

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136490.D
 Acq On : 11 Dec 2023 14:59
 Operator : CG\JU
 Sample : PB157390BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157390BS

Quant Time: Dec 11 15:20:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	129857	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	558008	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	295608	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	552543	20.000	ng	0.00
76) Chrysene-d12	13.980	240	279416	20.000	ng	0.00
86) Perylene-d12	15.457	264	237096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1016587	115.614	ng	0.02
7) Phenol-d6	6.451	99	1260087	114.860	ng	0.00
23) Nitrobenzene-d5	7.363	82	753001	72.951	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	417849	114.640	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1522392	70.272	ng	0.00
79) Terphenyl-d14	12.922	244	1696232	80.014	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	109667	31.533	ng	97
3) Pyridine	3.416	79	263877	31.330	ng	97
4) n-Nitrosodimethylamine	3.381	42	147988	40.443	ng	98
6) Aniline	6.463	93	309368	27.904	ng	# 3
8) 2-Chlorophenol	6.587	128	406025	42.297	ng	99
9) Benzaldehyde	6.351	77	142121	23.103	ng	94
10) Phenol	6.463	94	474512	40.648	ng	88
11) bis(2-Chloroethyl)ether	6.540	93	356196	40.935	ng	96
12) 1,3-Dichlorobenzene	6.740	146	399227	36.981	ng	97
13) 1,4-Dichlorobenzene	6.816	146	416958	38.075	ng	100
14) 1,2-Dichlorobenzene	6.963	146	394129	38.273	ng	99
15) Benzyl Alcohol	6.946	79	314502	42.811	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	424953	37.972	ng	82
17) 2-Methylphenol	7.057	107	321865	41.503	ng	95
18) Hexachloroethane	7.304	117	145940	38.171	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	252340	39.874	ng	98
20) 3+4-Methylphenols	7.210	107	391710	40.693	ng	95
22) Acetophenone	7.204	105	534710	38.805	ng	# 97
24) Nitrobenzene	7.381	77	388288	37.394	ng	98
25) Isophorone	7.616	82	715584	38.588	ng	99
26) 2-Nitrophenol	7.693	139	212042	41.538	ng	98
27) 2,4-Dimethylphenol	7.734	122	324676	51.581	ng	96
28) bis(2-Chloroethoxy)met...	7.828	93	437837	38.423	ng	98
29) 2,4-Dichlorophenol	7.940	162	335205	40.345	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	361094	37.272	ng	98
31) Naphthalene	8.098	128	1149545	37.357	ng	99
32) Benzoic acid	7.881	122	261185	41.828	ng	92
33) 4-Chloroaniline	8.145	127	272488	24.838	ng	98
34) Hexachlorobutadiene	8.210	225	207879	36.206	ng	98
35) Caprolactam	8.528	113	59974	23.440	ng	94
36) 4-Chloro-3-methylphenol	8.640	107	367903	41.704	ng	99
37) 2-Methylnaphthalene	8.787	142	743670	37.987	ng	93
38) 1-Methylnaphthalene	8.887	142	711631	37.044	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	358459	38.977	ng	99
41) Hexachlorocyclopentadiene	8.939	237	313209	91.926	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	244087	40.761	ng	98

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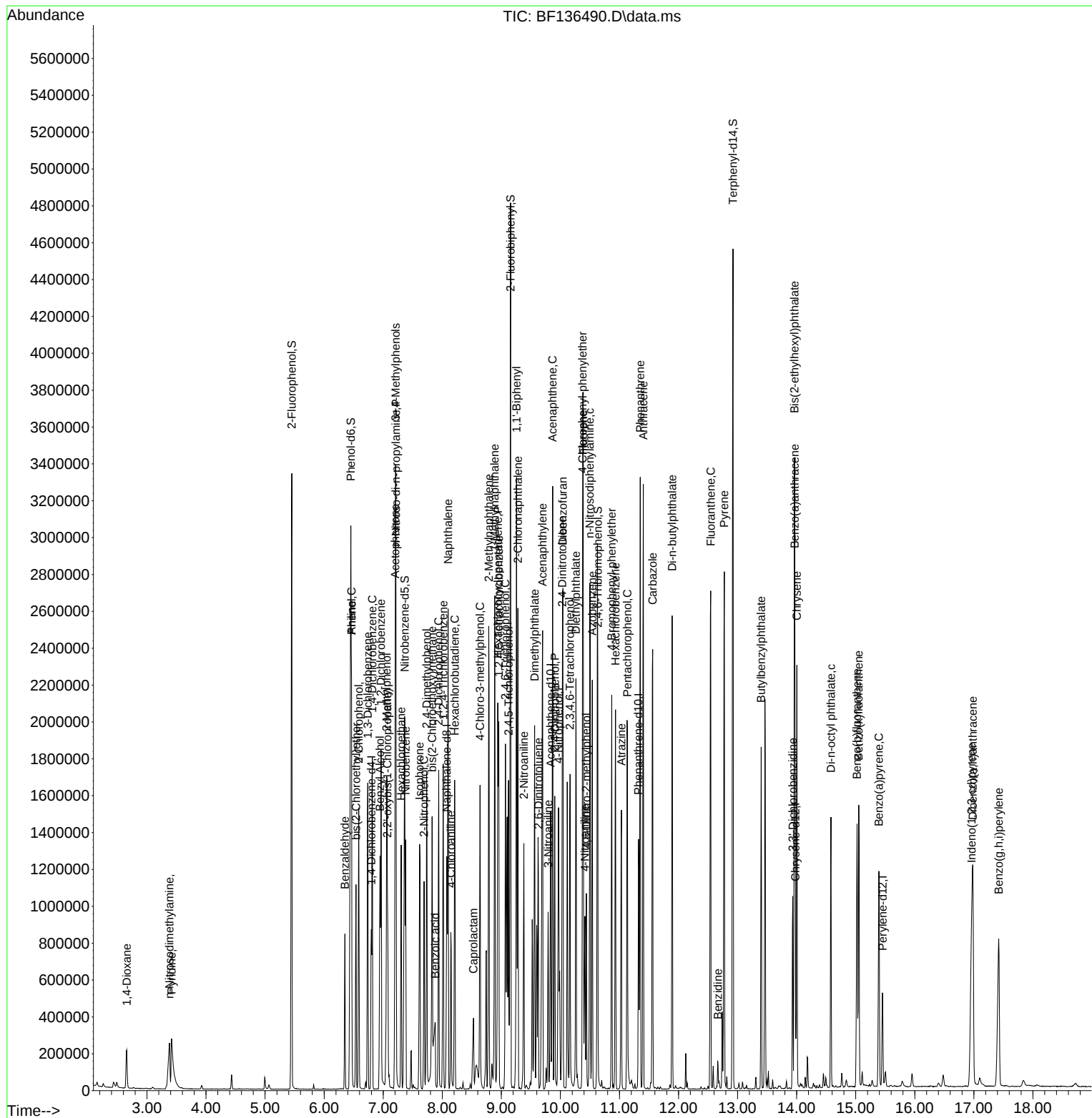
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	263830	39.475	ng	94
46) 1,1'-Biphenyl	9.257	154	961103	38.210	ng	98
47) 2-Chloronaphthalene	9.281	162	742026	37.902	ng	99
48) 2-Nitroaniline	9.381	65	210592	40.107	ng	95
49) Acenaphthylene	9.698	152	1129593	40.504	ng	99
50) Dimethylphthalate	9.563	163	871271	40.033	ng	99
51) 2,6-Dinitrotoluene	9.628	165	195084	39.844	ng	# 86
52) Acenaphthene	9.869	154	682467	38.188	ng	98
53) 3-Nitroaniline	9.792	138	157214	31.444	ng	96
54) 2,4-Dinitrophenol	9.904	184	216439	87.432	ng	# 91
55) Dibenzofuran	10.039	168	1008365	38.624	ng	98
56) 4-Nitrophenol	9.969	139	310649	82.881	ng	98
57) 2,4-Dinitrotoluene	10.034	165	255399	39.431	ng	96
58) Fluorene	10.386	166	800723	38.207	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	229173	42.807	ng	99
60) Diethylphthalate	10.263	149	832284	38.890	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	394785	38.642	ng	99
62) 4-Nitroaniline	10.416	138	193522	38.980	ng	96
63) Azobenzene	10.539	77	730519	37.502	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	146102	42.695	ng	96
66) n-Nitrosodiphenylamine	10.498	169	725802	40.936	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	253015	39.385	ng	96
68) Hexachlorobenzene	10.933	284	282484	38.045	ng	94
69) Atrazine	11.033	200	202834	40.083	ng	97
70) Pentachlorophenol	11.133	266	276373	65.952	ng	97
71) Phenanthrene	11.351	178	1217841	40.100	ng	99
72) Anthracene	11.404	178	1222498	39.965	ng	99
73) Carbazole	11.563	167	1054375	38.944	ng	99
74) Di-n-butylphthalate	11.892	149	1259629	37.952	ng	100
75) Fluoranthene	12.545	202	1178516	37.030	ng	99
77) Benzidine	12.669	184	63527	15.677	ng	98
78) Pyrene	12.775	202	1179816	43.114	ng	98
80) Butylbenzylphthalate	13.398	149	410841	42.175	ng	96
81) Benzo(a)anthracene	13.969	228	803091	41.262	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	221919	40.666	ng	97
83) Chrysene	14.004	228	759005	39.637	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	473148	39.620	ng	99
85) Di-n-octyl phthalate	14.580	149	694933	39.396	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	834889	50.687	ng	99
88) Benzo(b)fluoranthene	15.021	252	734964	45.338	ng	99
89) Benzo(k)fluoranthene	15.051	252	622928	40.775	ng	99
90) Benzo(a)pyrene	15.392	252	615293	45.960	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	693724	51.409	ng	99
92) Benzo(g,h,i)perylene	17.421	276	700206	50.555	ng	99

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

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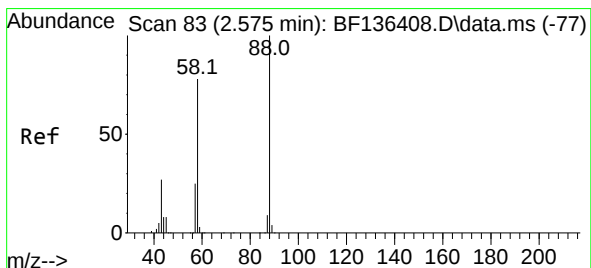
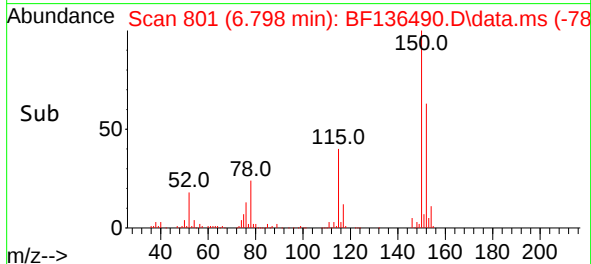
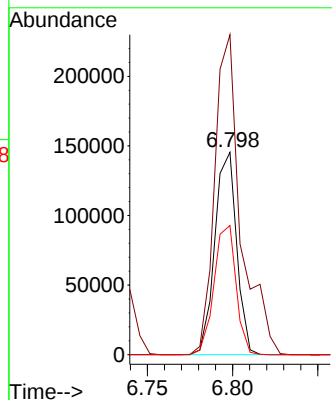
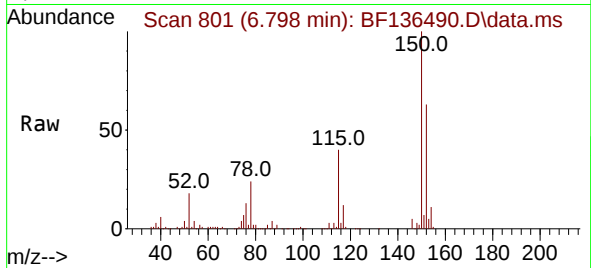




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136490.D
 Acq: 11 Dec 2023 14:59

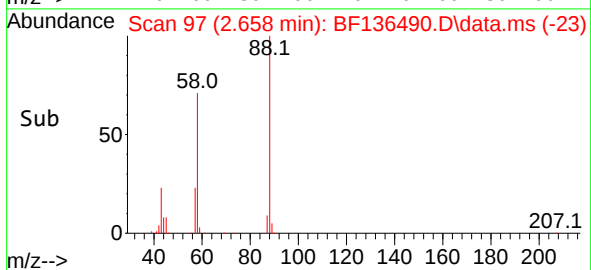
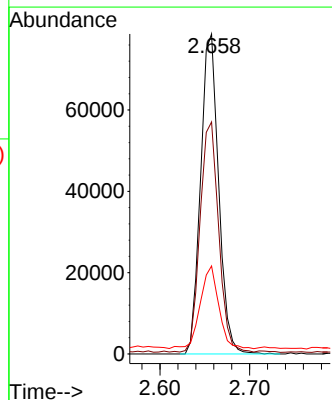
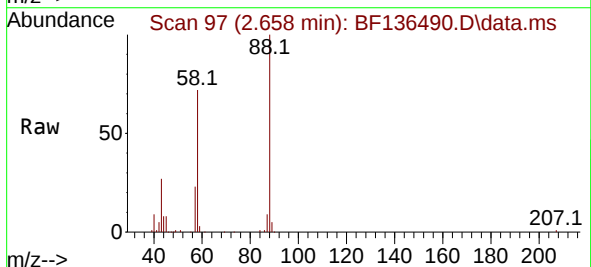
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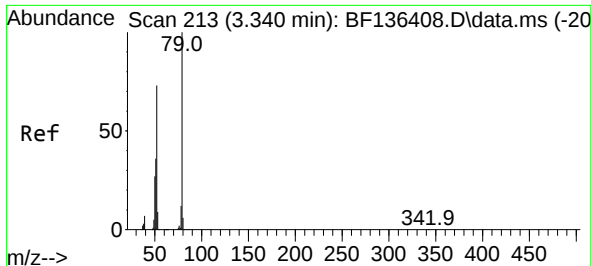
Tgt Ion:152 Resp: 129857
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.4 189.6
 115 63.8 48.2 72.4



#2
 1,4-Dioxane
 Concen: 31.533 ng
 RT: 2.658 min Scan# 97
 Delta R.T. 0.082 min
 Lab File: BF136490.D
 Acq: 11 Dec 2023 14:59

Tgt Ion: 88 Resp: 109667
 Ion Ratio Lower Upper
 88 100
 58 73.9 62.2 93.2
 43 26.6 21.5 32.3

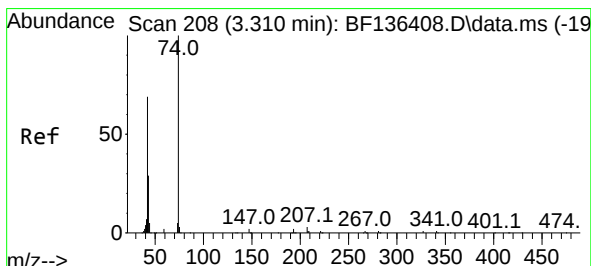
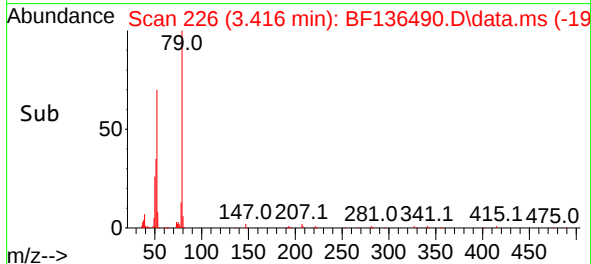
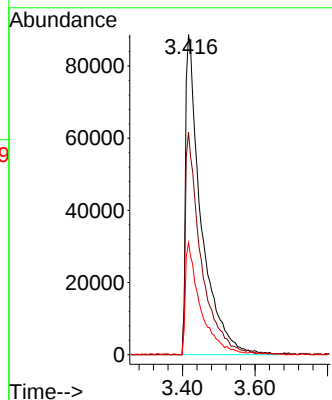
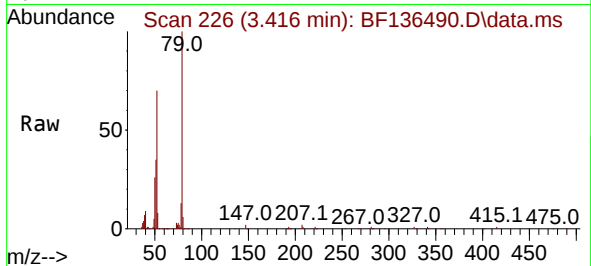




#3
Pyridine
Concen: 31.330 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

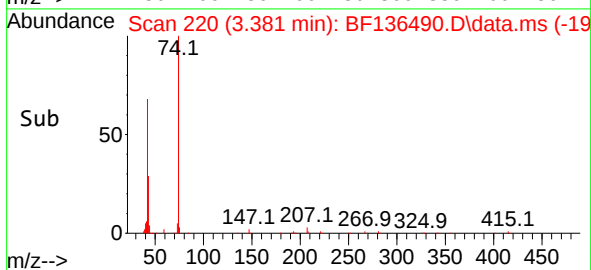
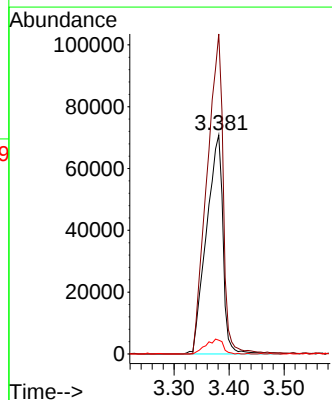
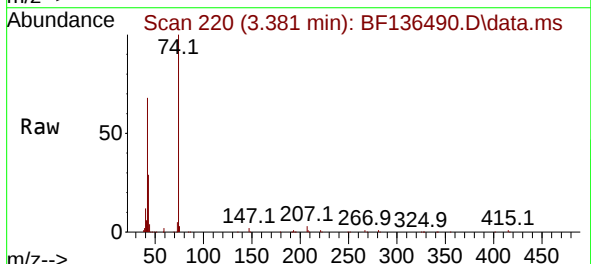
Instrument :
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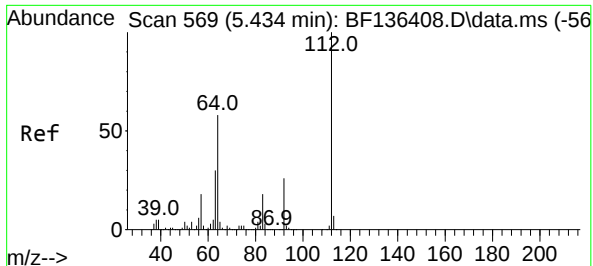
Tgt Ion: 79 Resp: 263877
Ion Ratio Lower Upper
79 100
52 69.5 58.2 87.2
51 34.9 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 40.443 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.071 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion: 42 Resp: 147988
Ion Ratio Lower Upper
42 100
74 146.2 115.4 173.0
44 6.3 6.2 9.2

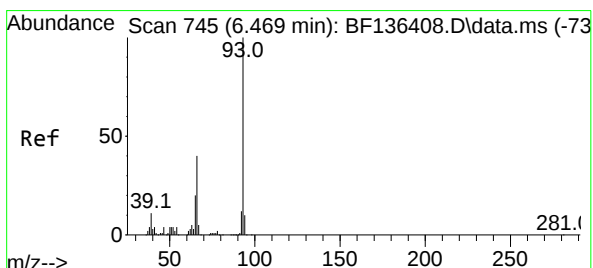
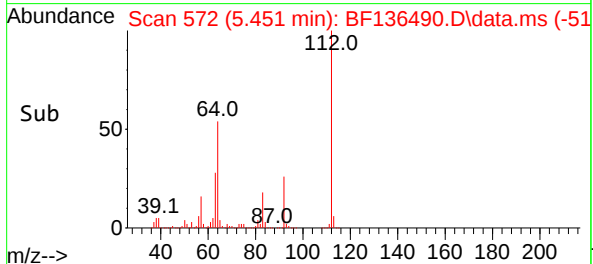
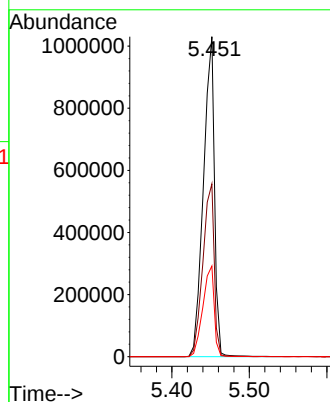
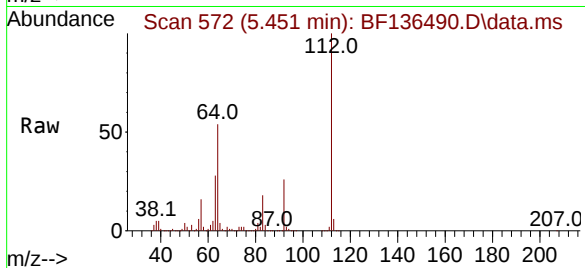




#5
2-Fluorophenol
Concen: 115.614 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

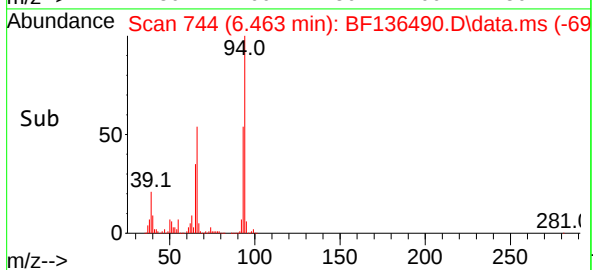
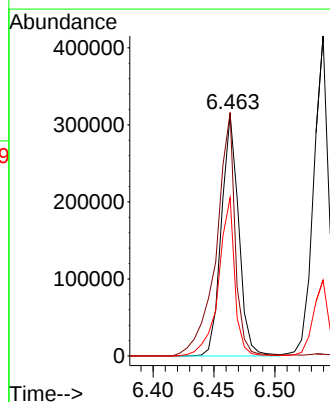
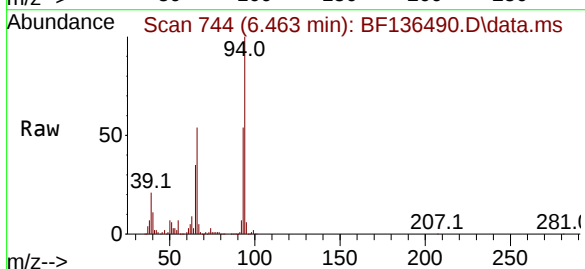
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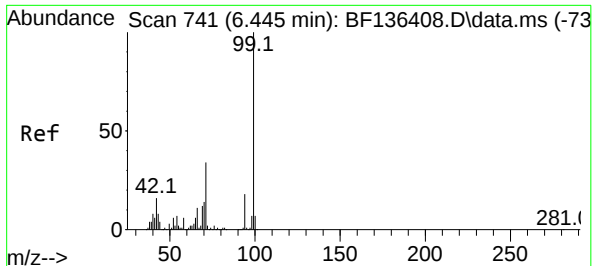
Tgt Ion:112 Resp: 1016587
Ion Ratio Lower Upper
112 100
64 54.0 46.5 69.7
63 28.4 23.9 35.9



#6
Aniline
Concen: 27.904 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion: 93 Resp: 309368
Ion Ratio Lower Upper
93 100
66 100.7 32.5 48.7#
65 65.4 16.4 24.6#

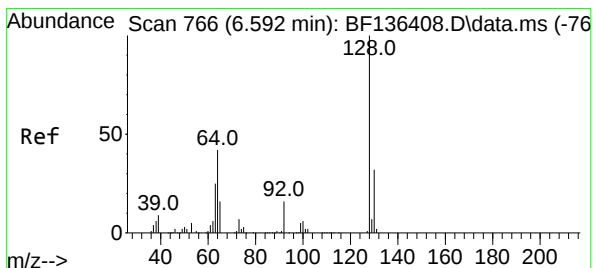
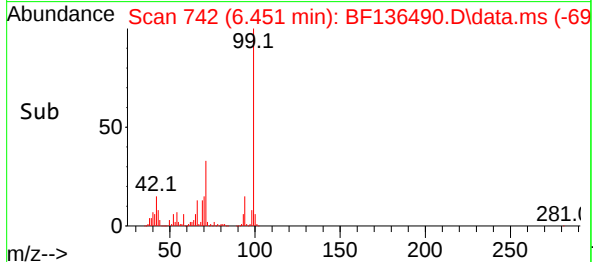
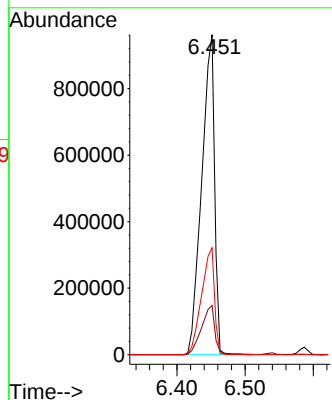
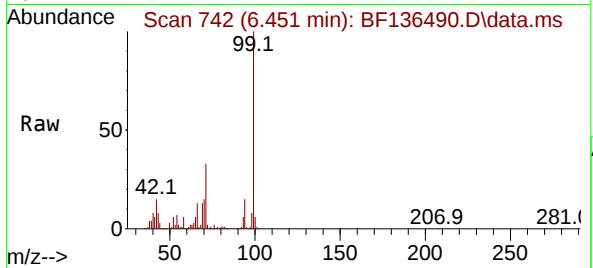




#7
Phenol-d6
Concen: 114.860 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

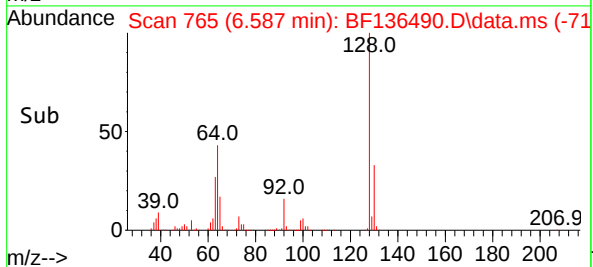
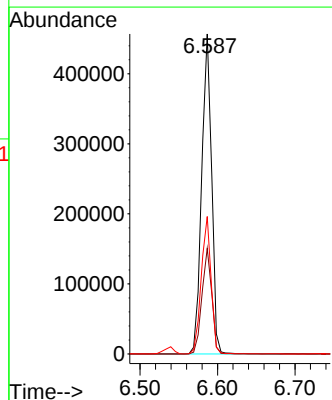
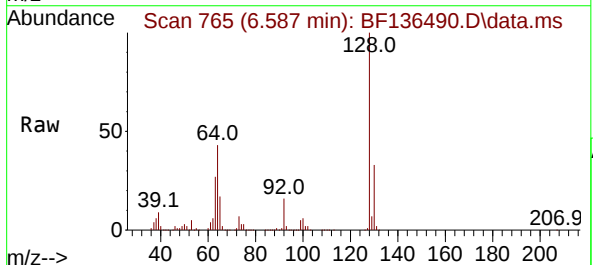
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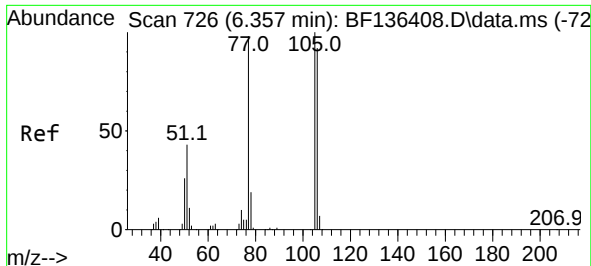
Tgt Ion: 99 Resp: 1260087
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 33.4 27.0 40.4



#8
2-Chlorophenol
Concen: 42.297 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136490.D
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Tgt Ion:128 Resp: 406025
Ion Ratio Lower Upper
128 100
130 33.0 11.7 51.7
64 43.0 22.5 62.5

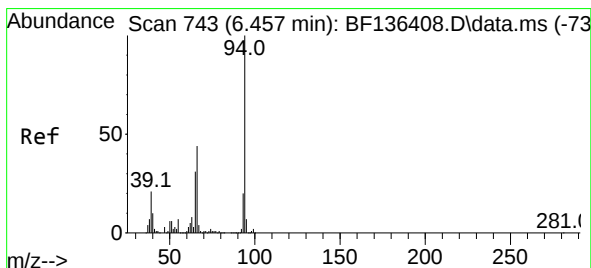
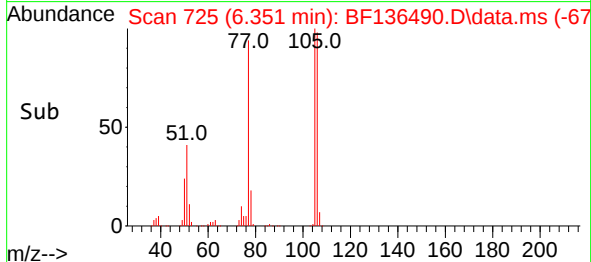
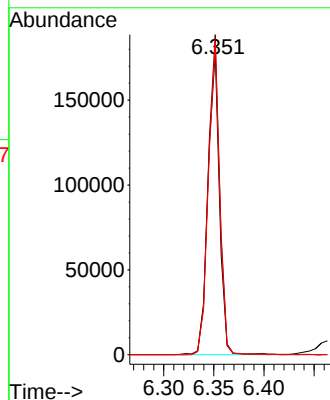
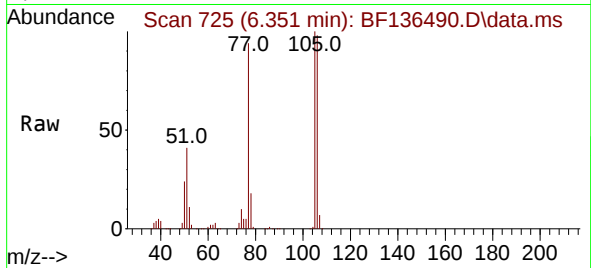




#9
Benzaldehyde
Concen: 23.103 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
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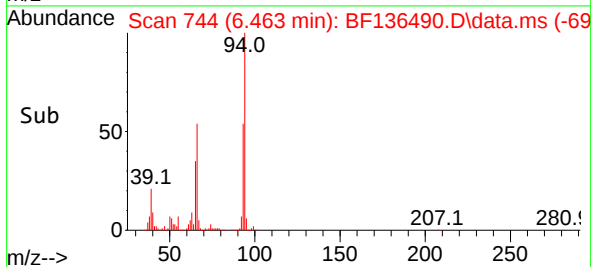
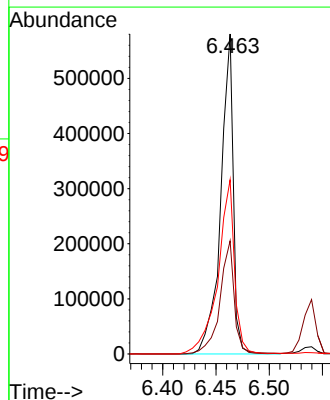
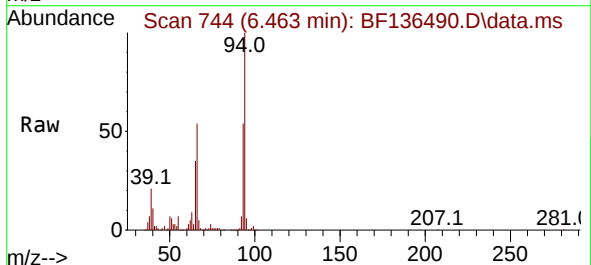
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Tgt Ion: 77 Resp: 142121
Ion Ratio Lower Upper
77 100
105 106.0 82.5 122.5
106 103.6 74.5 114.5



#10
Phenol
Concen: 40.648 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 474512
Ion Ratio Lower Upper
94 100
65 35.4 11.2 51.2
66 54.4 24.2 64.2

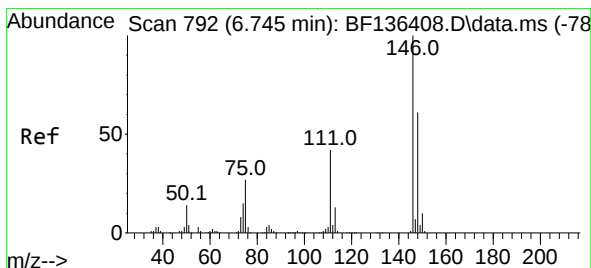
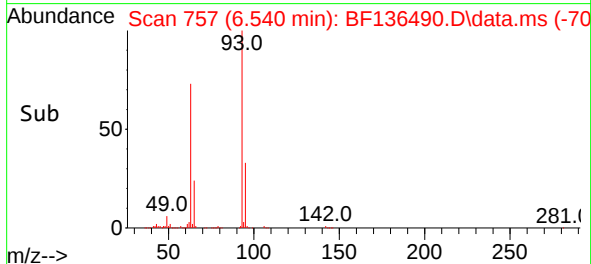
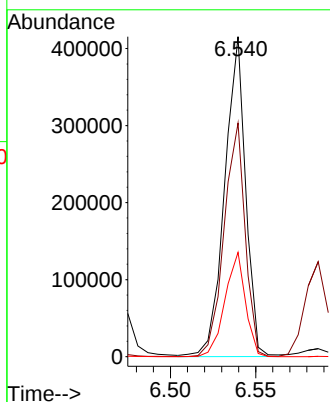
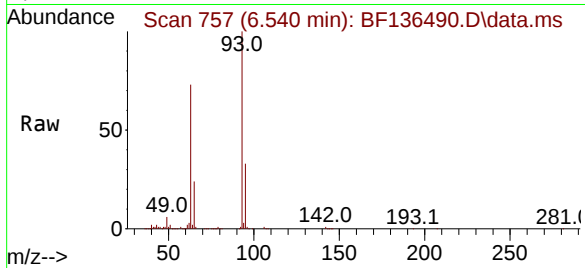




#11
bis(2-Chloroethyl)ether
Concen: 40.935 ng
RT: 6.540 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

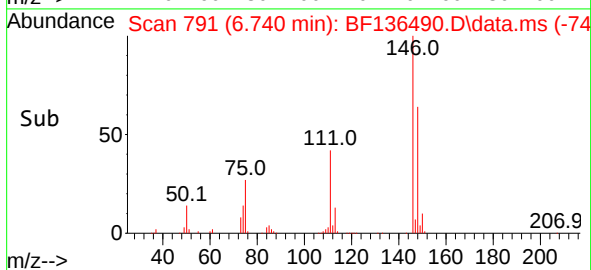
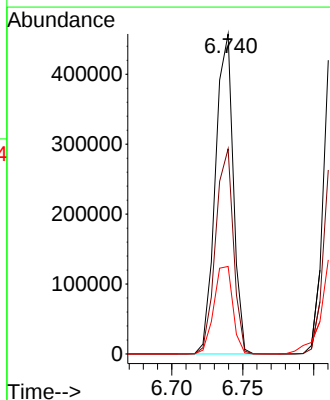
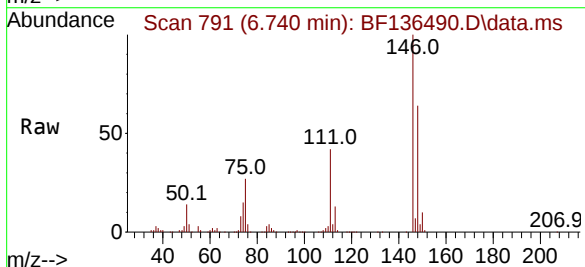
Instrument :
BNA_F
ClientSampleId :
PB157390BS

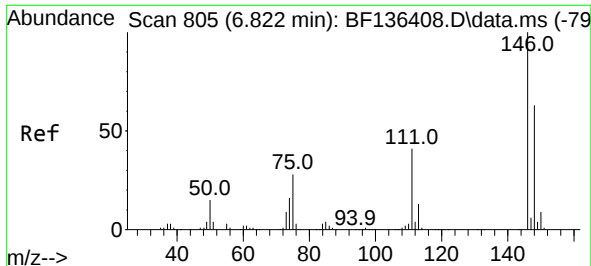
Tgt Ion: 93 Resp: 356196
Ion Ratio Lower Upper
93 100
63 73.0 56.8 96.8
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.981 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion: 146 Resp: 399227
Ion Ratio Lower Upper
146 100
148 64.1 49.0 73.6
75 27.4 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 38.075 ng

RT: 6.816 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

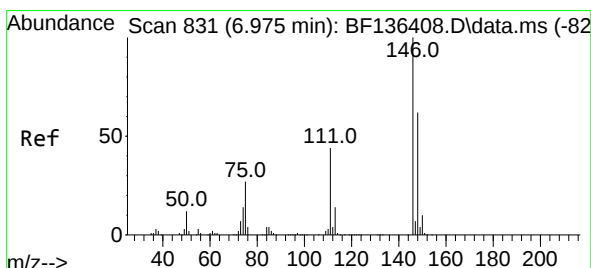
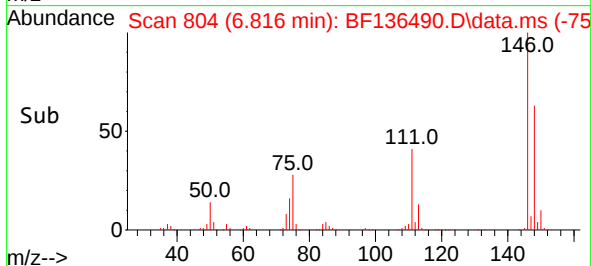
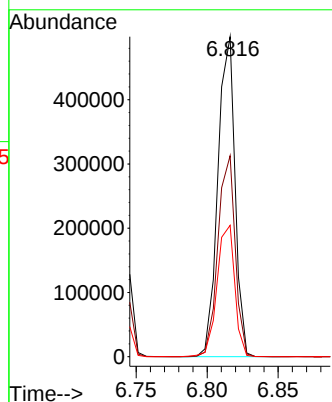
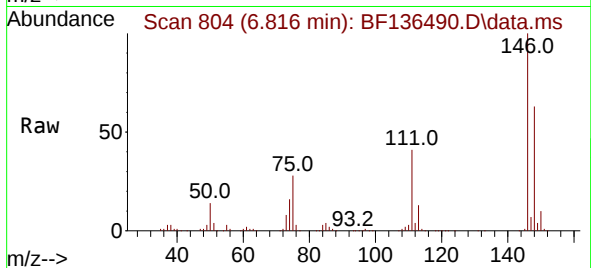
Tgt Ion:146 Resp: 416958

Ion Ratio Lower Upper

146 100

148 62.8 50.3 75.5

111 41.1 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 38.273 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.012 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

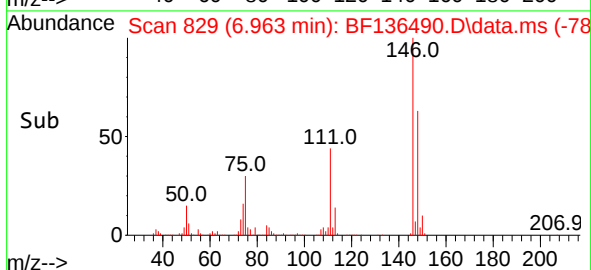
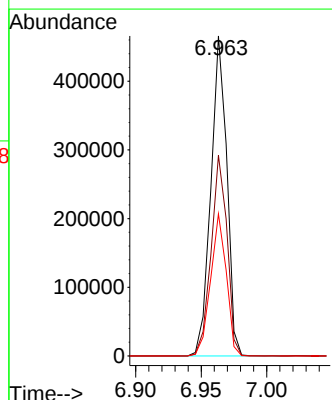
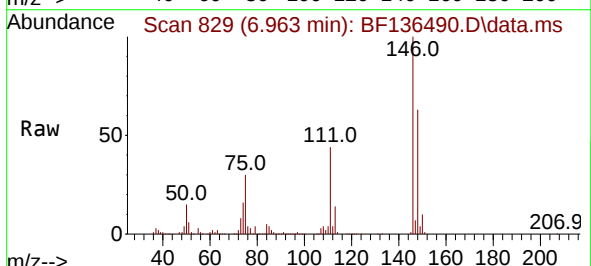
Tgt Ion:146 Resp: 394129

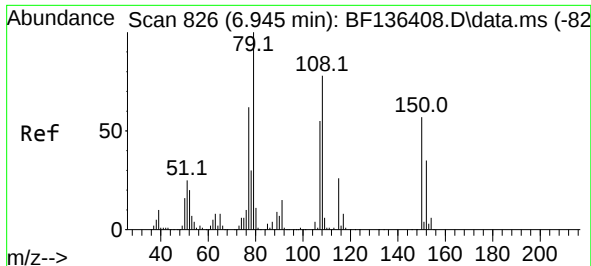
Ion Ratio Lower Upper

146 100

148 62.7 49.8 74.6

111 44.4 34.9 52.3

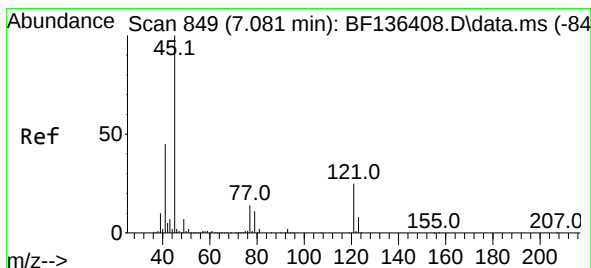
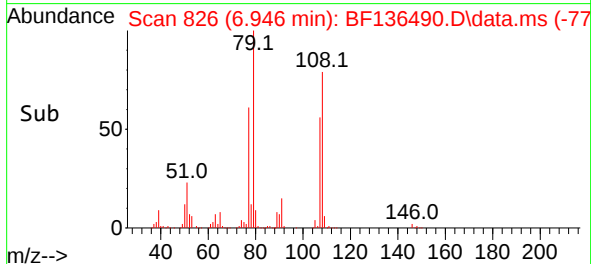
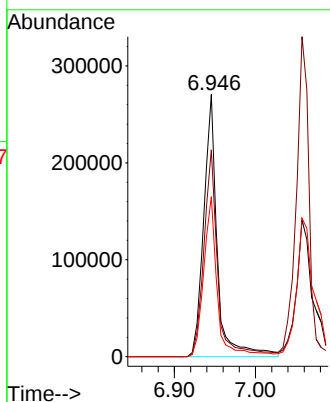
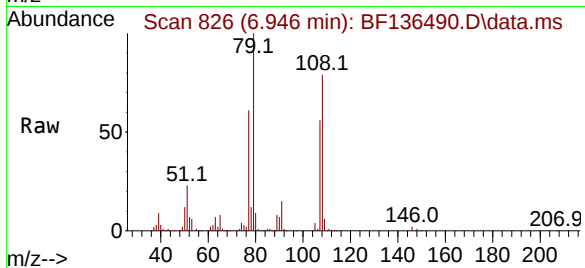




#15
Benzyl Alcohol
Concen: 42.811 ng
RT: 6.946 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

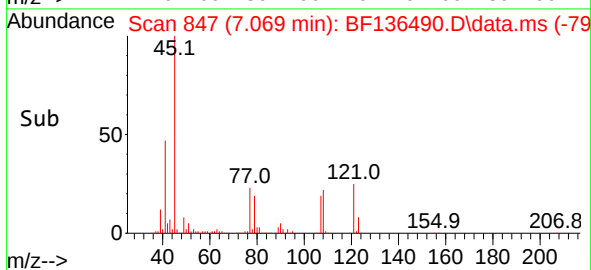
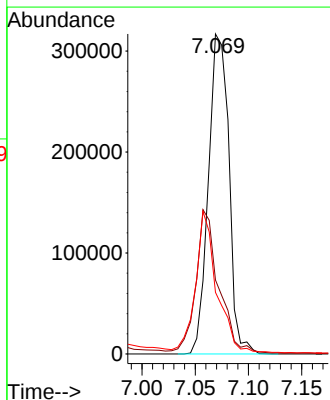
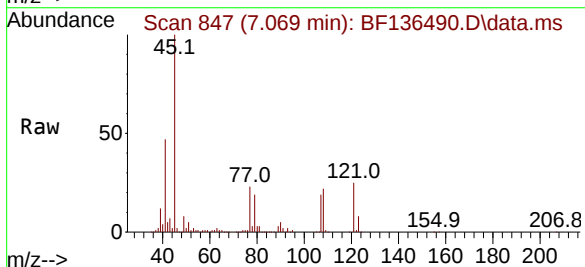
Instrument :
BNA_F
ClientSampleId :
PB157390BS

Tgt Ion: 79 Resp: 314502
Ion Ratio Lower Upper
79 100
108 78.9 62.3 93.5
77 61.0 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.972 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion: 45 Resp: 424953
Ion Ratio Lower Upper
45 100
77 23.1 0.0 35.3
79 19.2 0.0 32.5

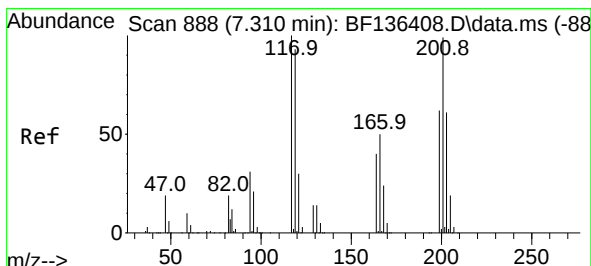
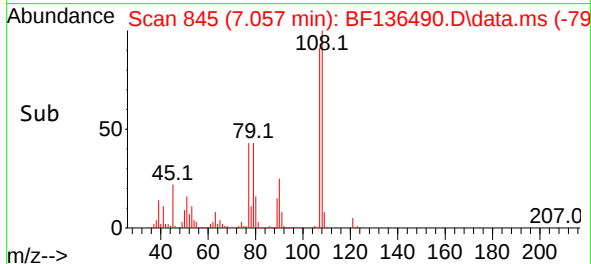
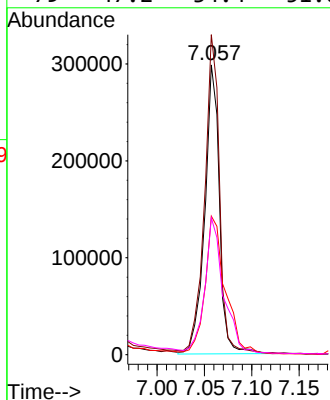
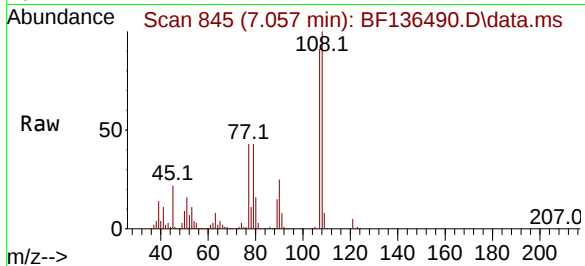




#17
2-Methylphenol
Concen: 41.503 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

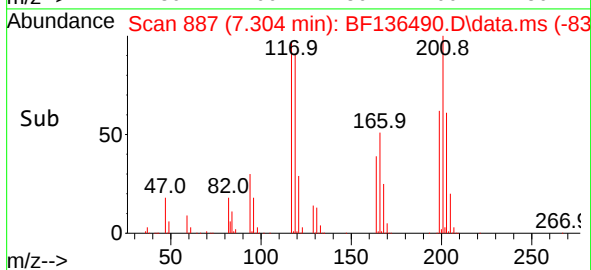
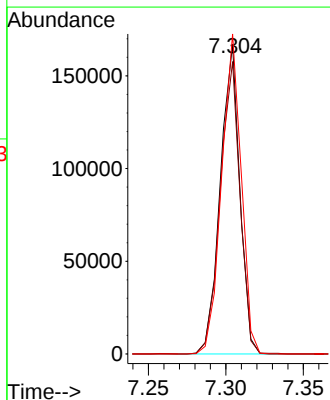
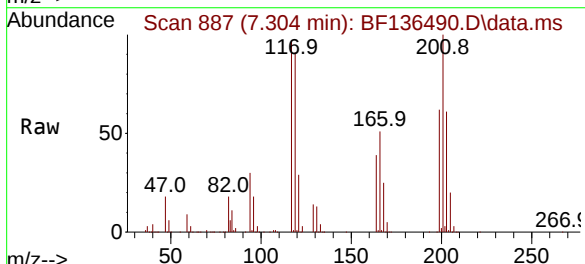
Instrument :
BNA_F
ClientSampleId :
PB157390BS

Tgt Ion:	107	Resp:	321865
Ion	Ratio	Lower	Upper
107	100		
108	110.4	86.5	129.7
77	47.8	33.8	50.8
79	47.2	34.4	51.6



#18
Hexachloroethane
Concen: 38.171 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:	117	Resp:	145940
Ion	Ratio	Lower	Upper
117	100		
119	94.4	74.3	111.5
201	103.3	79.3	118.9



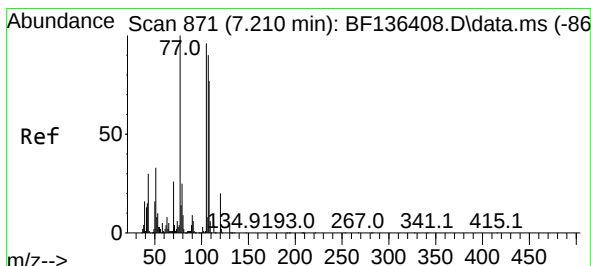
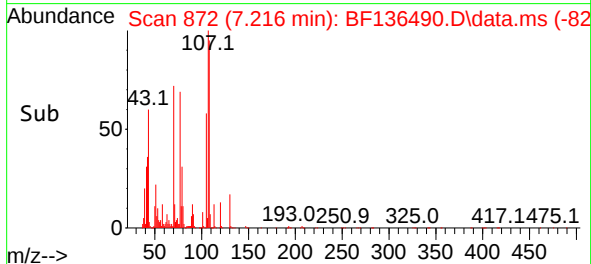
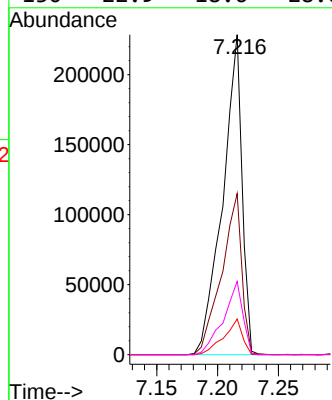
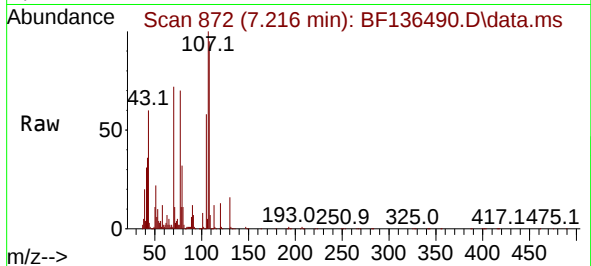


#19
n-Nitroso-di-n-propylamine
Concen: 39.874 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :
BNA_F
ClientSampleId :
PB157390BS

Tgt Ion: 70 Resp: 252340

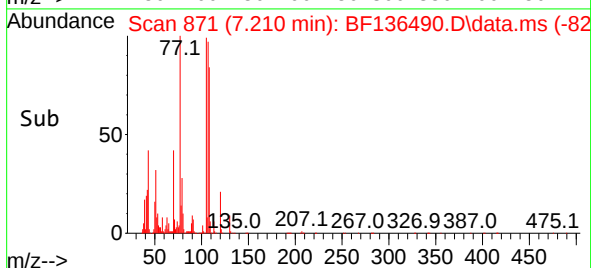
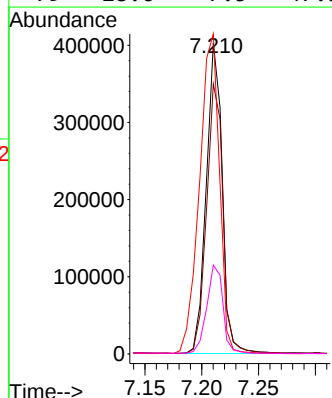
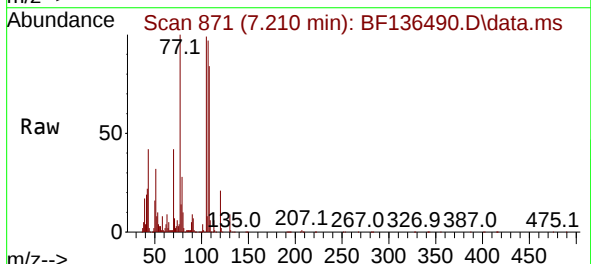
Ion	Ratio	Lower	Upper
70	100		
42	50.3	41.4	62.0
101	11.2	8.2	12.4
130	22.9	18.6	28.0

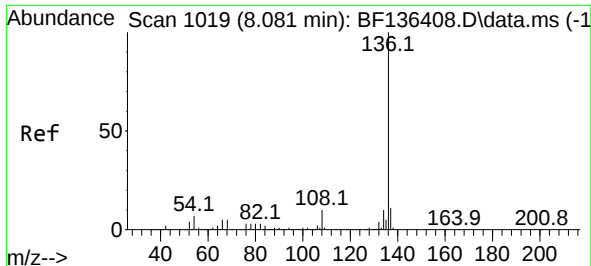


#20
3+4-Methylphenols
Concen: 40.693 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion: 107 Resp: 391710

Ion	Ratio	Lower	Upper
107	100		
108	86.8	65.9	105.9
77	102.9	91.7	131.7
79	28.6	7.5	47.5

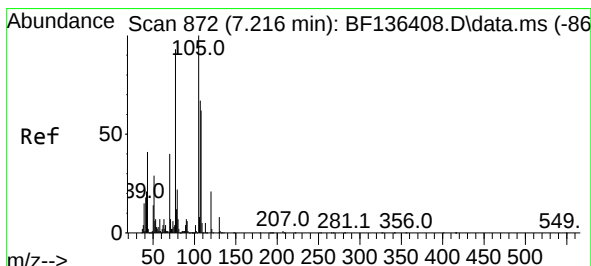
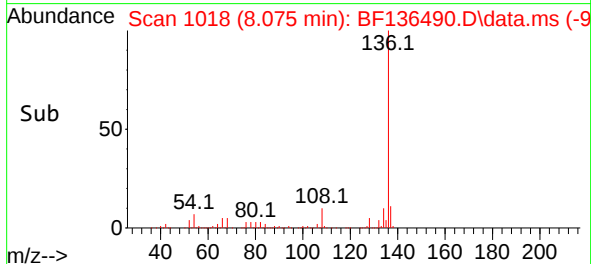
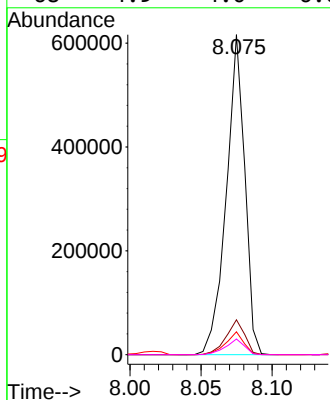
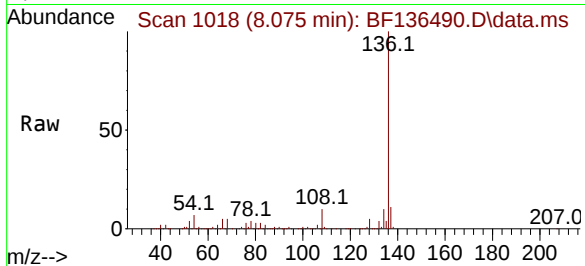




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

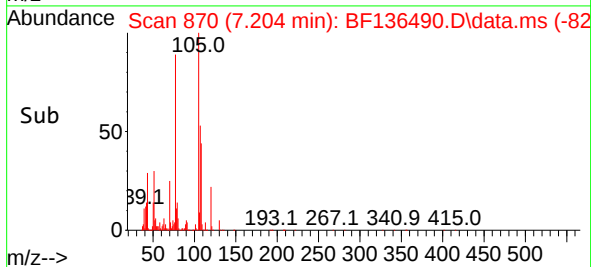
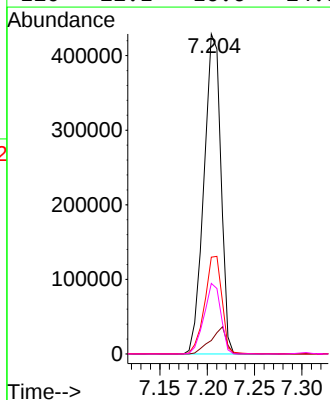
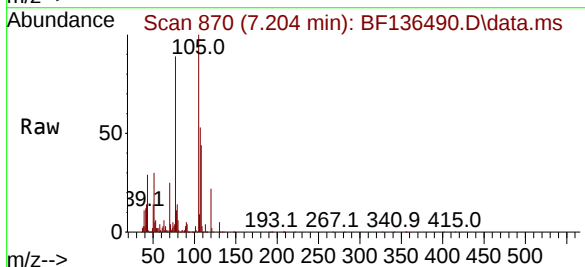
Instrument :
BNA_F
ClientSampleId :
PB157390BS

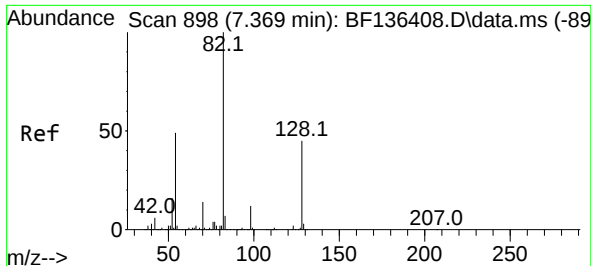
Tgt Ion:136 Resp: 558008
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.2 5.7 8.5
68 4.9 4.0 6.0



#22
Acetophenone
Concen: 38.805 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:105 Resp: 534710
Ion Ratio Lower Upper
105 100
71 4.2 5.4 8.0#
51 30.2 23.4 35.2
120 22.1 16.6 24.8





#23

Nitrobenzene-d5

Concen: 72.951 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

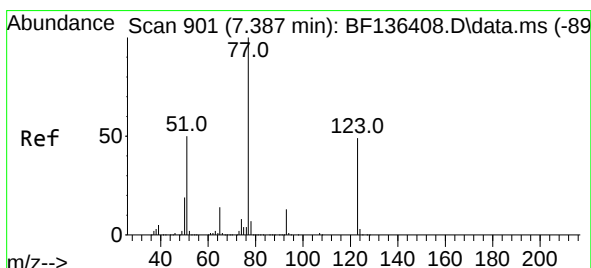
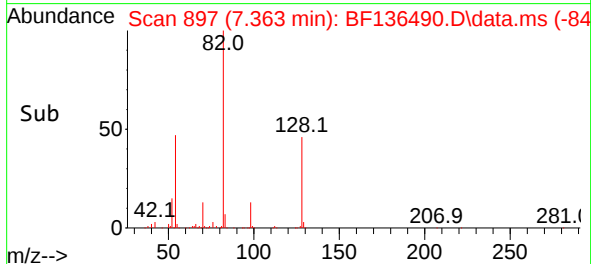
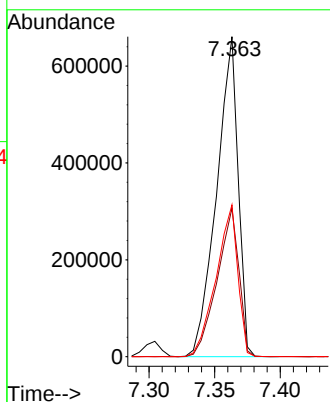
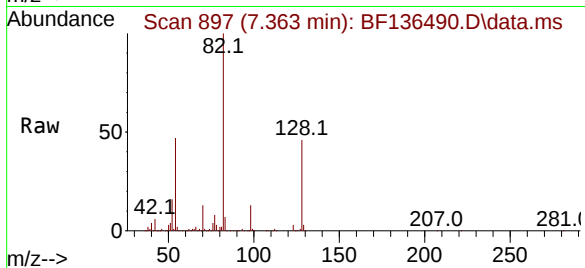
Tgt Ion: 82 Resp: 753001

Ion Ratio Lower Upper

82 100

128 46.4 36.3 54.5

54 47.4 39.0 58.6



#24

Nitrobenzene

Concen: 37.394 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

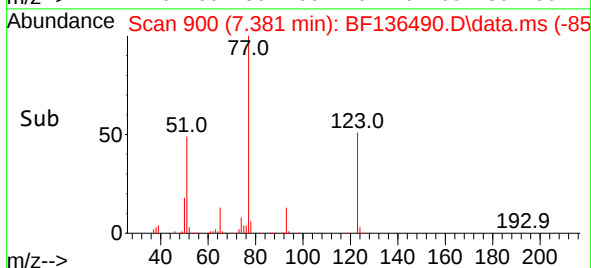
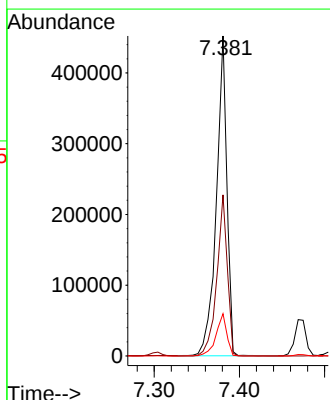
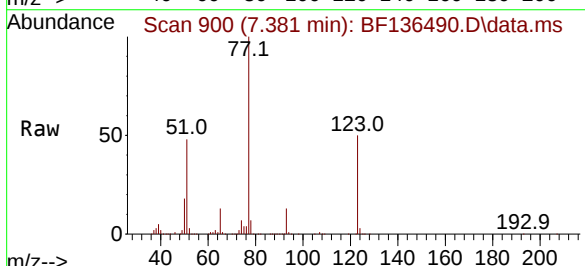
Tgt Ion: 77 Resp: 388288

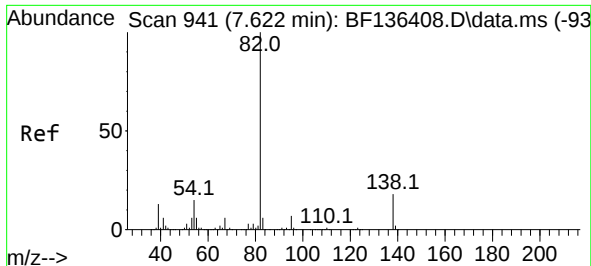
Ion Ratio Lower Upper

77 100

123 50.4 39.0 58.6

65 13.2 11.3 16.9

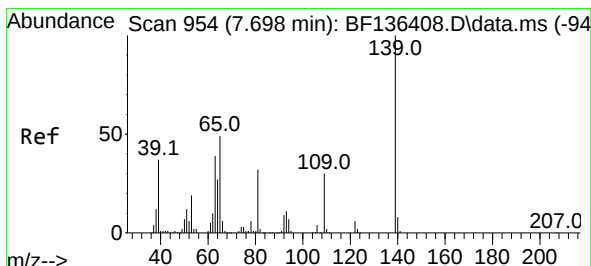
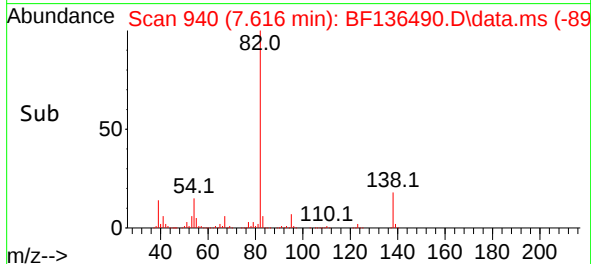
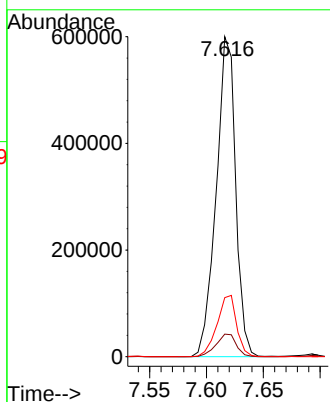
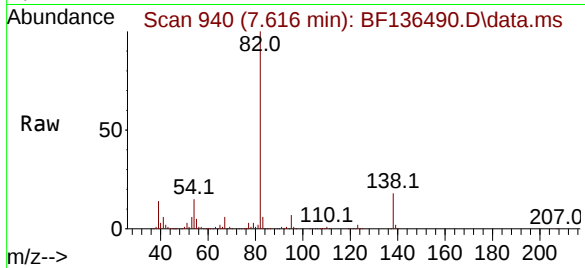




#25
Isophorone
Concen: 38.588 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

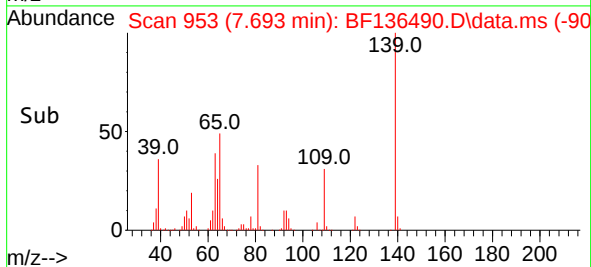
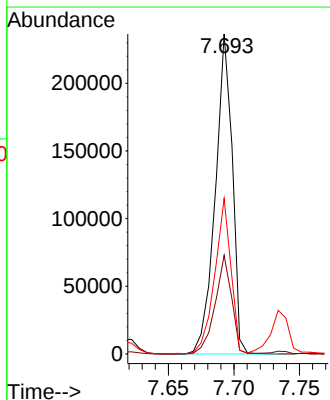
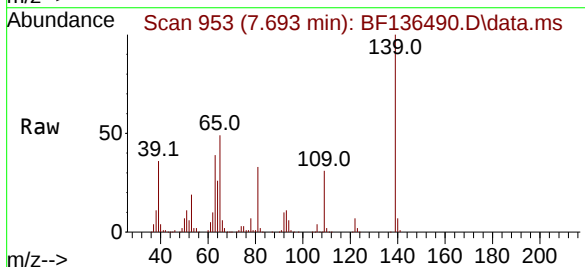
Instrument :
BNA_F
ClientSampleId :
PB157390BS

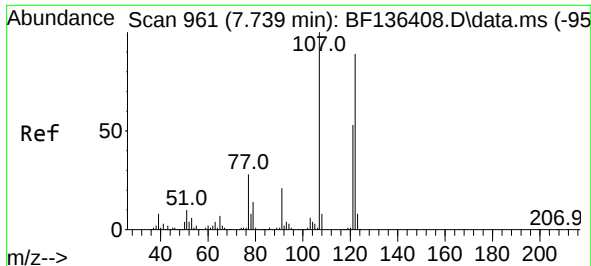
Tgt Ion: 82 Resp: 715584
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.4 14.5 21.7



#26
2-Nitrophenol
Concen: 41.538 ng
RT: 7.693 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion: 139 Resp: 212042
Ion Ratio Lower Upper
139 100
109 30.8 23.6 35.4
65 48.6 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 51.581 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

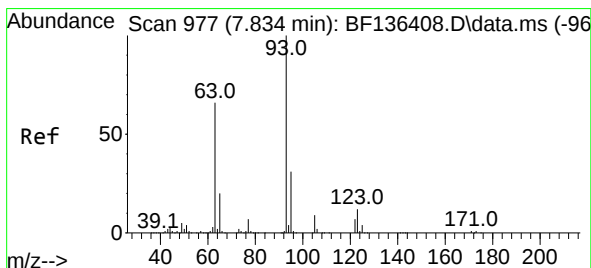
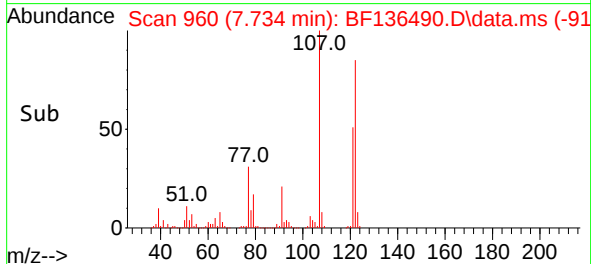
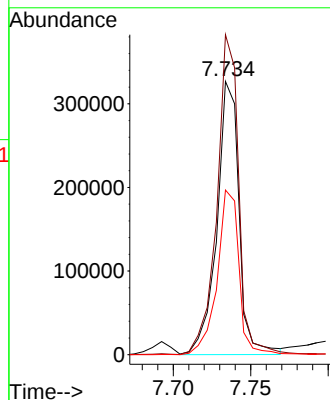
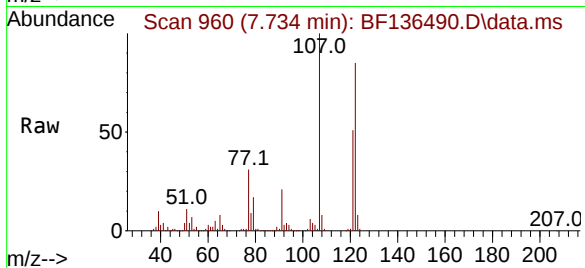
Tgt Ion:122 Resp: 324676

Ion Ratio Lower Upper

122 100

107 117.1 89.3 133.9

121 60.3 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.423 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

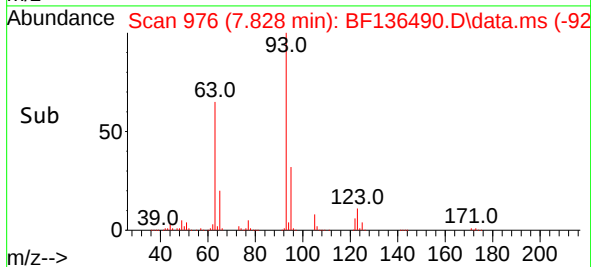
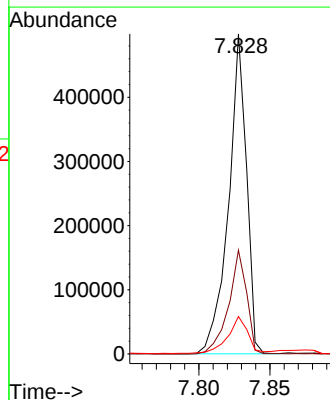
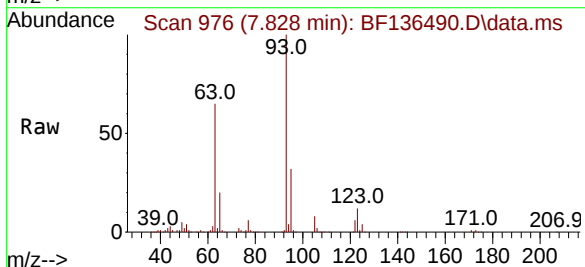
Tgt Ion: 93 Resp: 437837

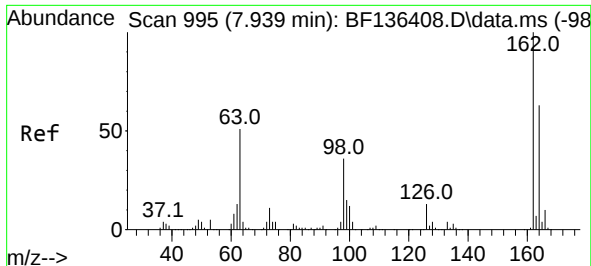
Ion Ratio Lower Upper

93 100

95 32.4 25.0 37.4

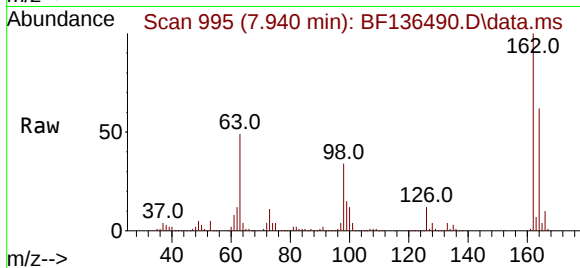
123 11.7 9.4 14.0



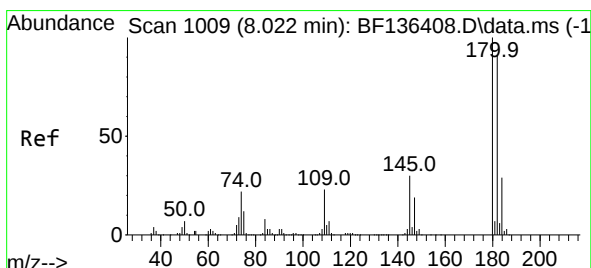
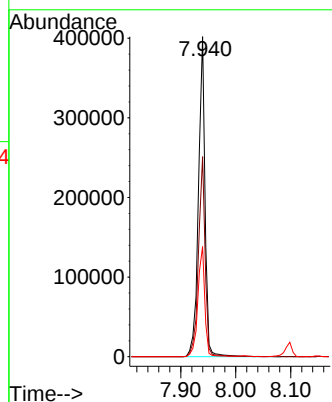
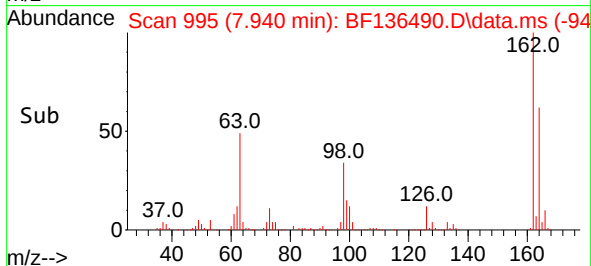


#29
2,4-Dichlorophenol
Concen: 40.345 ng
RT: 7.940 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

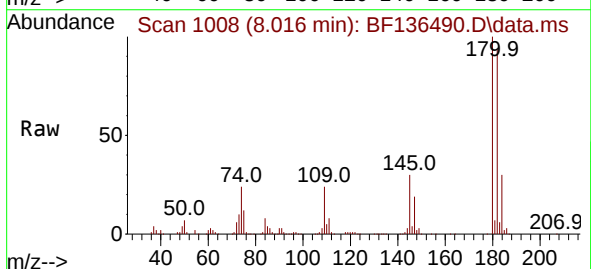
Instrument :
BNA_F
ClientSampleId :
PB157390BS



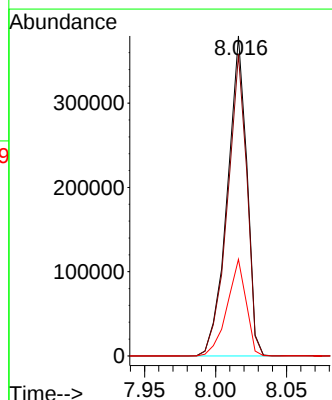
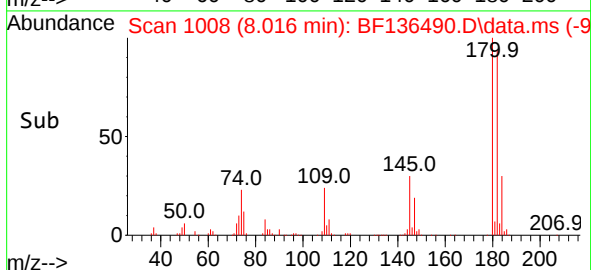
Tgt Ion:162 Resp: 335205
Ion Ratio Lower Upper
162 100
164 62.5 43.0 83.0
98 34.4 16.2 56.2

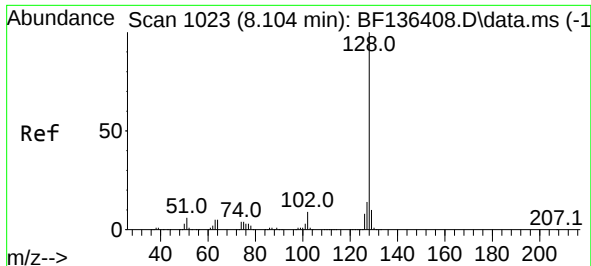


#30
1,2,4-Trichlorobenzene
Concen: 37.272 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



Tgt Ion:180 Resp: 361094
Ion Ratio Lower Upper
180 100
182 94.2 73.1 109.7
145 30.2 23.8 35.8

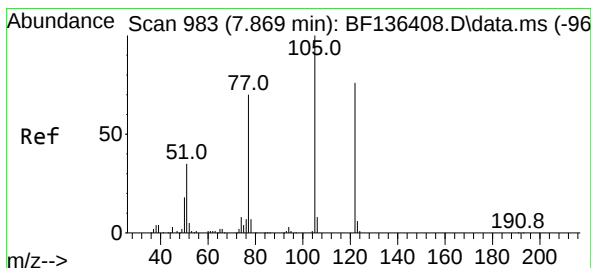
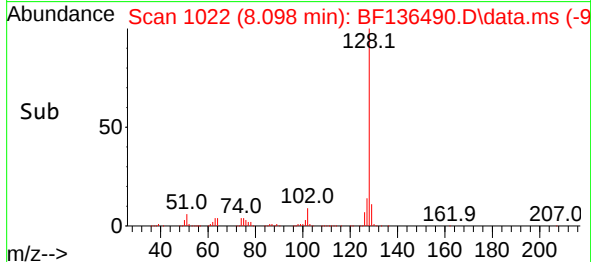
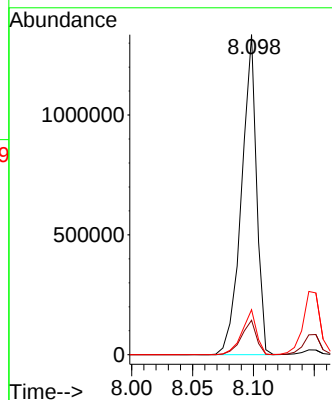
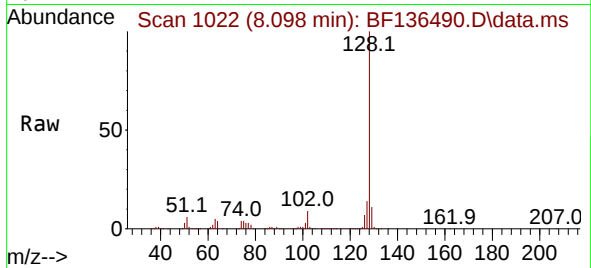




#31
Naphthalene
Concen: 37.357 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

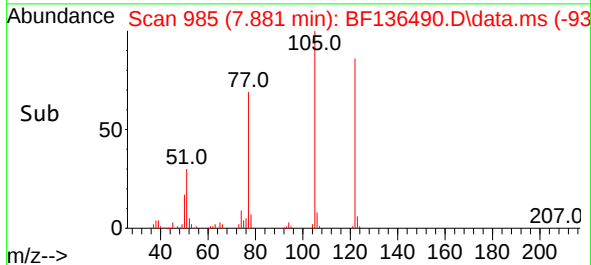
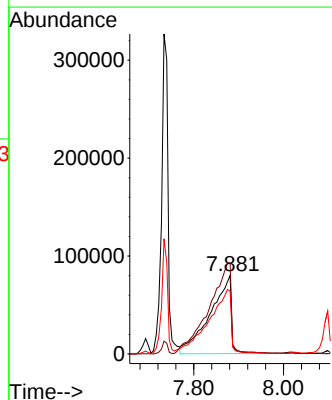
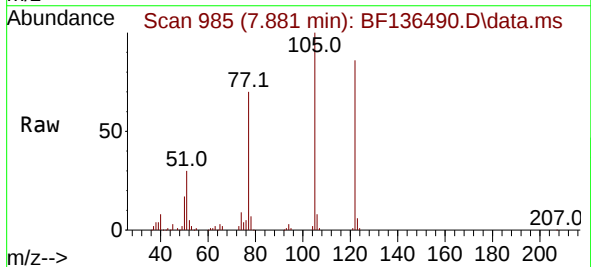
Instrument :
BNA_F
ClientSampleId :
PB157390BS

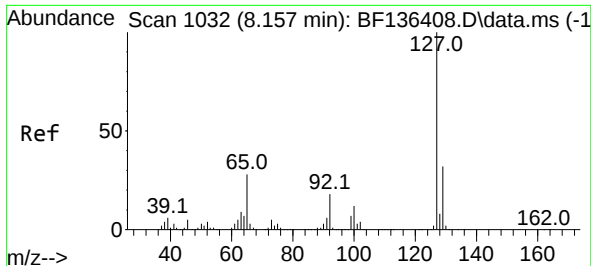
Tgt Ion:128 Resp: 1149545
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 14.1 11.1 16.7



#32
Benzoic acid
Concen: 41.828 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:122 Resp: 261185
Ion Ratio Lower Upper
122 100
105 116.1 104.7 144.7
77 80.7 68.5 108.5

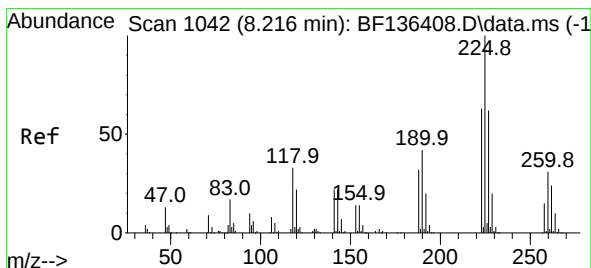
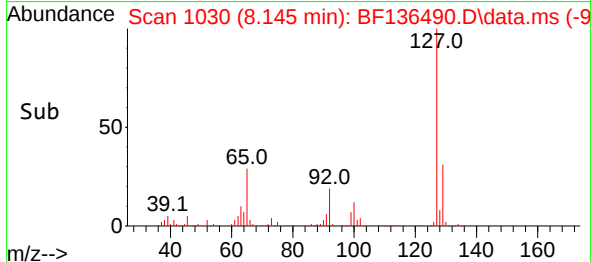
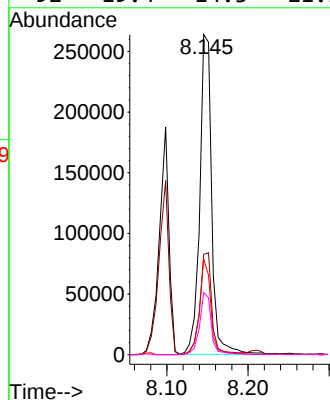
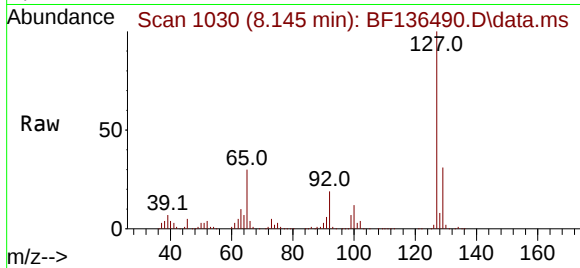




#33
4-Chloroaniline
Concen: 24.838 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

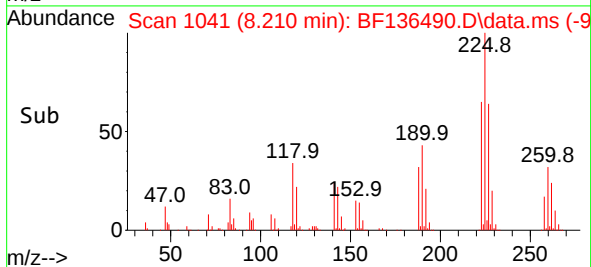
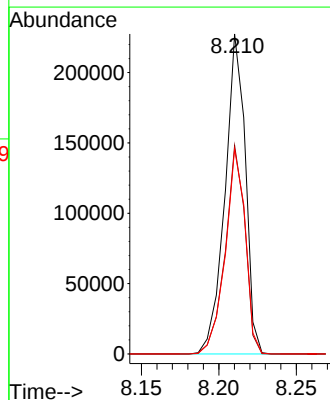
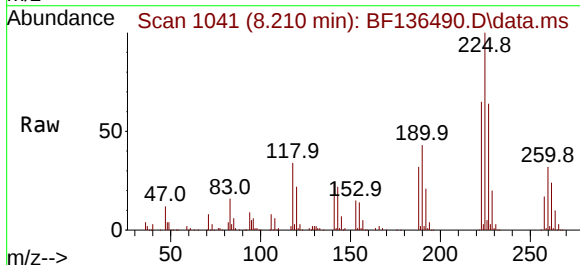
Instrument :
BNA_F
ClientSampleId :
PB157390BS

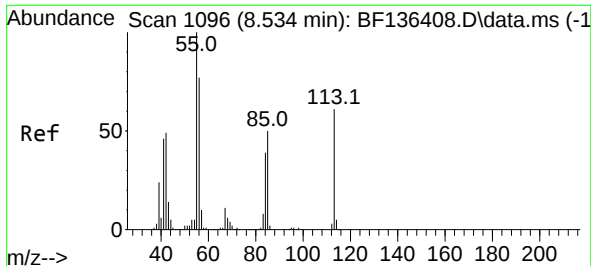
Tgt Ion:127	Resp: 272488
Ion Ratio	Lower Upper
127 100	
129 31.4	25.4 38.2
65 29.9	22.5 33.7
92 19.4	14.3 21.5



#34
Hexachlorobutadiene
Concen: 36.206 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:225	Resp: 207879
Ion Ratio	Lower Upper
225 100	
223 65.1	50.8 76.2
227 64.0	49.8 74.8

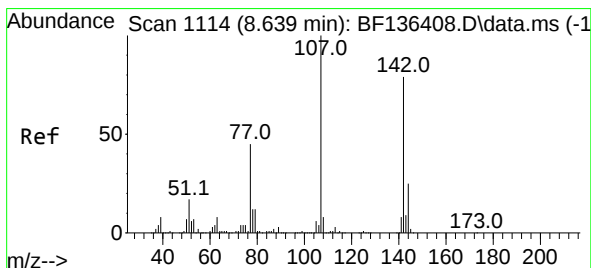
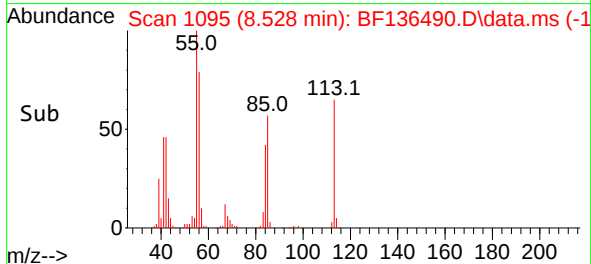
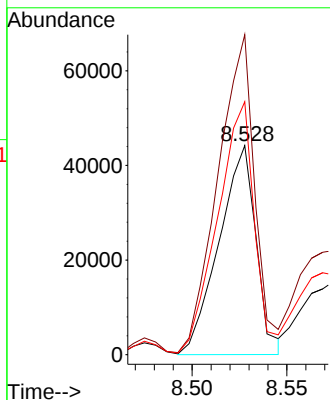
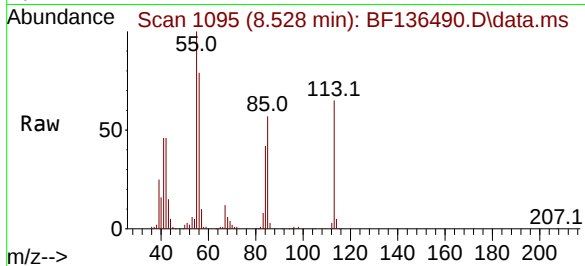




#35
 Caprolactam
 Concen: 23.440 ng
 RT: 8.528 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF136490.D
 Acq: 11 Dec 2023 14:59

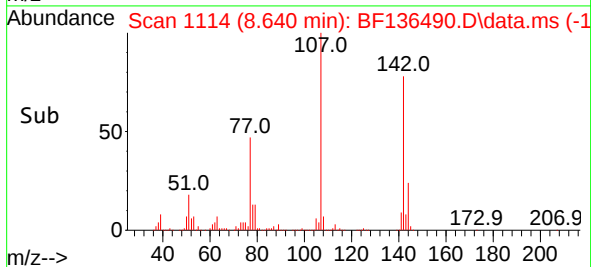
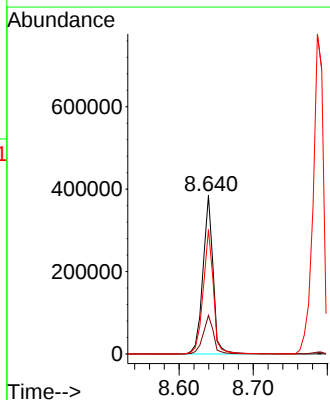
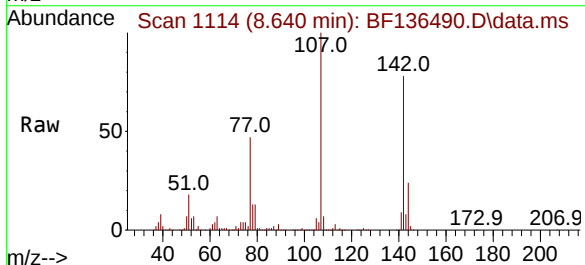
Instrument :
 BNA_F
 ClientSampleId :
 PB157390BS

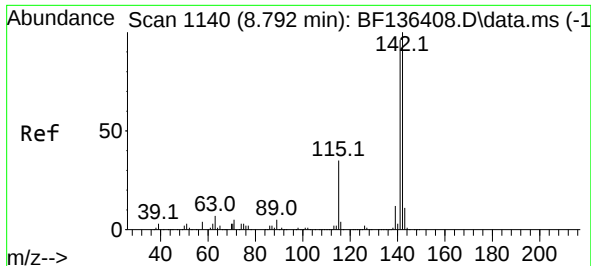
Tgt Ion:113 Resp: 59974
 Ion Ratio Lower Upper
 113 100
 55 153.0 143.7 183.7
 56 120.9 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.704 ng
 RT: 8.640 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136490.D
 Acq: 11 Dec 2023 14:59

Tgt Ion:107 Resp: 367903
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.1 30.1
 142 78.5 63.1 94.7

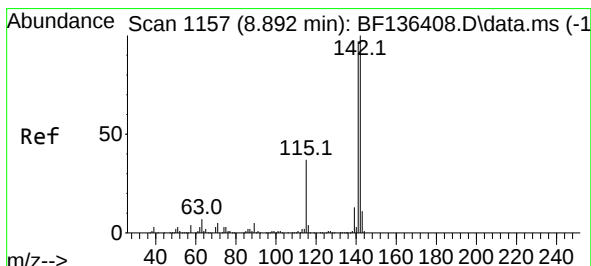
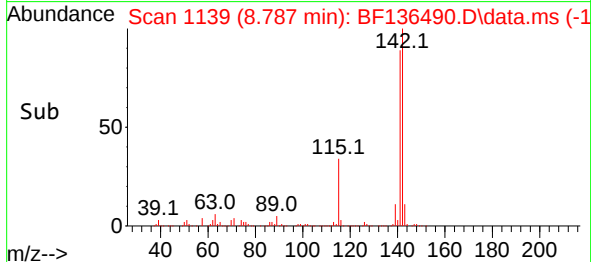
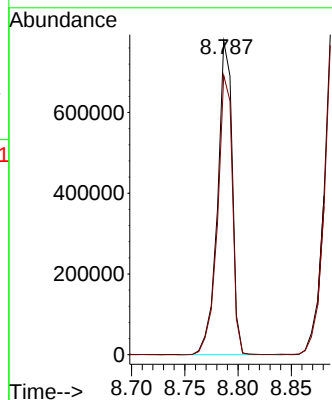
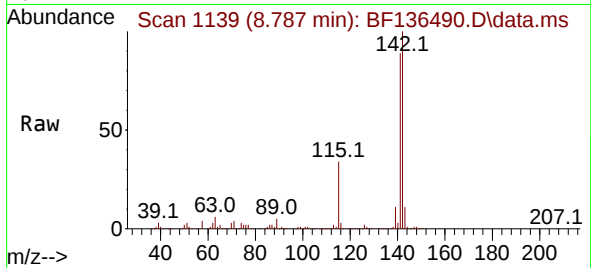




#37
2-Methylnaphthalene
Concen: 37.987 ng
RT: 8.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

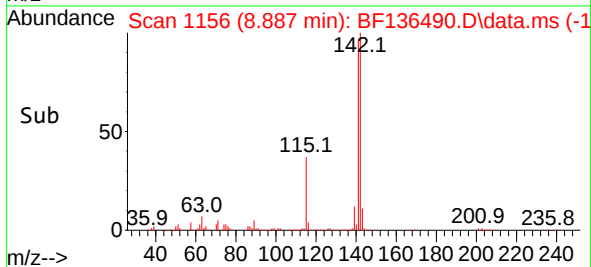
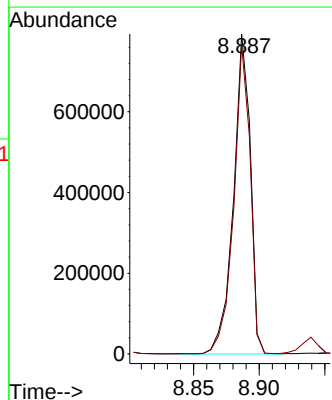
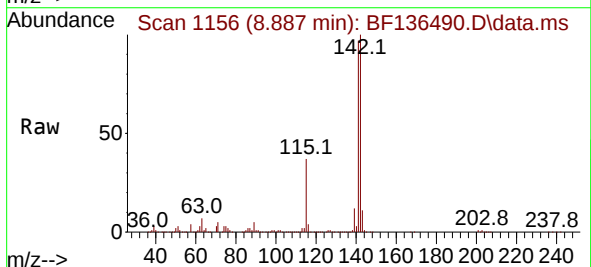
Instrument :
BNA_F
ClientSampleId :
PB157390BS

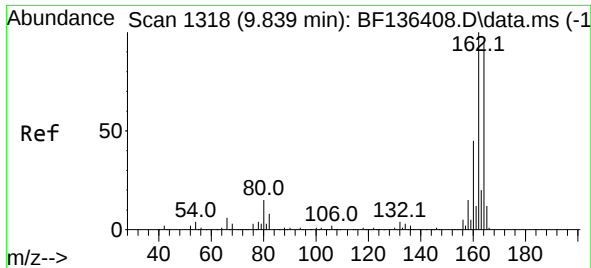
Tgt Ion:142 Resp: 743670
Ion Ratio Lower Upper
142 100
141 89.0 76.4 114.6



#38
1-Methylnaphthalene
Concen: 37.044 ng
RT: 8.887 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:142 Resp: 711631
Ion Ratio Lower Upper
142 100
141 96.7 77.7 116.5

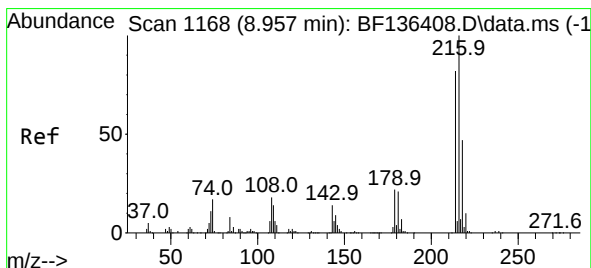
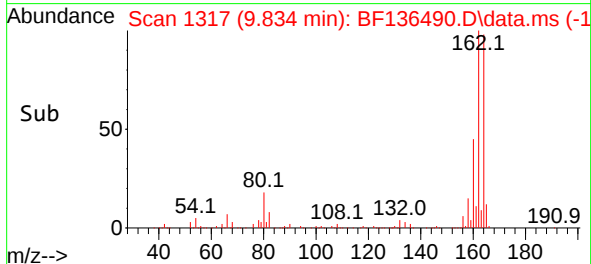
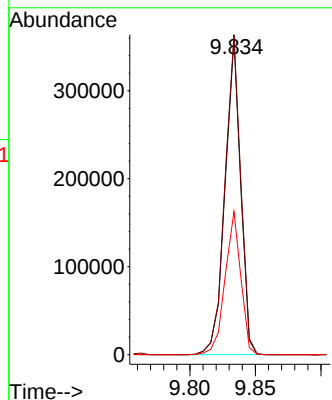
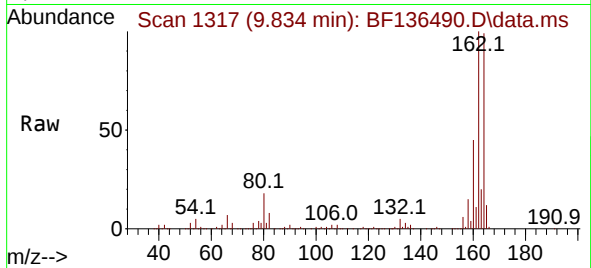




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

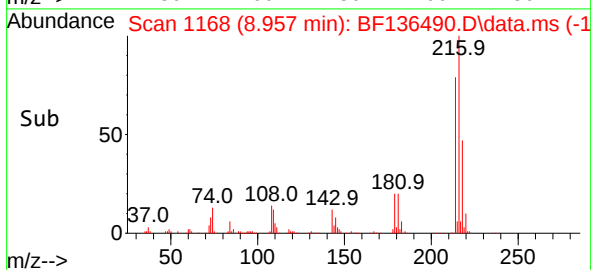
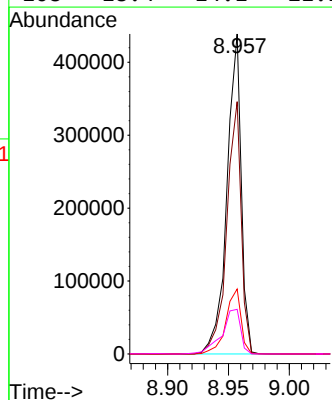
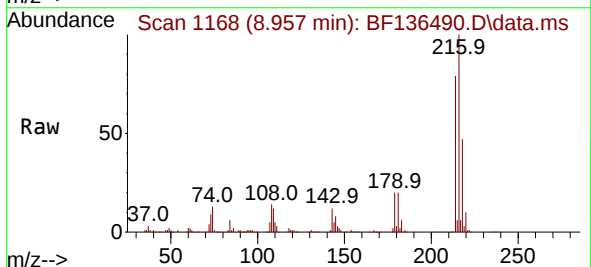
Instrument :
BNA_F
ClientSampleId :
PB157390BS

Tgt Ion:164 Resp: 295608
Ion Ratio Lower Upper
164 100
162 101.2 84.4 126.6
160 45.3 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.977 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:216 Resp: 358459
Ion Ratio Lower Upper
216 100
214 79.5 64.1 96.1
179 21.4 17.0 25.6
108 18.4 14.1 21.1

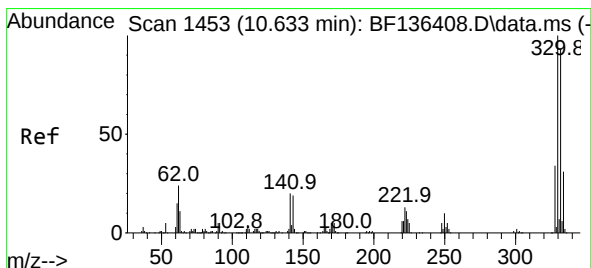
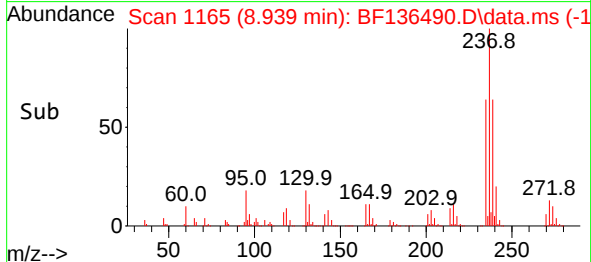
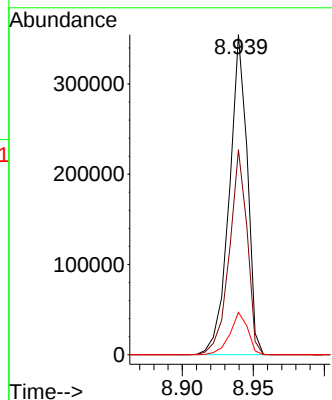
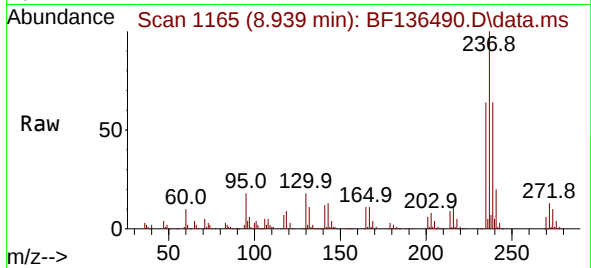




#41
Hexachlorocyclopentadiene
Concen: 91.926 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

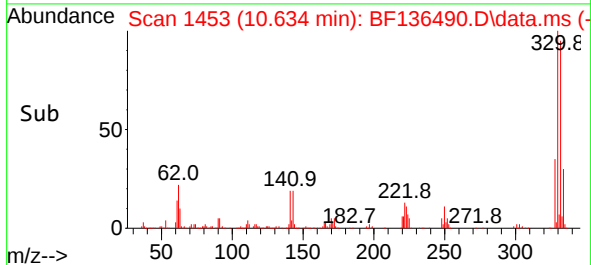
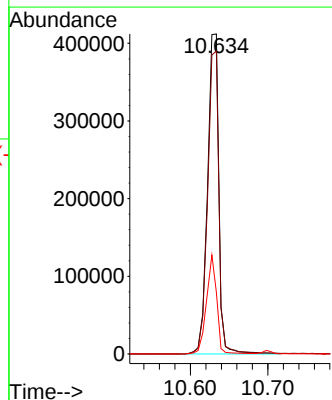
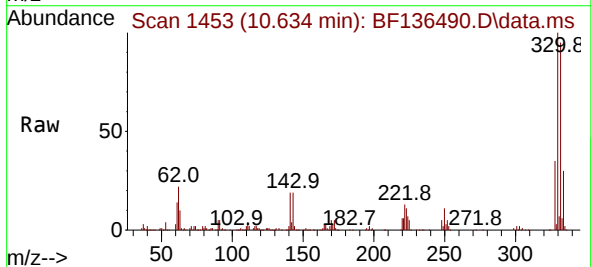
Instrument :
BNA_F
ClientSampleId :
PB157390BS

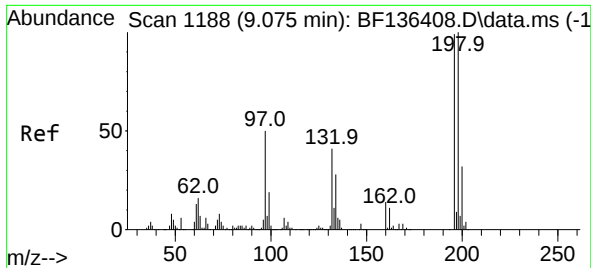
Tgt Ion:237 Resp: 313209
Ion Ratio Lower Upper
237 100
235 64.0 44.1 84.1
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 114.640 ng
RT: 10.634 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:330 Resp: 417849
Ion Ratio Lower Upper
330 100
332 94.8 76.4 114.6
141 28.0 23.4 35.2

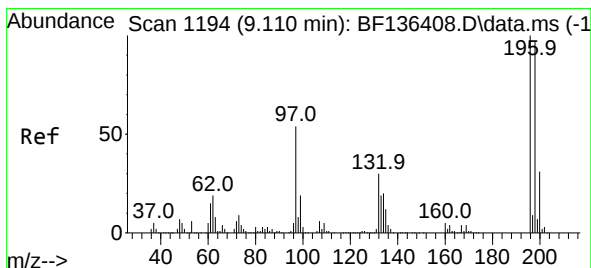
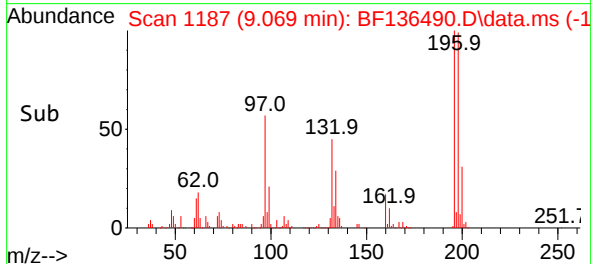
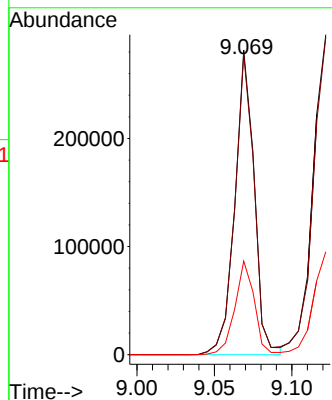
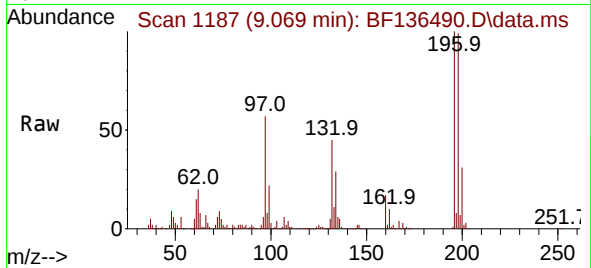




#43
2,4,6-Trichlorophenol
Concen: 40.761 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

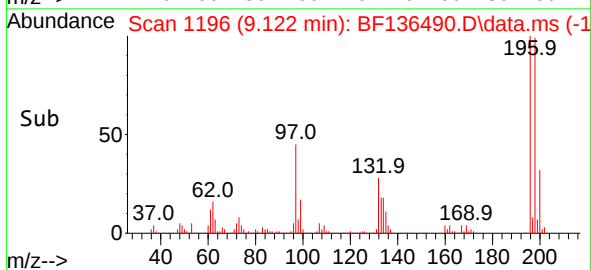
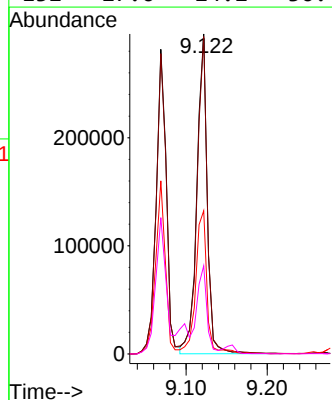
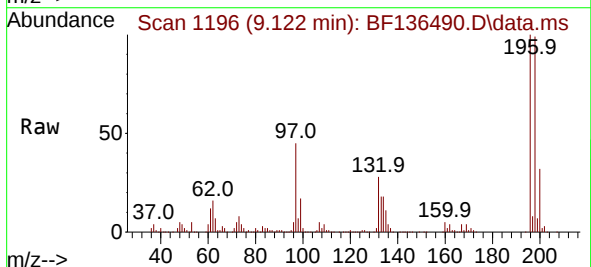
Instrument :
BNA_F
ClientSampleId :
PB157390BS

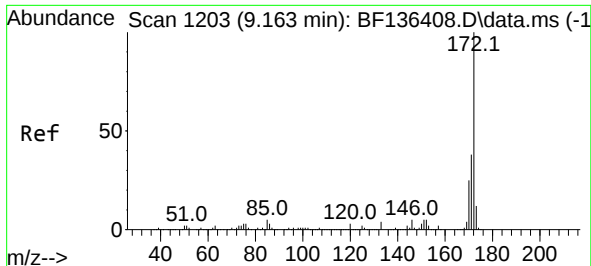
Tgt Ion:196 Resp: 244087
Ion Ratio Lower Upper
196 100
198 98.6 80.4 120.6
200 30.7 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 39.475 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:196 Resp: 263830
Ion Ratio Lower Upper
196 100
198 99.2 78.1 117.1
97 44.7 43.4 65.2
132 27.6 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 70.272 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

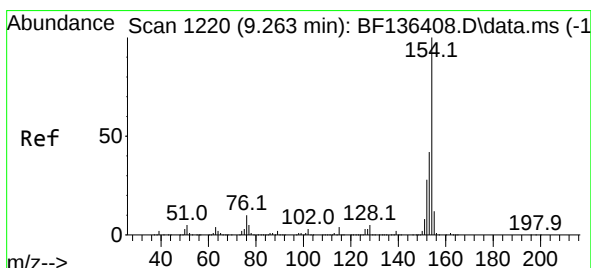
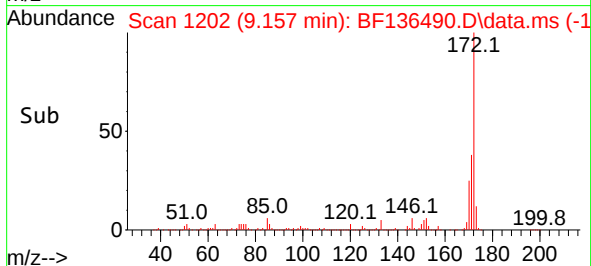
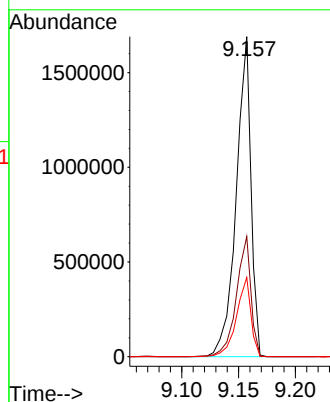
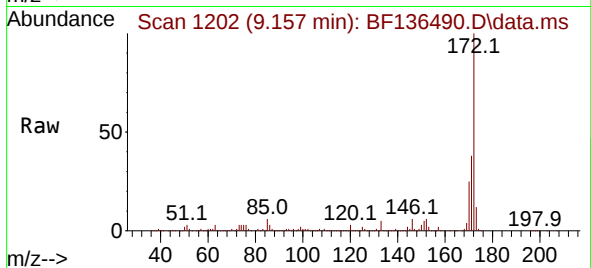
Tgt Ion:172 Resp: 1522392

Ion Ratio Lower Upper

172 100

171 37.6 30.5 45.7

170 24.8 19.9 29.9



#46

1,1'-Biphenyl

Concen: 38.210 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

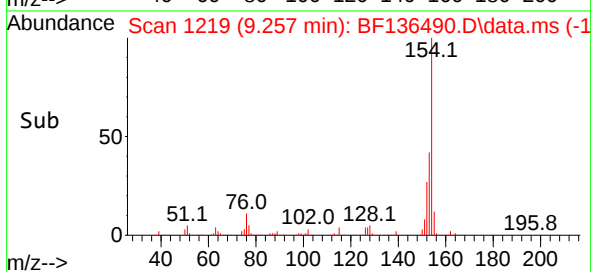
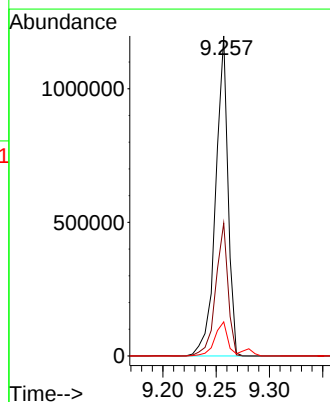
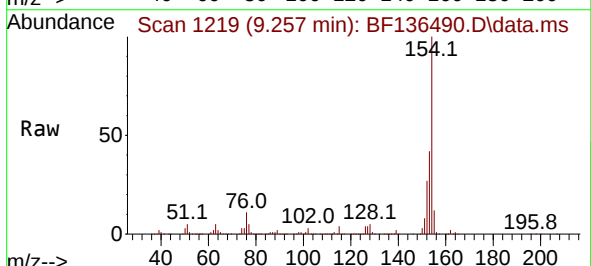
Tgt Ion:154 Resp: 961103

Ion Ratio Lower Upper

154 100

153 41.5 22.5 62.5

76 10.7 0.0 29.9





#47

2-Chloronaphthalene

Concen: 37.902 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

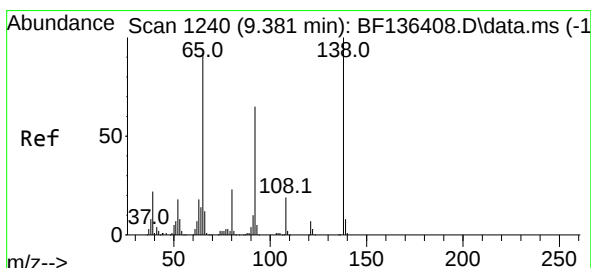
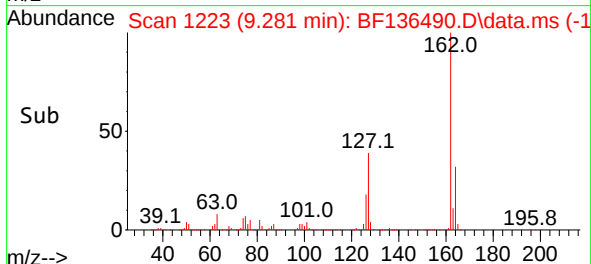
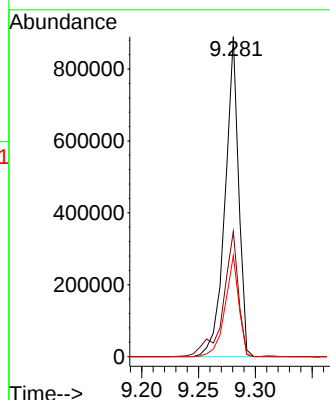
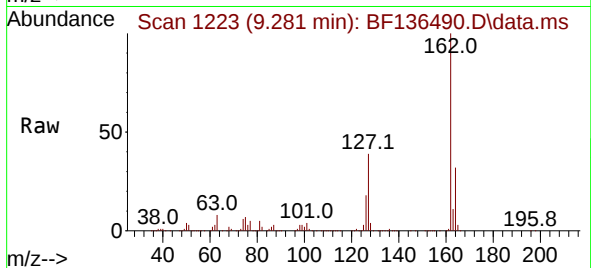
Tgt Ion:162 Resp: 742026

Ion Ratio Lower Upper

162 100

127 39.2 31.1 46.7

164 31.6 24.6 37.0



#48

2-Nitroaniline

Concen: 40.107 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

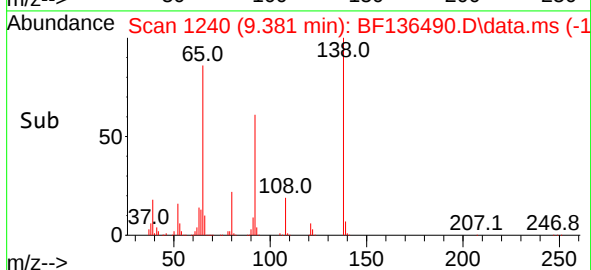
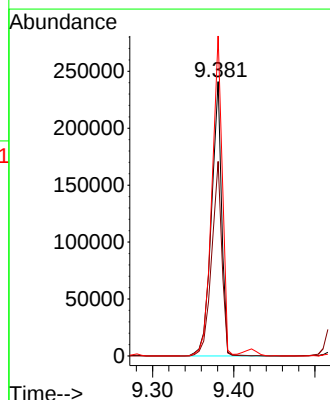
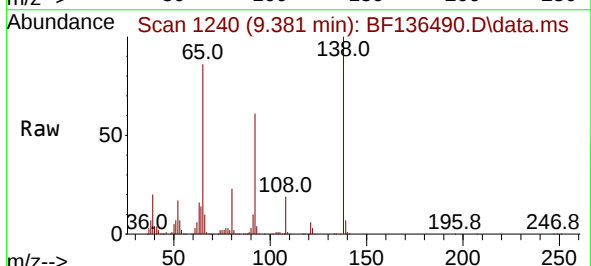
Tgt Ion: 65 Resp: 210592

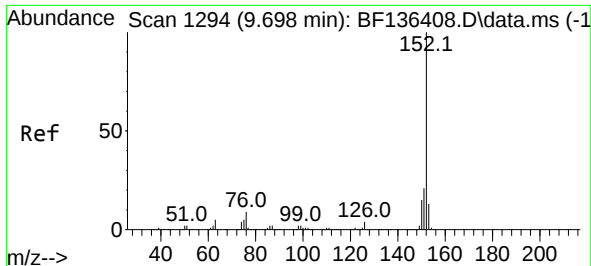
Ion Ratio Lower Upper

65 100

92 70.9 56.1 84.1

138 116.6 86.7 130.1





#49

Acenaphthylene

Concen: 40.504 ng

RT: 9.698 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

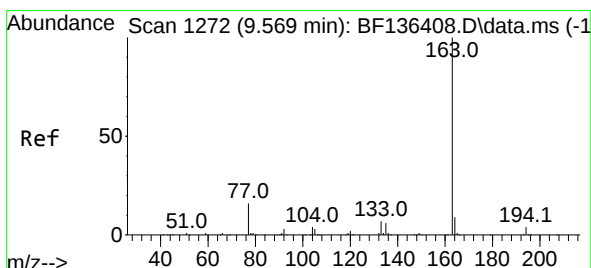
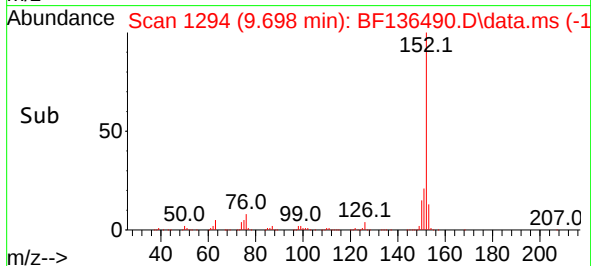
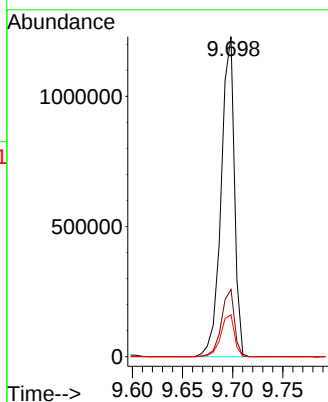
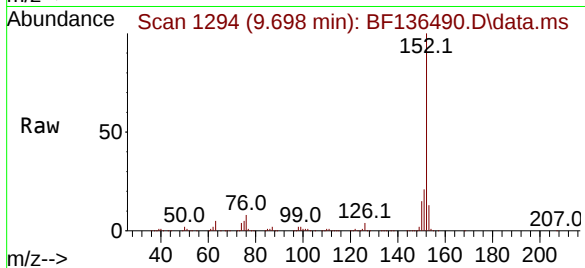
Tgt Ion:152 Resp: 1129593

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 40.033 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

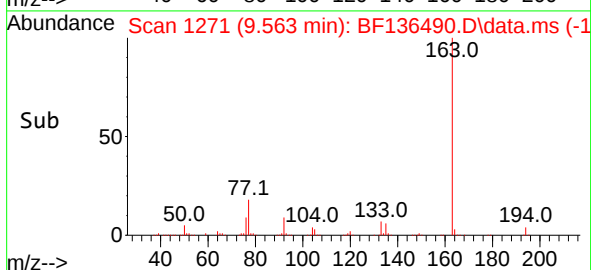
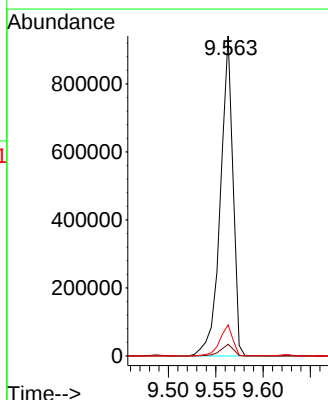
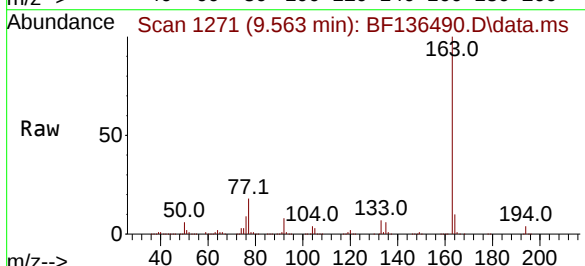
Tgt Ion:163 Resp: 871271

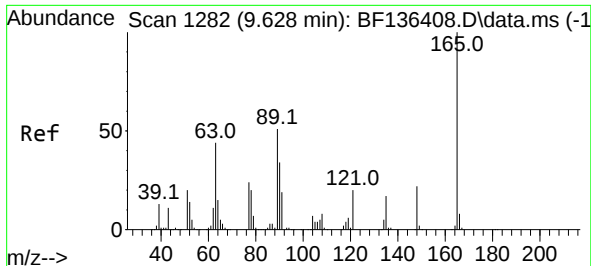
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 9.7 7.4 11.2





#51

2,6-Dinitrotoluene

Concen: 39.844 ng

RT: 9.628 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

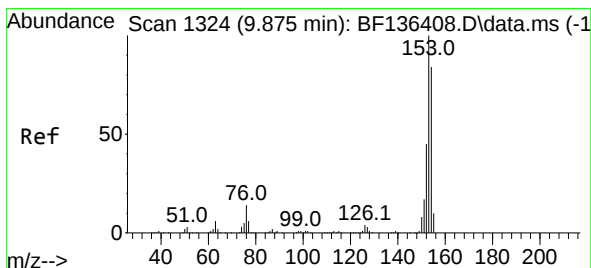
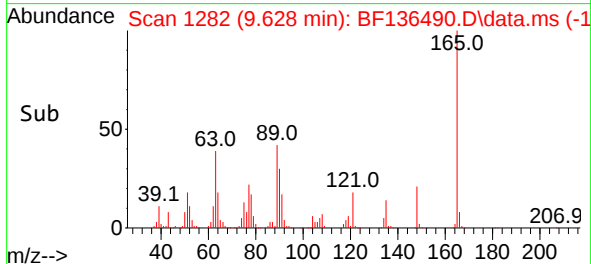
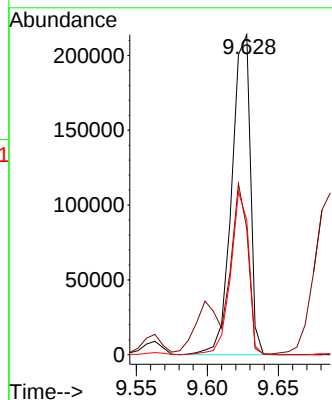
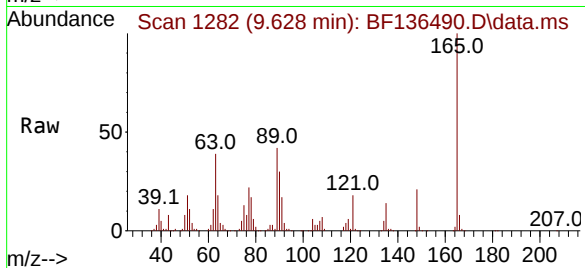
Tgt Ion:165 Resp: 195084

Ion Ratio Lower Upper

165 100

63 39.4 40.4 60.6#

89 42.1 40.6 60.8



#52

Acenaphthene

Concen: 38.188 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

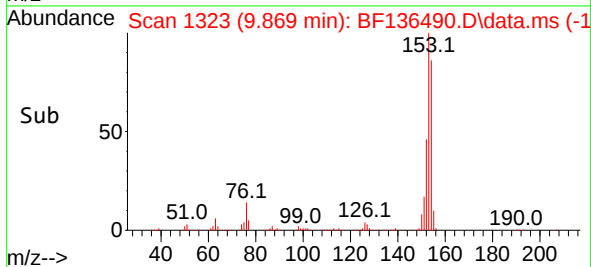
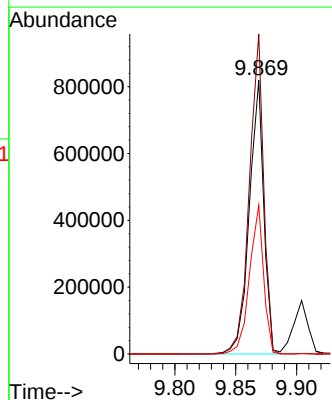
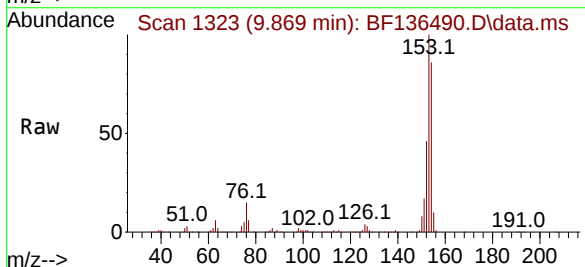
Tgt Ion:154 Resp: 682467

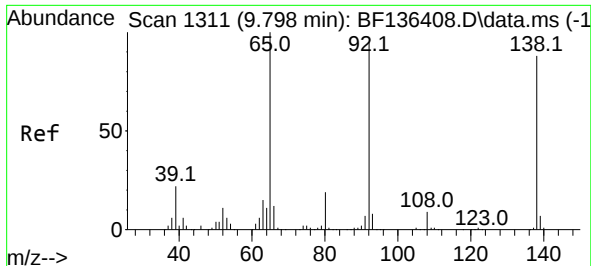
Ion Ratio Lower Upper

154 100

153 116.9 95.3 142.9

152 54.3 43.2 64.8

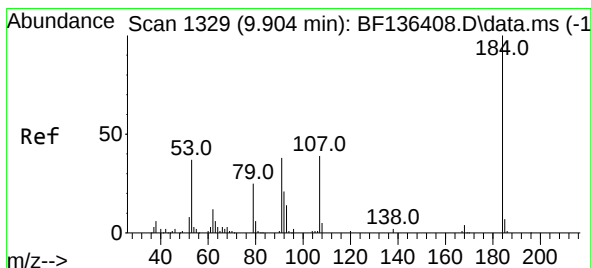
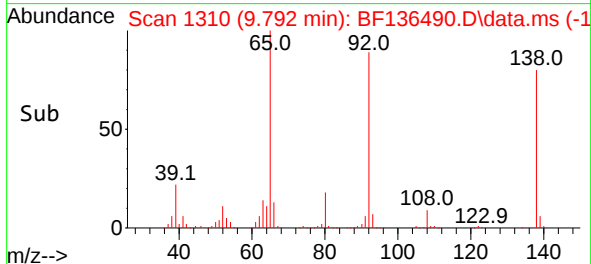
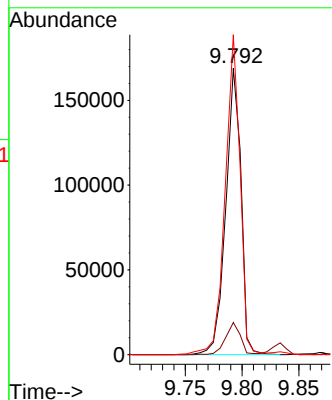
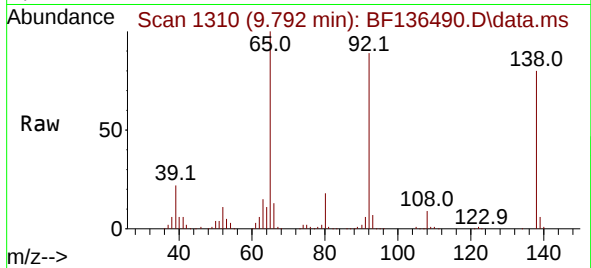




#53
3-Nitroaniline
Concen: 31.444 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

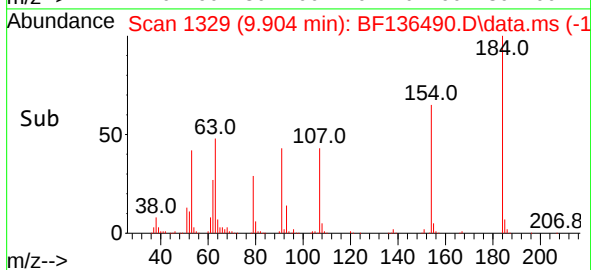
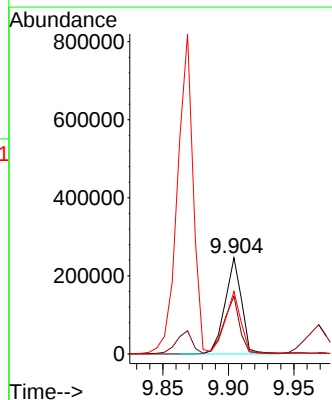
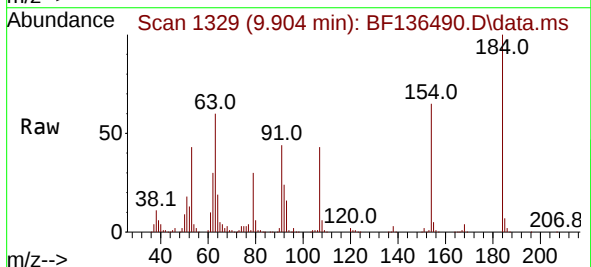
Instrument :
BNA_F
ClientSampleId :
PB157390BS

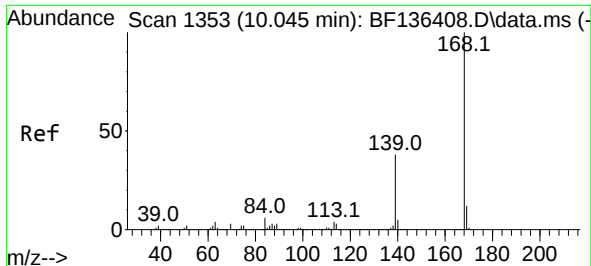
Tgt Ion:138 Resp: 157214
Ion Ratio Lower Upper
138 100
108 11.2 8.5 12.7
92 111.7 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 87.432 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:184 Resp: 216439
Ion Ratio Lower Upper
184 100
63 60.0 39.1 58.7#
154 65.0 49.9 74.9

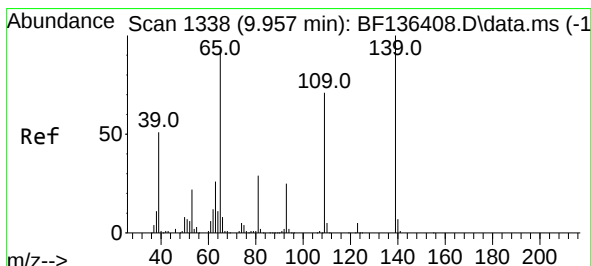
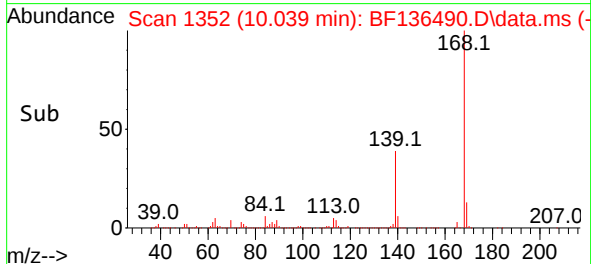
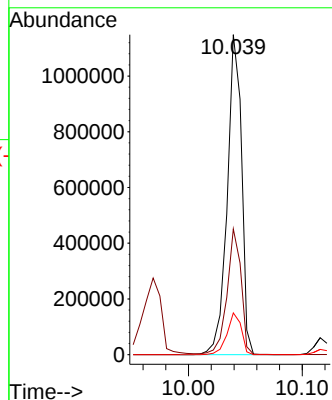
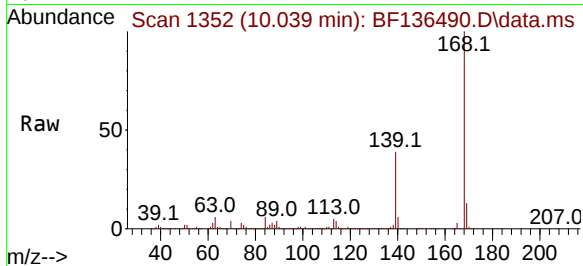




#55
Dibenzenofuran
Concen: 38.624 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

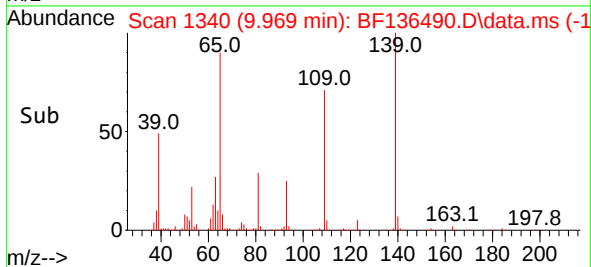
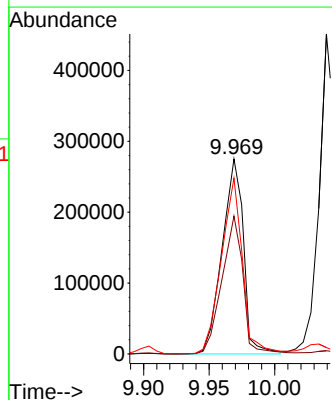
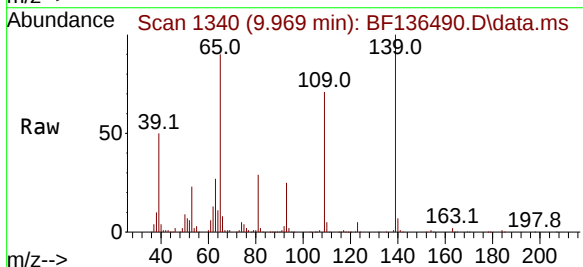
Instrument :
BNA_F
ClientSampleId :
PB157390BS

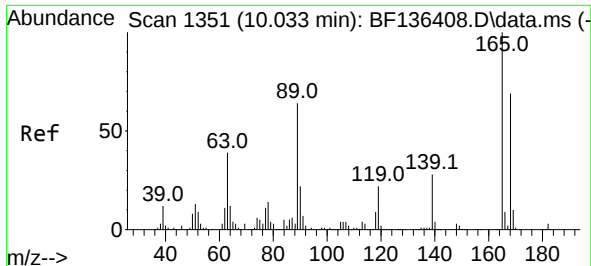
Tgt Ion:168 Resp: 1008365
Ion Ratio Lower Upper
168 100
139 39.3 30.4 45.6
169 13.1 9.9 14.9



#56
4-Nitrophenol
Concen: 82.881 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:139 Resp: 310649
Ion Ratio Lower Upper
139 100
109 70.7 50.6 90.6
65 90.2 73.1 113.1

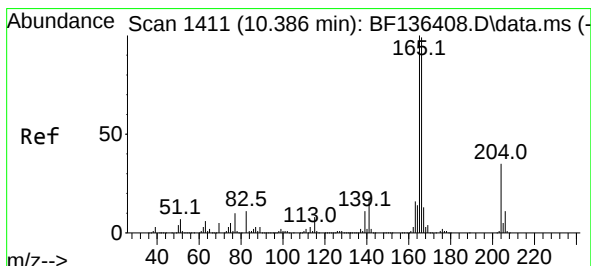
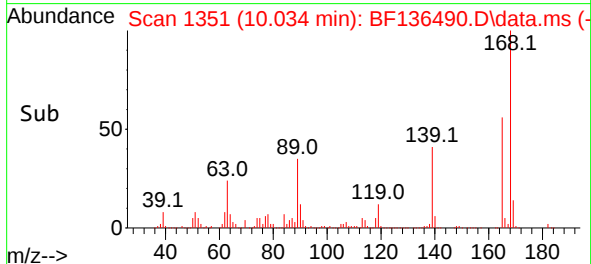
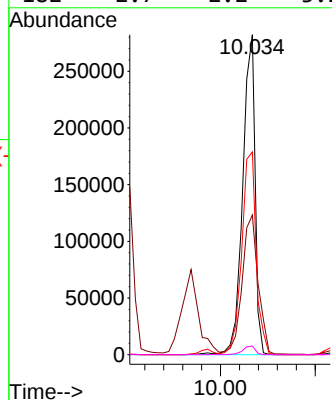
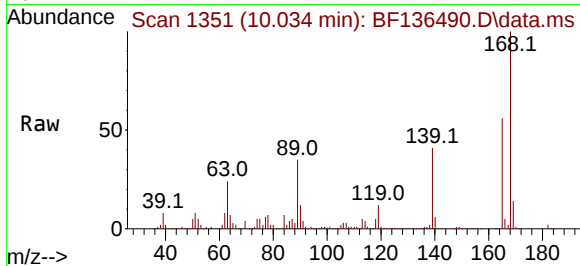




#57
2,4-Dinitrotoluene
Concen: 39.431 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

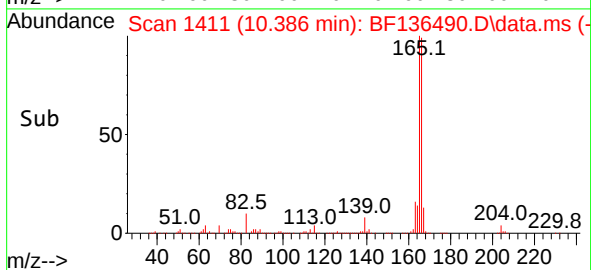
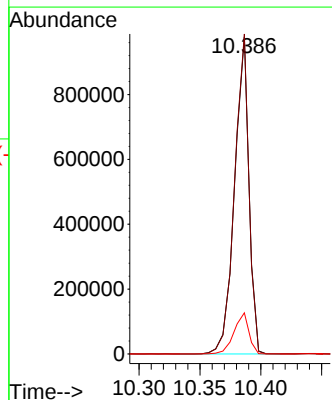
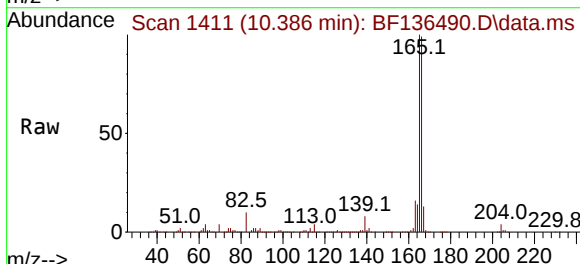
Instrument :
BNA_F
ClientSampleId :
PB157390BS

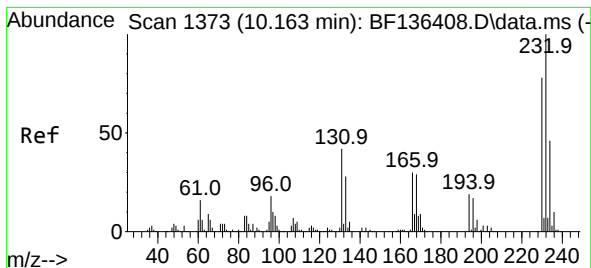
Tgt Ion:165 Resp: 255399
Ion Ratio Lower Upper
165 100
63 43.7 31.4 47.2
89 63.3 51.7 77.5
182 2.7 2.2 3.2



#58
Fluorene
Concen: 38.207 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:166 Resp: 800723
Ion Ratio Lower Upper
166 100
165 100.9 80.5 120.7
167 13.0 10.5 15.7

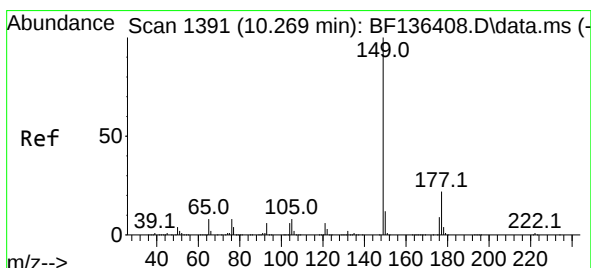
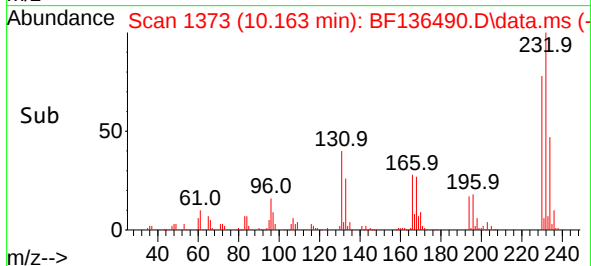
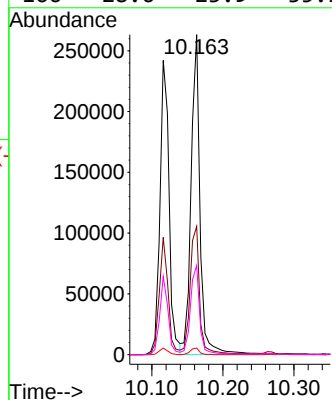
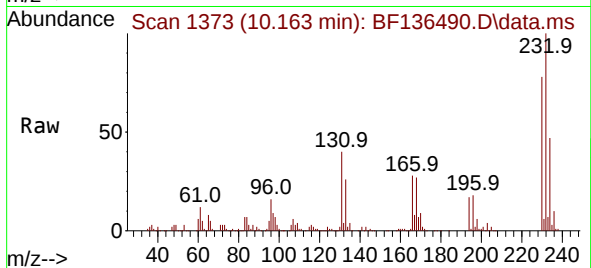




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.807 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

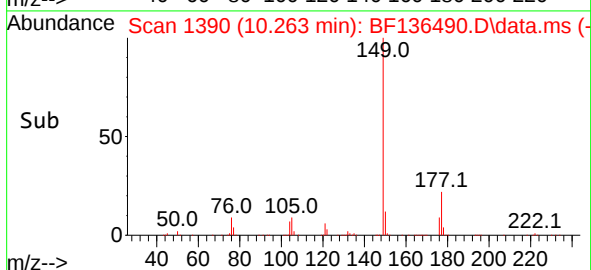
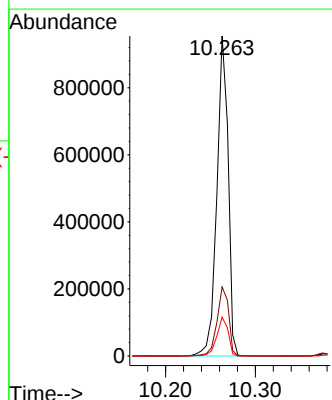
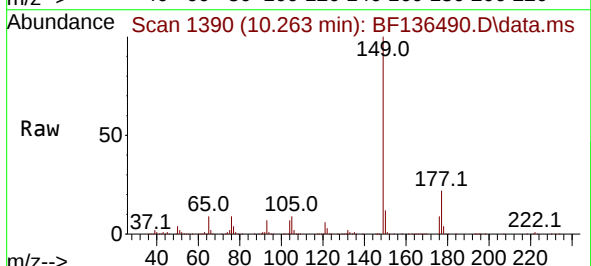
Instrument :
BNA_F
ClientSampleId :
PB157390BS

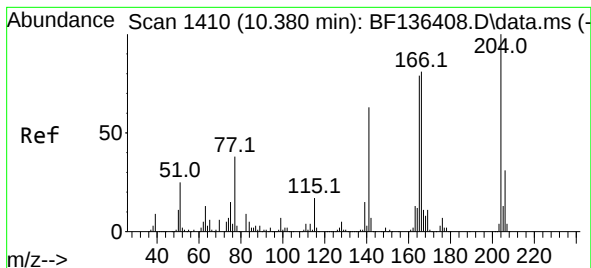
Tgt Ion:232 Resp: 229173
Ion Ratio Lower Upper
232 100
131 42.5 34.3 51.5
130 2.2 1.6 2.4
166 28.6 23.9 35.9



#60
Diethylphthalate
Concen: 38.890 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:149 Resp: 832284
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.1 9.4 14.0

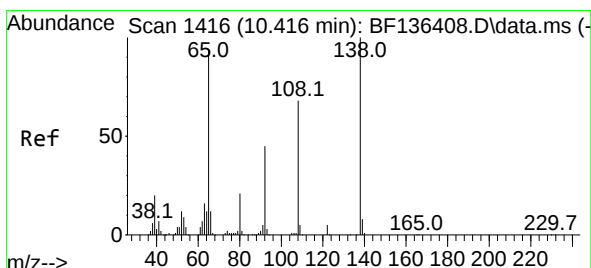
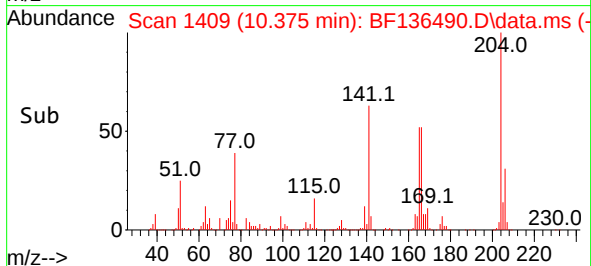
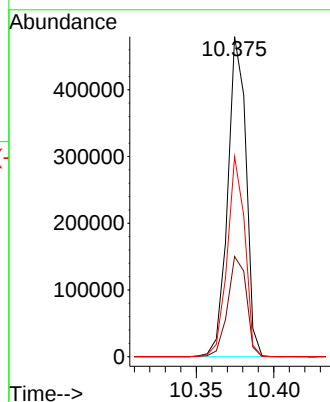
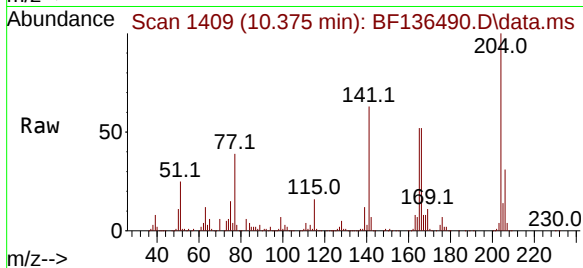




#61
4-Chlorophenyl-phenylether
Concen: 38.642 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

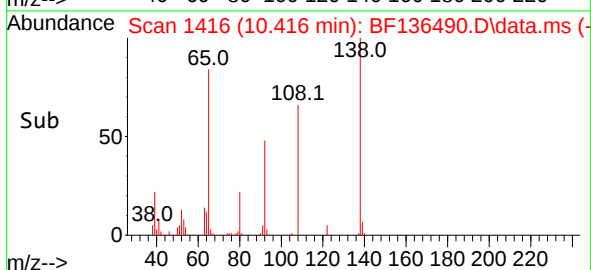
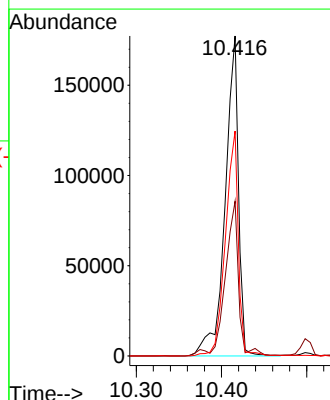
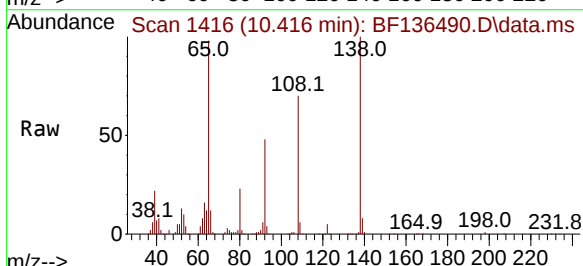
Instrument :
BNA_F
ClientSampleId :
PB157390BS

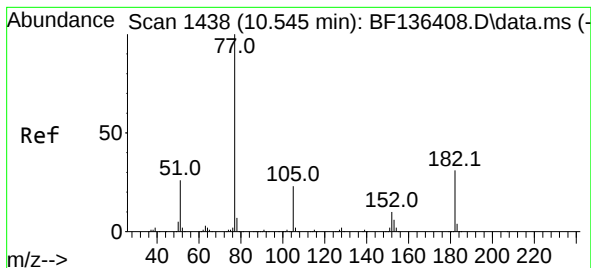
Tgt Ion:204 Resp: 394785
Ion Ratio Lower Upper
204 100
206 31.3 24.6 36.8
141 62.6 50.3 75.5



#62
4-Nitroaniline
Concen: 38.980 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:138 Resp: 193522
Ion Ratio Lower Upper
138 100
92 48.4 25.0 65.0
108 70.3 47.9 87.9

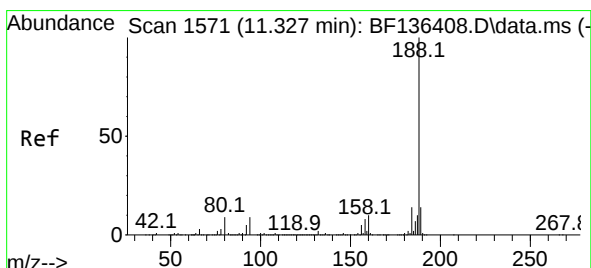
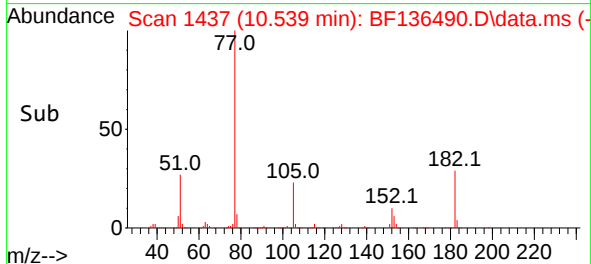
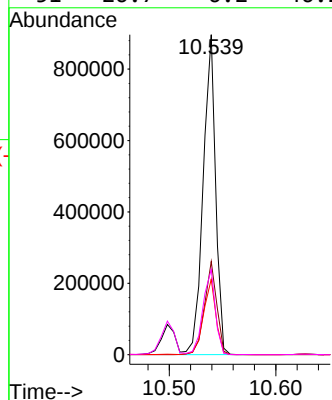
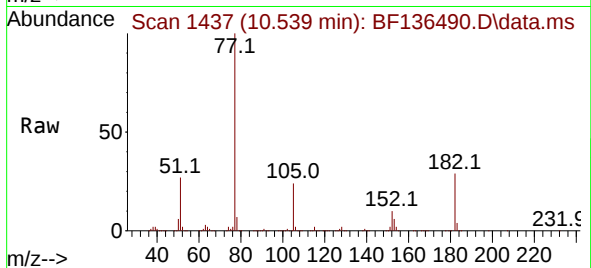




#63
Azobenzene
Concen: 37.502 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

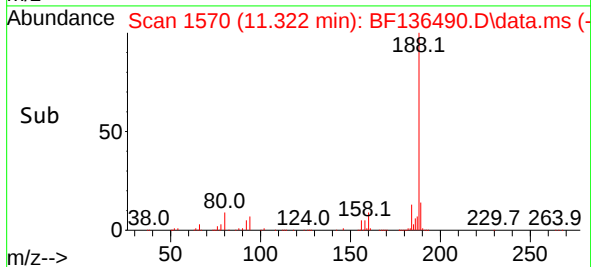
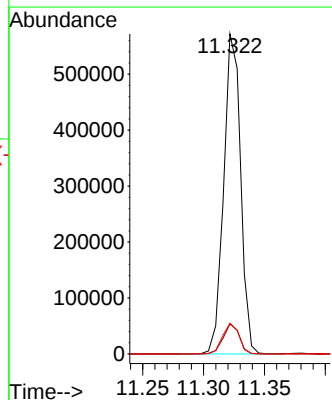
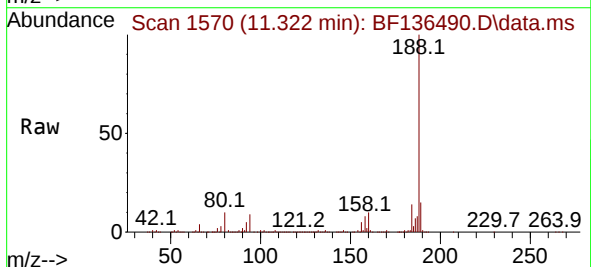
Instrument :
BNA_F
ClientSampleId :
PB157390BS

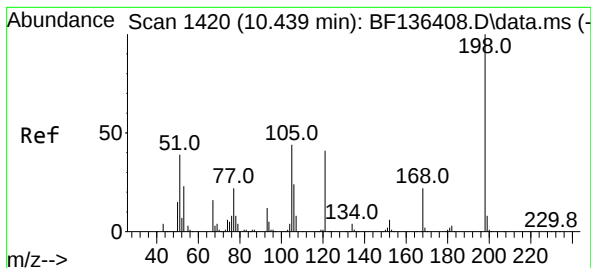
Tgt Ion: 77	Resp: 730519
Ion Ratio	Lower Upper
77 100	
182 29.1	10.8 50.8
105 23.6	2.6 42.6
51 26.7	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:188	Resp: 552543		
Ion Ratio	Lower	Upper	
188 100			
94 9.4	7.2	10.8	
80 9.6	7.2	10.8	

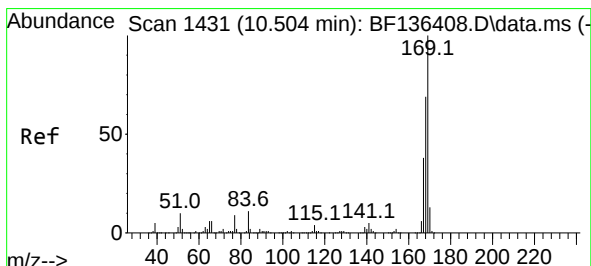
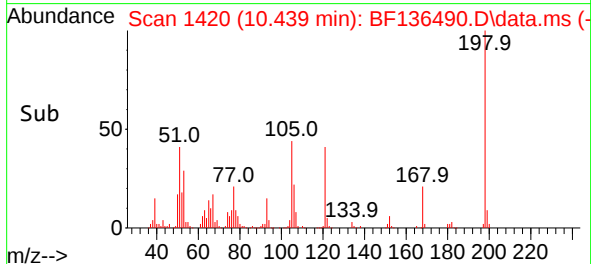
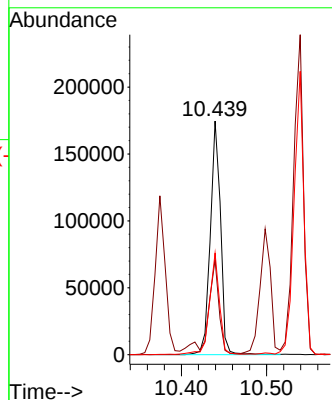
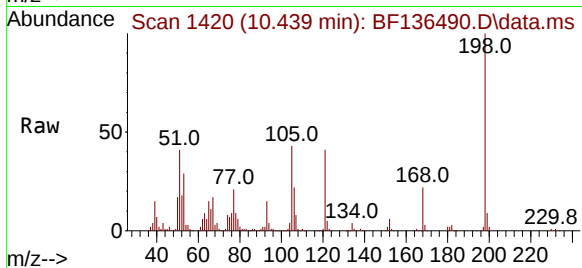




#65
4,6-Dinitro-2-methylphenol
Concen: 42.695 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

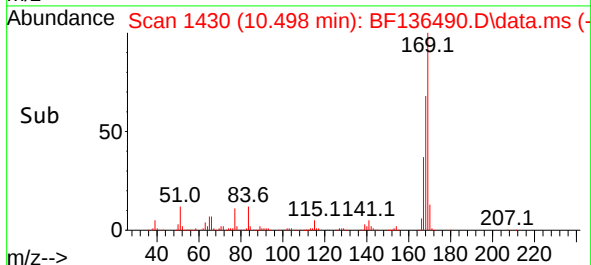
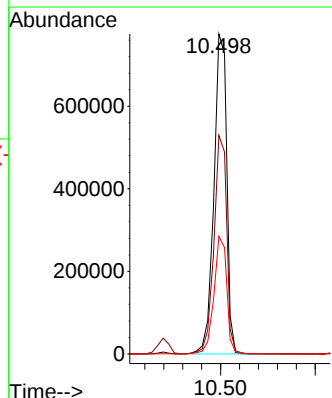
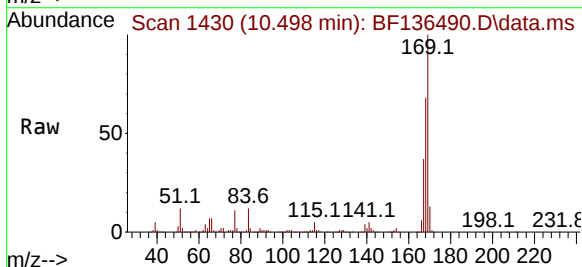
Instrument :
BNA_F
ClientSampleId :
PB157390BS

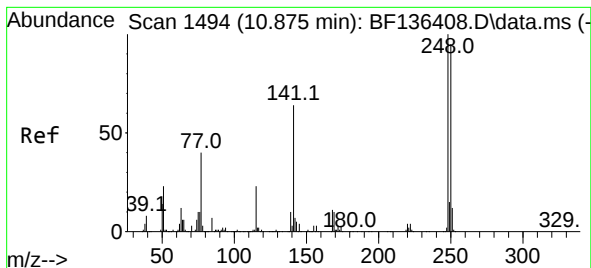
Tgt Ion:198 Resp: 146102
Ion Ratio Lower Upper
198 100
51 40.6 24.1 64.1
105 43.5 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 40.936 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:169 Resp: 725802
Ion Ratio Lower Upper
169 100
168 68.3 55.3 82.9
167 36.7 30.1 45.1

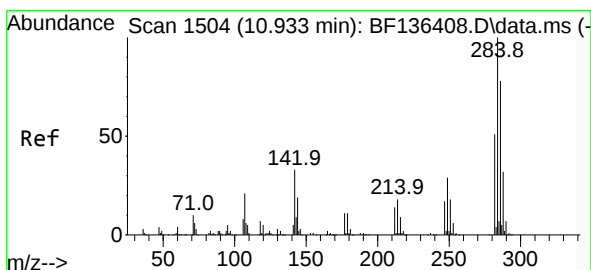
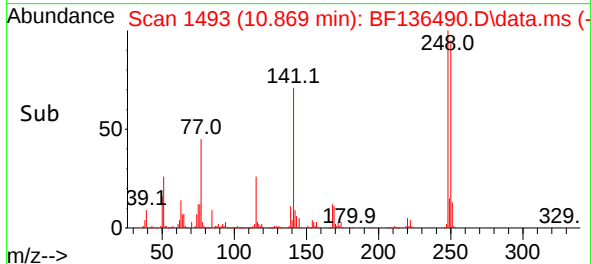
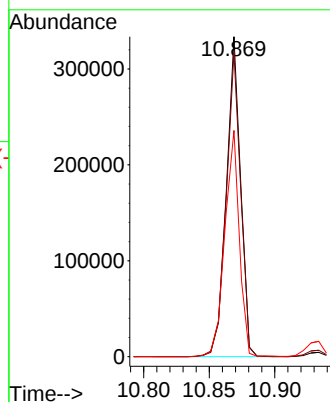
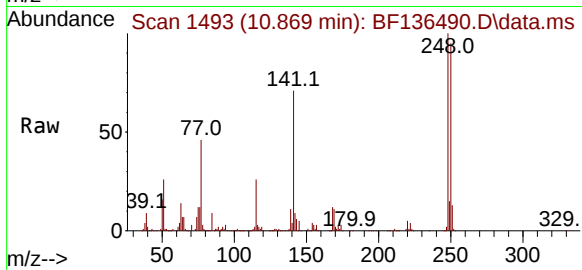




#67
4-Bromophenyl-phenylether
Concen: 39.385 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

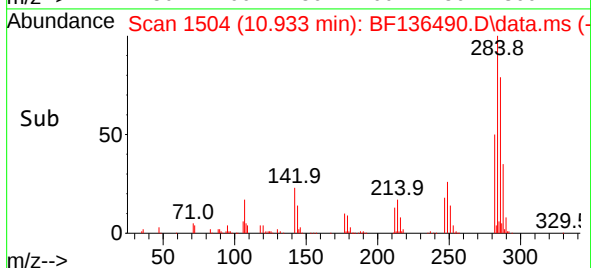
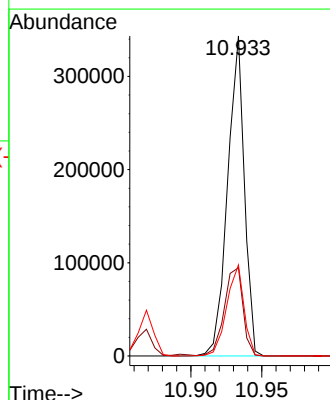
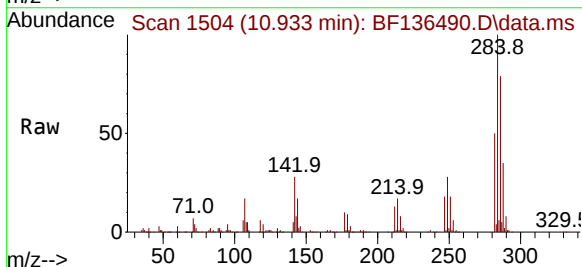
Instrument :
BNA_F
ClientSampleId :
PB157390BS

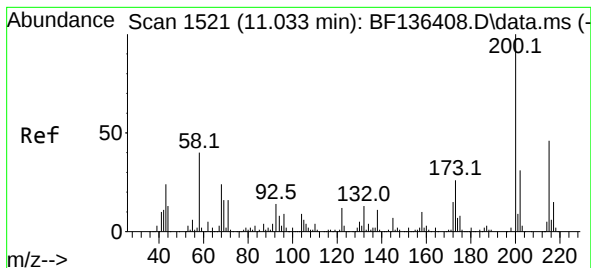
Tgt Ion:248 Resp: 253015
Ion Ratio Lower Upper
248 100
250 95.0 76.2 114.2
141 70.7 51.0 76.4



#68
Hexachlorobenzene
Concen: 38.045 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:284 Resp: 282484
Ion Ratio Lower Upper
284 100
142 27.6 26.5 39.7
249 28.5 23.4 35.0





#69

Atrazine

Concen: 40.083 ng

RT: 11.033 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

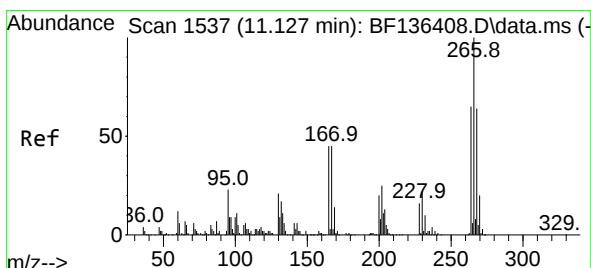
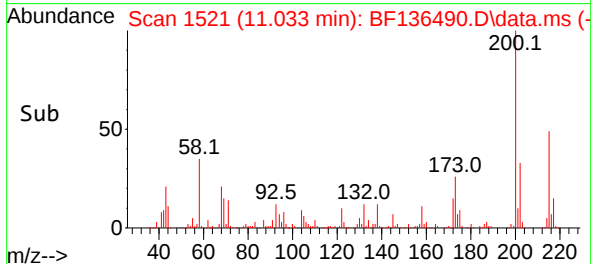
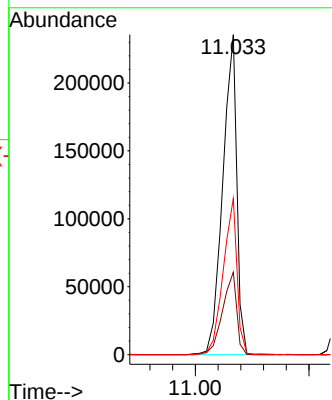
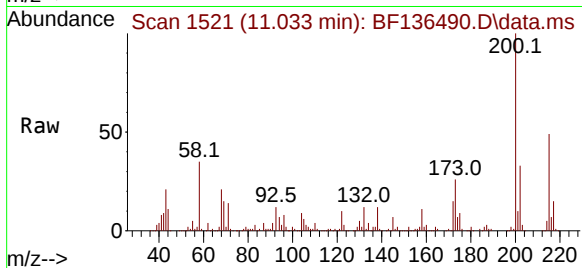
Tgt Ion:200 Resp: 202834

Ion Ratio Lower Upper

200 100

173 25.8 6.0 46.0

215 48.8 25.5 65.5



#70

Pentachlorophenol

Concen: 65.952 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

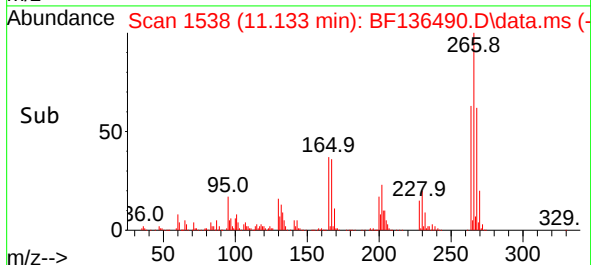
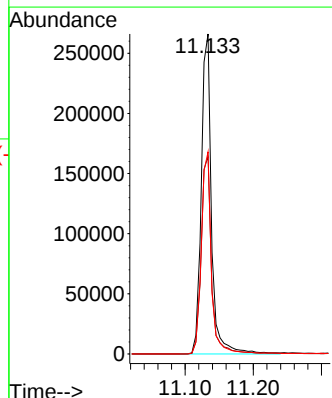
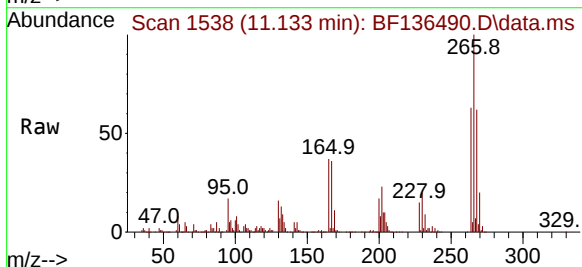
Tgt Ion:266 Resp: 276373

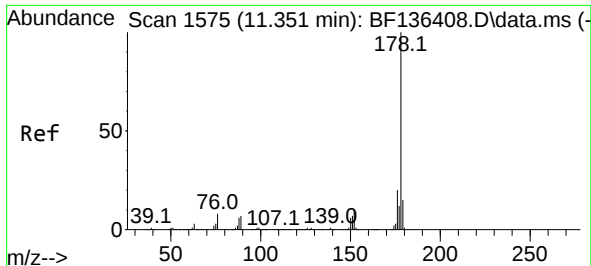
Ion Ratio Lower Upper

266 100

268 61.7 51.0 76.6

264 63.1 52.2 78.4

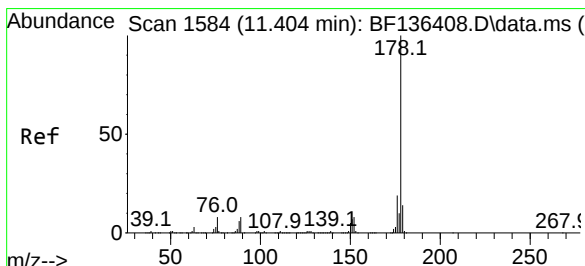
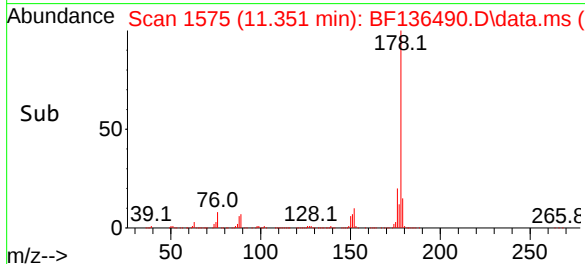
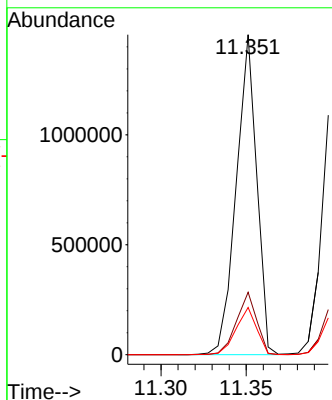
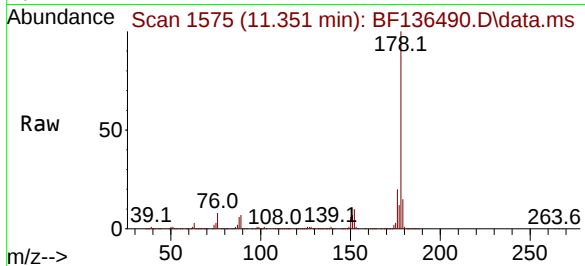




#71
Phenanthrene
Concen: 40.100 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

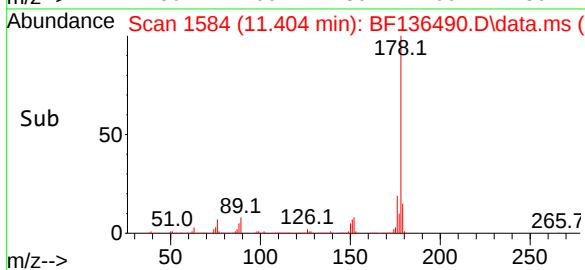
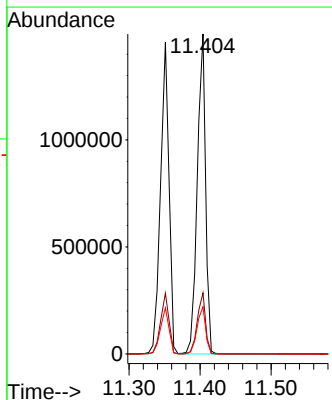
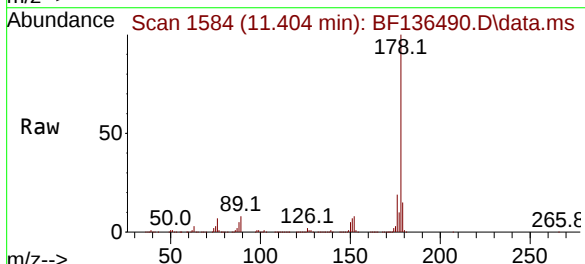
Instrument :
BNA_F
ClientSampleId :
PB157390BS

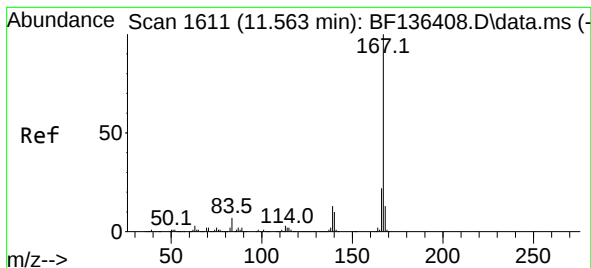
Tgt Ion:178 Resp: 1217841
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 14.8 11.8 17.6



#72
Anthracene
Concen: 39.965 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:178 Resp: 1222498
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 14.8 11.4 17.0





#73

Carbazole

Concen: 38.944 ng

RT: 11.563 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

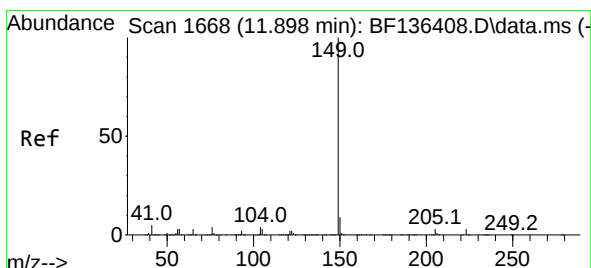
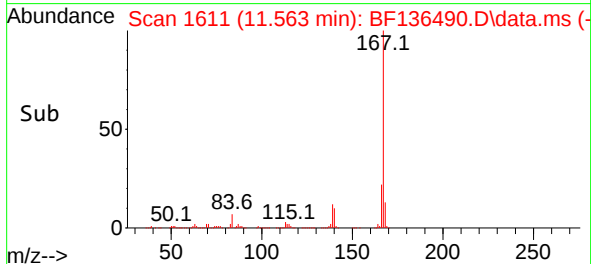
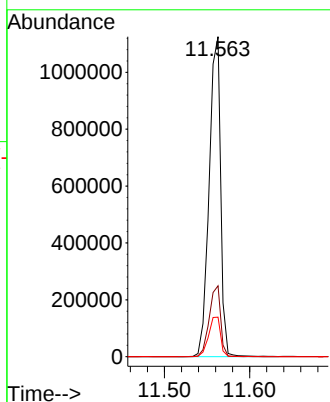
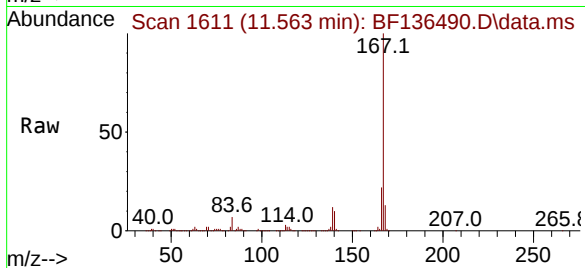
Tgt Ion:167 Resp: 1054375

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

139 12.4 10.2 15.4



#74

Di-n-butylphthalate

Concen: 37.952 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

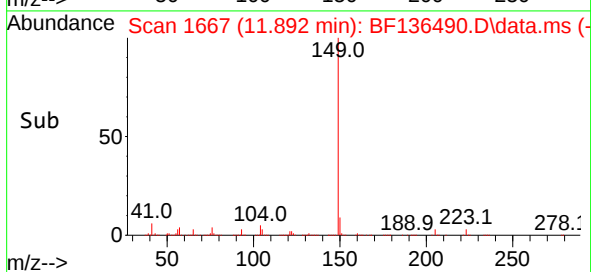
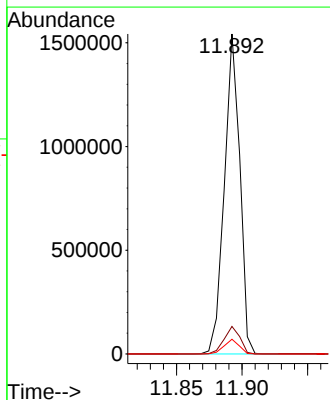
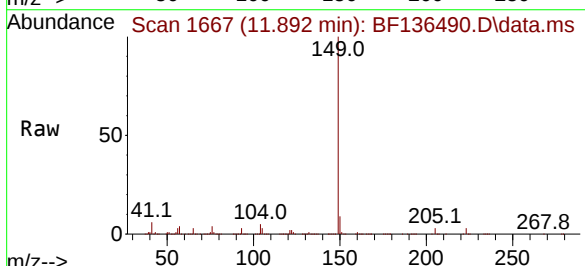
Tgt Ion:149 Resp: 1259629

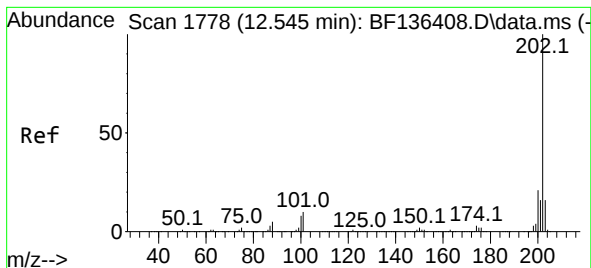
Ion Ratio Lower Upper

149 100

150 8.6 6.9 10.3

104 4.6 3.5 5.3





#75

Fluoranthene

Concen: 37.030 ng

RT: 12.545 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

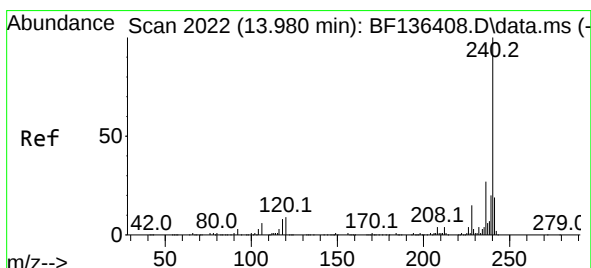
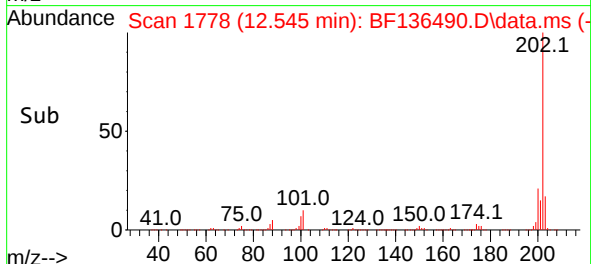
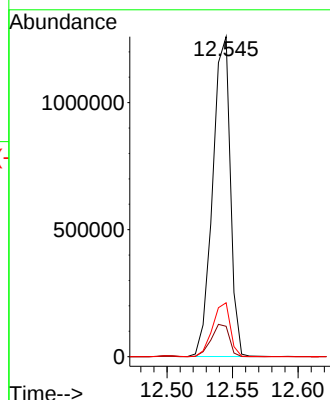
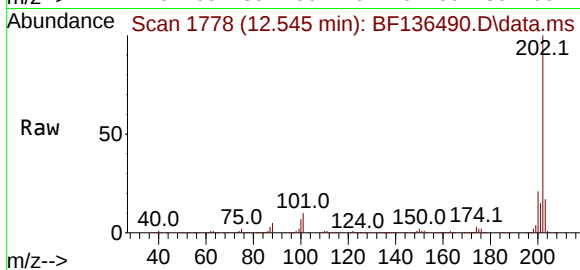
Tgt Ion:202 Resp: 1178516

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.9

203 16.8 0.0 36.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

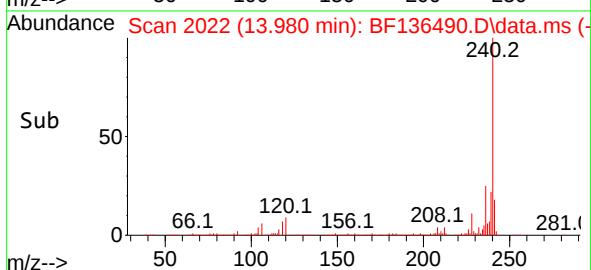
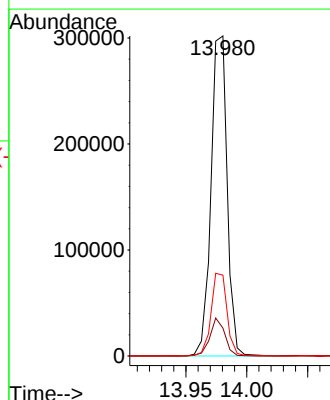
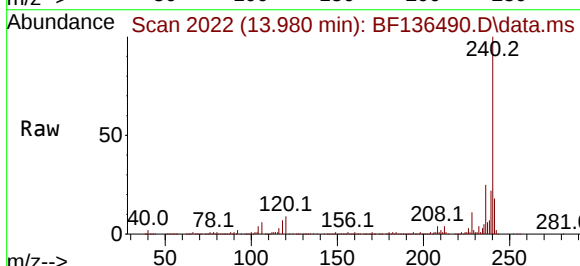
Tgt Ion:240 Resp: 279416

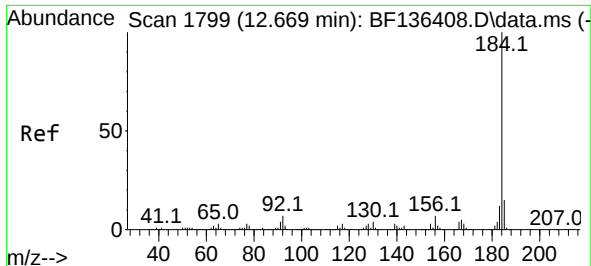
Ion Ratio Lower Upper

240 100

120 8.7 7.3 10.9

236 25.3 21.3 31.9

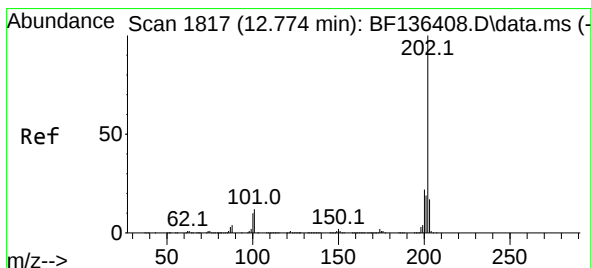
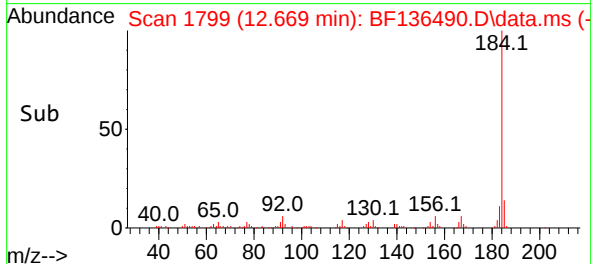
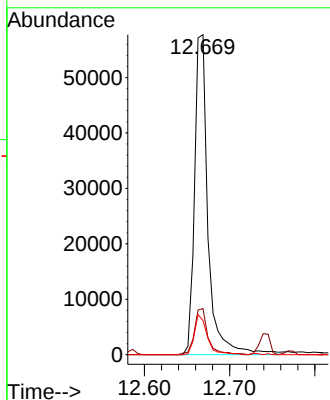
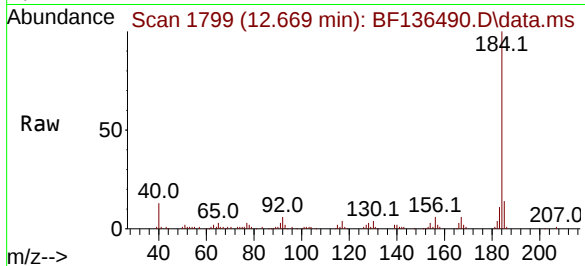




#77
Benzidine
Concen: 15.677 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

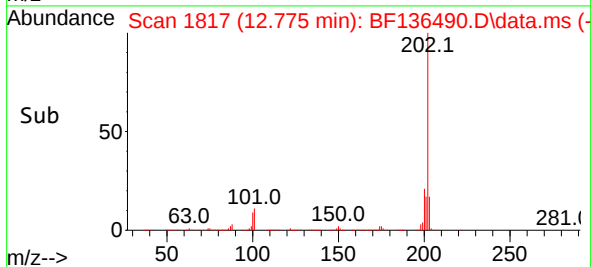
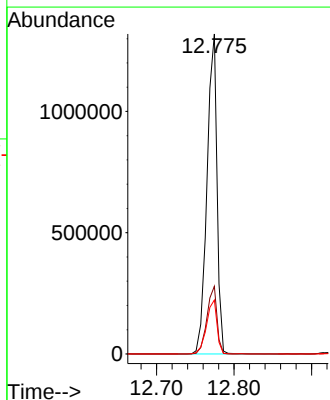
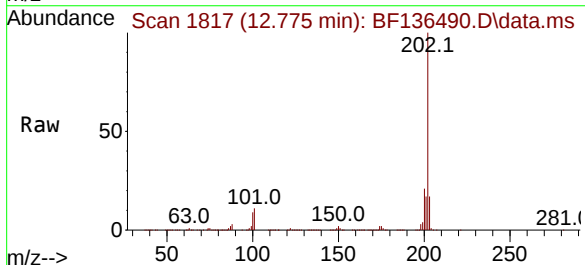
Instrument :
BNA_F
ClientSampleId :
PB157390BS

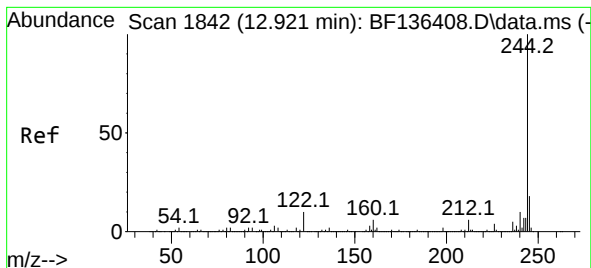
Tgt Ion:184 Resp: 63527
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 10.7 9.4 14.0



#78
Pyrene
Concen: 43.114 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:202 Resp: 1179816
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 16.9 13.5 20.3





#79

Terphenyl-d14

Concen: 80.014 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

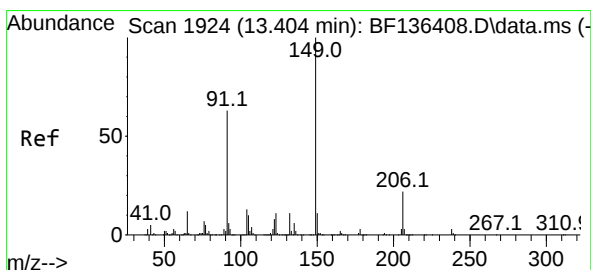
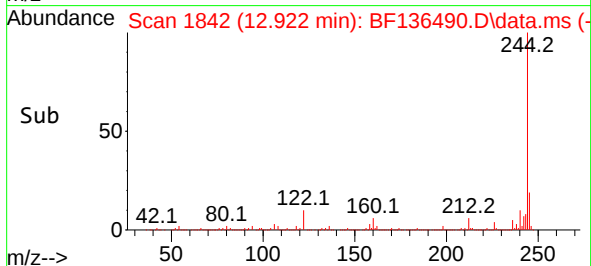
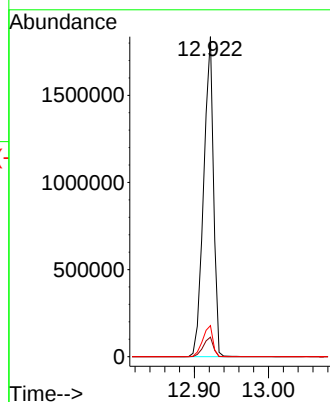
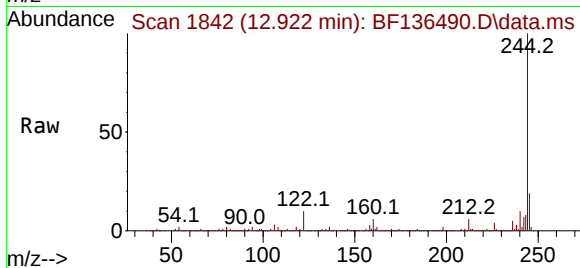
Tgt Ion:244 Resp: 1696232

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 9.7 8.3 12.5



#80

Butylbenzylphthalate

Concen: 42.175 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

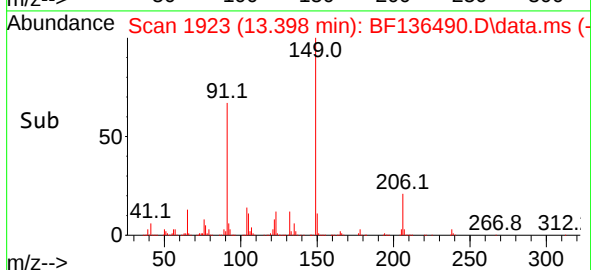
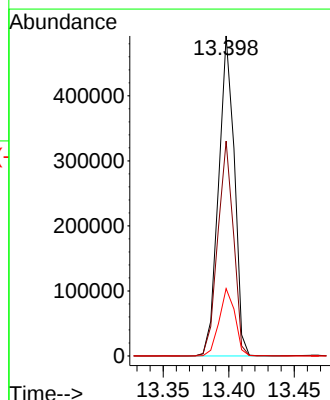
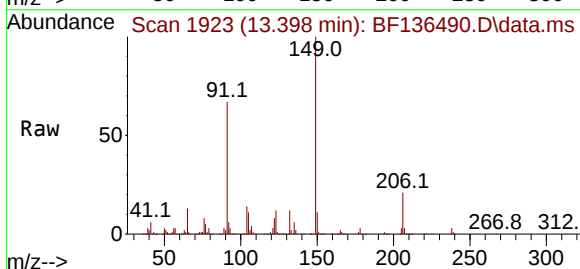
Tgt Ion:149 Resp: 410841

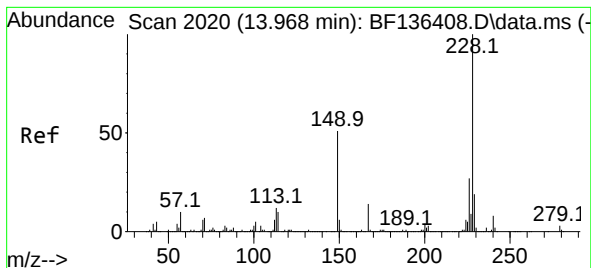
Ion Ratio Lower Upper

149 100

91 67.1 50.5 75.7

206 21.1 17.4 26.2





#81

Benzo(a)anthracene

Concen: 41.262 ng

RT: 13.969 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

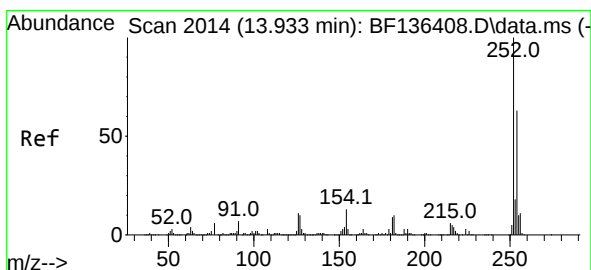
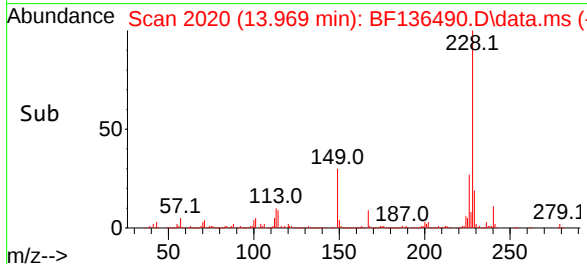
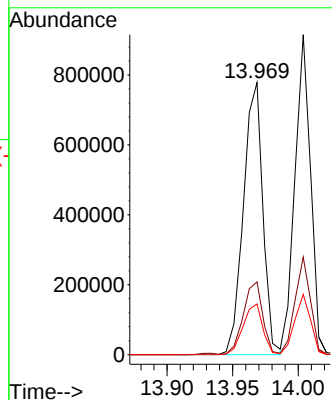
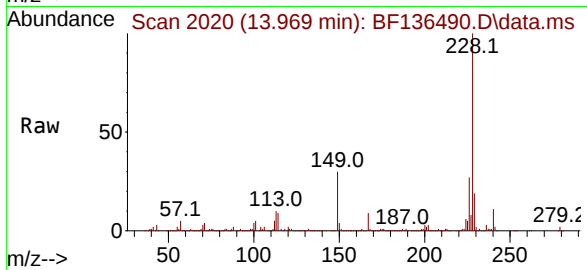
Tgt Ion:228 Resp: 803091

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 18.6 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 40.666 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

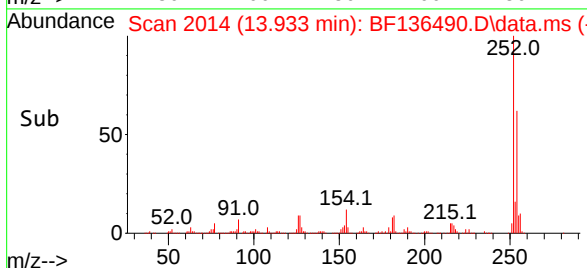
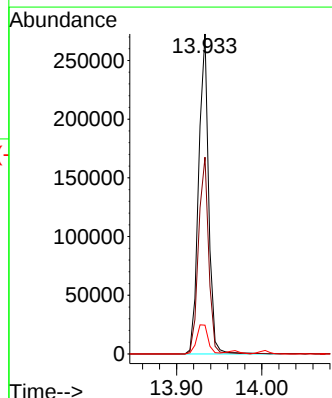
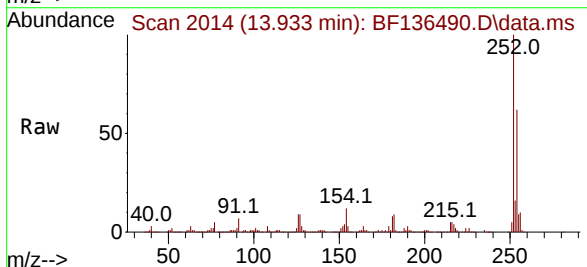
Tgt Ion:252 Resp: 221919

Ion Ratio Lower Upper

252 100

254 61.5 50.8 76.2

126 9.0 8.6 12.8





#83

Chrysene

Concen: 39.637 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

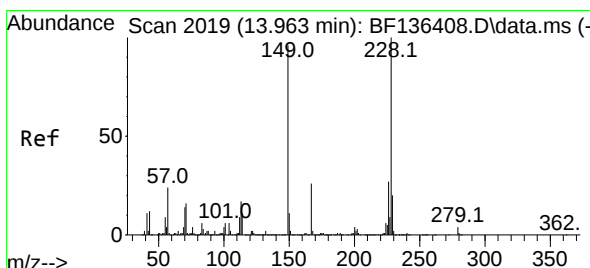
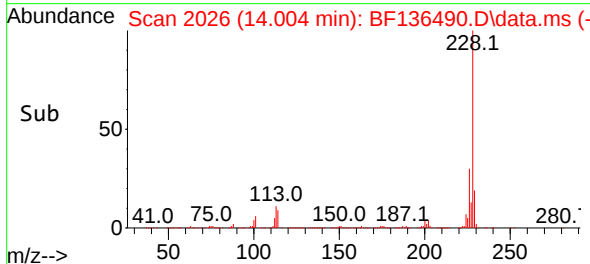
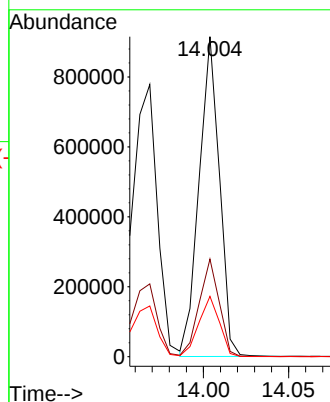
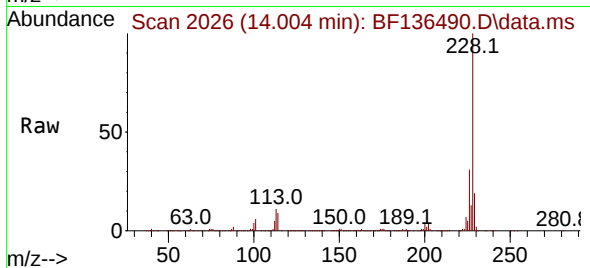
Tgt Ion:228 Resp: 759005

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

229 18.8 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.620 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

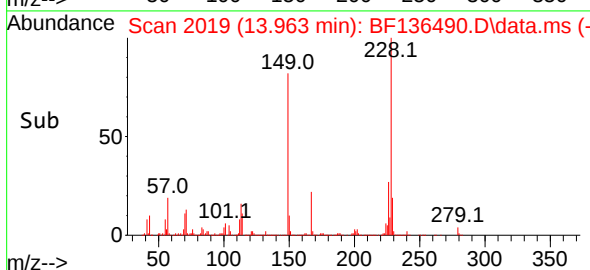
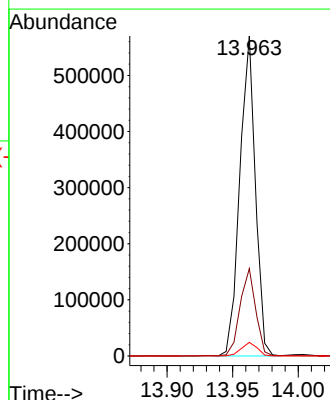
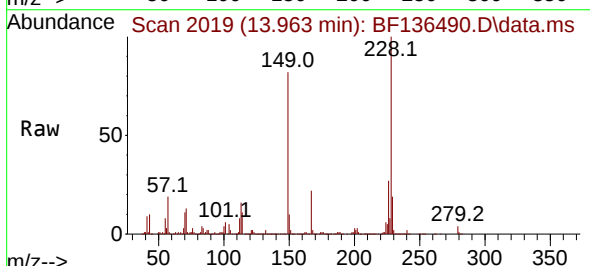
Tgt Ion:149 Resp: 473148

Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 39.396 ng

RT: 14.580 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

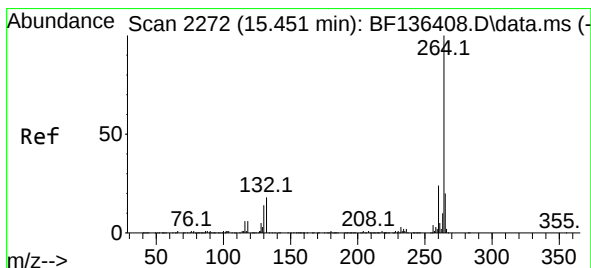
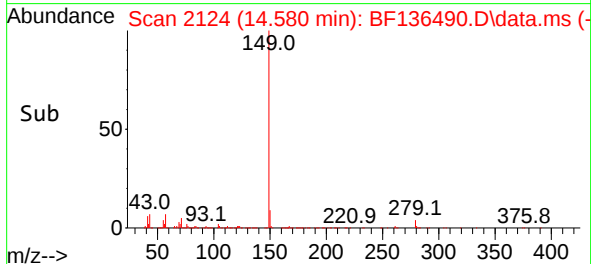
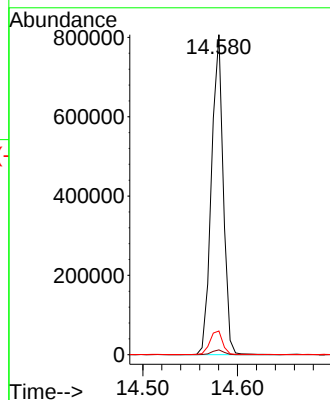
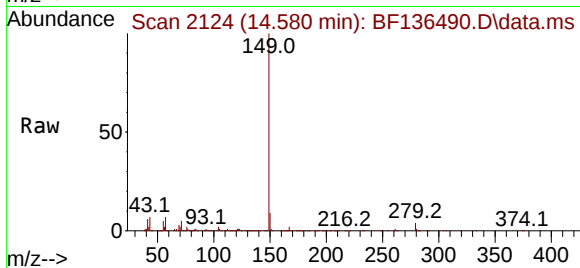
Tgt Ion:149 Resp: 694933

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.1 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

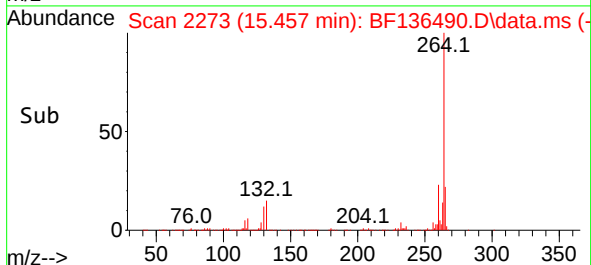
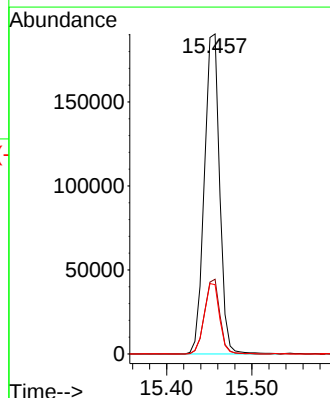
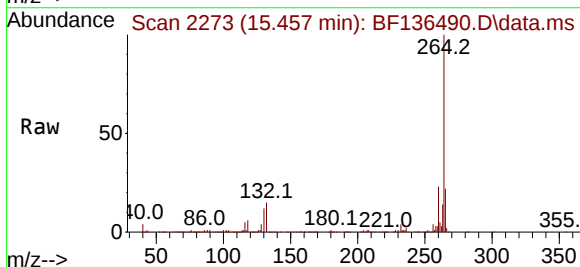
Tgt Ion:264 Resp: 237096

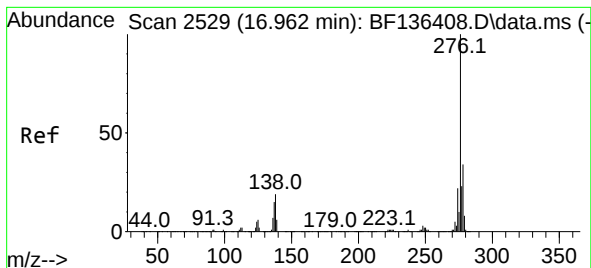
Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.7 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.687 ng

RT: 16.962 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

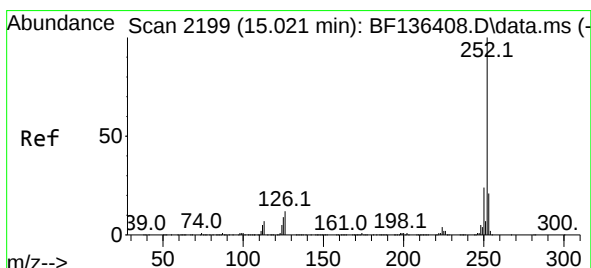
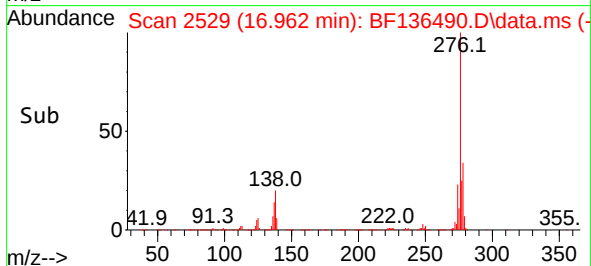
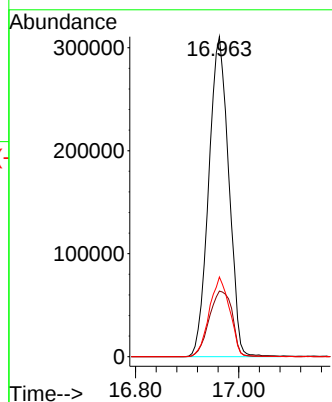
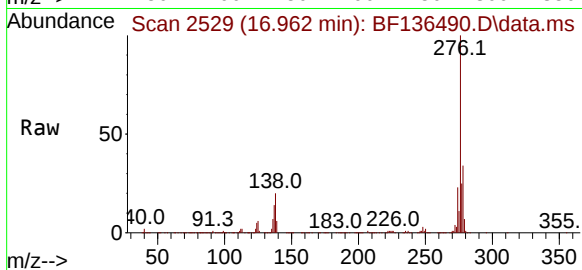
Tgt Ion:276 Resp: 834889

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.4

277 25.5 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 45.338 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

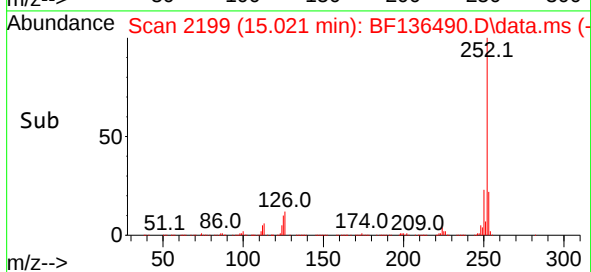
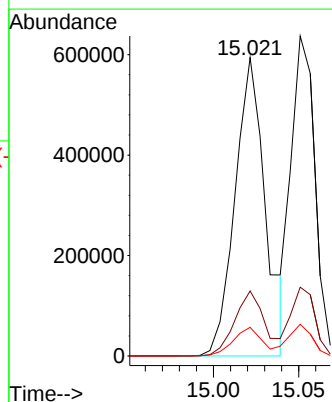
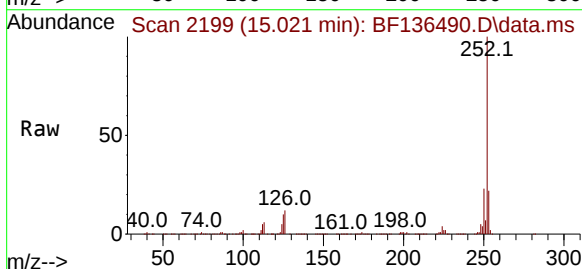
Tgt Ion:252 Resp: 734964

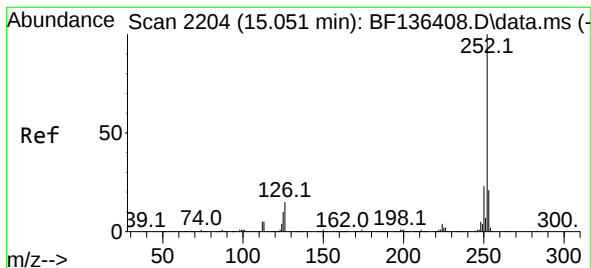
Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

125 9.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 40.775 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

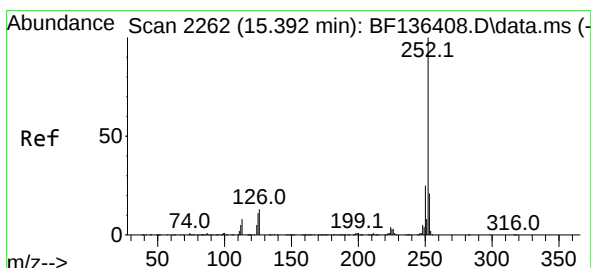
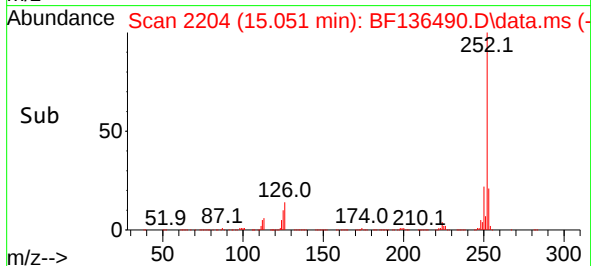
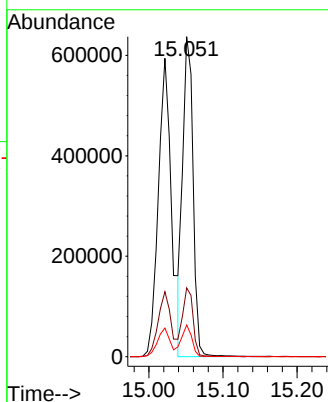
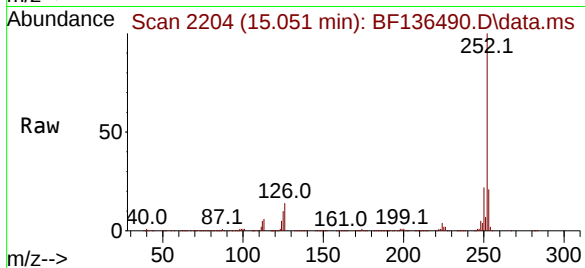
Tgt Ion:252 Resp: 622928

Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

125 9.9 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.960 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

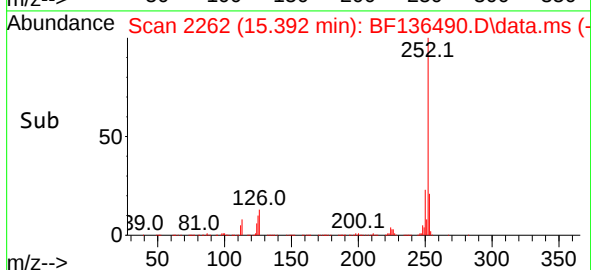
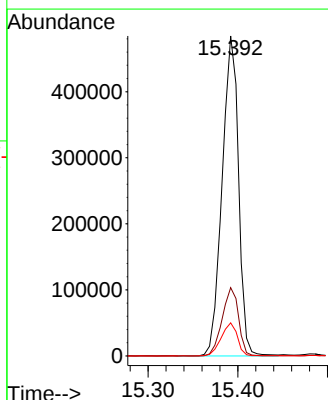
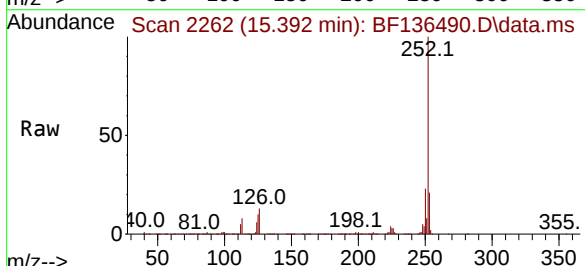
Tgt Ion:252 Resp: 615293

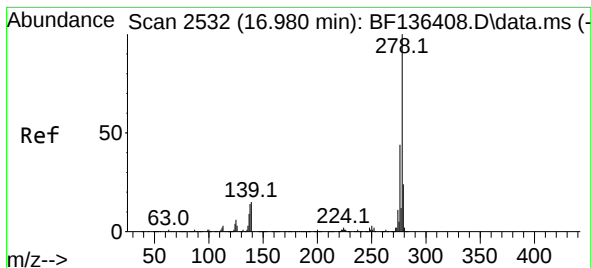
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.4

125 10.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 51.409 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

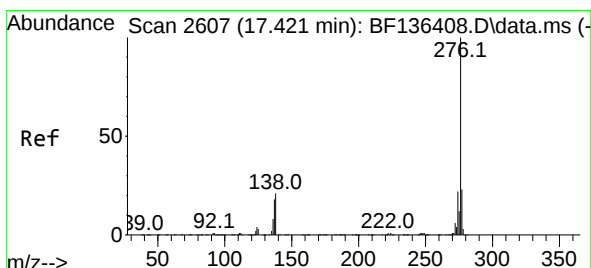
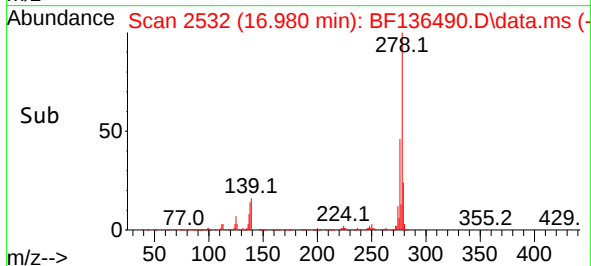
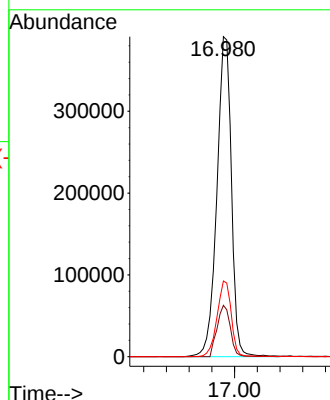
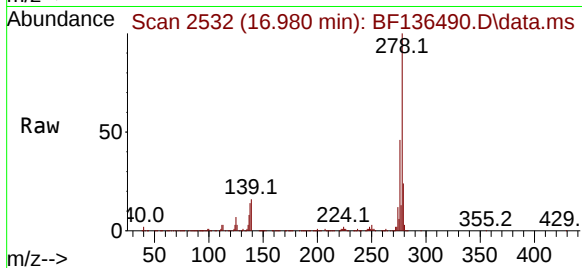
Tgt Ion:278 Resp: 693724

Ion Ratio Lower Upper

278 100

139 16.0 12.2 18.4

279 23.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 50.555 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Tgt Ion:276 Resp: 700206

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 20.2 16.6 25.0

