

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136510.D
 Acq On : 12 Dec 2023 11:55
 Operator : CG\JU
 Sample : PB157670BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157670BS

Quant Time: Dec 12 12:22:41 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	130641	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	550672	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	296630	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	562577	20.000	ng	0.00
76) Chrysene-d12	13.980	240	281029	20.000	ng	0.00
86) Perylene-d12	15.457	264	259818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	996620	112.663	ng	0.02
7) Phenol-d6	6.451	99	1253496	113.574	ng	0.00
23) Nitrobenzene-d5	7.363	82	764087	75.012	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	434138	118.699	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1628748	74.923	ng	0.00
79) Terphenyl-d14	12.922	244	1780158	83.491	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	117442	33.566	ng	98
3) Pyridine	3.416	79	269946	31.858	ng	98
4) n-Nitrosodimethylamine	3.387	42	142014	38.577	ng	100
6) Aniline	6.463	93	397049	35.597	ng	# 10
8) 2-Chlorophenol	6.587	128	400871	41.510	ng	98
9) Benzaldehyde	6.351	77	227144	40.943	ng	95
10) Phenol	6.463	94	462939	39.419	ng	82
11) bis(2-Chloroethyl)ether	6.540	93	349961	39.978	ng	98
12) 1,3-Dichlorobenzene	6.740	146	402338	37.046	ng	98
13) 1,4-Dichlorobenzene	6.816	146	414581	37.631	ng	99
14) 1,2-Dichlorobenzene	6.969	146	395635	38.189	ng	97
15) Benzyl Alcohol	6.945	79	316274	42.794	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	425737	37.814	ng	94
17) 2-Methylphenol	7.063	107	322247	41.303	ng	94
18) Hexachloroethane	7.304	117	144919	37.676	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	254984	40.050	ng	99
20) 3+4-Methylphenols	7.216	107	393839	40.668	ng	# 85
22) Acetophenone	7.210	105	542795	39.917	ng	97
24) Nitrobenzene	7.381	77	382645	37.342	ng	98
25) Isophorone	7.622	82	722902	39.502	ng	97
26) 2-Nitrophenol	7.698	139	211511	41.986	ng	92
27) 2,4-Dimethylphenol	7.739	122	358696	57.745	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	458046	40.732	ng	99
29) 2,4-Dichlorophenol	7.939	162	339215	41.372	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	365927	38.274	ng	97
31) Naphthalene	8.098	128	1162157	38.270	ng	99
32) Benzoic acid	7.881	122	270000	43.816	ng	96
33) 4-Chloroaniline	8.151	127	304212	28.100	ng	99
34) Hexachlorobutadiene	8.210	225	209000	36.886	ng	98
35) Caprolactam	8.534	113	68288	27.045	ng	93
36) 4-Chloro-3-methylphenol	8.639	107	364794	41.903	ng	97
37) 2-Methylnaphthalene	8.792	142	755766	39.120	ng	96
38) 1-Methylnaphthalene	8.892	142	717939	37.871	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	365003	39.551	ng	99
41) Hexachlorocyclopentadiene	8.945	237	375487	109.825	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	251442	41.844	ng	100

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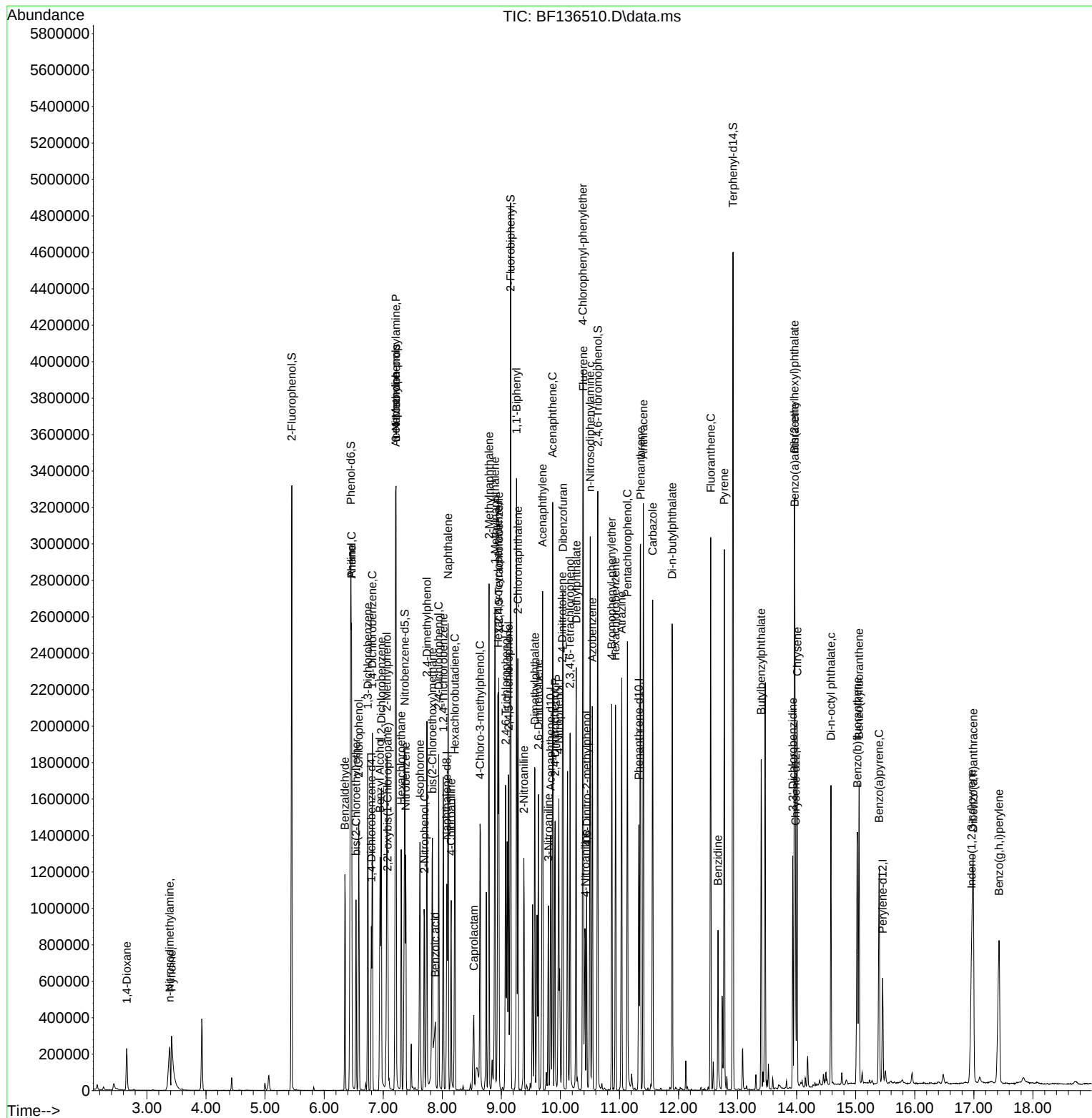
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44) 2,4,5-Trichlorophenol	9.122	196	272508	40.633	ng	96
46) 1,1'-Biphenyl	9.257	154	1004834	39.811	ng	98
47) 2-Chloronaphthalene	9.281	162	749688	38.162	ng	97
48) 2-Nitroaniline	9.381	65	216237	41.041	ng	95
49) Acenaphthylene	9.698	152	1130994	40.415	ng	99
50) Dimethylphthalate	9.569	163	906948	41.529	ng	99
51) 2,6-Dinitrotoluene	9.628	165	197302	40.158	ng	98
52) Acenaphthene	9.869	154	710512	39.621	ng	97
53) 3-Nitroaniline	9.798	138	168187	33.522	ng	99
54) 2,4-Dinitrophenol	9.910	184	219837	88.498	ng	98
55) Dibenzofuran	10.045	168	1043374	39.827	ng	99
56) 4-Nitrophenol	9.975	139	303591	80.719	ng	95
57) 2,4-Dinitrotoluene	10.033	165	267473	41.153	ng	95
58) Fluorene	10.386	166	827912	39.369	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	235229	43.787	ng	99
60) Diethylphthalate	10.269	149	873319	40.667	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	412125	40.200	ng	95
62) 4-Nitroaniline	10.422	138	205263	41.203	ng	98
63) Azobenzene	10.539	77	768450	39.314	ng	96
65) 4,6-Dinitro-2-methylph...	10.445	198	152294	43.711	ng	94
66) n-Nitrosodiphenylamine	10.504	169	748784	41.479	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	267508	40.898	ng	# 93
68) Hexachlorobenzene	10.933	284	302730	40.045	ng	99
69) Atrazine	11.039	200	310428	60.250	ng	98
70) Pentachlorophenol	11.133	266	307513	72.075	ng	98
71) Phenanthrene	11.357	178	1266727	40.966	ng	99
72) Anthracene	11.404	178	1273354	40.885	ng	99
73) Carbazole	11.563	167	1079480	39.160	ng	100
74) Di-n-butylphthalate	11.892	149	1364606	40.382	ng	99
75) Fluoranthene	12.545	202	1207194	37.254	ng	99
77) Benzidine	12.669	184	316415	45.309	ng	99
78) Pyrene	12.774	202	1187855	43.159	ng	99
80) Butylbenzylphthalate	13.398	149	422946	43.168	ng	92
81) Benzo(a)anthracene	13.969	228	810290	41.393	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	250805	45.696	ng	100
83) Chrysene	14.010	228	771973	40.083	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	507090	42.219	ng	99
85) Di-n-octyl phthalate	14.580	149	756769	42.655	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	851296	47.163	ng	99
88) Benzo(b)fluoranthene	15.027	252	725994	40.868	ng	100
89) Benzo(k)fluoranthene	15.057	252	695082	41.519	ng	99
90) Benzo(a)pyrene	15.398	252	631378	43.037	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	710269	48.032	ng	100
92) Benzo(g,h,i)perylene	17.427	276	713709	47.023	ng	100

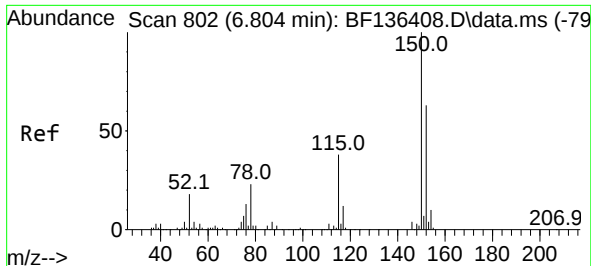
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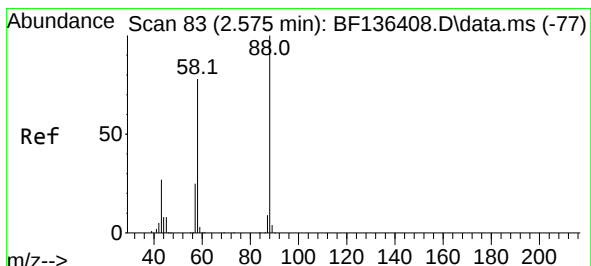
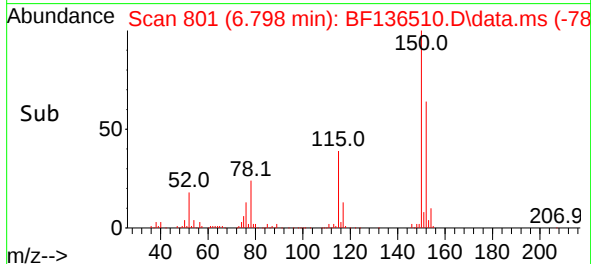
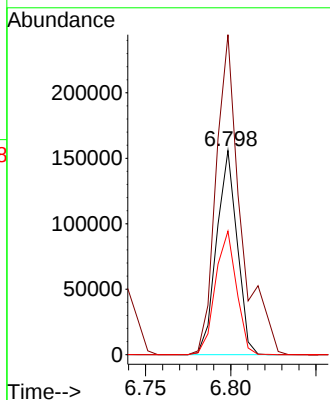
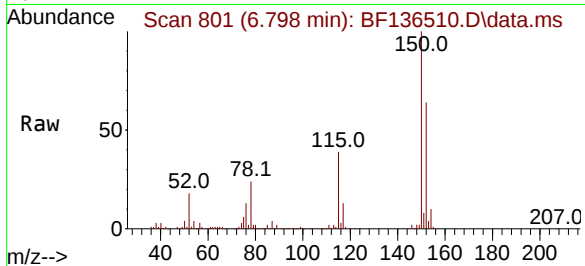




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136510.D
 Acq: 12 Dec 2023 11:55

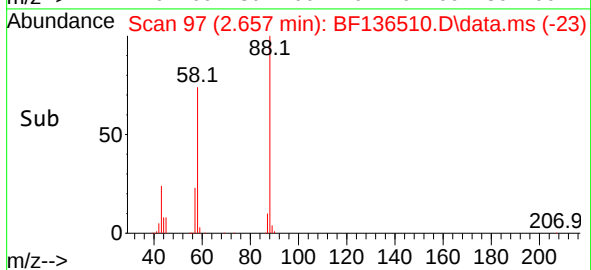
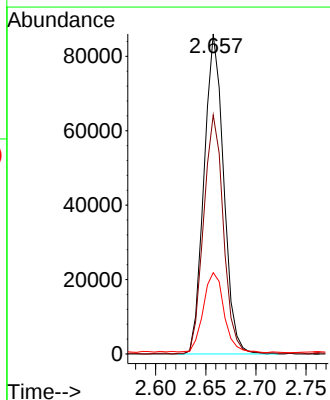
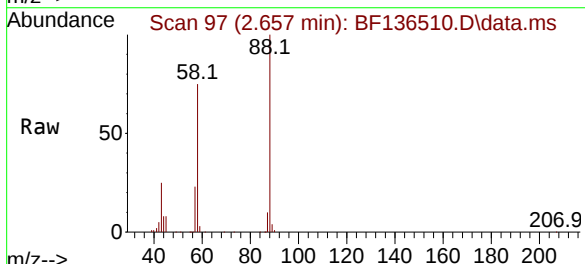
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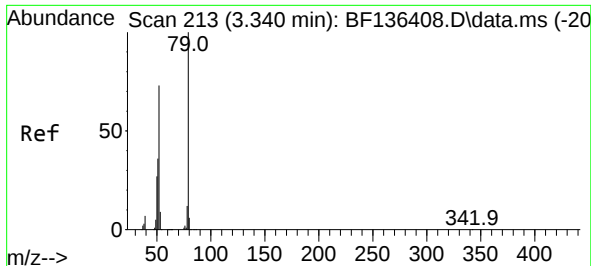
Tgt Ion:152 Resp: 130641
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.4 189.6
 115 60.5 48.2 72.4



#2
 1,4-Dioxane
 Concen: 33.566 ng
 RT: 2.657 min Scan# 97
 Delta R.T. 0.082 min
 Lab File: BF136510.D
 Acq: 12 Dec 2023 11:55

Tgt Ion: 88 Resp: 117442
 Ion Ratio Lower Upper
 88 100
 58 75.7 62.2 93.2
 43 26.5 21.5 32.3

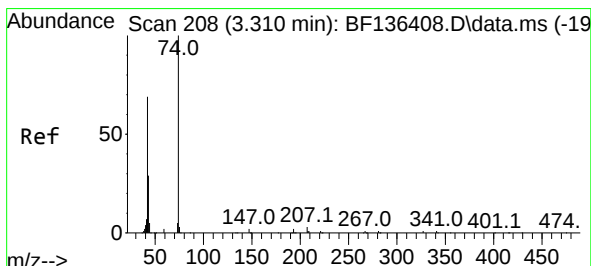
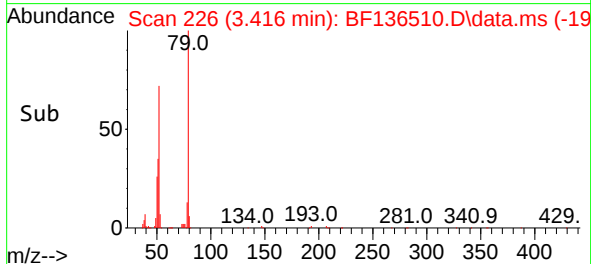
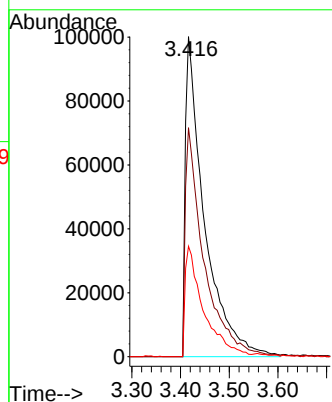
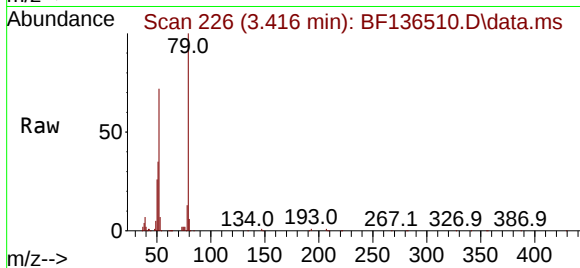




#3
 Pyridine
 Concen: 31.858 ng
 RT: 3.416 min Scan# 21
 Delta R.T. 0.076 min
 Lab File: BF136510.D
 Acq: 12 Dec 2023 11:55

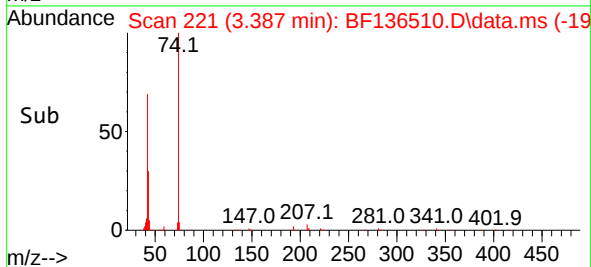
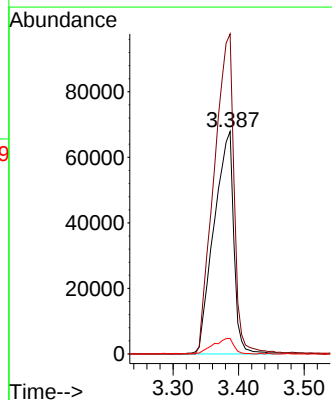
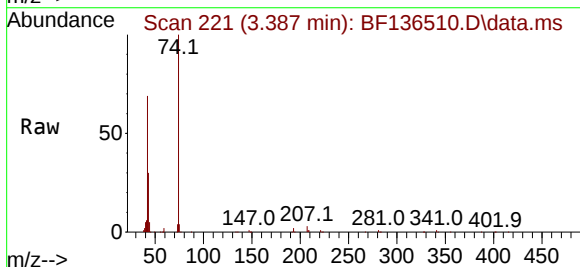
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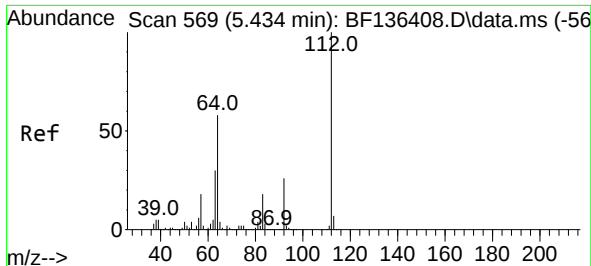
Tgt Ion: 79 Resp: 269946
 Ion Ratio Lower Upper
 79 100
 52 71.6 58.2 87.2
 51 34.5 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 38.577 ng
 RT: 3.387 min Scan# 221
 Delta R.T. 0.076 min
 Lab File: BF136510.D
 Acq: 12 Dec 2023 11:55

Tgt Ion: 42 Resp: 142014
 Ion Ratio Lower Upper
 42 100
 74 143.9 115.4 173.0
 44 7.0 6.2 9.2

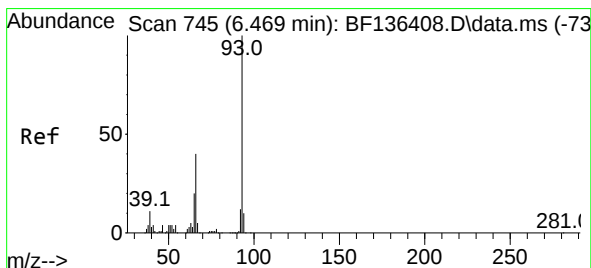
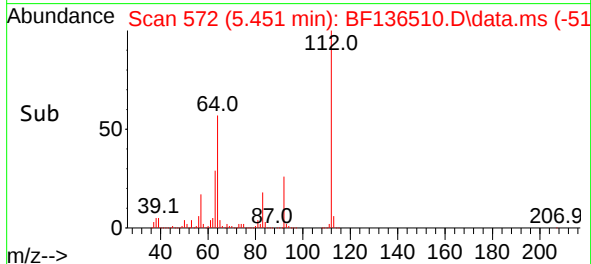
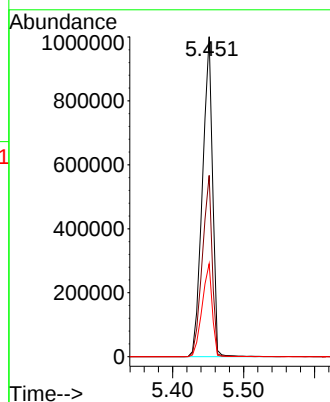
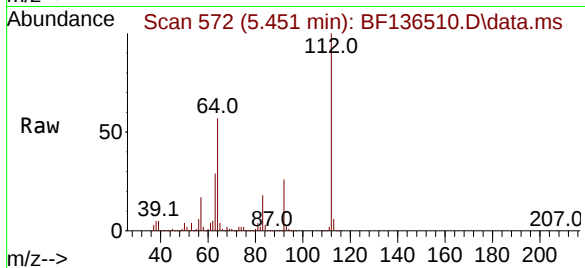




#5
2-Fluorophenol
Concen: 112.663 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

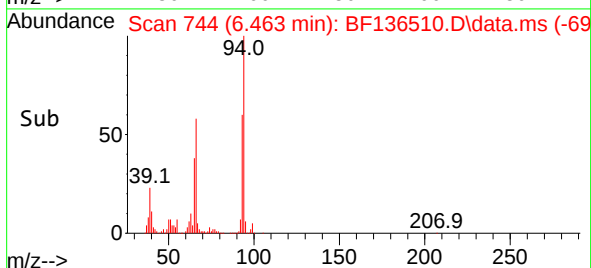
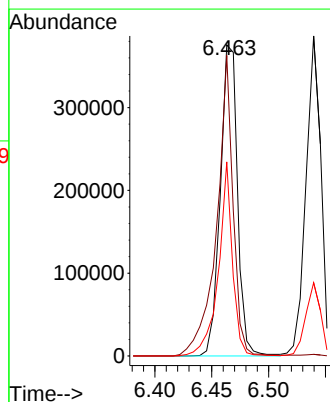
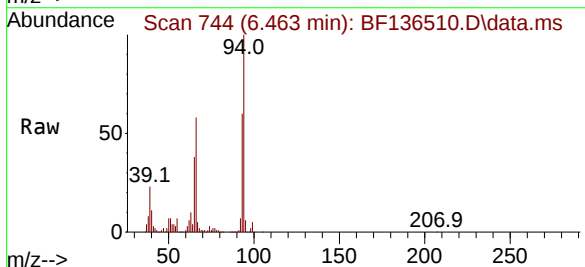
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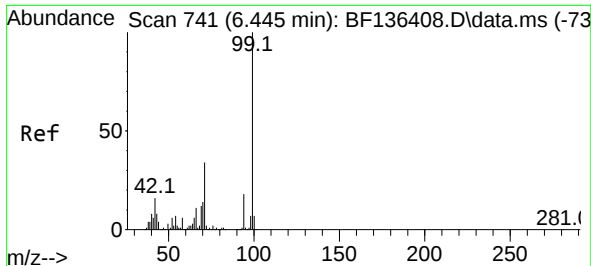
Tgt Ion:112 Resp: 996620
Ion Ratio Lower Upper
112 100
64 56.6 46.5 69.7
63 29.0 23.9 35.9



#6
Aniline
Concen: 35.597 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion: 93 Resp: 397049
Ion Ratio Lower Upper
93 100
66 96.7 32.5 48.7#
65 62.4 16.4 24.6#

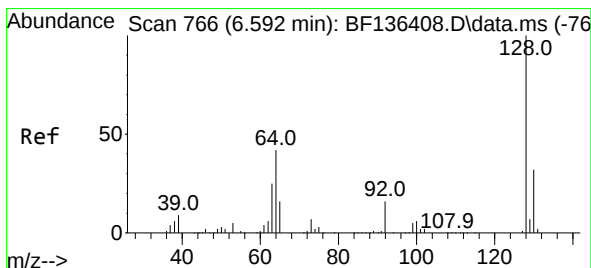
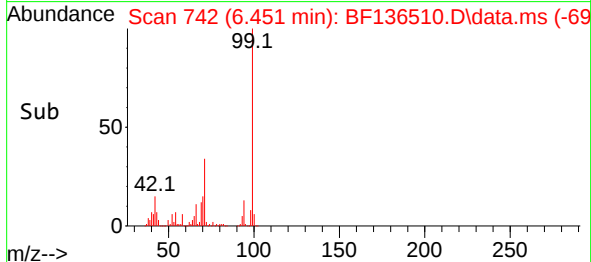
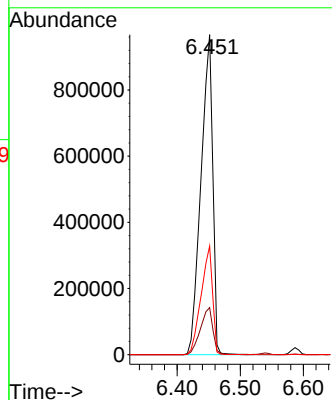
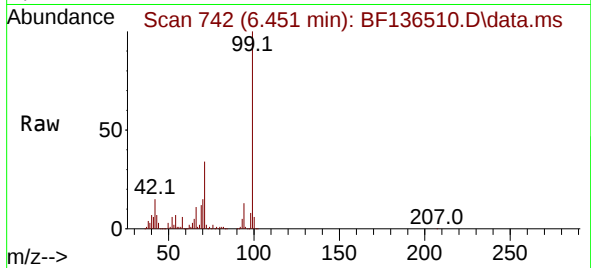




#7
Phenol-d6
Concen: 113.574 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

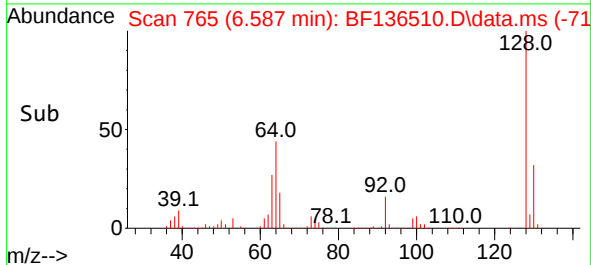
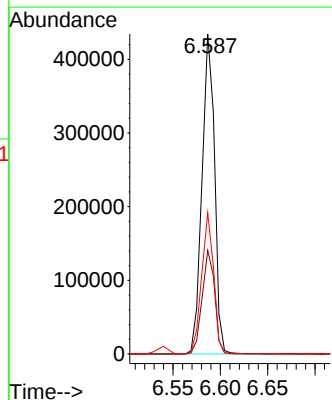
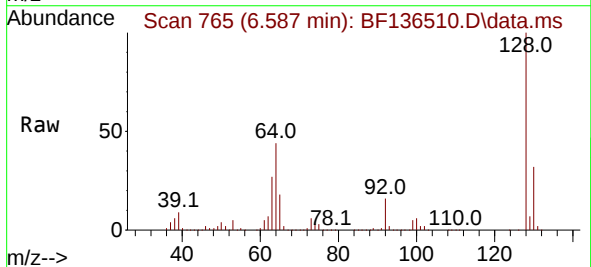
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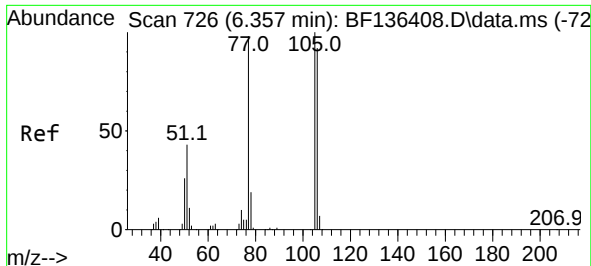
Tgt Ion: 99 Resp: 1253496
Ion Ratio Lower Upper
99 100
42 14.7 12.8 19.2
71 34.0 27.0 40.4



#8
2-Chlorophenol
Concen: 41.510 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion: 128 Resp: 400871
Ion Ratio Lower Upper
128 100
130 32.4 11.7 51.7
64 44.1 22.5 62.5

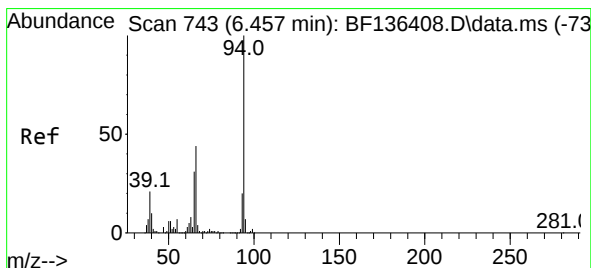
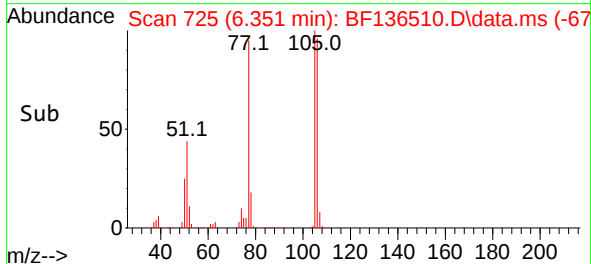
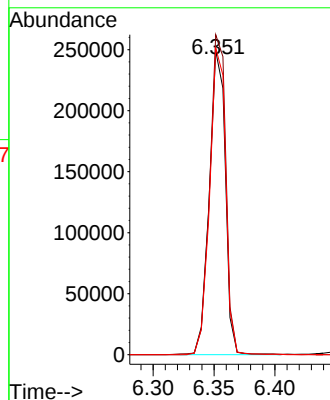
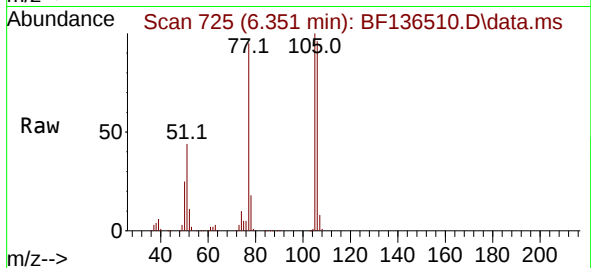




#9
Benzaldehyde
Concen: 40.943 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

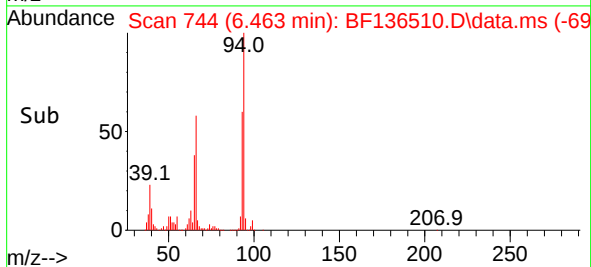
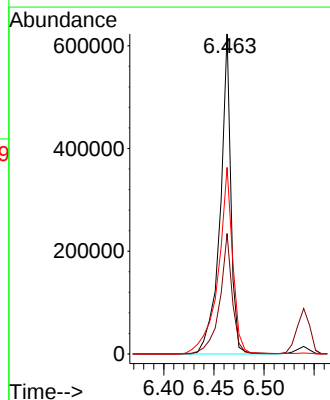
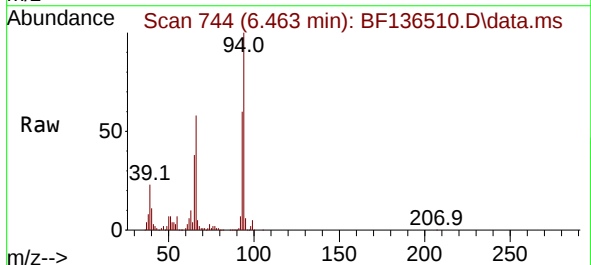
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Tgt Ion: 77 Resp: 227144
Ion Ratio Lower Upper
77 100
105 105.4 82.5 122.5
106 101.0 74.5 114.5



#10
Phenol
Concen: 39.419 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion: 94 Resp: 462939
Ion Ratio Lower Upper
94 100
65 37.6 11.2 51.2
66 58.3 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 39.978 ng

RT: 6.540 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

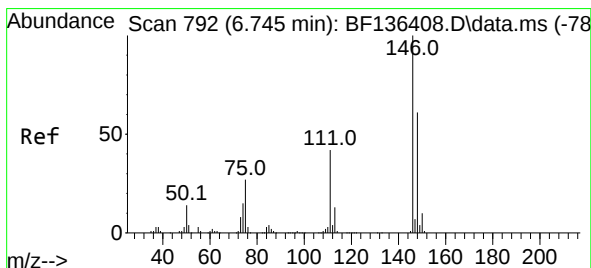
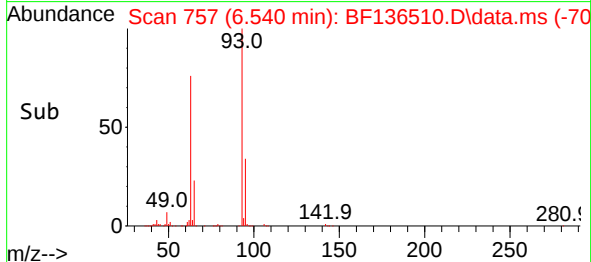
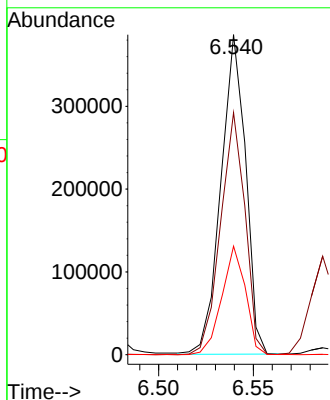
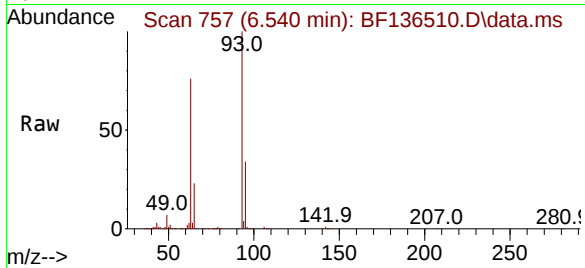
Tgt Ion: 93 Resp: 349961

Ion Ratio Lower Upper

93 100

63 75.7 56.8 96.8

95 33.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.046 ng

RT: 6.740 min Scan# 791

Delta R.T. -0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

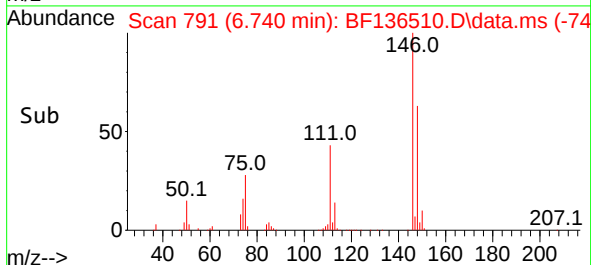
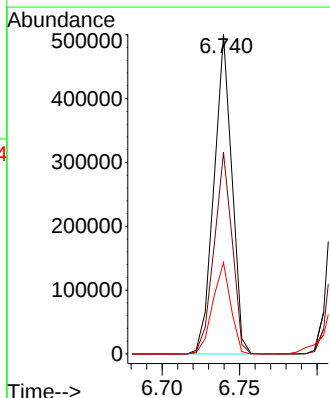
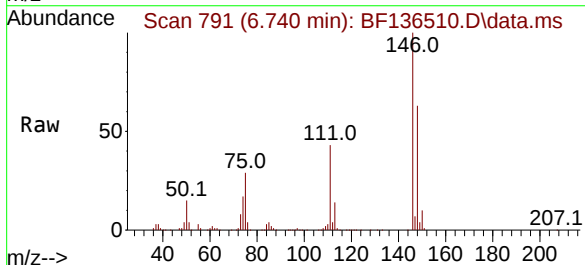
Tgt Ion: 146 Resp: 402338

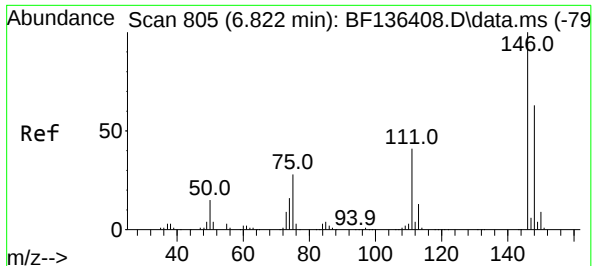
Ion Ratio Lower Upper

146 100

148 63.0 49.0 73.6

75 28.5 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 37.631 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

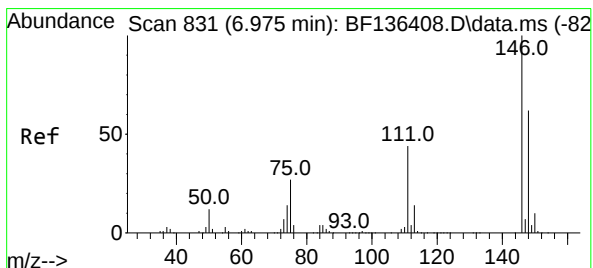
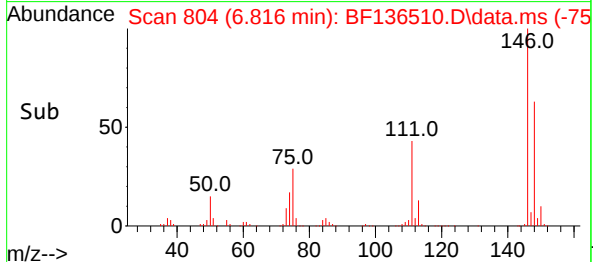
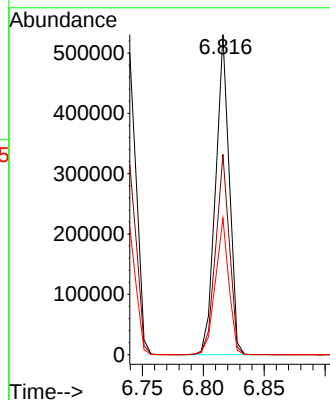
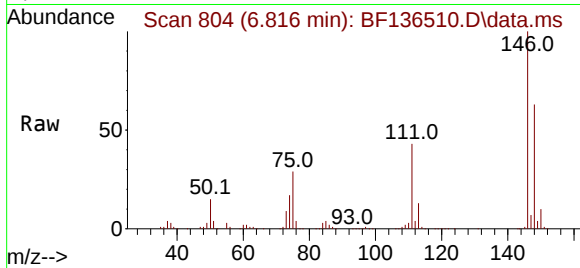
Tgt Ion:146 Resp: 414581

Ion Ratio Lower Upper

146 100

148 62.6 50.3 75.5

111 42.6 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 38.189 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

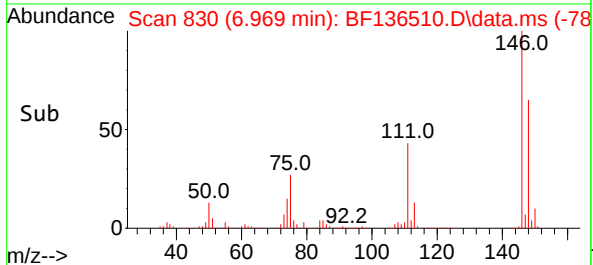
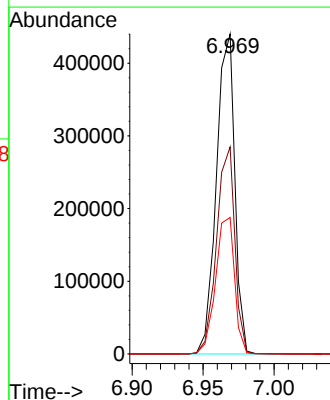
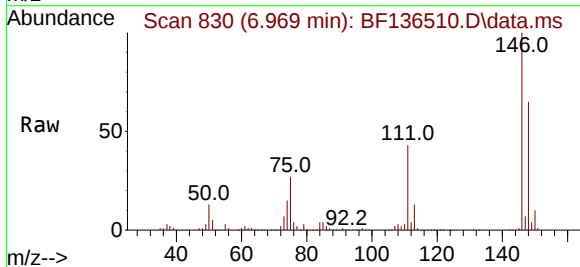
Tgt Ion:146 Resp: 395635

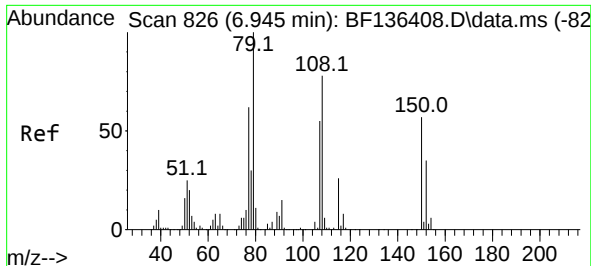
Ion Ratio Lower Upper

146 100

148 64.7 49.8 74.6

111 42.7 34.9 52.3

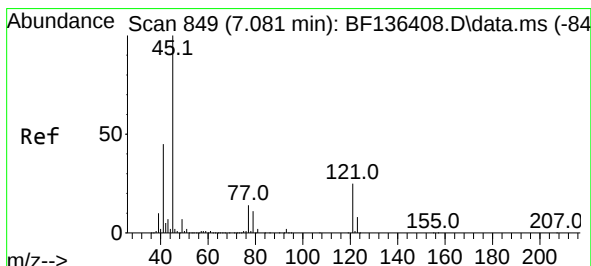
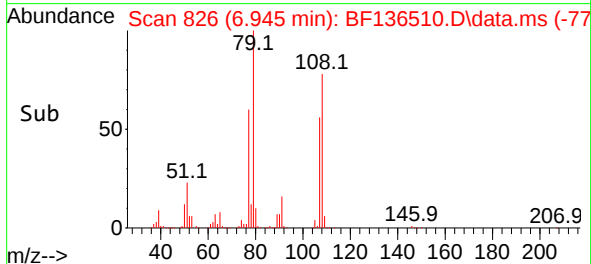
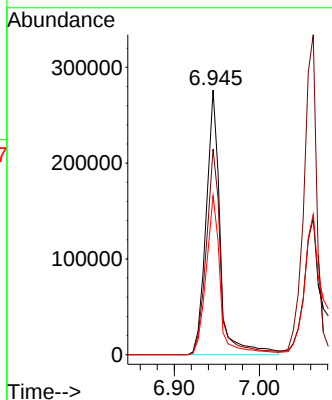
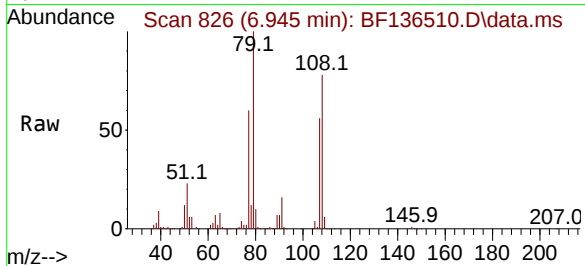




#15
Benzyl Alcohol
Concen: 42.794 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

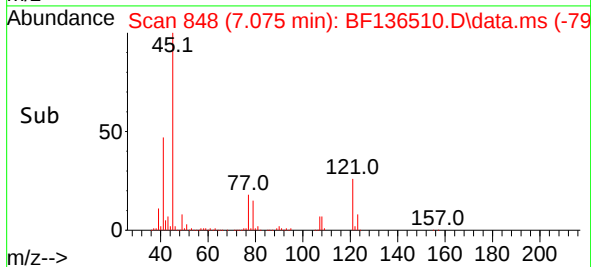
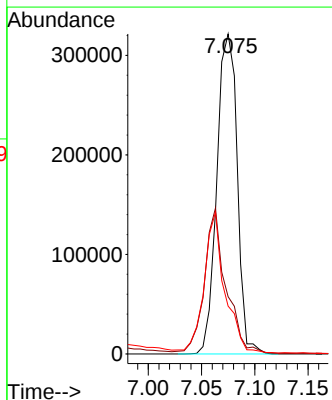
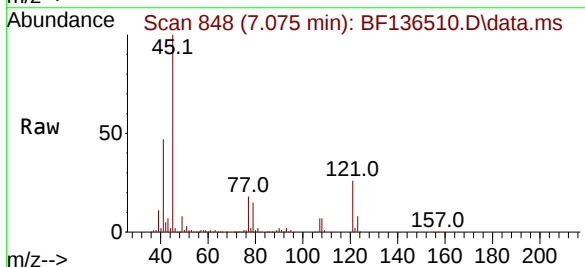
Instrument :
BNA_F
ClientSampleId :
PB157670BS

Tgt Ion: 79 Resp: 316274
Ion Ratio Lower Upper
79 100
108 77.7 62.3 93.5
77 60.1 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.814 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

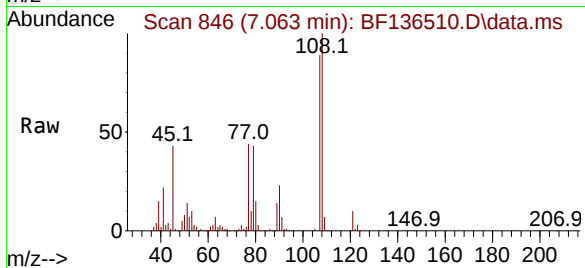
Tgt Ion: 45 Resp: 425737
Ion Ratio Lower Upper
45 100
77 17.9 0.0 35.3
79 15.0 0.0 32.5





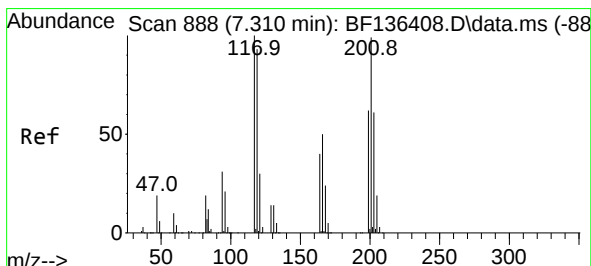
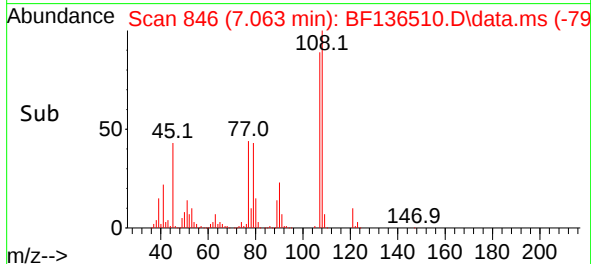
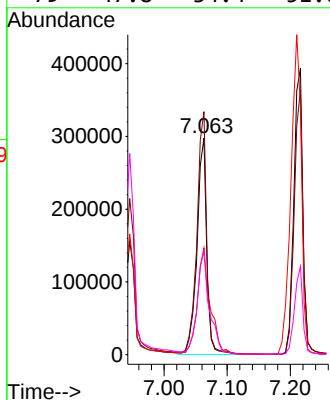
#17
2-Methylphenol
Concen: 41.303 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Instrument :
BNA_F
ClientSampleId :
PB157670BS



Tgt Ion:107 Resp: 322247

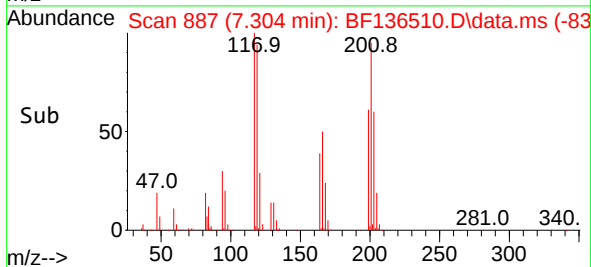
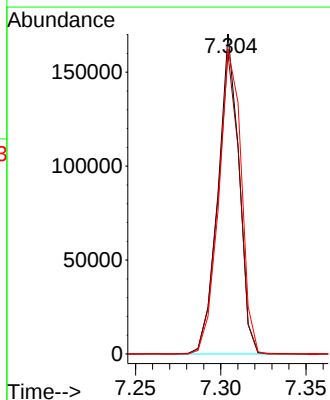
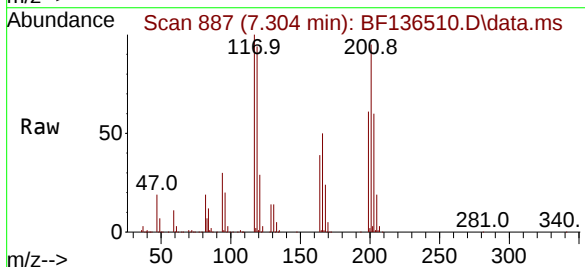
Ion	Ratio	Lower	Upper
107	100		
108	112.2	86.5	129.7
77	49.2	33.8	50.8
79	47.8	34.4	51.6

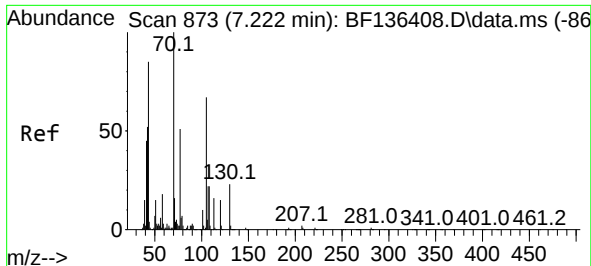


#18
Hexachloroethane
Concen: 37.676 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:117 Resp: 144919

Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.3	111.5
201	95.3	79.3	118.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.050 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

Tgt Ion: 70 Resp: 254984

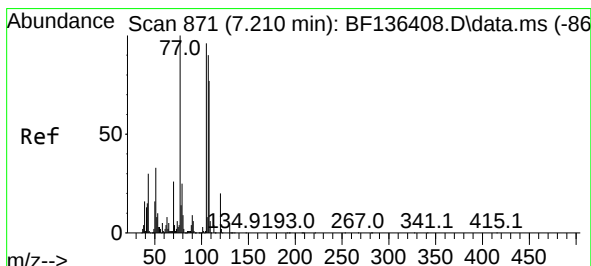
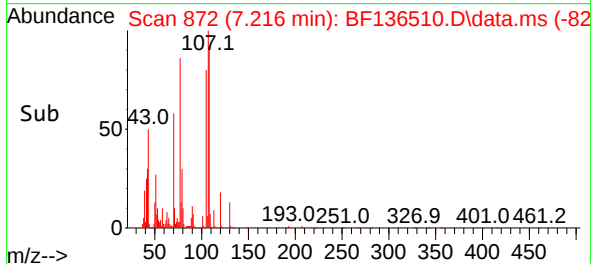
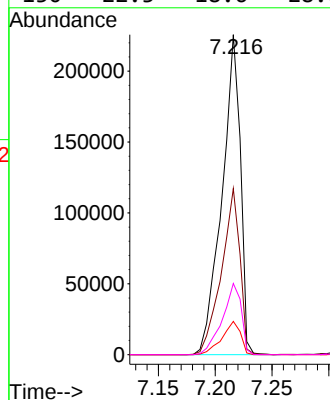
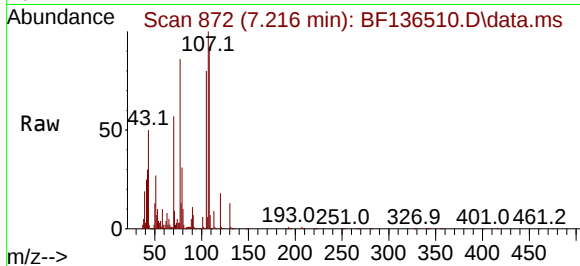
Ion Ratio Lower Upper

70 100

42 51.9 41.4 62.0

101 10.4 8.2 12.4

130 22.3 18.6 28.0



#20

3+4-Methylphenols

Concen: 40.668 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Tgt Ion: 107 Resp: 393839

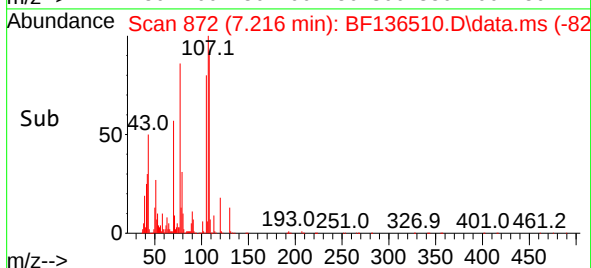
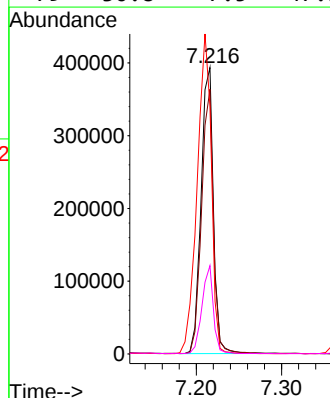
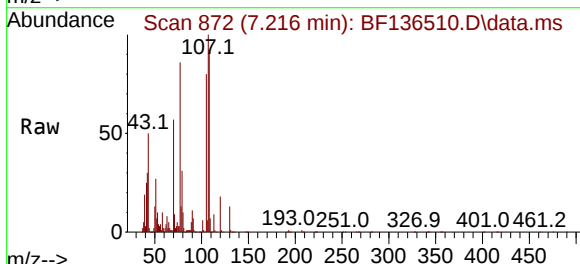
Ion Ratio Lower Upper

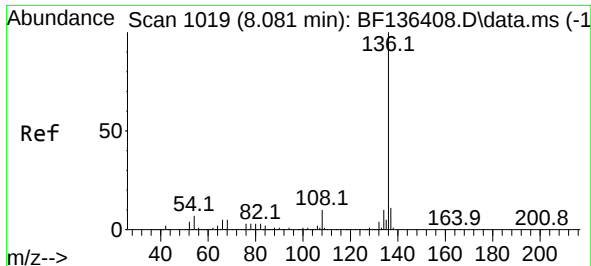
107 100

108 92.4 65.9 105.9

77 86.5 91.7 131.7#

79 30.8 7.5 47.5

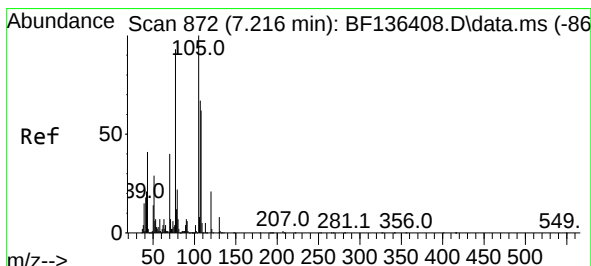
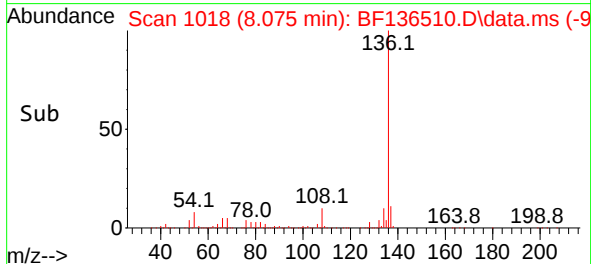
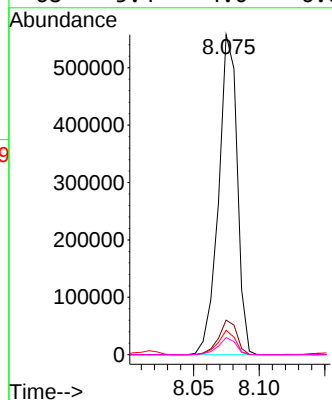
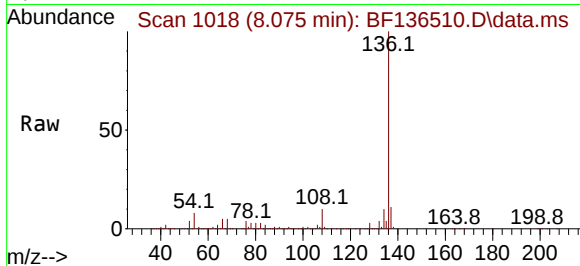




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

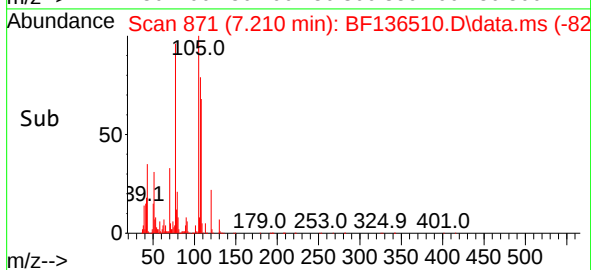
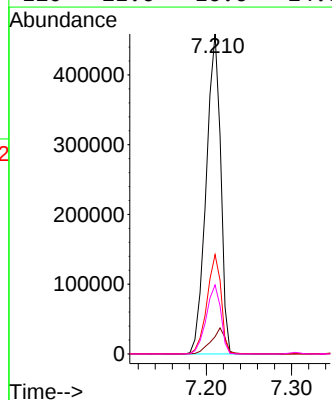
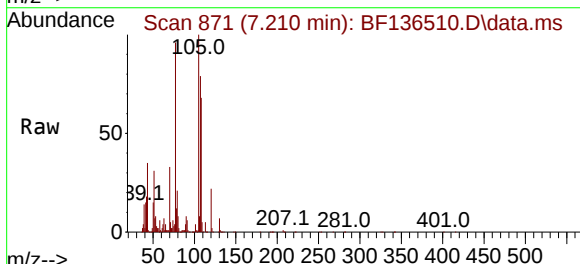
Instrument :
BNA_F
ClientSampleId :
PB157670BS

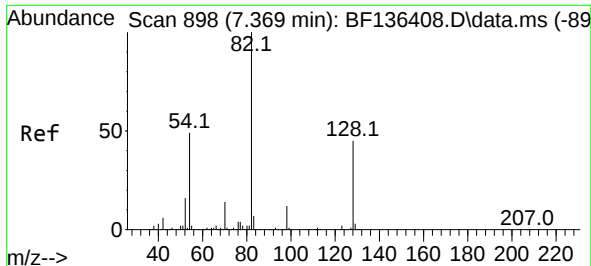
Tgt Ion:136 Resp: 550672
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.6 5.7 8.5
68 5.4 4.0 6.0



#22
Acetophenone
Concen: 39.917 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:105 Resp: 542795
Ion Ratio Lower Upper
105 100
71 5.4 5.4 8.0
51 31.0 23.4 35.2
120 21.6 16.6 24.8





#23

Nitrobenzene-d5

Concen: 75.012 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

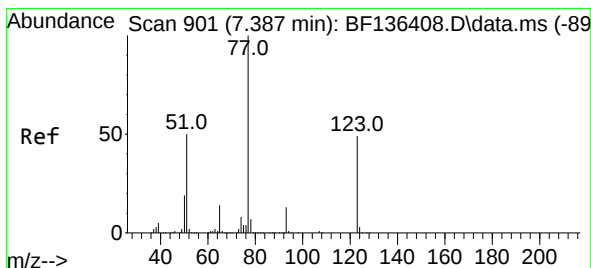
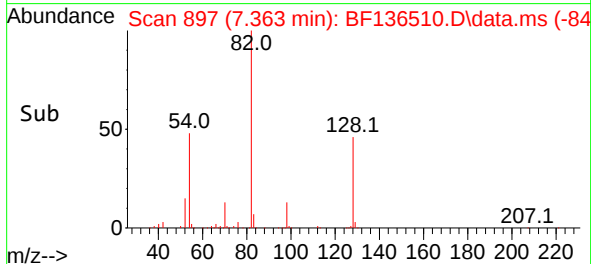
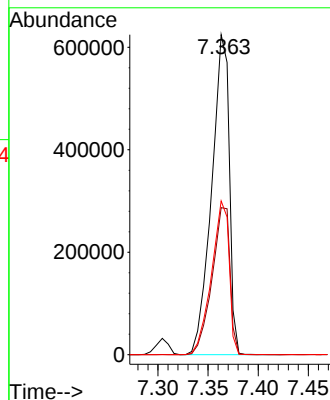
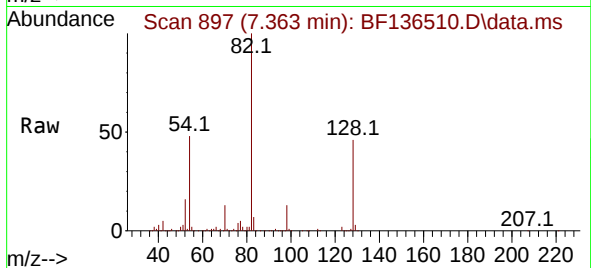
Tgt Ion: 82 Resp: 764087

Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

54 48.1 39.0 58.6



#24

Nitrobenzene

Concen: 37.342 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

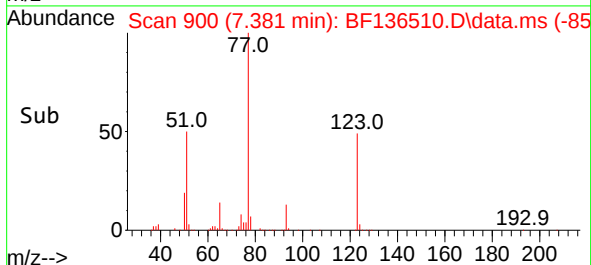
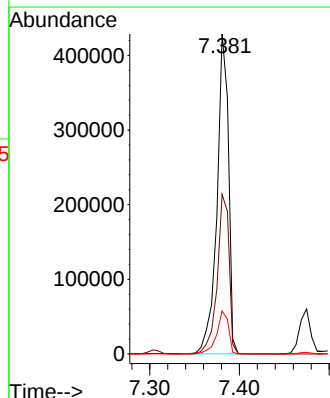
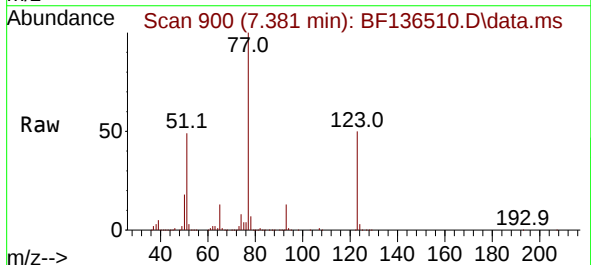
Tgt Ion: 77 Resp: 382645

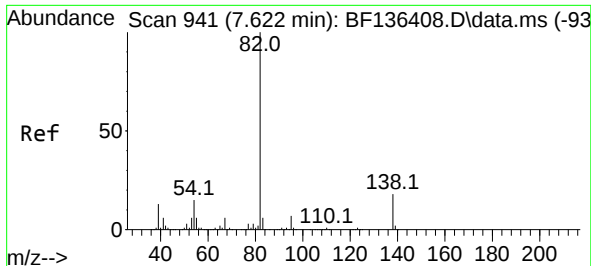
Ion Ratio Lower Upper

77 100

123 49.9 39.0 58.6

65 13.4 11.3 16.9

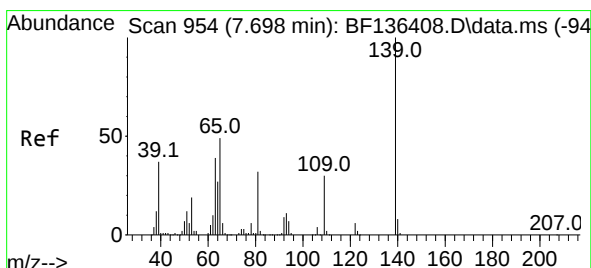
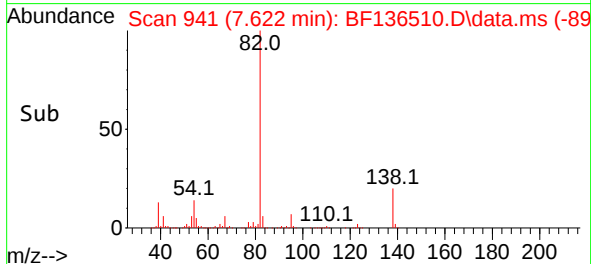
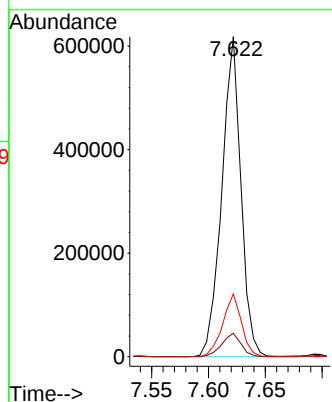
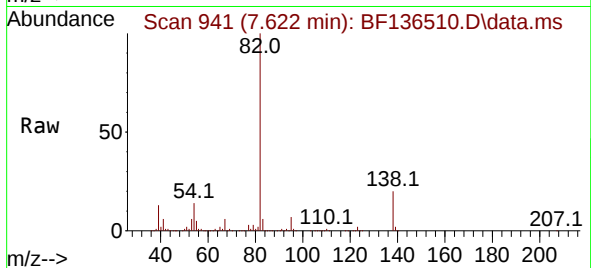




#25
Isophorone
Concen: 39.502 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

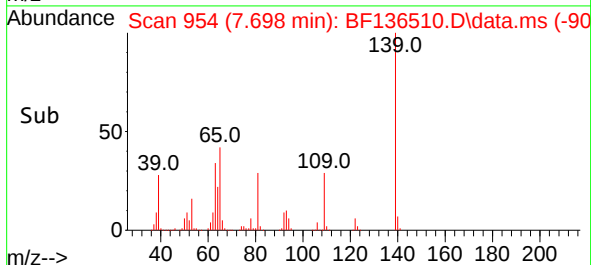
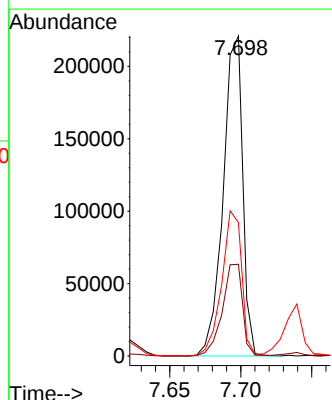
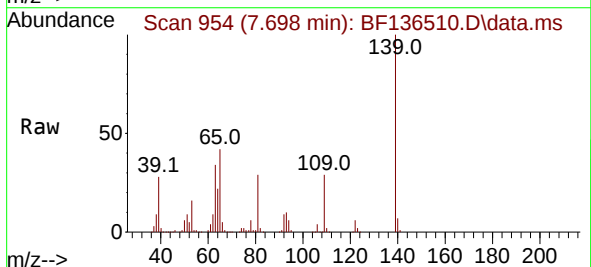
Instrument :
BNA_F
ClientSampleId :
PB157670BS

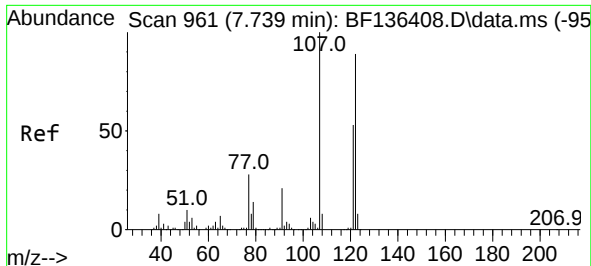
Tgt Ion: 82 Resp: 722902
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.6 14.5 21.7



#26
2-Nitrophenol
Concen: 41.986 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion: 139 Resp: 211511
Ion Ratio Lower Upper
139 100
109 28.7 23.6 35.4
65 41.7 39.4 59.2

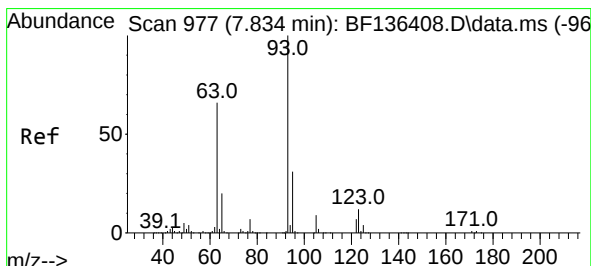
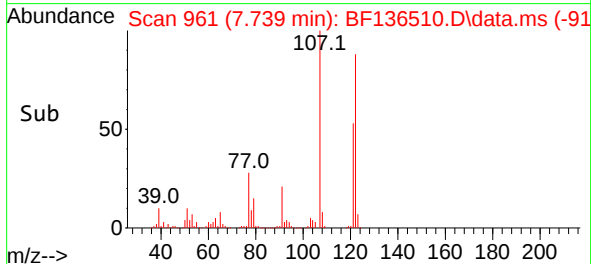
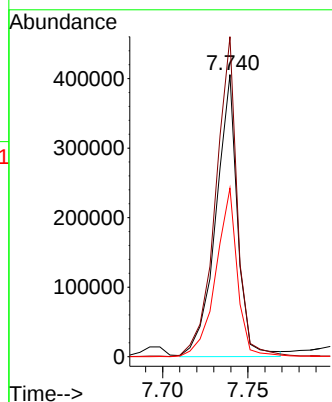
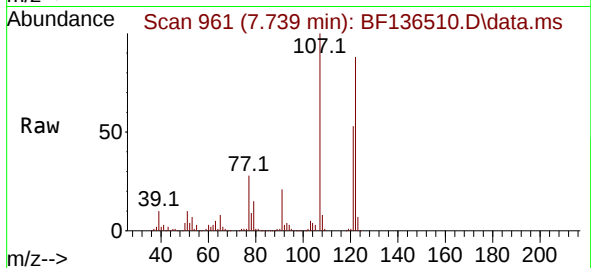




#27
2,4-Dimethylphenol
Concen: 57.745 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

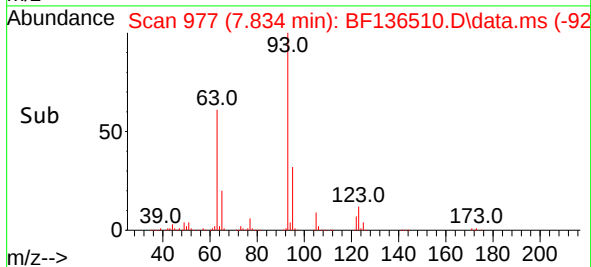
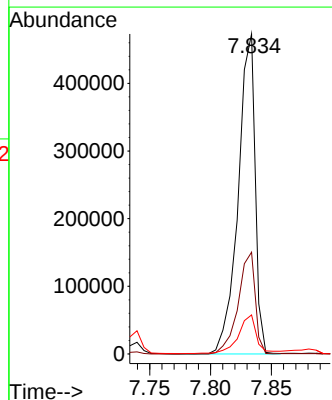
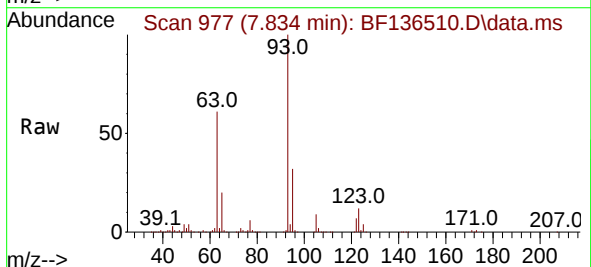
Instrument :
BNA_F
ClientSampleId :
PB157670BS

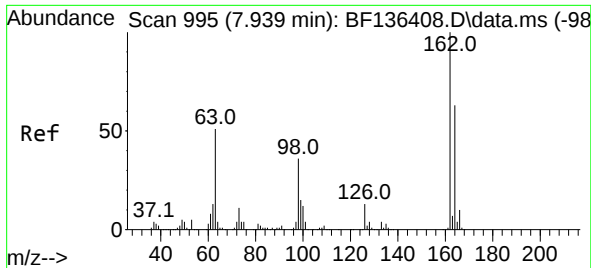
Tgt Ion:122 Resp: 358696
Ion Ratio Lower Upper
122 100
107 113.4 89.3 133.9
121 59.7 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.732 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion: 93 Resp: 458046
Ion Ratio Lower Upper
93 100
95 31.8 25.0 37.4
123 12.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.372 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

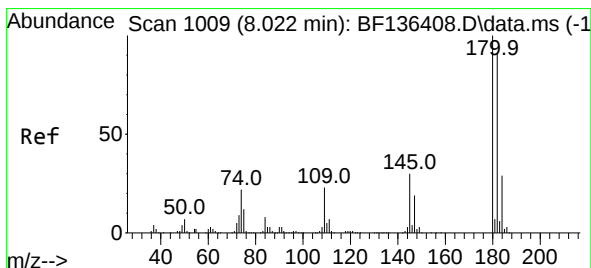
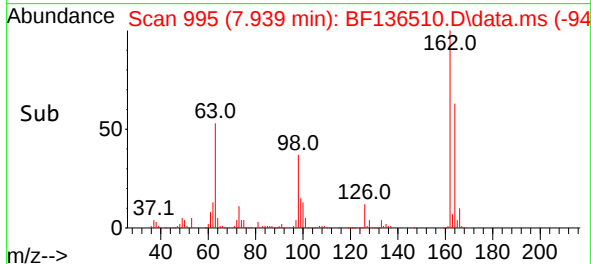
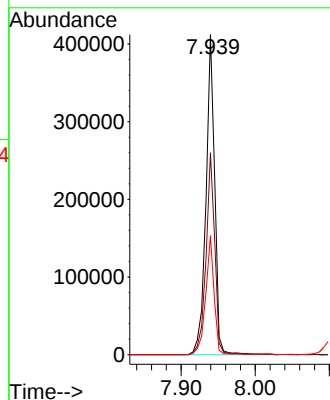
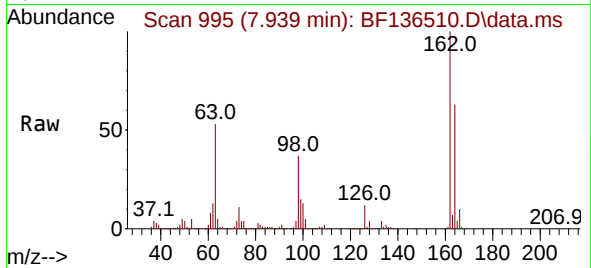
Tgt Ion:162 Resp: 339215

Ion Ratio Lower Upper

162 100

164 63.1 43.0 83.0

98 37.2 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 38.274 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

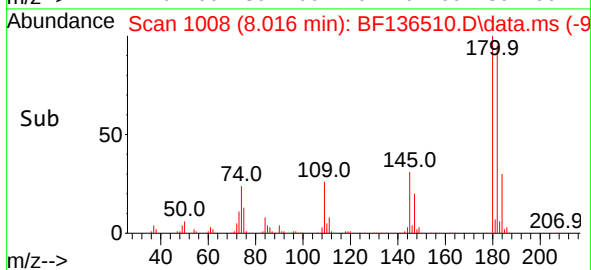
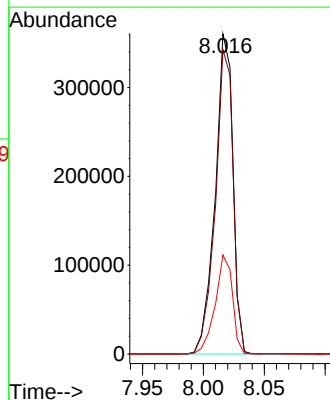
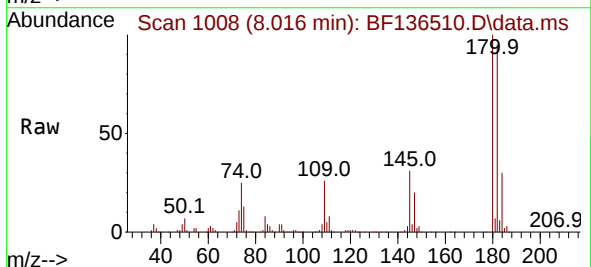
Tgt Ion:180 Resp: 365927

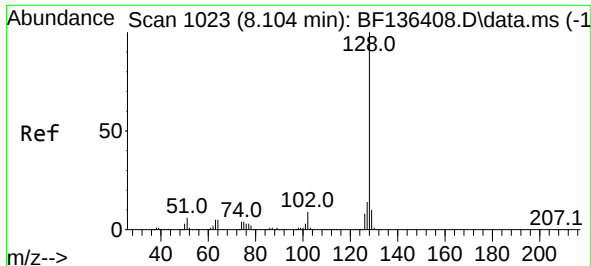
Ion Ratio Lower Upper

180 100

182 95.1 73.1 109.7

145 30.9 23.8 35.8

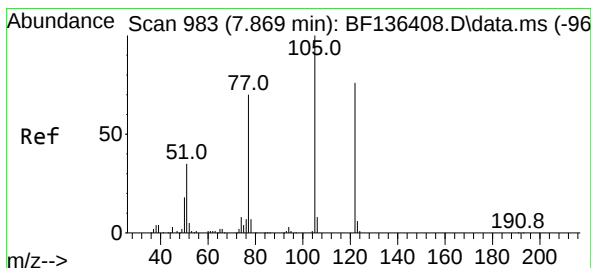
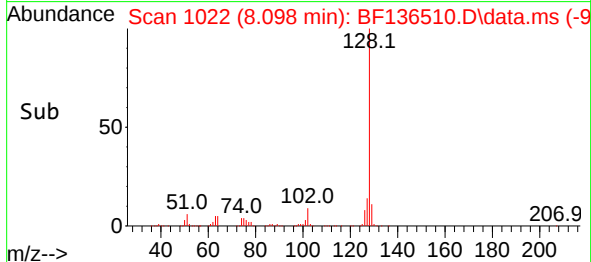
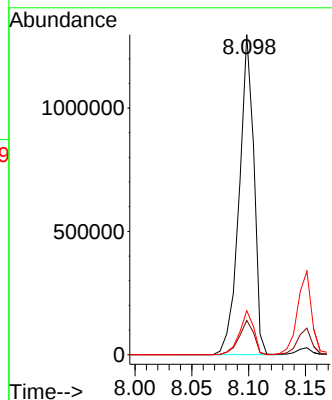
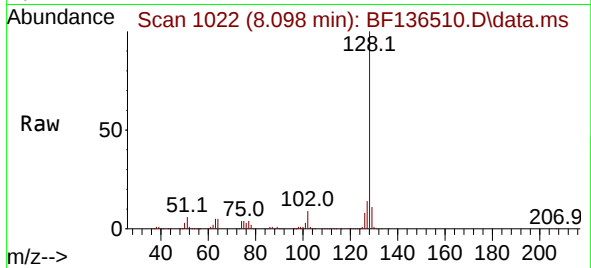




#31
Naphthalene
Concen: 38.270 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

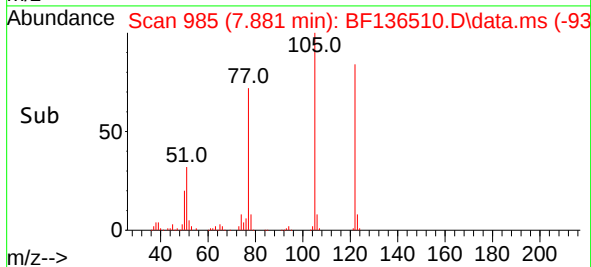
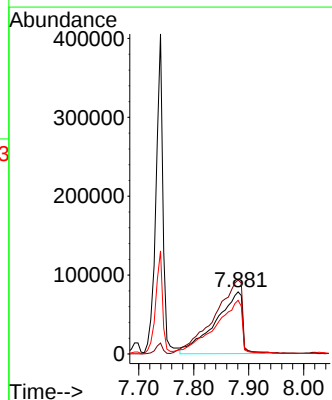
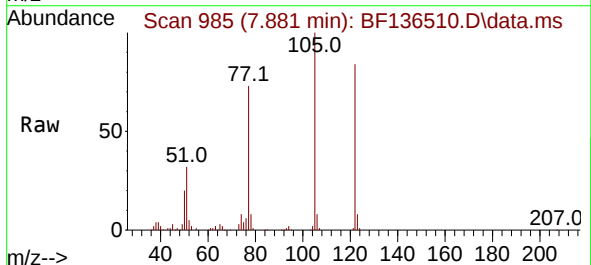
Instrument :
BNA_F
ClientSampleId :
PB157670BS

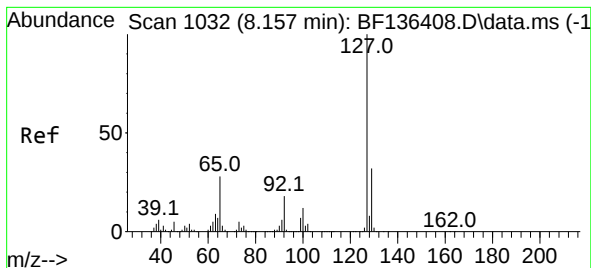
Tgt Ion:128 Resp: 1162157
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 43.816 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:122 Resp: 270000
Ion Ratio Lower Upper
122 100
105 119.1 104.7 144.7
77 86.4 68.5 108.5





#33

4-Chloroaniline

Concen: 28.100 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

Tgt Ion:127 Resp: 304212

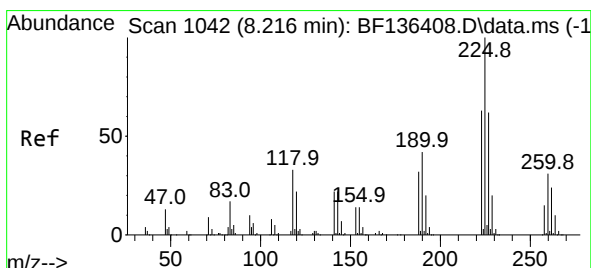
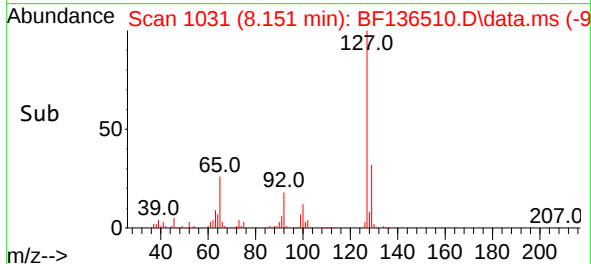
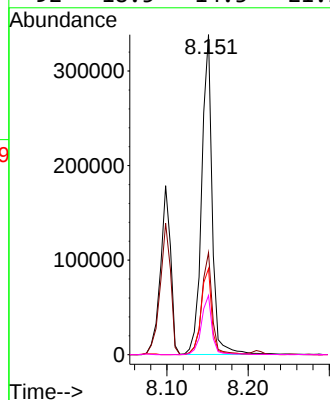
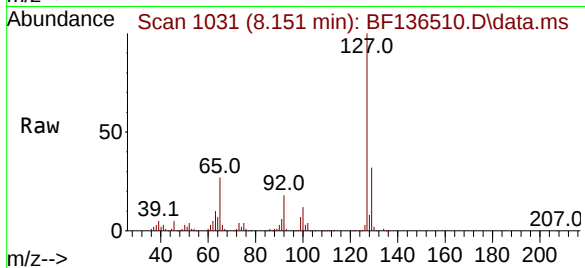
Ion Ratio Lower Upper

127 100

129 31.9 25.4 38.2

65 26.9 22.5 33.7

92 18.5 14.3 21.5



#34

Hexachlorobutadiene

Concen: 36.886 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

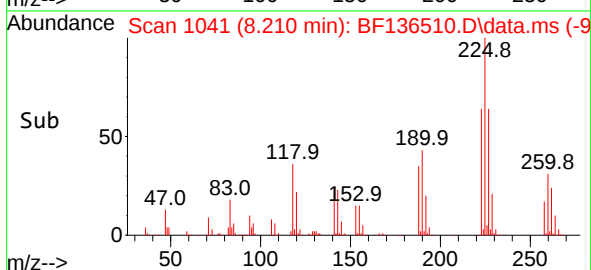
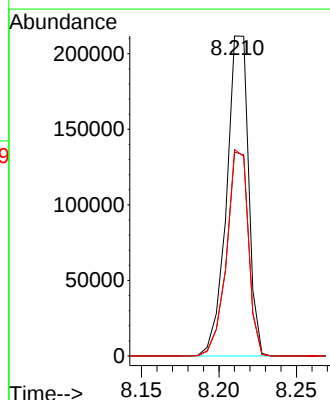
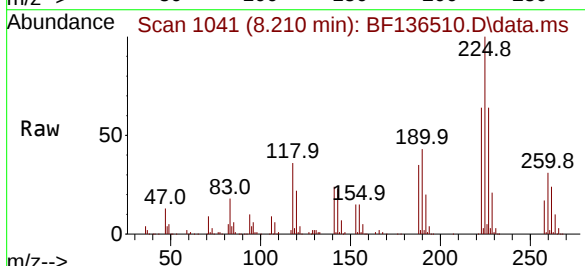
Tgt Ion:225 Resp: 209000

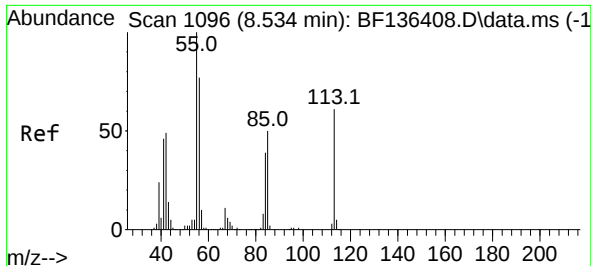
Ion Ratio Lower Upper

225 100

223 63.7 50.8 76.2

227 64.5 49.8 74.8

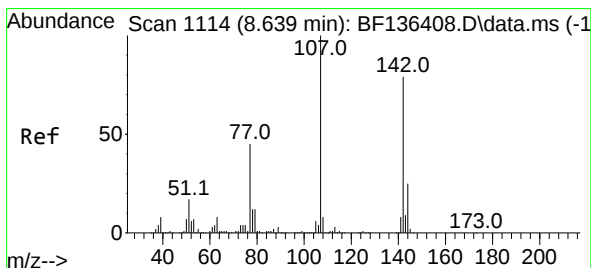
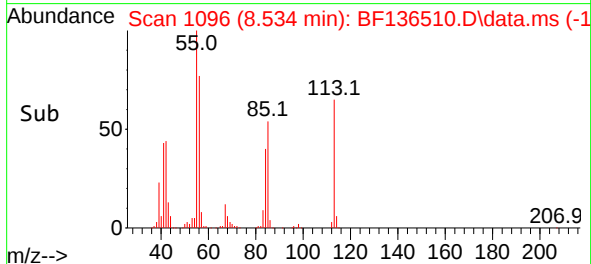
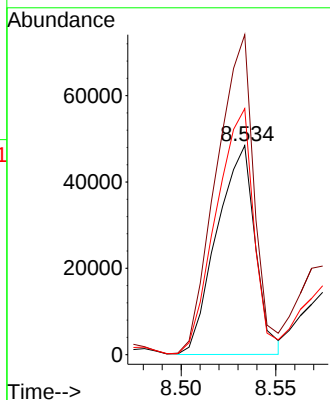
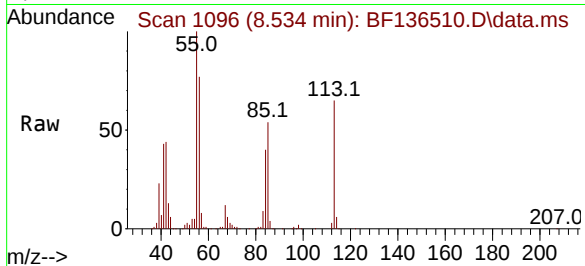




#35
 Caprolactam
 Concen: 27.045 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: BF136510.D
 Acq: 12 Dec 2023 11:55

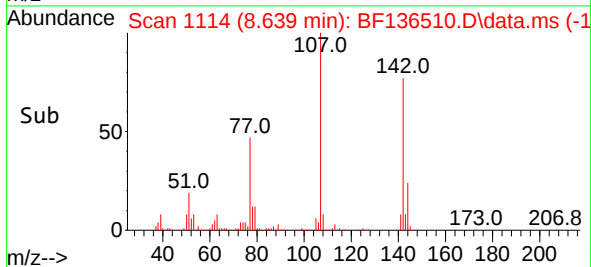
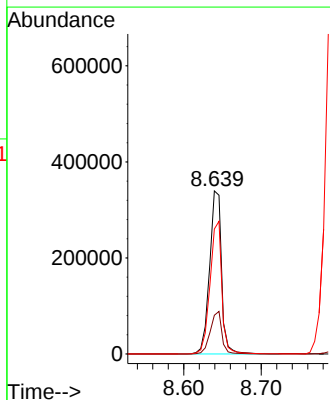
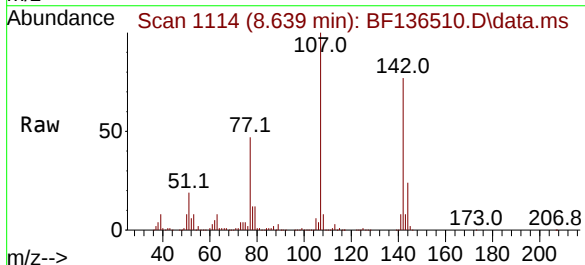
Instrument :
 BNA_F
 ClientSampleId :
 PB157670BS

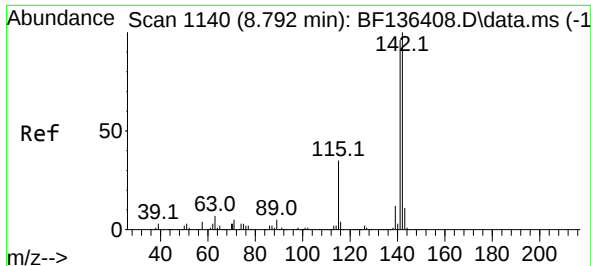
Tgt Ion:113 Resp: 68288
 Ion Ratio Lower Upper
 113 100
 55 153.0 143.7 183.7
 56 117.6 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.903 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136510.D
 Acq: 12 Dec 2023 11:55

Tgt Ion:107 Resp: 364794
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.1 30.1
 142 76.7 63.1 94.7





#37

2-Methylnaphthalene

Concen: 39.120 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

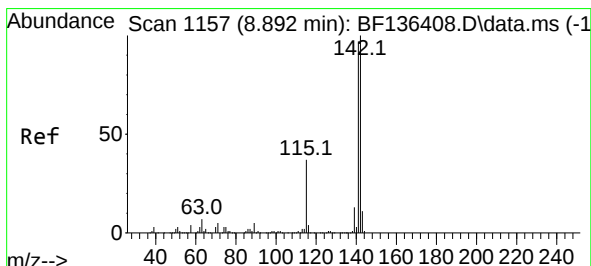
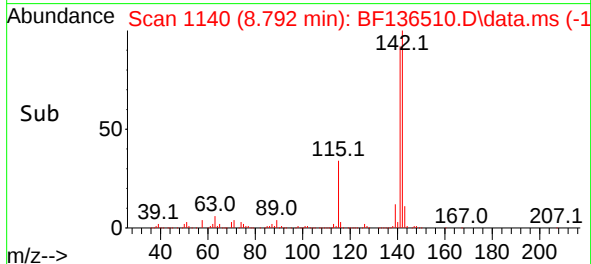
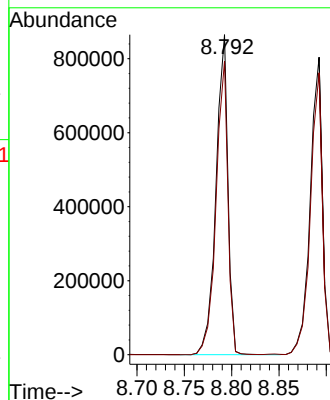
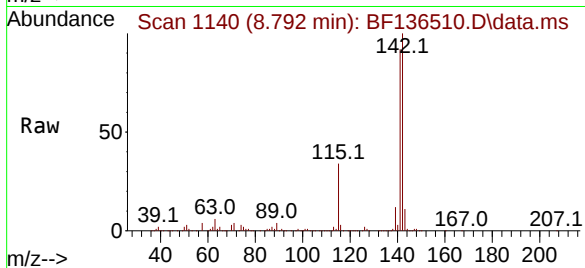
PB157670BS

Tgt Ion:142 Resp: 755766

Ion Ratio Lower Upper

142 100

141 91.7 76.4 114.6



#38

1-Methylnaphthalene

Concen: 37.871 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF136510.D

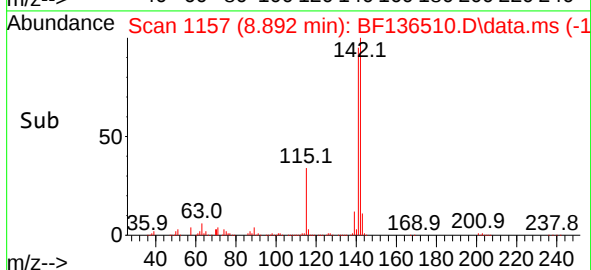
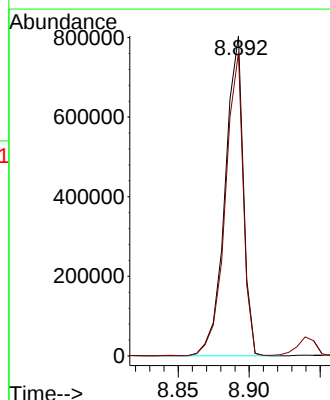
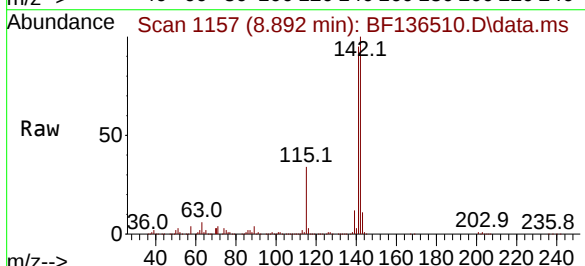
Acq: 12 Dec 2023 11:55

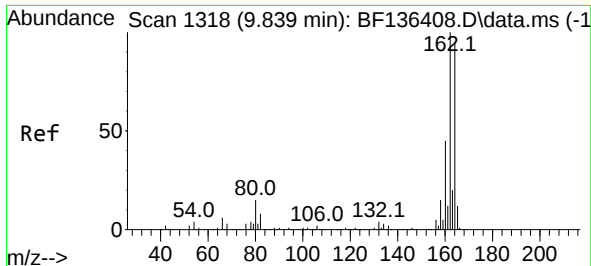
Tgt Ion:142 Resp: 717939

Ion Ratio Lower Upper

142 100

141 94.8 77.7 116.5

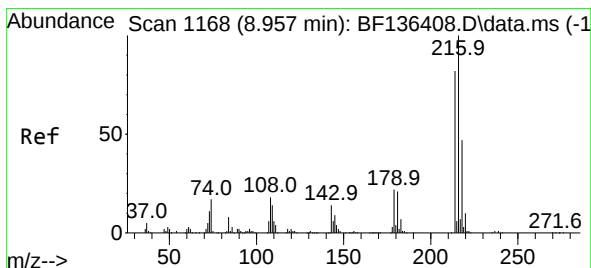
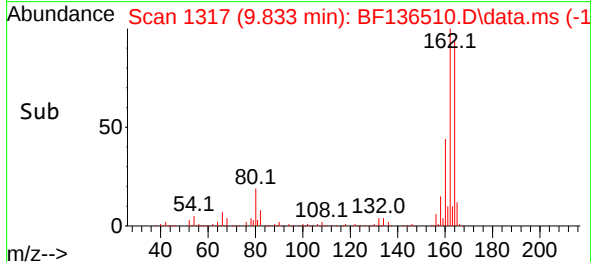
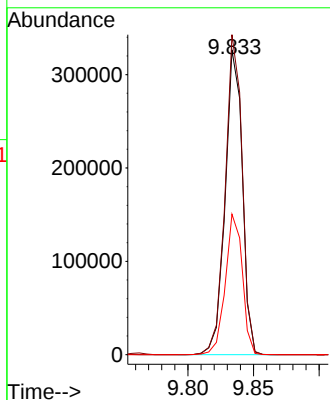
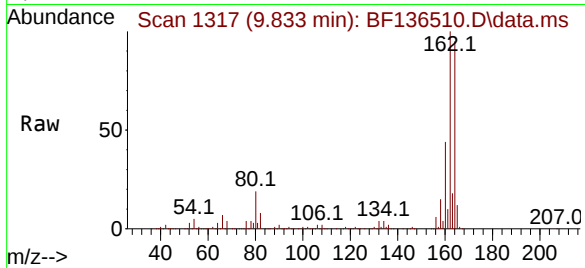




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

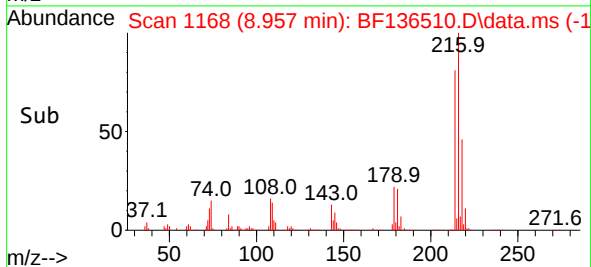
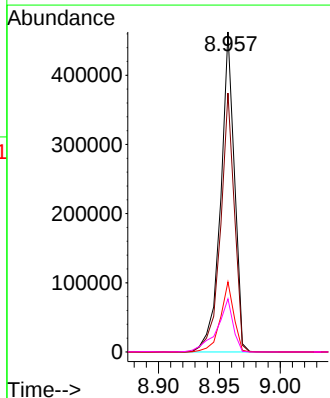
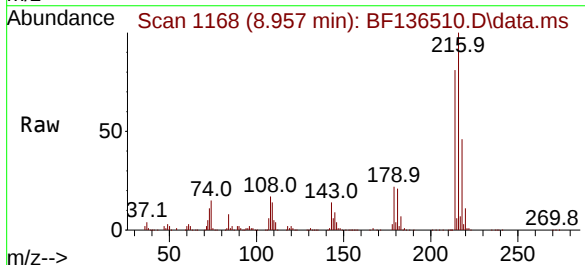
Instrument :
BNA_F
ClientSampleId :
PB157670BS

Tgt Ion:164 Resp: 296630
Ion Ratio Lower Upper
164 100
162 105.0 84.4 126.6
160 46.1 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.551 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:216 Resp: 365003
Ion Ratio Lower Upper
216 100
214 80.7 64.1 96.1
179 21.4 17.0 25.6
108 19.3 14.1 21.1

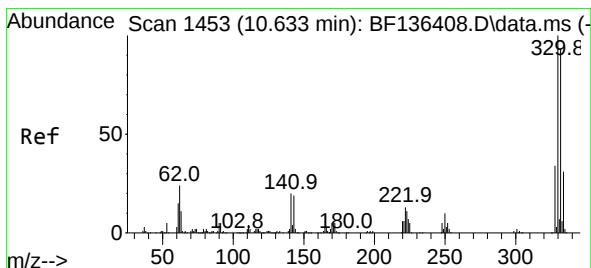
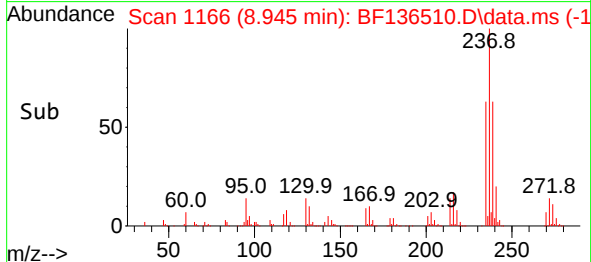
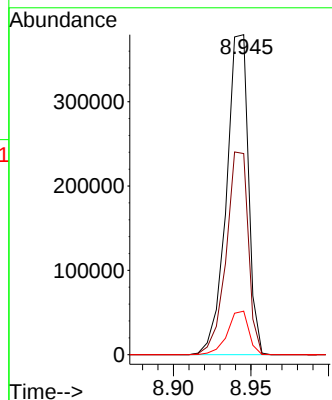
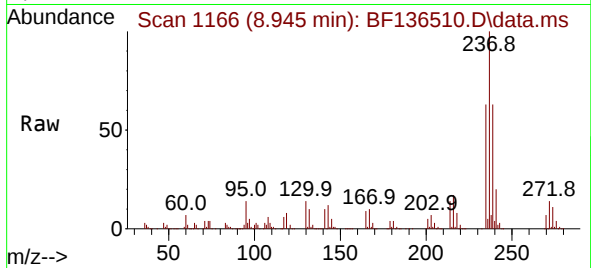




#41
Hexachlorocyclopentadiene
Concen: 109.825 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

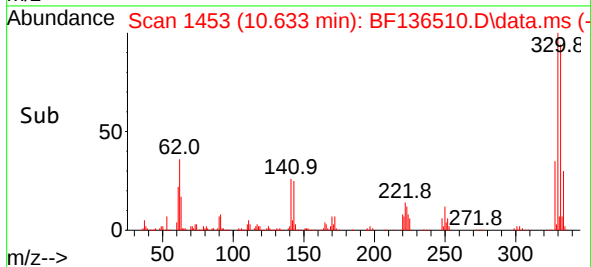
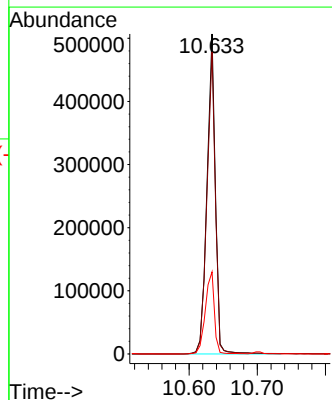
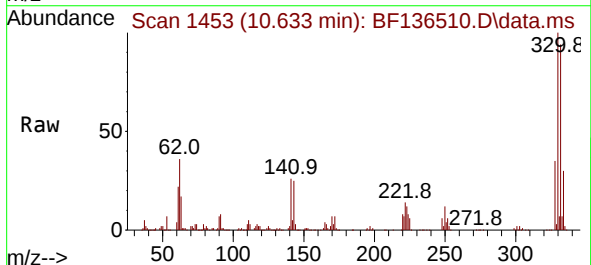
Instrument :
BNA_F
ClientSampleId :
PB157670BS

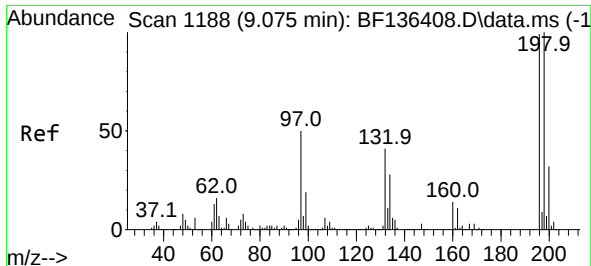
Tgt Ion:237 Resp: 375487
Ion Ratio Lower Upper
237 100
235 62.8 44.1 84.1
272 13.6 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 118.699 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

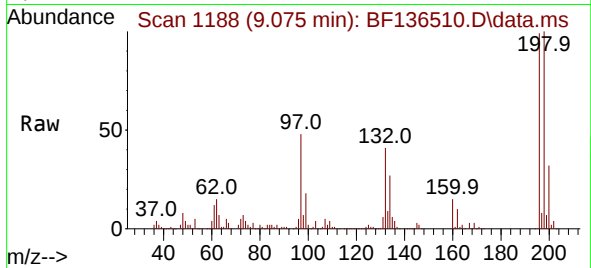
Tgt Ion:330 Resp: 434138
Ion Ratio Lower Upper
330 100
332 95.4 76.4 114.6
141 27.7 23.4 35.2



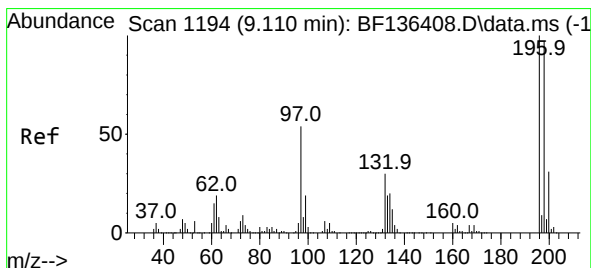
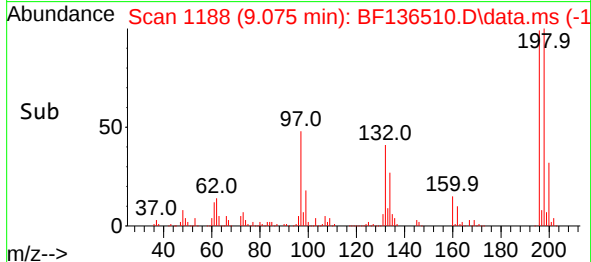
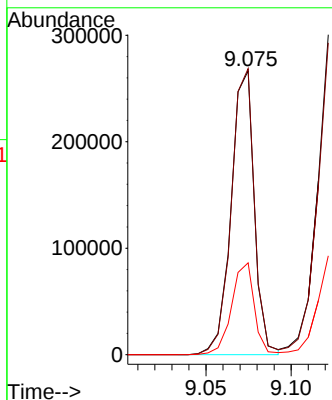


#43
2,4,6-Trichlorophenol
Concen: 41.844 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Instrument :
BNA_F
ClientSampleId :
PB157670BS

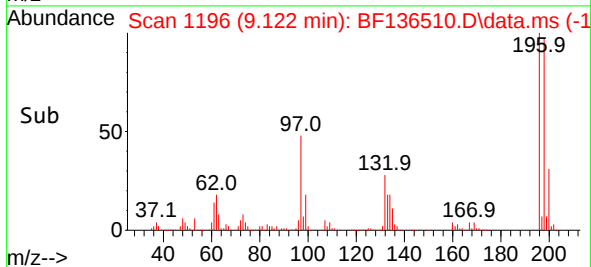
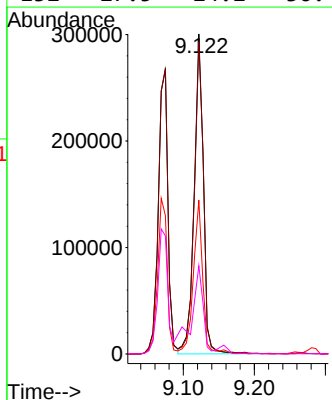
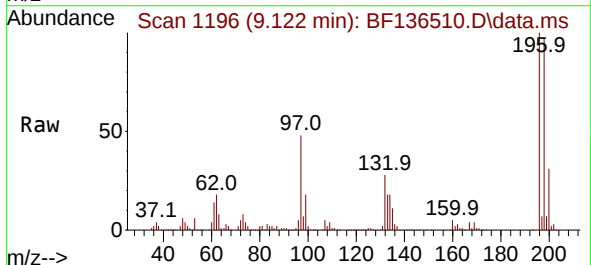


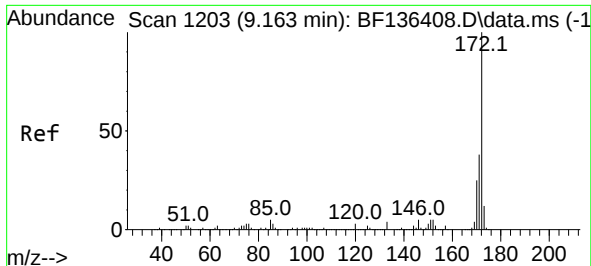
Tgt Ion:196 Resp: 251442
Ion Ratio Lower Upper
196 100
198 100.8 80.4 120.6
200 32.3 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 40.633 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:196 Resp: 272508
Ion Ratio Lower Upper
196 100
198 97.4 78.1 117.1
97 48.1 43.4 65.2
132 27.5 24.2 36.4

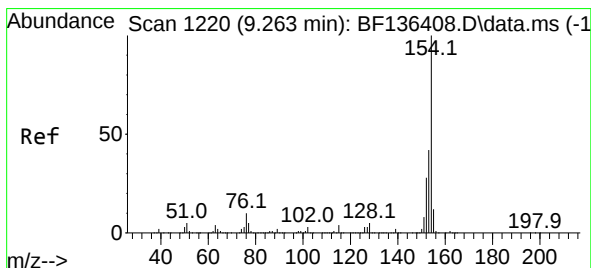
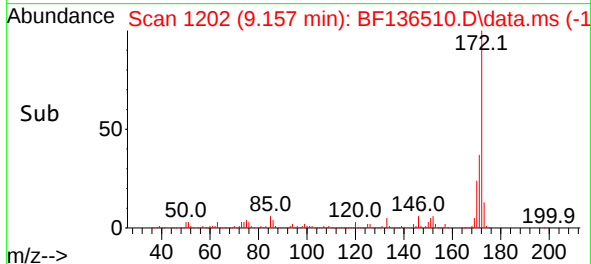
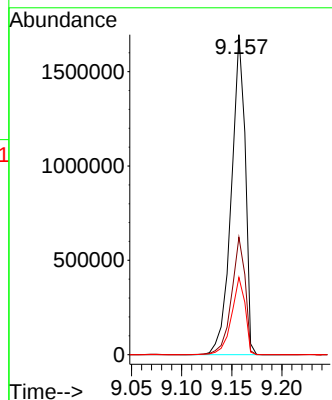
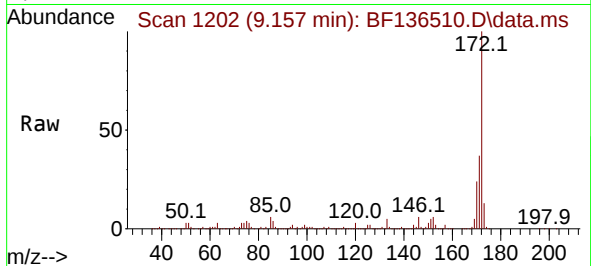




#45
2-Fluorobiphenyl
Concen: 74.923 ng
RT: 9.157 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

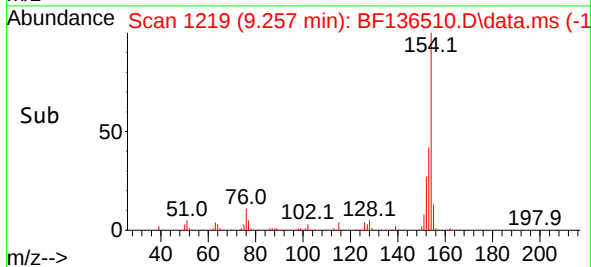
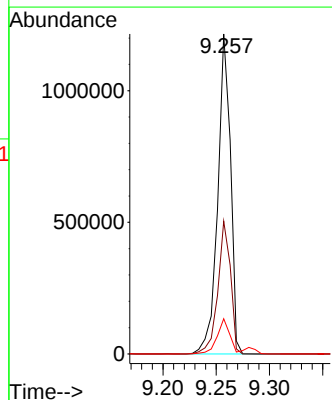
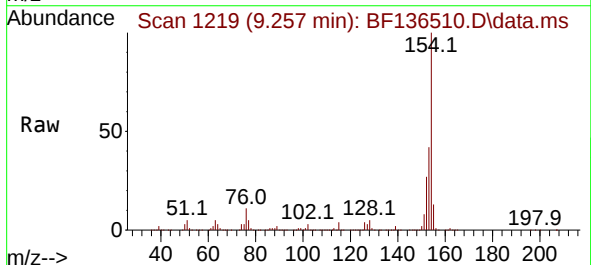
Instrument :
BNA_F
ClientSampleId :
PB157670BS

Tgt Ion:172 Resp: 1628748
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 24.2 19.9 29.9



#46
1,1'-Biphenyl
Concen: 39.811 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:154 Resp: 1004834
Ion Ratio Lower Upper
154 100
153 41.5 22.5 62.5
76 11.0 0.0 29.9

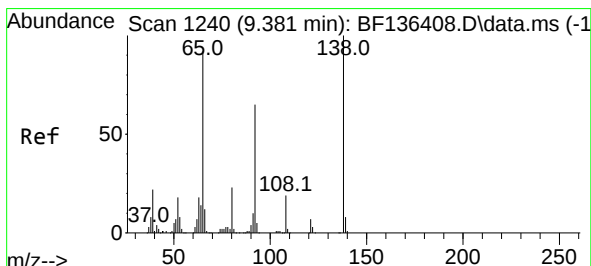
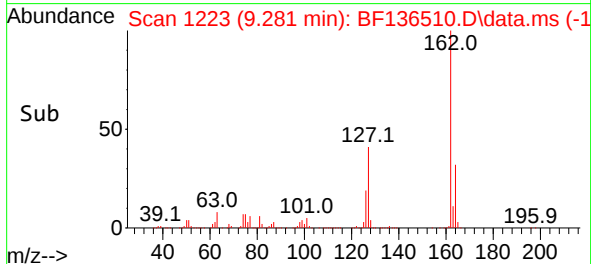
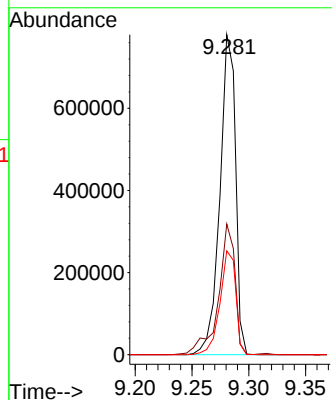
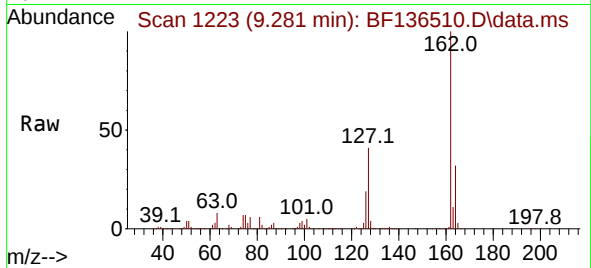




#47
2-Chloronaphthalene
Concen: 38.162 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

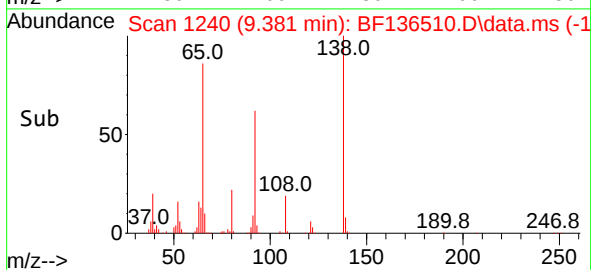
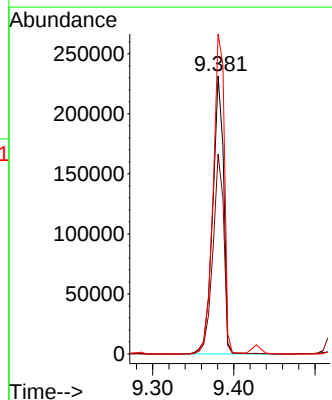
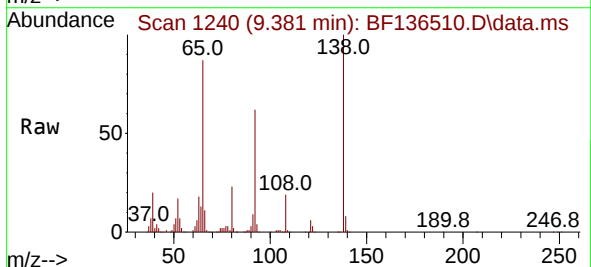
Instrument :
BNA_F
ClientSampleId :
PB157670BS

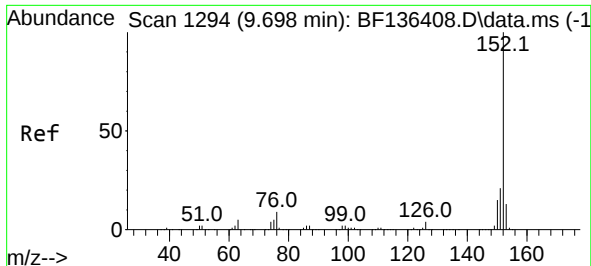
Tgt Ion:162 Resp: 749688
Ion Ratio Lower Upper
162 100
127 40.8 31.1 46.7
164 32.4 24.6 37.0



#48
2-Nitroaniline
Concen: 41.041 ng
RT: 9.381 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion: 65 Resp: 216237
Ion Ratio Lower Upper
65 100
92 71.9 56.1 84.1
138 115.2 86.7 130.1





#49

Acenaphthylene

Concen: 40.415 ng

RT: 9.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

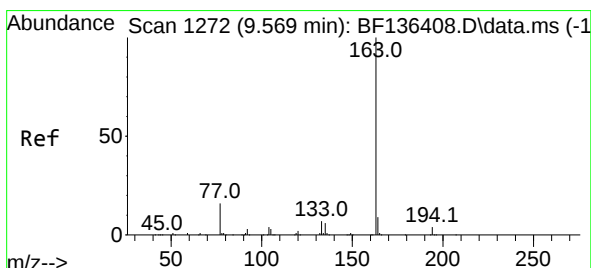
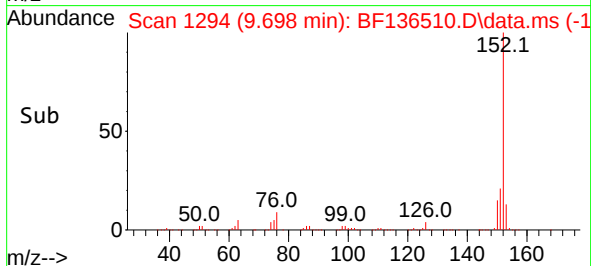
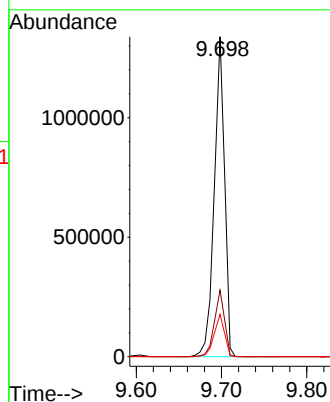
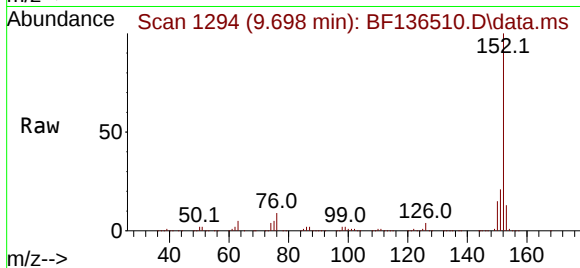
Tgt Ion:152 Resp: 1130994

Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 41.529 ng

RT: 9.569 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

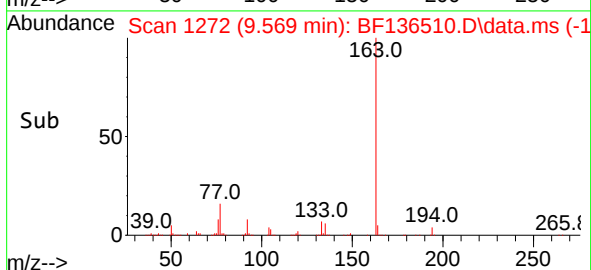
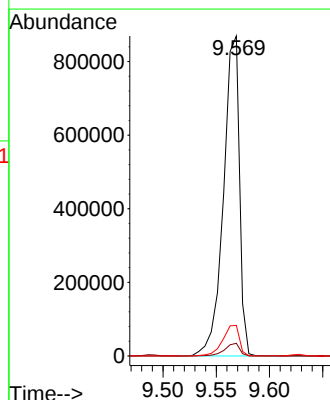
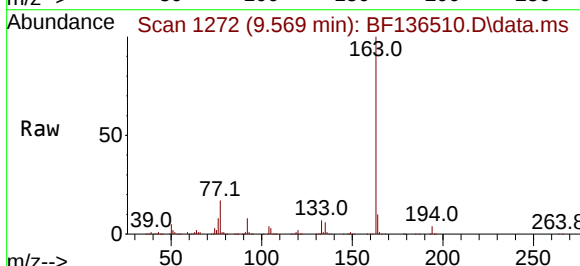
Tgt Ion:163 Resp: 906948

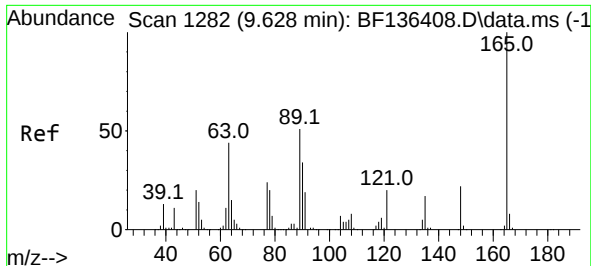
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.6 7.4 11.2

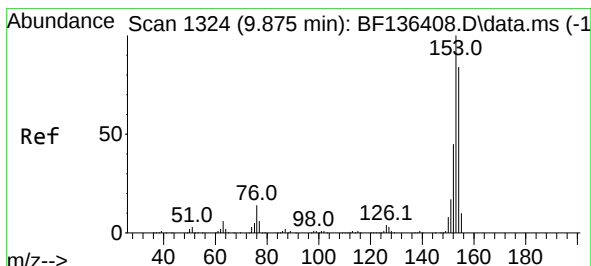
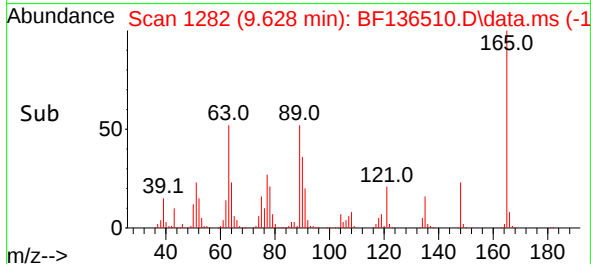
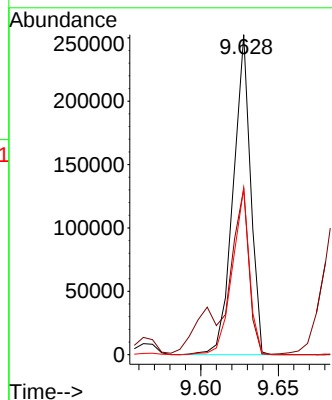
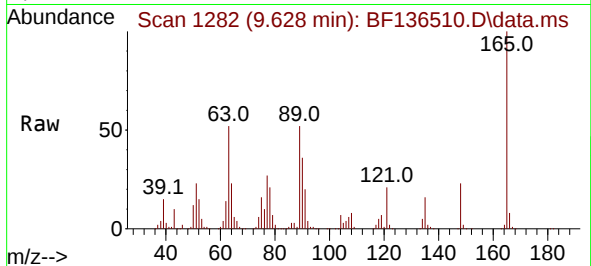




#51
2,6-Dinitrotoluene
Concen: 40.158 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

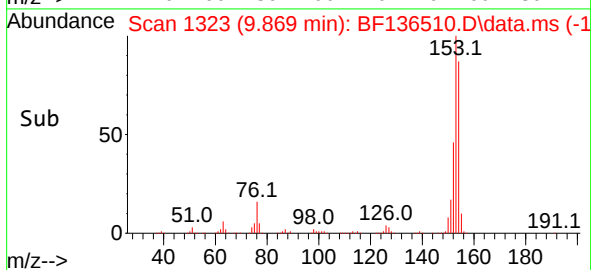
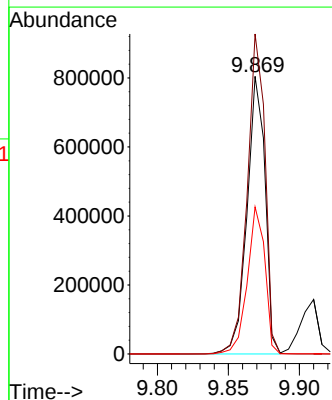
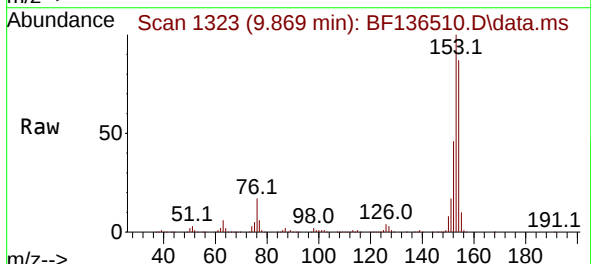
Instrument :
BNA_F
ClientSampleId :
PB157670BS

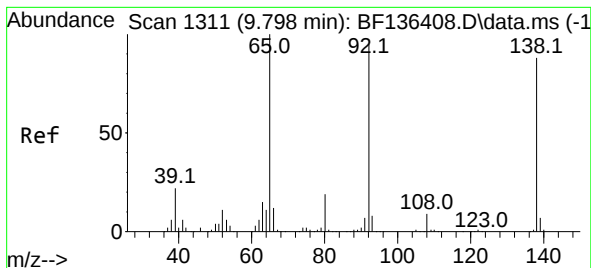
Tgt Ion:165 Resp: 197302
Ion Ratio Lower Upper
165 100
63 51.8 40.4 60.6
89 52.1 40.6 60.8



#52
Acenaphthene
Concen: 39.621 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:154 Resp: 710512
Ion Ratio Lower Upper
154 100
153 115.3 95.3 142.9
152 53.0 43.2 64.8





#53

3-Nitroaniline

Concen: 33.522 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

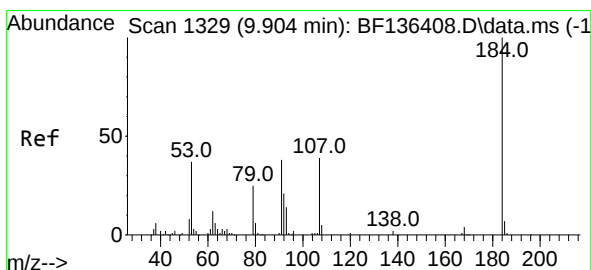
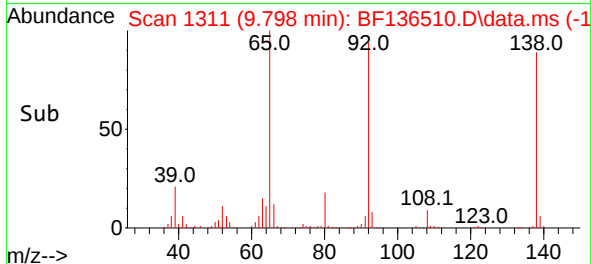
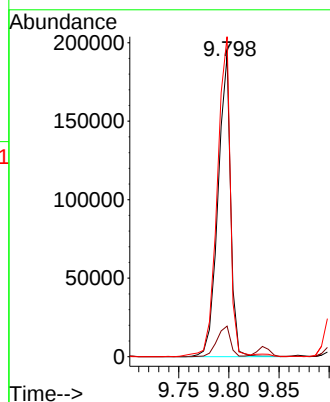
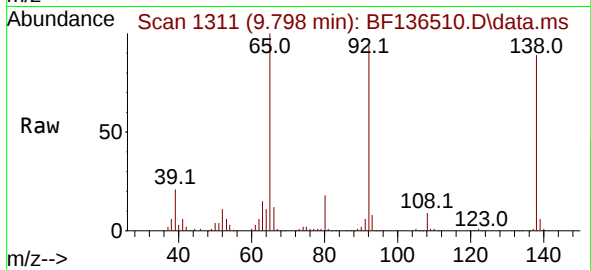
Tgt Ion:138 Resp: 168187

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

92 106.4 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 88.498 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

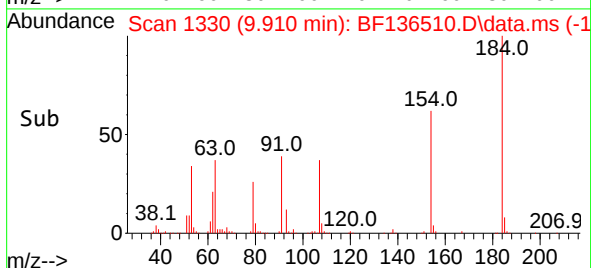
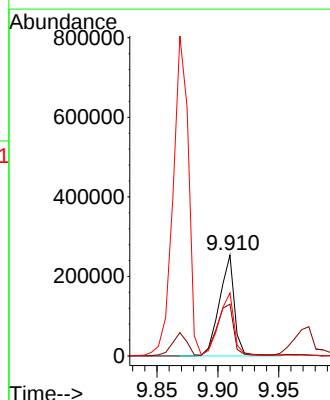
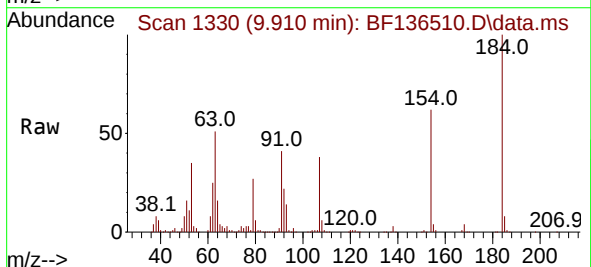
Tgt Ion:184 Resp: 219837

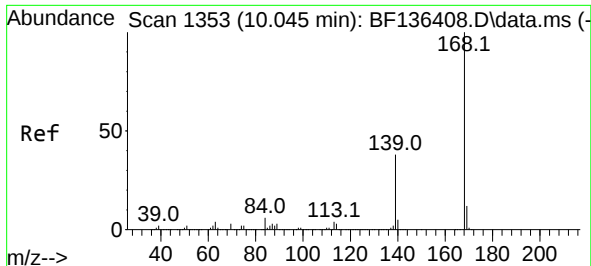
Ion Ratio Lower Upper

184 100

63 51.4 39.1 58.7

154 62.4 49.9 74.9

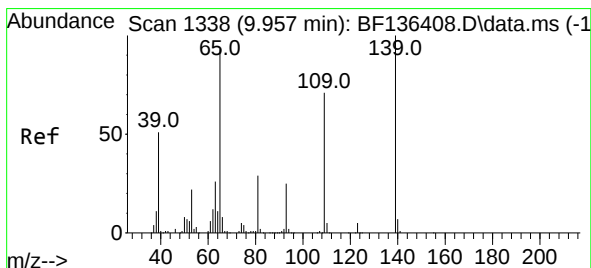
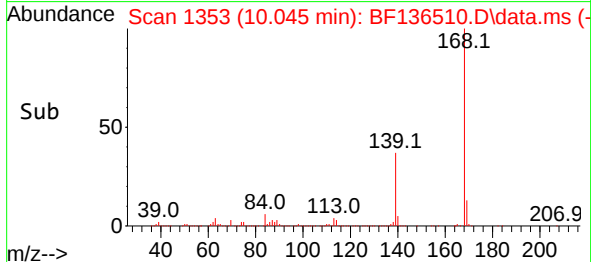
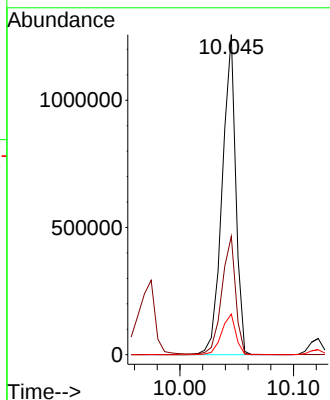
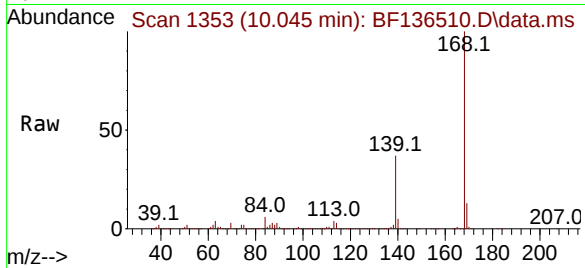




#55
Dibenzenofuran
Concen: 39.827 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

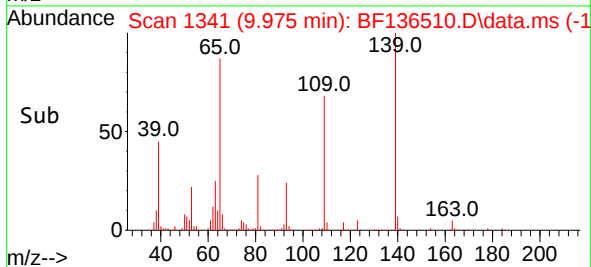
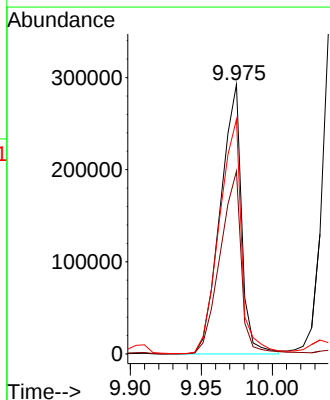
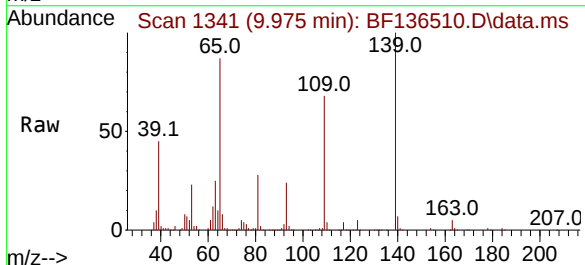
Instrument :
BNA_F
ClientSampleId :
PB157670BS

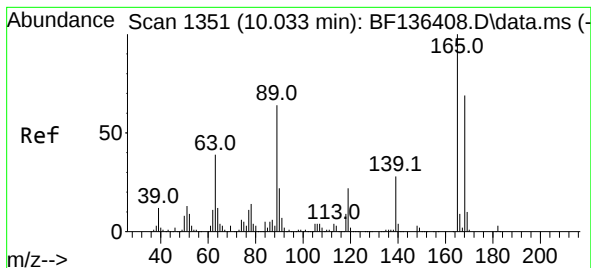
Tgt Ion:168 Resp: 1043374
Ion Ratio Lower Upper
168 100
139 37.0 30.4 45.6
169 12.7 9.9 14.9



#56
4-Nitrophenol
Concen: 80.719 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:139 Resp: 303591
Ion Ratio Lower Upper
139 100
109 67.8 50.6 90.6
65 87.0 73.1 113.1

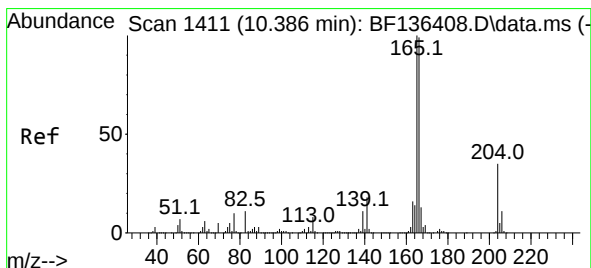
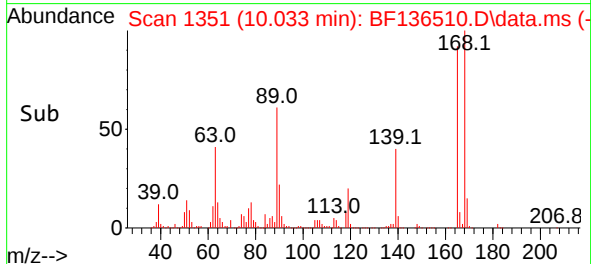
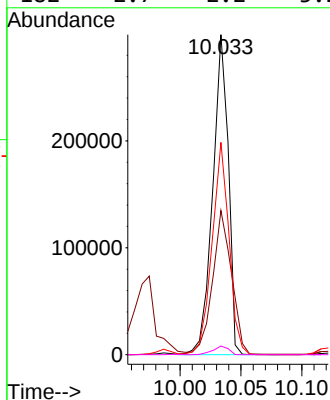
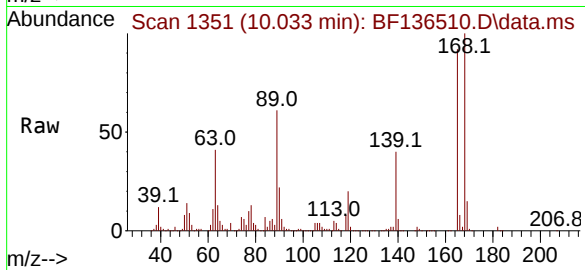




#57
2,4-Dinitrotoluene
Concen: 41.153 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

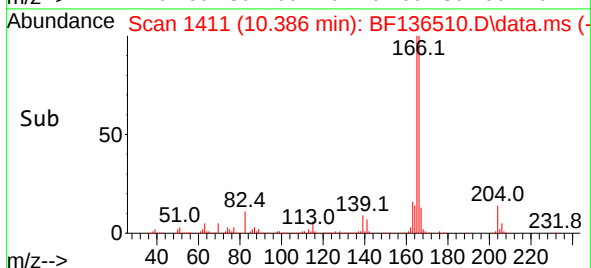
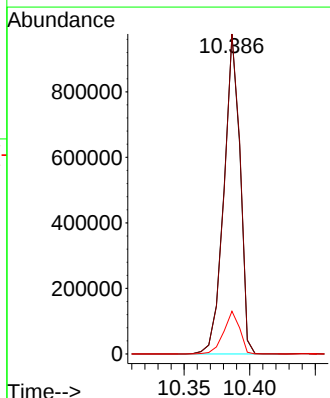
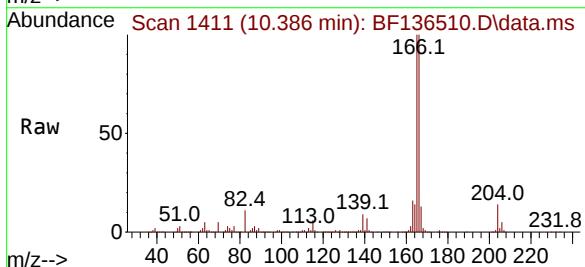
Instrument :
BNA_F
ClientSampleId :
PB157670BS

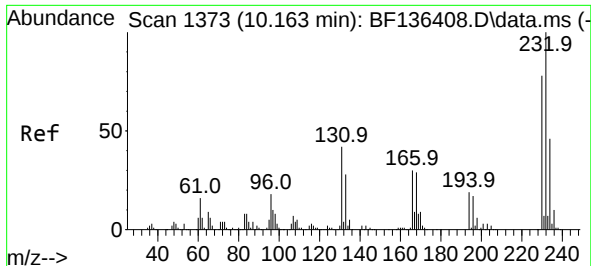
Tgt Ion:165 Resp: 267473
Ion Ratio Lower Upper
165 100
63 45.1 31.4 47.2
89 66.3 51.7 77.5
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.369 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:166 Resp: 827912
Ion Ratio Lower Upper
166 100
165 100.2 80.5 120.7
167 13.4 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.787 ng

RT: 10.163 min Scan# 1373

Delta R.T. 0.000 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

Tgt Ion:232 Resp: 235229

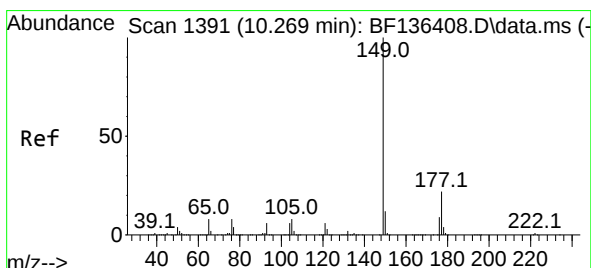
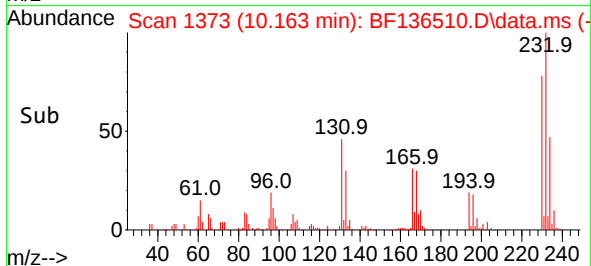
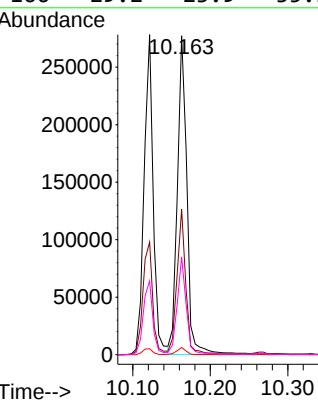
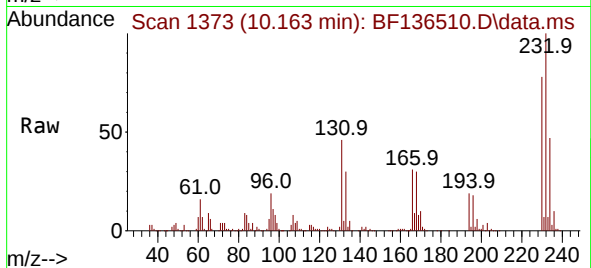
Ion Ratio Lower Upper

232 100

131 42.2 34.3 51.5

130 2.3 1.6 2.4

166 29.2 23.9 35.9



#60

Diethylphthalate

Concen: 40.667 ng

RT: 10.269 min Scan# 1391

Delta R.T. 0.000 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

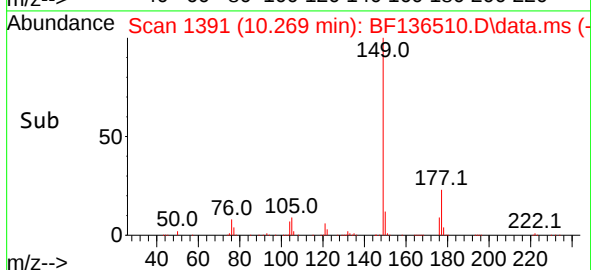
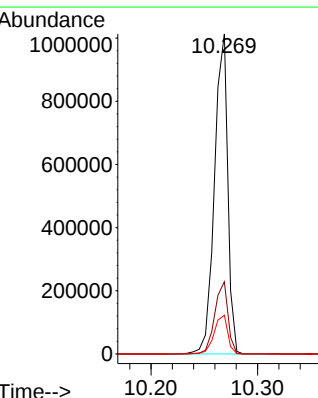
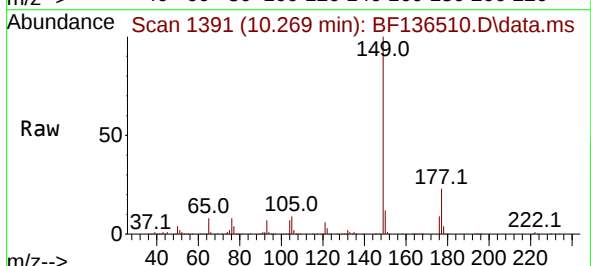
Tgt Ion:149 Resp: 873319

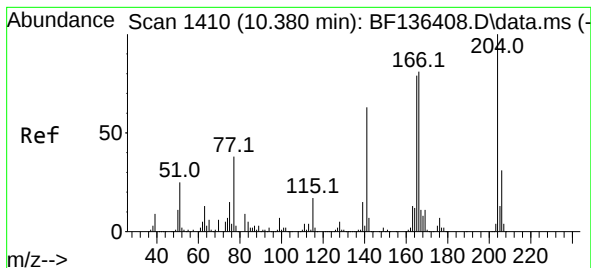
Ion Ratio Lower Upper

149 100

177 22.5 17.8 26.8

150 12.1 9.4 14.0

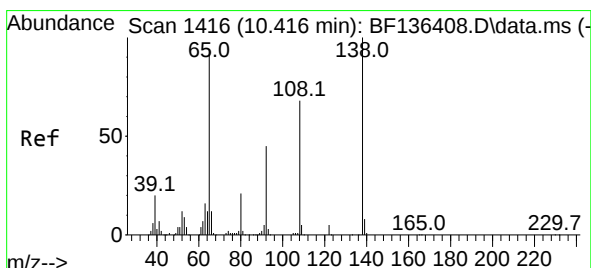
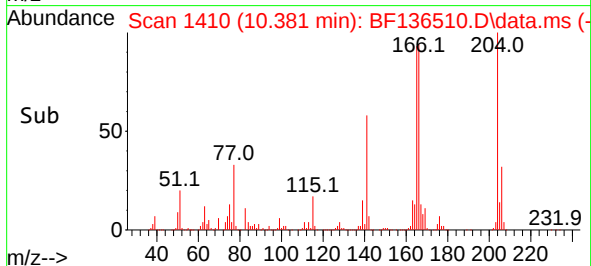
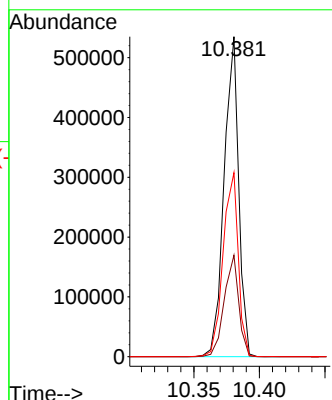
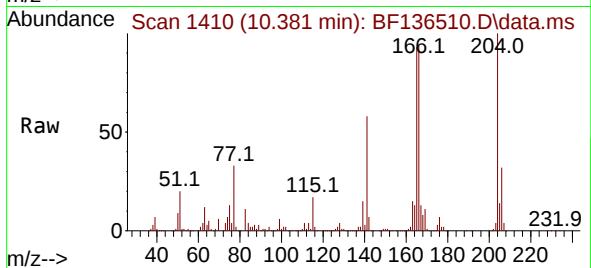




#61
4-Chlorophenyl-phenylether
Concen: 40.200 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

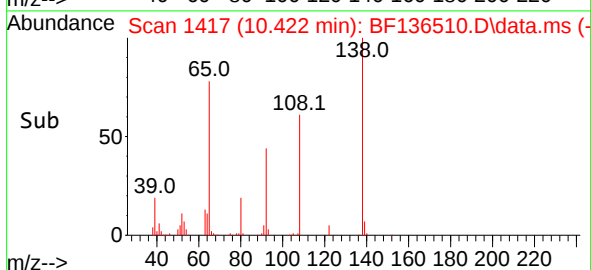
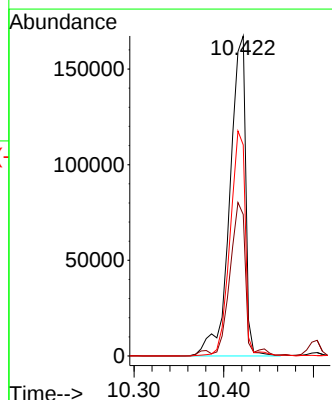
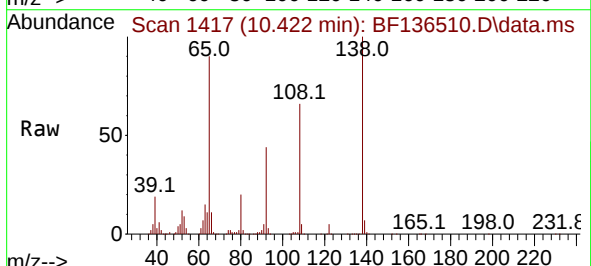
Instrument :
BNA_F
ClientSampleId :
PB157670BS

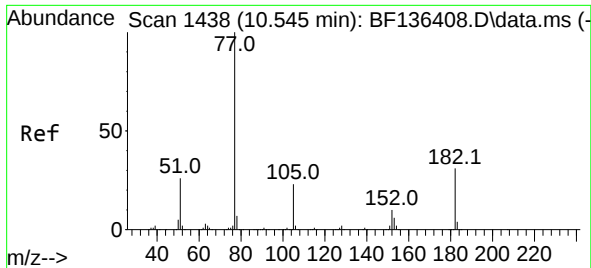
Tgt Ion:204 Resp: 412125
Ion Ratio Lower Upper
204 100
206 31.7 24.6 36.8
141 57.5 50.3 75.5



#62
4-Nitroaniline
Concen: 41.203 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:138 Resp: 205263
Ion Ratio Lower Upper
138 100
92 44.2 25.0 65.0
108 65.9 47.9 87.9

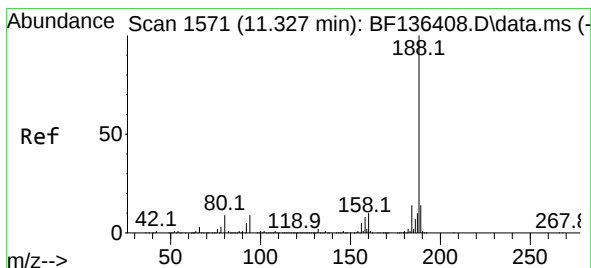
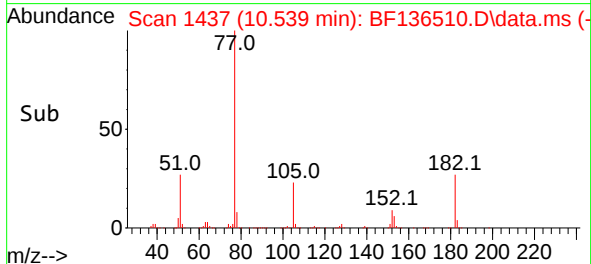
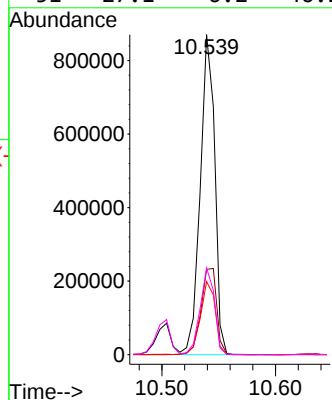
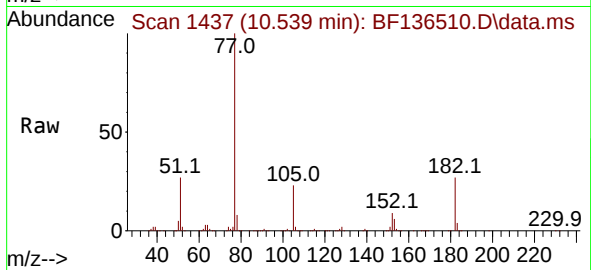




#63
Azobenzene
Concen: 39.314 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

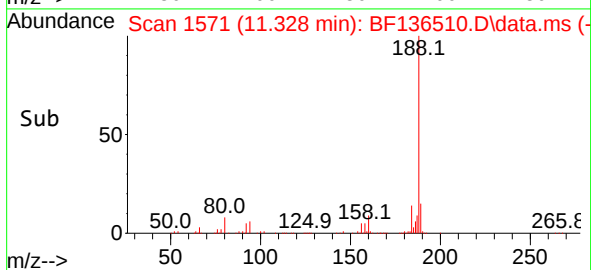
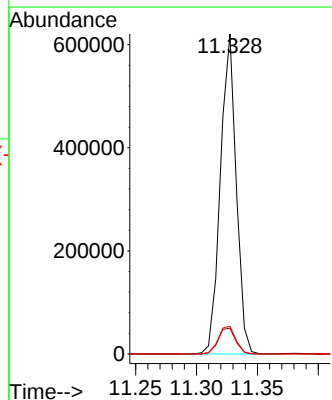
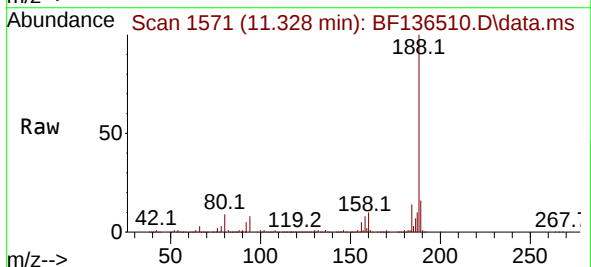
Instrument :
BNA_F
ClientSampleId :
PB157670BS

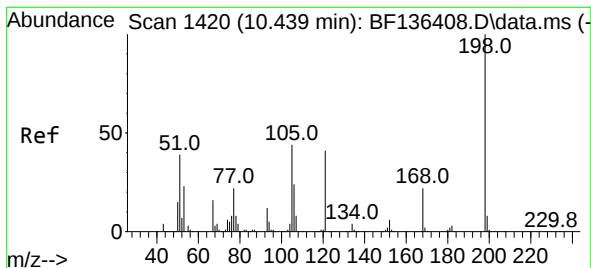
Tgt Ion:	77	Resp:	768450
Ion	Ratio	Lower	Upper
77	100		
182	26.7	10.8	50.8
105	22.9	2.6	42.6
51	27.1	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:	188	Resp:	562577
Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.7	7.2	10.8

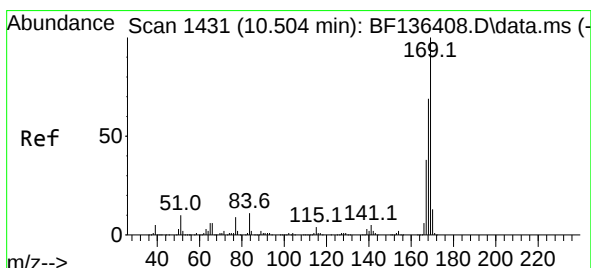
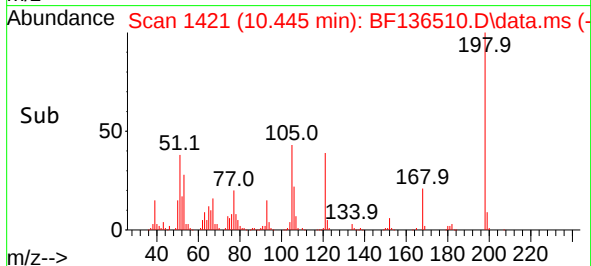
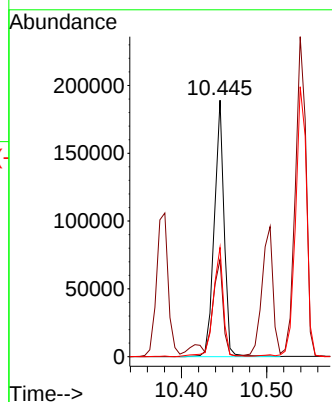
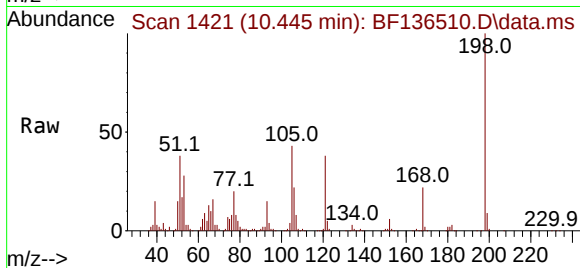




#65
4,6-Dinitro-2-methylphenol
Concen: 43.711 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

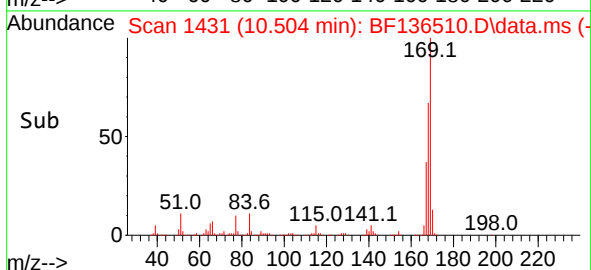
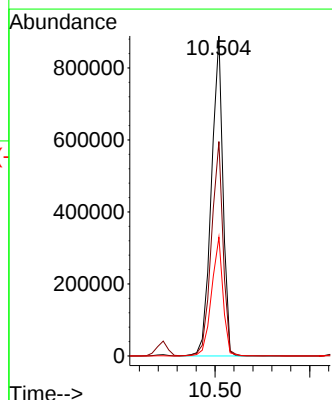
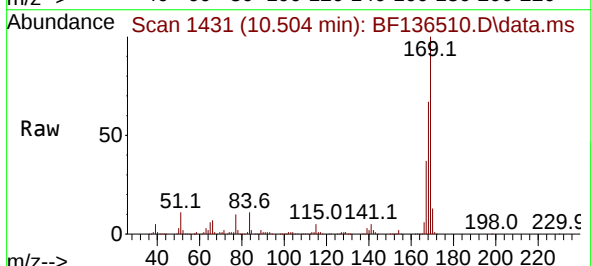
Instrument :
BNA_F
ClientSampleId :
PB157670BS

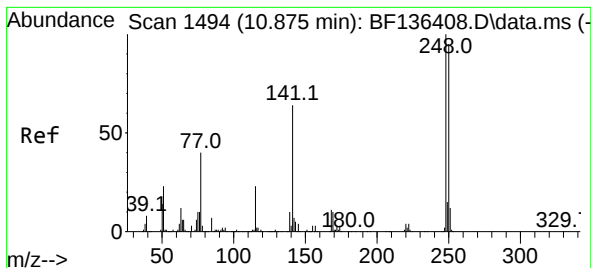
Tgt Ion:198 Resp: 152294
Ion Ratio Lower Upper
198 100
51 37.9 24.1 64.1
105 42.6 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 41.479 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:169 Resp: 748784
Ion Ratio Lower Upper
169 100
168 67.0 55.3 82.9
167 37.1 30.1 45.1

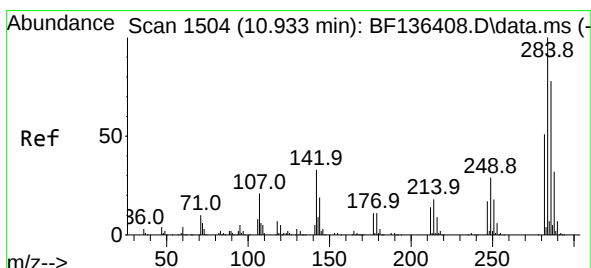
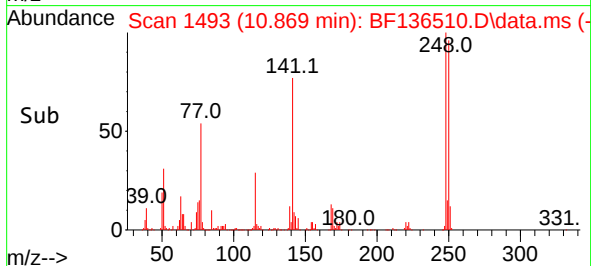
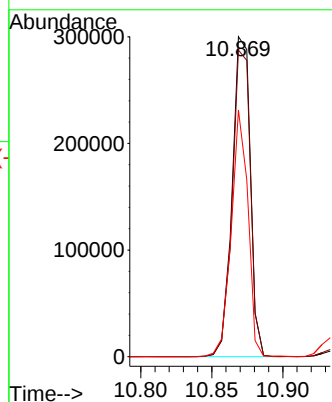
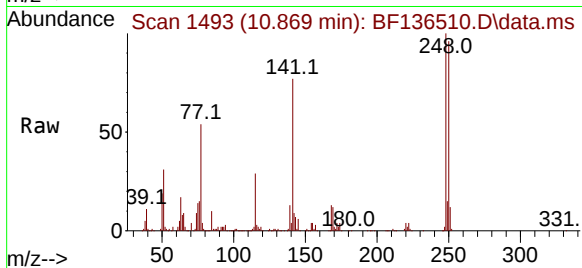




#67
4-Bromophenyl-phenylether
Concen: 40.898 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

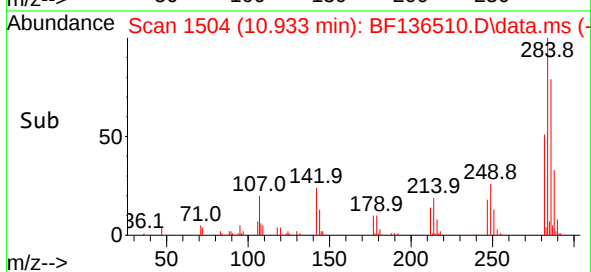
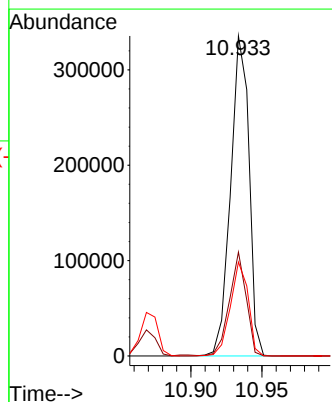
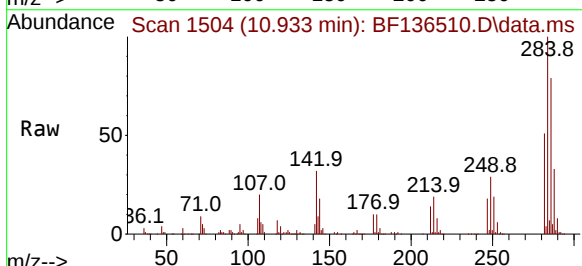
Instrument :
BNA_F
ClientSampleId :
PB157670BS

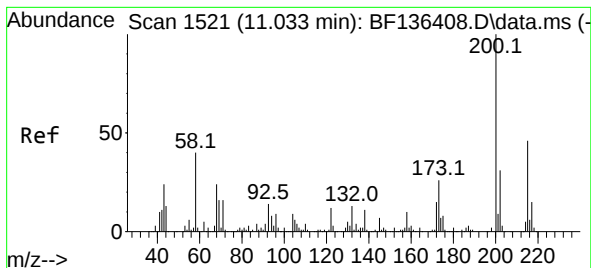
Tgt Ion:248 Resp: 267508
Ion Ratio Lower Upper
248 100
250 95.8 76.2 114.2
141 77.1 51.0 76.4#



#68
Hexachlorobenzene
Concen: 40.045 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:284 Resp: 302730
Ion Ratio Lower Upper
284 100
142 32.4 26.5 39.7
249 29.4 23.4 35.0





#69

Atrazine

Concen: 60.250 ng

RT: 11.039 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

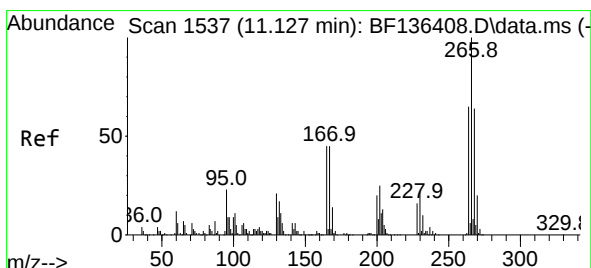
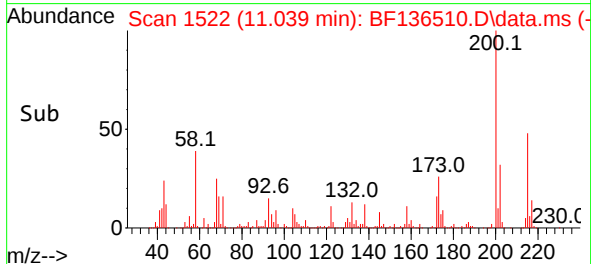
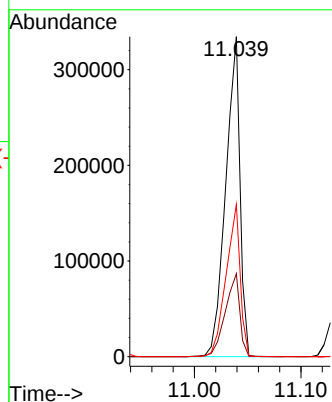
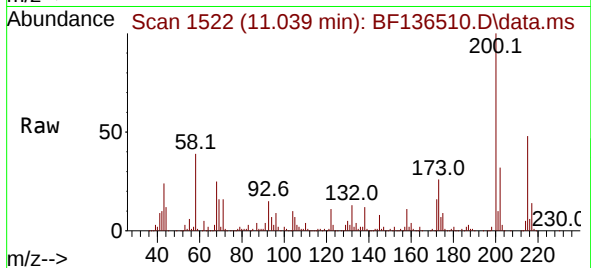
Tgt Ion:200 Resp: 310428

Ion Ratio Lower Upper

200 100

173 26.0 6.0 46.0

215 47.5 25.5 65.5



#70

Pentachlorophenol

Concen: 72.075 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

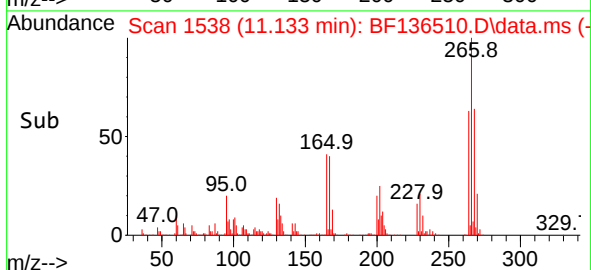
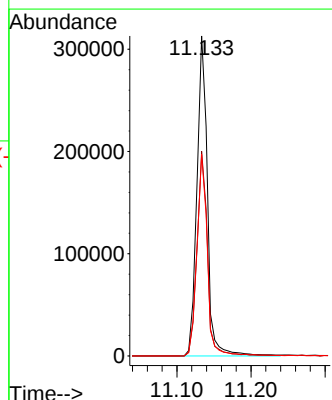
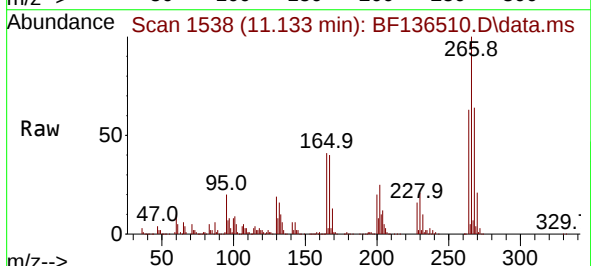
Tgt Ion:266 Resp: 307513

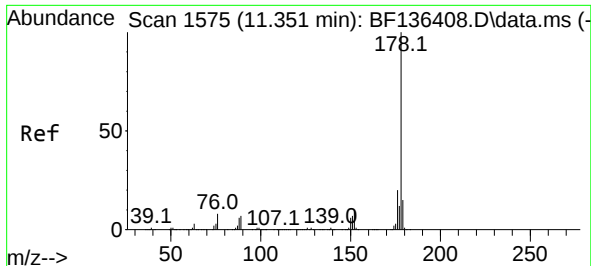
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 63.0 52.2 78.4

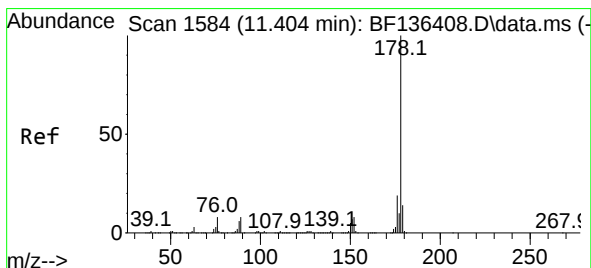
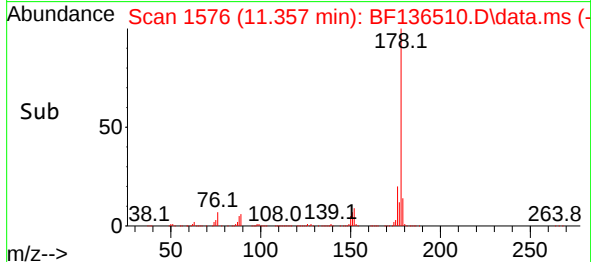
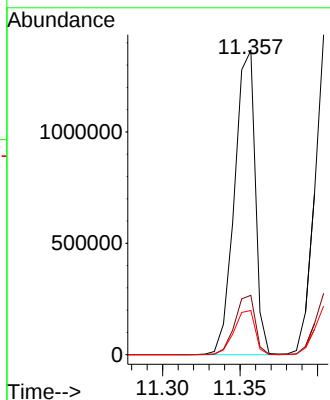
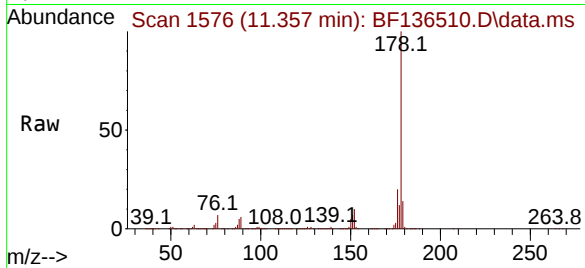




#71
Phenanthrene
Concen: 40.966 ng
RT: 11.357 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

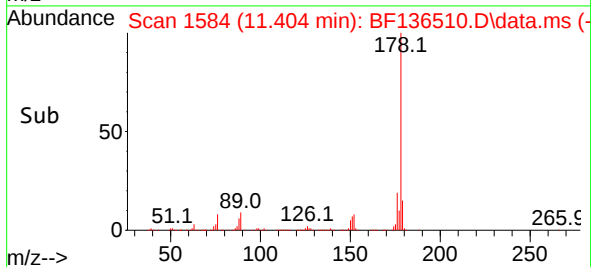
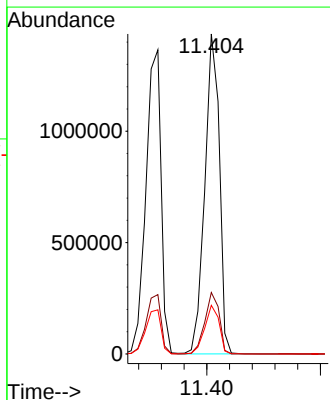
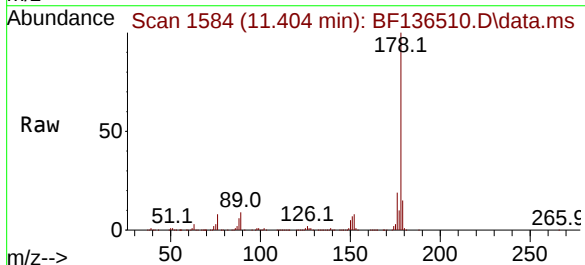
Instrument :
BNA_F
ClientSampleId :
PB157670BS

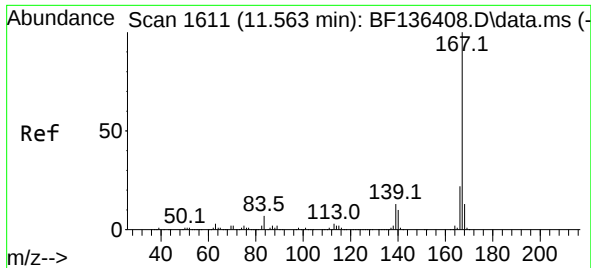
Tgt Ion:178 Resp: 1266727
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 14.5 11.8 17.6



#72
Anthracene
Concen: 40.885 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:178 Resp: 1273354
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.2 11.4 17.0

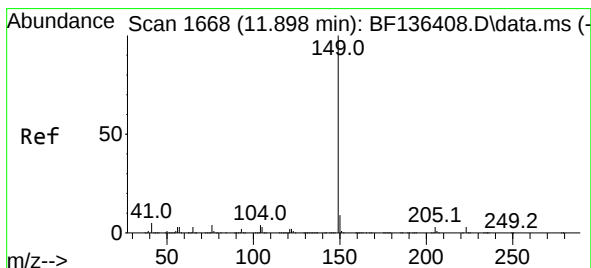
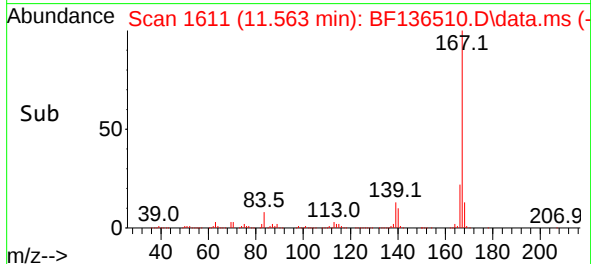
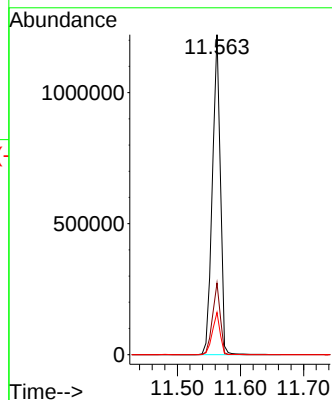
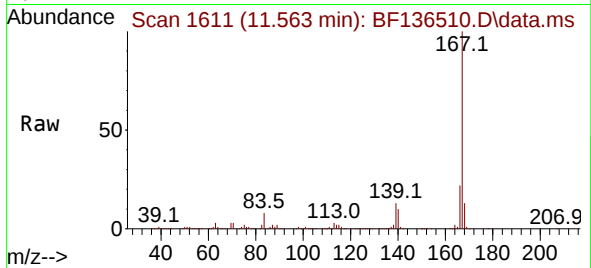




#73
 Carbazole
 Concen: 39.160 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF136510.D
 Acq: 12 Dec 2023 11:55

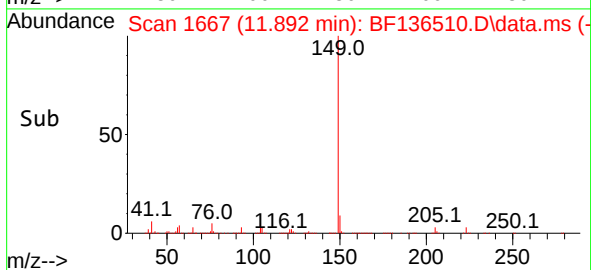
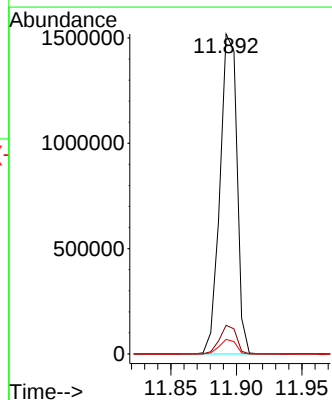
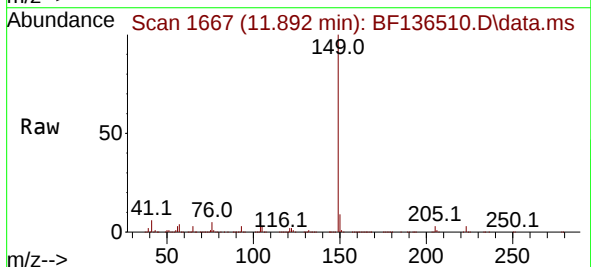
Instrument :
 BNA_F
 ClientSampleId :
 PB157670BS

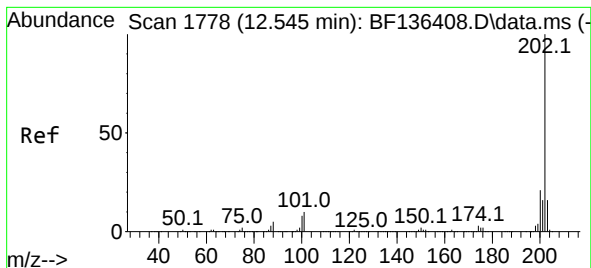
Tgt Ion:167 Resp: 1079480
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 13.2 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.382 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF136510.D
 Acq: 12 Dec 2023 11:55

Tgt Ion:149 Resp: 1364606
 Ion Ratio Lower Upper
 149 100
 150 9.0 6.9 10.3
 104 4.6 3.5 5.3





#75

Fluoranthene

Concen: 37.254 ng

RT: 12.545 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

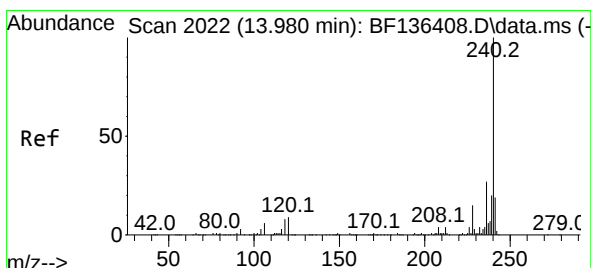
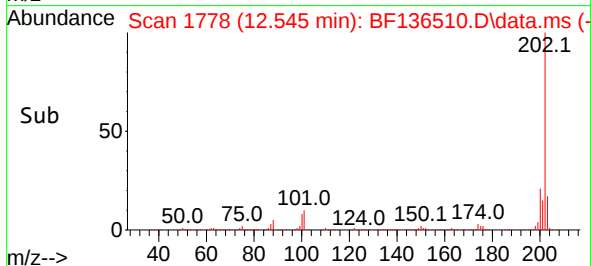
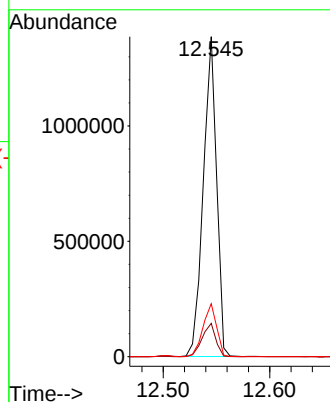
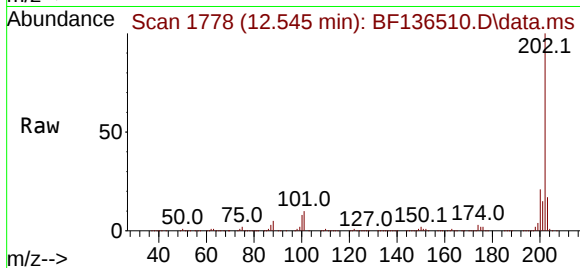
Tgt Ion:202 Resp: 1207194

Ion Ratio Lower Upper

202 100

101 10.4 0.0 29.9

203 16.5 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: BF136510.D

Acq: 12 Dec 2023 11:55

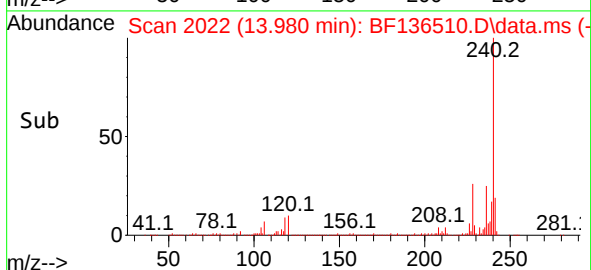
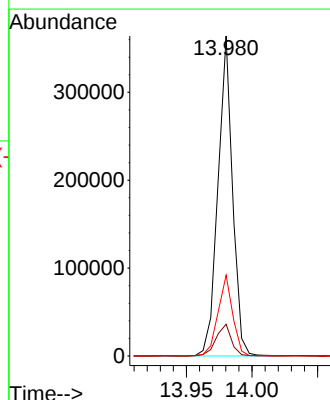
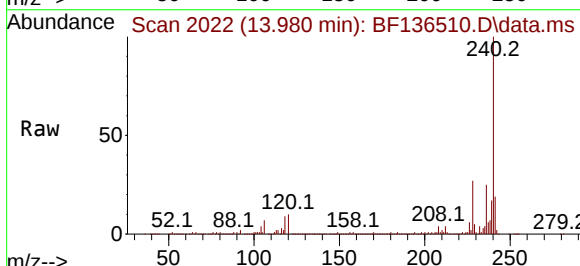
Tgt Ion:240 Resp: 281029

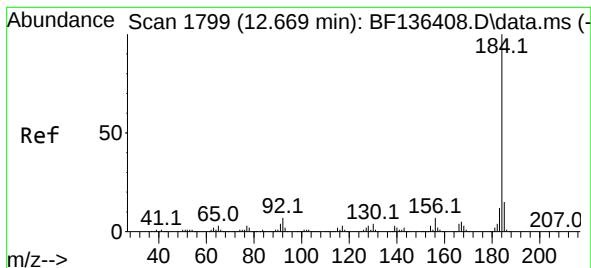
Ion Ratio Lower Upper

240 100

120 9.9 7.3 10.9

236 25.2 21.3 31.9





#77

Benzidine

Concen: 45.309 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

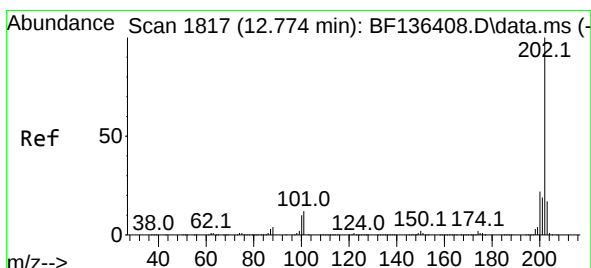
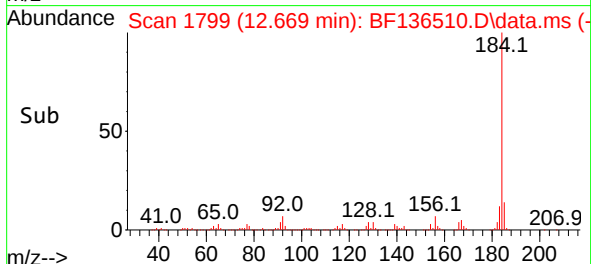
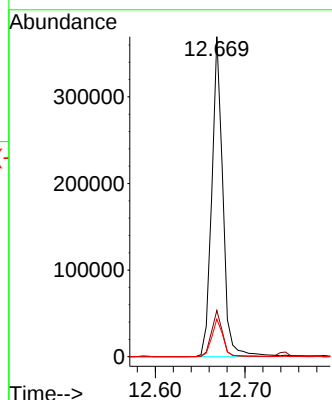
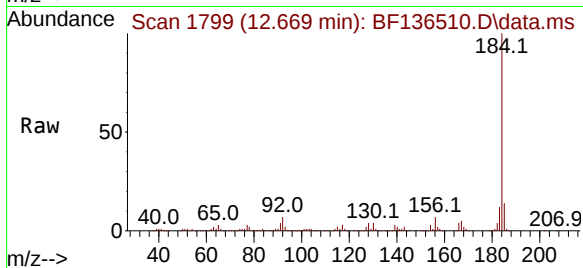
Tgt Ion:184 Resp: 316415

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

183 11.8 9.4 14.0



#78

Pyrene

Concen: 43.159 ng

RT: 12.774 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

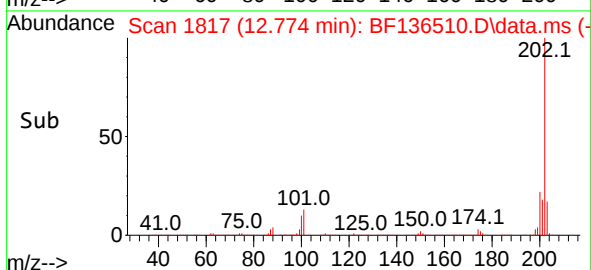
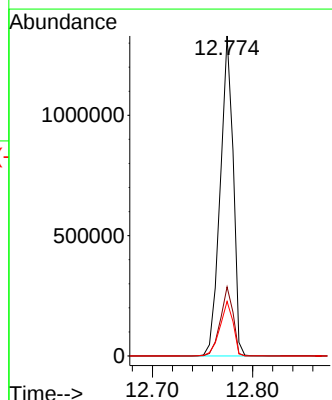
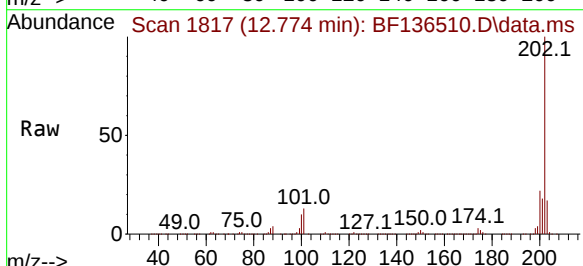
Tgt Ion:202 Resp: 1187855

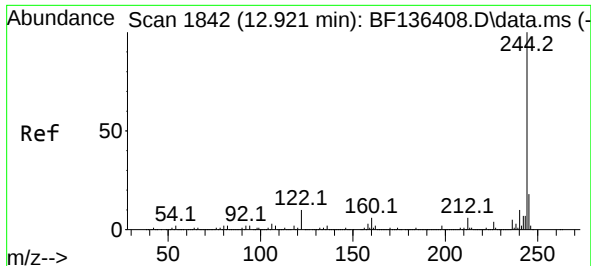
Ion Ratio Lower Upper

202 100

200 21.6 18.0 27.0

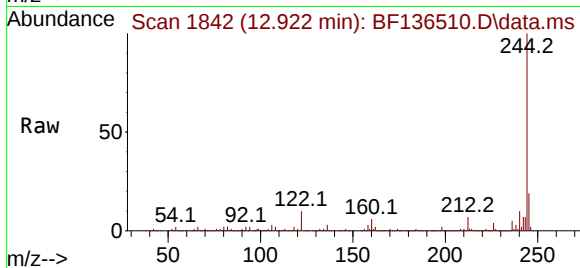
203 17.1 13.5 20.3



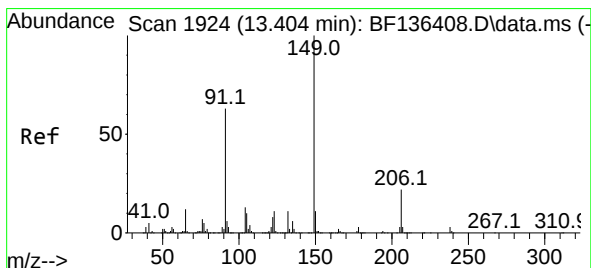
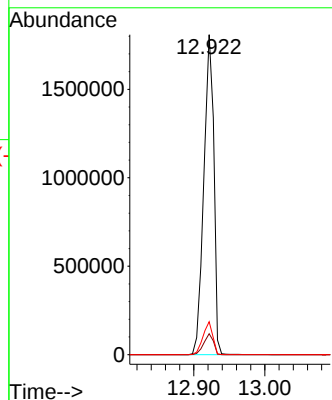
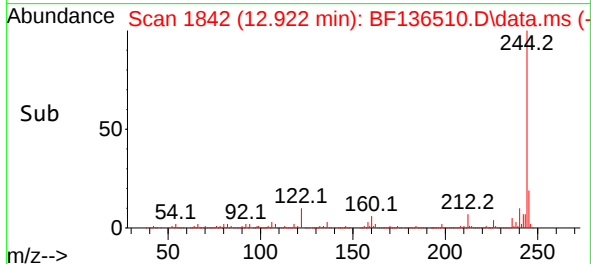


#79
 Terphenyl-d14
 Concen: 83.491 ng
 RT: 12.922 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136510.D
 Acq: 12 Dec 2023 11:55

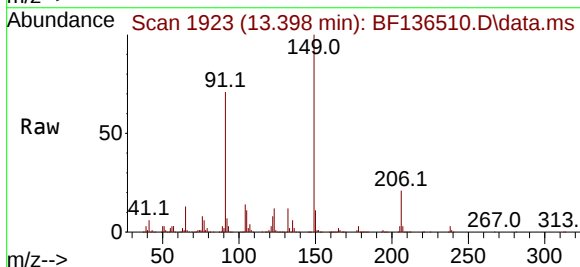
Instrument :
 BNA_F
 ClientSampleId :
 PB157670BS



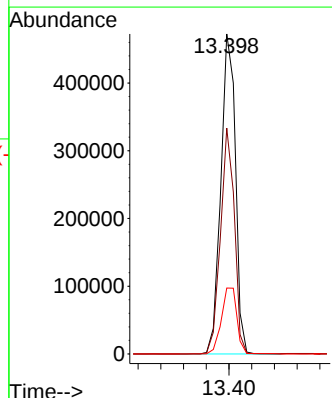
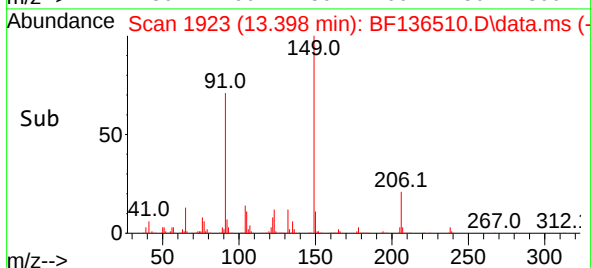
Tgt Ion:244 Resp: 1780158
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 10.3 8.3 12.5

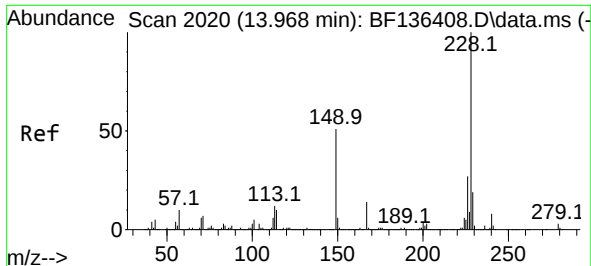


#80
 Butylbenzylphthalate
 Concen: 43.168 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136510.D
 Acq: 12 Dec 2023 11:55



Tgt Ion:149 Resp: 422946
 Ion Ratio Lower Upper
 149 100
 91 70.6 50.5 75.7
 206 20.6 17.4 26.2

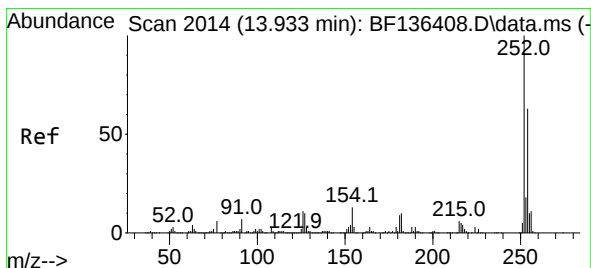
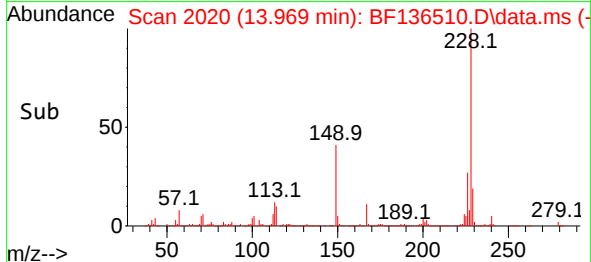
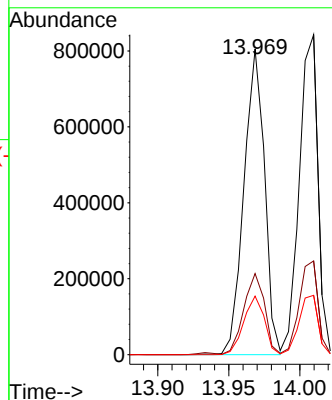
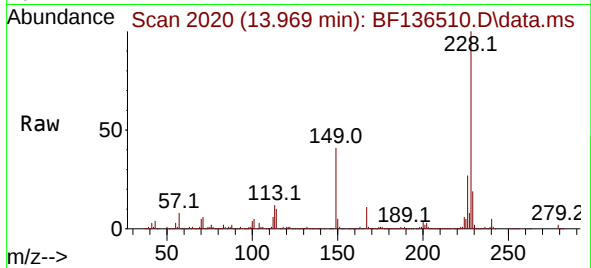




#81
Benzo(a)anthracene
Concen: 41.393 ng
RT: 13.969 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

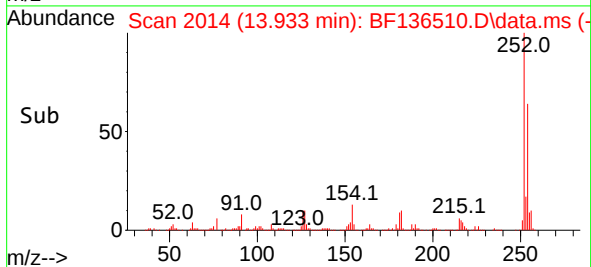
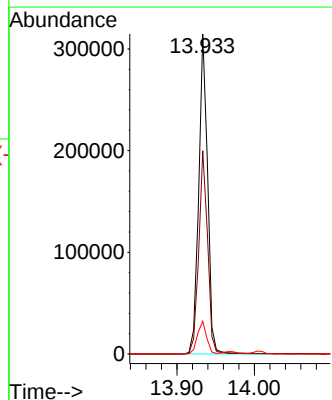
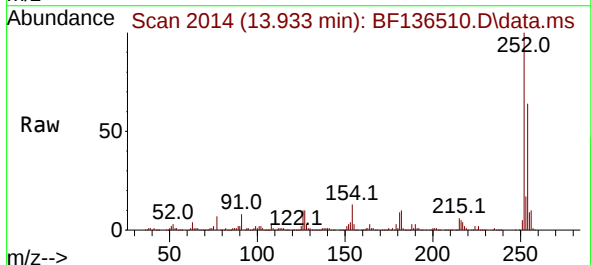
Instrument :
BNA_F
ClientSampleId :
PB157670BS

Tgt Ion:228 Resp: 810290
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 19.2 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 45.696 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:252 Resp: 250805
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 10.2 8.6 12.8





#83

Chrysene

Concen: 40.083 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

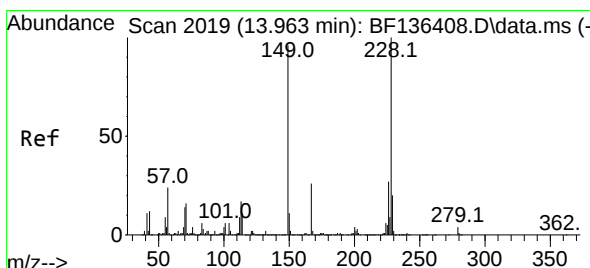
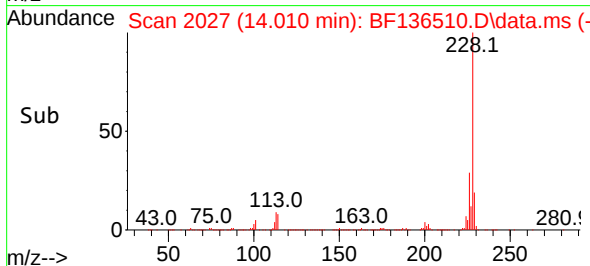
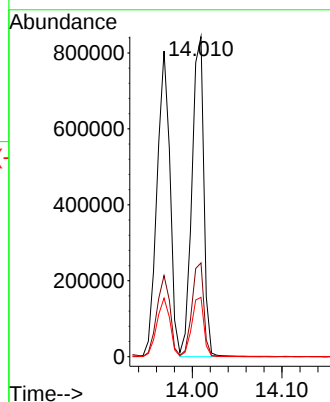
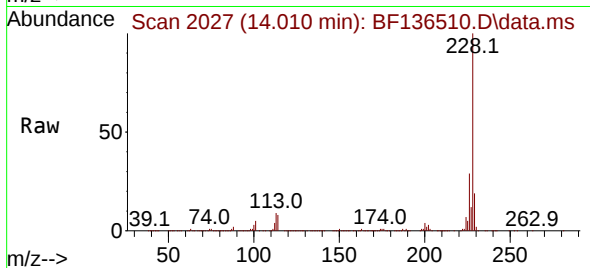
Tgt Ion:228 Resp: 771973

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

229 18.6 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.219 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

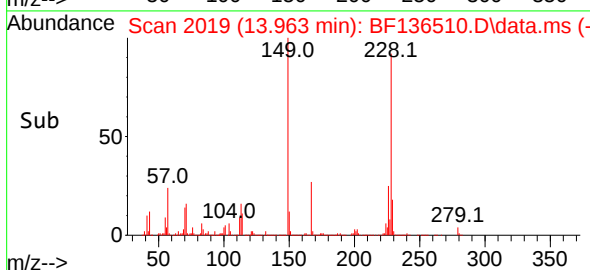
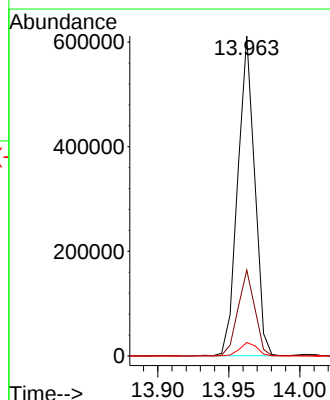
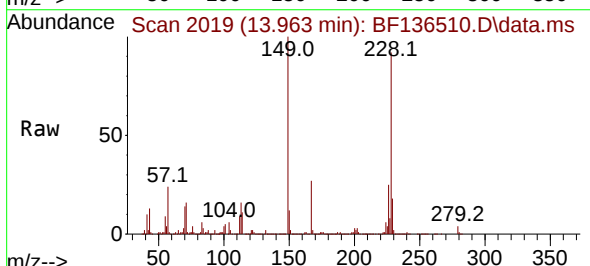
Tgt Ion:149 Resp: 507090

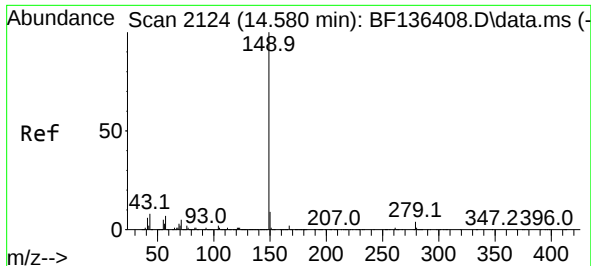
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

279 4.2 3.1 4.7

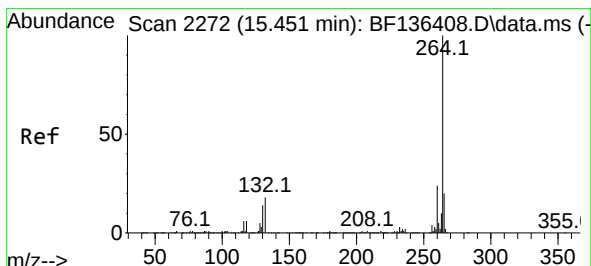
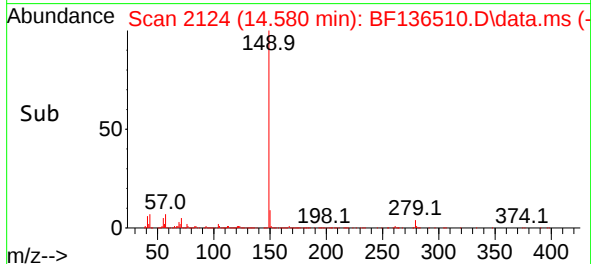
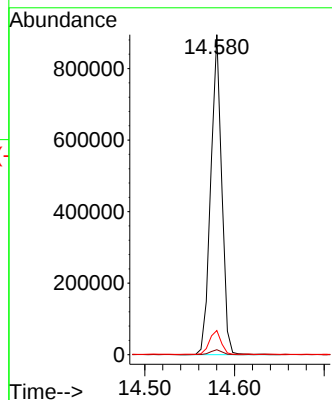
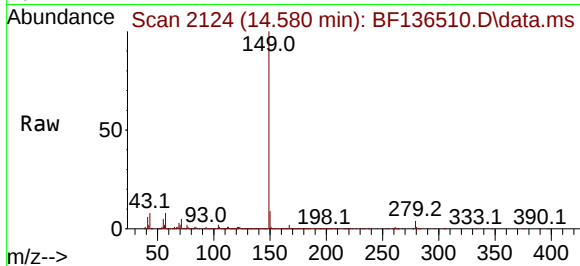




#85
Di-n-octyl phthalate
Concen: 42.655 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

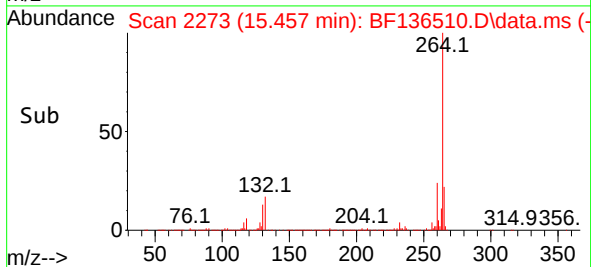
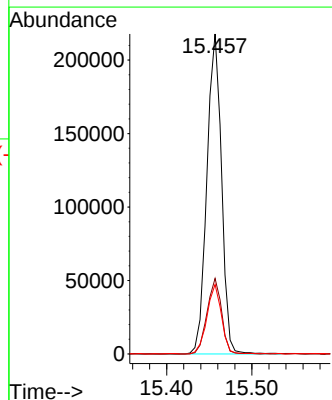
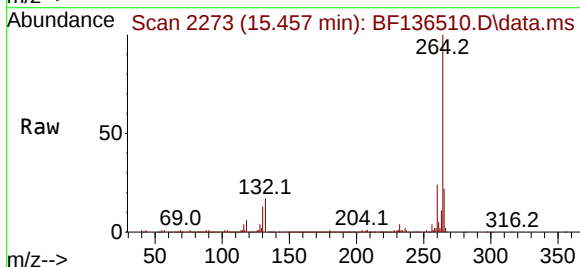
Instrument :
BNA_F
ClientSampleId :
PB157670BS

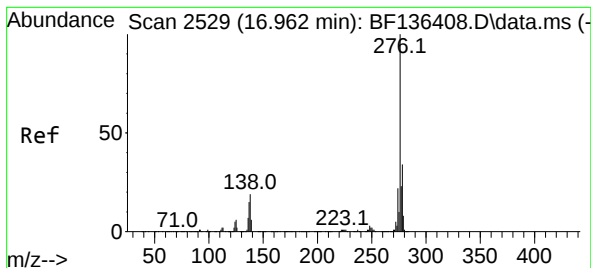
Tgt Ion:149 Resp: 756769
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:264 Resp: 259818
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.7 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.163 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

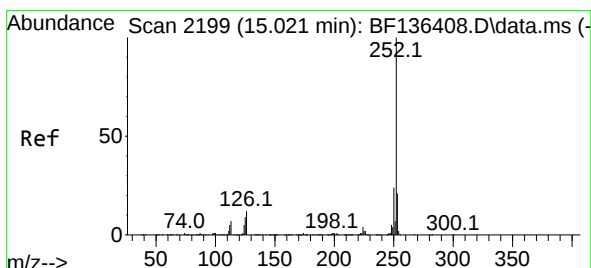
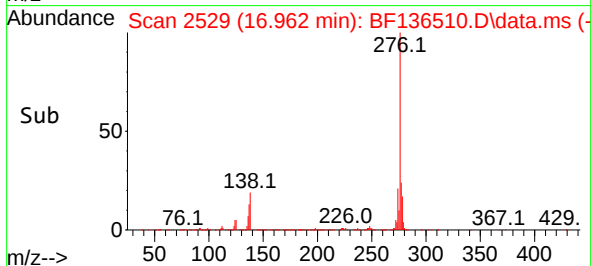
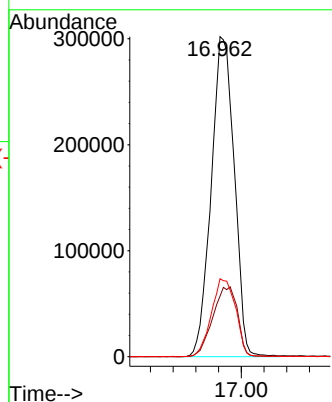
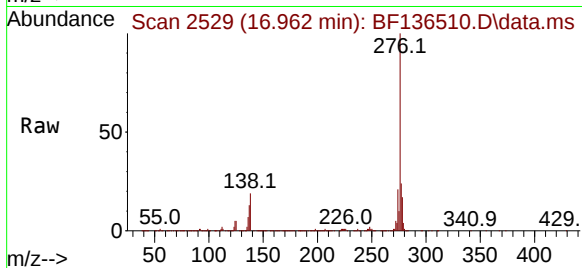
Tgt Ion:276 Resp: 851296

Ion Ratio Lower Upper

276 100

138 23.5 19.0 28.4

277 25.7 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 40.868 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

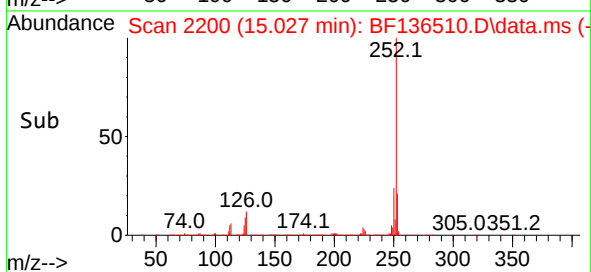
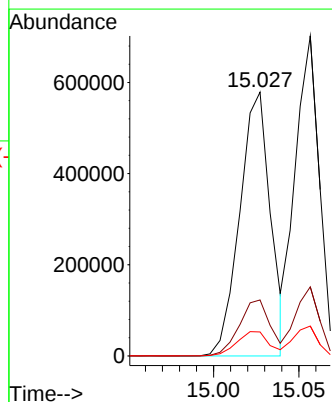
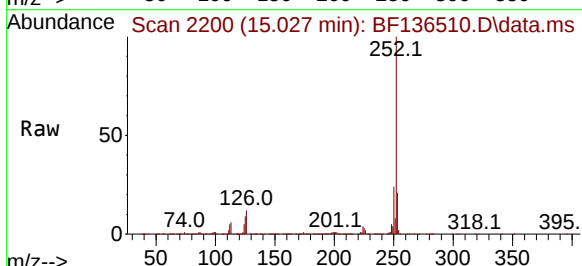
Tgt Ion:252 Resp: 725994

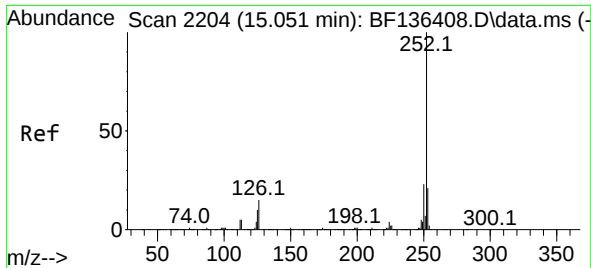
Ion Ratio Lower Upper

252 100

253 21.2 16.9 25.3

125 9.1 7.4 11.2

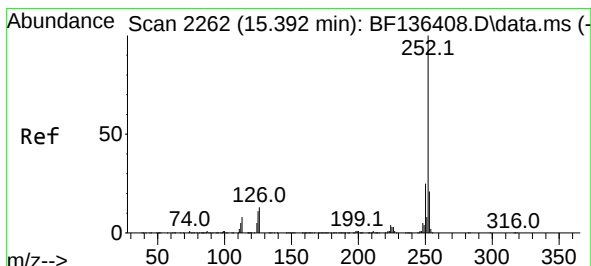
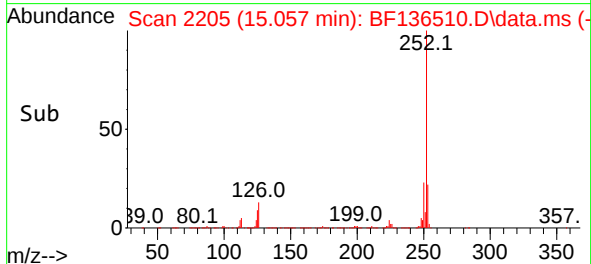
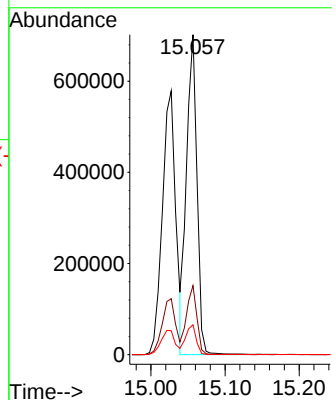
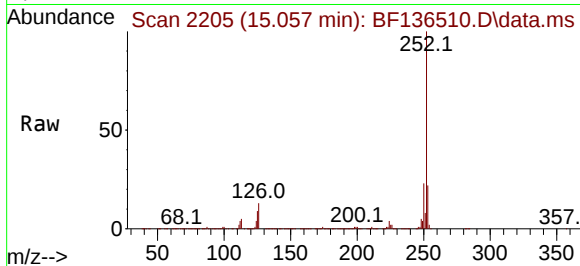




#89
Benzo(k)fluoranthene
Concen: 41.519 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

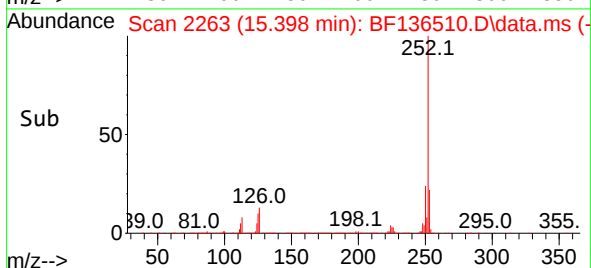
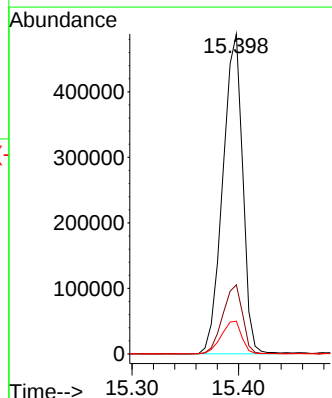
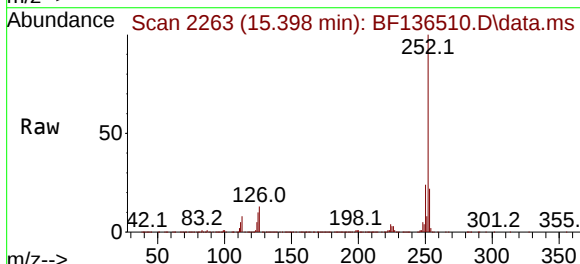
Instrument :
BNA_F
ClientSampleId :
PB157670BS

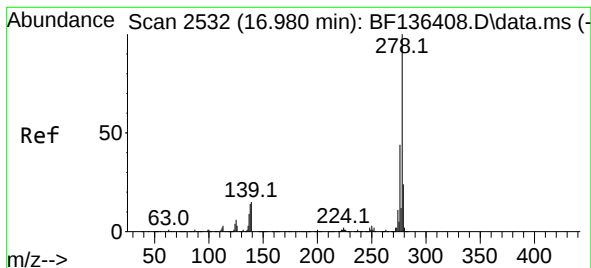
Tgt Ion:252 Resp: 695082
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 9.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 43.037 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF136510.D
Acq: 12 Dec 2023 11:55

Tgt Ion:252 Resp: 631378
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 10.3 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 48.032 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157670BS

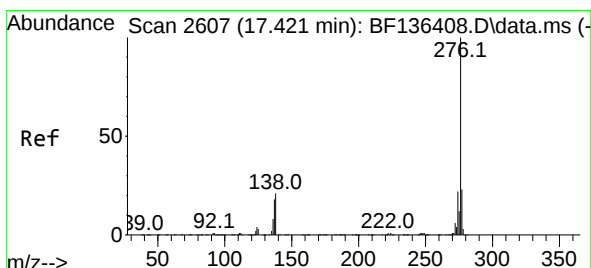
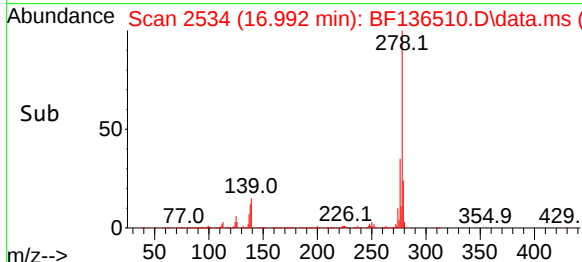
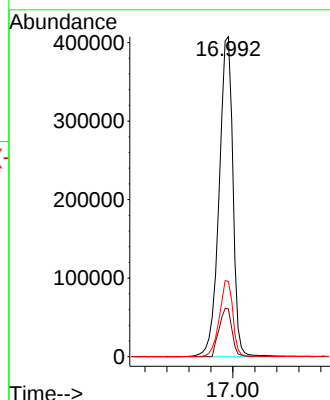
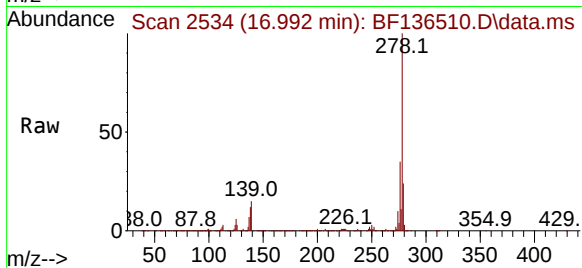
Tgt Ion:278 Resp: 710269

Ion Ratio Lower Upper

278 100

139 15.0 12.2 18.4

279 23.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.023 ng

RT: 17.427 min Scan# 2608

Delta R.T. 0.006 min

Lab File: BF136510.D

Acq: 12 Dec 2023 11:55

Tgt Ion:276 Resp: 713709

Ion Ratio Lower Upper

276 100

277 23.1 18.7 28.1

138 20.8 16.6 25.0

