

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136493.D
 Acq On : 11 Dec 2023 16:35
 Operator : CG\JU
 Sample : PB157670BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157670BS

Quant Time: Dec 11 16:56:41 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	129323	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	545293	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	287258	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	542183	20.000	ng	0.00
76) Chrysene-d12	13.980	240	291161	20.000	ng	0.00
86) Perylene-d12	15.451	264	240494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	977502	111.628	ng	0.02
7) Phenol-d6	6.451	99	1219236	111.596	ng	0.00
23) Nitrobenzene-d5	7.363	82	729210	72.294	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	397598	112.255	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1505563	71.516	ng	0.00
79) Terphenyl-d14	12.922	244	1702611	77.075	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	128046	36.969	ng	96
3) Pyridine	3.416	79	235160	28.036	ng	99
4) n-Nitrosodimethylamine	3.381	42	147547	40.489	ng	96
6) Aniline	6.463	93	157369	14.253	ng	# 1
8) 2-Chlorophenol	6.587	128	404766	42.340	ng	99
9) Benzaldehyde	6.346	77	4480	Below Cal		91
10) Phenol	6.463	94	465731	40.060	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	356212	41.106	ng	95
12) 1,3-Dichlorobenzene	6.740	146	405507	37.718	ng	99
13) 1,4-Dichlorobenzene	6.816	146	405829	37.212	ng	98
14) 1,2-Dichlorobenzene	6.963	146	390409	38.068	ng	98
15) Benzyl Alcohol	6.946	79	304247	41.586	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	422149	37.877	ng	95
17) 2-Methylphenol	7.057	107	328642	42.552	ng	97
18) Hexachloroethane	7.304	117	142246	37.358	ng	96
19) n-Nitroso-di-n-propyla...	7.216	70	249341	39.563	ng	98
20) 3+4-Methylphenols	7.210	107	399282	41.650	ng	95
22) Acetophenone	7.210	105	536918	39.874	ng	96
24) Nitrobenzene	7.381	77	381672	37.614	ng	98
25) Isophorone	7.616	82	702101	38.743	ng	99
26) 2-Nitrophenol	7.693	139	209420	41.981	ng	99
27) 2,4-Dimethylphenol	7.740	122	352692	57.338	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	438988	39.422	ng	99
29) 2,4-Dichlorophenol	7.940	162	334986	41.259	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	362940	38.336	ng	99
31) Naphthalene	8.098	128	1143147	38.015	ng	99
32) Benzoic acid	7.881	122	264642	43.370	ng	96
33) 4-Chloroaniline	8.145	127	170430	15.898	ng	99
34) Hexachlorobutadiene	8.210	225	203420	36.255	ng	99
35) Caprolactam	8.528	113	66805	26.719	ng	94
36) 4-Chloro-3-methylphenol	8.640	107	359838	41.741	ng	98
37) 2-Methylnaphthalene	8.787	142	752023	39.310	ng	97
38) 1-Methylnaphthalene	8.887	142	702229	37.407	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	362774	40.592	ng	99
41) Hexachlorocyclopentadiene	8.939	237	314251	94.913	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	234194	40.246	ng	99

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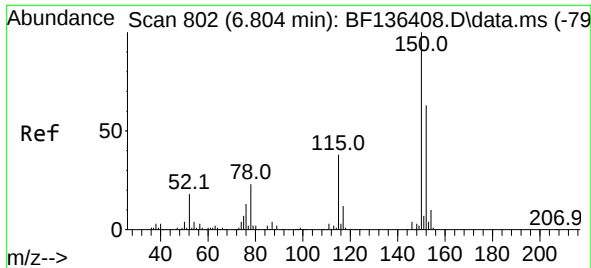
Quant Time: Dec 11 16:56:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	256456	39.487	ng	95
46) 1,1'-Biphenyl	9.257	154	963846	39.433	ng	99
47) 2-Chloronaphthalene	9.281	162	729449	38.343	ng	98
48) 2-Nitroaniline	9.381	65	211207	41.394	ng	94
49) Acenaphthylene	9.698	152	1079798	39.844	ng	99
50) Dimethylphthalate	9.563	163	859776	40.653	ng	99
51) 2,6-Dinitrotoluene	9.622	165	191886	40.330	ng	93
52) Acenaphthene	9.869	154	688672	39.656	ng	97
53) 3-Nitroaniline	9.792	138	140932	29.007	ng	94
54) 2,4-Dinitrophenol	9.904	184	217620	90.464	ng	# 90
55) Dibenzofuran	10.039	168	1007357	39.707	ng	98
56) 4-Nitrophenol	9.969	139	300423	82.482	ng	98
57) 2,4-Dinitrotoluene	10.034	165	257219	40.866	ng	96
58) Fluorene	10.386	166	790871	38.834	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	218864	42.070	ng	100
60) Diethylphthalate	10.263	149	826754	39.755	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	383579	38.636	ng	94
62) 4-Nitroaniline	10.416	138	192125	39.824	ng	97
63) Azobenzene	10.539	77	725785	38.342	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	151751	45.193	ng	99
66) n-Nitrosodiphenylamine	10.498	169	715693	41.138	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	248748	39.460	ng	96
68) Hexachlorobenzene	10.933	284	284720	39.079	ng	# 92
69) Atrazine	11.022	200	25563	5.148	ng	98
70) Pentachlorophenol	11.133	266	289497	70.404	ng	98
71) Phenanthrene	11.351	178	1210837	40.631	ng	100
72) Anthracene	11.404	178	1197296	39.889	ng	99
73) Carbazole	11.563	167	1056256	39.759	ng	99
74) Di-n-butylphthalate	11.892	149	1267484	38.918	ng	100
75) Fluoranthene	12.545	202	1193552	38.219	ng	98
77) Benzidine	12.669	184	34007	8.351	ng	100
78) Pyrene	12.775	202	1189983	41.732	ng	99
80) Butylbenzylphthalate	13.398	149	417630	41.142	ng	93
81) Benzo(a)anthracene	13.969	228	831379	40.993	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	218291	38.388	ng	98
83) Chrysene	14.004	228	793419	39.763	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	508327	40.849	ng	98
85) Di-n-octyl phthalate	14.580	149	745947	40.582	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	832415	49.822	ng	100
88) Benzo(b)fluoranthene	15.021	252	773978	47.070	ng	100
89) Benzo(k)fluoranthene	15.057	252	686246	44.285	ng	99
90) Benzo(a)pyrene	15.392	252	632050	46.544	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	693063	50.634	ng	99
92) Benzo(g,h,i)perylene	17.421	276	696424	49.571	ng	98

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

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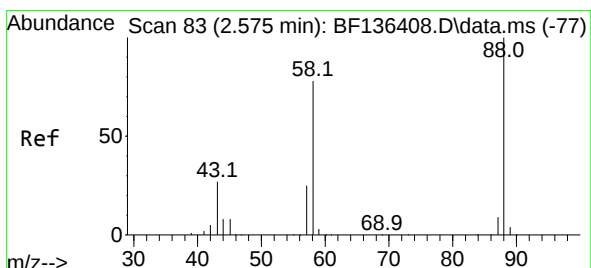
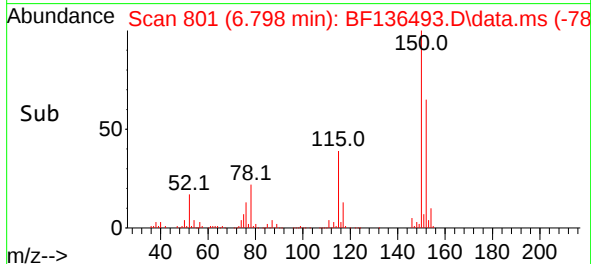
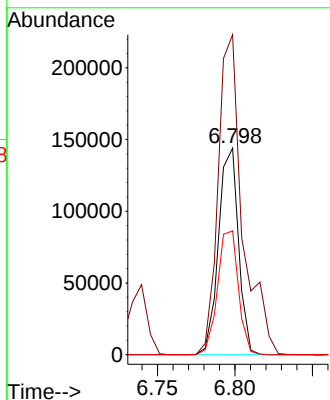
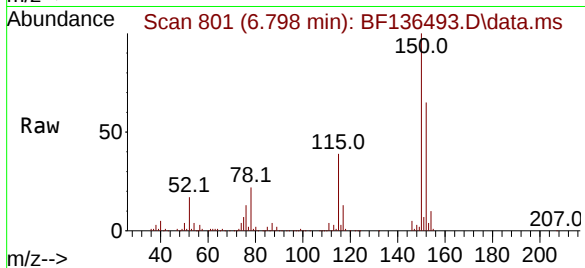




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136493.D
 Acq: 11 Dec 2023 16:35

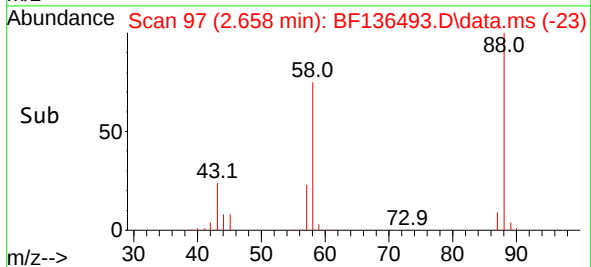
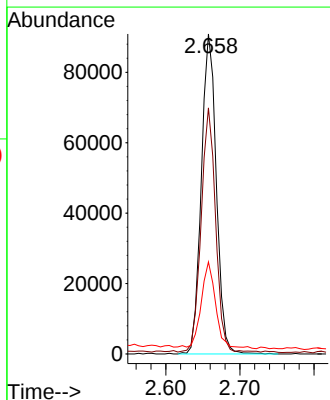
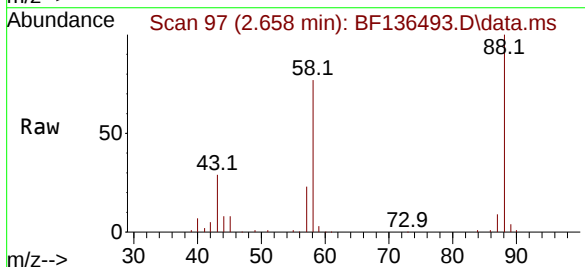
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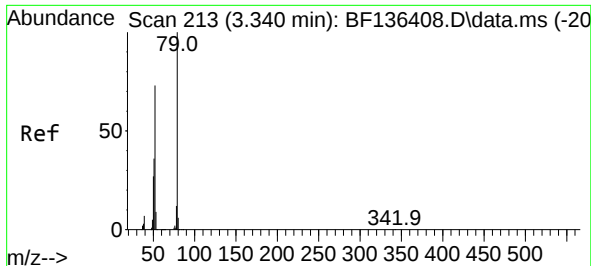
Tgt Ion:152 Resp: 129323
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.4 189.6
 115 60.0 48.2 72.4



#2
 1,4-Dioxane
 Concen: 36.969 ng
 RT: 2.658 min Scan# 97
 Delta R.T. 0.082 min
 Lab File: BF136493.D
 Acq: 11 Dec 2023 16:35

Tgt Ion: 88 Resp: 128046
 Ion Ratio Lower Upper
 88 100
 58 73.6 62.2 93.2
 43 26.5 21.5 32.3

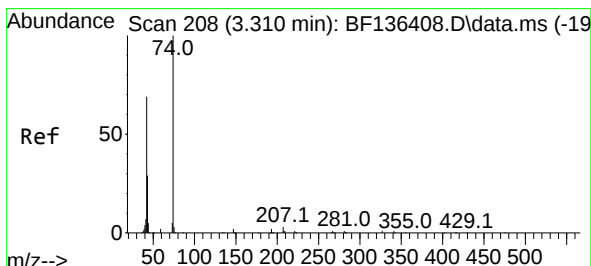
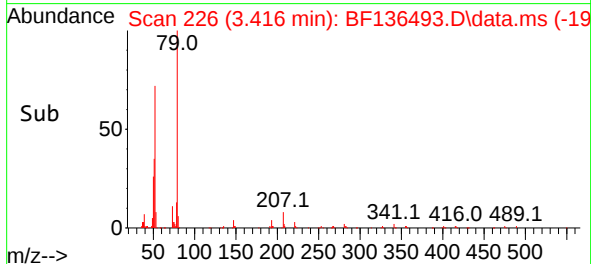
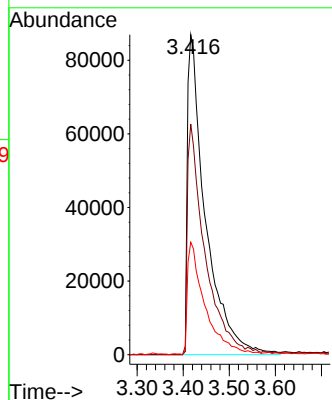
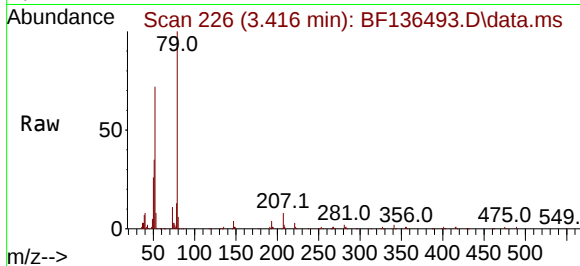




#3
Pyridine
Concen: 28.036 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

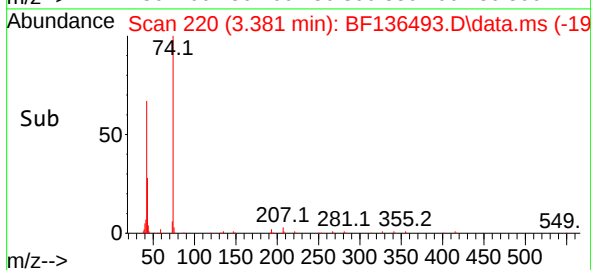
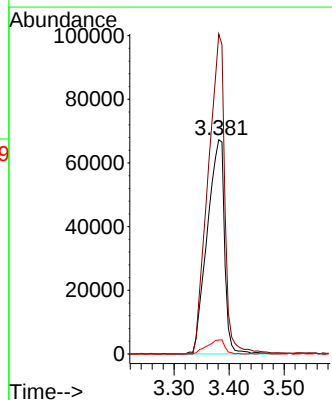
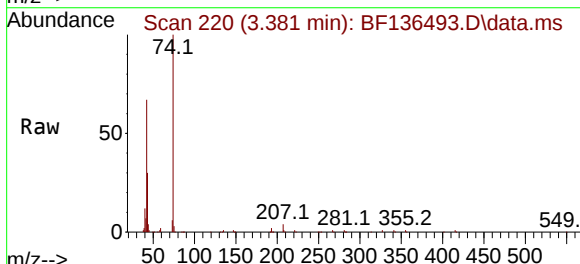
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ClientSampleId :
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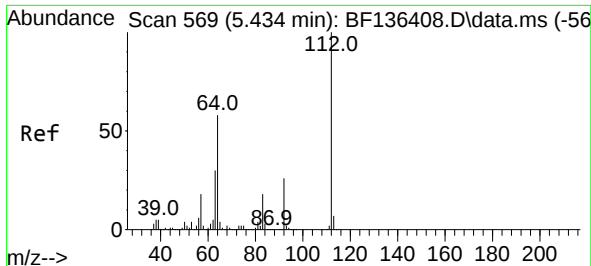
Tgt Ion: 79 Resp: 235160
Ion Ratio Lower Upper
79 100
52 72.1 58.2 87.2
51 35.2 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 40.489 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.071 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion: 42 Resp: 147547
Ion Ratio Lower Upper
42 100
74 149.3 115.4 173.0
44 6.5 6.2 9.2

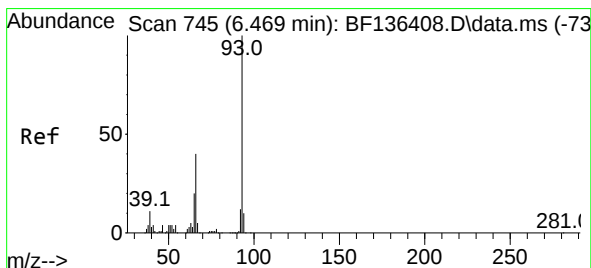
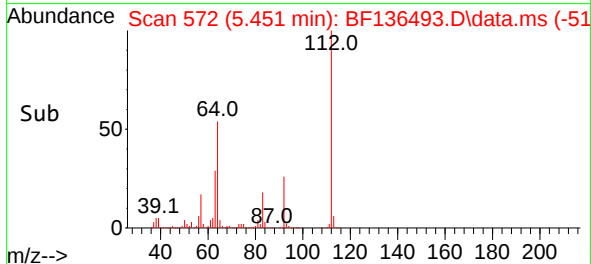
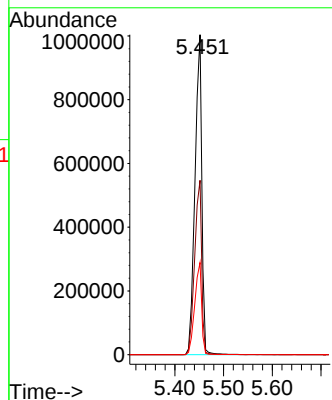
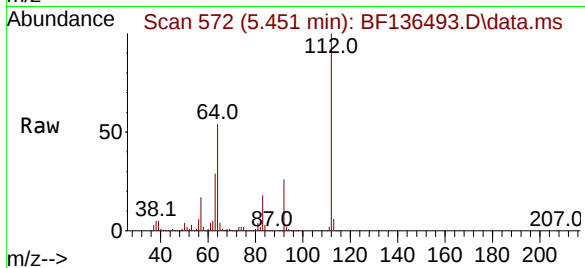




#5
2-Fluorophenol
Concen: 111.628 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

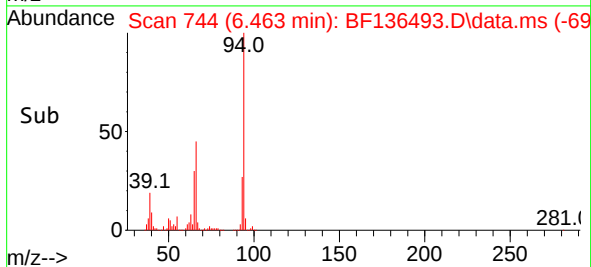
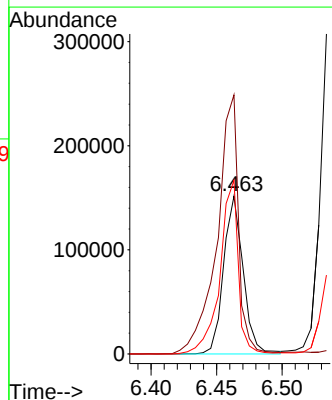
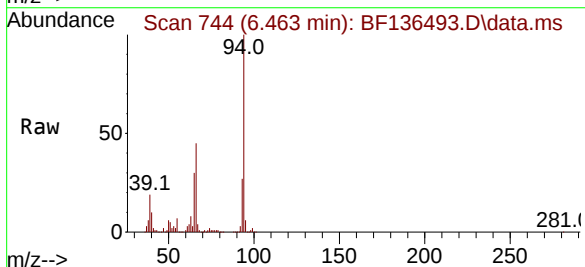
Instrument :
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Tgt Ion:112 Resp: 977502
Ion Ratio Lower Upper
112 100
64 54.5 46.5 69.7
63 28.8 23.9 35.9



#6
Aniline
Concen: 14.253 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion: 93 Resp: 157369
Ion Ratio Lower Upper
93 100
66 164.2 32.5 48.7#
65 110.0 16.4 24.6#

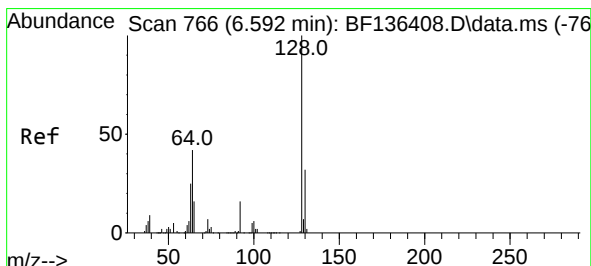
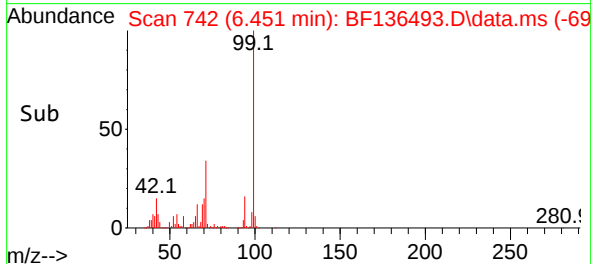
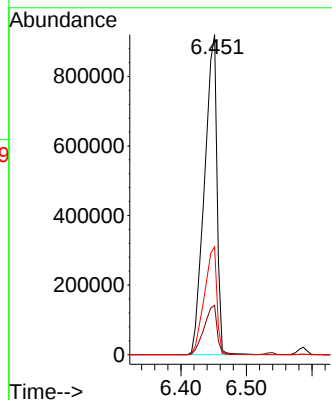
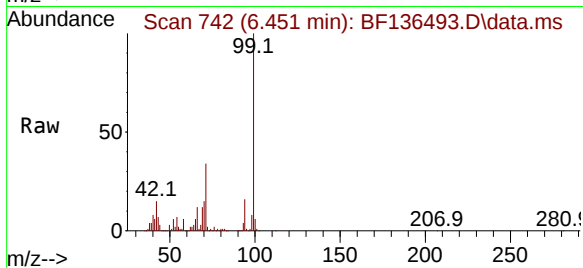




#7
Phenol-d6
Concen: 111.596 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

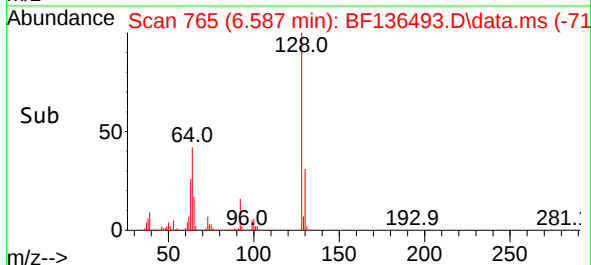
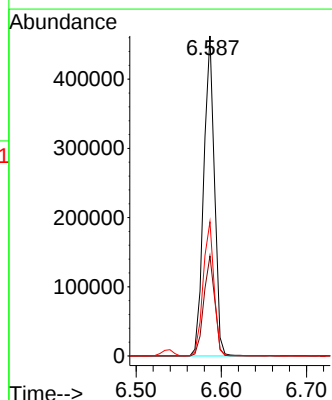
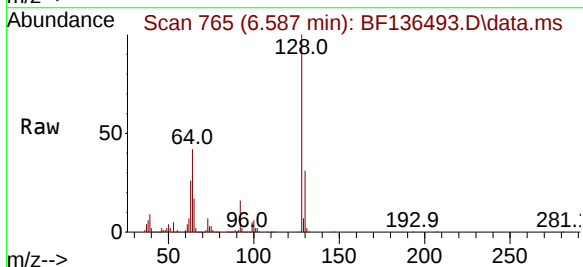
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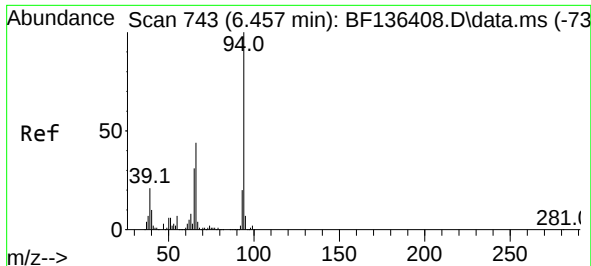
Tgt Ion: 99 Resp: 1219236
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.7 27.0 40.4



#8
2-Chlorophenol
Concen: 42.340 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion: 128 Resp: 404766
Ion Ratio Lower Upper
128 100
130 31.3 11.7 51.7
64 42.0 22.5 62.5

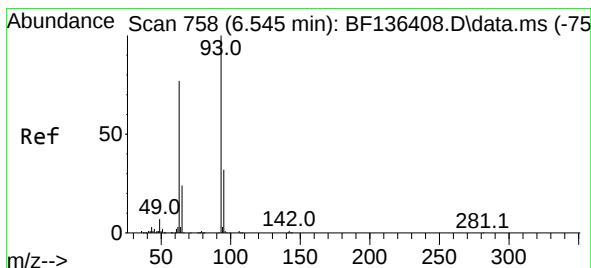
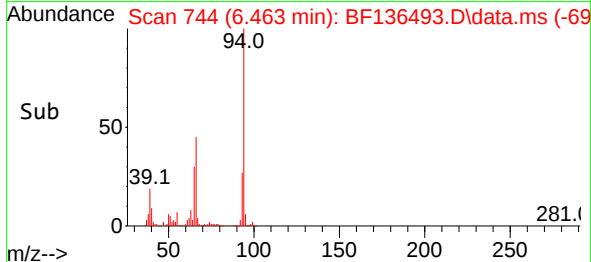
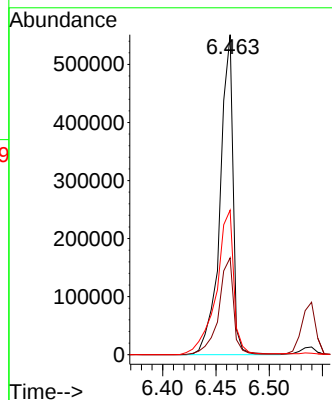
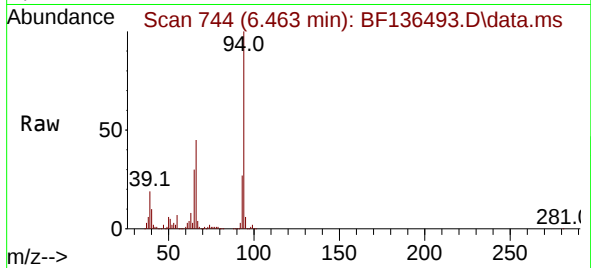




#10
Phenol
Concen: 40.060 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

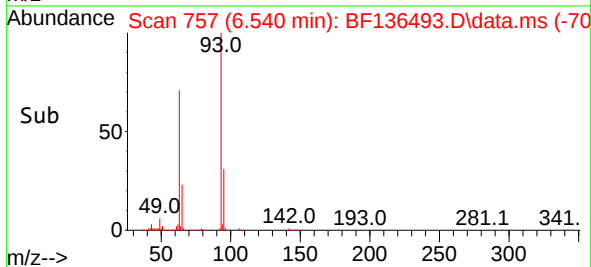
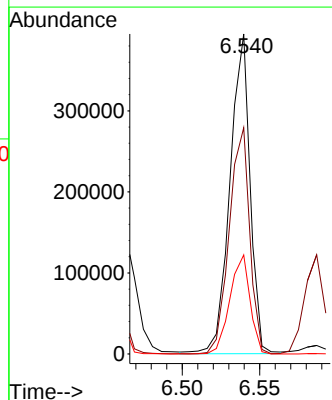
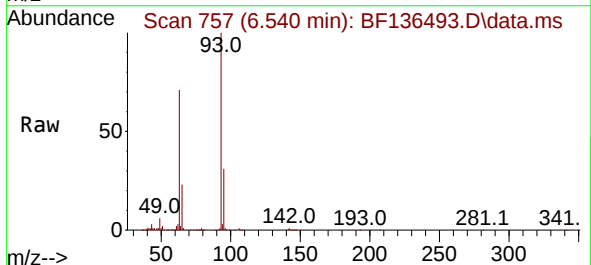
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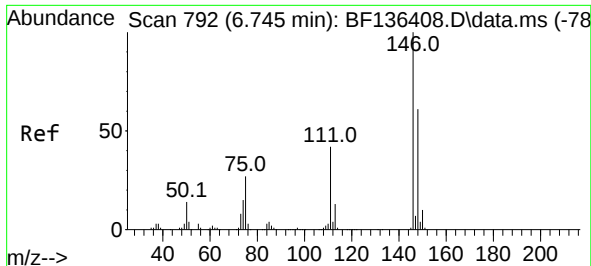
Tgt Ion: 94 Resp: 465731
Ion Ratio Lower Upper
94 100
65 30.2 11.2 51.2
66 45.1 24.2 64.2



#11
bis(2-Chloroethyl)ether
Concen: 41.106 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion: 93 Resp: 356212
Ion Ratio Lower Upper
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63 70.7 56.8 96.8
95 31.0 11.8 51.8

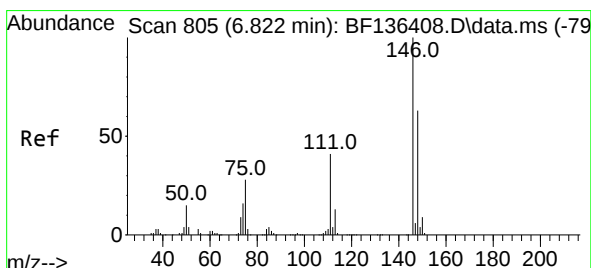
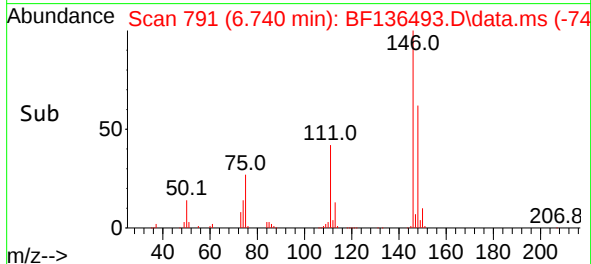
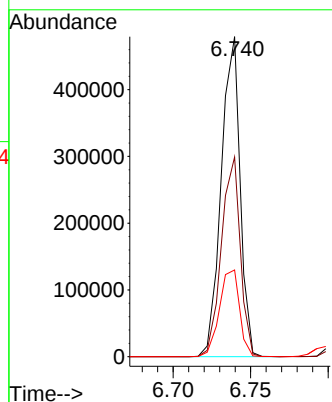
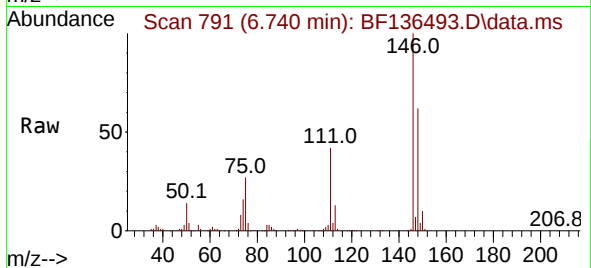




#12
 1,3-Dichlorobenzene
 Concen: 37.718 ng
 RT: 6.740 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF136493.D
 Acq: 11 Dec 2023 16:35

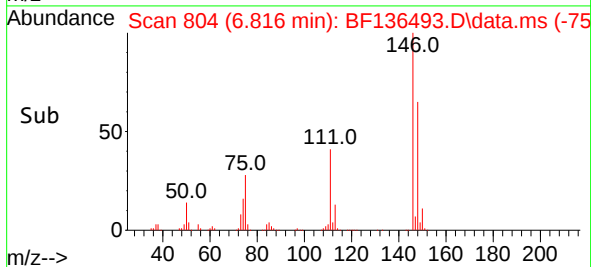
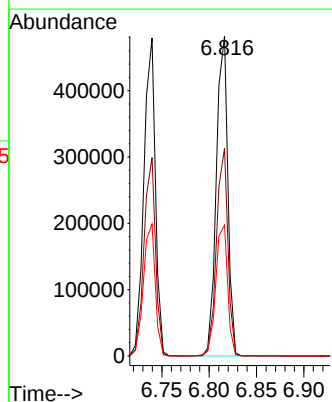
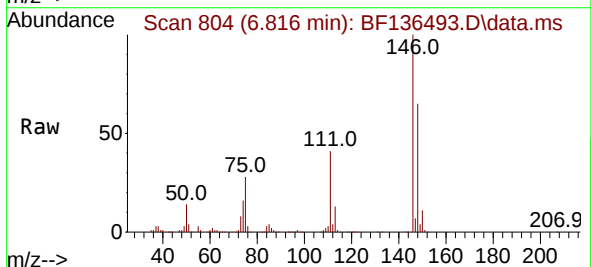
Instrument :
 BNA_F
 ClientSampleId :
 PB157670BS

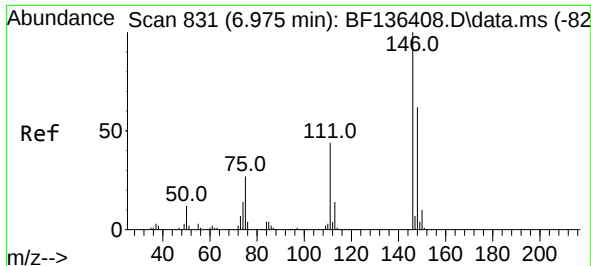
Tgt Ion:146 Resp: 405507
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.0 73.6
 75 27.1 21.8 32.6



#13
 1,4-Dichlorobenzene
 Concen: 37.212 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF136493.D
 Acq: 11 Dec 2023 16:35

Tgt Ion:146 Resp: 405829
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.3 75.5
 111 40.9 32.6 49.0

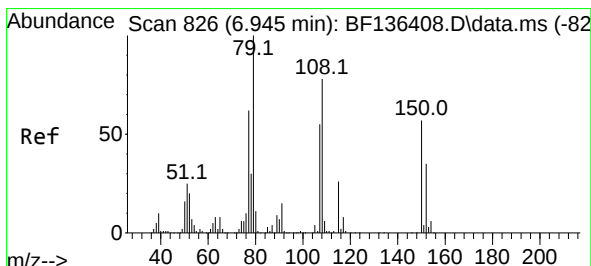
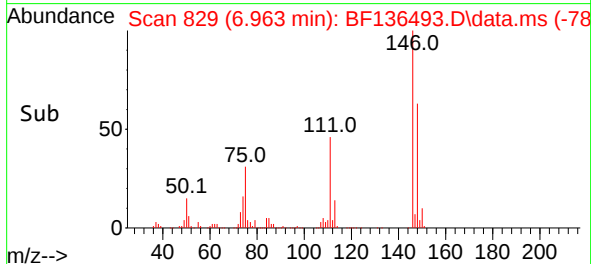
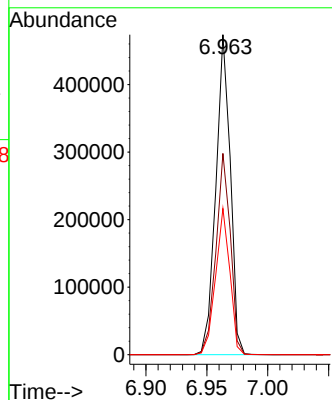
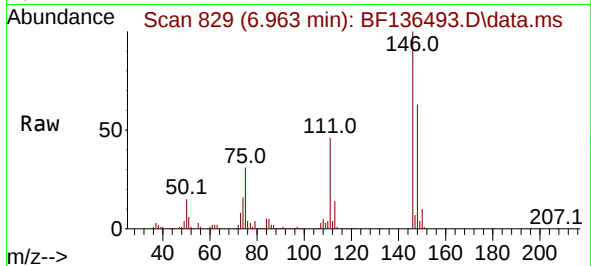




#14
1,2-Dichlorobenzene
Concen: 38.068 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

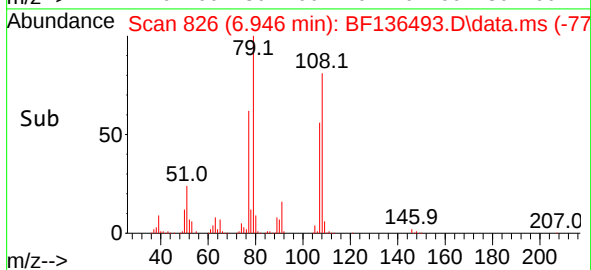
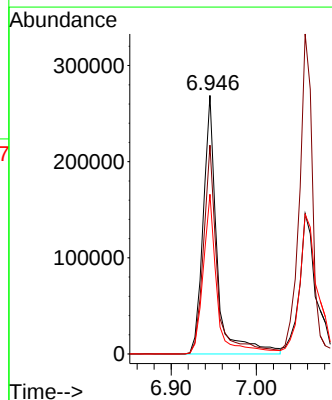
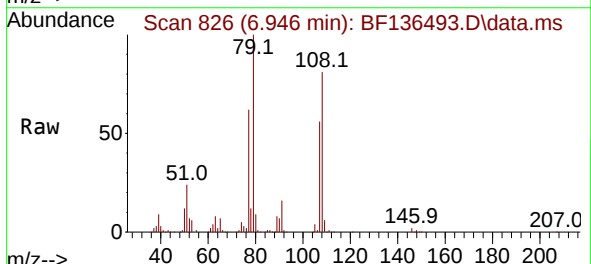
Instrument :
BNA_F
ClientSampleId :
PB157670BS

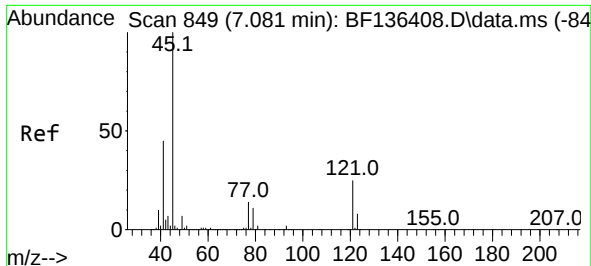
Tgt Ion:146 Resp: 390409
Ion Ratio Lower Upper
146 100
148 62.9 49.8 74.6
111 45.7 34.9 52.3



#15
Benzyl Alcohol
Concen: 41.586 ng
RT: 6.946 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion: 79 Resp: 304247
Ion Ratio Lower Upper
79 100
108 80.8 62.3 93.5
77 61.8 49.8 74.8

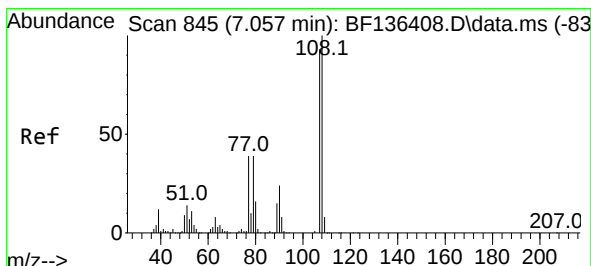
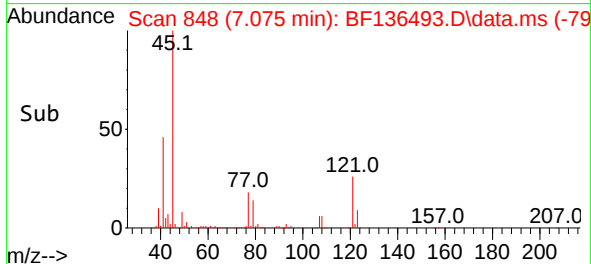
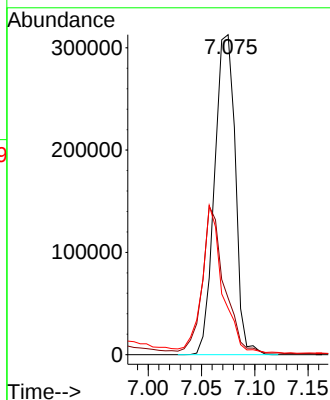
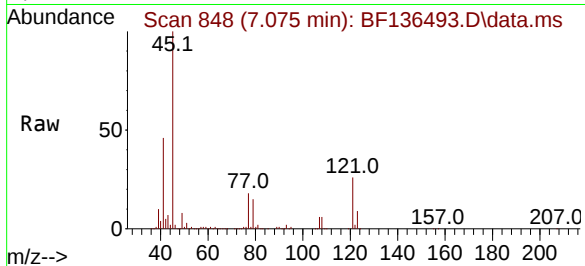




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.877 ng
RT: 7.075 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

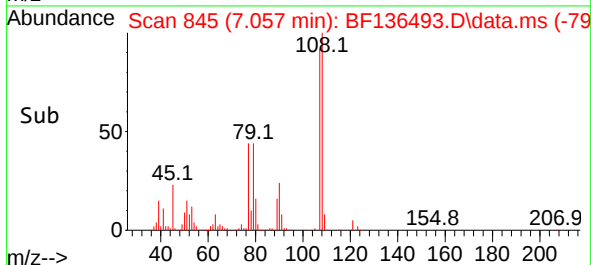
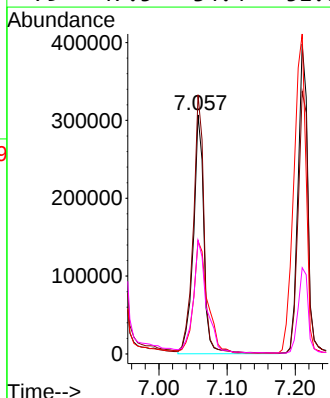
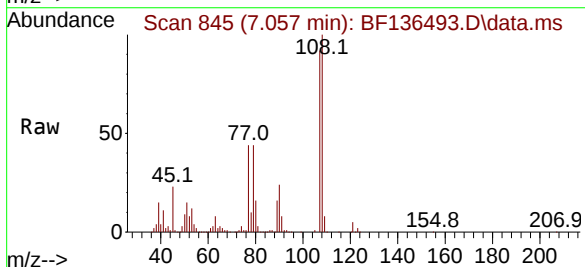
Instrument :
BNA_F
ClientSampleId :
PB157670BS

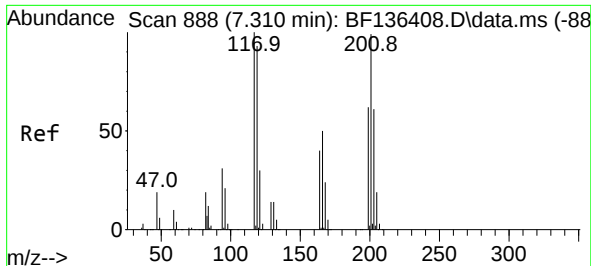
Tgt Ion: 45 Resp: 422149
Ion Ratio Lower Upper
45 100
77 17.7 0.0 35.3
79 14.5 0.0 32.5



#17
2-Methylphenol
Concen: 42.552 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:107 Resp: 328642
Ion Ratio Lower Upper
107 100
108 108.4 86.5 129.7
77 47.3 33.8 50.8
79 47.5 34.4 51.6

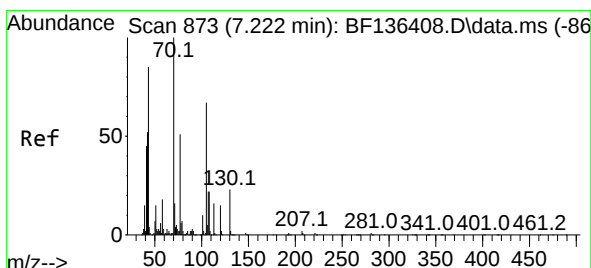
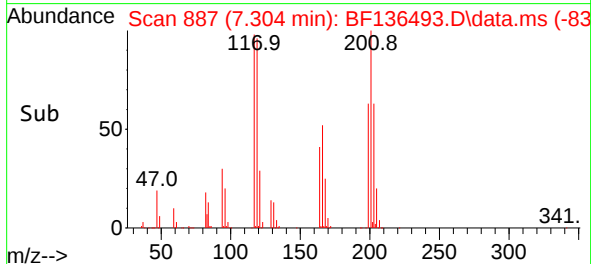
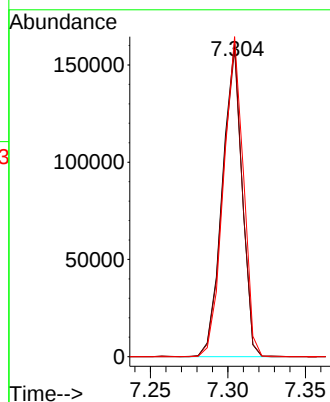
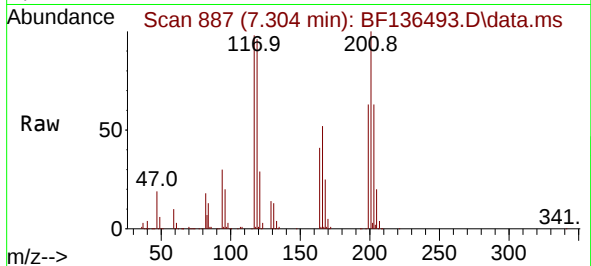




#18
Hexachloroethane
Concen: 37.358 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

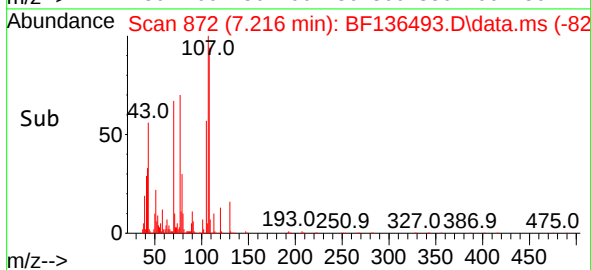
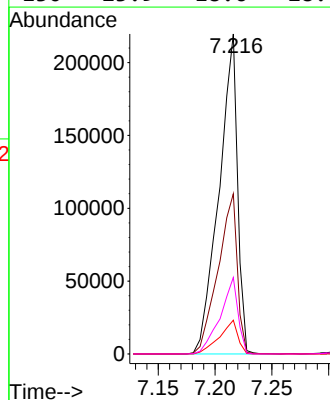
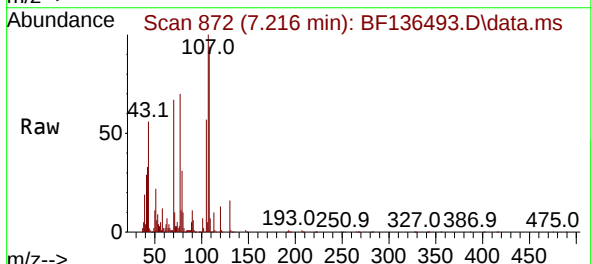
Instrument :
BNA_F
ClientSampleId :
PB157670BS

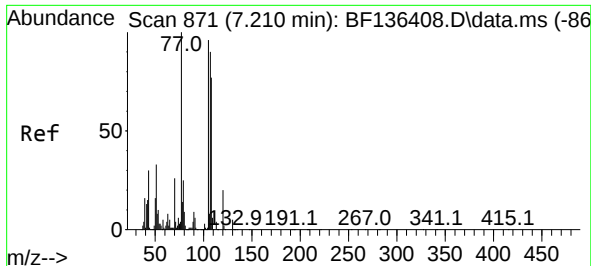
Tgt Ion:117 Resp: 142246
Ion Ratio Lower Upper
117 100
119 97.7 74.3 111.5
201 101.7 79.3 118.9



#19
n-Nitroso-di-n-propylamine
Concen: 39.563 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion: 70 Resp: 249341
Ion Ratio Lower Upper
70 100
42 50.0 41.4 62.0
101 10.6 8.2 12.4
130 23.9 18.6 28.0





#20

3+4-Methylphenols

Concen: 41.650 ng

RT: 7.210 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF136493.D

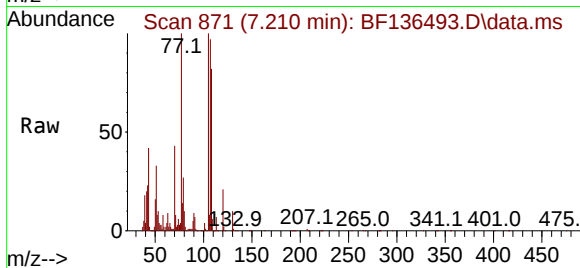
Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS



Tgt Ion:107 Resp: 399282

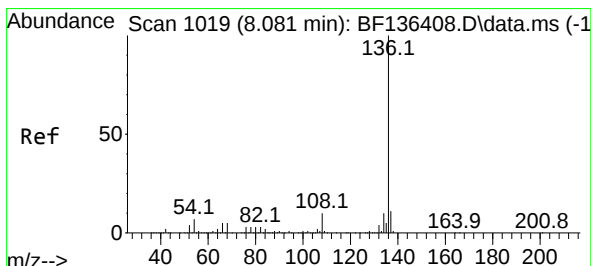
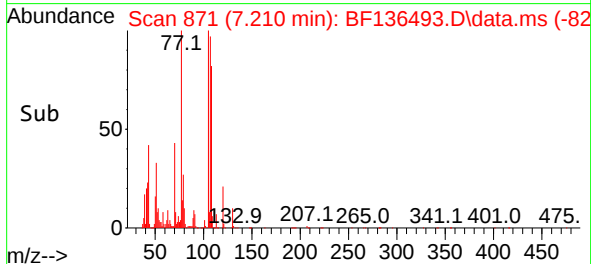
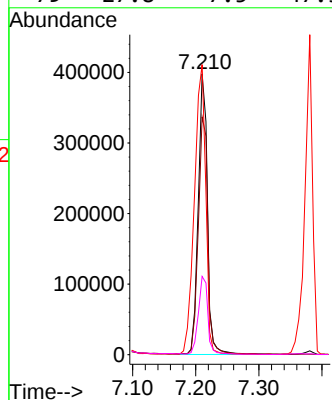
Ion Ratio Lower Upper

107 100

108 84.7 65.9 105.9

77 103.3 91.7 131.7

79 27.8 7.5 47.5



#21

Napthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Tgt Ion:136 Resp: 545293

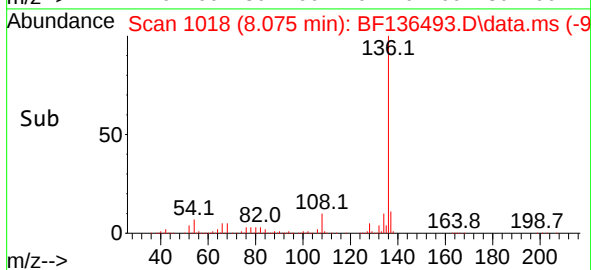
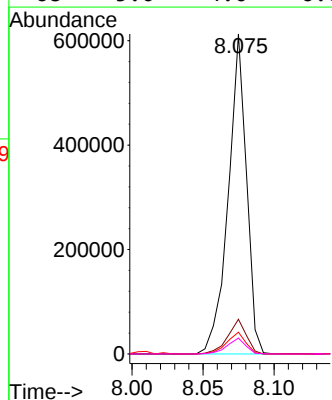
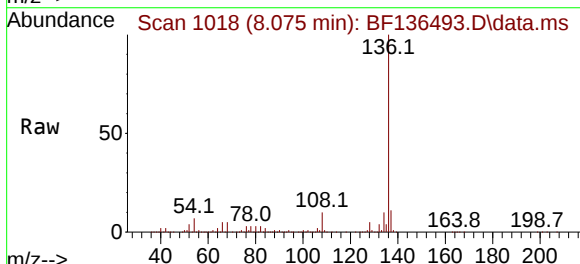
Ion Ratio Lower Upper

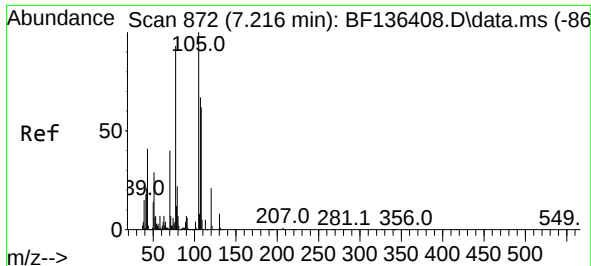
136 100

137 10.9 8.6 12.8

54 6.8 5.7 8.5

68 5.0 4.0 6.0

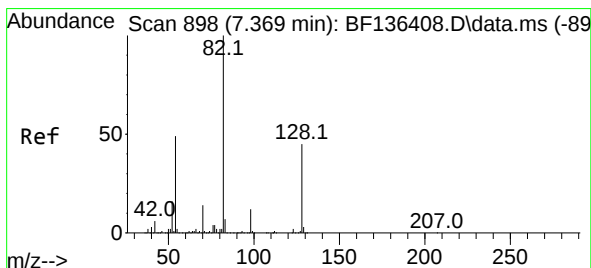
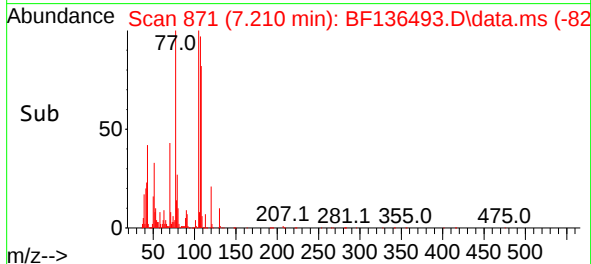
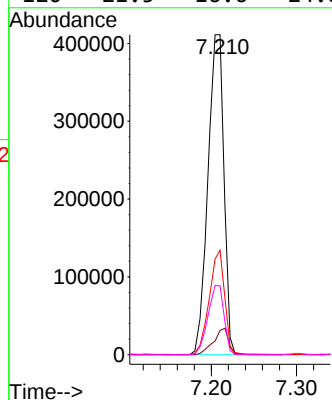
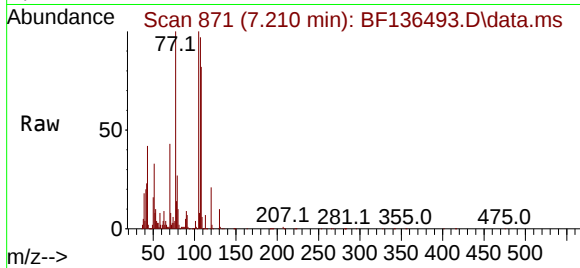




#22
Acetophenone
Concen: 39.874 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

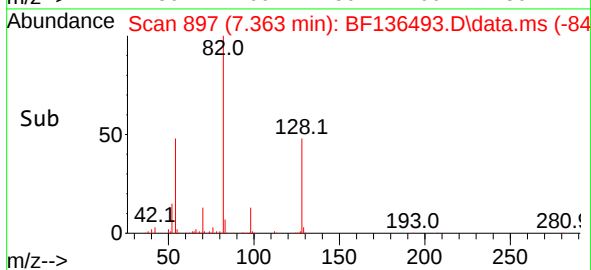
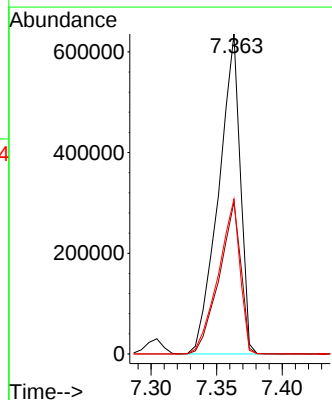
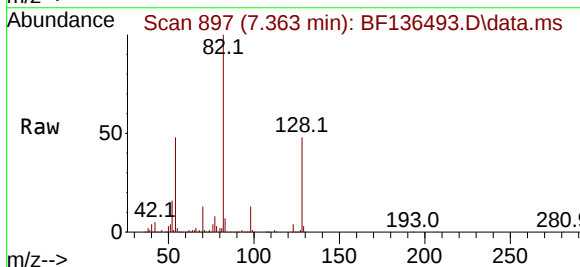
Instrument :
BNA_F
ClientSampleId :
PB157670BS

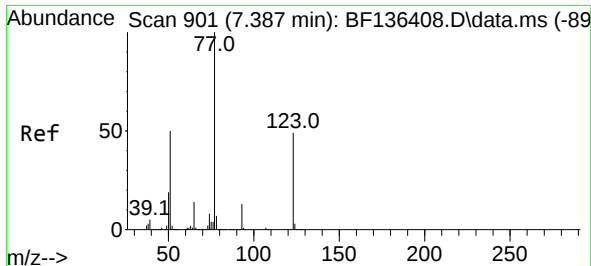
Tgt Ion:105 Resp: 536918
Ion Ratio Lower Upper
105 100
71 7.6 5.4 8.0
51 32.6 23.4 35.2
120 21.5 16.6 24.8



#23
Nitrobenzene-d5
Concen: 72.294 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion: 82 Resp: 729210
Ion Ratio Lower Upper
82 100
128 47.5 36.3 54.5
54 48.4 39.0 58.6

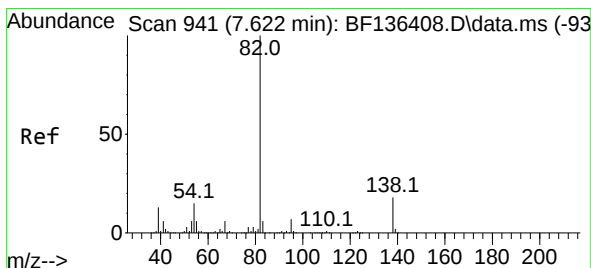
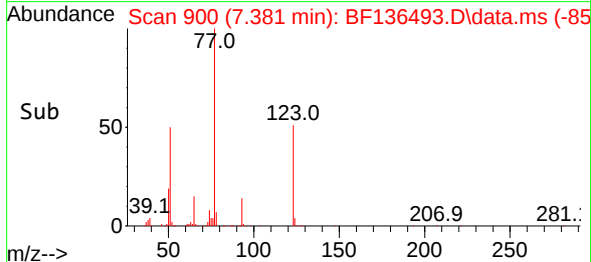
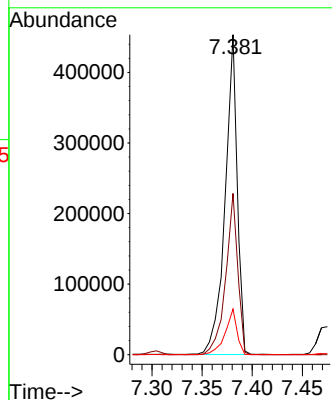
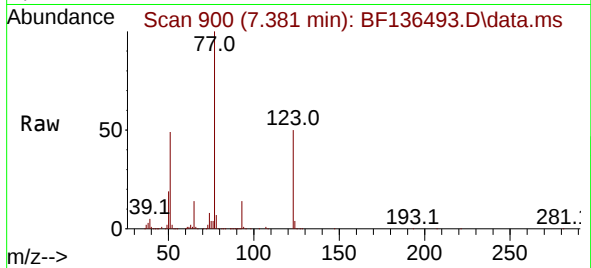




#24
Nitrobenzene
Concen: 37.614 ng
RT: 7.381 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

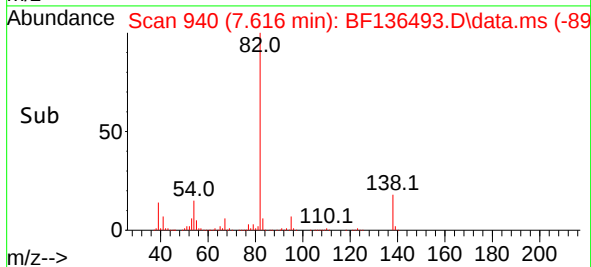
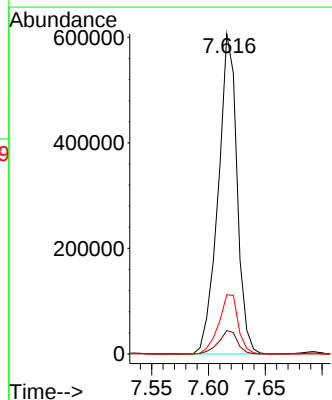
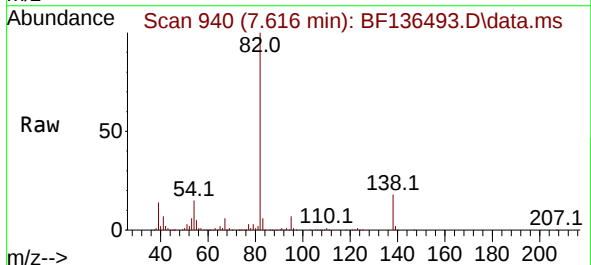
Instrument :
BNA_F
ClientSampleId :
PB157670BS

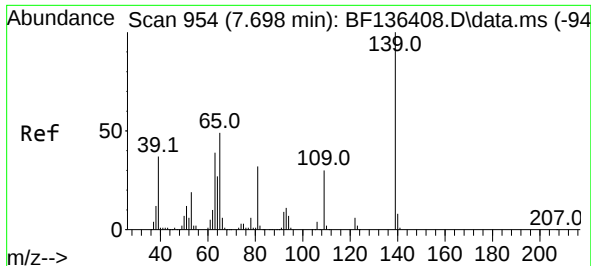
Tgt Ion: 77 Resp: 381672
Ion Ratio Lower Upper
77 100
123 50.4 39.0 58.6
65 14.2 11.3 16.9



#25
Isophorone
Concen: 38.743 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion: 82 Resp: 702101
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.5 14.5 21.7

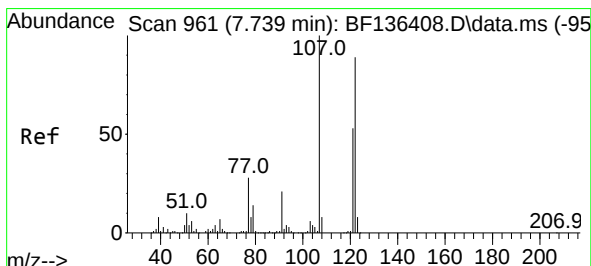
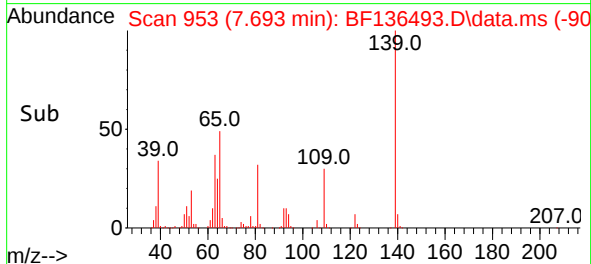
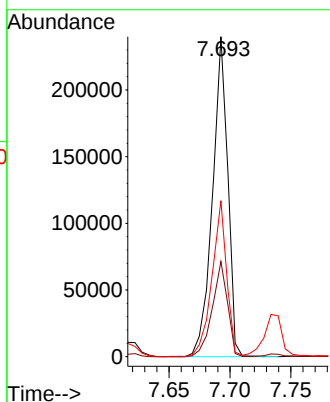
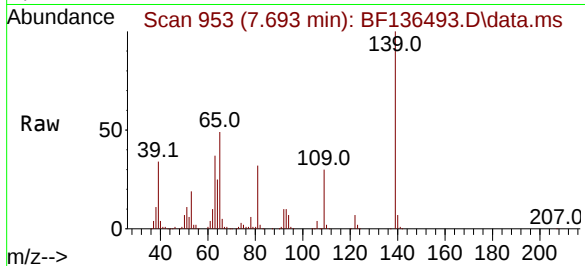




#26
2-Nitrophenol
Concen: 41.981 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

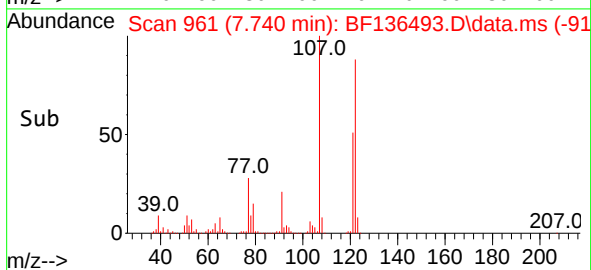
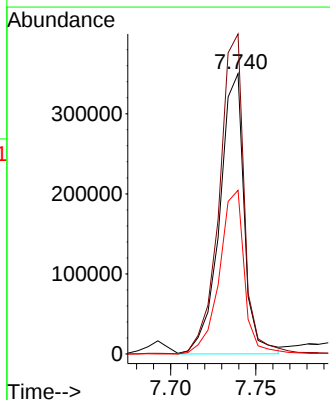
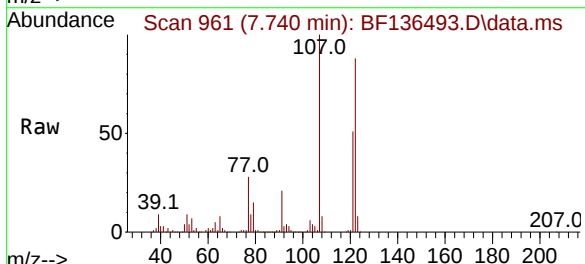
Instrument :
BNA_F
ClientSampleId :
PB157670BS

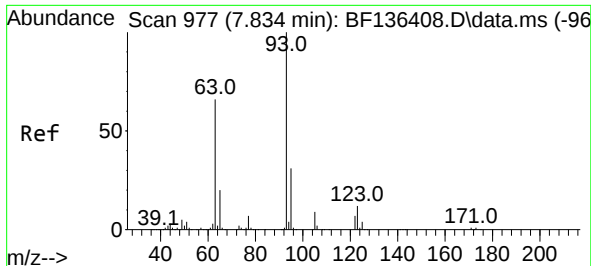
Tgt Ion:139 Resp: 209420
Ion Ratio Lower Upper
139 100
109 29.8 23.6 35.4
65 48.8 39.4 59.2



#27
2,4-Dimethylphenol
Concen: 57.338 ng
RT: 7.740 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:122 Resp: 352692
Ion Ratio Lower Upper
122 100
107 114.2 89.3 133.9
121 58.4 47.6 71.4

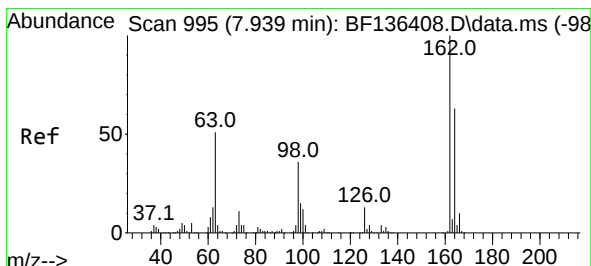
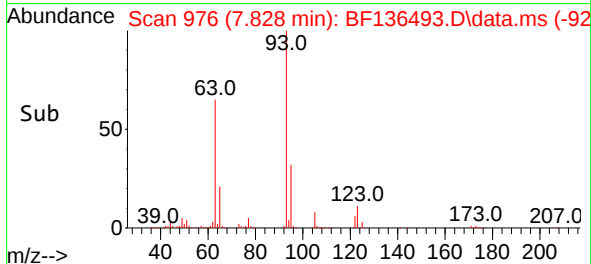
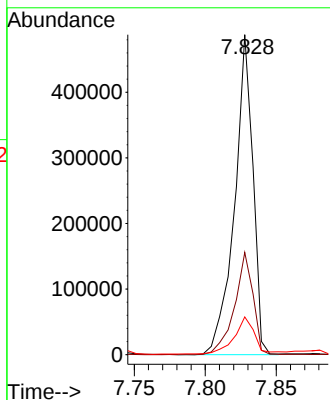
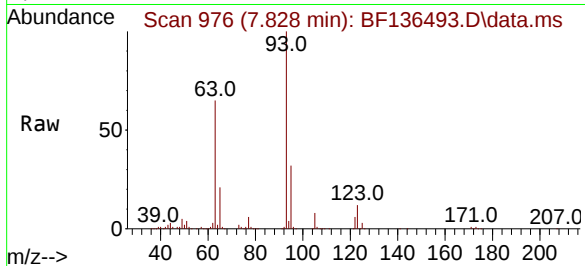




#28
bis(2-Chloroethoxy)methane
Concen: 39.422 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

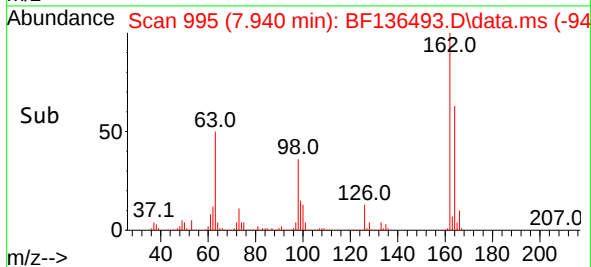
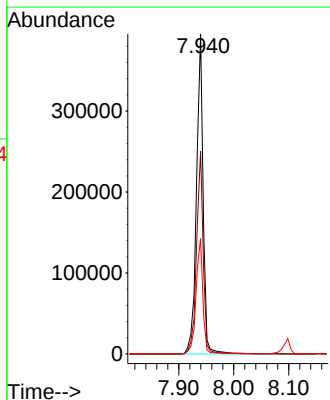
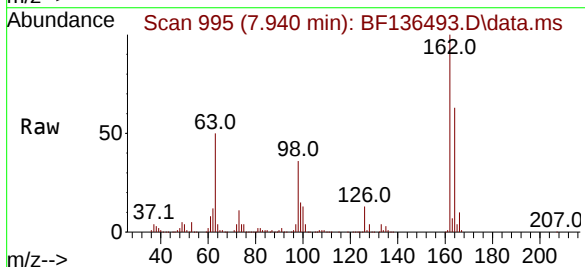
Instrument :
BNA_F
ClientSampleId :
PB157670BS

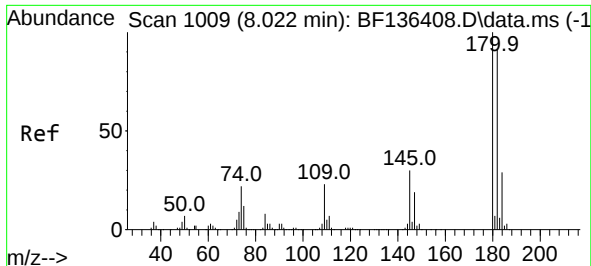
Tgt Ion: 93 Resp: 438988
Ion Ratio Lower Upper
93 100
95 32.0 25.0 37.4
123 11.8 9.4 14.0



#29
2,4-Dichlorophenol
Concen: 41.259 ng
RT: 7.940 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:162 Resp: 334986
Ion Ratio Lower Upper
162 100
164 63.4 43.0 83.0
98 36.0 16.2 56.2

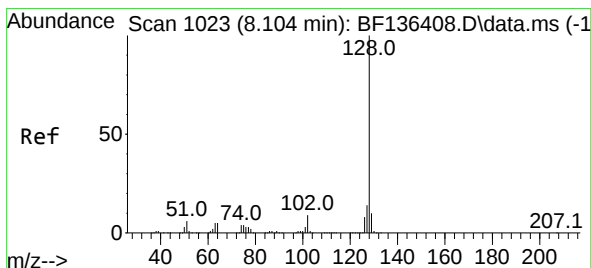
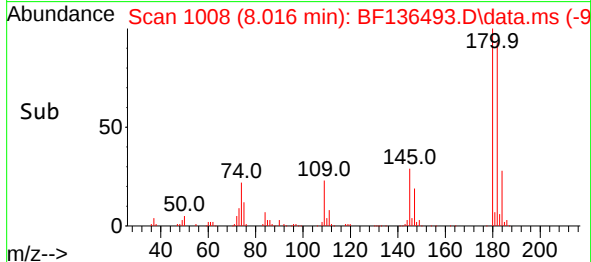
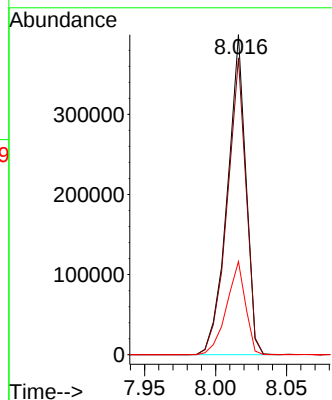
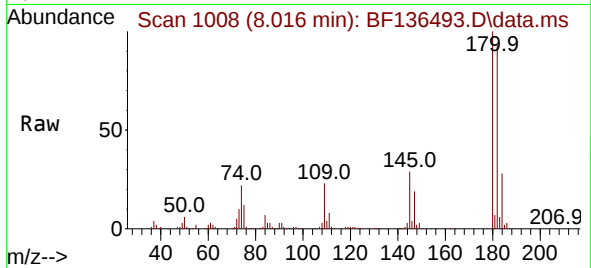




#30
1,2,4-Trichlorobenzene
Concen: 38.336 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

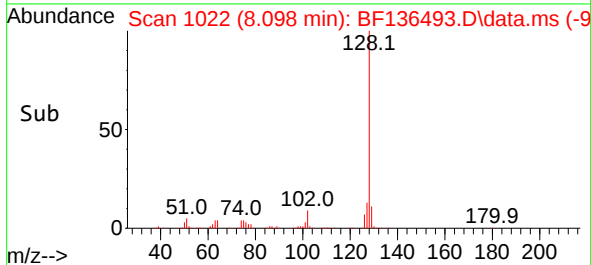
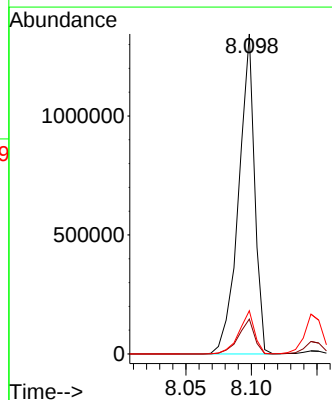
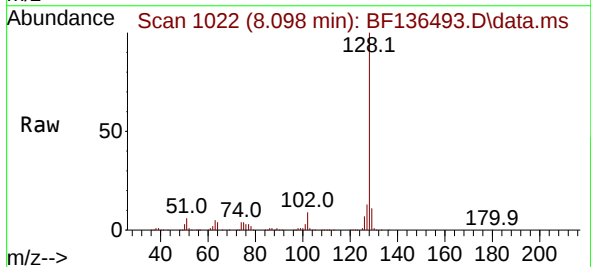
Instrument :
BNA_F
ClientSampleId :
PB157670BS

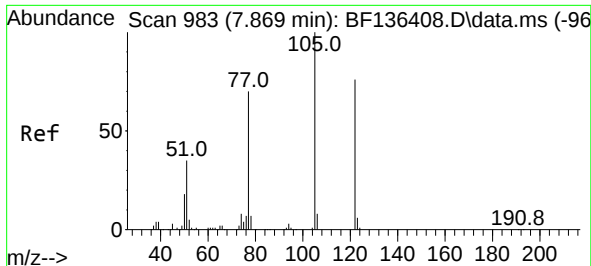
Tgt Ion:180 Resp: 362940
Ion Ratio Lower Upper
180 100
182 92.7 73.1 109.7
145 29.1 23.8 35.8



#31
Naphthalene
Concen: 38.015 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:128 Resp: 1143147
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.5 11.1 16.7

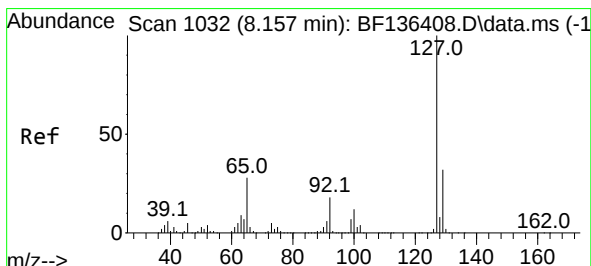
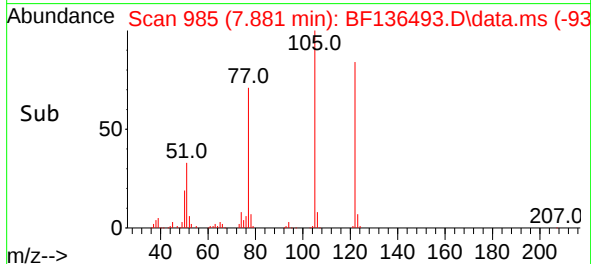
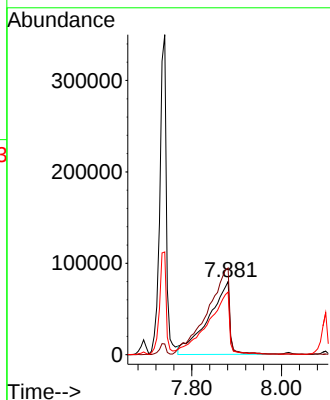
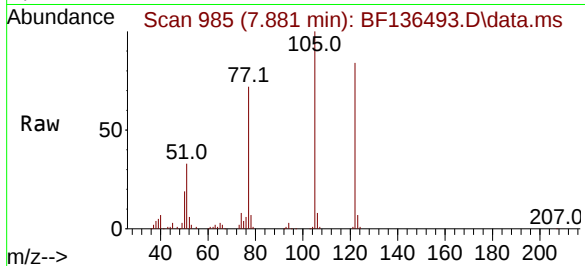




#32
Benzoic acid
Concen: 43.370 ng
RT: 7.881 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

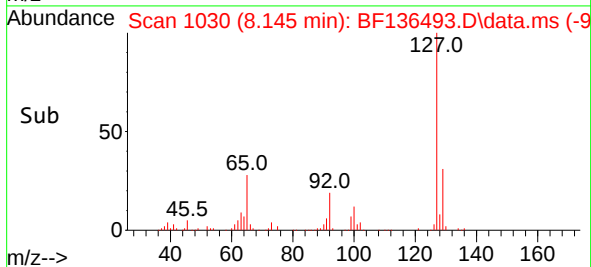
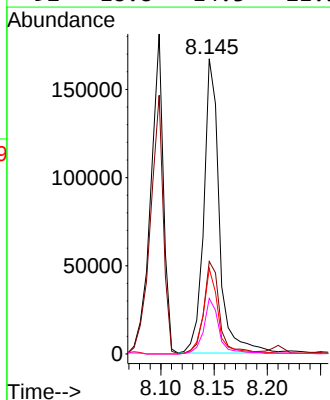
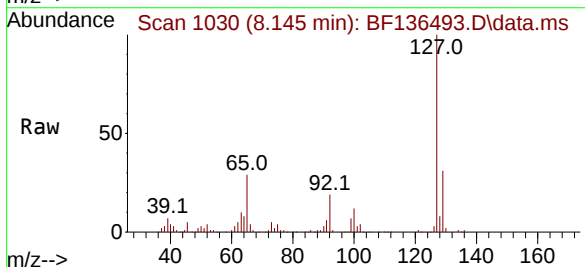
Instrument :
BNA_F
ClientSampleId :
PB157670BS

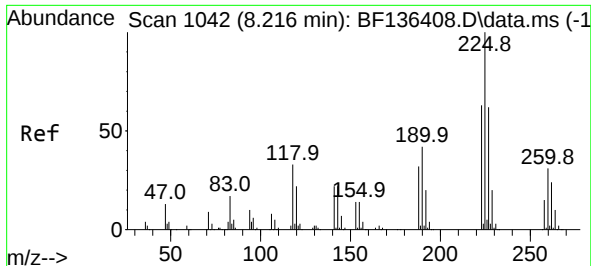
Tgt Ion:122 Resp: 264642
Ion Ratio Lower Upper
122 100
105 118.6 104.7 144.7
77 85.8 68.5 108.5



#33
4-Chloroaniline
Concen: 15.898 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:127 Resp: 170430
Ion Ratio Lower Upper
127 100
129 31.3 25.4 38.2
65 28.9 22.5 33.7
92 18.8 14.3 21.5

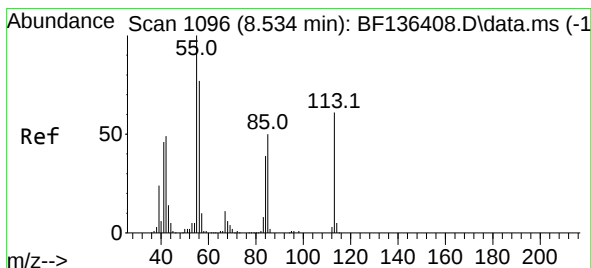
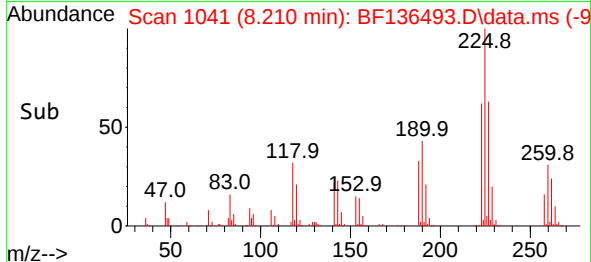
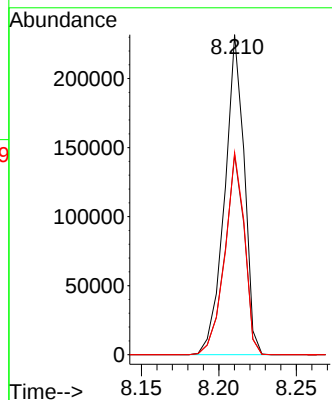
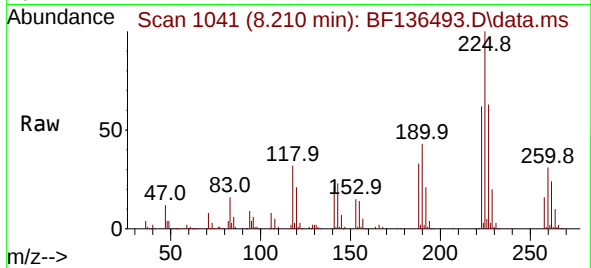




#34
Hexachlorobutadiene
Concen: 36.255 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

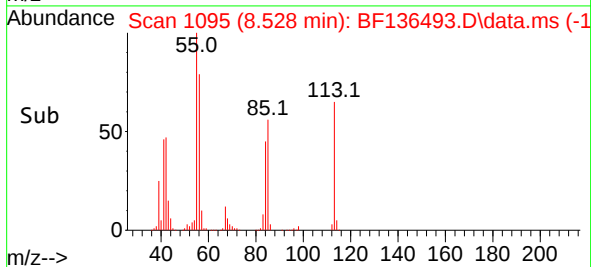
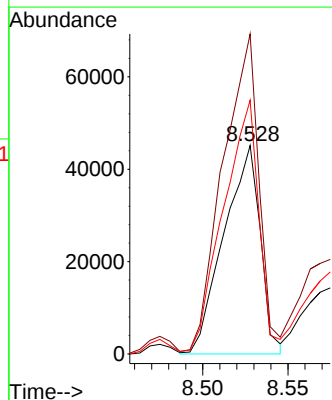
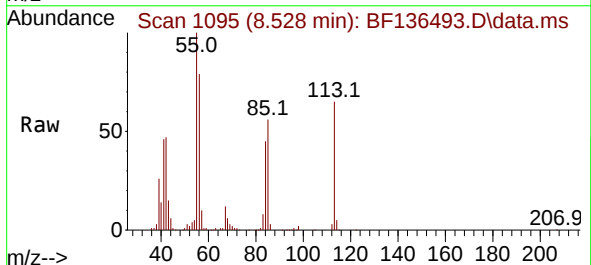
Instrument :
BNA_F
ClientSampleId :
PB157670BS

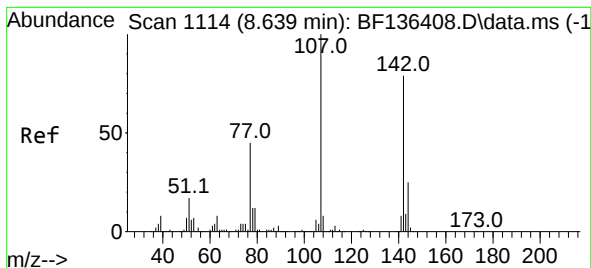
Tgt Ion:225 Resp: 203420
Ion Ratio Lower Upper
225 100
223 62.5 50.8 76.2
227 63.2 49.8 74.8



#35
Caprolactam
Concen: 26.719 ng
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:113 Resp: 66805
Ion Ratio Lower Upper
113 100
55 153.4 143.7 183.7
56 121.7 105.2 145.2

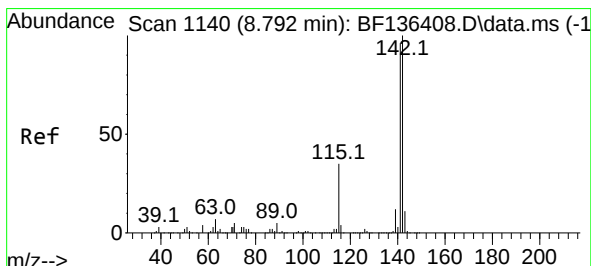
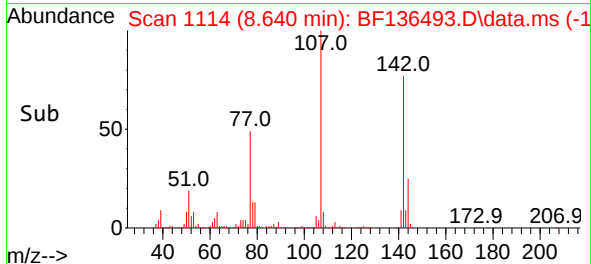
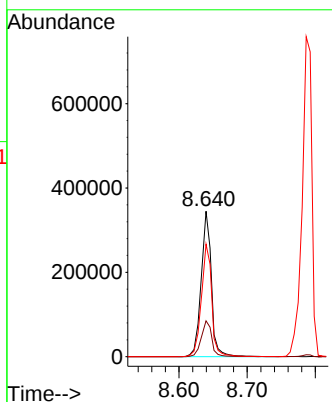
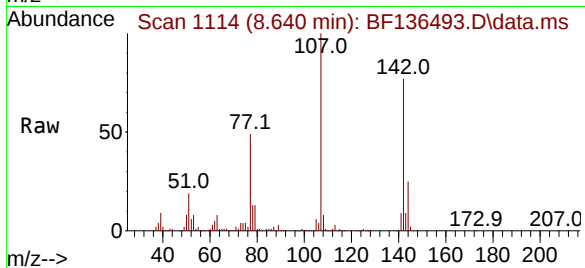




#36
 4-Chloro-3-methylphenol
 Concen: 41.741 ng
 RT: 8.640 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136493.D
 Acq: 11 Dec 2023 16:35

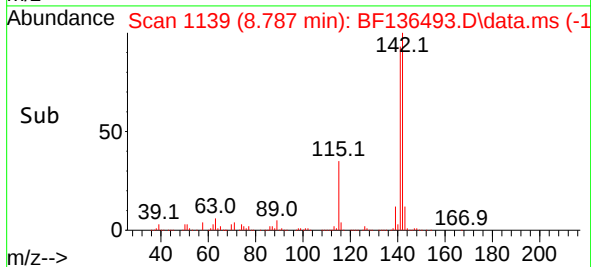
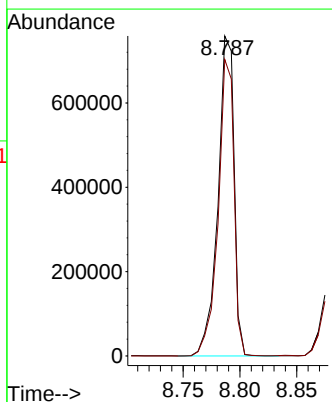
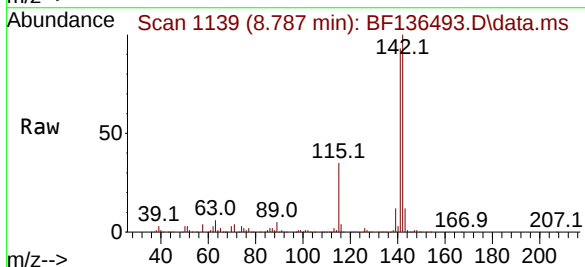
Instrument :
 BNA_F
 ClientSampleId :
 PB157670BS

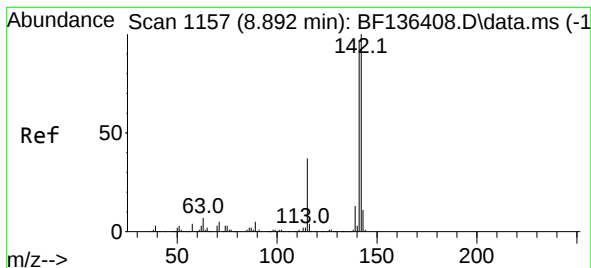
Tgt Ion:	107	Resp:	359838
Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.1	30.1
142	77.3	63.1	94.7



#37
 2-Methylnaphthalene
 Concen: 39.310 ng
 RT: 8.787 min Scan# 1139
 Delta R.T. -0.006 min
 Lab File: BF136493.D
 Acq: 11 Dec 2023 16:35

Tgt Ion:	142	Resp:	752023
Ion	Ratio	Lower	Upper
142	100		
141	92.6	76.4	114.6





#38

1-Methylnaphthalene

Concen: 37.407 ng

RT: 8.887 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

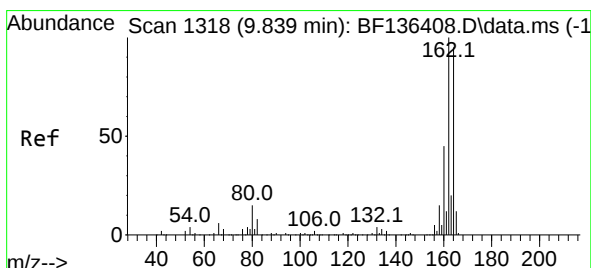
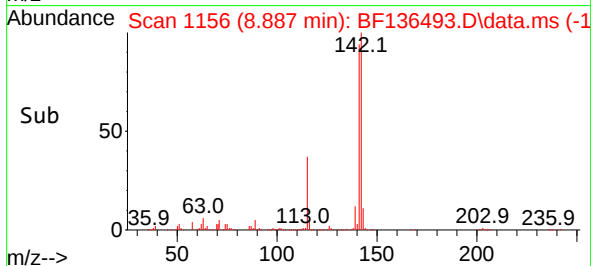
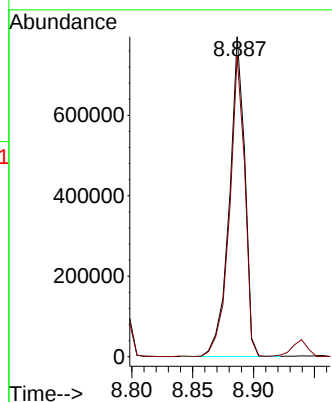
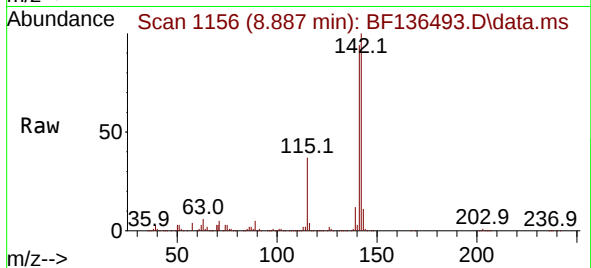
PB157670BS

Tgt Ion:142 Resp: 702229

Ion Ratio Lower Upper

142 100

141 94.0 77.7 116.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

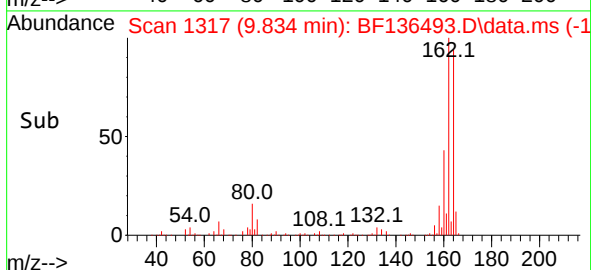
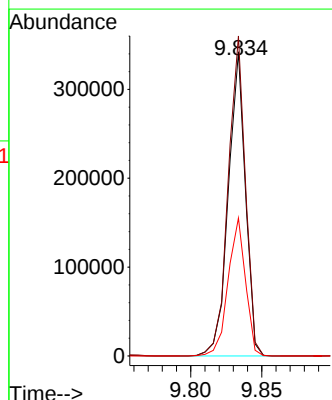
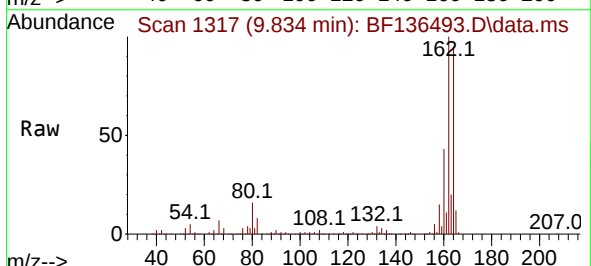
Tgt Ion:164 Resp: 287258

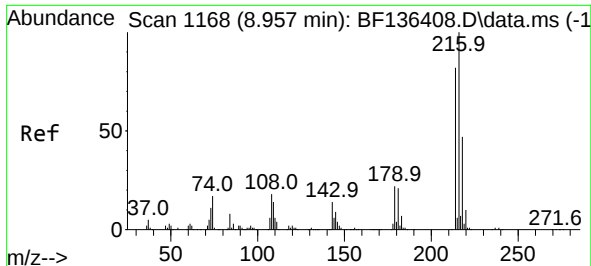
Ion Ratio Lower Upper

164 100

162 105.2 84.4 126.6

160 45.3 37.6 56.4



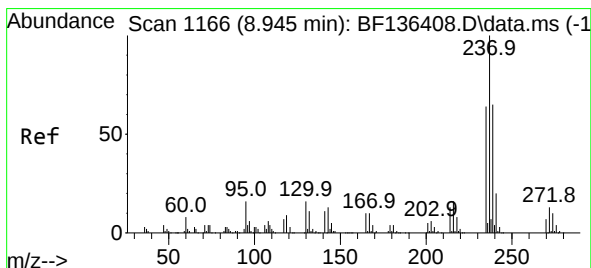
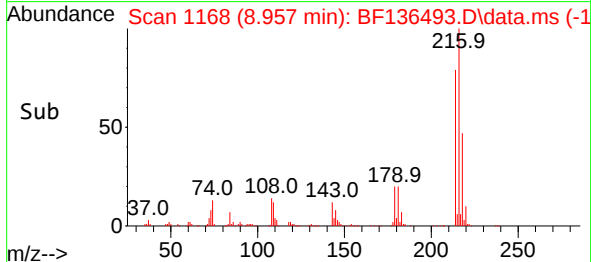
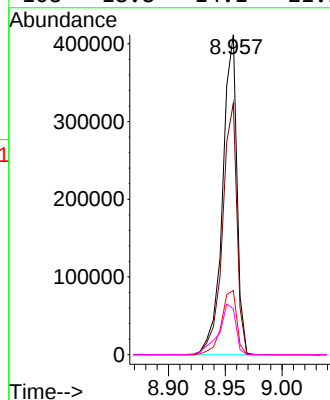
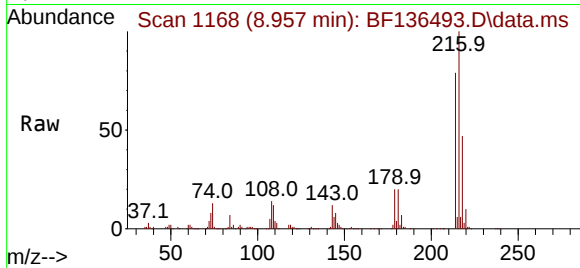


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.592 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Instrument :
BNA_F
ClientSampleId :
PB157670BS

Tgt Ion:216 Resp: 362774

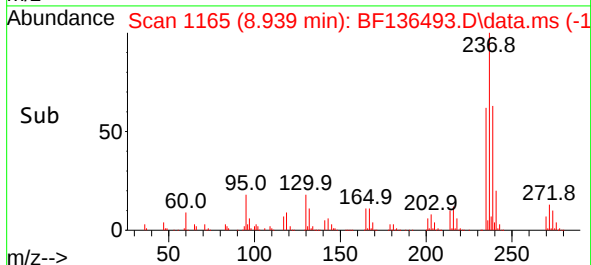
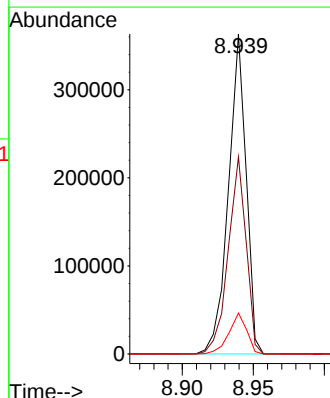
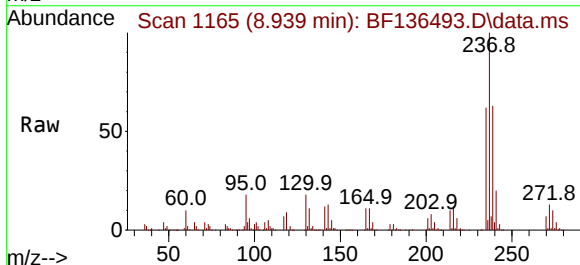
Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.1	96.1
179	21.4	17.0	25.6
108	18.8	14.1	21.1

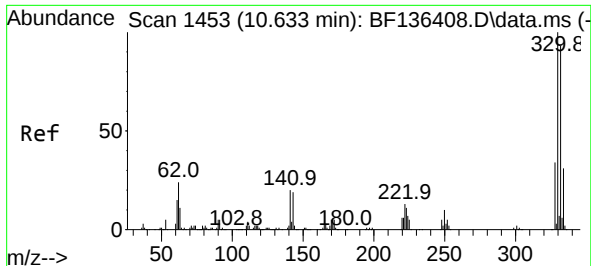


#41
Hexachlorocyclopentadiene
Concen: 94.913 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:237 Resp: 314251

Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.1	84.1
272	12.8	0.0	33.3





#42

2,4,6-Tribromophenol

Concen: 112.255 ng

RT: 10.634 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS

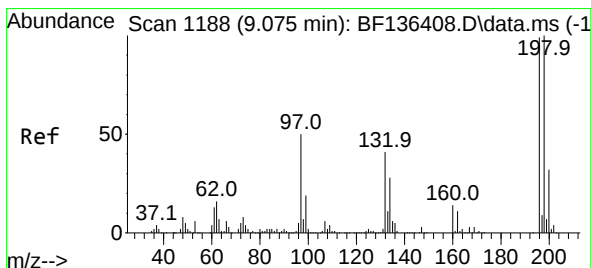
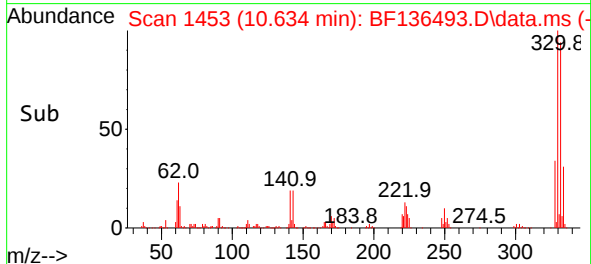
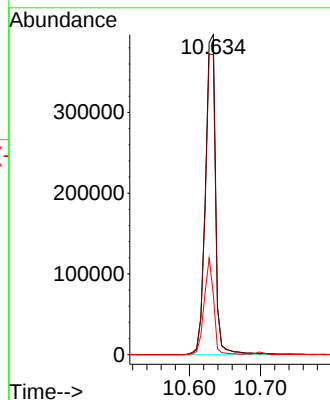
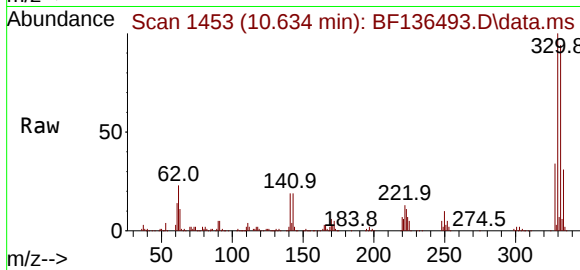
Tgt Ion:330 Resp: 397598

Ion Ratio Lower Upper

330 100

332 95.2 76.4 114.6

141 28.0 23.4 35.2



#43

2,4,6-Trichlorophenol

Concen: 40.246 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

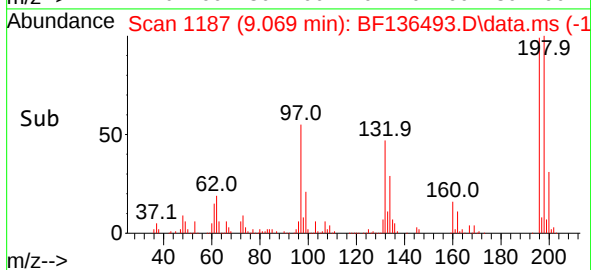
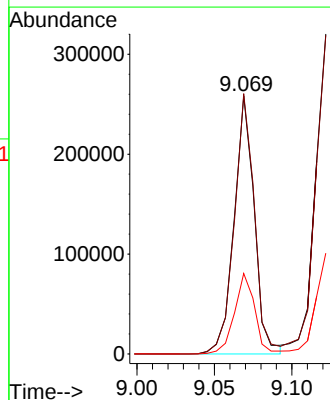
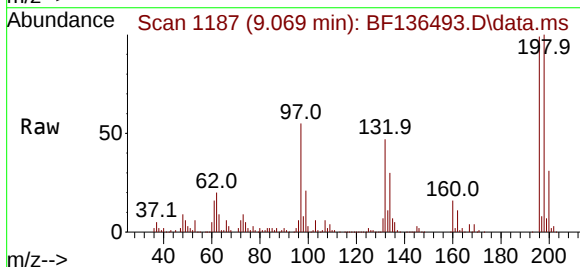
Tgt Ion:196 Resp: 234194

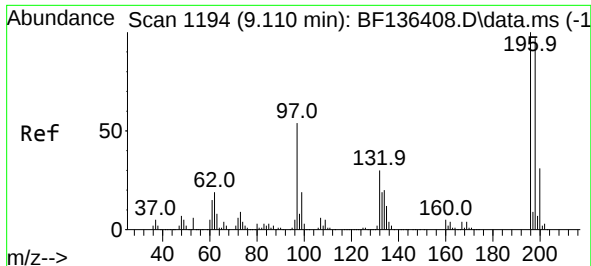
Ion Ratio Lower Upper

196 100

198 100.9 80.4 120.6

200 31.2 25.9 38.9

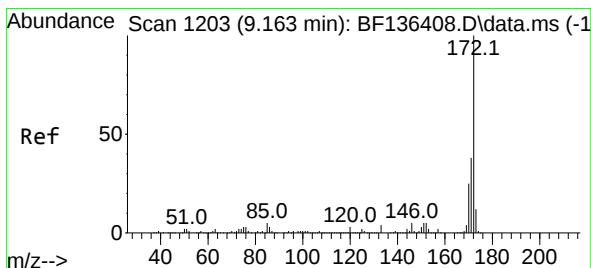
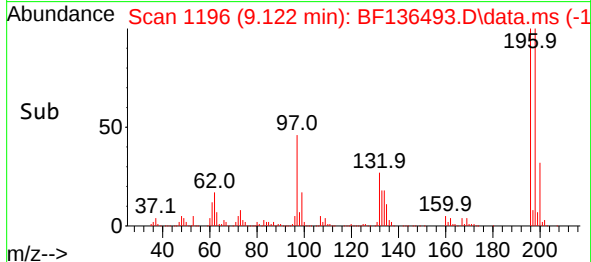
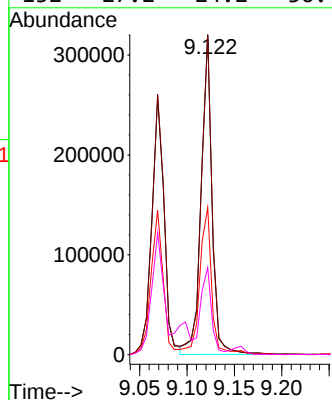
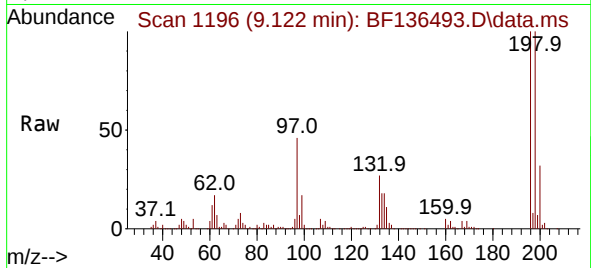




#44
2,4,5-Trichlorophenol
Concen: 39.487 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

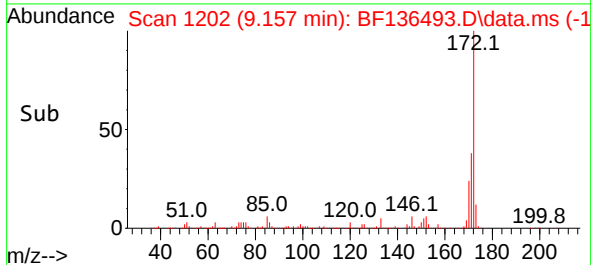
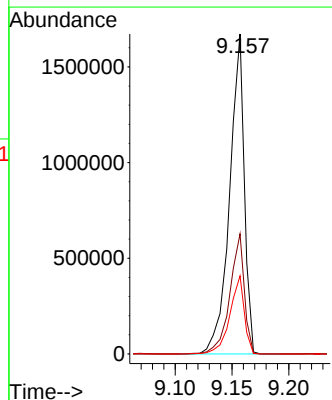
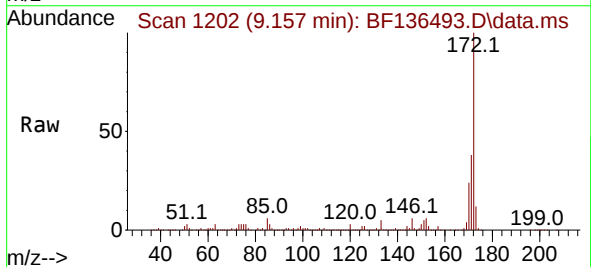
Instrument :
BNA_F
ClientSampleId :
PB157670BS

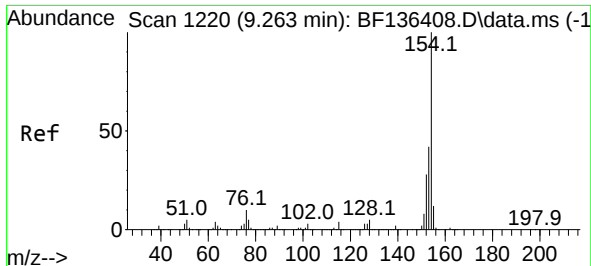
Tgt Ion:196	Resp:	256456
Ion Ratio	Lower	Upper
196	100	
198	99.6	78.1 117.1
97	46.0	43.4 65.2
132	27.2	24.2 36.4



#45
2-Fluorobiphenyl
Concen: 71.516 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:172	Resp:	1505563
Ion Ratio	Lower	Upper
172	100	
171	37.6	30.5 45.7
170	24.4	19.9 29.9

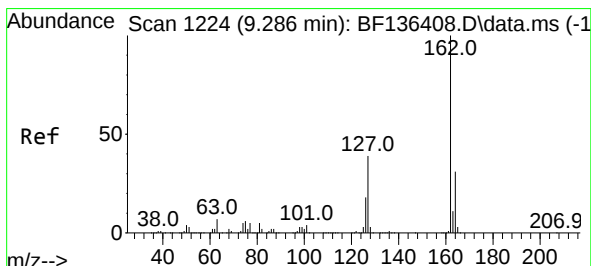
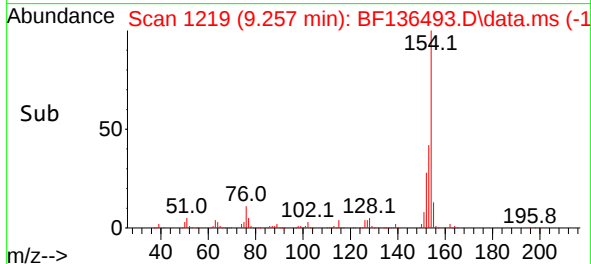
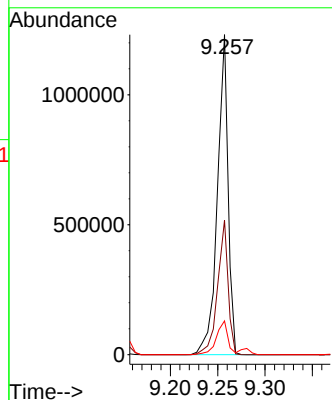
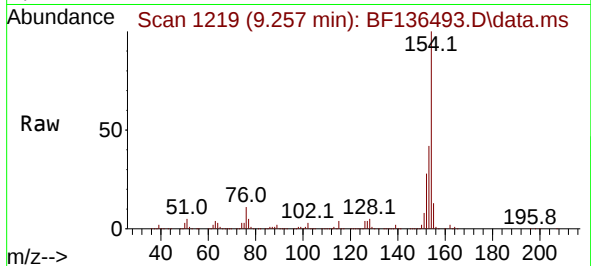




#46
1,1'-Biphenyl
Concen: 39.433 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

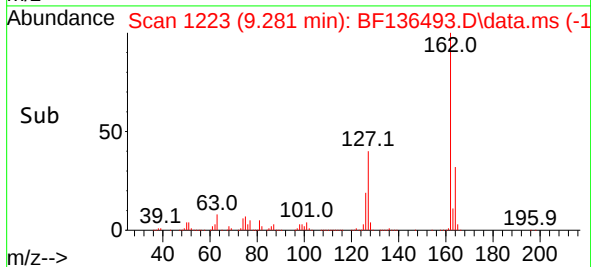
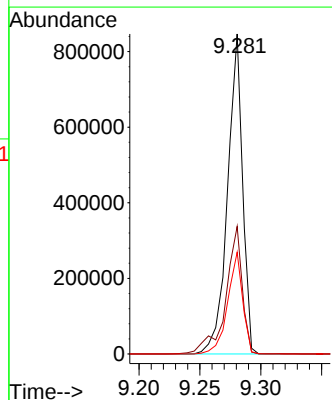
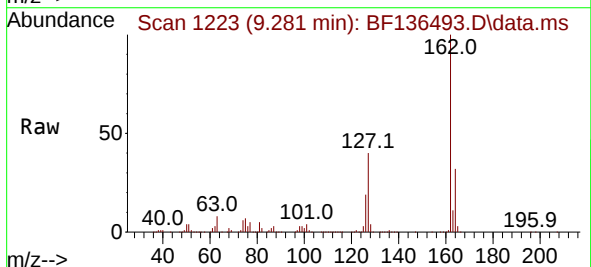
Instrument :
BNA_F
ClientSampleId :
PB157670BS

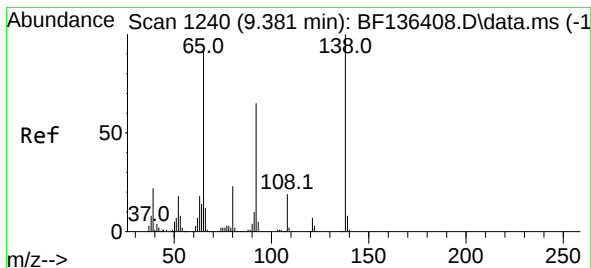
Tgt Ion:154 Resp: 963846
Ion Ratio Lower Upper
154 100
153 42.1 22.5 62.5
76 10.6 0.0 29.9



#47
2-Chloronaphthalene
Concen: 38.343 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:162 Resp: 729449
Ion Ratio Lower Upper
162 100
127 39.8 31.1 46.7
164 31.8 24.6 37.0





#48

2-Nitroaniline

Concen: 41.394 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS

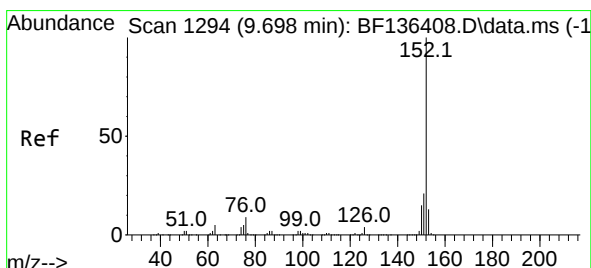
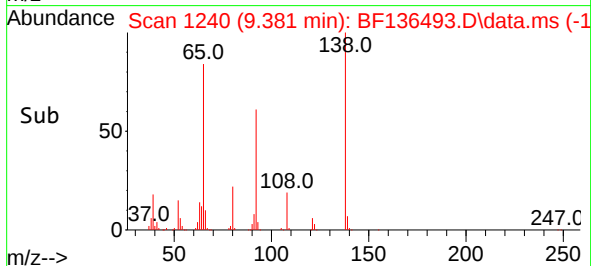
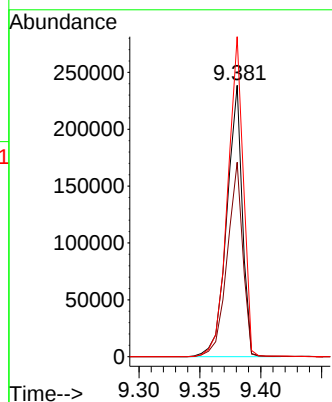
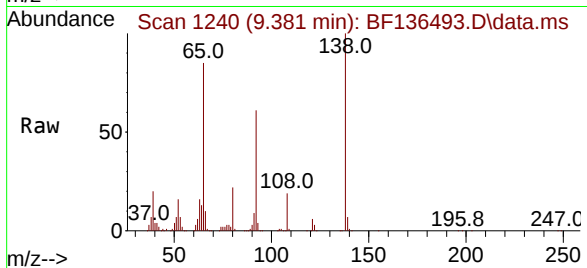
Tgt Ion: 65 Resp: 211207

Ion Ratio Lower Upper

65 100

92 71.6 56.1 84.1

138 117.9 86.7 130.1



#49

Acenaphthylene

Concen: 39.844 ng

RT: 9.698 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

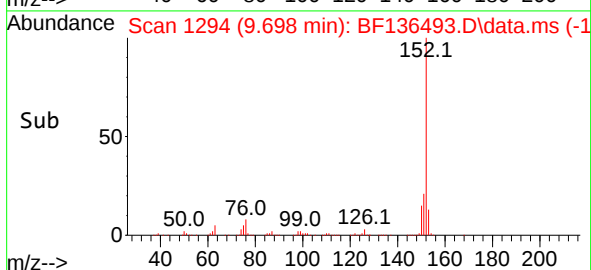
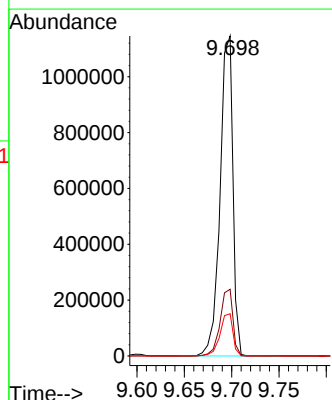
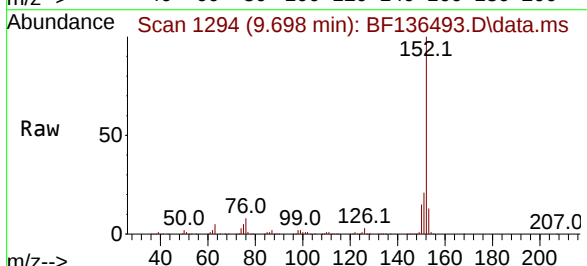
Tgt Ion: 152 Resp: 1079798

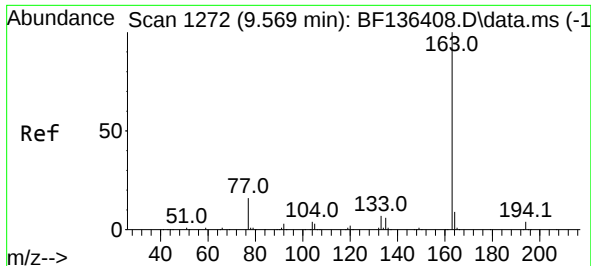
Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

153 13.2 10.6 15.8

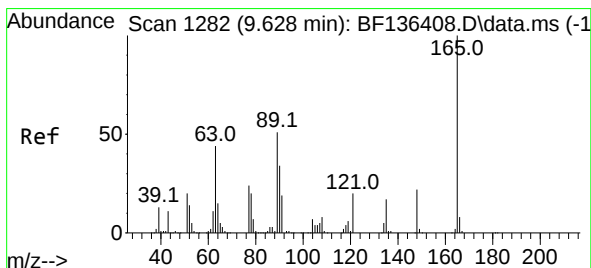
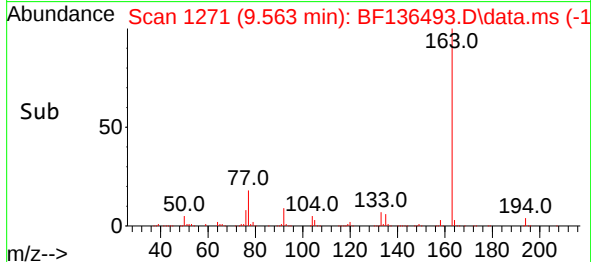
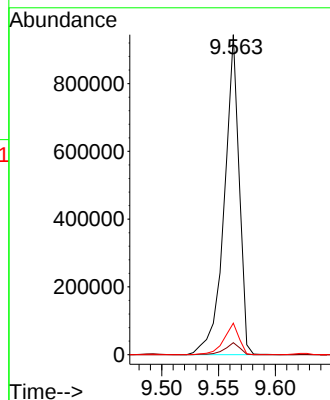
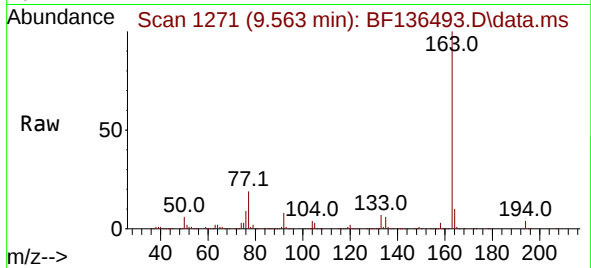




#50
Dimethylphthalate
Concen: 40.653 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

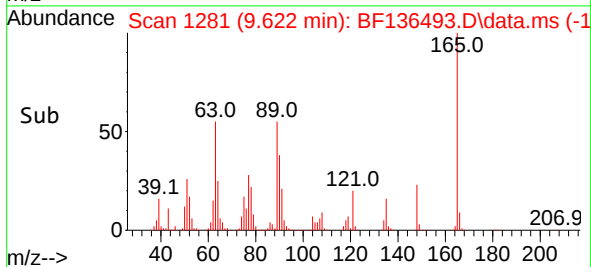
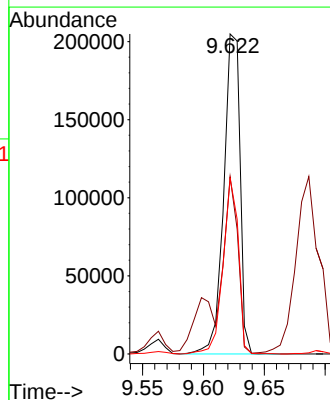
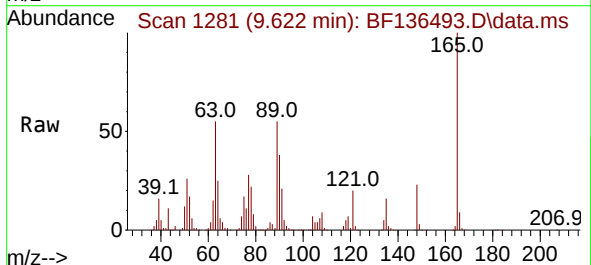
Instrument :
BNA_F
ClientSampleId :
PB157670BS

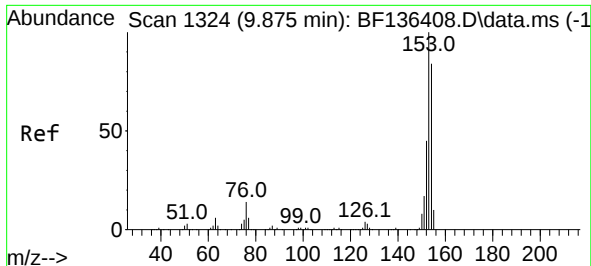
Tgt Ion:163 Resp: 859776
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.8 7.4 11.2



#51
2,6-Dinitrotoluene
Concen: 40.330 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:165 Resp: 191886
Ion Ratio Lower Upper
165 100
63 55.3 40.4 60.6
89 54.9 40.6 60.8

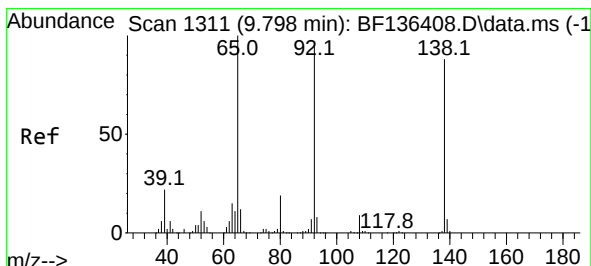
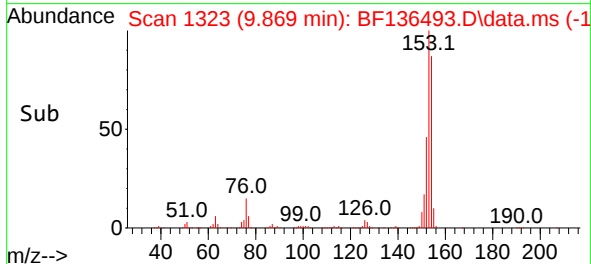
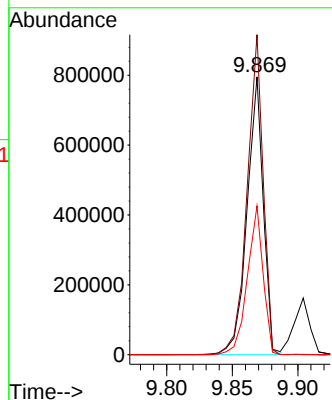
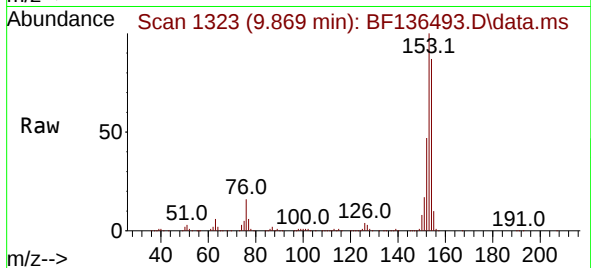




#52
Acenaphthene
Concen: 39.656 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

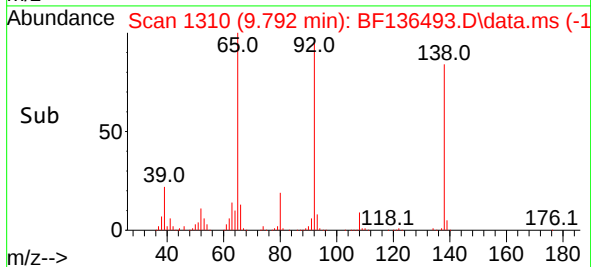
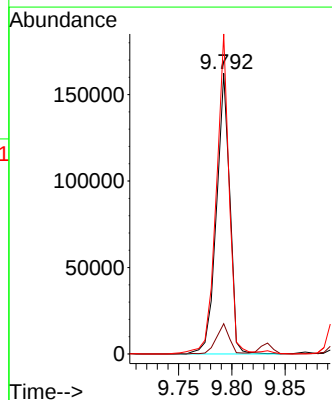
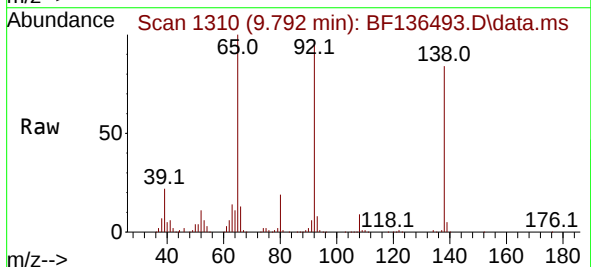
Instrument :
BNA_F
ClientSampleId :
PB157670BS

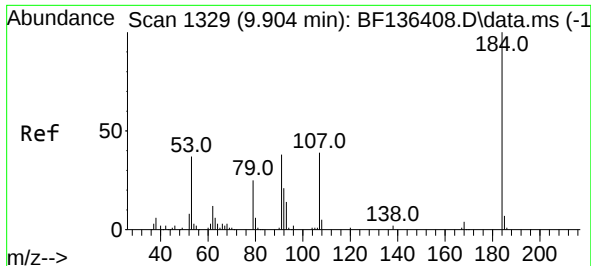
Tgt Ion:154 Resp: 688672
Ion Ratio Lower Upper
154 100
153 115.1 95.3 142.9
152 53.6 43.2 64.8



#53
3-Nitroaniline
Concen: 29.007 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:138 Resp: 140932
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 114.0 86.1 129.1

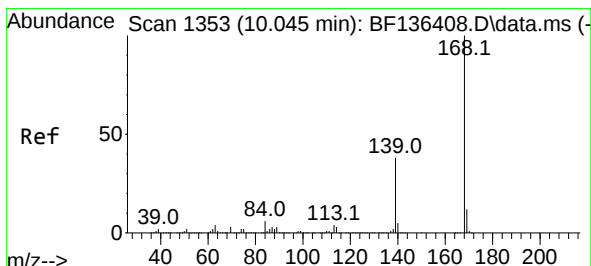
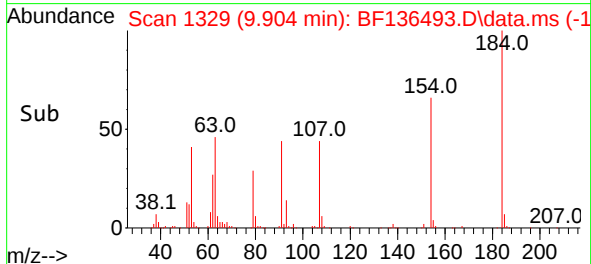
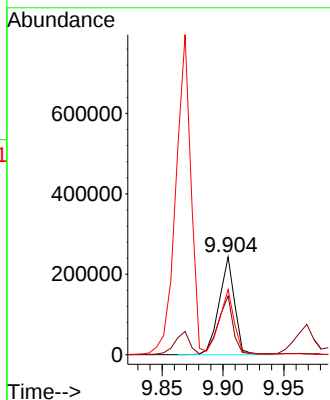
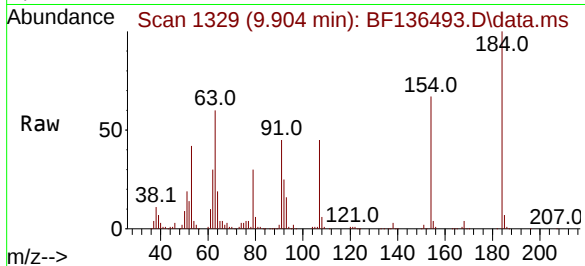




#54
2,4-Dinitrophenol
Concen: 90.464 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

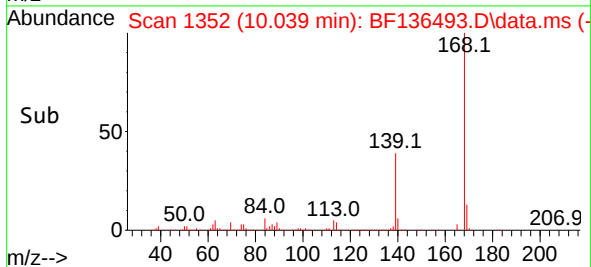
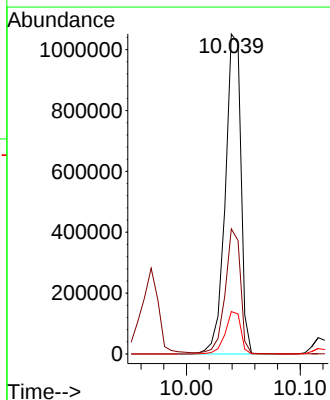
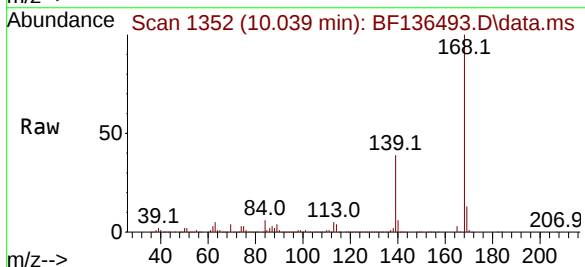
Instrument :
BNA_F
ClientSampleId :
PB157670BS

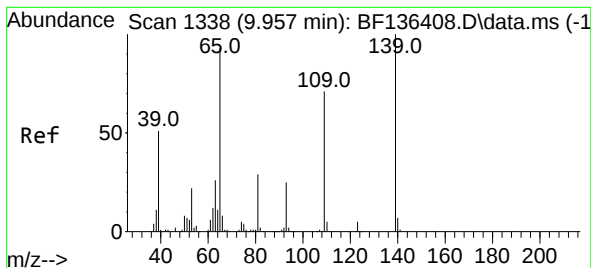
Tgt Ion:184 Resp: 217620
Ion Ratio Lower Upper
184 100
63 60.0 39.1 58.7#
154 66.6 49.9 74.9



#55
Dibenzofuran
Concen: 39.707 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:168 Resp: 1007357
Ion Ratio Lower Upper
168 100
139 39.1 30.4 45.6
169 13.2 9.9 14.9

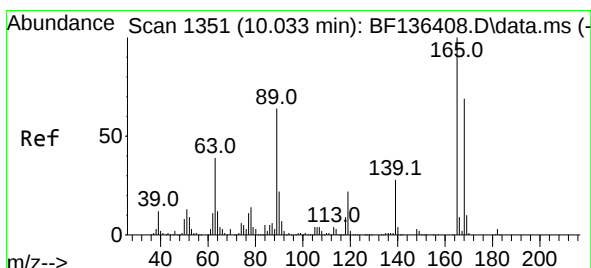
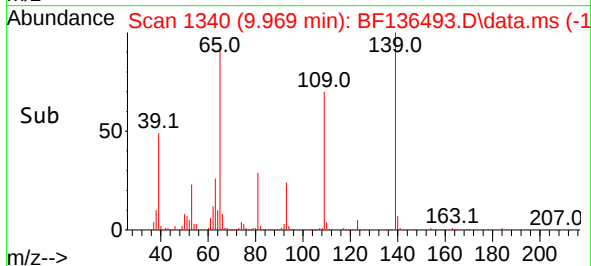
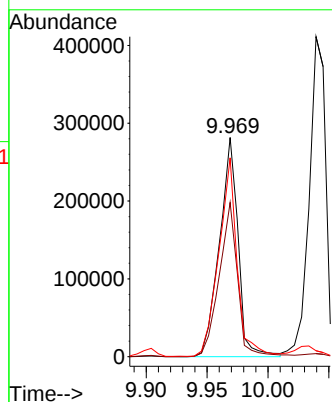
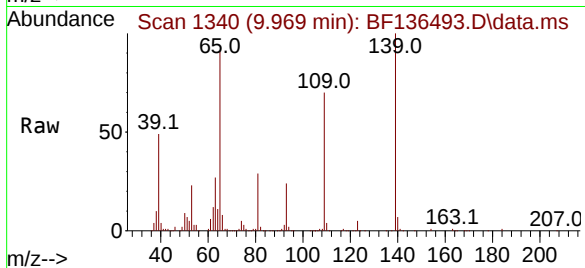




#56
4-Nitrophenol
Concen: 82.482 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

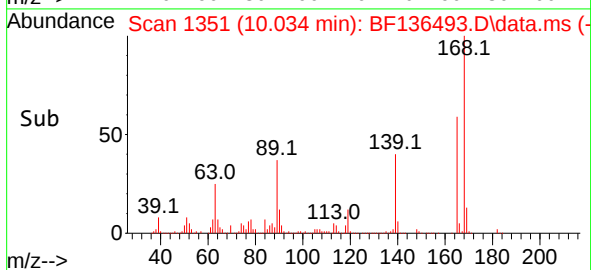
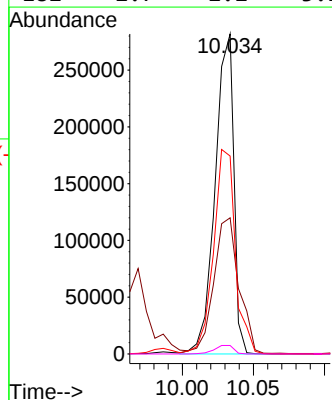
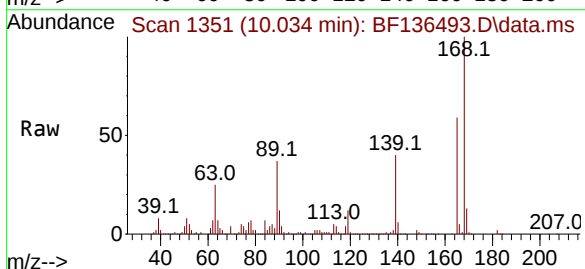
Instrument :
BNA_F
ClientSampleId :
PB157670BS

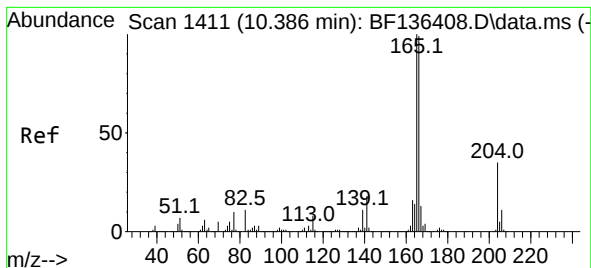
Tgt Ion:139 Resp: 300423
Ion Ratio Lower Upper
139 100
109 70.4 50.6 90.6
65 90.7 73.1 113.1



#57
2,4-Dinitrotoluene
Concen: 40.866 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:165 Resp: 257219
Ion Ratio Lower Upper
165 100
63 42.6 31.4 47.2
89 61.8 51.7 77.5
182 2.7 2.2 3.2





#58

Fluorene

Concen: 38.834 ng

RT: 10.386 min Scan# 1411

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS

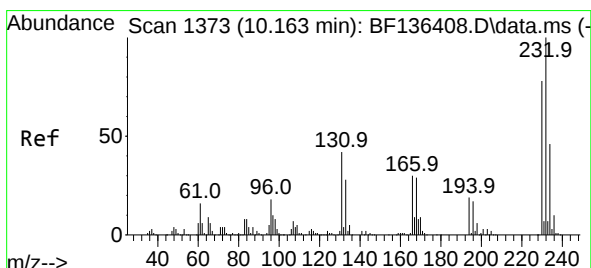
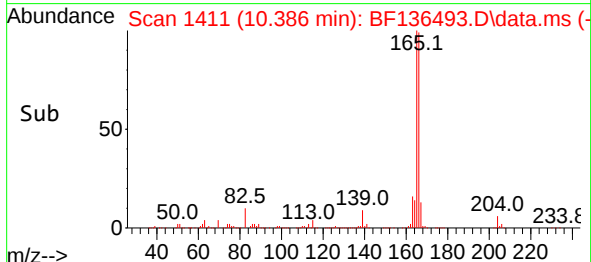
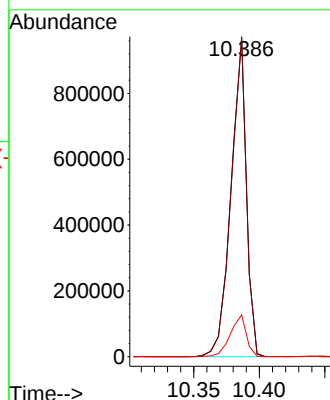
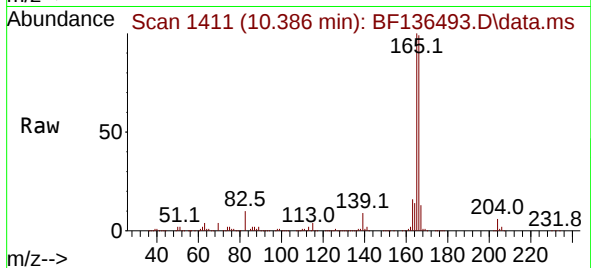
Tgt Ion:166 Resp: 790871

Ion Ratio Lower Upper

166 100

165 100.5 80.5 120.7

167 13.1 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 42.070 ng

RT: 10.163 min Scan# 1373

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Tgt Ion:232 Resp: 218864

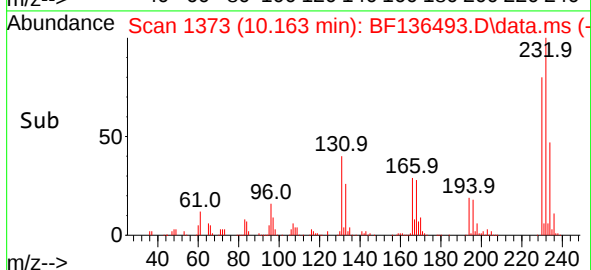
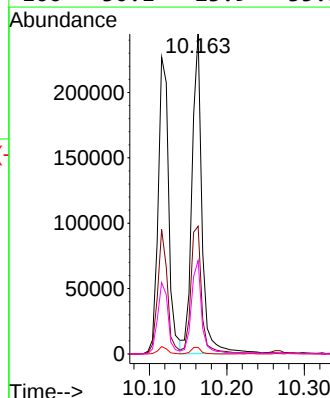
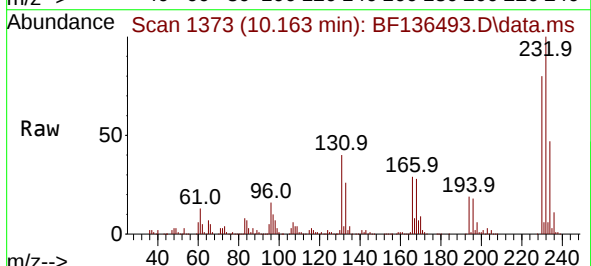
Ion Ratio Lower Upper

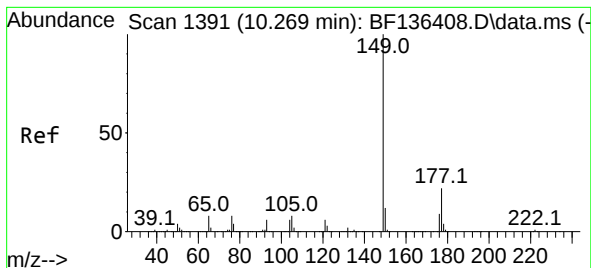
232 100

131 42.6 34.3 51.5

130 2.1 1.6 2.4

166 30.1 23.9 35.9





#60

Diethylphthalate

Concen: 39.755 ng

RT: 10.263 min Scan# 1391

Delta R.T. -0.006 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS

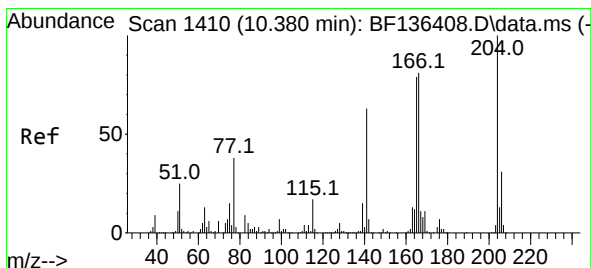
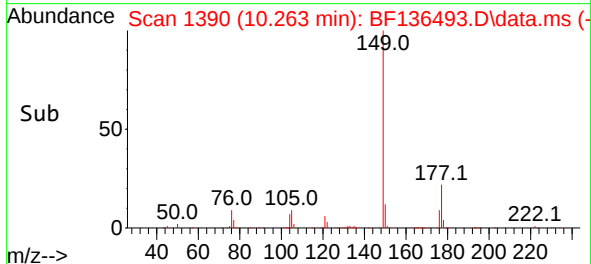
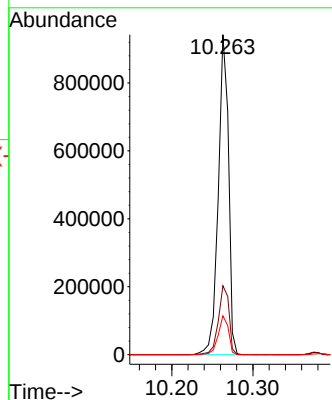
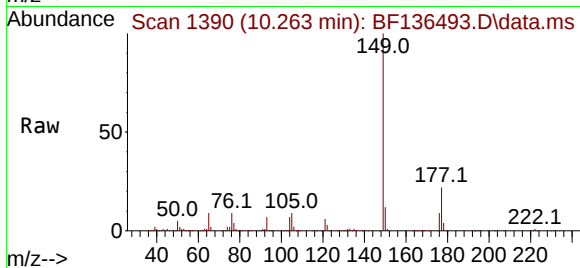
Tgt Ion:149 Resp: 826754

Ion Ratio Lower Upper

149 100

177 21.6 17.8 26.8

150 12.2 9.4 14.0



#61

4-Chlorophenyl-phenylether

Concen: 38.636 ng

RT: 10.381 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

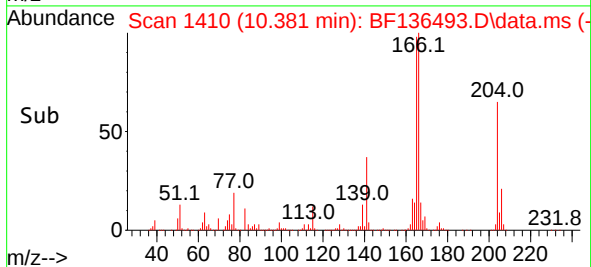
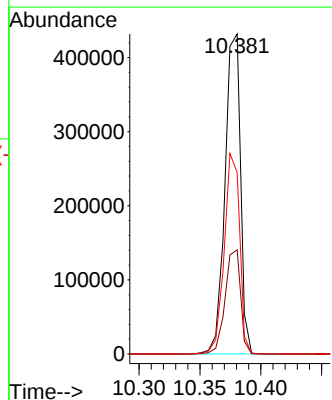
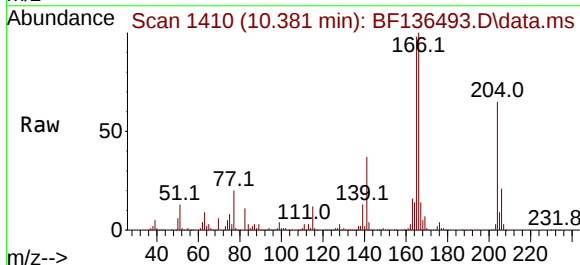
Tgt Ion:204 Resp: 383579

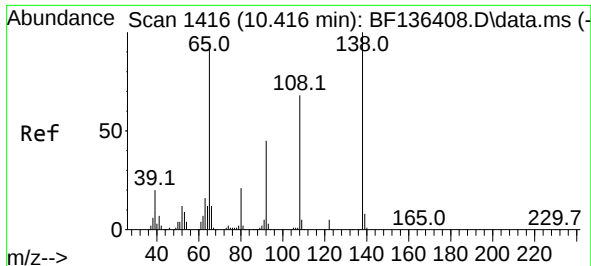
Ion Ratio Lower Upper

204 100

206 32.5 24.6 36.8

141 56.7 50.3 75.5

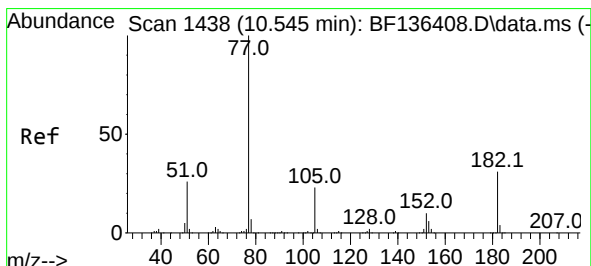
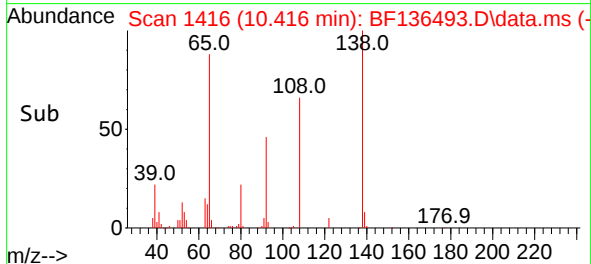
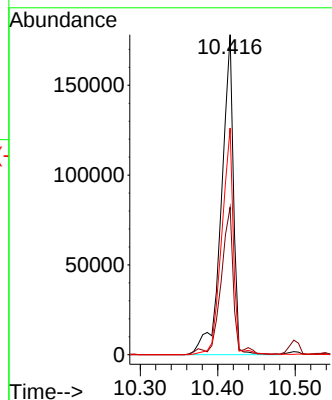
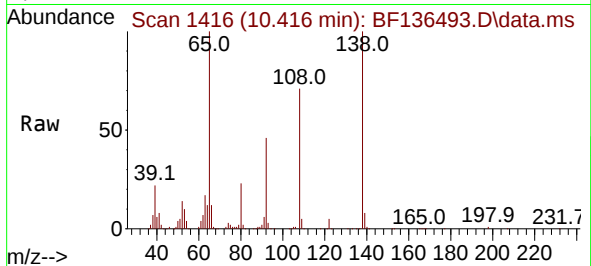




#62
4-Nitroaniline
Concen: 39.824 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

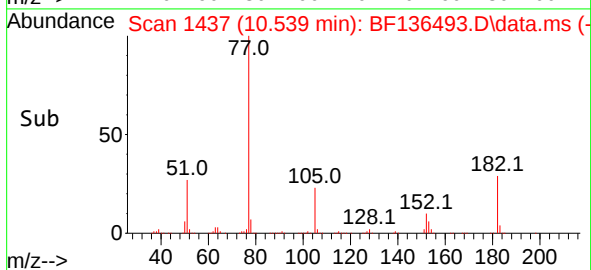
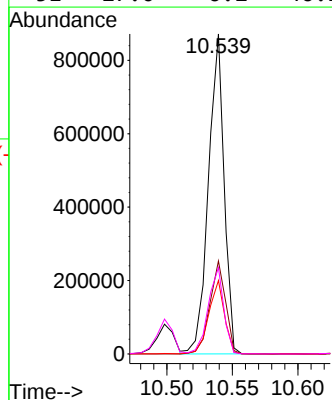
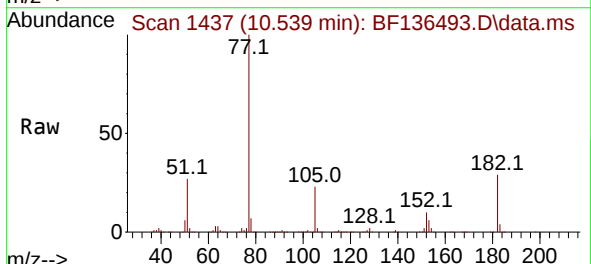
Instrument :
BNA_F
ClientSampleId :
PB157670BS

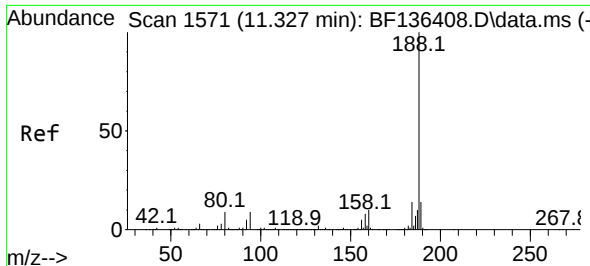
Tgt Ion:138 Resp: 192125
Ion Ratio Lower Upper
138 100
92 46.0 25.0 65.0
108 70.9 47.9 87.9



#63
Azobenzene
Concen: 38.342 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion: 77 Resp: 725785
Ion Ratio Lower Upper
77 100
182 29.1 10.8 50.8
105 22.9 2.6 42.6
51 27.0 6.2 46.2

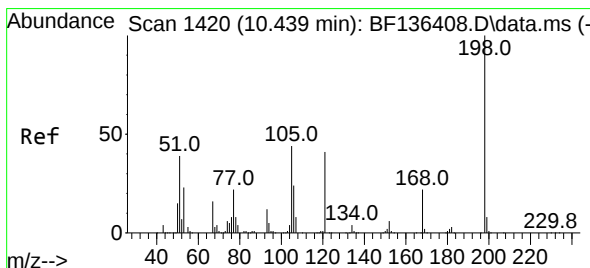
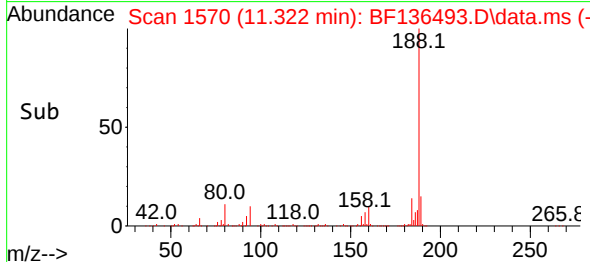
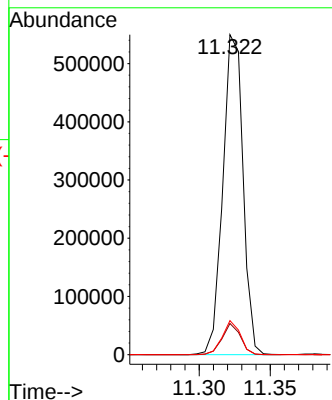
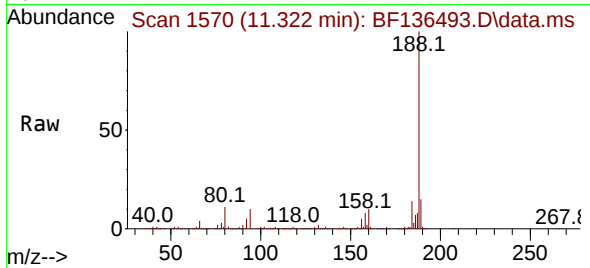




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

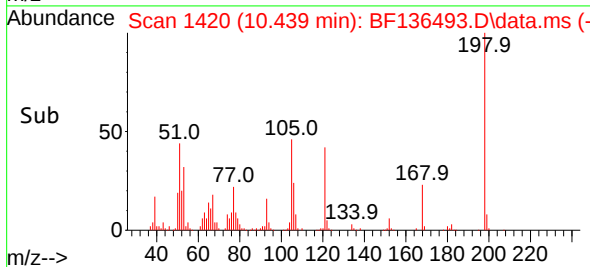
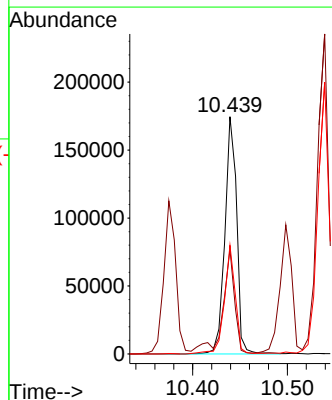
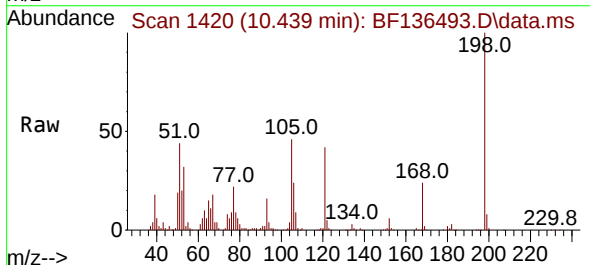
Instrument :
BNA_F
ClientSampleId :
PB157670BS

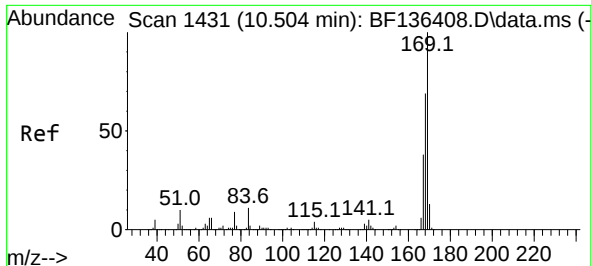
Tgt Ion:188 Resp: 542183
Ion Ratio Lower Upper
188 100
94 9.8 7.2 10.8
80 10.6 7.2 10.8



#65
4,6-Dinitro-2-methylphenol
Concen: 45.193 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:198 Resp: 151751
Ion Ratio Lower Upper
198 100
51 44.1 24.1 64.1
105 45.8 24.8 64.8

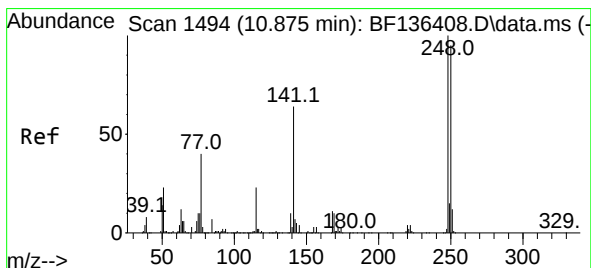
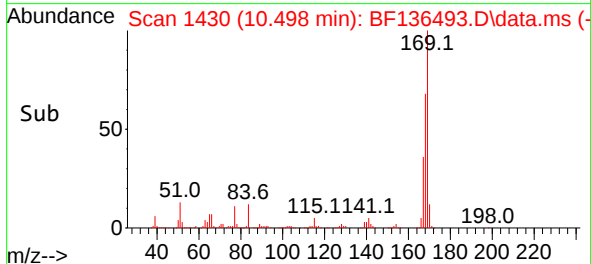
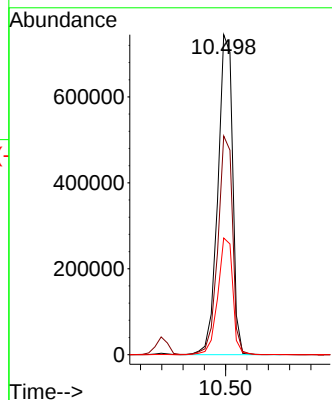
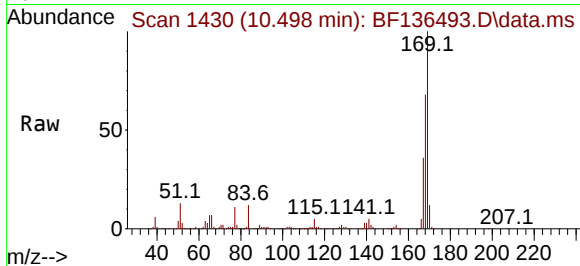




#66
n-Nitrosodiphenylamine
Concen: 41.138 ng
RT: 10.498 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

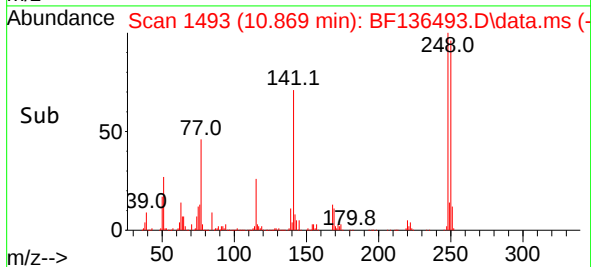
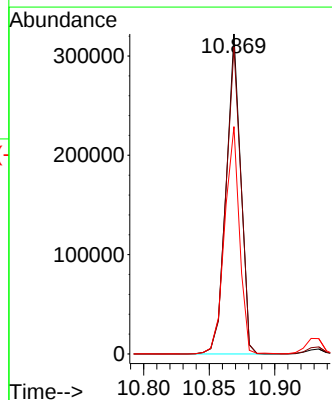
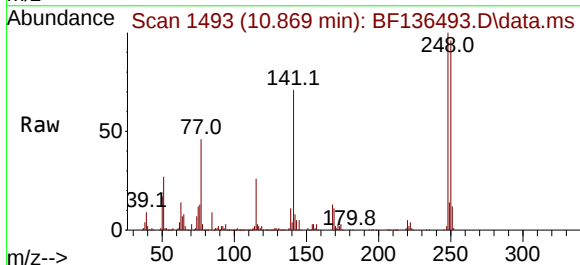
Instrument :
BNA_F
ClientSampleId :
PB157670BS

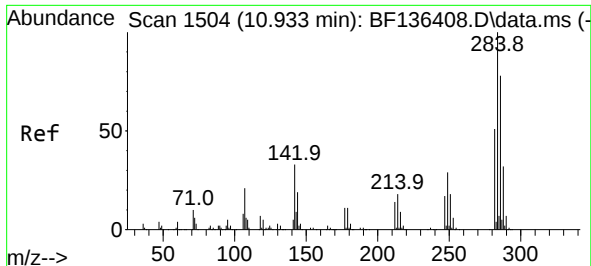
Tgt Ion:169 Resp: 715693
Ion Ratio Lower Upper
169 100
168 68.3 55.3 82.9
167 36.4 30.1 45.1



#67
4-Bromophenyl-phenylether
Concen: 39.460 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:248 Resp: 248748
Ion Ratio Lower Upper
248 100
250 95.9 76.2 114.2
141 71.0 51.0 76.4

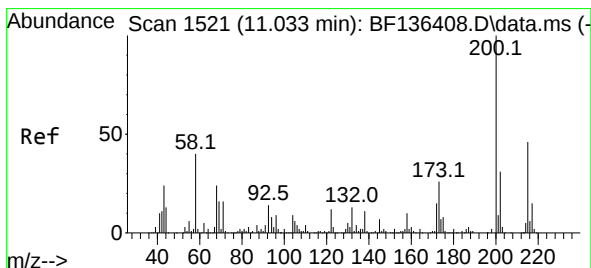
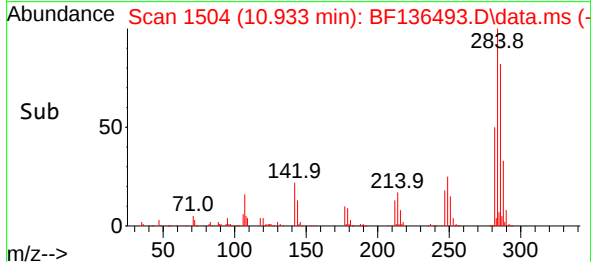
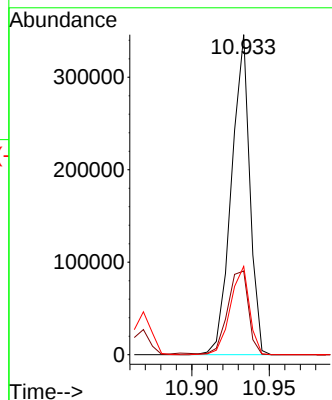
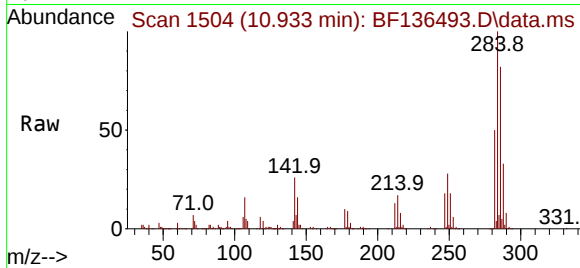




#68
Hexachlorobenzene
Concen: 39.079 ng
RT: 10.933 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

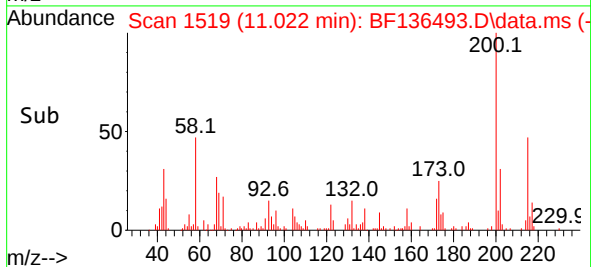
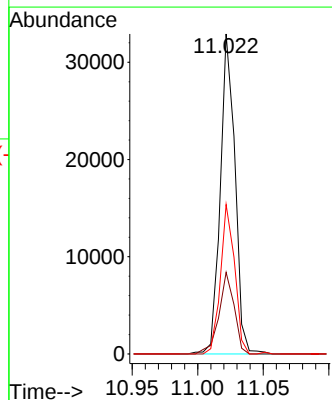
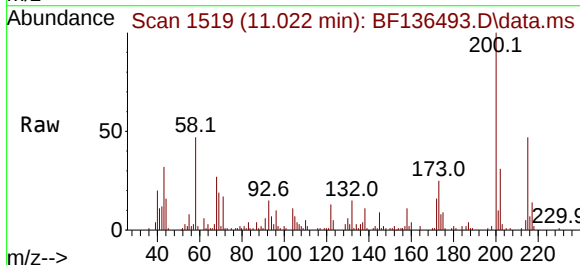
Instrument :
BNA_F
ClientSampleId :
PB157670BS

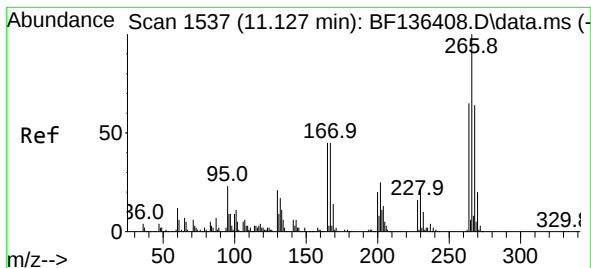
Tgt Ion:284 Resp: 284720
Ion Ratio Lower Upper
284 100
142 26.2 26.5 39.7#
249 27.6 23.4 35.0



#69
Atrazine
Concen: 5.148 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:200 Resp: 25563
Ion Ratio Lower Upper
200 100
173 25.5 6.0 46.0
215 46.7 25.5 65.5





#70

Pentachlorophenol

Concen: 70.404 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS

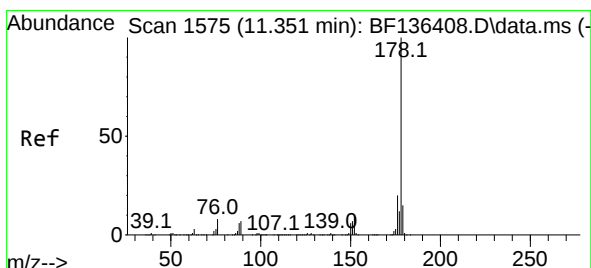
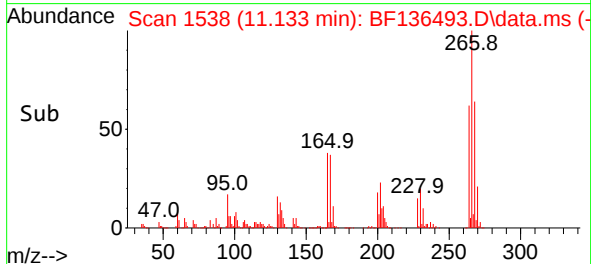
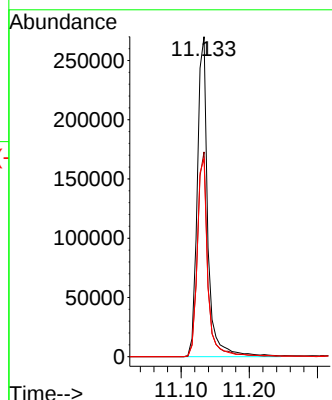
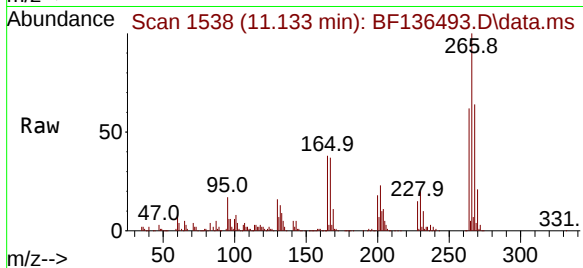
Tgt Ion:266 Resp: 289497

Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 61.8 52.2 78.4



#71

Phenanthrene

Concen: 40.631 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

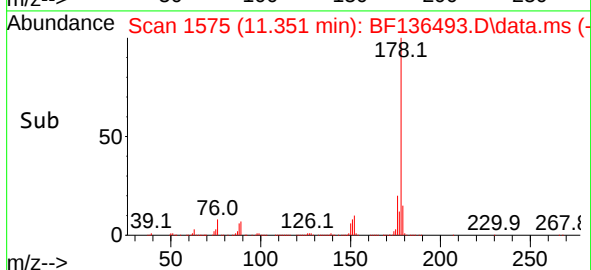
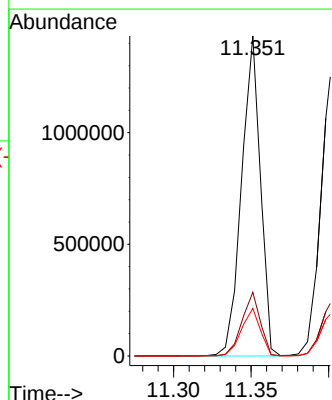
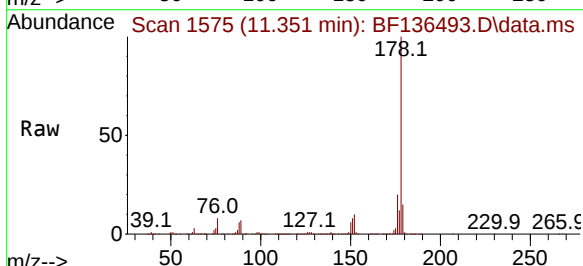
Tgt Ion:178 Resp: 1210837

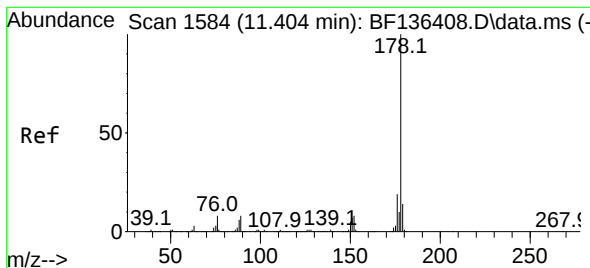
Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 14.9 11.8 17.6





#72

Anthracene

Concen: 39.889 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS

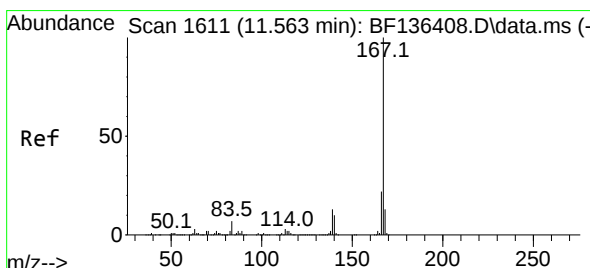
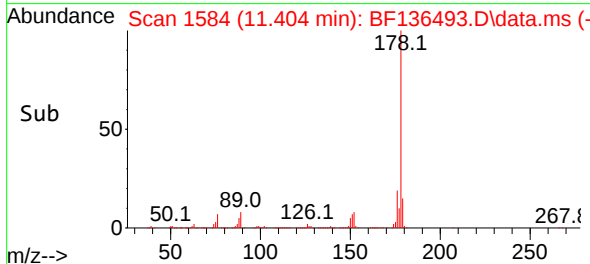
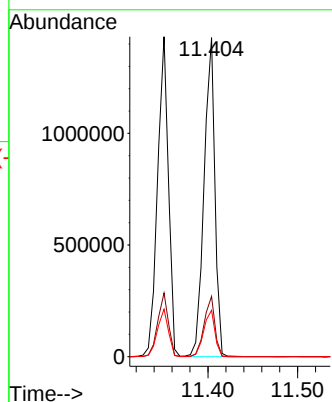
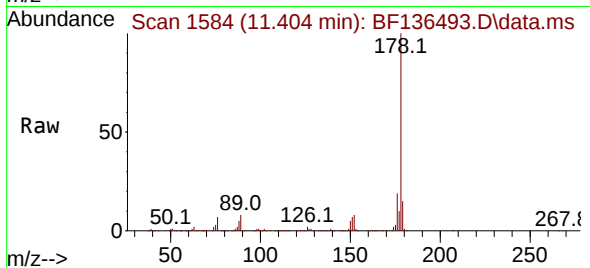
Tgt Ion:178 Resp: 1197296

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 14.5 11.4 17.0



#73

Carbazole

Concen: 39.759 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

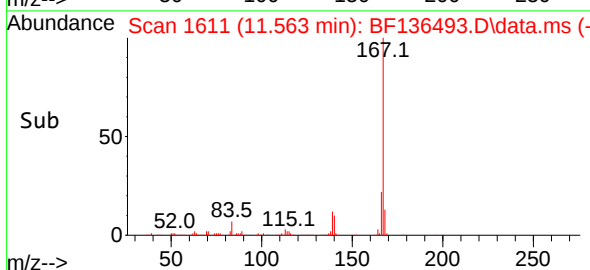
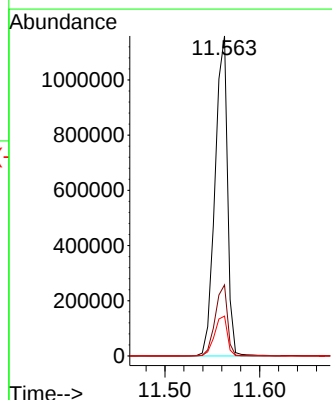
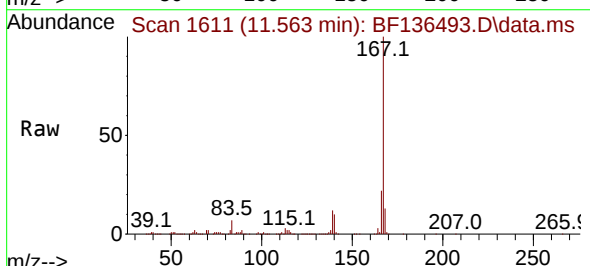
Tgt Ion:167 Resp: 1056256

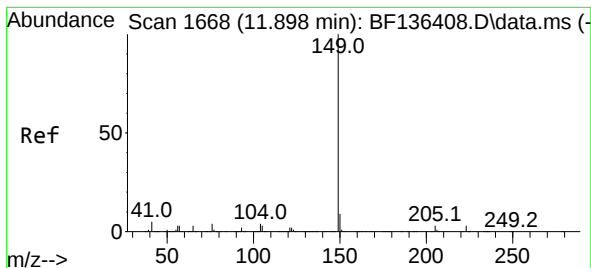
Ion Ratio Lower Upper

167 100

166 22.2 18.0 27.0

139 12.4 10.2 15.4





#74

Di-n-butylphthalate

Concen: 38.918 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS

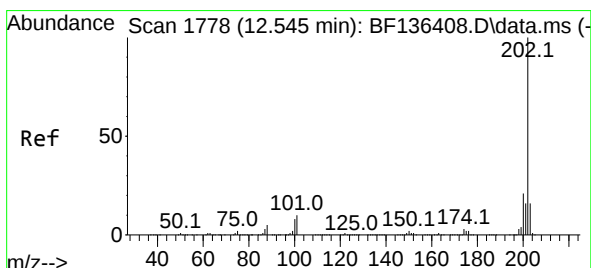
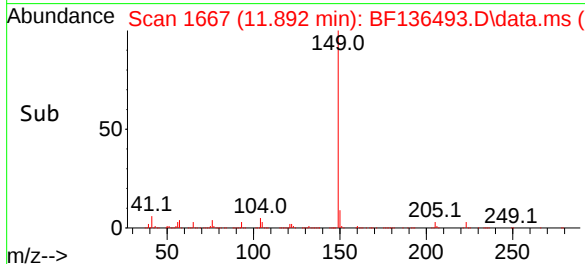
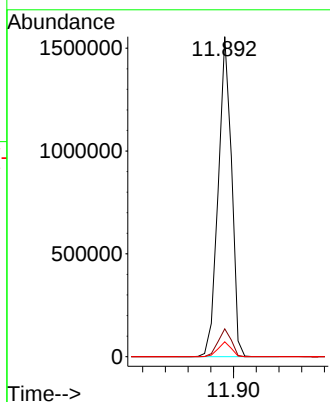
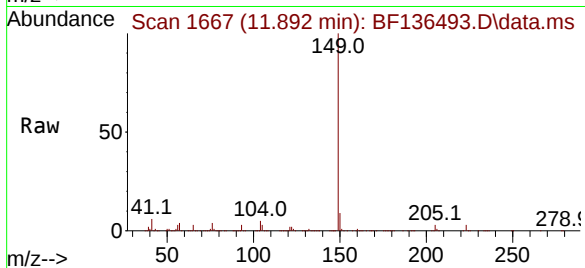
Tgt Ion:149 Resp: 1267484

Ion Ratio Lower Upper

149 100

150 8.7 6.9 10.3

104 4.7 3.5 5.3



#75

Fluoranthene

Concen: 38.219 ng

RT: 12.545 min Scan# 1778

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

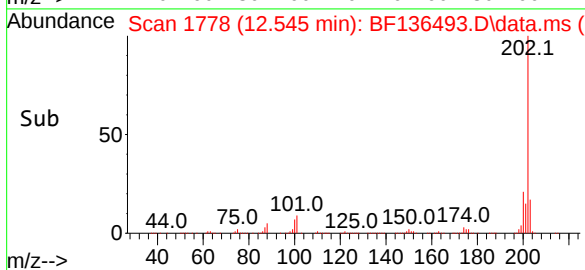
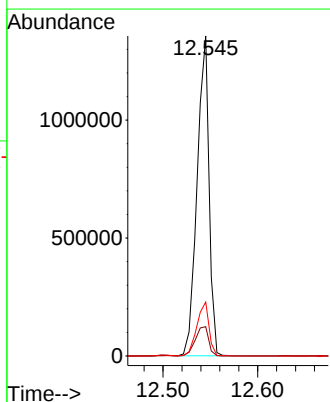
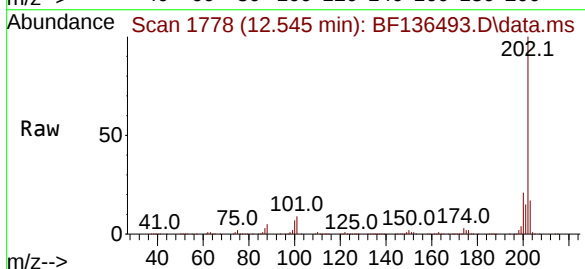
Tgt Ion:202 Resp: 1193552

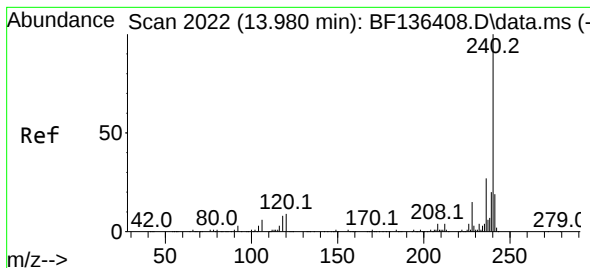
Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.9

203 16.8 0.0 36.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS

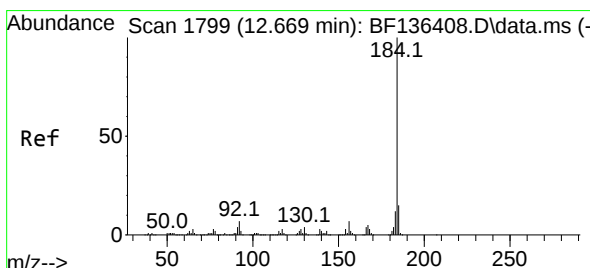
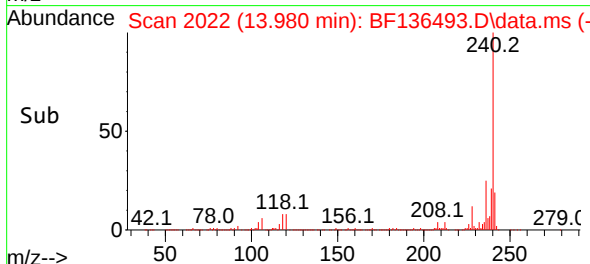
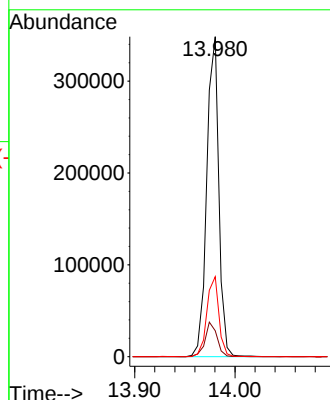
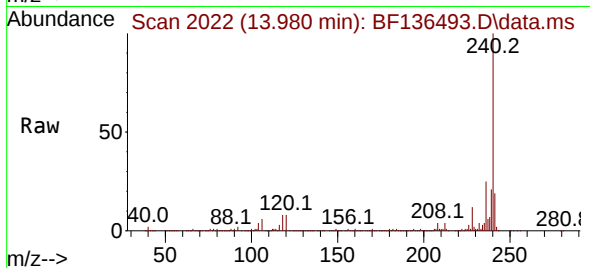
Tgt Ion:240 Resp: 291161

Ion Ratio Lower Upper

240 100

120 8.1 7.3 10.9

236 25.0 21.3 31.9



#77

Benzidine

Concen: 8.351 ng

RT: 12.669 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

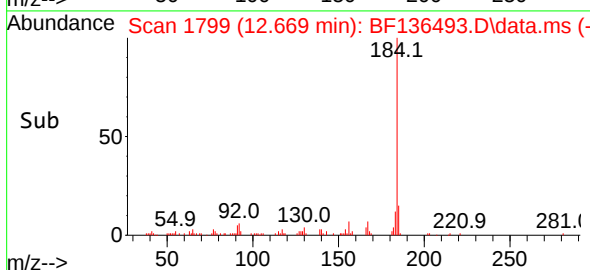
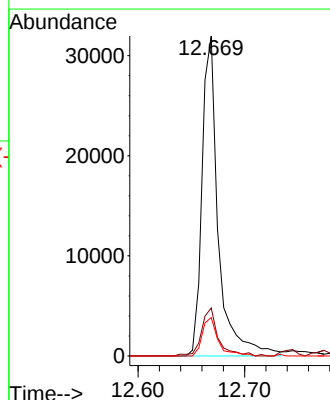
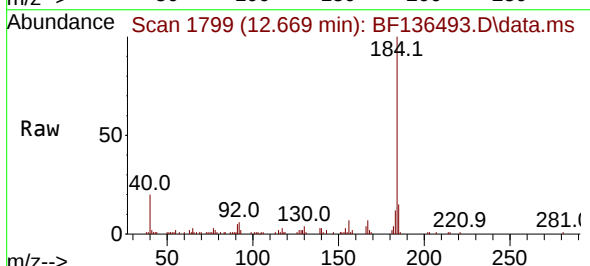
Tgt Ion:184 Resp: 34007

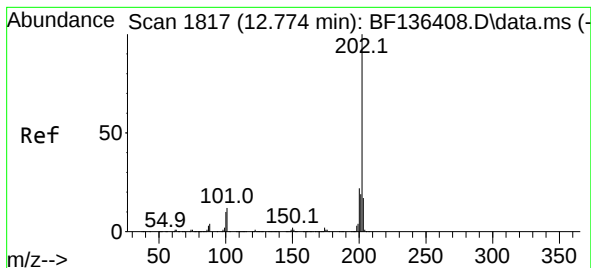
Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 12.0 9.4 14.0





#78

Pyrene

Concen: 41.732 ng

RT: 12.775 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS

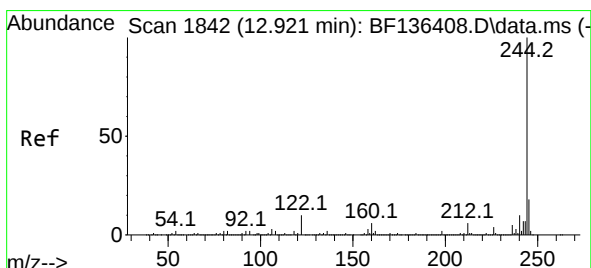
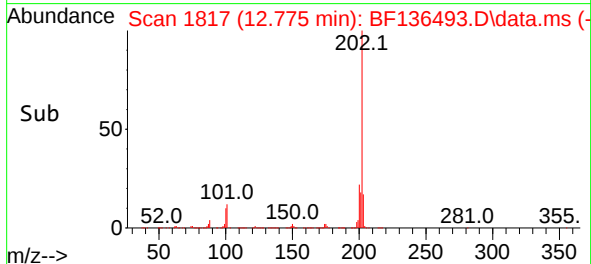
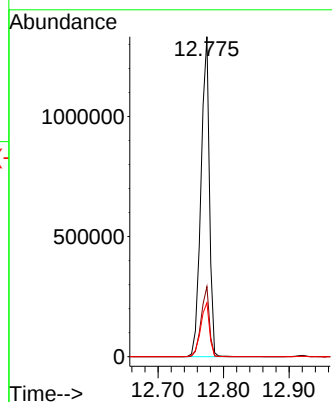
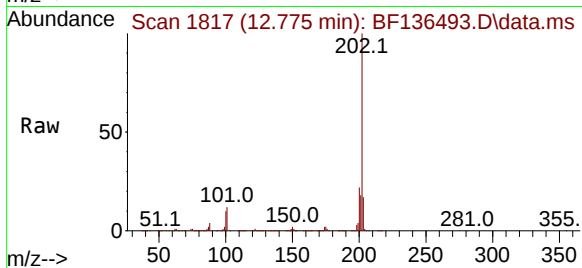
Tgt Ion:202 Resp: 1189983

Ion Ratio Lower Upper

202 100

200 21.9 18.0 27.0

203 16.9 13.5 20.3



#79

Terphenyl-d14

Concen: 77.075 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

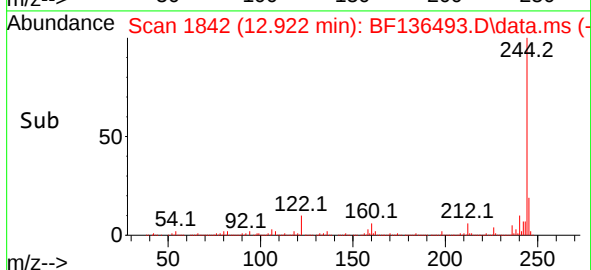
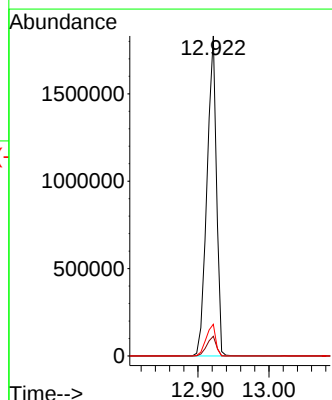
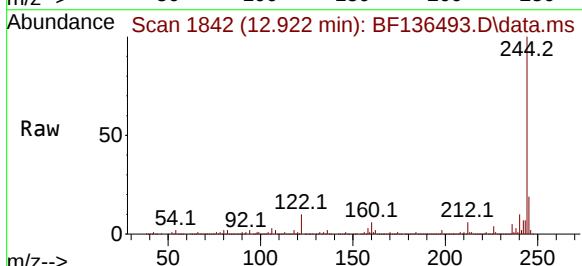
Tgt Ion:244 Resp: 1702611

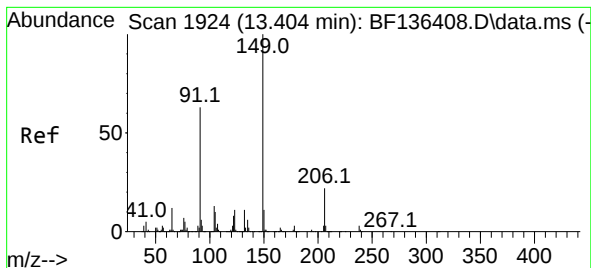
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 9.9 8.3 12.5





#80

Butylbenzylphthalate

Concen: 41.142 ng

RT: 13.398 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS

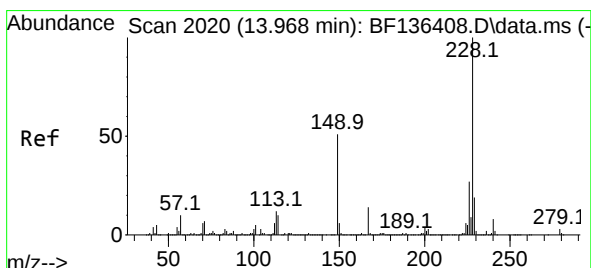
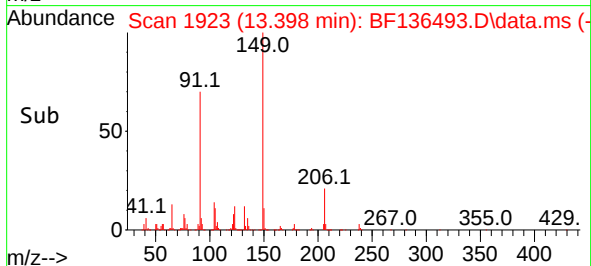
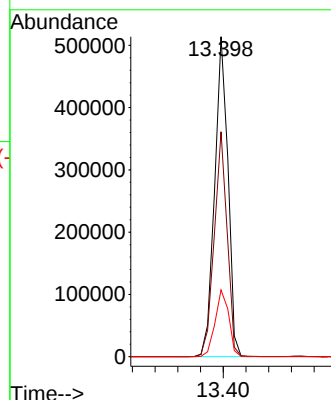
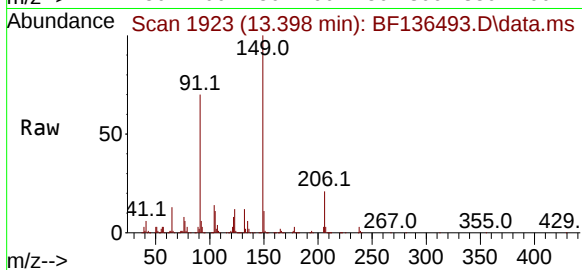
Tgt Ion:149 Resp: 417630

Ion Ratio Lower Upper

149 100

91 70.3 50.5 75.7

206 20.9 17.4 26.2



#81

Benzo(a)anthracene

Concen: 40.993 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

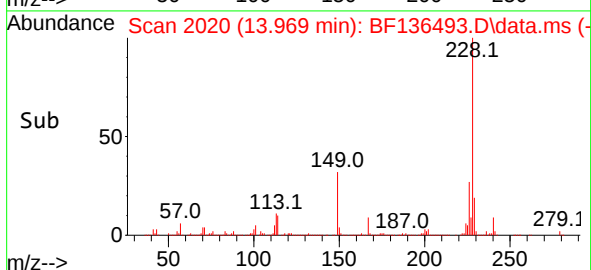
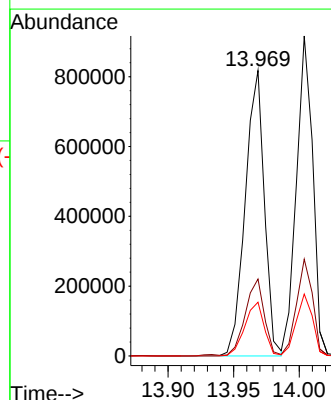
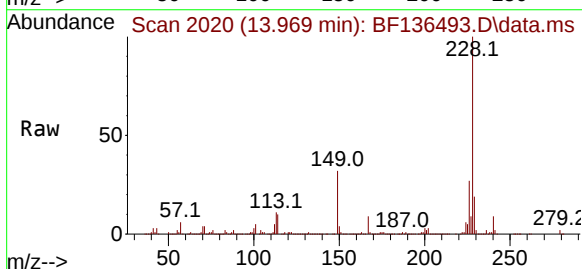
Tgt Ion:228 Resp: 831379

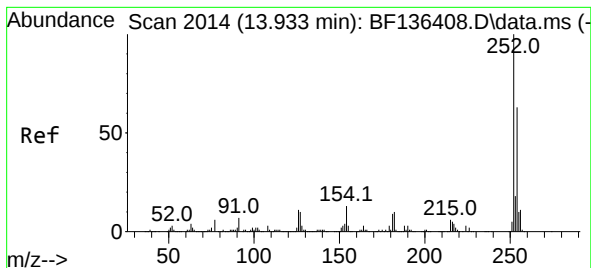
Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 18.8 15.0 22.4

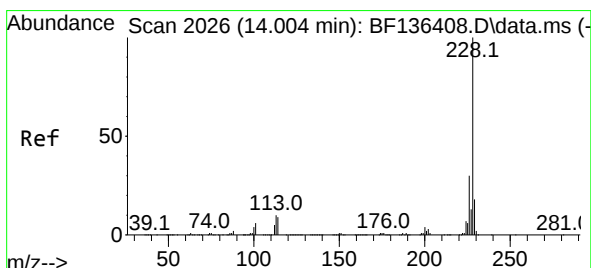
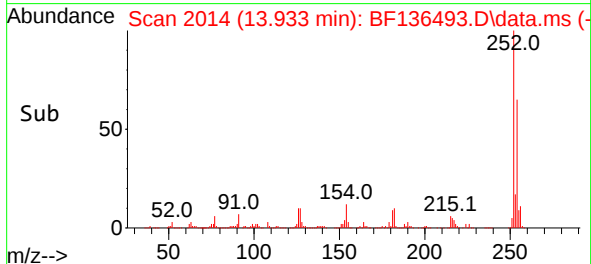
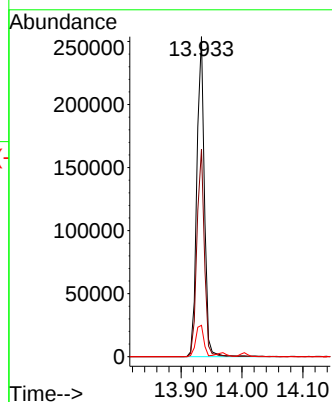
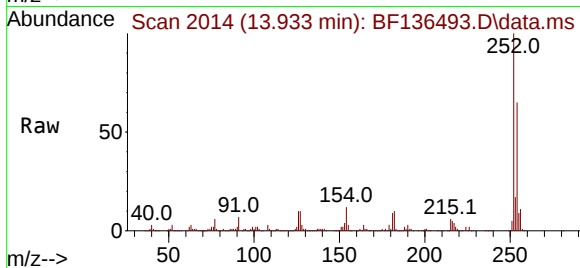




#82
3,3'-Dichlorobenzidine
Concen: 38.388 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

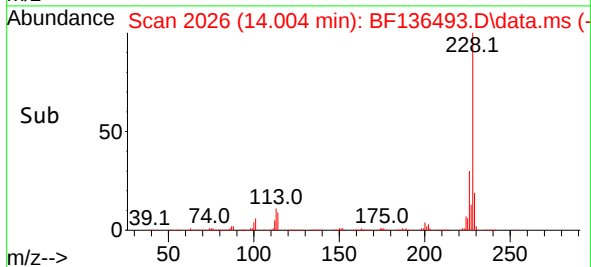
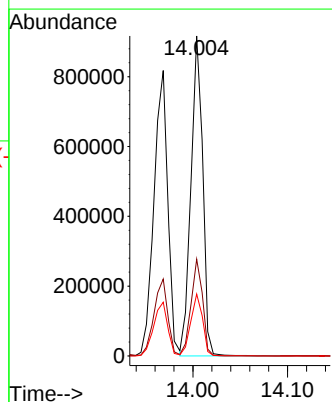
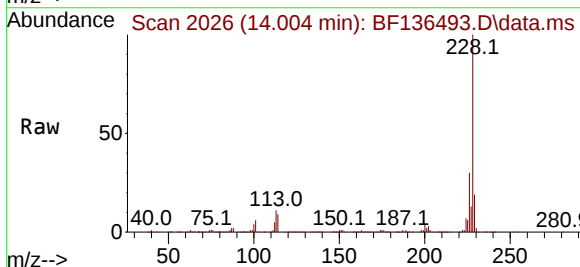
Instrument :
BNA_F
ClientSampleId :
PB157670BS

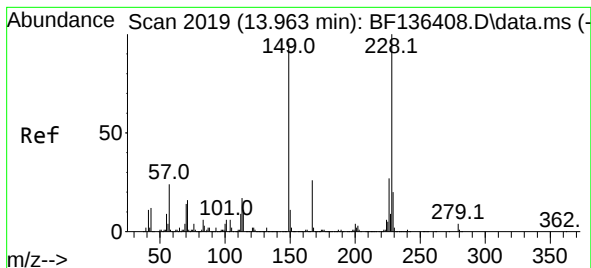
Tgt Ion:252 Resp: 218291
Ion Ratio Lower Upper
252 100
254 64.9 50.8 76.2
126 9.8 8.6 12.8



#83
Chrysene
Concen: 39.763 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:228 Resp: 793419
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 19.4 14.8 22.2

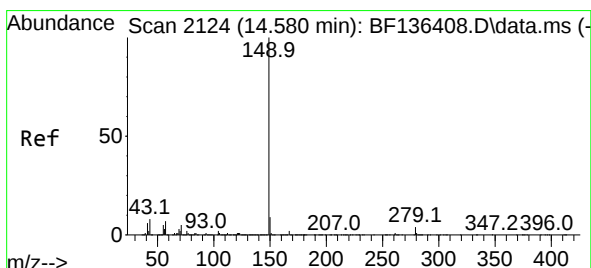
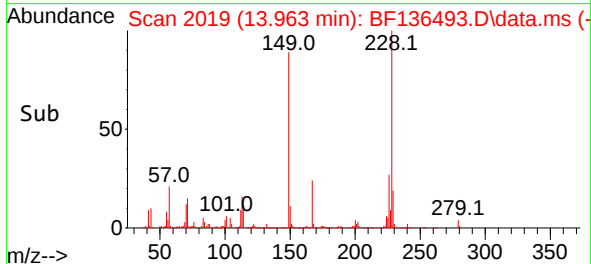
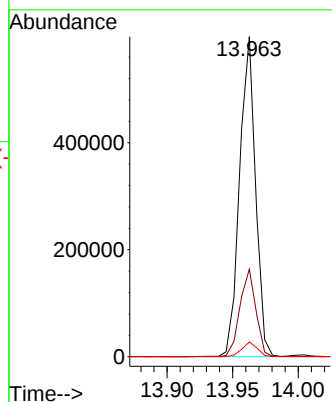
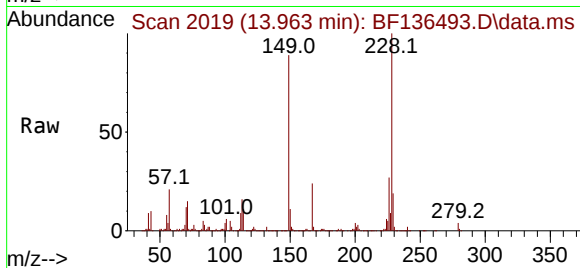




#84
Bis(2-ethylhexyl)phthalate
Concen: 40.849 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

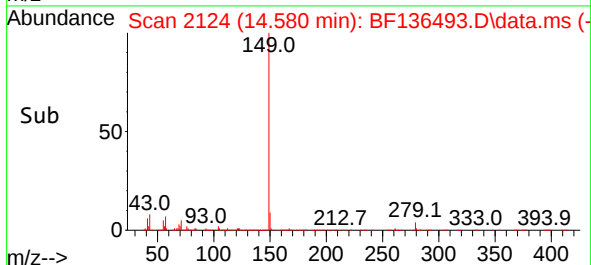
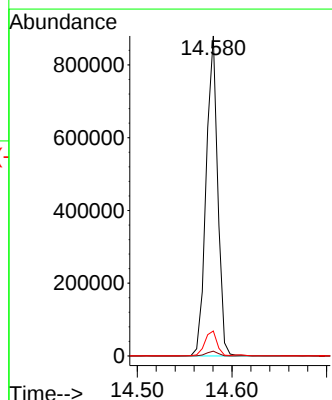
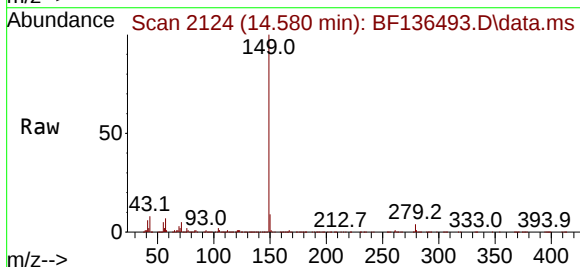
Instrument :
BNA_F
ClientSampleId :
PB157670BS

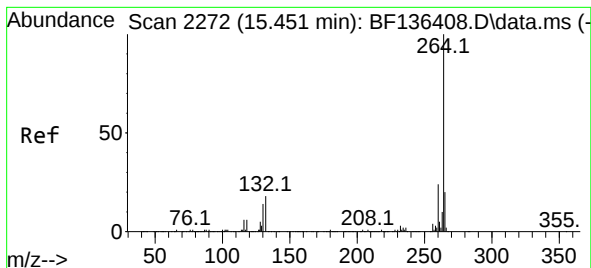
Tgt Ion:149 Resp: 508327
Ion Ratio Lower Upper
149 100
167 27.4 21.2 31.8
279 4.6 3.1 4.7



#85
Di-n-octyl phthalate
Concen: 40.582 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:149 Resp: 745947
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.2 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS

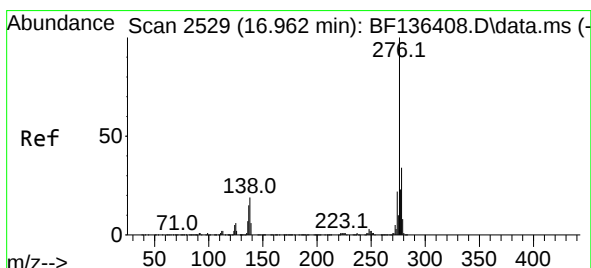
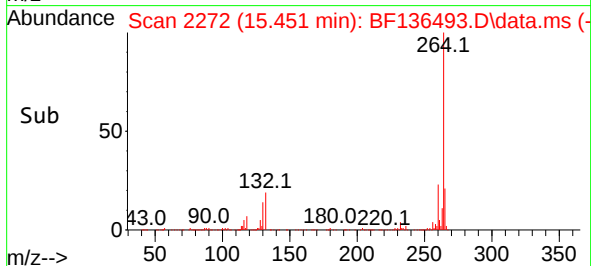
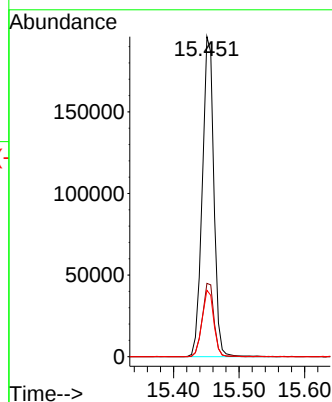
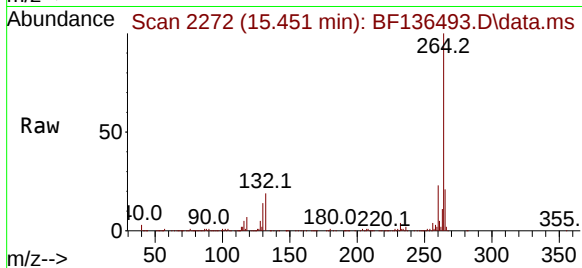
Tgt Ion:264 Resp: 240494

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.8 15.9 23.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 49.822 ng

RT: 16.962 min Scan# 2529

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

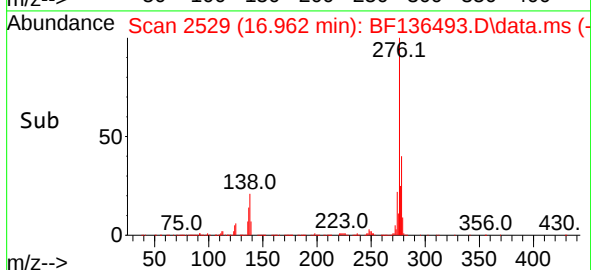
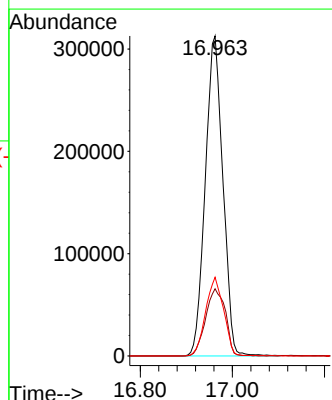
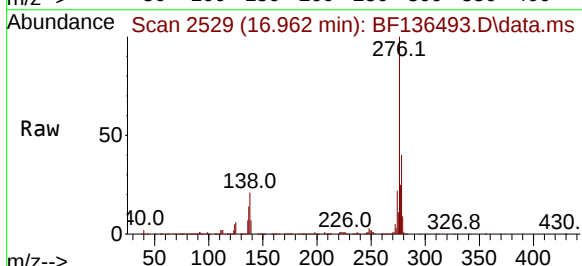
Tgt Ion:276 Resp: 832415

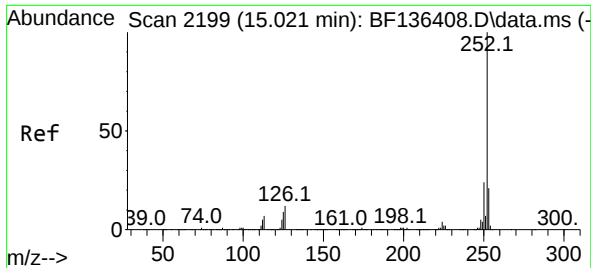
Ion Ratio Lower Upper

276 100

138 23.6 19.0 28.4

277 25.2 20.0 30.0

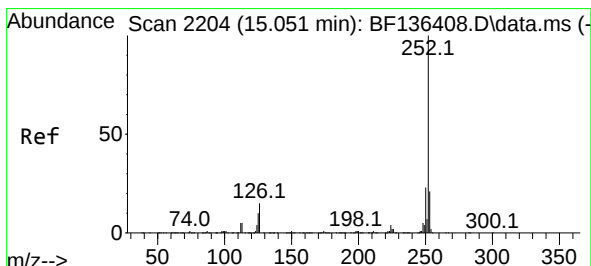
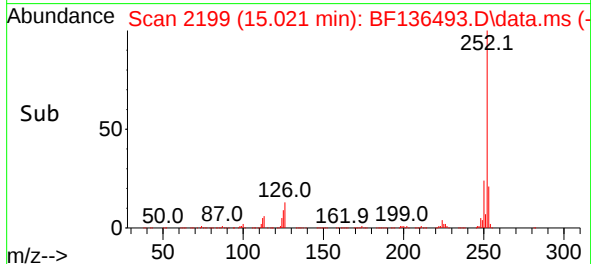
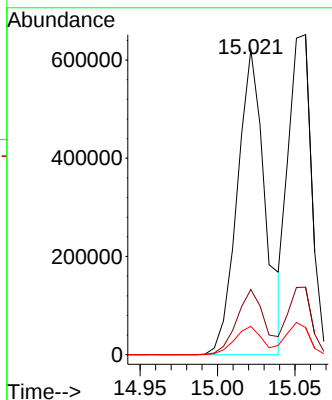
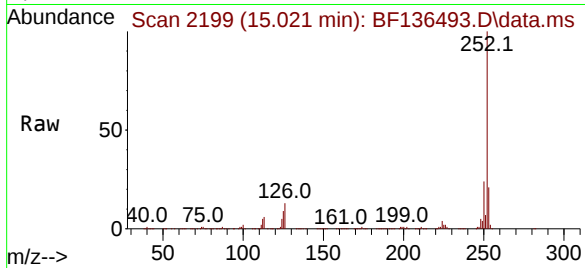




#88
Benzo(b)fluoranthene
Concen: 47.070 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

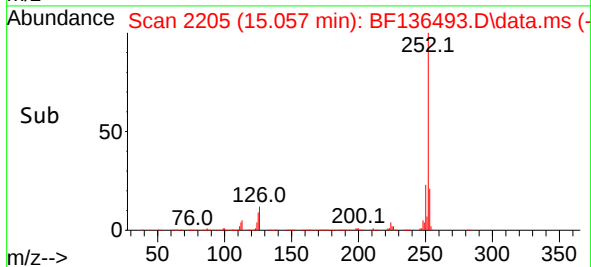
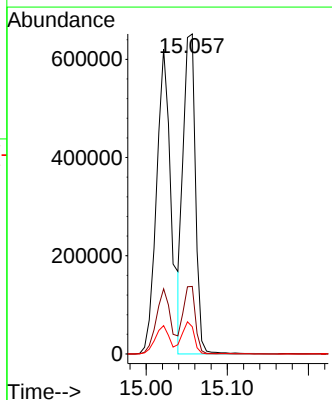
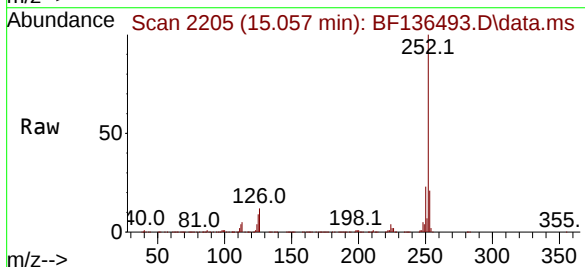
Instrument :
BNA_F
ClientSampleId :
PB157670BS

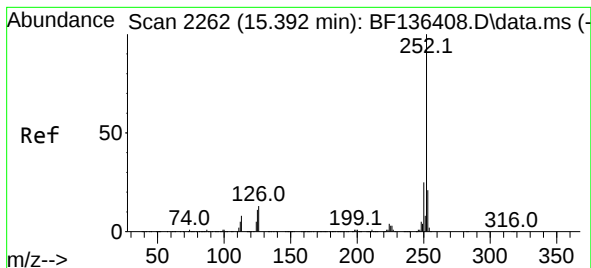
Tgt Ion:252 Resp: 773978
Ion Ratio Lower Upper
252 100
253 21.4 16.9 25.3
125 9.3 7.4 11.2



#89
Benzo(k)fluoranthene
Concen: 44.285 ng
RT: 15.057 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BF136493.D
Acq: 11 Dec 2023 16:35

Tgt Ion:252 Resp: 686246
Ion Ratio Lower Upper
252 100
253 21.1 16.9 25.3
125 8.5 7.5 11.3





#90

Benzo(a)pyrene

Concen: 46.544 ng

RT: 15.392 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

PB157670BS

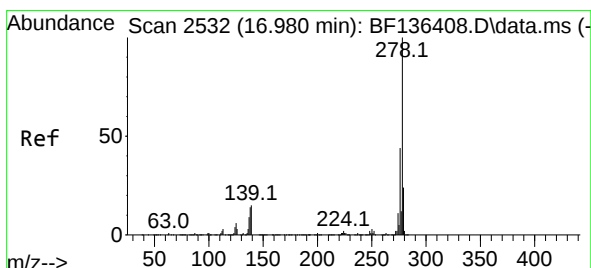
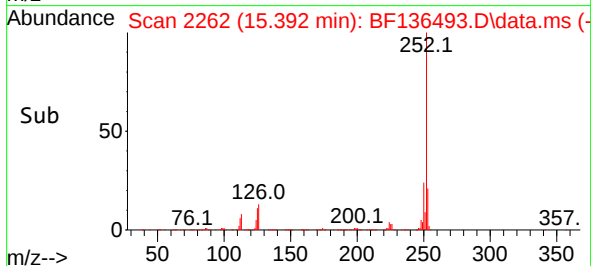
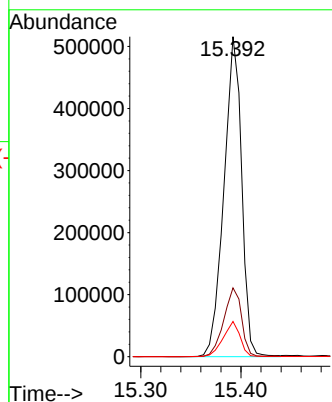
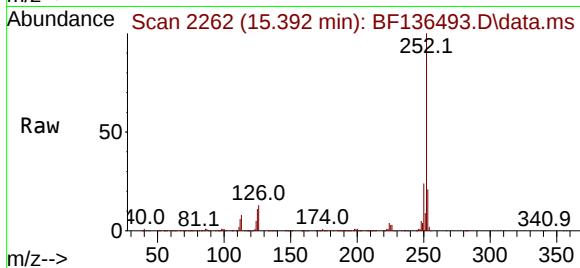
Tgt Ion:252 Resp: 632050

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

125 11.0 8.6 13.0



#91

Dibenzo(a,h)anthracene

Concen: 50.634 ng

RT: 16.980 min Scan# 2532

Delta R.T. 0.000 min

Lab File: BF136493.D

Acq: 11 Dec 2023 16:35

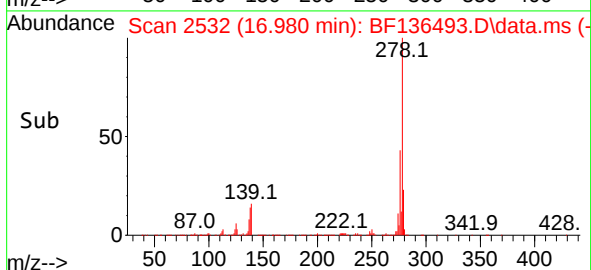
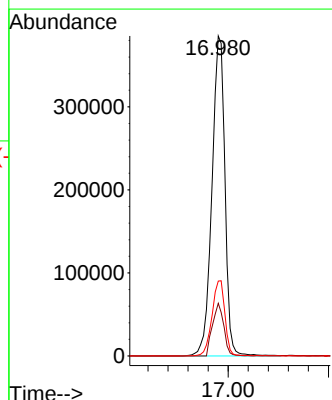
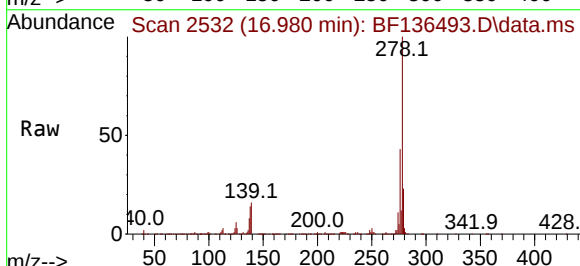
Tgt Ion:278 Resp: 693063

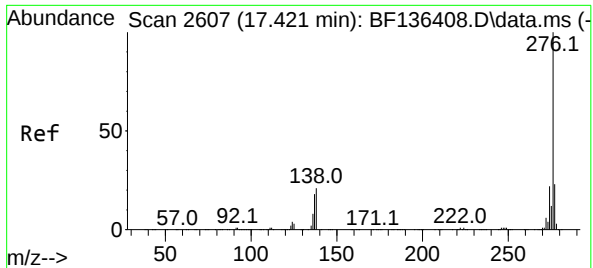
Ion Ratio Lower Upper

278 100

139 16.5 12.2 18.4

279 23.4 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 49.571 ng
 RT: 17.421 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF136493.D
 Acq: 11 Dec 2023 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB157670BS

Tgt Ion:276 Resp: 696424
 Ion Ratio Lower Upper
 276 100
 277 22.2 18.7 28.1
 138 20.5 16.6 25.0

