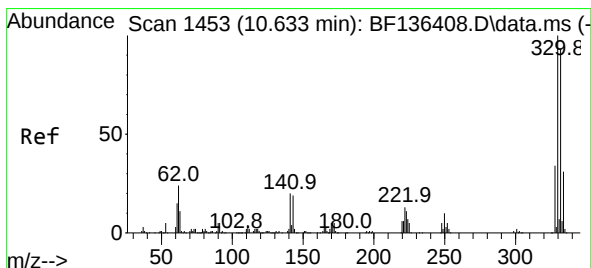
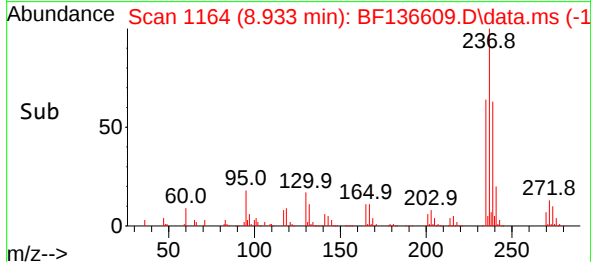
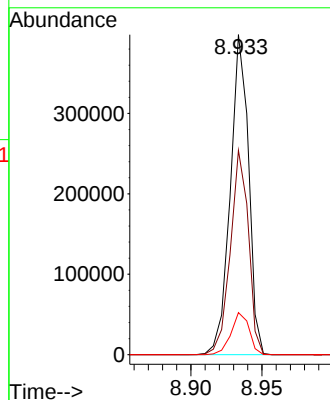
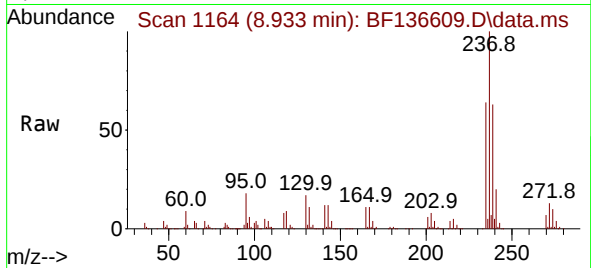




#41
Hexachlorocyclopentadiene
Concen: 105.240 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

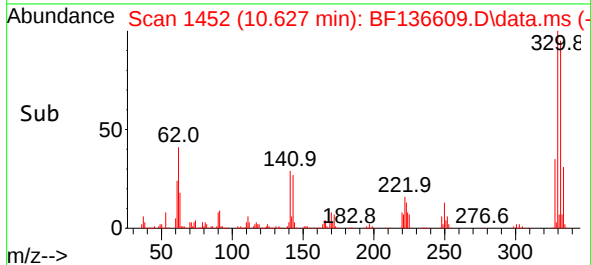
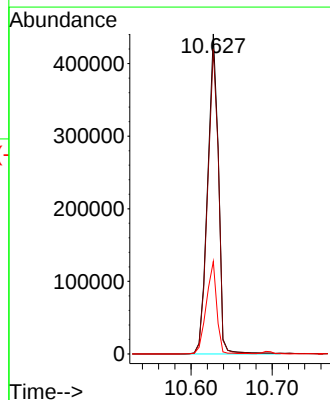
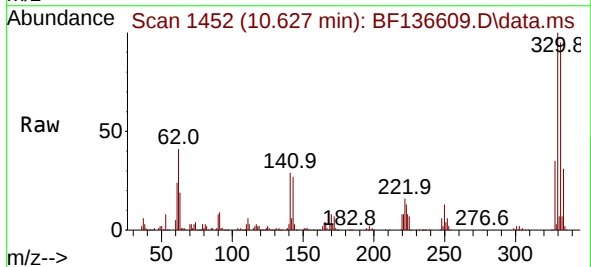
Instrument :
BNA_F
ClientSampleId :
PB157718BS

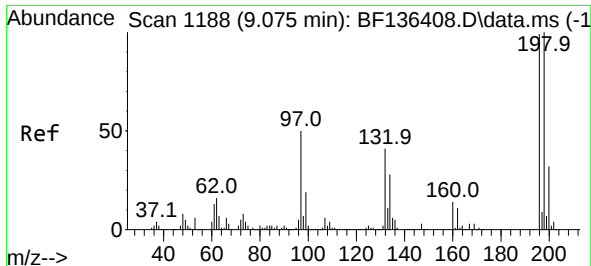
Tgt Ion:237 Resp: 355060
Ion Ratio Lower Upper
237 100
235 63.8 44.1 84.1
272 13.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 112.355 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:330 Resp: 405512
Ion Ratio Lower Upper
330 100
332 96.7 76.4 114.6
141 28.0 23.4 35.2

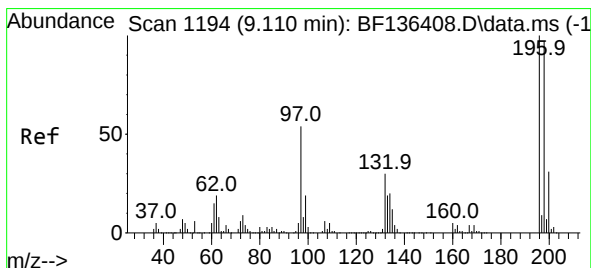
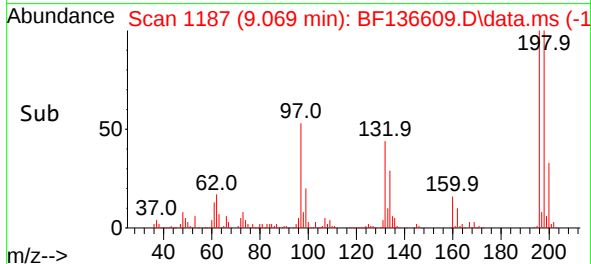
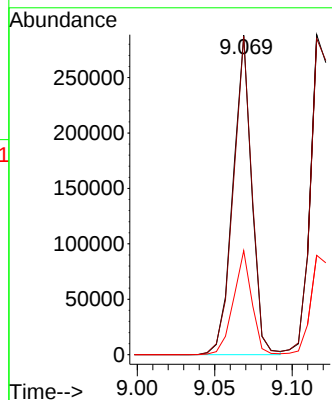
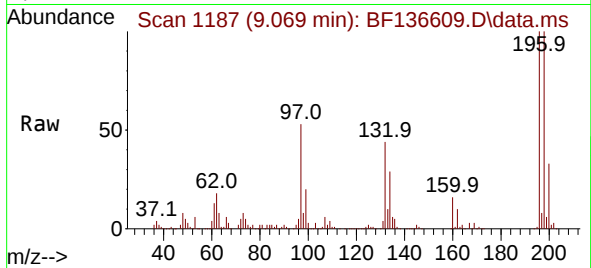




#43
2,4,6-Trichlorophenol
Concen: 40.680 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

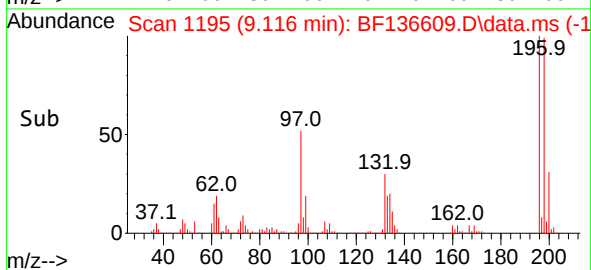
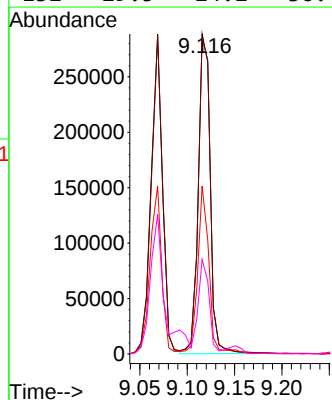
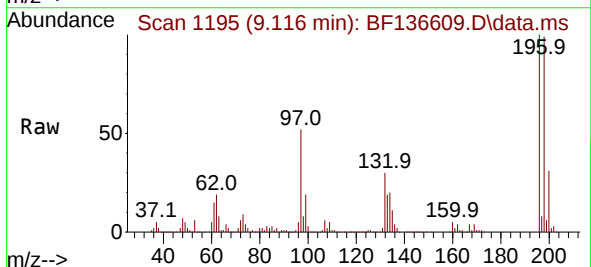
Instrument :
BNA_F
ClientSampleId :
PB157718BS

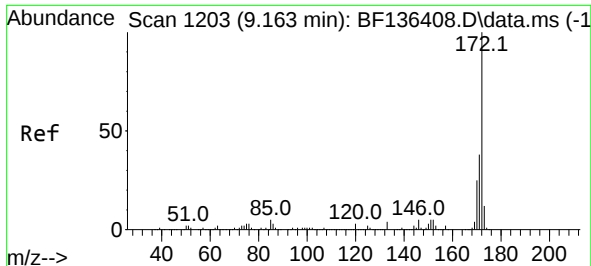
Tgt Ion:196 Resp: 241217
Ion Ratio Lower Upper
196 100
198 99.6 80.4 120.6
200 32.5 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 38.417 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.012 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:196 Resp: 254247
Ion Ratio Lower Upper
196 100
198 98.8 78.1 117.1
97 52.5 43.4 65.2
132 29.5 24.2 36.4

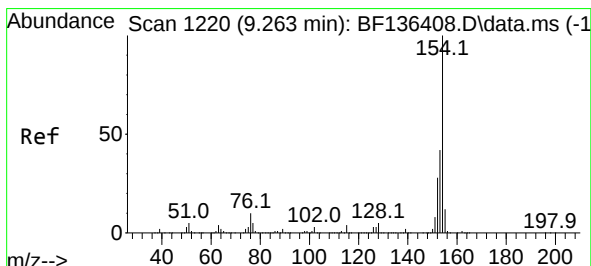
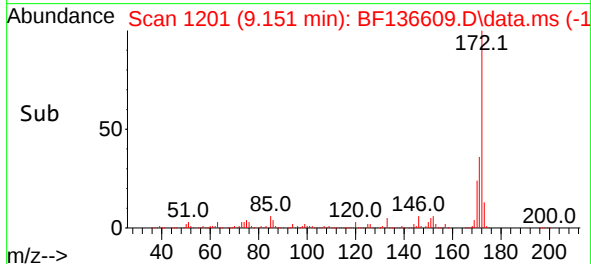
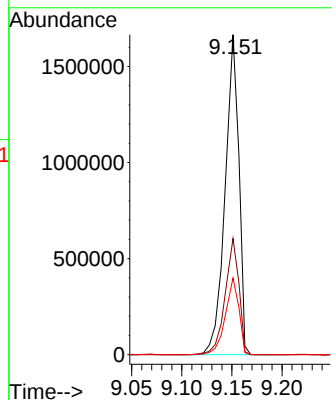
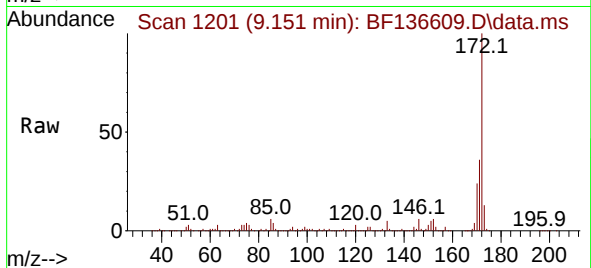




#45
2-Fluorobiphenyl
Concen: 73.849 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

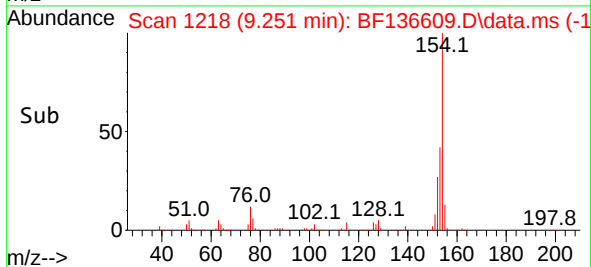
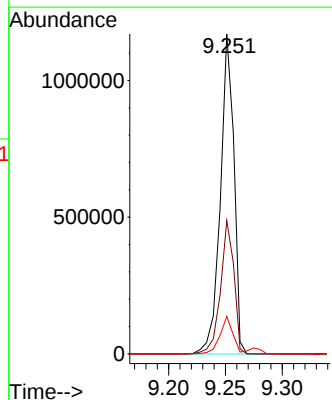
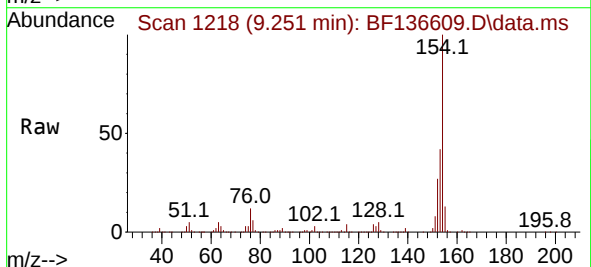
Instrument :
BNA_F
ClientSampleId :
PB157718BS

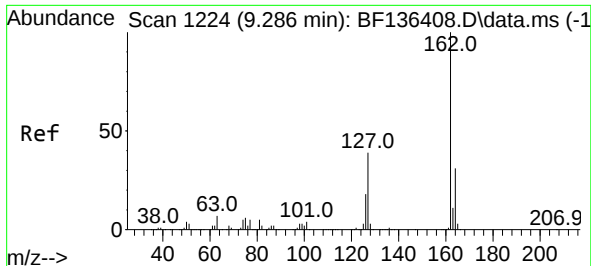
Tgt Ion:172 Resp: 1584222
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 24.0 19.9 29.9



#46
1,1'-Biphenyl
Concen: 39.059 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:154 Resp: 972848
Ion Ratio Lower Upper
154 100
153 41.6 22.5 62.5
76 11.7 0.0 29.9

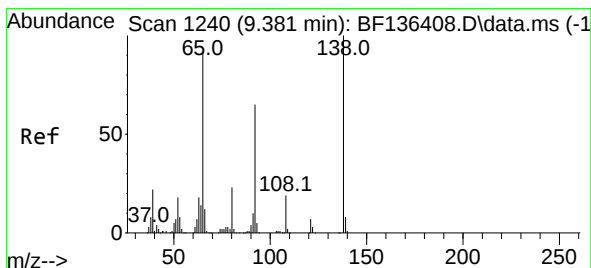
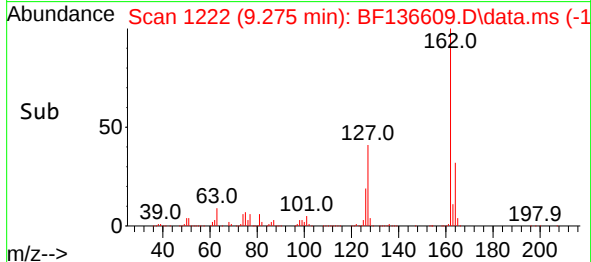
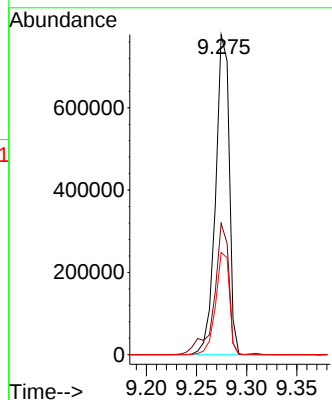
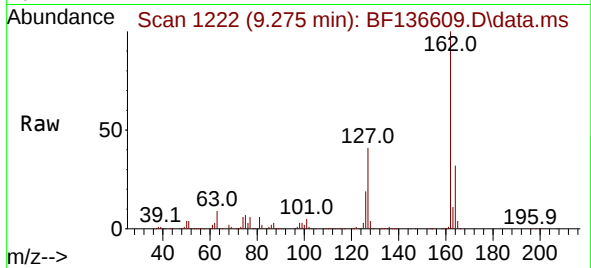




#47
2-Chloronaphthalene
Concen: 38.051 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

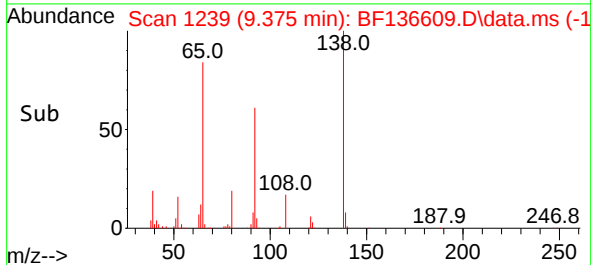
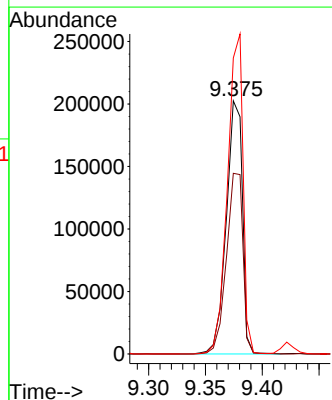
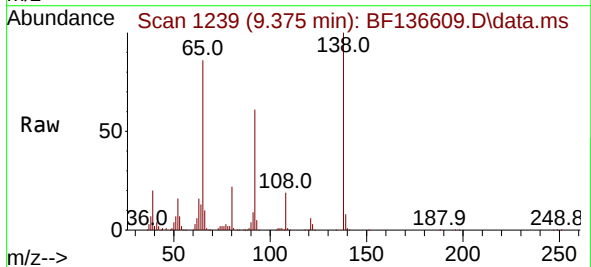
Instrument :
BNA_F
ClientSampleId :
PB157718BS

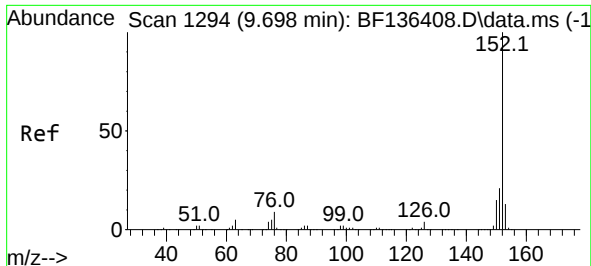
Tgt Ion:162 Resp: 737641
Ion Ratio Lower Upper
162 100
127 41.0 31.1 46.7
164 31.9 24.6 37.0



#48
2-Nitroaniline
Concen: 38.516 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion: 65 Resp: 200258
Ion Ratio Lower Upper
65 100
92 71.4 56.1 84.1
138 116.9 86.7 130.1

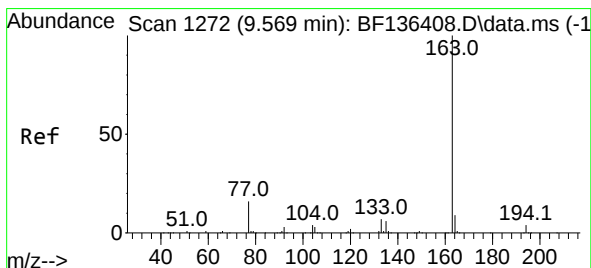
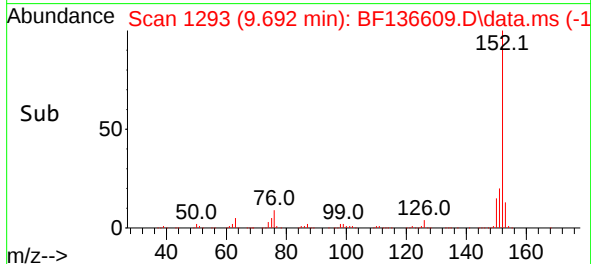
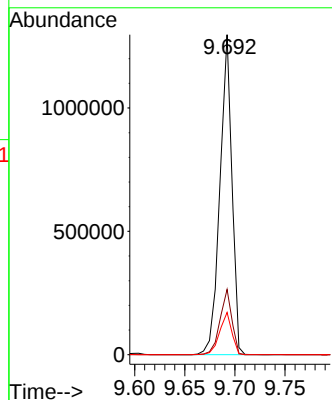
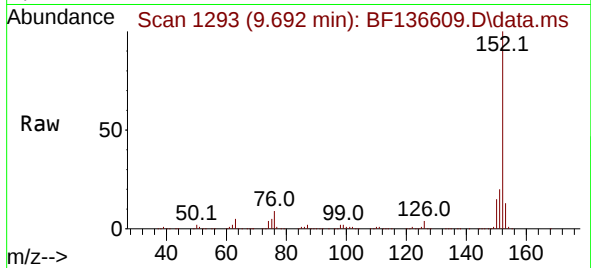




#49
Acenaphthylene
Concen: 39.141 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

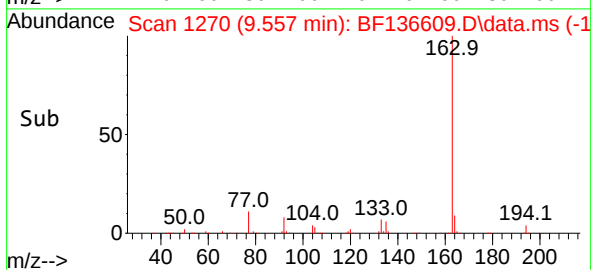
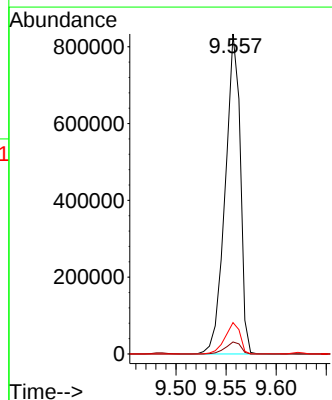
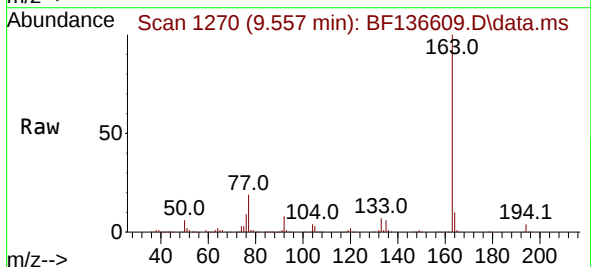
Instrument :
BNA_F
ClientSampleId :
PB157718BS

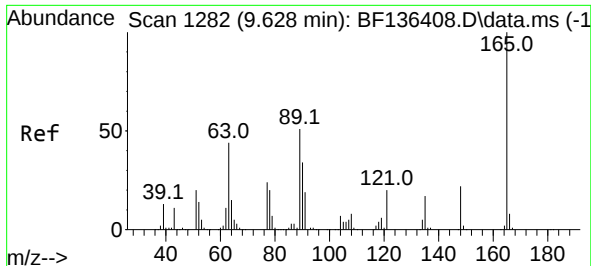
Tgt Ion:152 Resp: 1080892
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 40.306 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:163 Resp: 868629
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.8 7.4 11.2

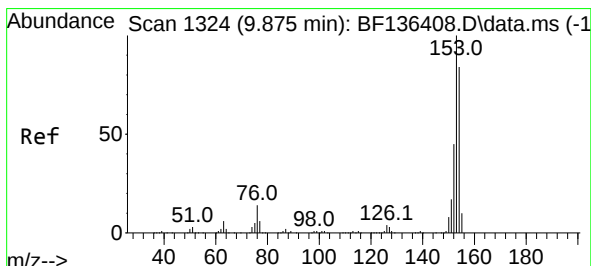
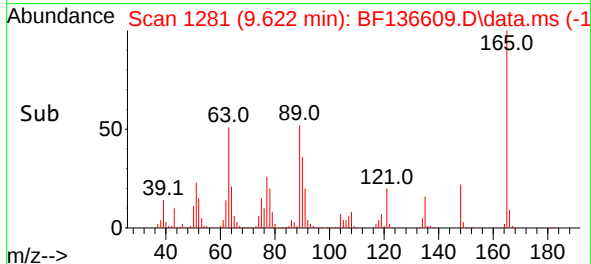
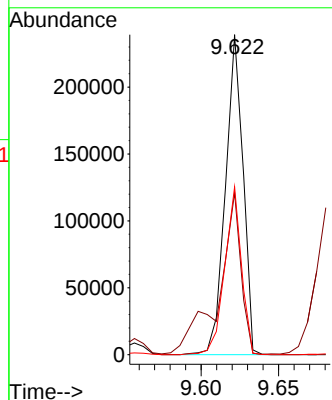
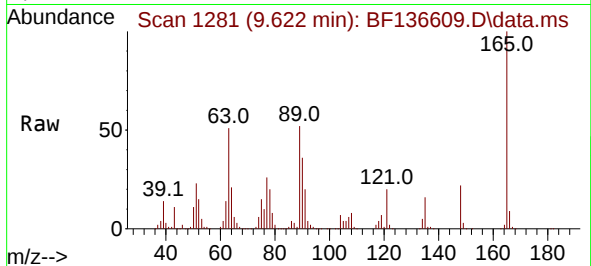




#51
2,6-Dinitrotoluene
Concen: 38.934 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

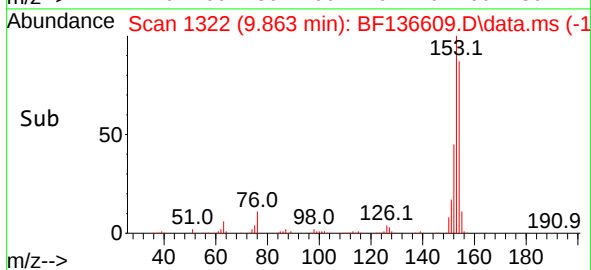
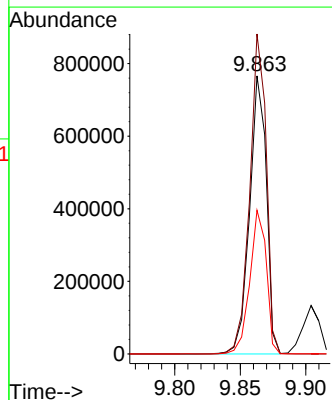
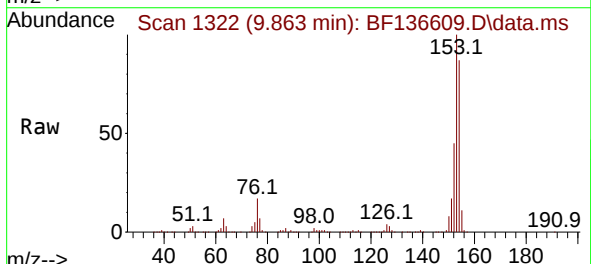
Instrument :
BNA_F
ClientSampleId :
PB157718BS

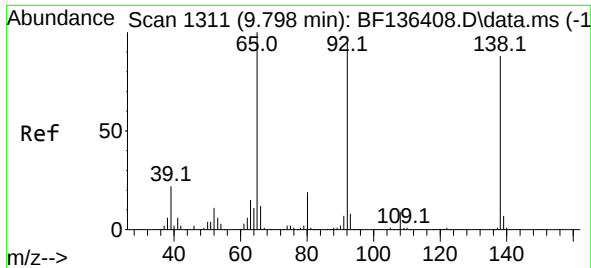
Tgt Ion:165 Resp: 188766
Ion Ratio Lower Upper
165 100
63 50.6 40.4 60.6
89 52.4 40.6 60.8



#52
Acenaphthene
Concen: 38.470 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:154 Resp: 680782
Ion Ratio Lower Upper
154 100
153 115.1 95.3 142.9
152 51.7 43.2 64.8





#53

3-Nitroaniline

Concen: 31.450 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

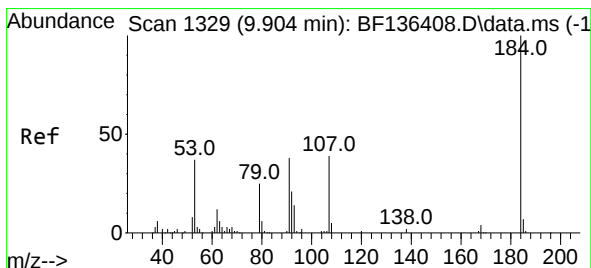
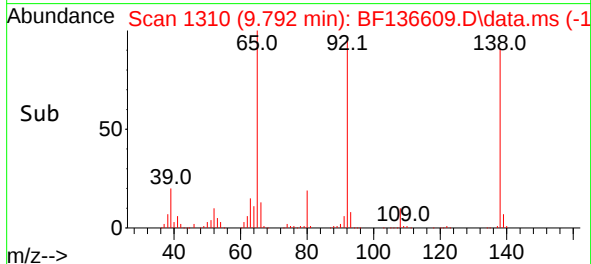
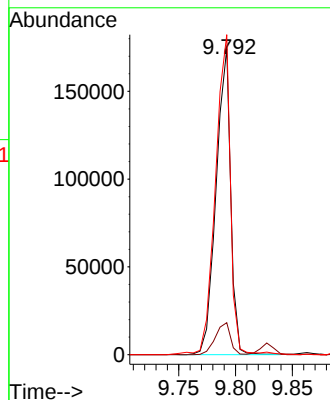
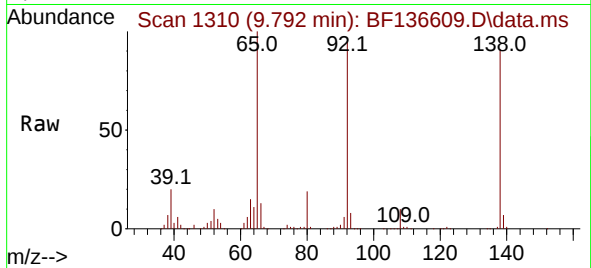
Tgt Ion:138 Resp: 155705

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

92 104.6 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 83.038 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.012 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

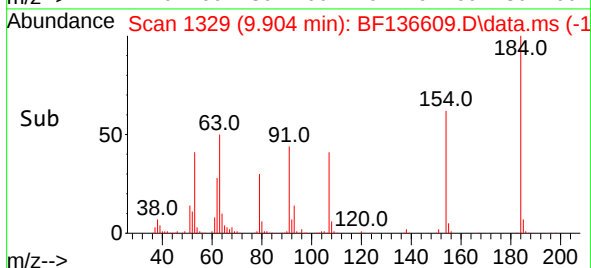
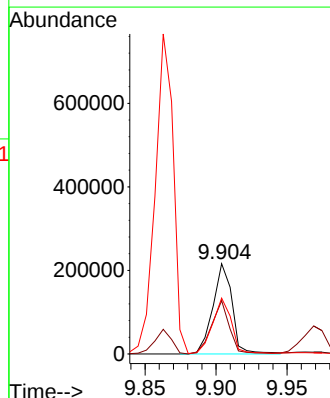
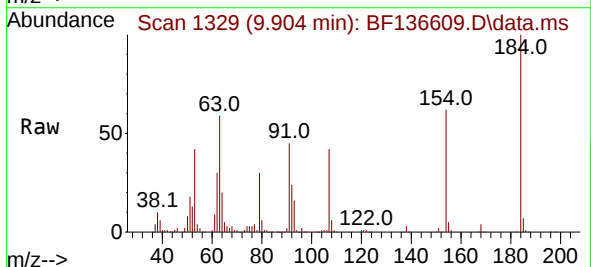
Tgt Ion:184 Resp: 203551

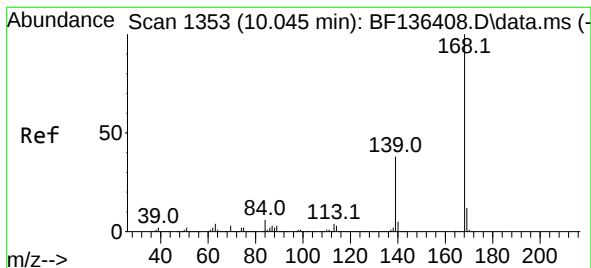
Ion Ratio Lower Upper

184 100

63 59.1 39.1 58.7#

154 61.9 49.9 74.9





#55

Dibenzenofuran

Concen: 37.918 ng

RT: 10.039 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

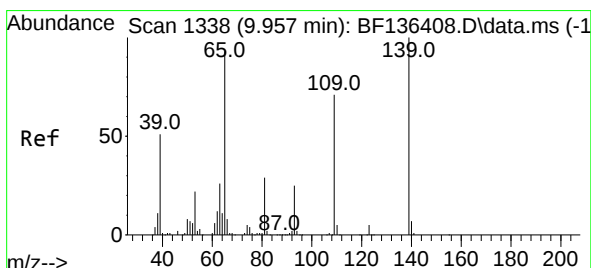
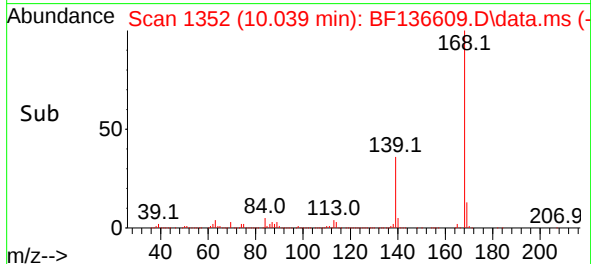
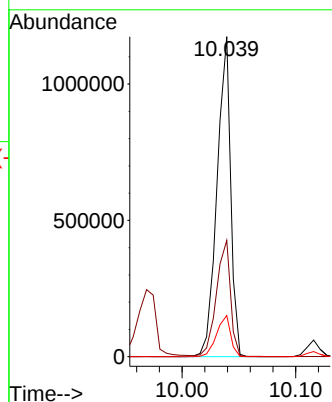
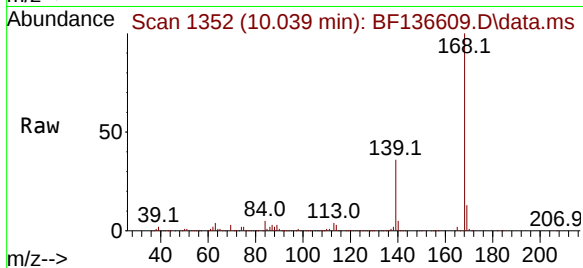
Tgt Ion:168 Resp: 980248

Ion Ratio Lower Upper

168 100

139 36.4 30.4 45.6

169 12.8 9.9 14.9



#56

4-Nitrophenol

Concen: 75.019 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.018 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

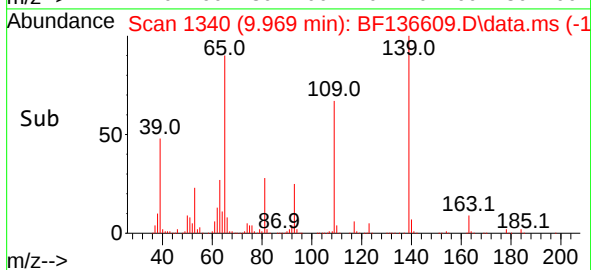
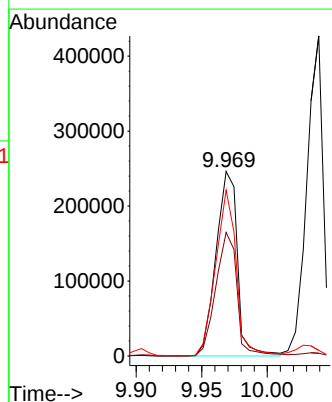
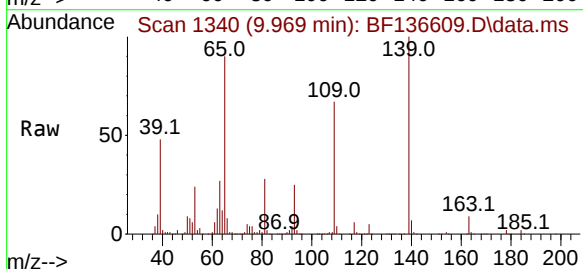
Tgt Ion:139 Resp: 278429

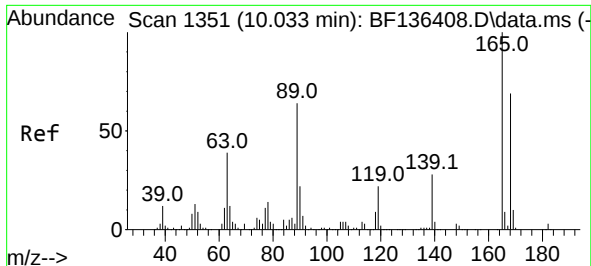
Ion Ratio Lower Upper

139 100

109 66.9 50.6 90.6

65 89.9 73.1 113.1

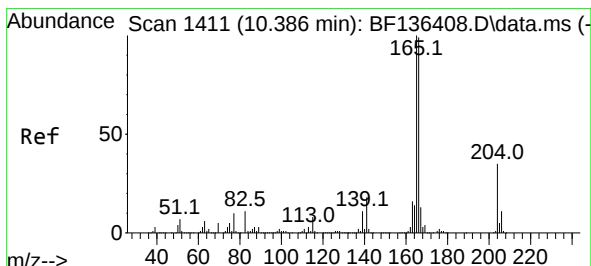
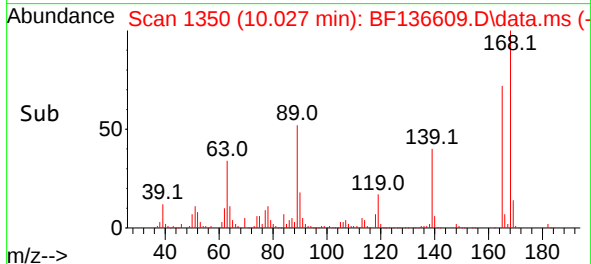
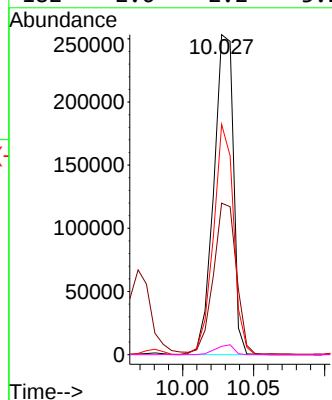
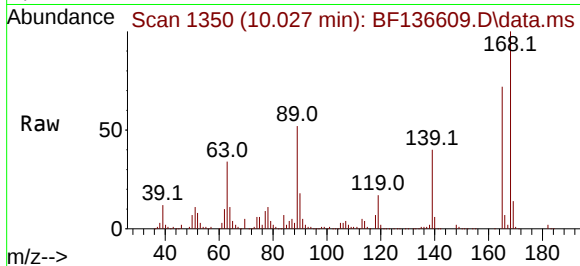




#57
2,4-Dinitrotoluene
Concen: 37.950 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

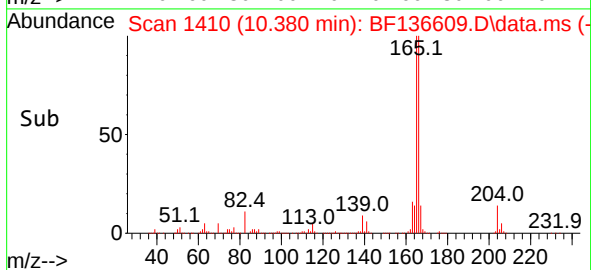
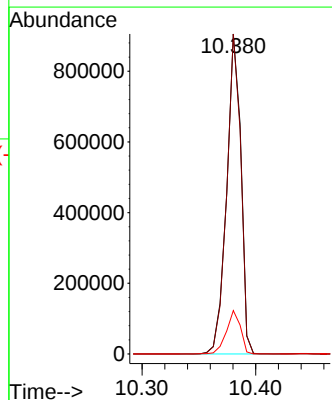
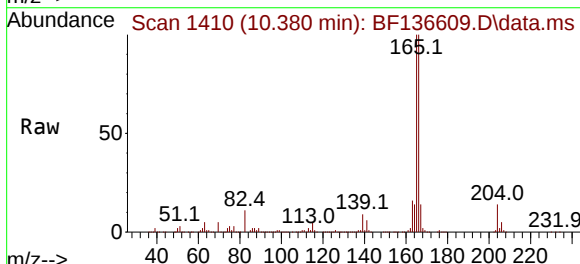
Instrument :
BNA_F
ClientSampleId :
PB157718BS

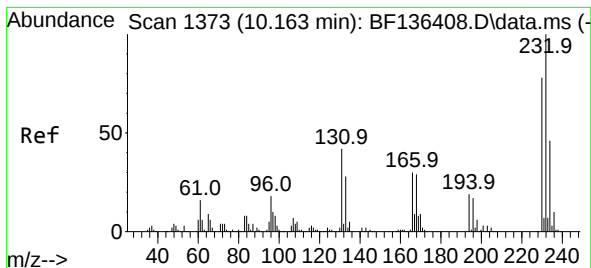
Tgt Ion:165 Resp: 243401
Ion Ratio Lower Upper
165 100
63 47.4 31.4 47.2#
89 71.9 51.7 77.5
182 2.6 2.2 3.2



#58
Fluorene
Concen: 38.028 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:166 Resp: 789174
Ion Ratio Lower Upper
166 100
165 100.0 80.5 120.7
167 13.5 10.5 15.7

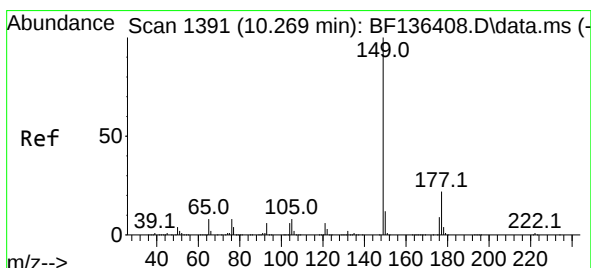
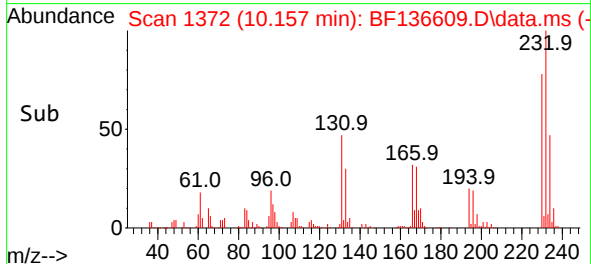
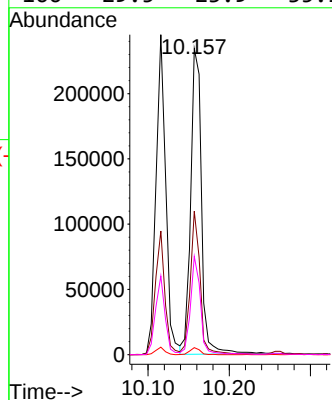
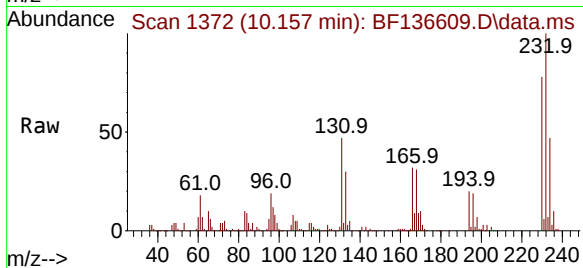




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.882 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

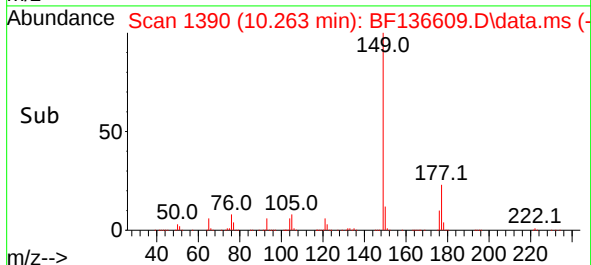
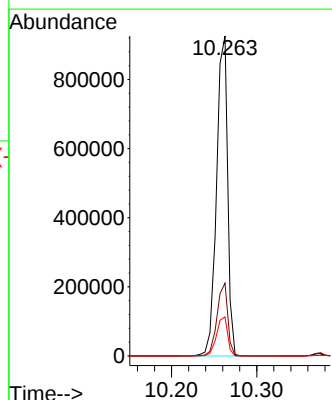
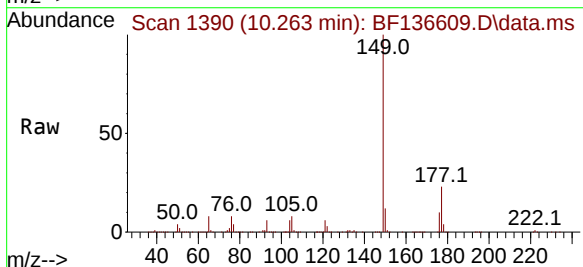
Instrument :
BNA_F
ClientSampleId :
PB157718BS

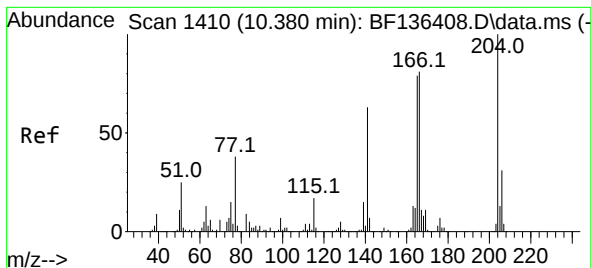
Tgt Ion:232 Resp: 216725
Ion Ratio Lower Upper
232 100
131 42.1 34.3 51.5
130 2.2 1.6 2.4
166 29.5 23.9 35.9



#60
Diethylphthalate
Concen: 39.450 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.012 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:149 Resp: 835995
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.2 9.4 14.0

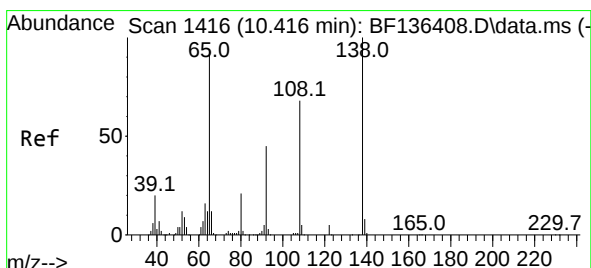
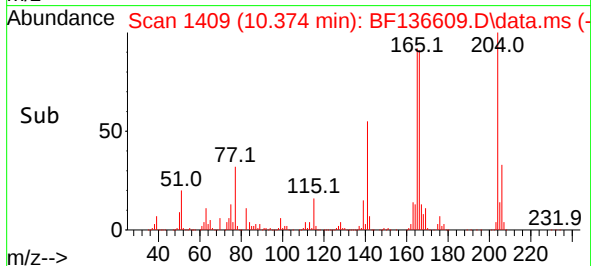
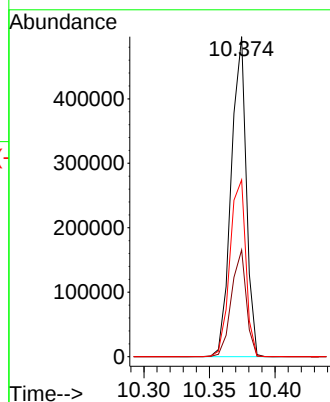
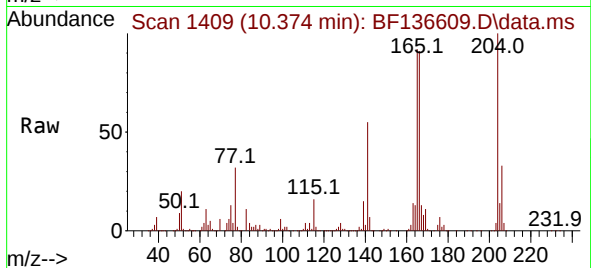




#61
4-Chlorophenyl-phenylether
Concen: 39.334 ng
RT: 10.374 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

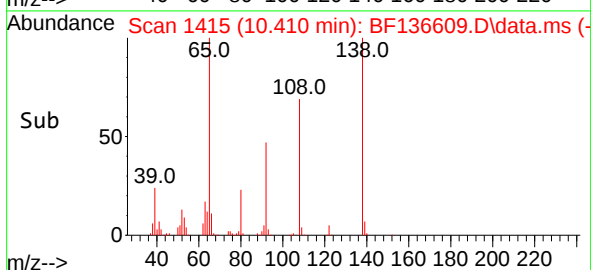
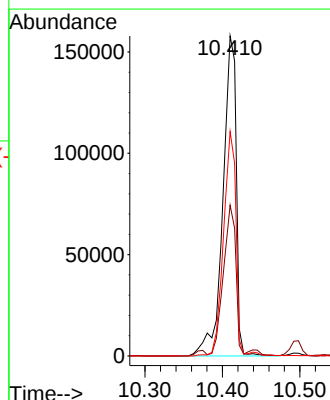
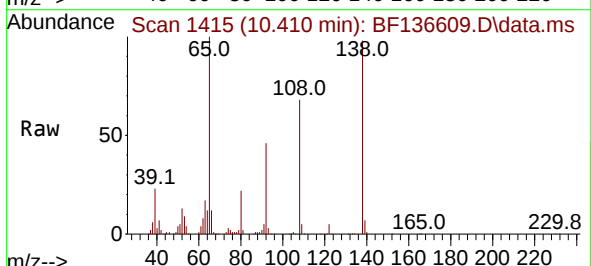
Instrument :
BNA_F
ClientSampleId :
PB157718BS

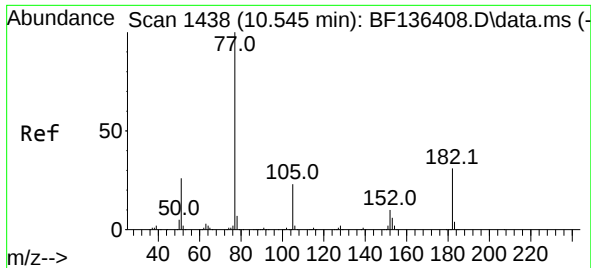
Tgt Ion:204 Resp: 397925
Ion Ratio Lower Upper
204 100
206 33.4 24.6 36.8
141 55.2 50.3 75.5



#62
4-Nitroaniline
Concen: 38.364 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:138 Resp: 188600
Ion Ratio Lower Upper
138 100
92 47.1 25.0 65.0
108 70.1 47.9 87.9

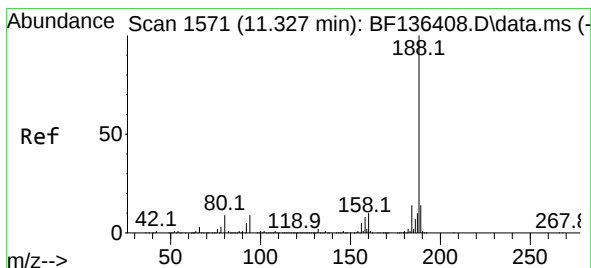
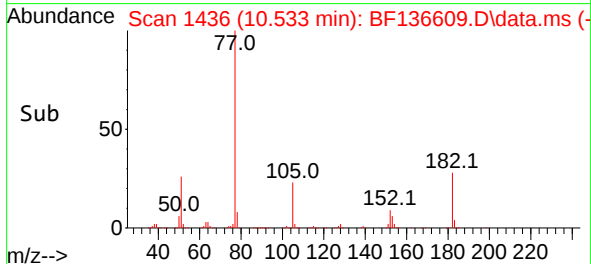
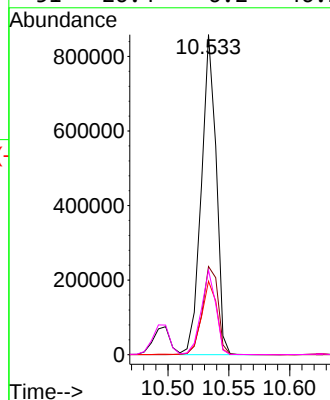
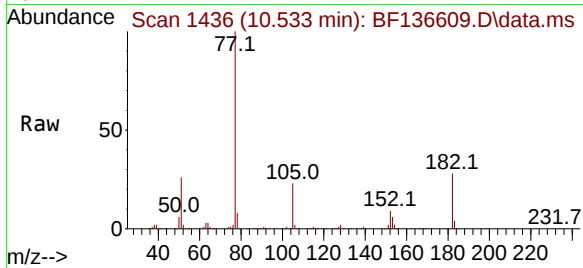




#63
Azobenzene
Concen: 37.611 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

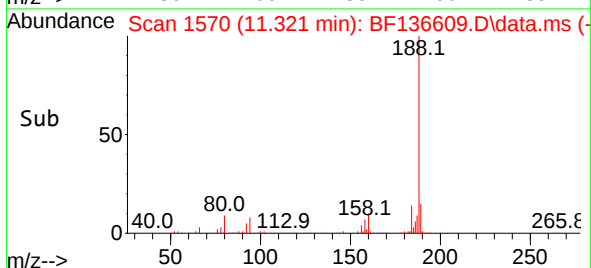
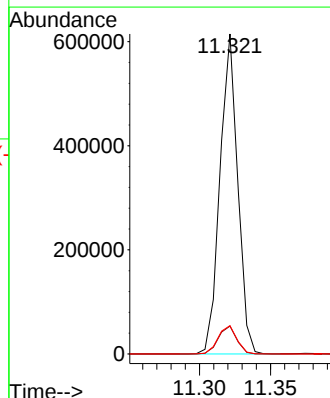
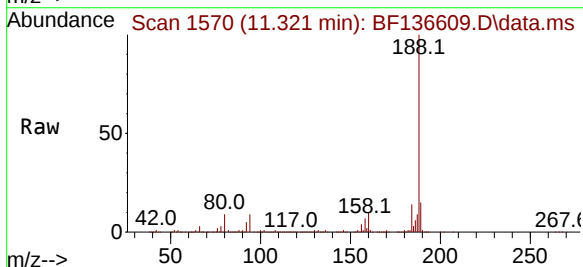
Instrument :
BNA_F
ClientSampleId :
PB157718BS

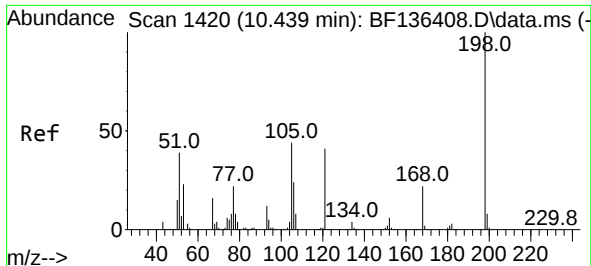
Tgt Ion:	77	Resp:	725467
Ion	Ratio	Lower	Upper
77	100		
182	27.5	10.8	50.8
105	23.0	2.6	42.6
51	26.4	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:	188	Resp:	532995
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	8.9	7.2	10.8

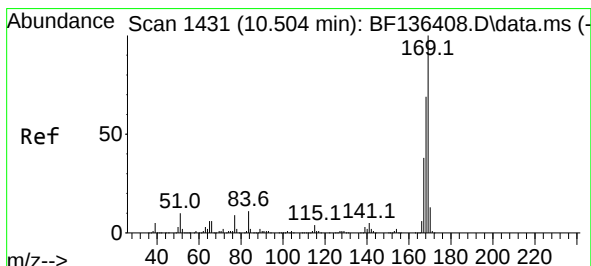
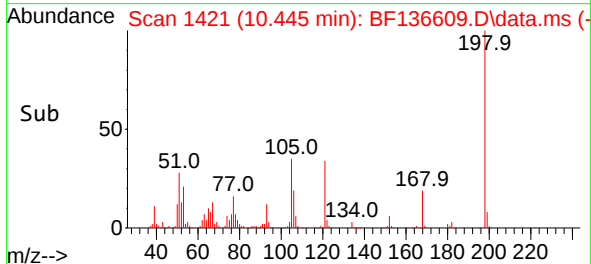
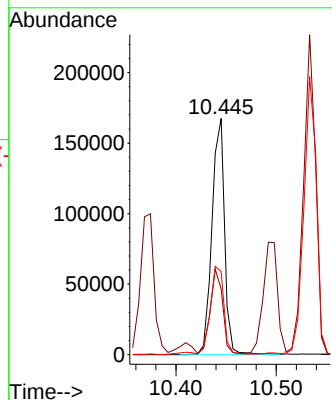
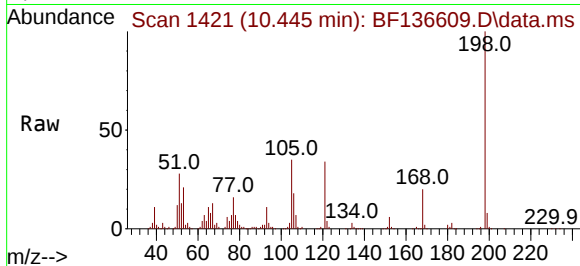




#65
4,6-Dinitro-2-methylphenol
Concen: 44.309 ng
RT: 10.445 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

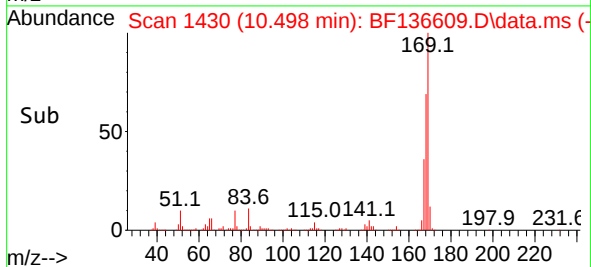
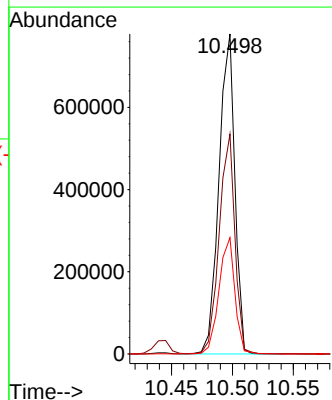
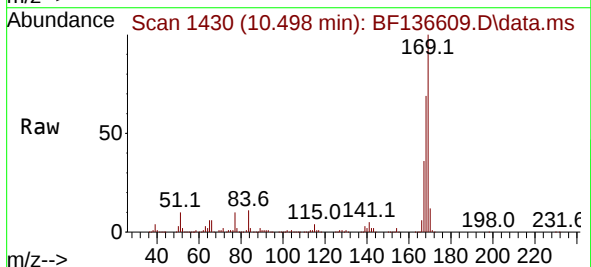
Instrument :
BNA_F
ClientSampleId :
PB157718BS

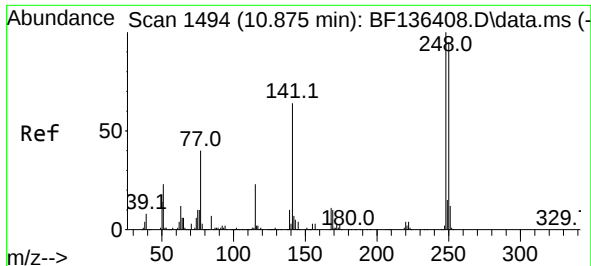
Tgt Ion:198 Resp: 146261
Ion Ratio Lower Upper
198 100
51 27.7 24.1 64.1
105 35.2 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 41.427 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:169 Resp: 708515
Ion Ratio Lower Upper
169 100
168 68.7 55.3 82.9
167 36.3 30.1 45.1

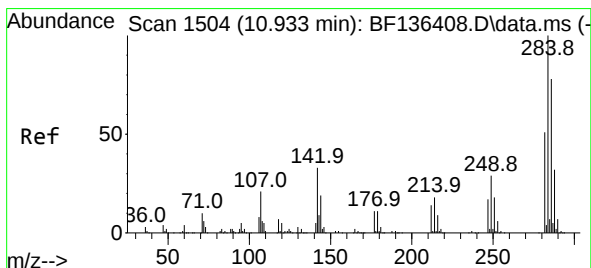
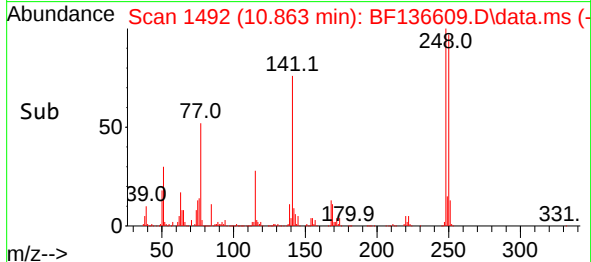
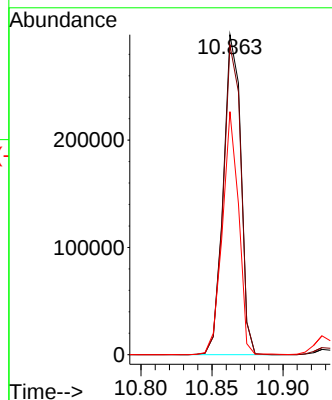
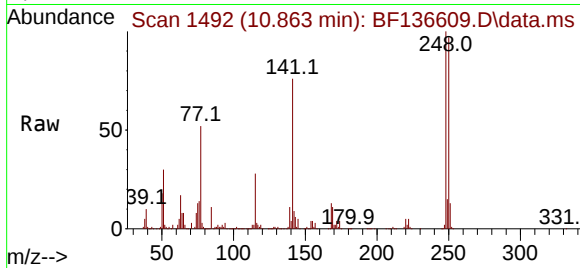




#67
4-Bromophenyl-phenylether
Concen: 41.159 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

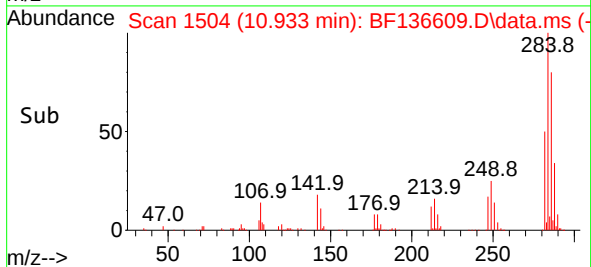
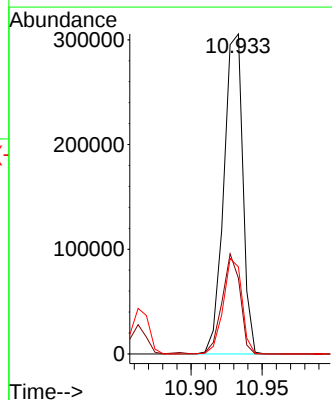
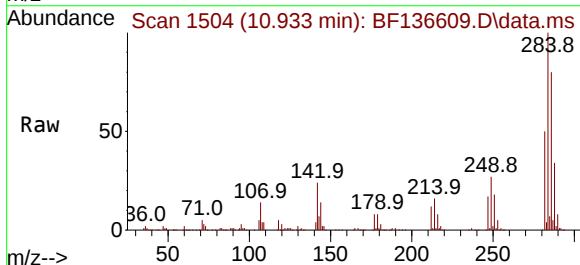
Instrument :
BNA_F
ClientSampleId :
PB157718BS

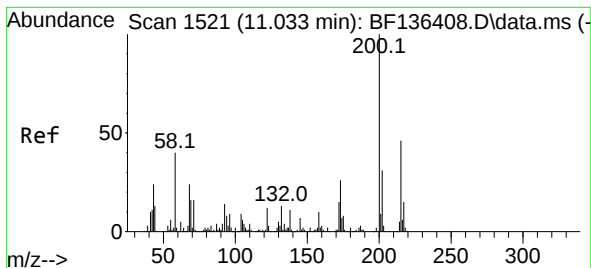
Tgt Ion:248 Resp: 255059
Ion Ratio Lower Upper
248 100
250 96.7 76.2 114.2
141 76.0 51.0 76.4



#68
Hexachlorobenzene
Concen: 39.687 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:284 Resp: 284248
Ion Ratio Lower Upper
284 100
142 23.6 26.5 39.7#
249 27.2 23.4 35.0





#69

Atrazine

Concen: 61.555 ng

RT: 11.033 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

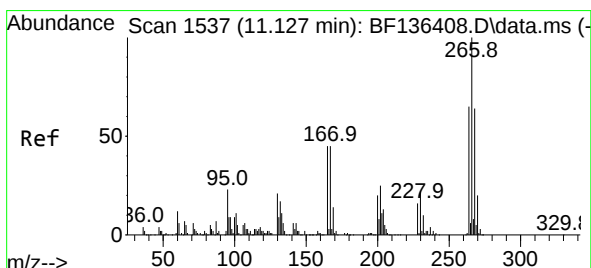
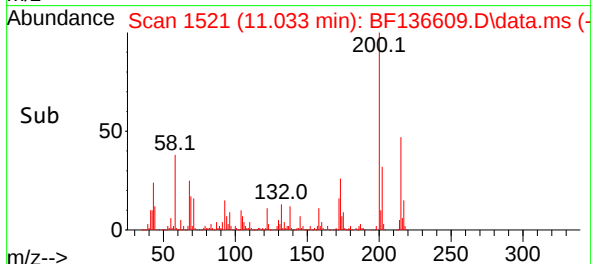
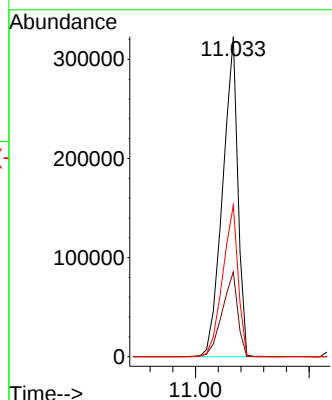
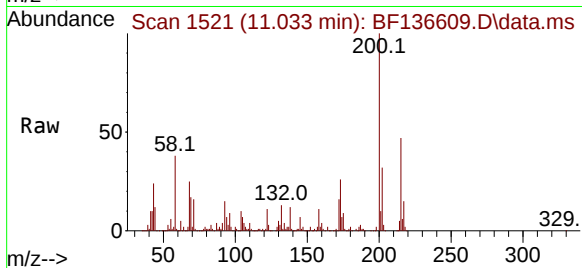
Tgt Ion:200 Resp: 300472

Ion Ratio Lower Upper

200 100

173 26.5 6.0 46.0

215 47.3 25.5 65.5



#70

Pentachlorophenol

Concen: 68.111 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.012 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

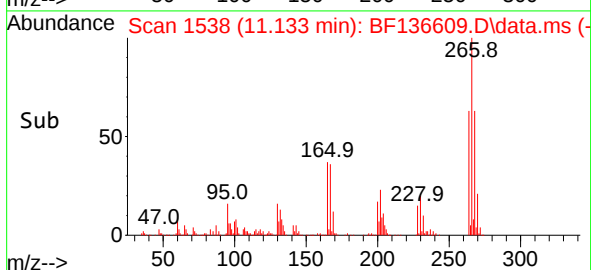
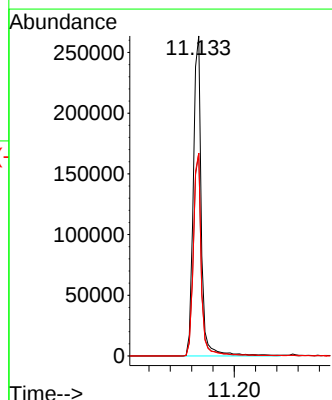
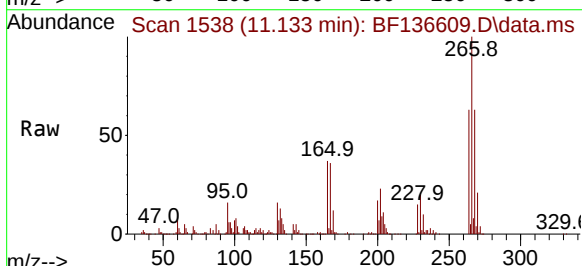
Tgt Ion:266 Resp: 275319

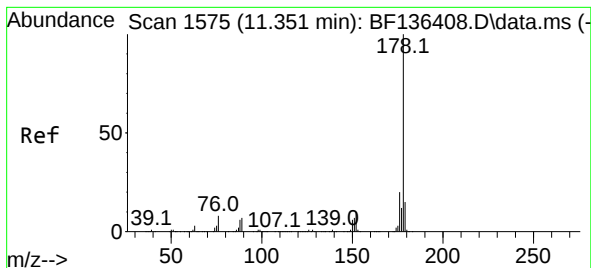
Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.6

264 63.4 52.2 78.4





#71

Phenanthrene

Concen: 40.026 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.012 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

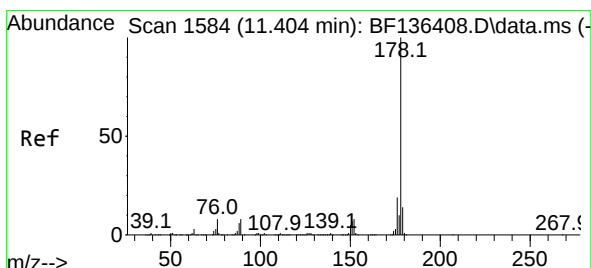
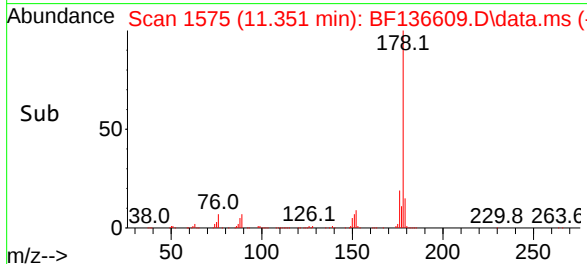
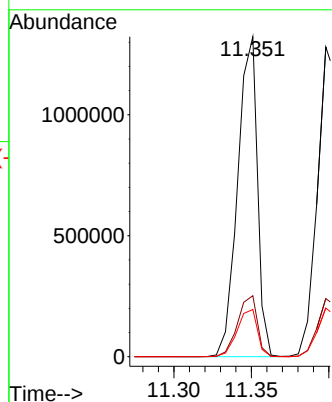
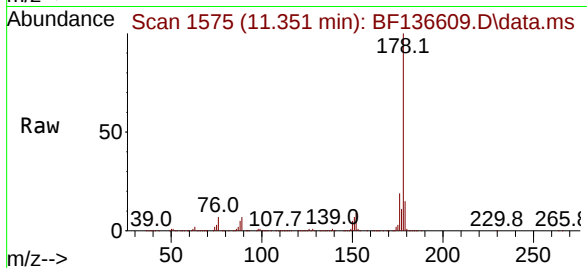
Tgt Ion:178 Resp: 1172582

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

179 14.8 11.8 17.6



#72

Anthracene

Concen: 40.362 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

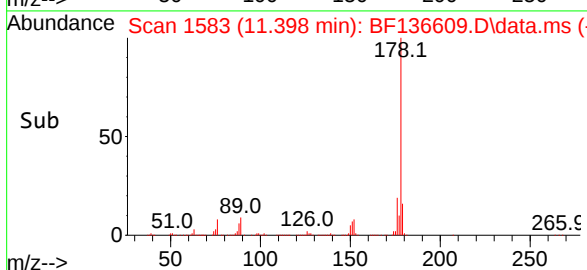
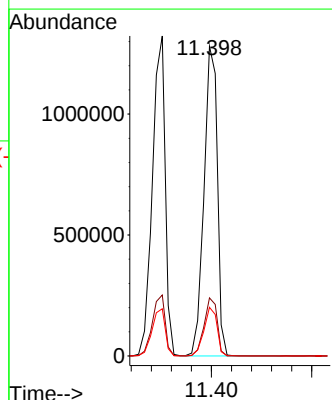
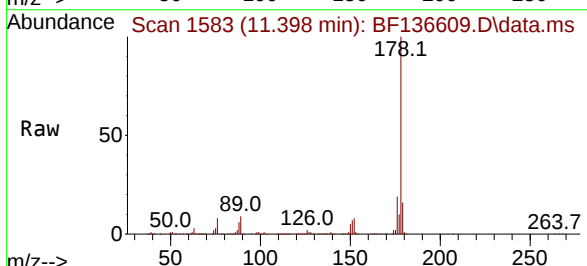
Tgt Ion:178 Resp: 1190972

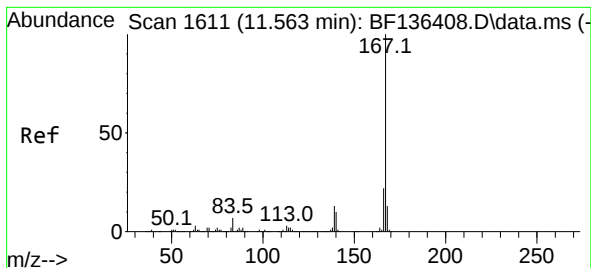
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.7 11.4 17.0





#73

Carbazole

Concen: 38.371 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

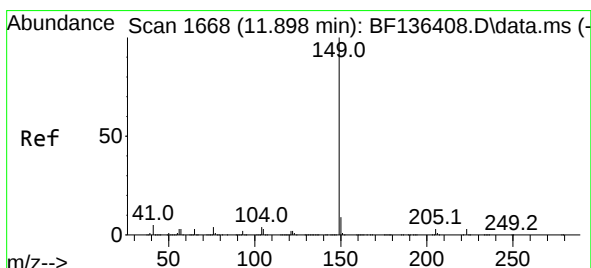
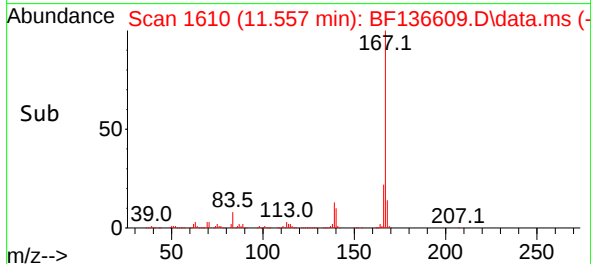
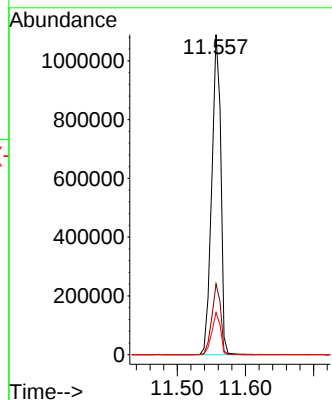
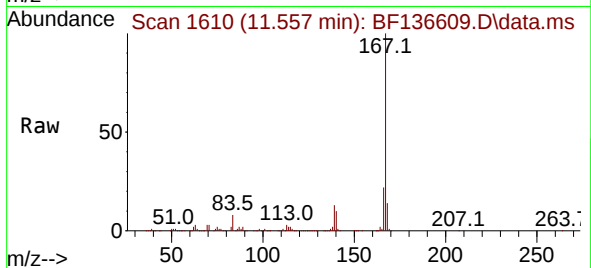
Tgt Ion:167 Resp: 1002111

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

139 13.2 10.2 15.4



#74

Di-n-butylphthalate

Concen: 40.464 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

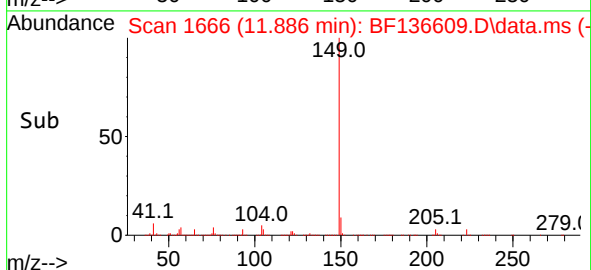
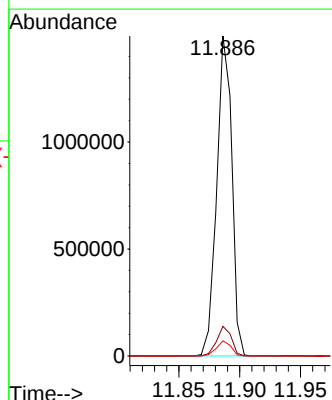
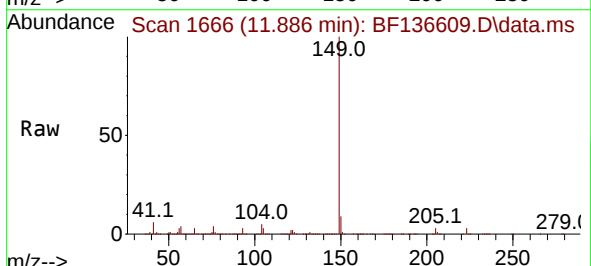
Tgt Ion:149 Resp: 1295486

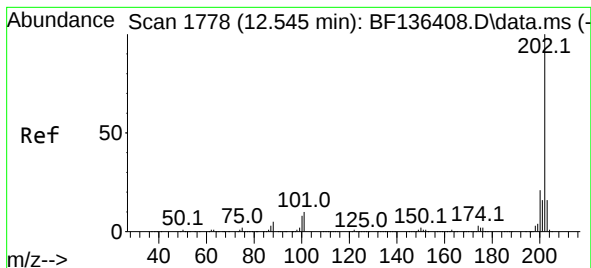
Ion Ratio Lower Upper

149 100

150 9.2 6.9 10.3

104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 36.169 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

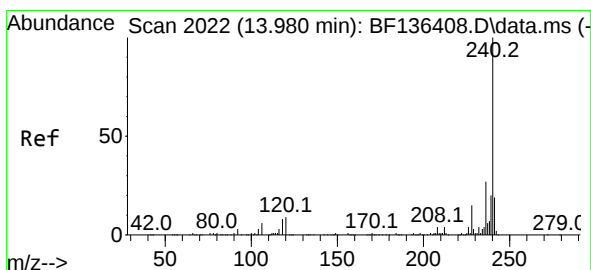
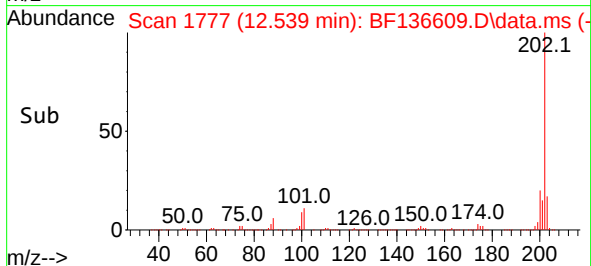
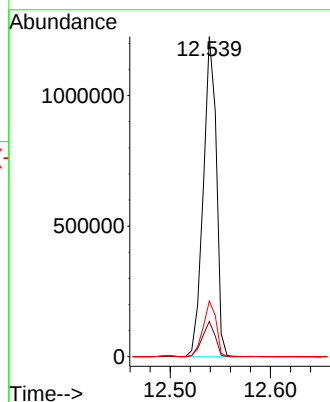
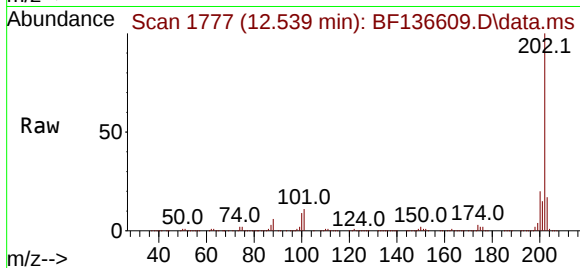
Tgt Ion:202 Resp: 1110389

Ion Ratio Lower Upper

202 100

101 11.0 0.0 29.9

203 17.4 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: BF136609.D

Acq: 18 Dec 2023 12:18

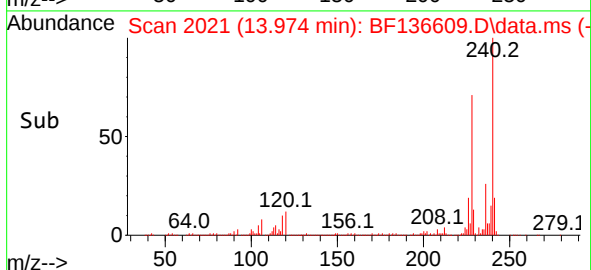
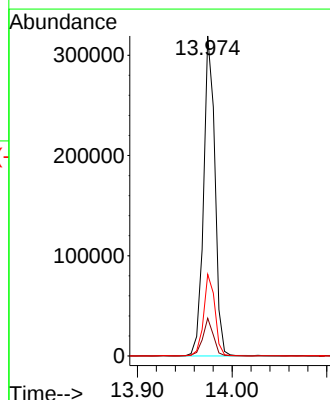
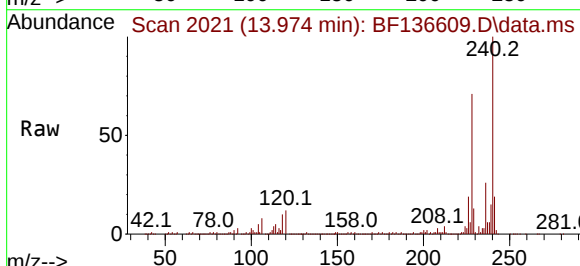
Tgt Ion:240 Resp: 265097

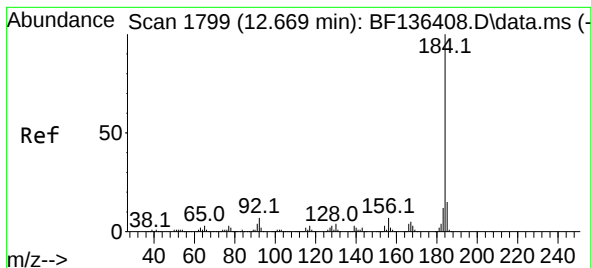
Ion Ratio Lower Upper

240 100

120 11.8 7.3 10.9#

236 25.5 21.3 31.9





#77

Benzidine

Concen: 39.502 ng

RT: 12.663 min Scan# 1799

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

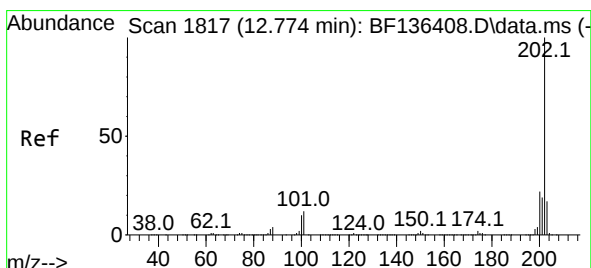
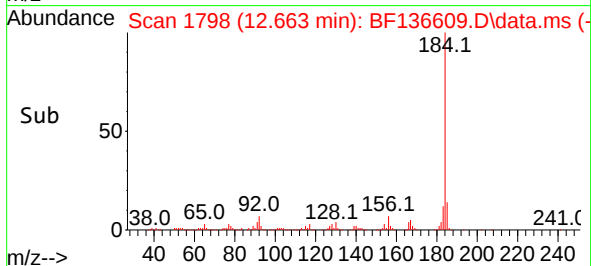
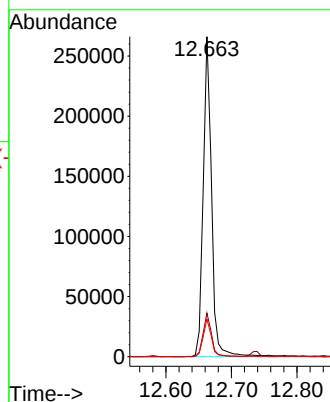
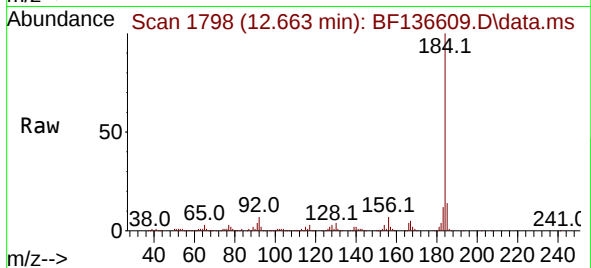
Tgt Ion:184 Resp: 236679

Ion Ratio Lower Upper

184 100

185 13.7 12.0 18.0

183 11.8 9.4 14.0



#78

Pyrene

Concen: 42.897 ng

RT: 12.768 min Scan# 1816

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

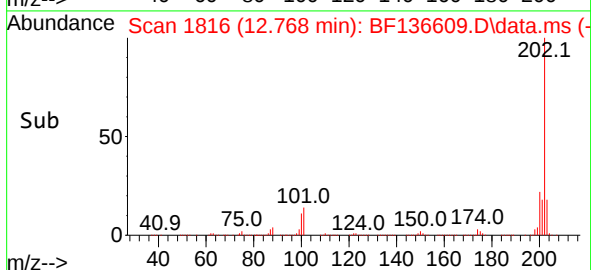
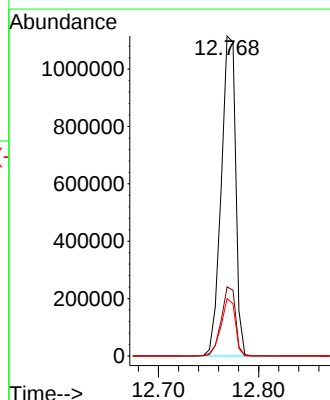
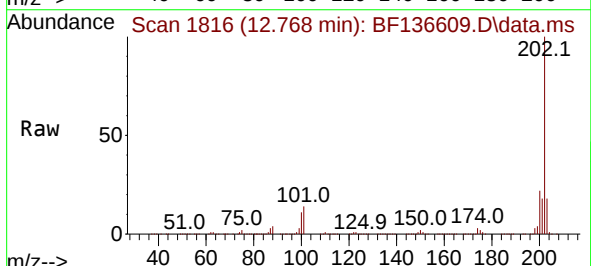
Tgt Ion:202 Resp: 1113727

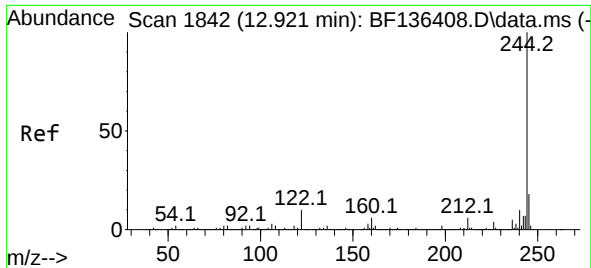
Ion Ratio Lower Upper

202 100

200 21.6 18.0 27.0

203 18.0 13.5 20.3

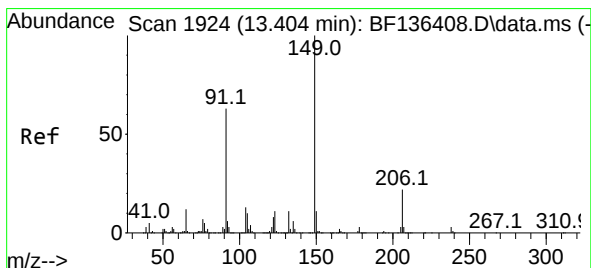
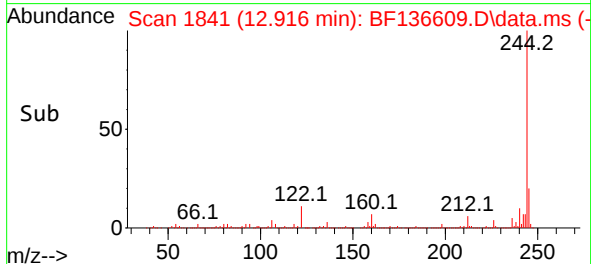
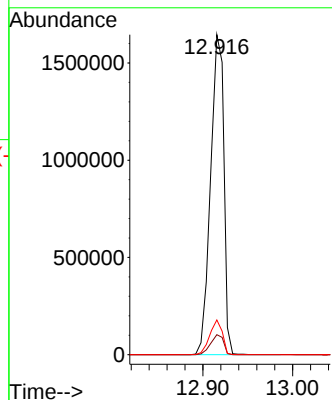
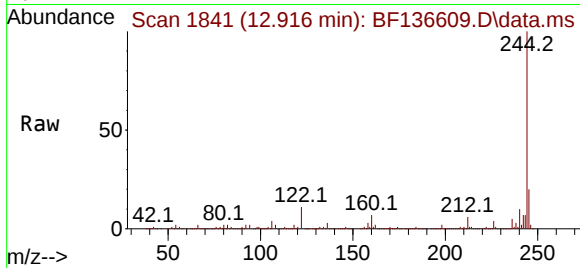




#79
 Terphenyl-d14
 Concen: 83.930 ng
 RT: 12.916 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF136609.D
 Acq: 18 Dec 2023 12:18

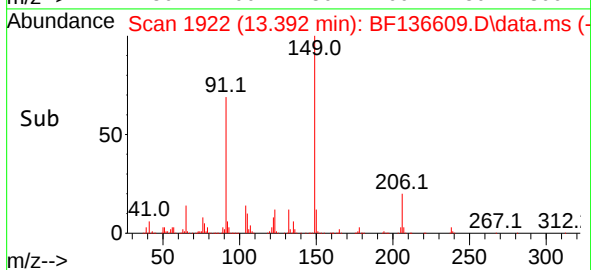
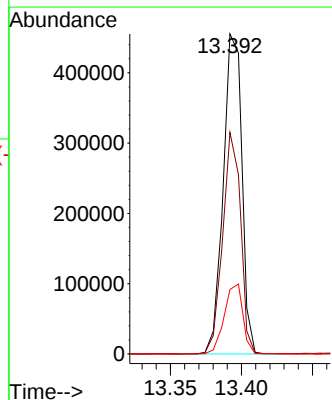
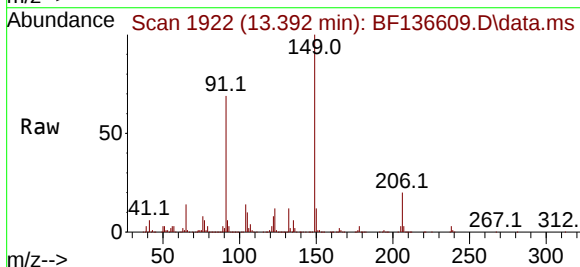
Instrument :
 BNA_F
 ClientSampleId :
 PB157718BS

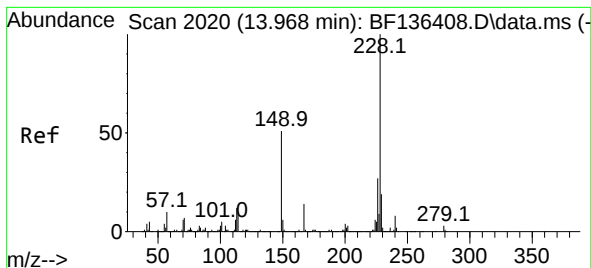
Tgt Ion:244 Resp: 1688069
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.9 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 44.924 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.006 min
 Lab File: BF136609.D
 Acq: 18 Dec 2023 12:18

Tgt Ion:149 Resp: 415197
 Ion Ratio Lower Upper
 149 100
 91 69.2 50.5 75.7
 206 20.1 17.4 26.2





#81

Benzo(a)anthracene

Concen: 41.271 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

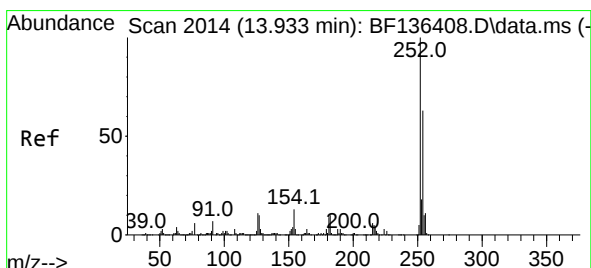
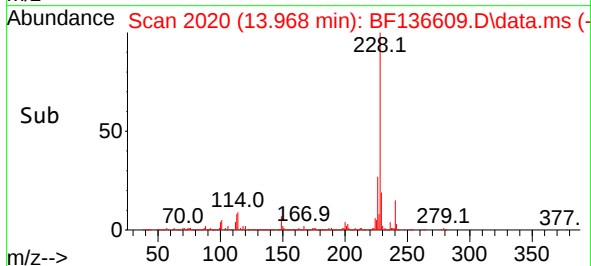
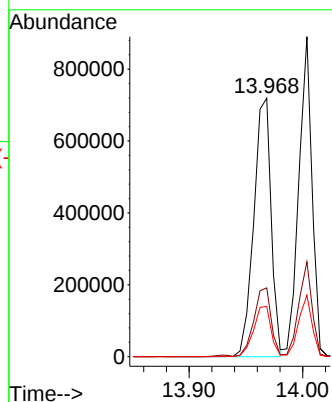
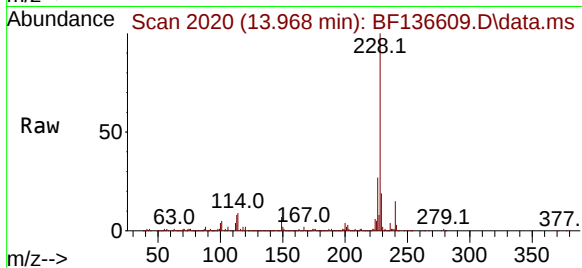
Tgt Ion:228 Resp: 762104

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.8

229 19.4 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 44.635 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

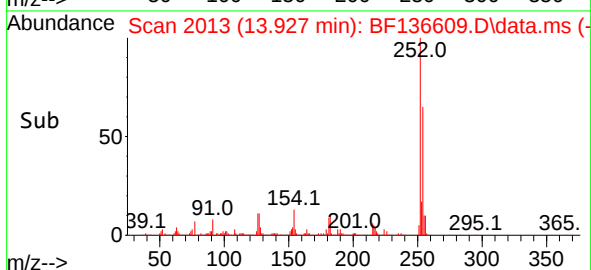
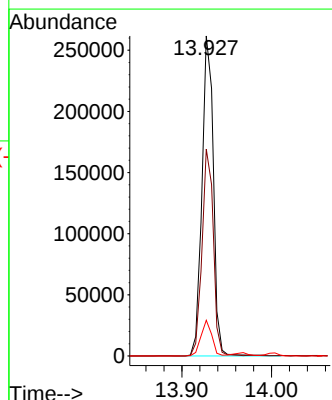
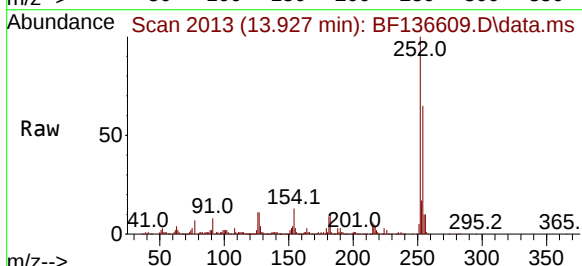
Tgt Ion:252 Resp: 231096

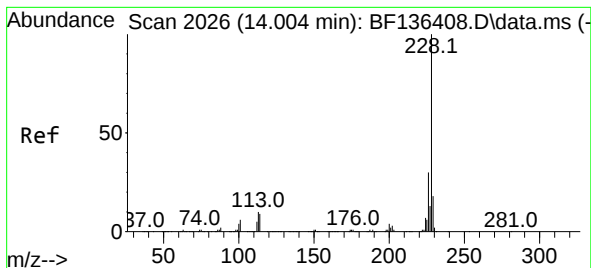
Ion Ratio Lower Upper

252 100

254 64.7 50.8 76.2

126 11.1 8.6 12.8





#83

Chrysene

Concen: 39.694 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

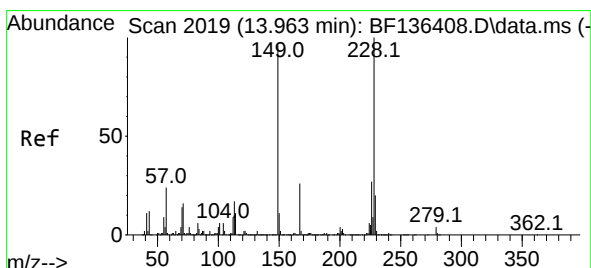
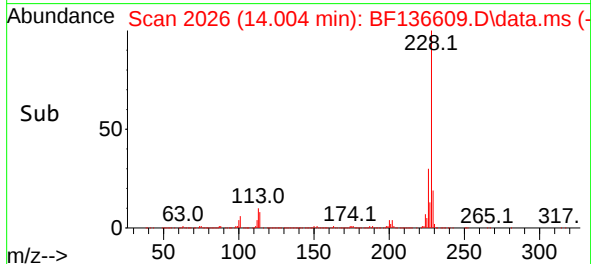
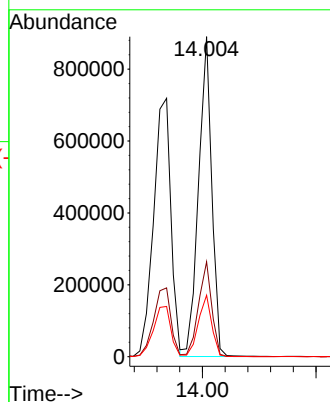
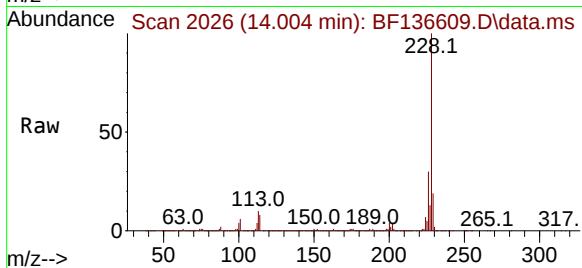
Tgt Ion:228 Resp: 721153

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.2 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.959 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

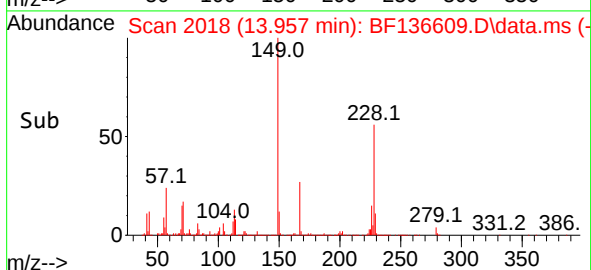
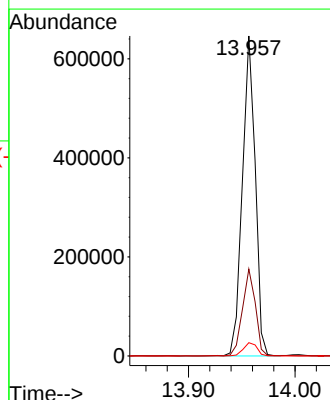
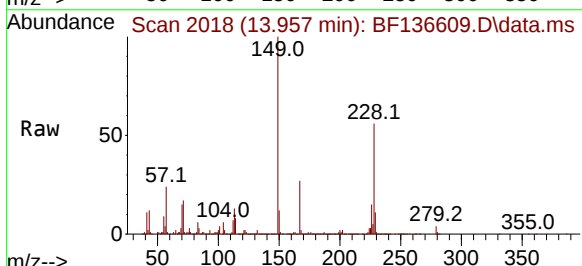
Tgt Ion:149 Resp: 543379

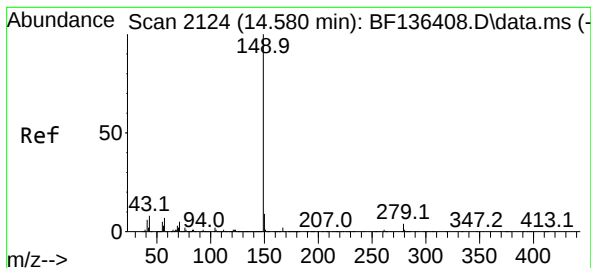
Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 49.124 ng

RT: 14.574 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

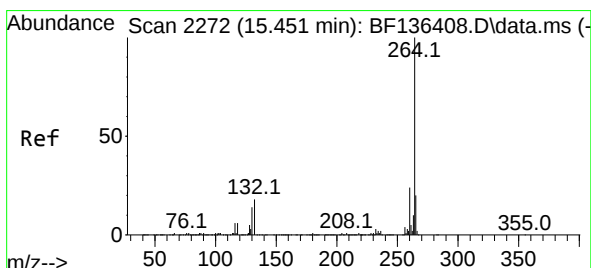
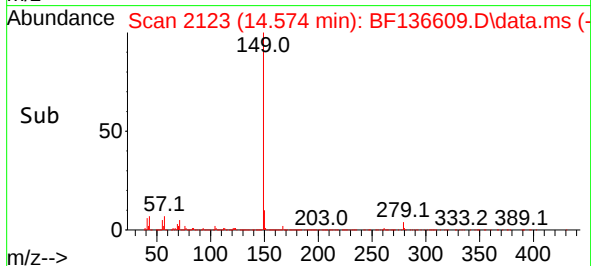
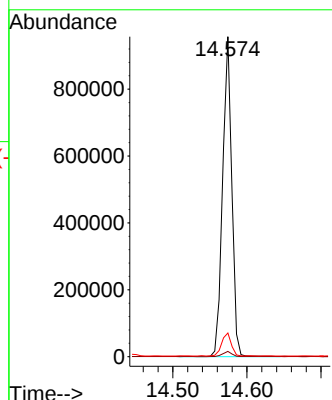
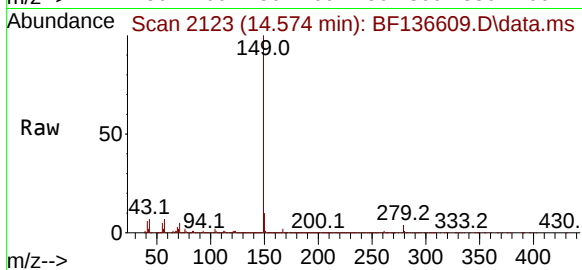
Tgt Ion:149 Resp: 822125

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.018 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

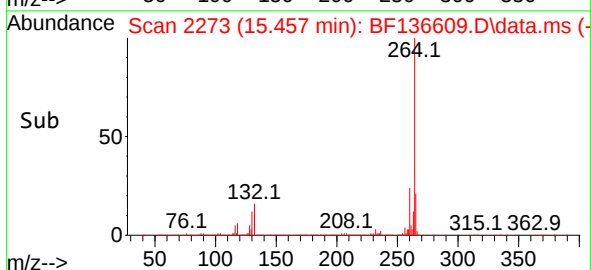
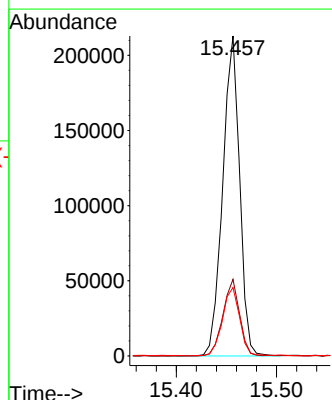
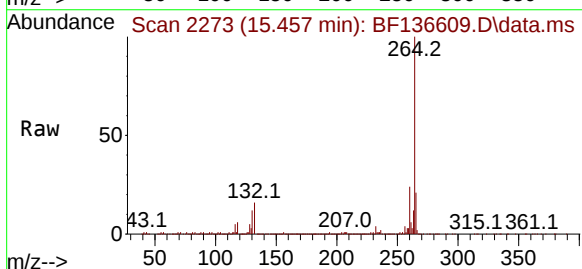
Tgt Ion:264 Resp: 249107

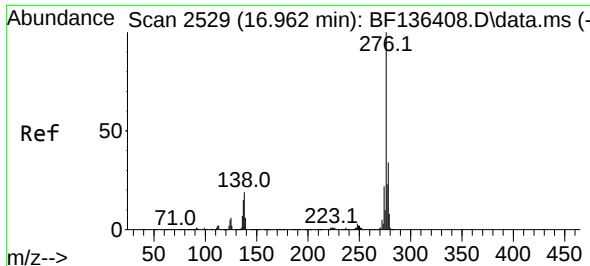
Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.4 15.9 23.9

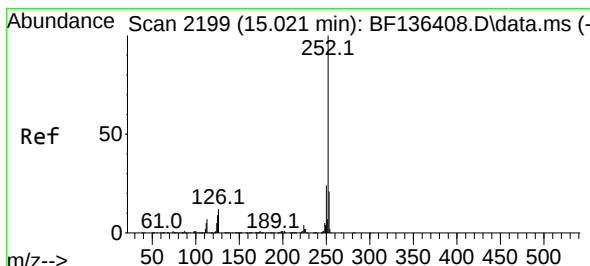
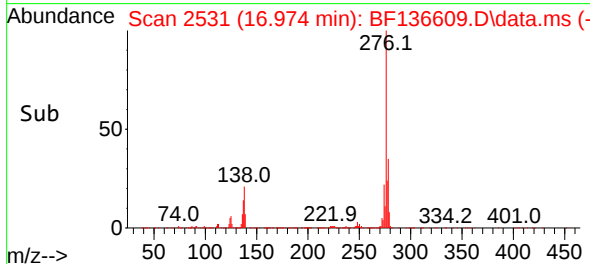
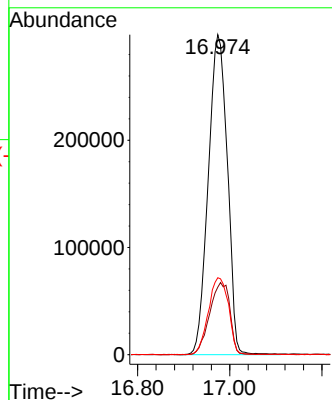
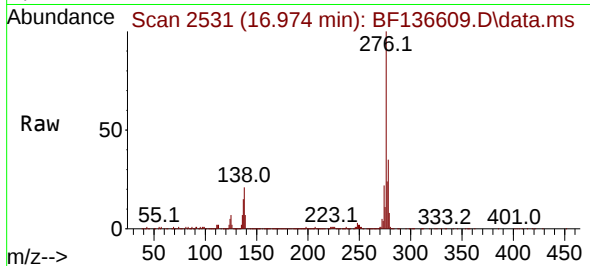




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.688 ng
 RT: 16.974 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF136609.D
 Acq: 18 Dec 2023 12:18

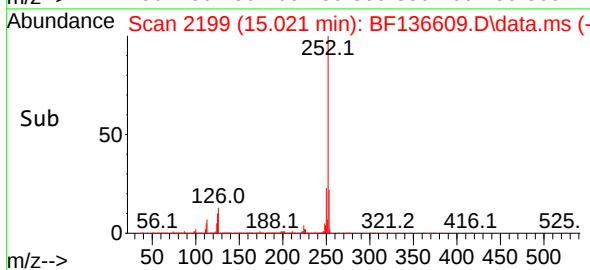
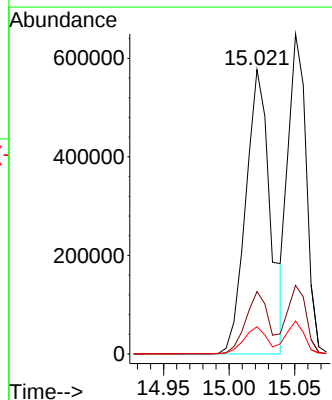
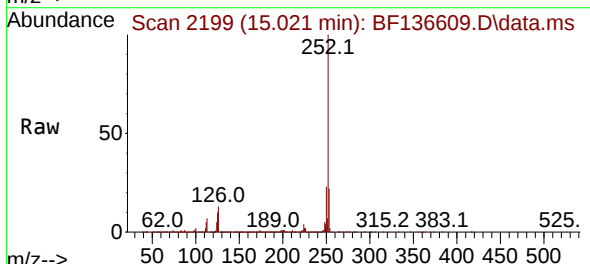
Instrument :
 BNA_F
 ClientSampleId :
 PB157718BS

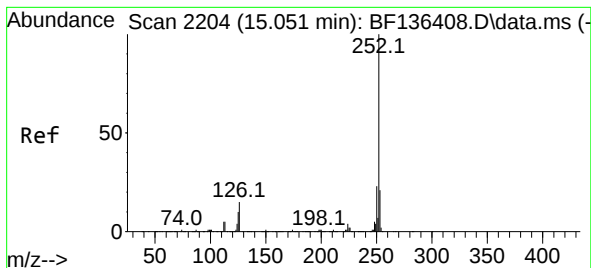
Tgt Ion:276 Resp: 859898
 Ion Ratio Lower Upper
 276 100
 138 23.9 19.0 28.4
 277 25.5 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 43.971 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. 0.012 min
 Lab File: BF136609.D
 Acq: 18 Dec 2023 12:18

Tgt Ion:252 Resp: 748923
 Ion Ratio Lower Upper
 252 100
 253 22.0 16.9 25.3
 125 9.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 38.850 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157718BS

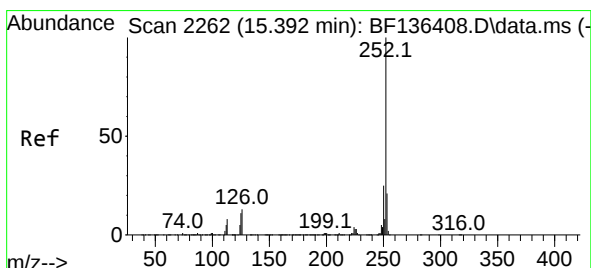
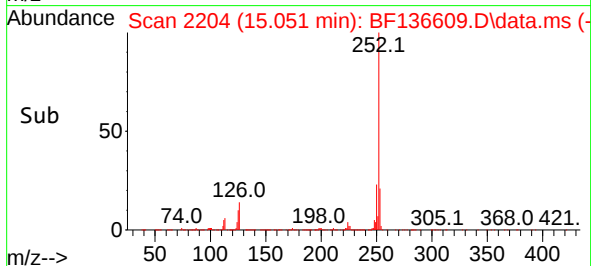
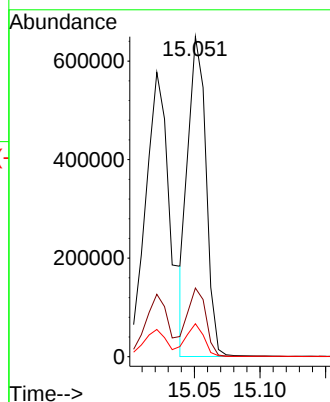
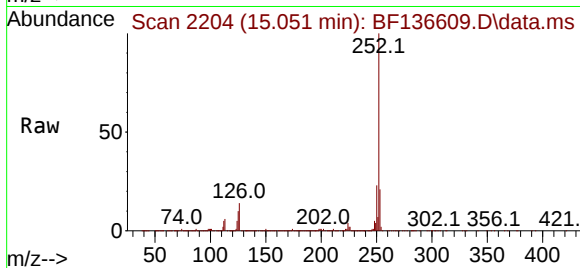
Tgt Ion:252 Resp: 623591

Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

125 10.3 7.5 11.3



#90

Benzo(a)pyrene

Concen: 43.582 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.018 min

Lab File: BF136609.D

Acq: 18 Dec 2023 12:18

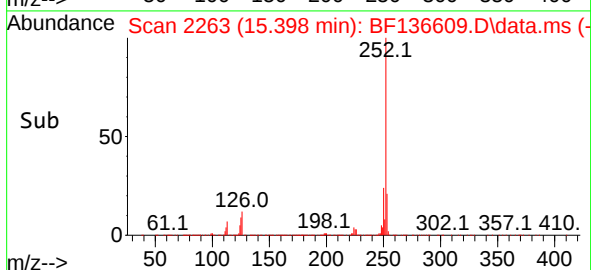
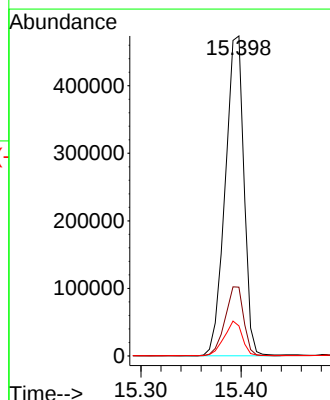
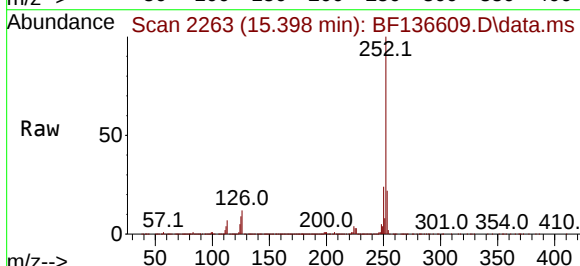
Tgt Ion:252 Resp: 613017

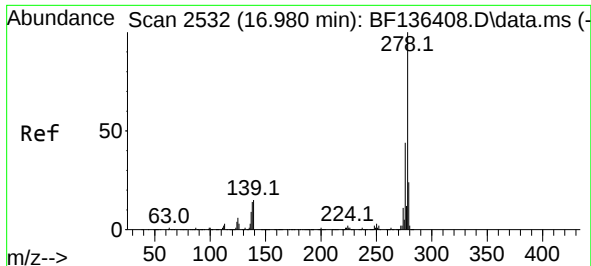
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

125 9.4 8.6 13.0

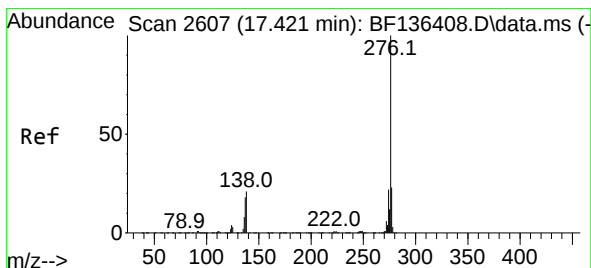
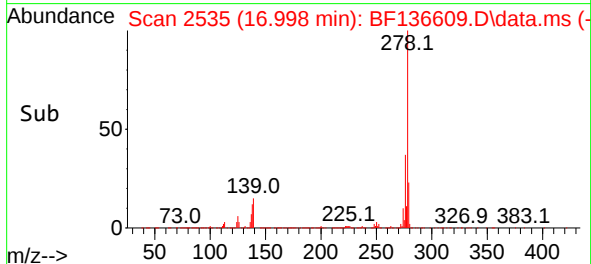
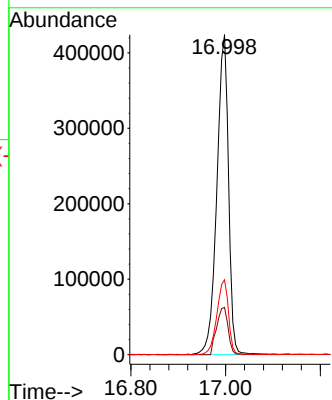
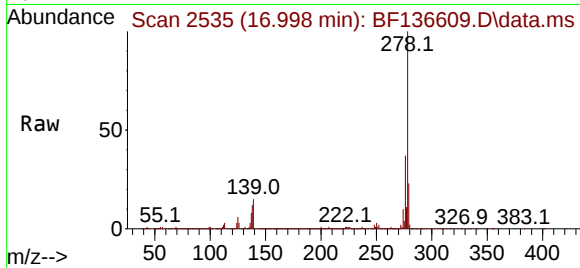




#91
Dibenzo(a,h)anthracene
Concen: 51.096 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Instrument :
BNA_F
ClientSampleId :
PB157718BS

Tgt Ion:278 Resp: 724433
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.4
279 23.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 49.173 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.035 min
Lab File: BF136609.D
Acq: 18 Dec 2023 12:18

Tgt Ion:276 Resp: 715568
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 20.5 16.6 25.0

