

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136466.D
 Acq On : 08 Dec 2023 14:29
 Operator : CG\JU
 Sample : PB157617BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157617BS

Quant Time: Dec 08 14:59:38 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	130837	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	560114	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	297754	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	541028	20.000	ng	0.00
76) Chrysene-d12	13.974	240	261881	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	238195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1022834	115.453	ng	0.02
7) Phenol-d6	6.451	99	1267247	114.648	ng	0.00
23) Nitrobenzene-d5	7.363	82	769663	74.285	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	410497	111.811	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1576843	72.261	ng	0.00
79) Terphenyl-d14	12.921	244	1623332	81.702	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	107998	30.820	ng	99
3) Pyridine	3.422	79	272708	32.136	ng	97
4) n-Nitrosodimethylamine	3.387	42	152431	41.345	ng	94
6) Aniline	6.463	93	324919	29.087	ng	# 1
8) 2-Chlorophenol	6.586	128	409437	42.333	ng	99
10) Phenol	6.463	94	470416	39.995	ng	86
11) bis(2-Chloroethyl)ether	6.539	93	361986	41.289	ng	99
12) 1,3-Dichlorobenzene	6.739	146	413116	37.981	ng	100
13) 1,4-Dichlorobenzene	6.816	146	425939	38.604	ng	100
14) 1,2-Dichlorobenzene	6.963	146	407596	39.284	ng	98
15) Benzyl Alcohol	6.945	79	320748	43.334	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	456858	40.517	ng	93
17) 2-Methylphenol	7.057	107	320104	40.966	ng	95
18) Hexachloroethane	7.304	117	150434	39.051	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	259807	40.746	ng	99
20) 3+4-Methylphenols	7.210	107	394922	40.719	ng	98
22) Acetophenone	7.204	105	550601	39.808	ng	# 98
24) Nitrobenzene	7.381	77	393366	37.741	ng	100
25) Isophorone	7.616	82	728762	39.150	ng	99
26) 2-Nitrophenol	7.692	139	213003	41.569	ng	99
27) 2,4-Dimethylphenol	7.739	122	331750	52.507	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	456299	39.893	ng	99
29) 2,4-Dichlorophenol	7.939	162	338928	40.640	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	373086	38.365	ng	98
31) Naphthalene	8.098	128	1181456	38.250	ng	100
32) Benzoic acid	7.880	122	250376	39.946	ng	96
33) 4-Chloroaniline	8.151	127	272512	24.747	ng	98
34) Hexachlorobutadiene	8.210	225	214232	37.172	ng	99
35) Caprolactam	8.527	113	58934	22.947	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	356304	40.238	ng	99
37) 2-Methylnaphthalene	8.792	142	764229	38.891	ng	95
38) 1-Methylnaphthalene	8.886	142	718852	37.280	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	363840	39.276	ng	99
41) Hexachlorocyclopentadiene	8.939	237	350697	102.187	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	240038	39.796	ng	99
44) 2,4,5-Trichlorophenol	9.122	196	261878	38.900	ng	94

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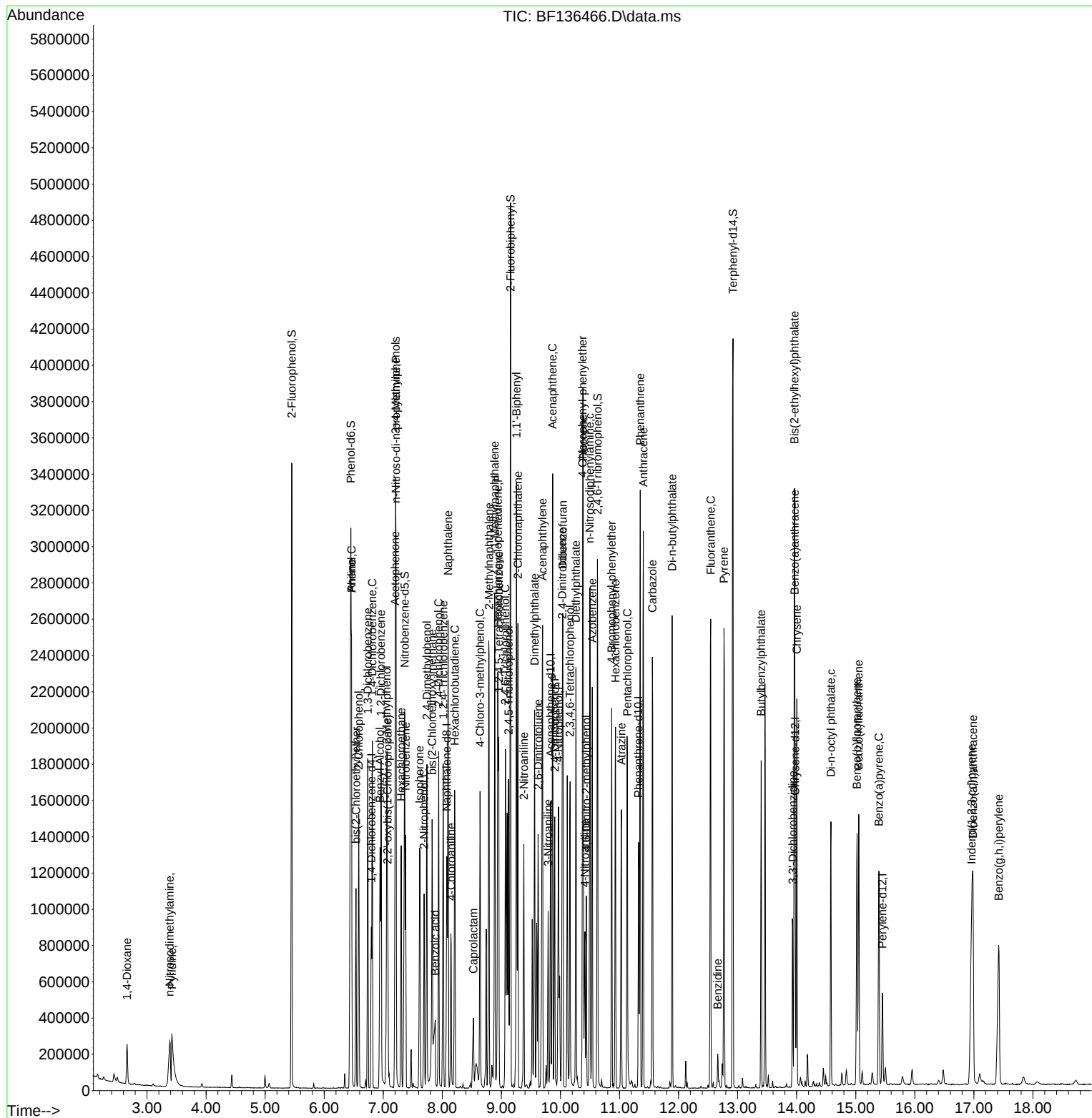
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.257	154	973563	38.426	ng	99
47) 2-Chloronaphthalene	9.280	162	737909	37.420	ng	99
48) 2-Nitroaniline	9.380	65	210274	39.758	ng	95
49) Acenaphthylene	9.698	152	1134335	40.381	ng	99
50) Dimethylphthalate	9.563	163	863451	39.388	ng	99
51) 2,6-Dinitrotoluene	9.622	165	193610	39.258	ng	93
52) Acenaphthene	9.869	154	696697	38.704	ng	99
53) 3-Nitroaniline	9.792	138	155375	30.852	ng	98
54) 2,4-Dinitrophenol	9.904	184	202434	81.185	ng	92
55) Dibenzofuran	10.039	168	1023536	38.922	ng	98
56) 4-Nitrophenol	9.969	139	291282	77.154	ng	98
57) 2,4-Dinitrotoluene	10.033	165	251694	38.579	ng	96
58) Fluorene	10.386	166	800512	37.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	224020	41.543	ng	99
60) Diethylphthalate	10.263	149	837404	38.847	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	395384	38.422	ng	99
62) 4-Nitroaniline	10.416	138	183774	36.750	ng	99
63) Azobenzene	10.539	77	747667	38.106	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	138631	41.374	ng	96
66) n-Nitrosodiphenylamine	10.498	169	721464	41.558	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	251136	39.924	ng	93
68) Hexachlorobenzene	10.933	284	288601	39.696	ng	# 92
69) Atrazine	11.033	200	207512	41.880	ng	99
70) Pentachlorophenol	11.133	266	261715	63.784	ng	98
71) Phenanthrene	11.351	178	1199827	40.348	ng	100
72) Anthracene	11.404	178	1208134	40.336	ng	99
73) Carbazole	11.557	167	1017014	38.364	ng	100
74) Di-n-butylphthalate	11.892	149	1272236	39.148	ng	99
75) Fluoranthene	12.545	202	1133467	36.372	ng	100
77) Benzidine	12.663	184	78250	19.320	ng	98
78) Pyrene	12.768	202	1121274	43.718	ng	99
80) Butylbenzylphthalate	13.398	149	390181	42.736	ng	95
81) Benzo(a)anthracene	13.968	228	754674	41.371	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	207652	40.600	ng	99
83) Chrysene	14.004	228	703084	39.175	ng	100
84) Bis(2-ethylhexyl)phtha...	13.962	149	477577	42.669	ng	99
85) Di-n-octyl phthalate	14.580	149	716912	43.363	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	853953	51.605	ng	100
88) Benzo(b)fluoranthene	15.021	252	665732	40.878	ng	99
89) Benzo(k)fluoranthene	15.051	252	648391	42.246	ng	100
90) Benzo(a)pyrene	15.392	252	593646	44.138	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	716449	52.848	ng	99
92) Benzo(g,h,i)perylene	17.421	276	707815	50.868	ng	99

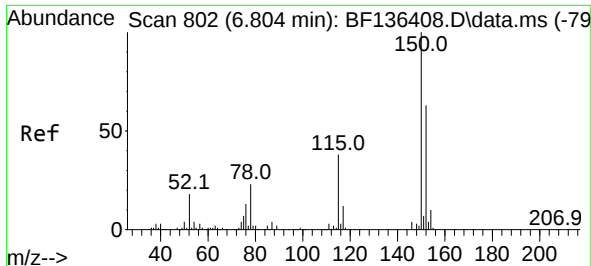
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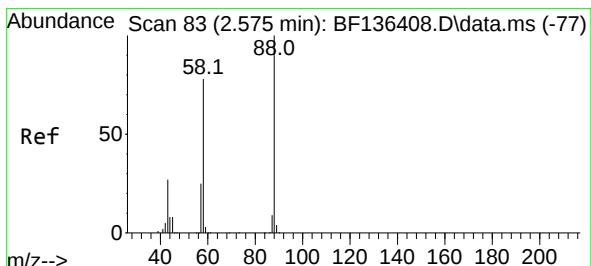
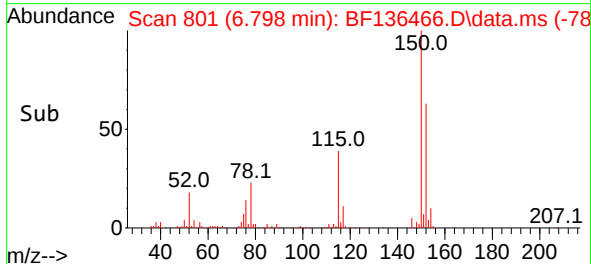
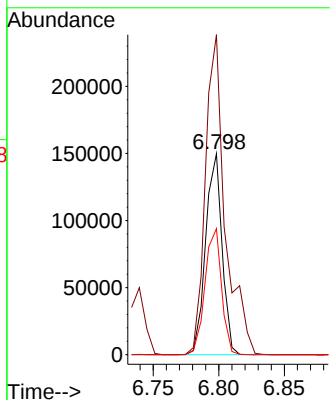
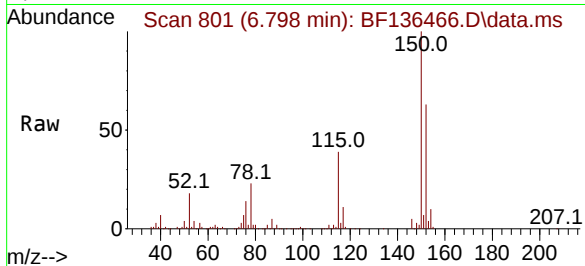




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136466.D
 Acq: 08 Dec 2023 14:29

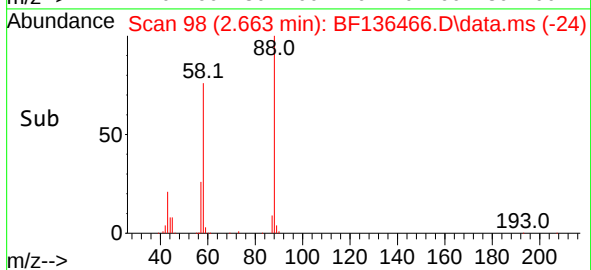
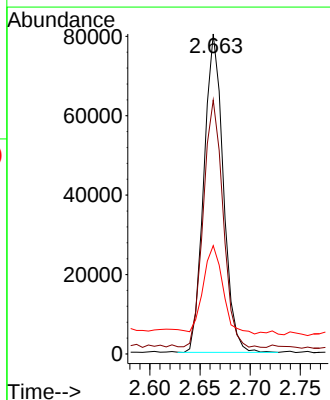
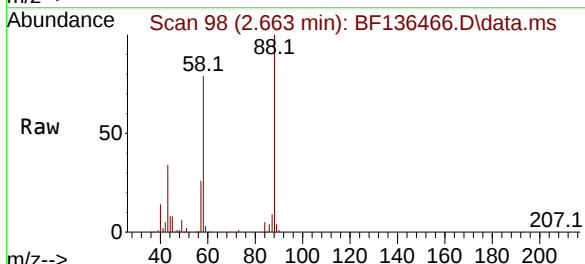
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 BNA_F
 ClientSampleId :
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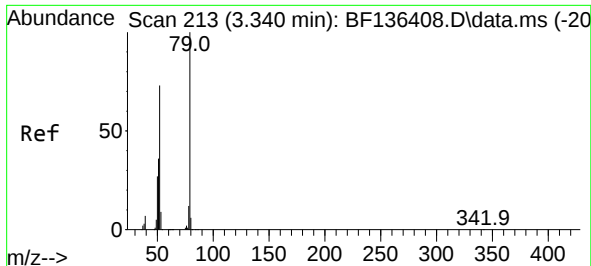
Tgt Ion:152 Resp: 130837
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.4 189.6
 115 62.7 48.2 72.4



#2
 1,4-Dioxane
 Concen: 30.820 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.088 min
 Lab File: BF136466.D
 Acq: 08 Dec 2023 14:29

Tgt Ion: 88 Resp: 107998
 Ion Ratio Lower Upper
 88 100
 58 78.7 62.2 93.2
 43 27.9 21.5 32.3

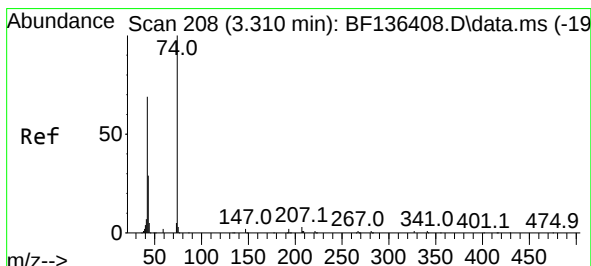
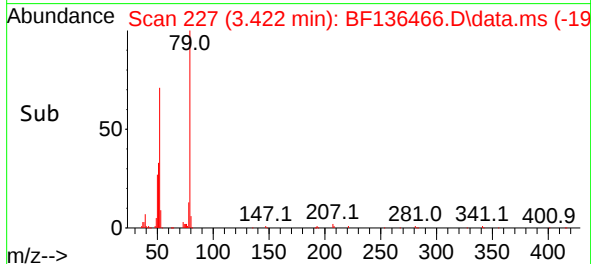
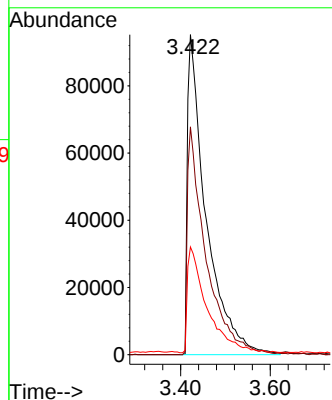
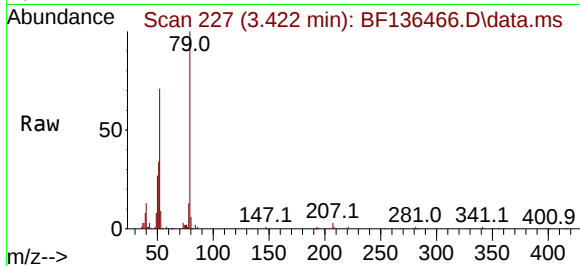




#3
Pyridine
Concen: 32.136 ng
RT: 3.422 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

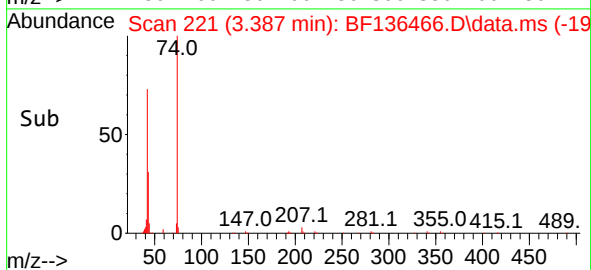
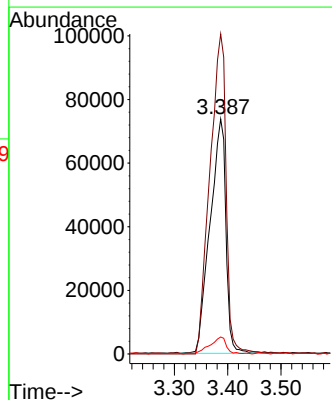
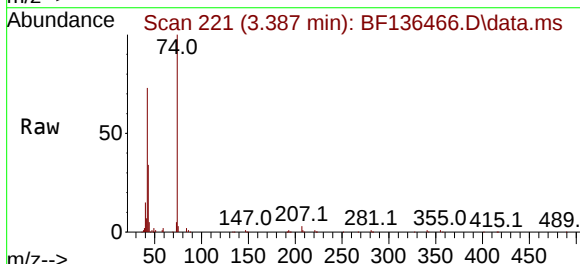
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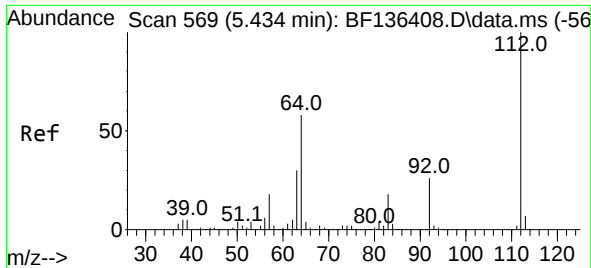
Tgt Ion: 79 Resp: 272708
Ion Ratio Lower Upper
79 100
52 71.2 58.2 87.2
51 33.7 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 41.345 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.076 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion: 42 Resp: 152431
Ion Ratio Lower Upper
42 100
74 136.1 115.4 173.0
44 7.2 6.2 9.2

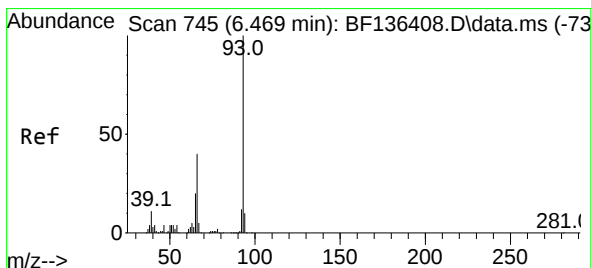
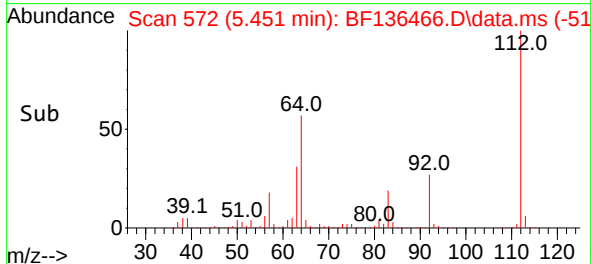
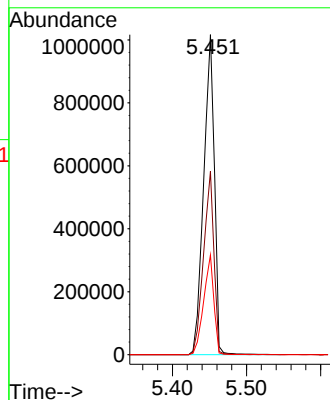
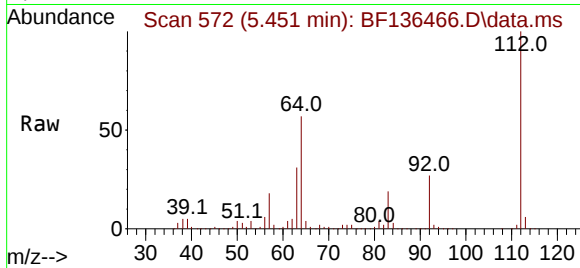




#5
2-Fluorophenol
Concen: 115.453 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

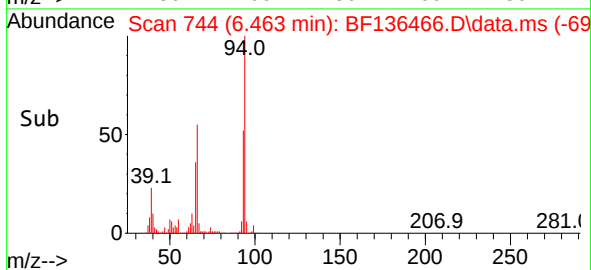
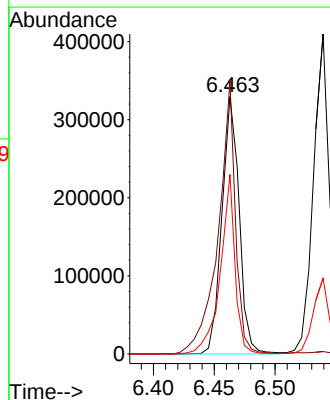
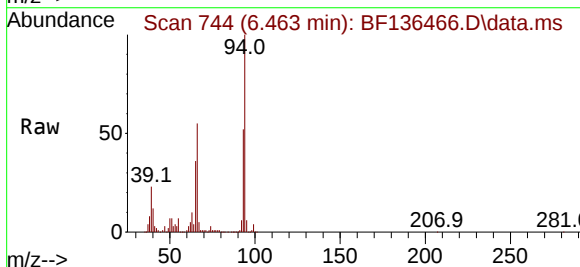
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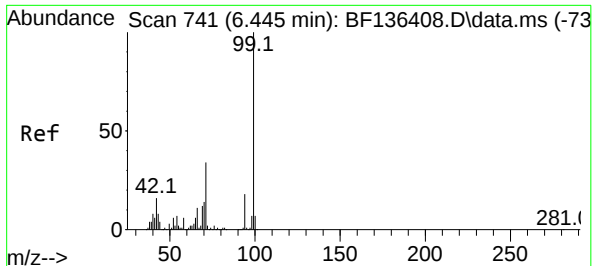
Tgt Ion:112 Resp: 1022834
Ion Ratio Lower Upper
112 100
64 57.3 46.5 69.7
63 31.1 23.9 35.9



#6
Aniline
Concen: 29.087 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion: 93 Resp: 324919
Ion Ratio Lower Upper
93 100
66 106.1 32.5 48.7#
65 69.7 16.4 24.6#



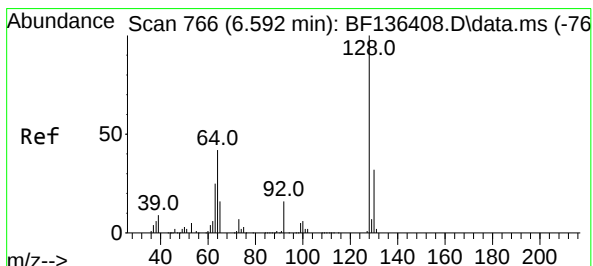
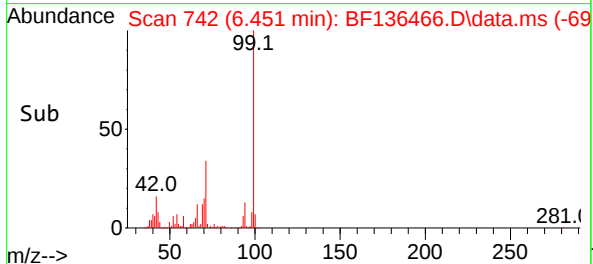
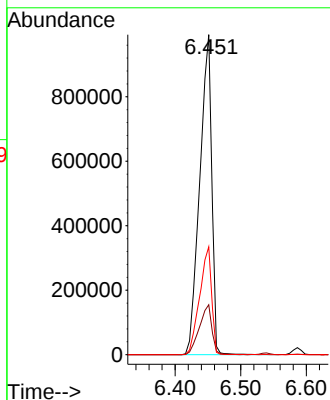
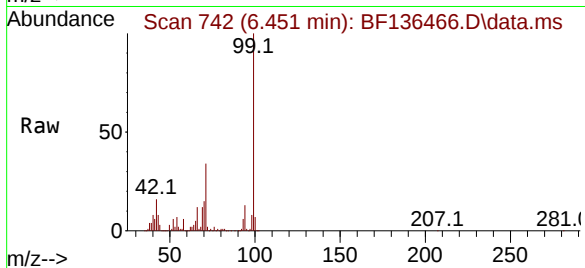


#7
Phenol-d6
Concen: 114.648 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136466.D
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Instrument :
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Tgt Ion: 99 Resp: 1267247

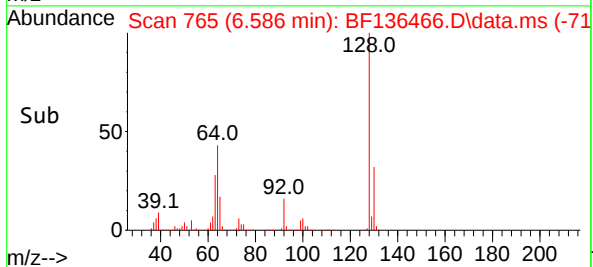
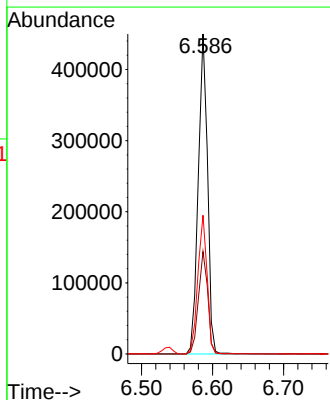
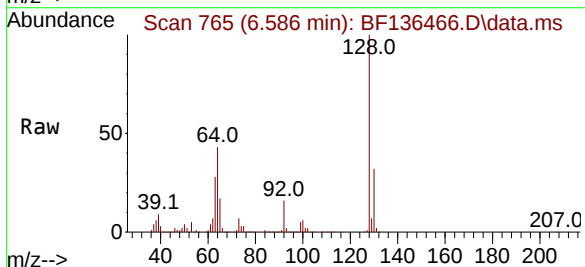
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	33.7	27.0	40.4

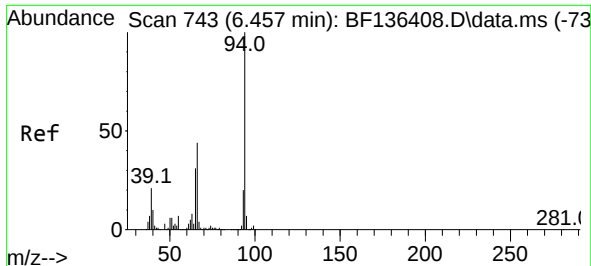


#8
2-Chlorophenol
Concen: 42.333 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion: 128 Resp: 409437

Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.7	51.7
64	43.4	22.5	62.5

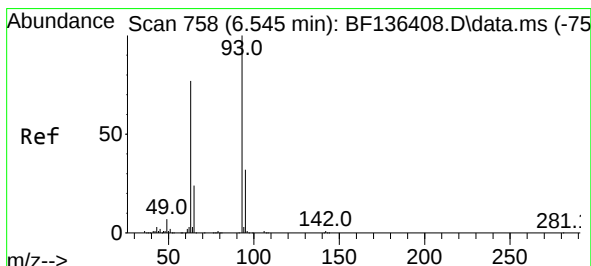
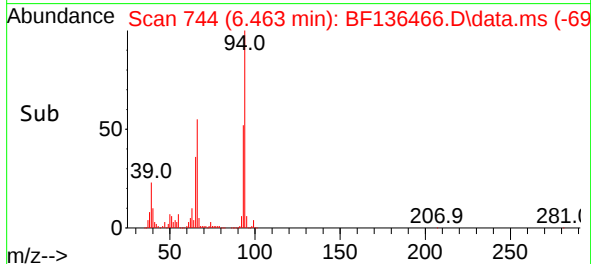
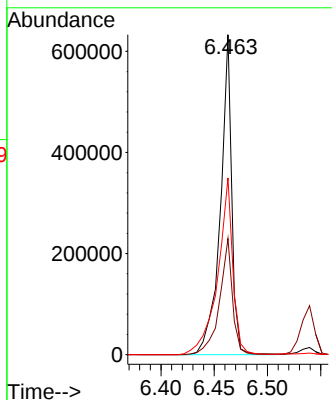
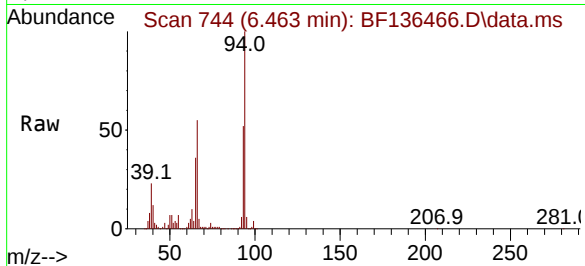




#10
Phenol
Concen: 39.995 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
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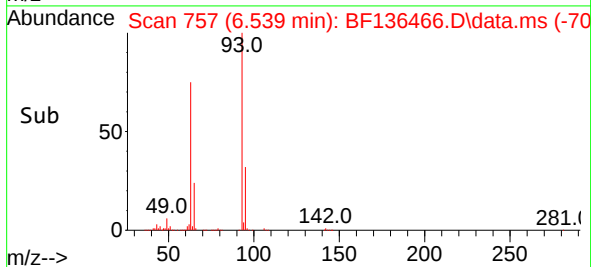
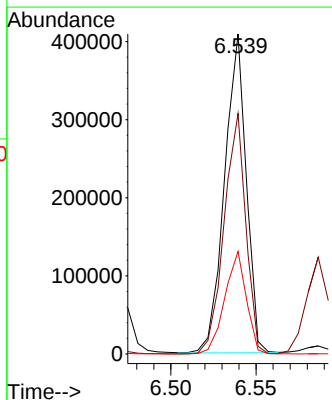
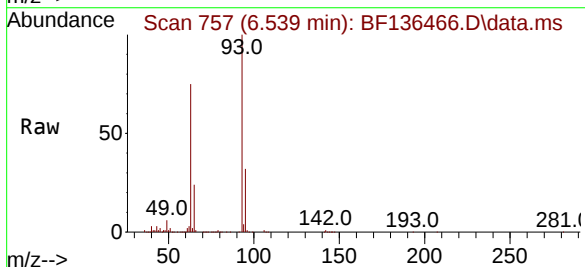
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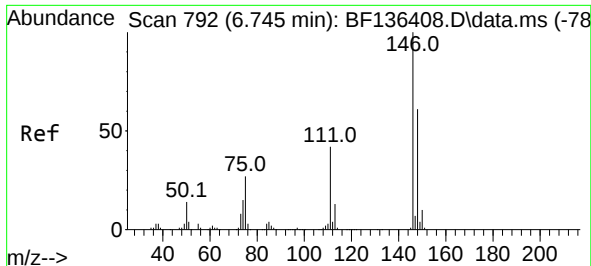
Tgt Ion: 94 Resp: 470416
Ion Ratio Lower Upper
94 100
65 36.3 11.2 51.2
66 55.2 24.2 64.2



#11
bis(2-Chloroethyl)ether
Concen: 41.289 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion: 93 Resp: 361986
Ion Ratio Lower Upper
93 100
63 75.1 56.8 96.8
95 32.1 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 37.981 ng

RT: 6.739 min Scan# 791

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

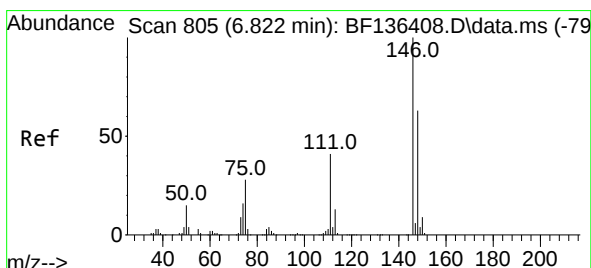
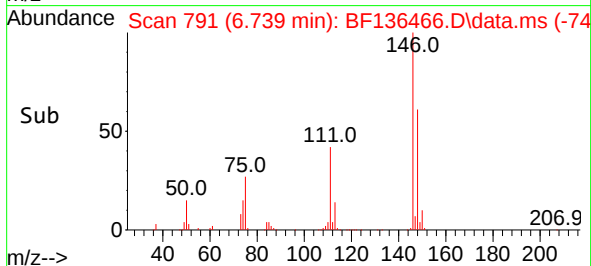
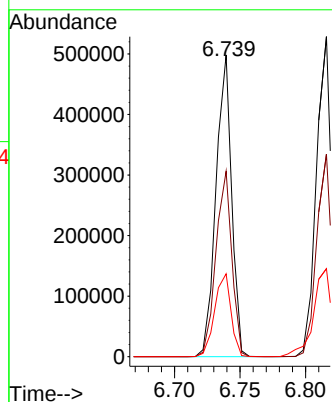
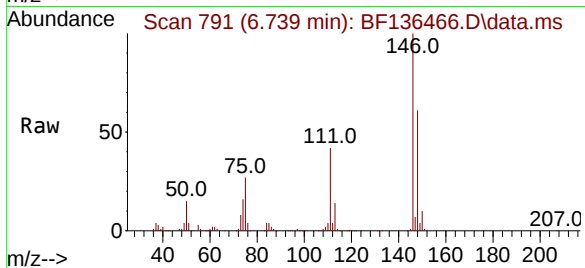
Tgt Ion:146 Resp: 413116

Ion Ratio Lower Upper

146 100

148 61.5 49.0 73.6

75 27.5 21.8 32.6



#13

1,4-Dichlorobenzene

Concen: 38.604 ng

RT: 6.816 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

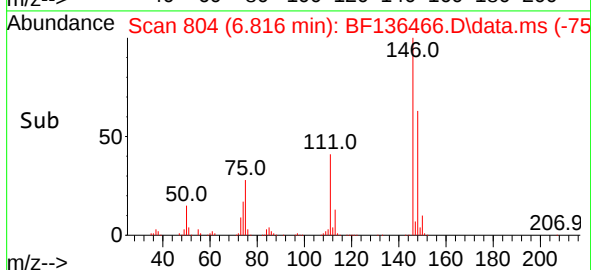
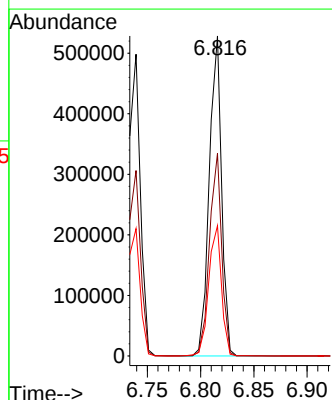
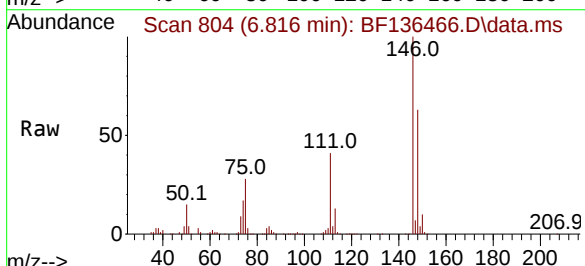
Tgt Ion:146 Resp: 425939

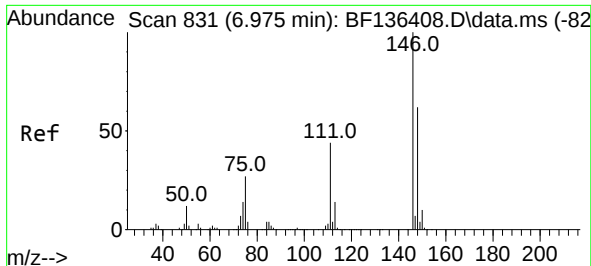
Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

111 40.7 32.6 49.0

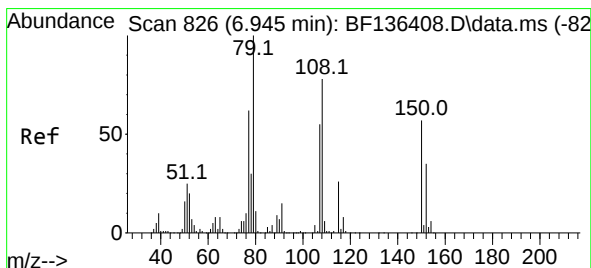
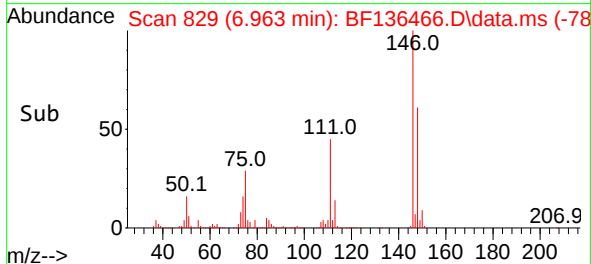
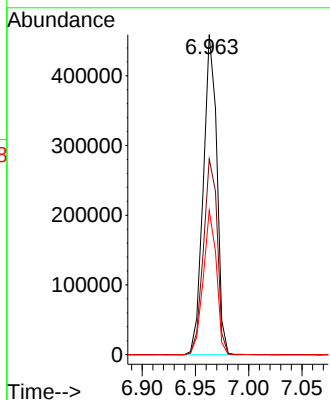
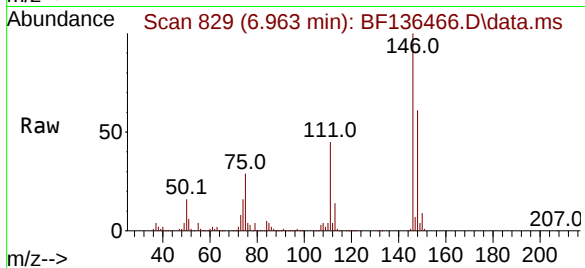




#14
1,2-Dichlorobenzene
Concen: 39.284 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

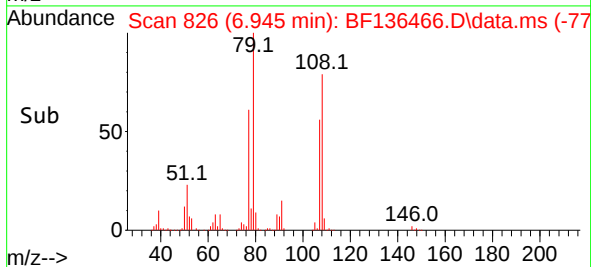
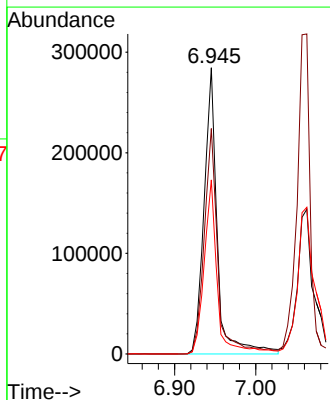
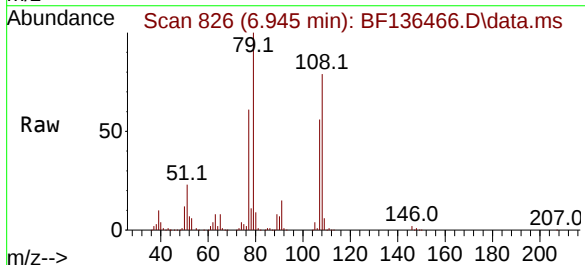
Instrument :
BNA_F
ClientSampleId :
PB157617BS

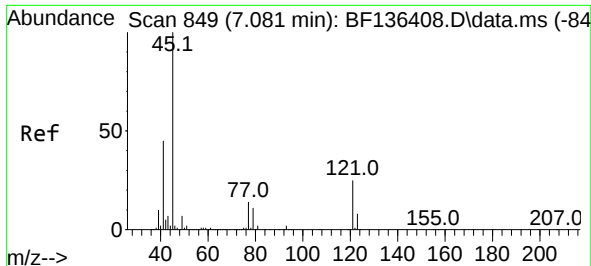
Tgt Ion:146 Resp: 407596
Ion Ratio Lower Upper
146 100
148 61.1 49.8 74.6
111 45.1 34.9 52.3



#15
Benzyl Alcohol
Concen: 43.334 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion: 79 Resp: 320748
Ion Ratio Lower Upper
79 100
108 78.7 62.3 93.5
77 60.8 49.8 74.8

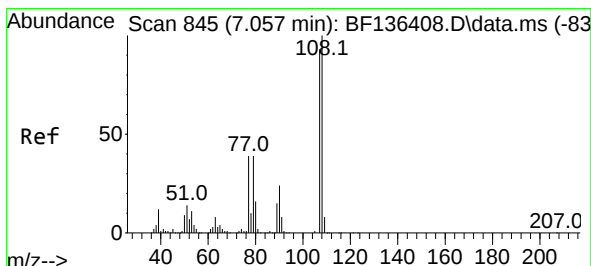
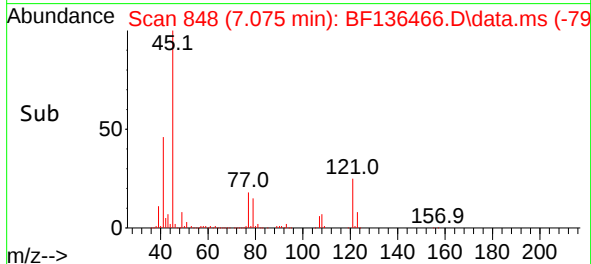
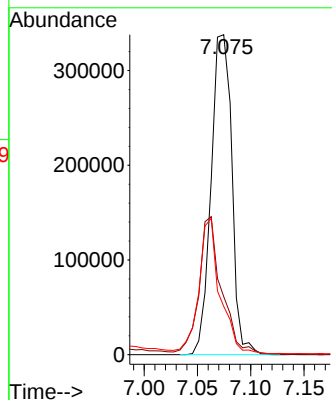
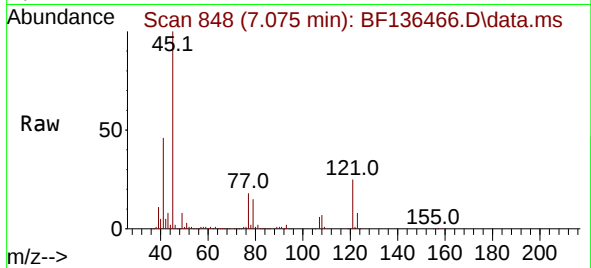




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.517 ng
RT: 7.075 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

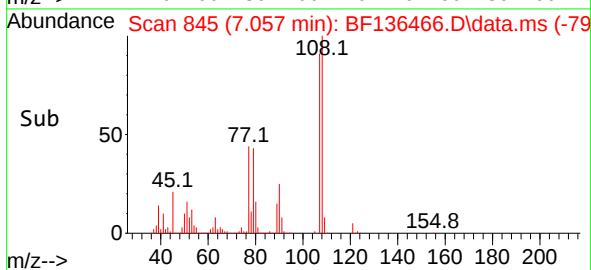
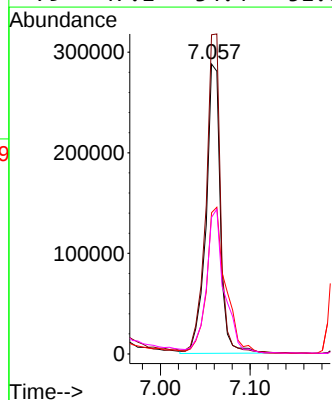
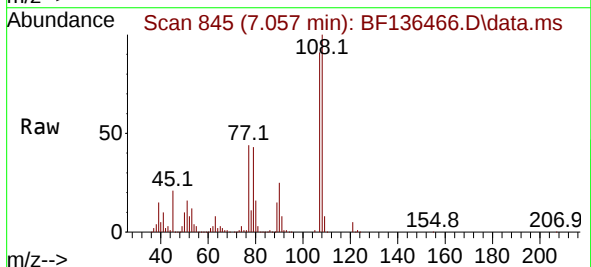
Instrument :
BNA_F
ClientSampleId :
PB157617BS

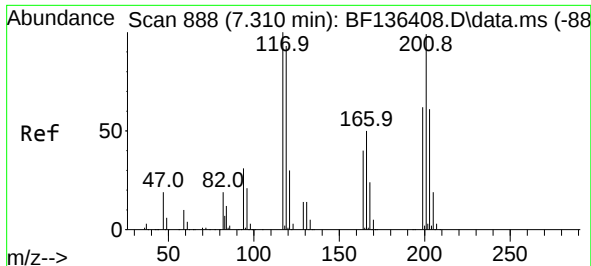
Tgt Ion: 45 Resp: 456858
Ion Ratio Lower Upper
45 100
77 18.1 0.0 35.3
79 15.1 0.0 32.5



#17
2-Methylphenol
Concen: 40.966 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:107 Resp: 320104
Ion Ratio Lower Upper
107 100
108 110.1 86.5 129.7
77 48.7 33.8 50.8
79 47.1 34.4 51.6

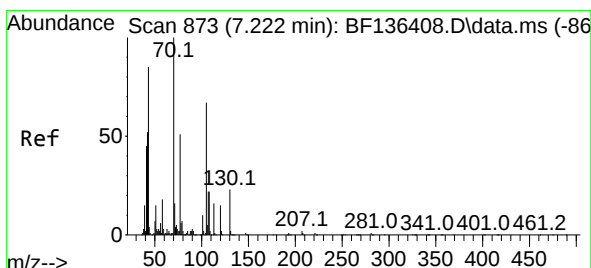
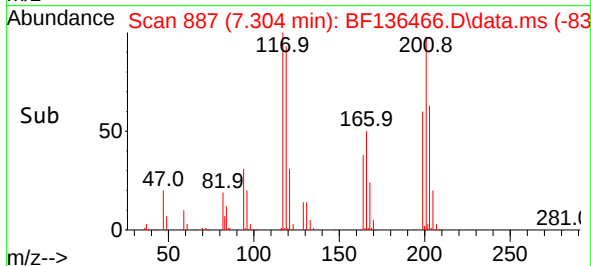
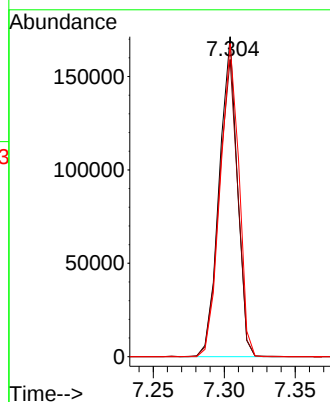
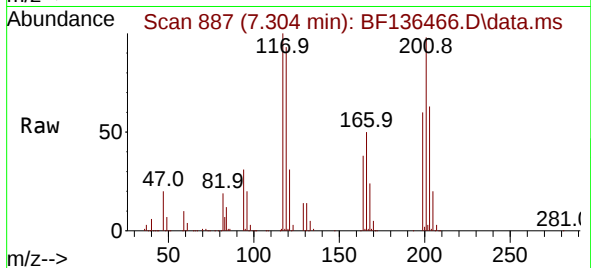




#18
Hexachloroethane
Concen: 39.051 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

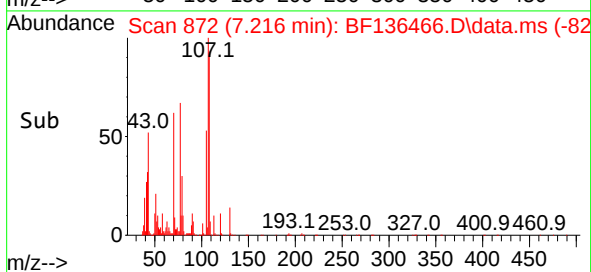
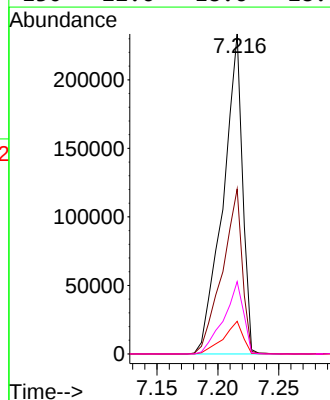
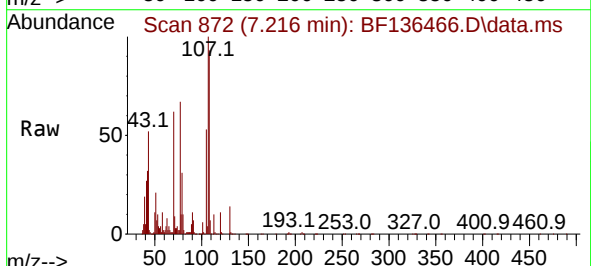
Instrument :
BNA_F
ClientSampleId :
PB157617BS

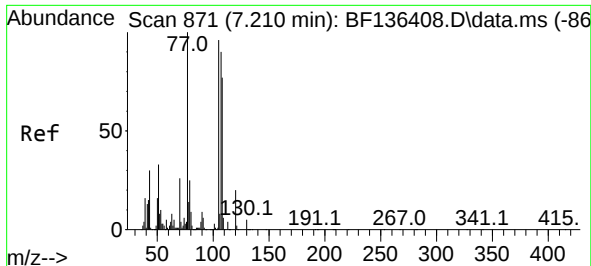
Tgt Ion:117 Resp: 150434
Ion Ratio Lower Upper
117 100
119 92.9 74.3 111.5
201 97.8 79.3 118.9



#19
n-Nitroso-di-n-propylamine
Concen: 40.746 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion: 70 Resp: 259807
Ion Ratio Lower Upper
70 100
42 51.5 41.4 62.0
101 10.2 8.2 12.4
130 22.6 18.6 28.0





#20

3+4-Methylphenols

Concen: 40.719 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF136466.D

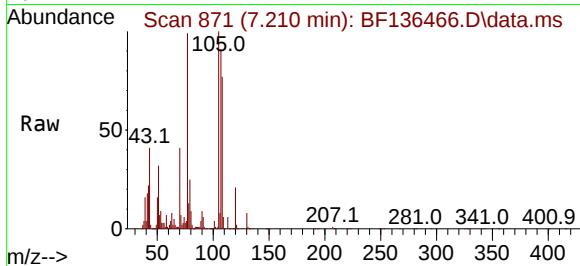
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS



Tgt Ion:107 Resp: 394922

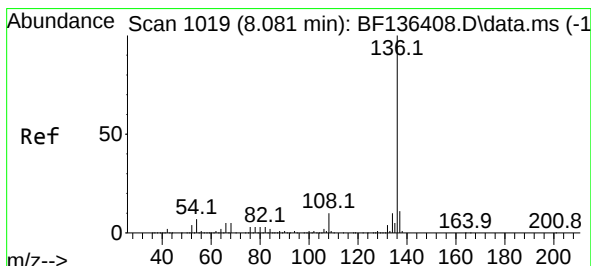
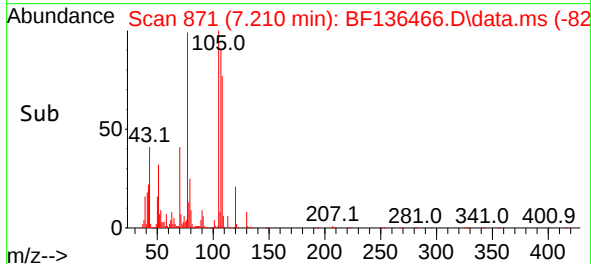
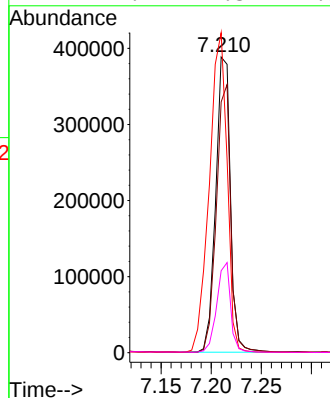
Ion Ratio Lower Upper

107 100

108 84.8 65.9 105.9

77 108.2 91.7 131.7

79 27.7 7.5 47.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Tgt Ion:136 Resp: 560114

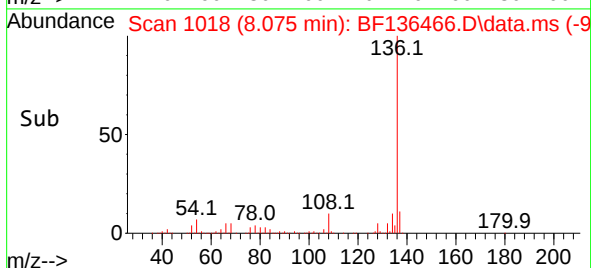
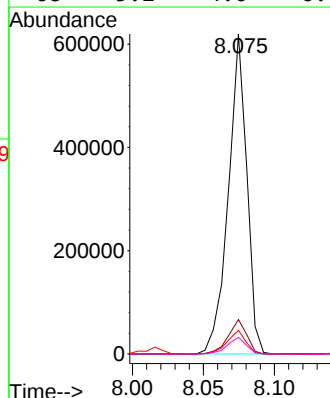
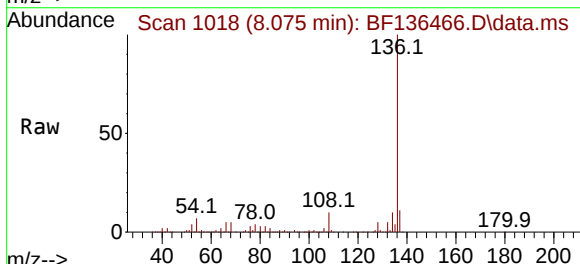
Ion Ratio Lower Upper

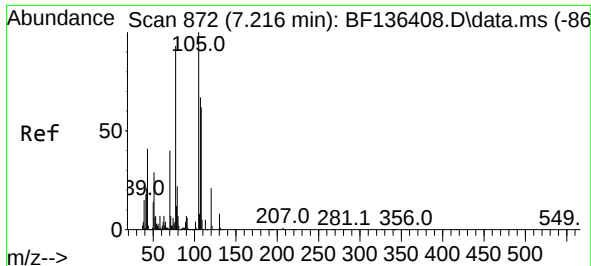
136 100

137 10.7 8.6 12.8

54 7.4 5.7 8.5

68 5.2 4.0 6.0

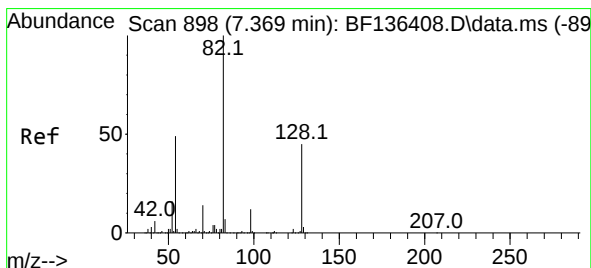
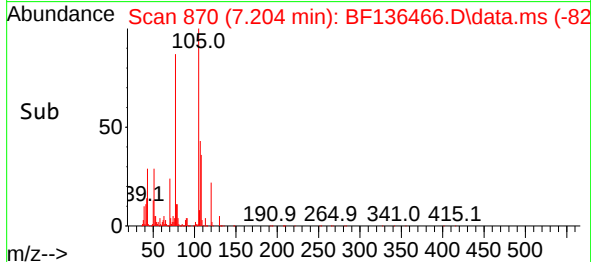
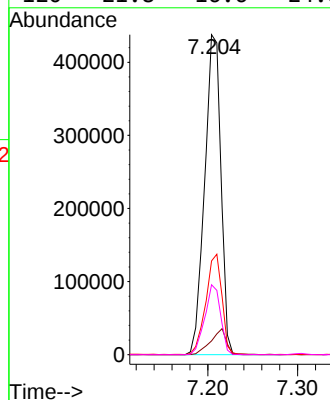
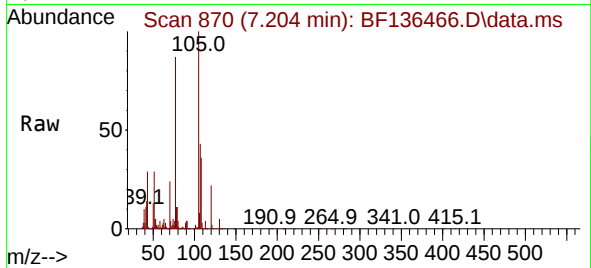




#22
Acetophenone
Concen: 39.808 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

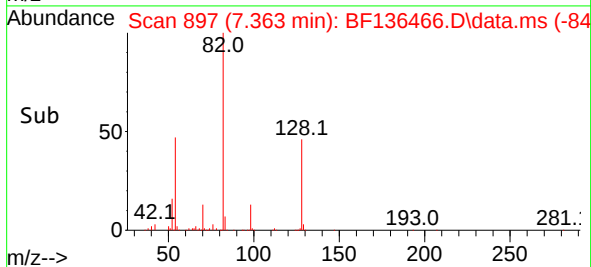
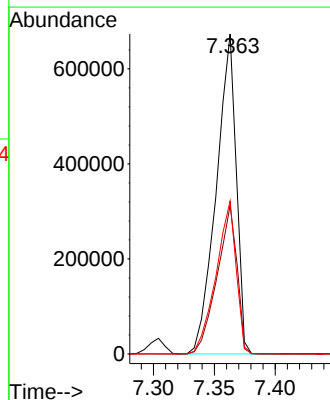
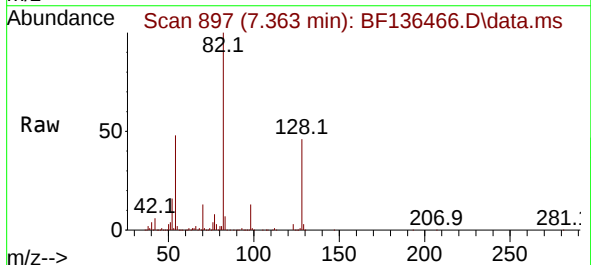
Instrument :
BNA_F
ClientSampleId :
PB157617BS

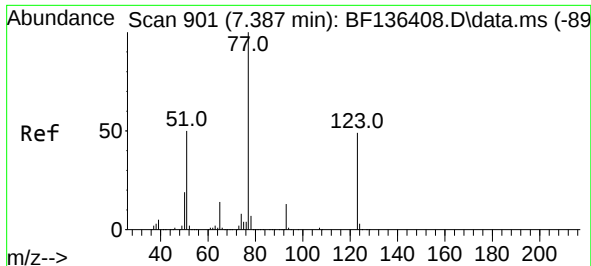
Tgt Ion:105 Resp: 550601
Ion Ratio Lower Upper
105 100
71 4.3 5.4 8.0#
51 29.3 23.4 35.2
120 21.8 16.6 24.8



#23
Nitrobenzene-d5
Concen: 74.285 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion: 82 Resp: 769663
Ion Ratio Lower Upper
82 100
128 46.4 36.3 54.5
54 47.9 39.0 58.6

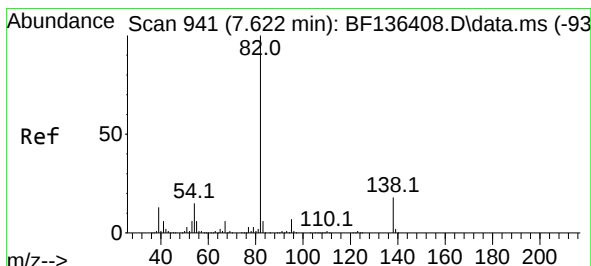
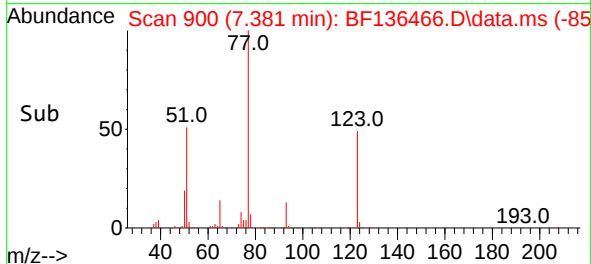
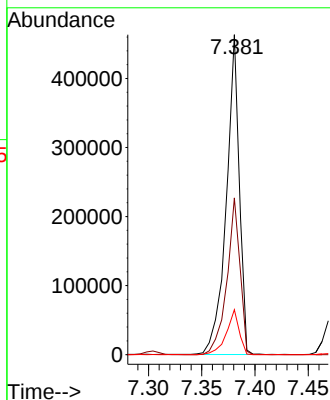
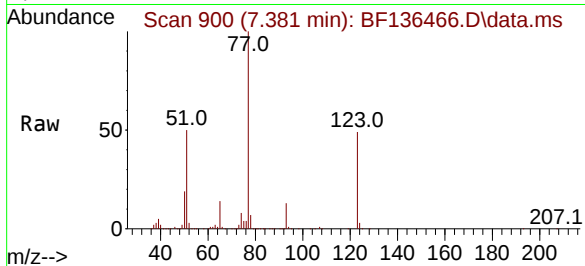




#24
Nitrobenzene
Concen: 37.741 ng
RT: 7.381 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

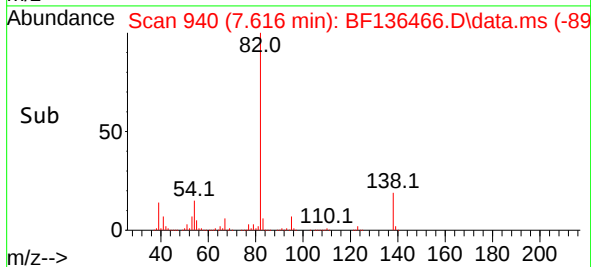
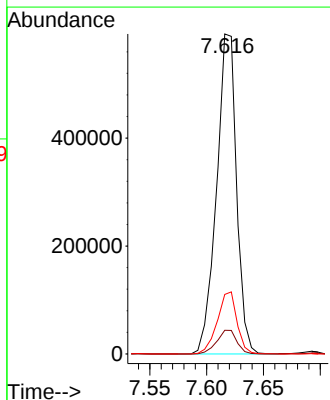
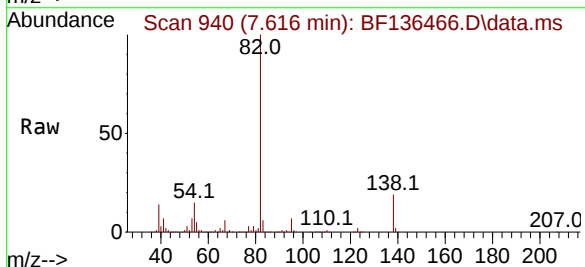
Instrument :
BNA_F
ClientSampleId :
PB157617BS

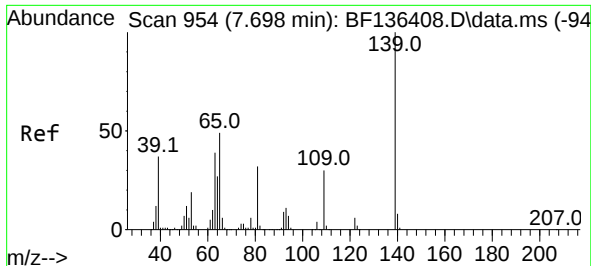
Tgt Ion: 77 Resp: 393366
Ion Ratio Lower Upper
77 100
123 49.0 39.0 58.6
65 14.1 11.3 16.9



#25
Isophorone
Concen: 39.150 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion: 82 Resp: 728762
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.6 14.5 21.7

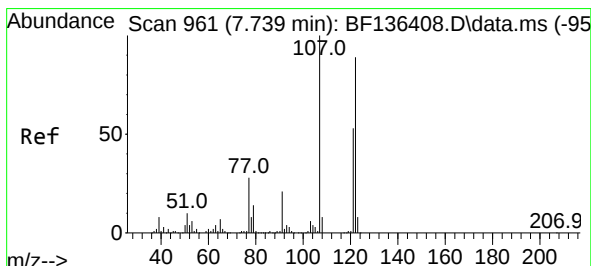
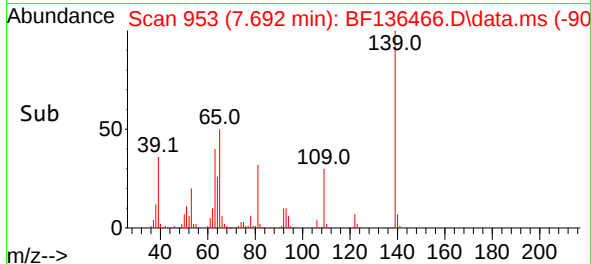
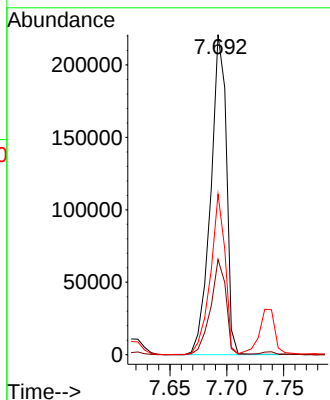
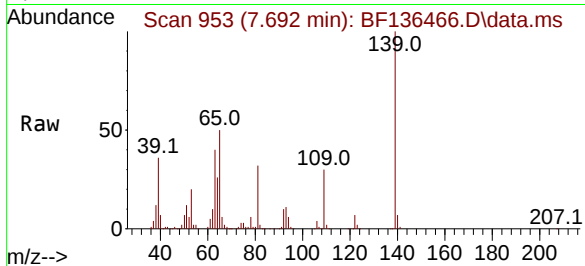




#26
2-Nitrophenol
Concen: 41.569 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

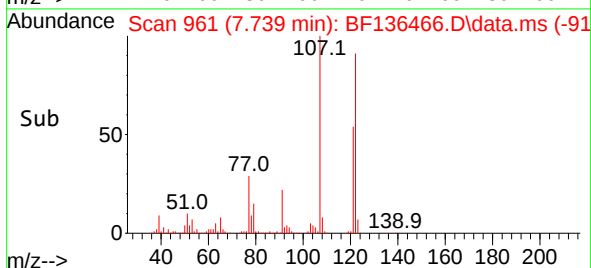
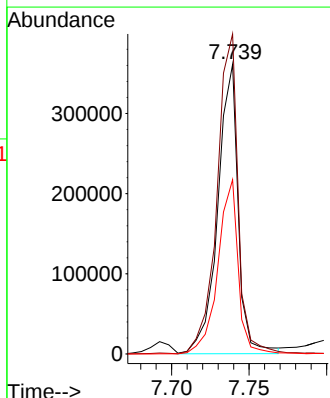
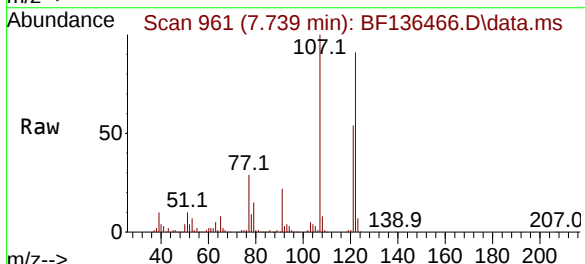
Instrument :
BNA_F
ClientSampleId :
PB157617BS

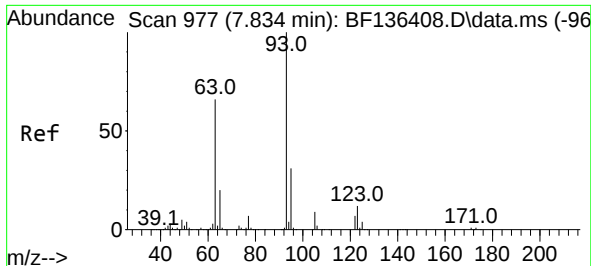
Tgt Ion:139 Resp: 213003
Ion Ratio Lower Upper
139 100
109 29.7 23.6 35.4
65 50.2 39.4 59.2



#27
2,4-Dimethylphenol
Concen: 52.507 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:122 Resp: 331750
Ion Ratio Lower Upper
122 100
107 110.5 89.3 133.9
121 60.2 47.6 71.4

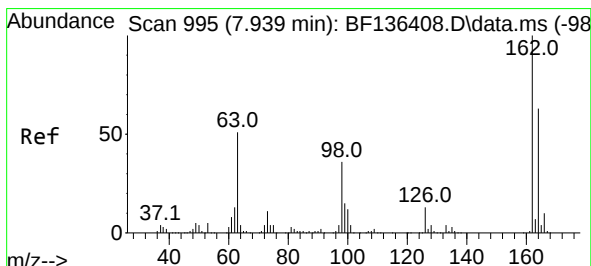
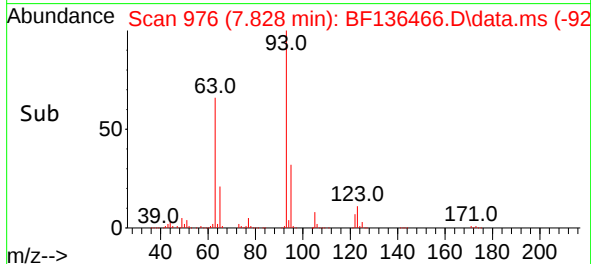
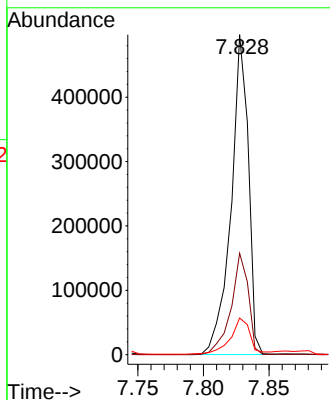
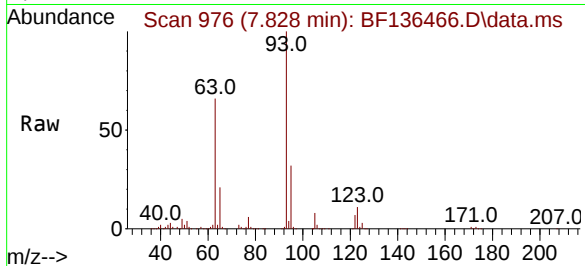




#28
bis(2-Chloroethoxy)methane
Concen: 39.893 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

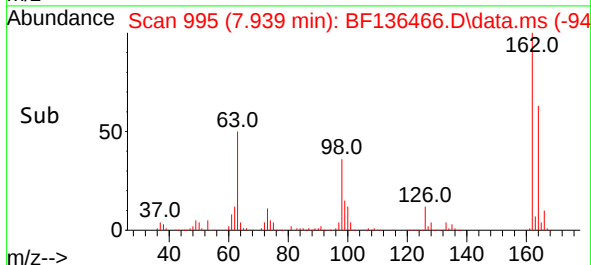
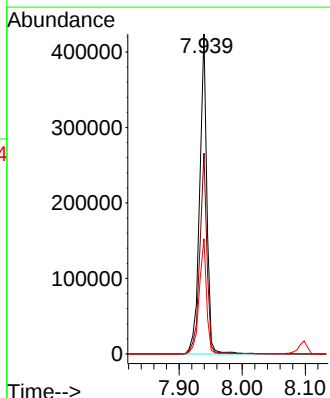
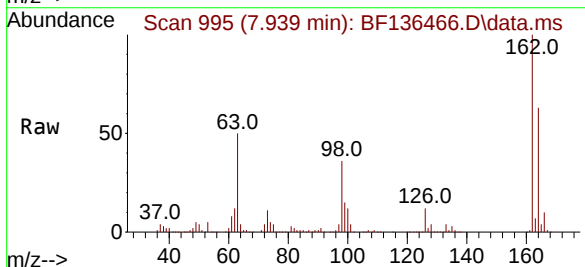
Instrument :
BNA_F
ClientSampleId :
PB157617BS

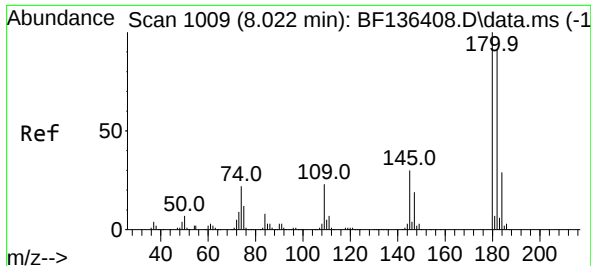
Tgt Ion: 93 Resp: 456299
Ion Ratio Lower Upper
93 100
95 31.7 25.0 37.4
123 11.4 9.4 14.0



#29
2,4-Dichlorophenol
Concen: 40.640 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:162 Resp: 338928
Ion Ratio Lower Upper
162 100
164 62.8 43.0 83.0
98 36.0 16.2 56.2

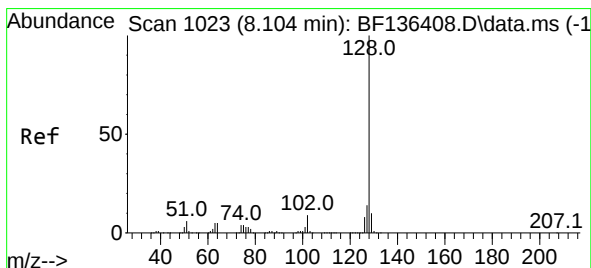
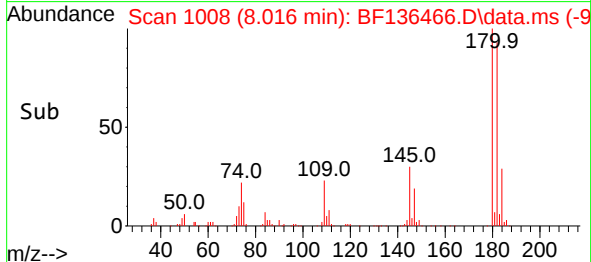
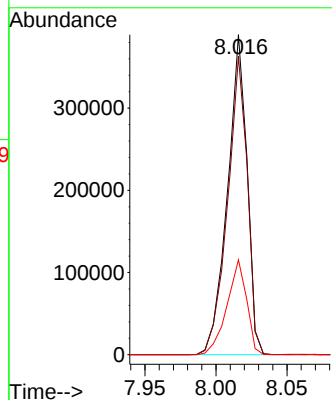
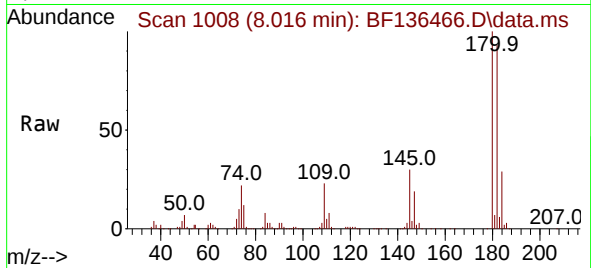




#30
1,2,4-Trichlorobenzene
Concen: 38.365 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

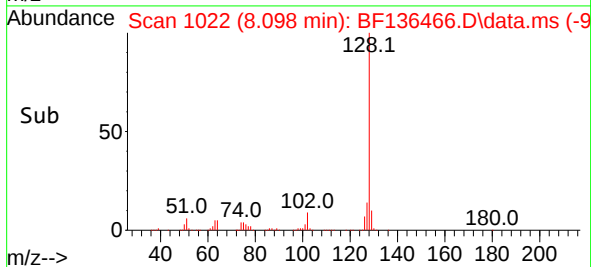
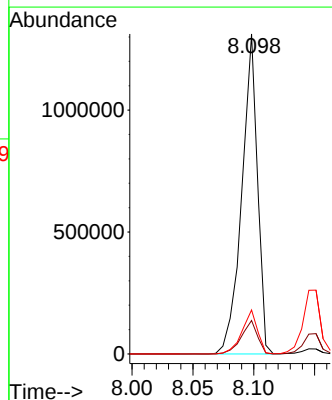
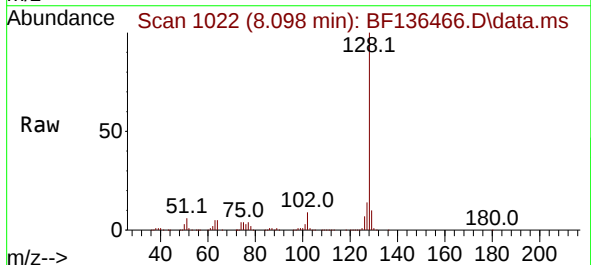
Instrument :
BNA_F
ClientSampleId :
PB157617BS

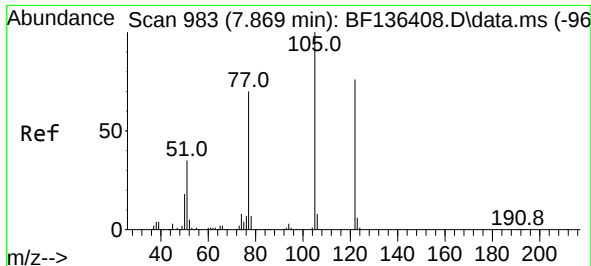
Tgt Ion:180 Resp: 373086
Ion Ratio Lower Upper
180 100
182 93.3 73.1 109.7
145 29.7 23.8 35.8



#31
Naphthalene
Concen: 38.250 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:128 Resp: 1181456
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.8 11.1 16.7

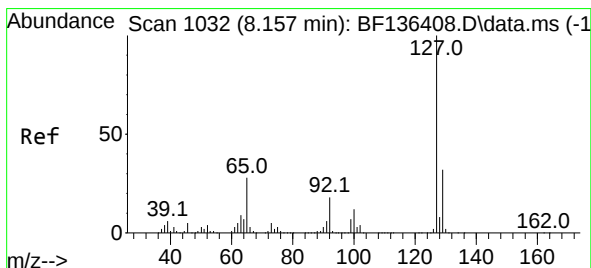
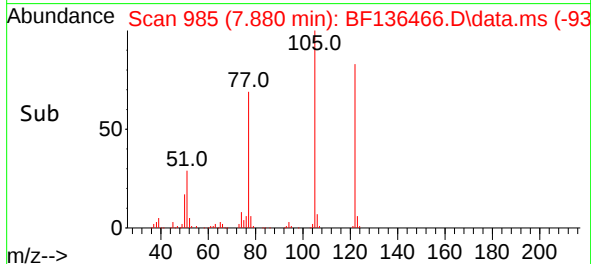
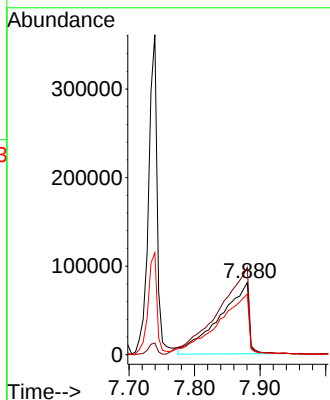
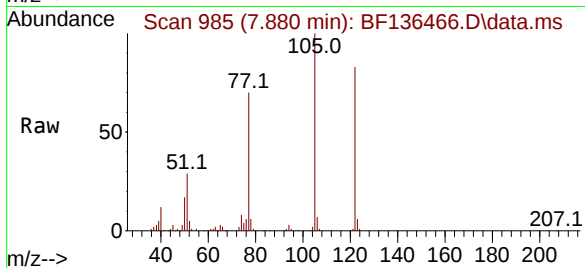




#32
Benzoic acid
Concen: 39.946 ng
RT: 7.880 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

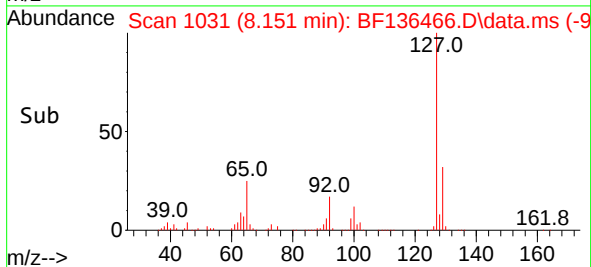
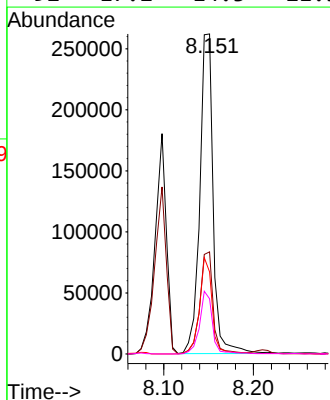
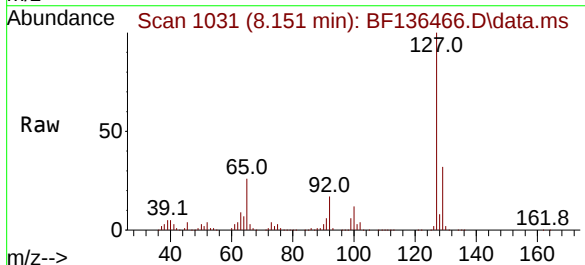
Instrument :
BNA_F
ClientSampleId :
PB157617BS

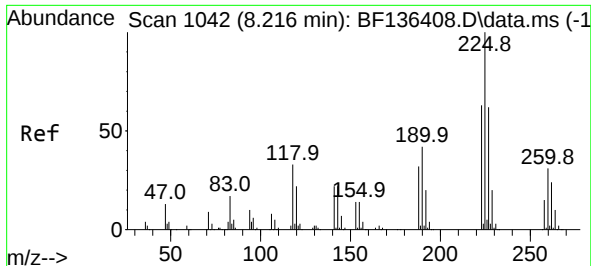
Tgt Ion:122 Resp: 250376
Ion Ratio Lower Upper
122 100
105 120.9 104.7 144.7
77 84.1 68.5 108.5



#33
4-Chloroaniline
Concen: 24.747 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:127 Resp: 272512
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 25.7 22.5 33.7
92 17.2 14.3 21.5

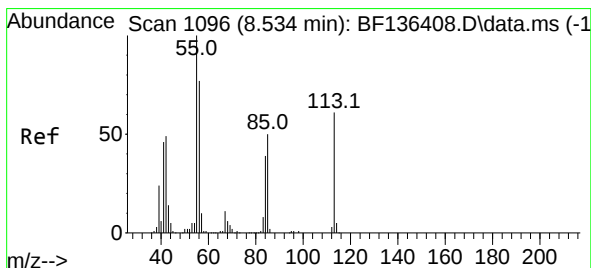
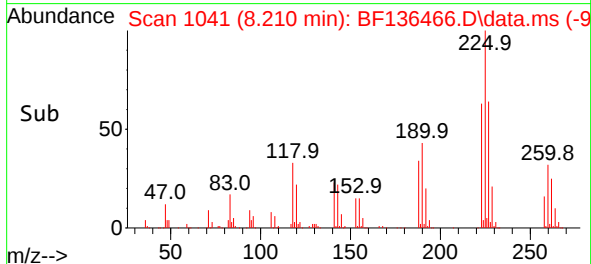
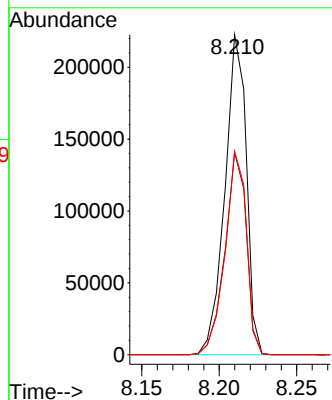
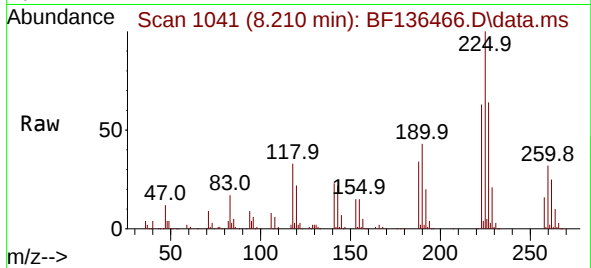




#34
Hexachlorobutadiene
Concen: 37.172 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

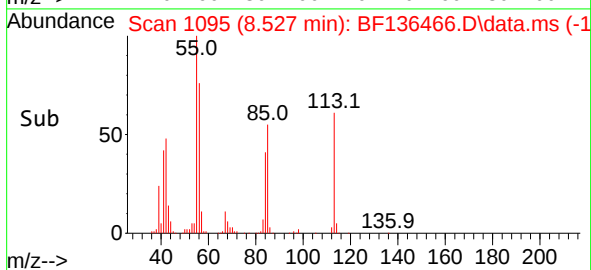
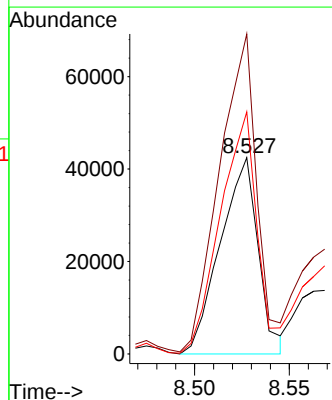
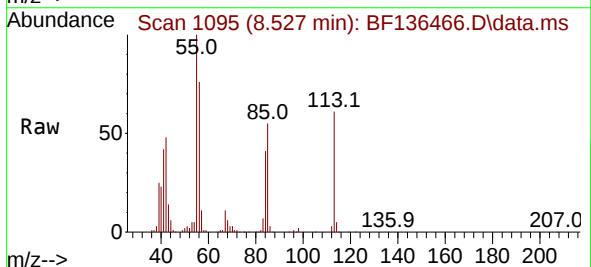
Instrument :
BNA_F
ClientSampleId :
PB157617BS

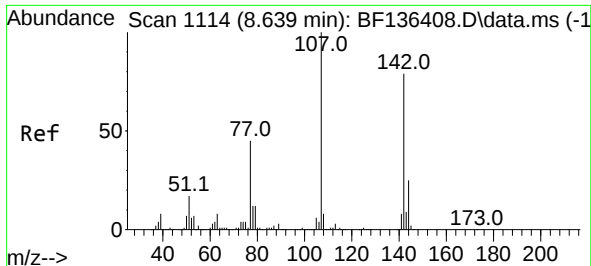
Tgt Ion:225 Resp: 214232
Ion Ratio Lower Upper
225 100
223 63.1 50.8 76.2
227 63.6 49.8 74.8



#35
Caprolactam
Concen: 22.947 ng
RT: 8.527 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:113 Resp: 58934
Ion Ratio Lower Upper
113 100
55 163.0 143.7 183.7
56 123.4 105.2 145.2

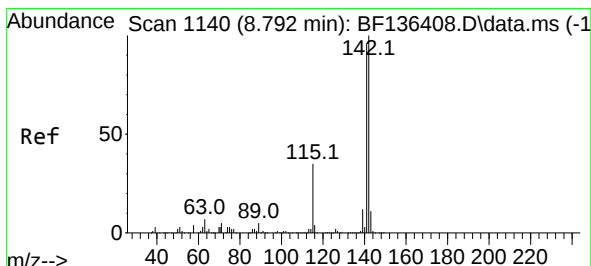
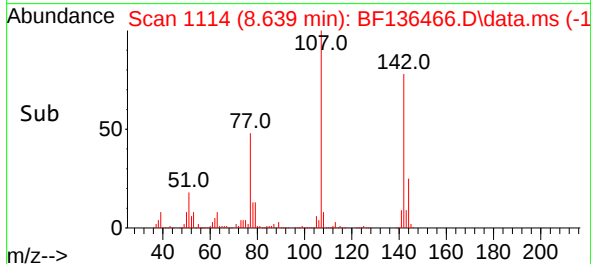
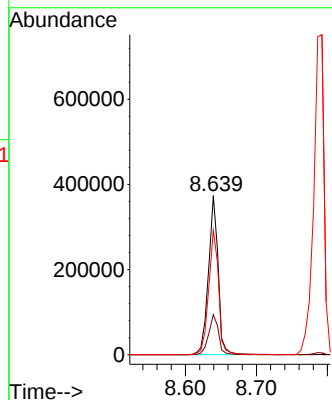
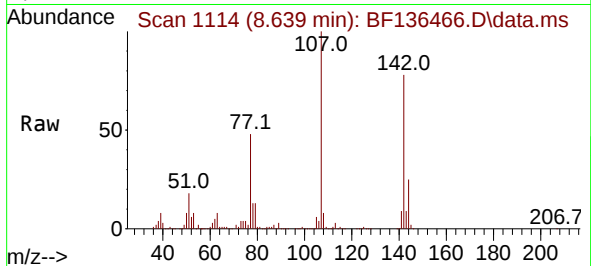




#36
4-Chloro-3-methylphenol
Concen: 40.238 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

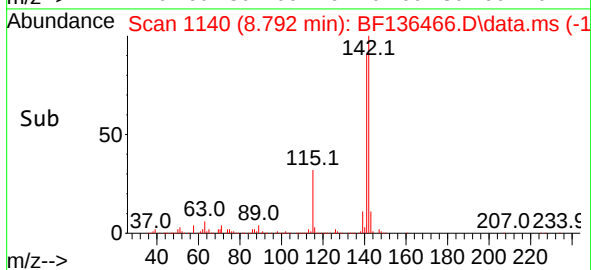
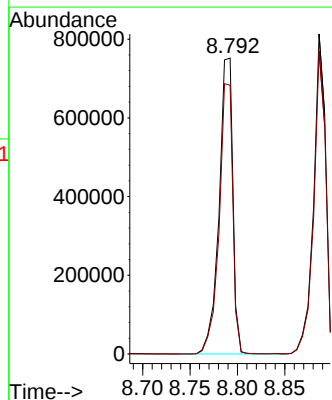
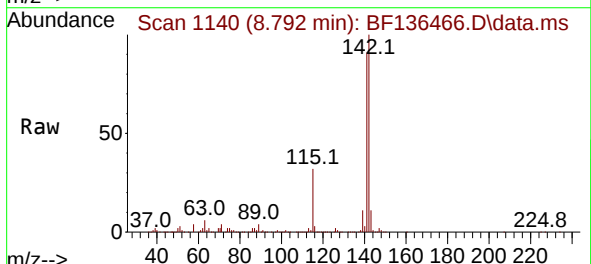
Instrument :
BNA_F
ClientSampleId :
PB157617BS

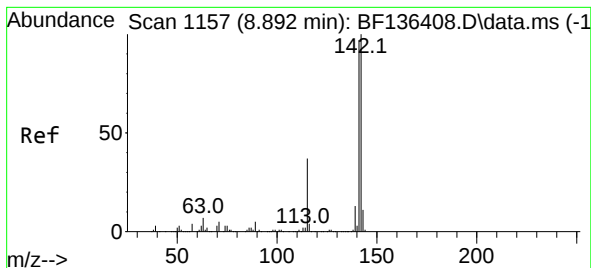
Tgt Ion:107 Resp: 356304
Ion Ratio Lower Upper
107 100
144 25.1 20.1 30.1
142 78.0 63.1 94.7



#37
2-Methylnaphthalene
Concen: 38.891 ng
RT: 8.792 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:142 Resp: 764229
Ion Ratio Lower Upper
142 100
141 90.8 76.4 114.6





#38

1-Methylnaphthalene

Concen: 37.280 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

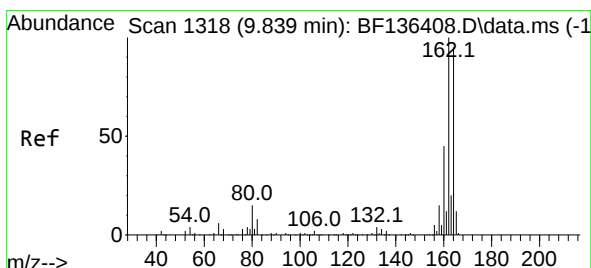
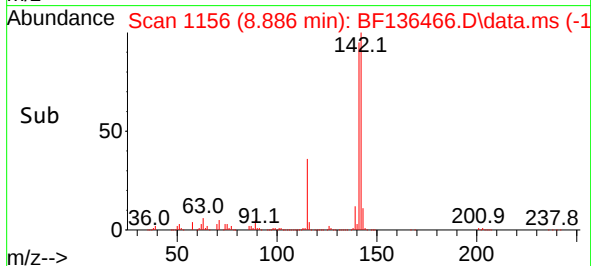
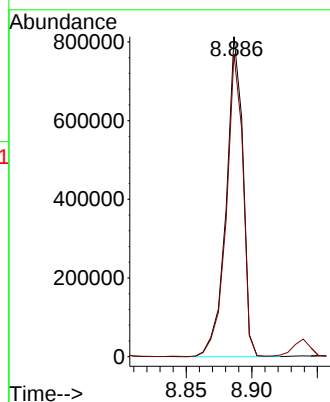
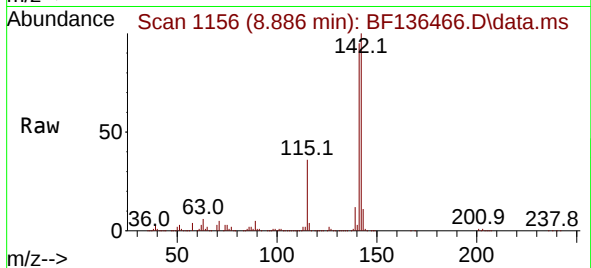
PB157617BS

Tgt Ion:142 Resp: 718852

Ion Ratio Lower Upper

142 100

141 94.6 77.7 116.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

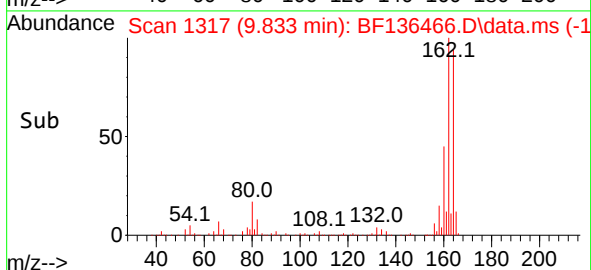
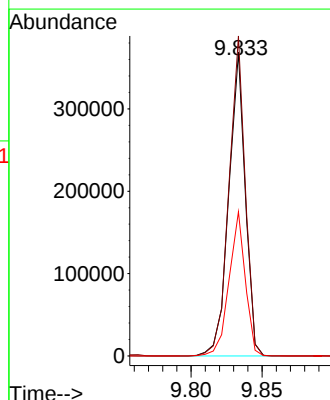
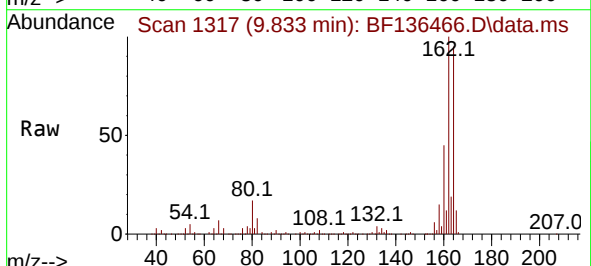
Tgt Ion:164 Resp: 297754

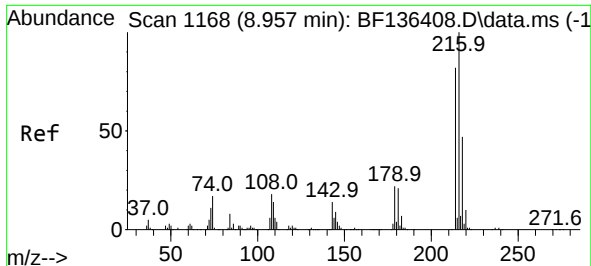
Ion Ratio Lower Upper

164 100

162 105.4 84.4 126.6

160 47.5 37.6 56.4



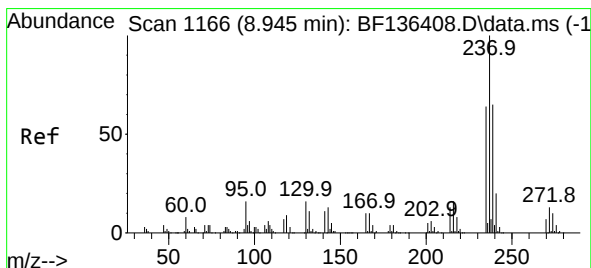
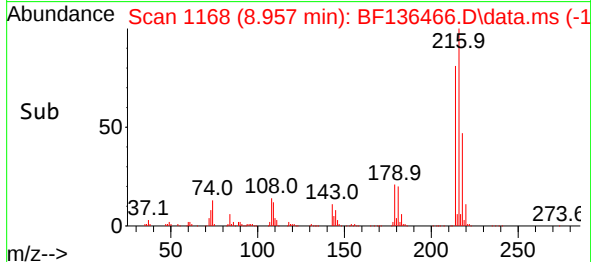
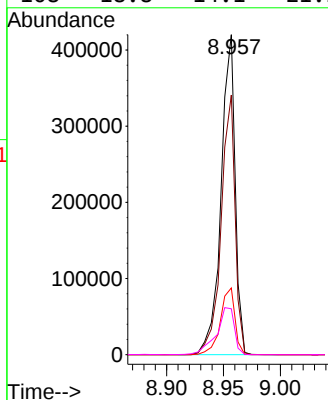
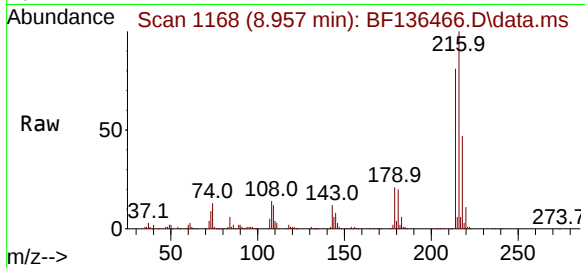


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.276 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB157617BS

Tgt Ion:216 Resp: 363840

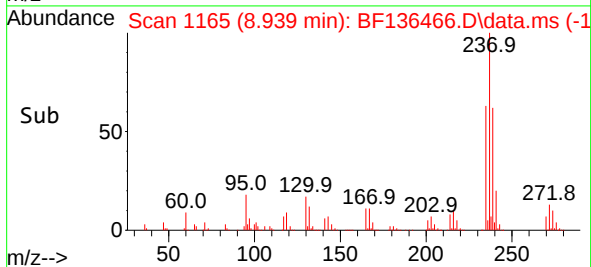
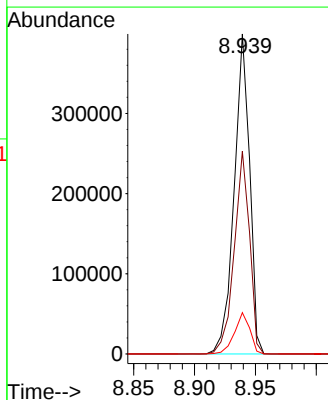
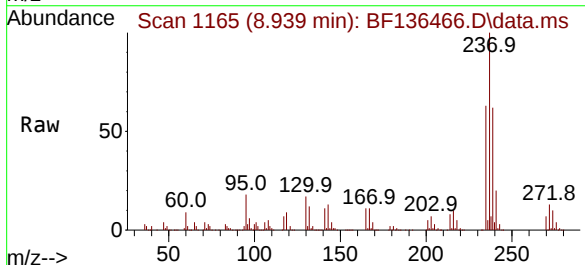
Ion	Ratio	Lower	Upper
216	100		
214	80.6	64.1	96.1
179	21.6	17.0	25.6
108	18.8	14.1	21.1

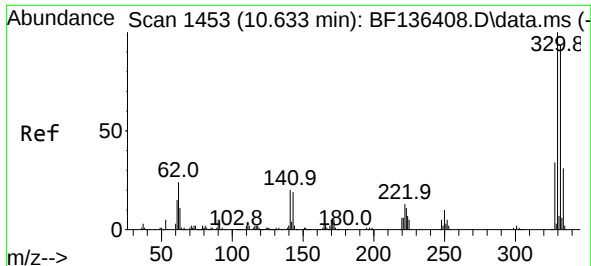


#41
Hexachlorocyclopentadiene
Concen: 102.187 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:237 Resp: 350697

Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.1	84.1
272	12.9	0.0	33.3





#42

2,4,6-Tribromophenol

Concen: 111.811 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

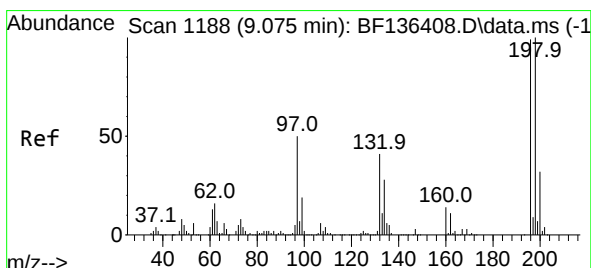
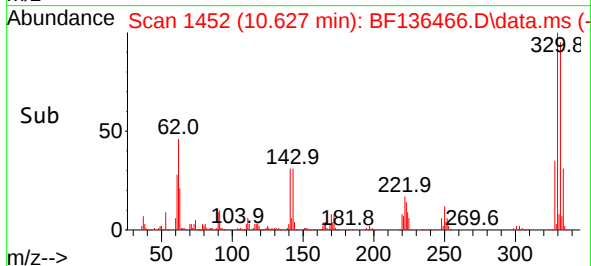
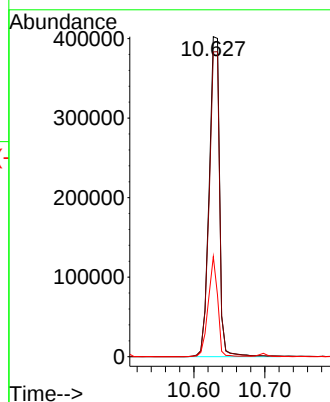
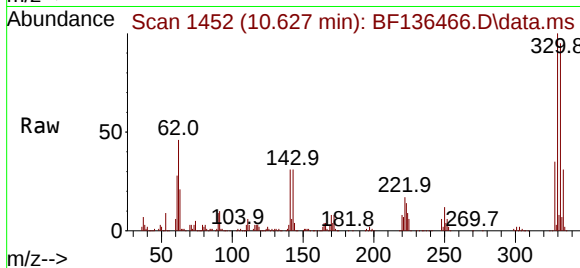
Tgt Ion:330 Resp: 410497

Ion Ratio Lower Upper

330 100

332 95.4 76.4 114.6

141 28.4 23.4 35.2



#43

2,4,6-Trichlorophenol

Concen: 39.796 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

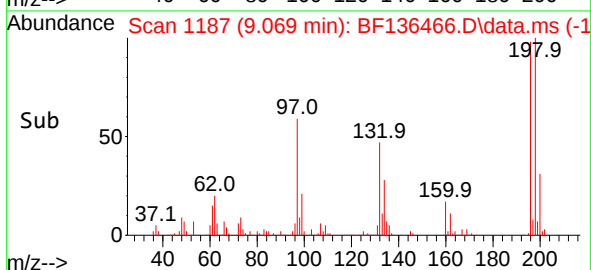
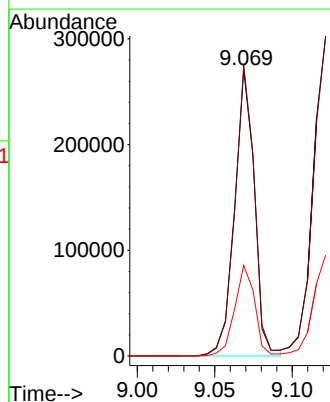
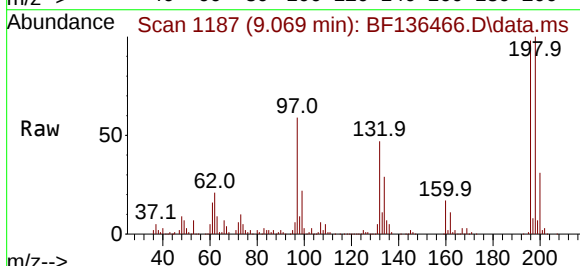
Tgt Ion:196 Resp: 240038

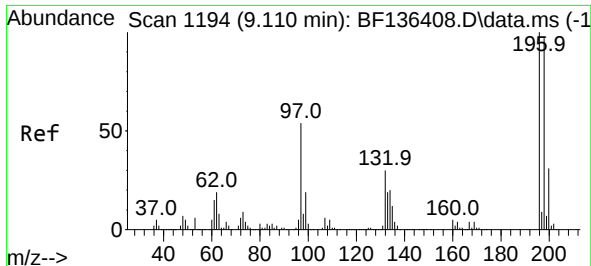
Ion Ratio Lower Upper

196 100

198 101.9 80.4 120.6

200 31.7 25.9 38.9

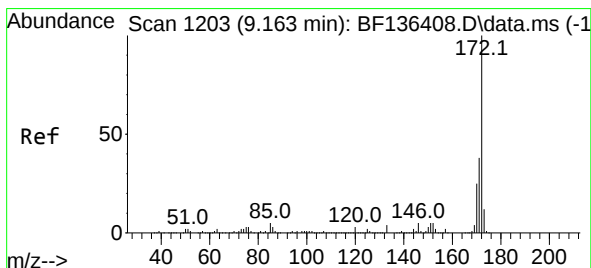
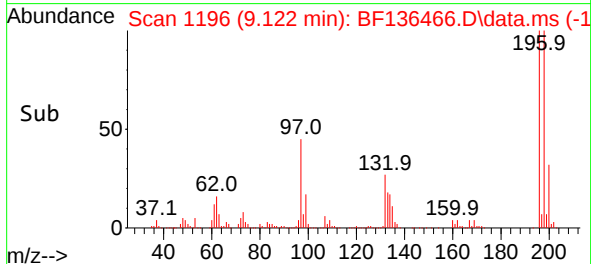
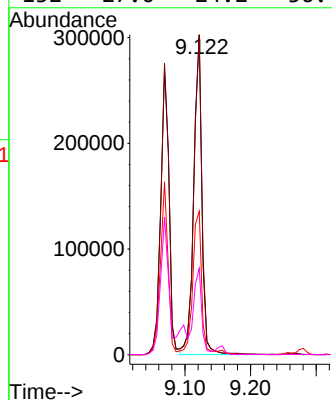
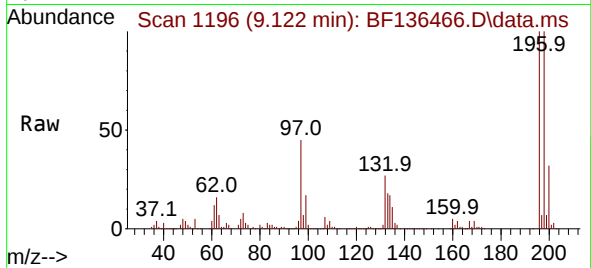




#44
2,4,5-Trichlorophenol
Concen: 38.900 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

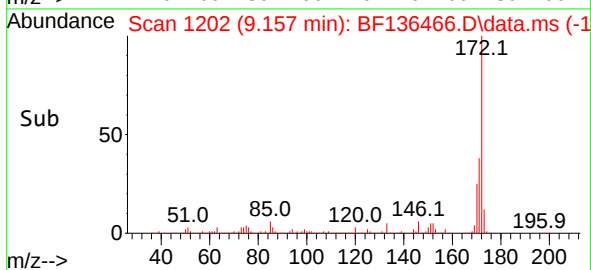
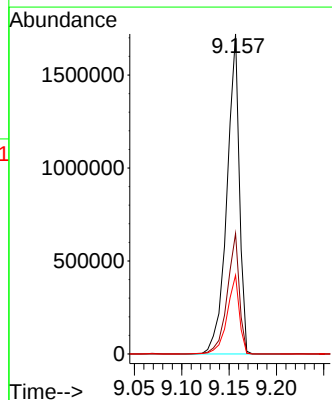
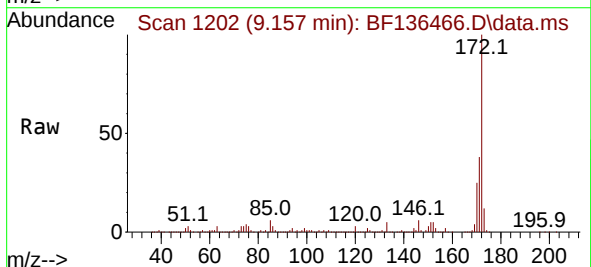
Instrument :
BNA_F
ClientSampleId :
PB157617BS

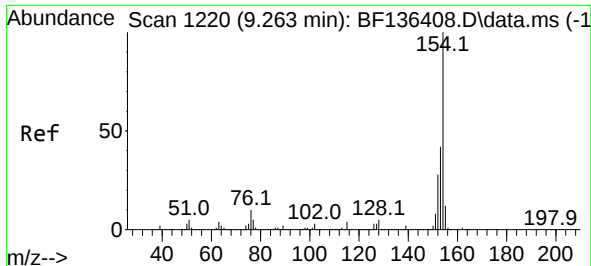
Tgt Ion:196 Resp: 261878
Ion Ratio Lower Upper
196 100
198 99.9 78.1 117.1
97 44.8 43.4 65.2
132 27.0 24.2 36.4



#45
2-Fluorobiphenyl
Concen: 72.261 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:172 Resp: 1576843
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 24.6 19.9 29.9

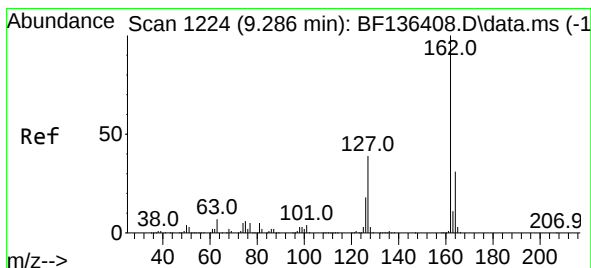
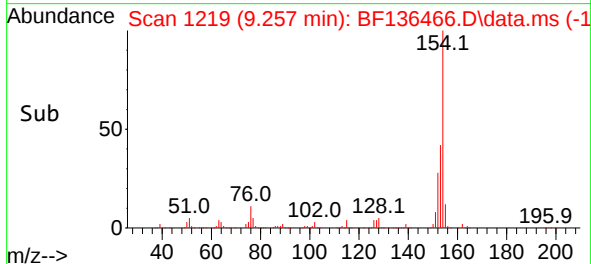
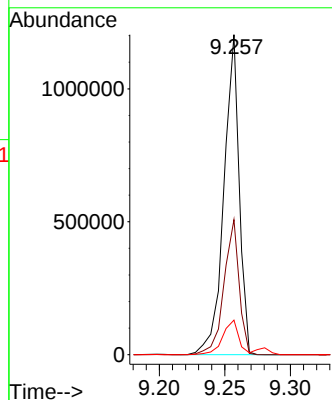
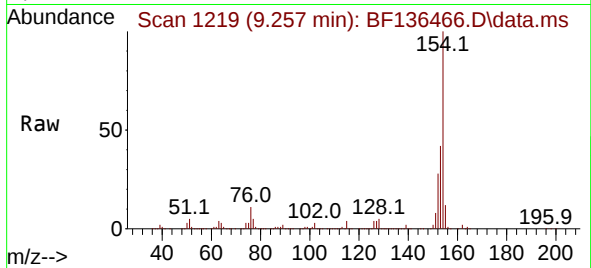




#46
1,1'-Biphenyl
Concen: 38.426 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

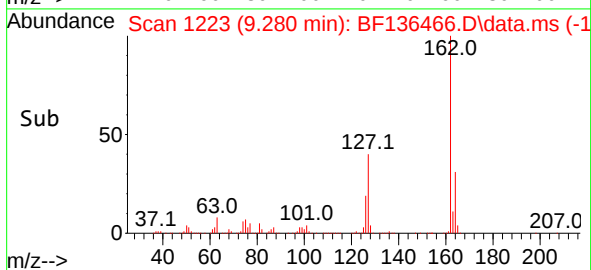
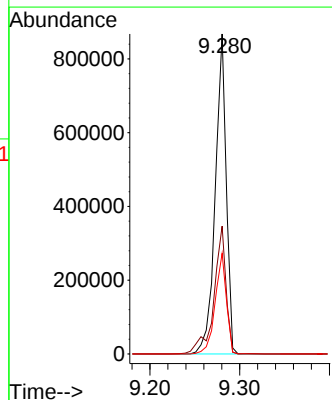
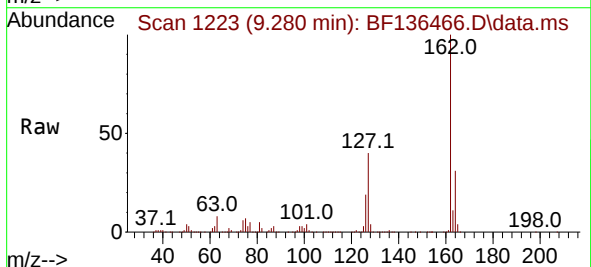
Instrument :
BNA_F
ClientSampleId :
PB157617BS

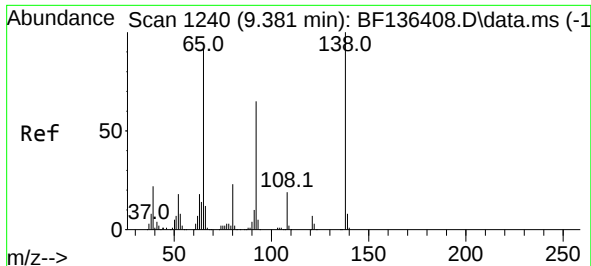
Tgt Ion:154 Resp: 973563
Ion Ratio Lower Upper
154 100
153 42.2 22.5 62.5
76 10.8 0.0 29.9



#47
2-Chloronaphthalene
Concen: 37.420 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:162 Resp: 737909
Ion Ratio Lower Upper
162 100
127 39.9 31.1 46.7
164 31.4 24.6 37.0

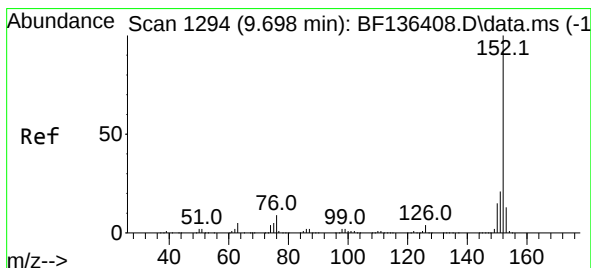
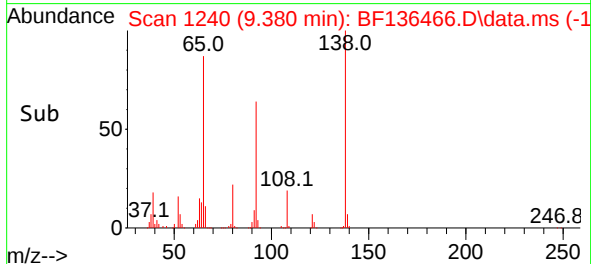
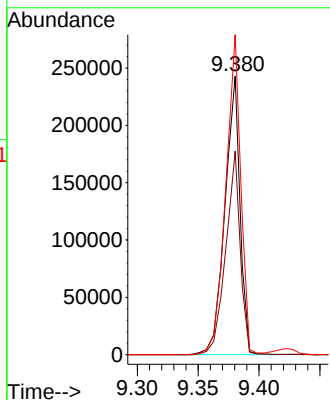
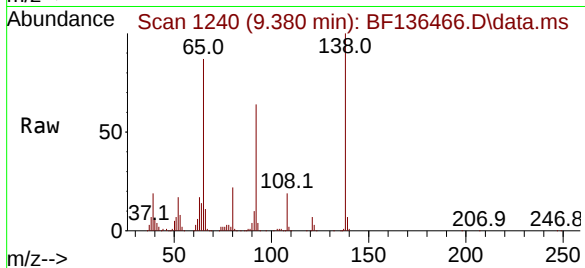




#48
2-Nitroaniline
Concen: 39.758 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

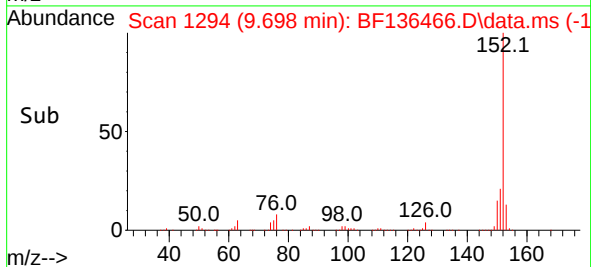
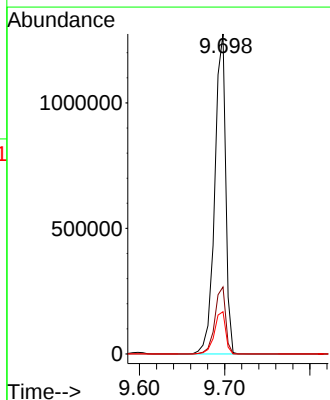
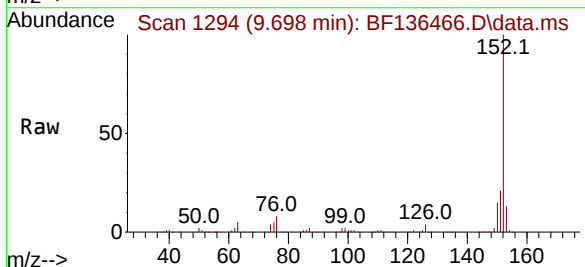
Instrument :
BNA_F
ClientSampleId :
PB157617BS

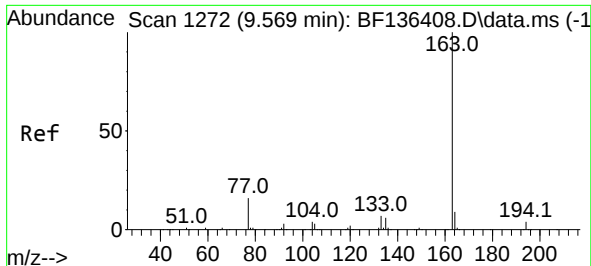
Tgt Ion: 65 Resp: 210274
Ion Ratio Lower Upper
65 100
92 73.1 56.1 84.1
138 114.9 86.7 130.1



#49
Acenaphthylene
Concen: 40.381 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion: 152 Resp: 1134335
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 13.2 10.6 15.8

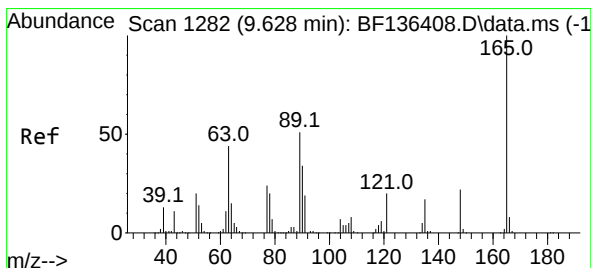
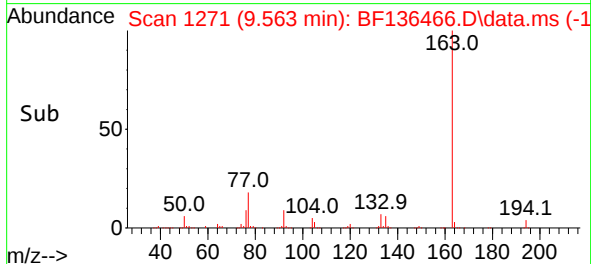
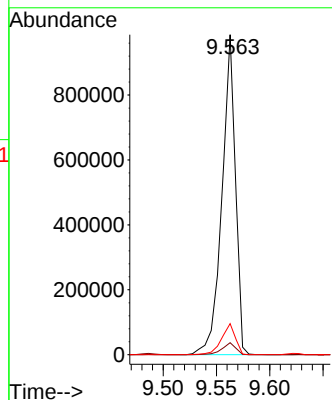
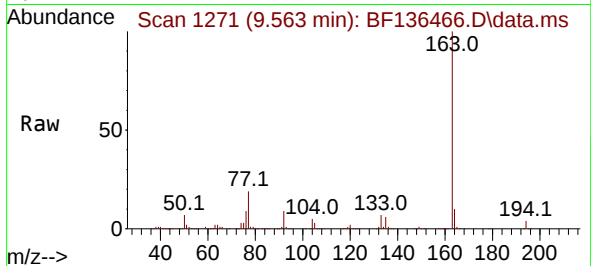




#50
Dimethylphthalate
Concen: 39.388 ng
RT: 9.563 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

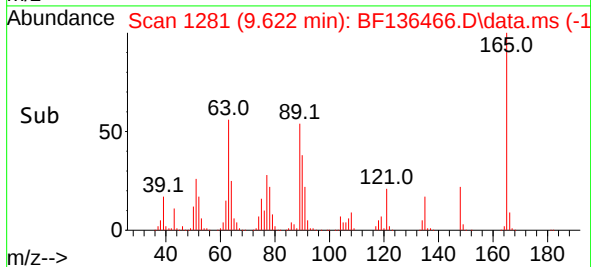
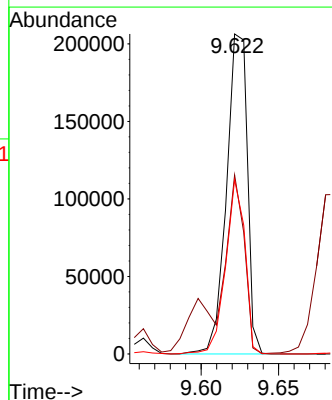
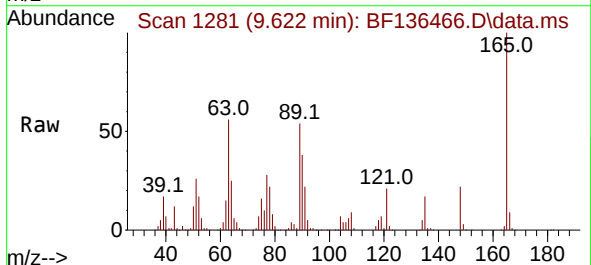
Instrument :
BNA_F
ClientSampleId :
PB157617BS

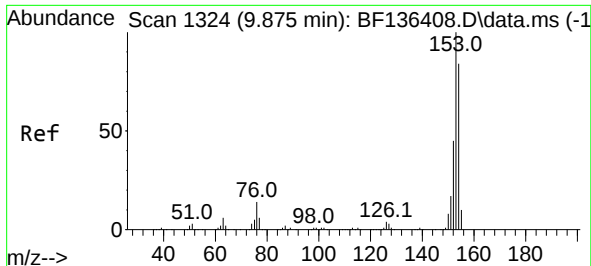
Tgt Ion:163 Resp: 863451
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.7 7.4 11.2



#51
2,6-Dinitrotoluene
Concen: 39.258 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:165 Resp: 193610
Ion Ratio Lower Upper
165 100
63 55.9 40.4 60.6
89 54.4 40.6 60.8

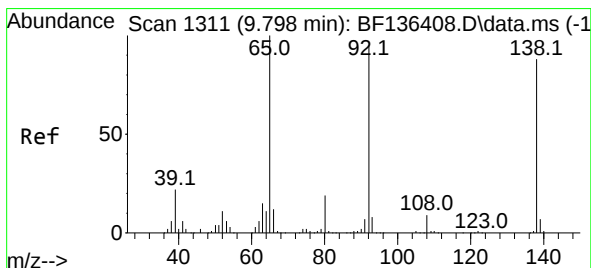
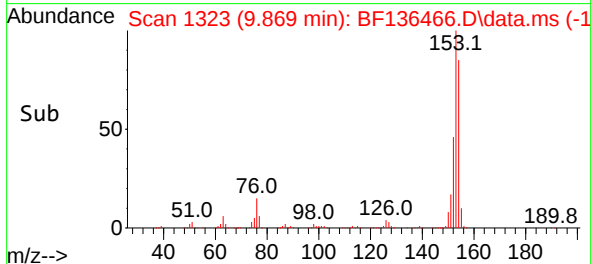
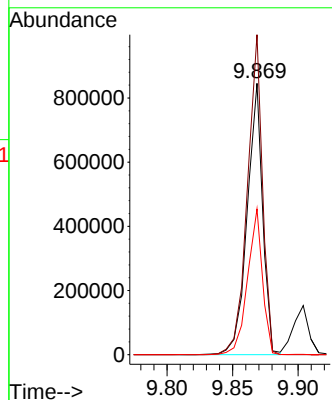
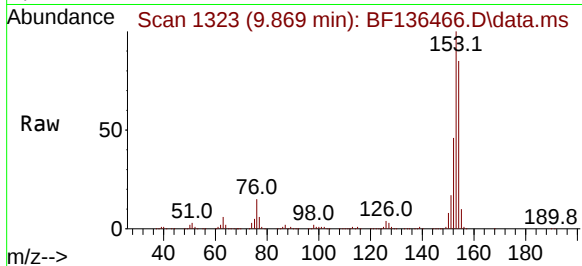




#52
Acenaphthene
Concen: 38.704 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

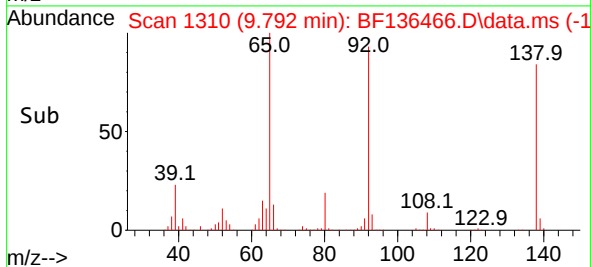
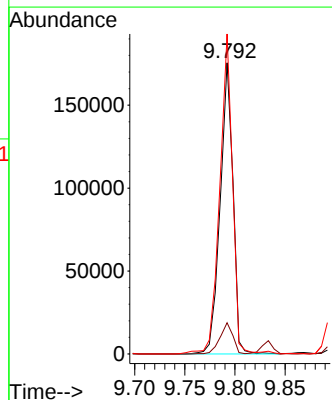
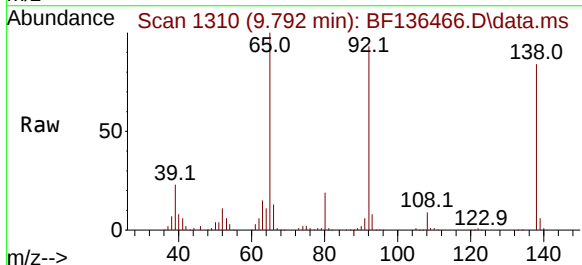
Instrument :
BNA_F
ClientSampleId :
PB157617BS

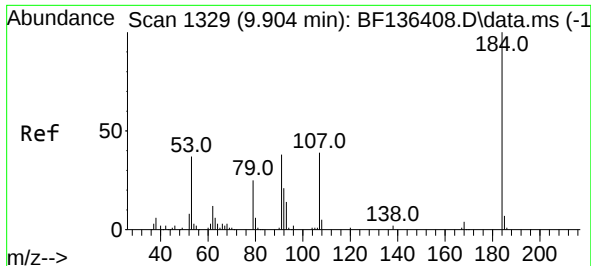
Tgt Ion:154 Resp: 696697
Ion Ratio Lower Upper
154 100
153 117.9 95.3 142.9
152 53.7 43.2 64.8



#53
3-Nitroaniline
Concen: 30.852 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:138 Resp: 155375
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 109.9 86.1 129.1

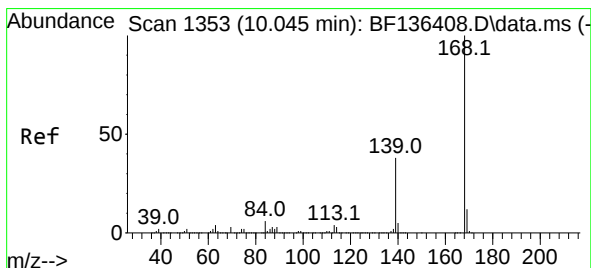
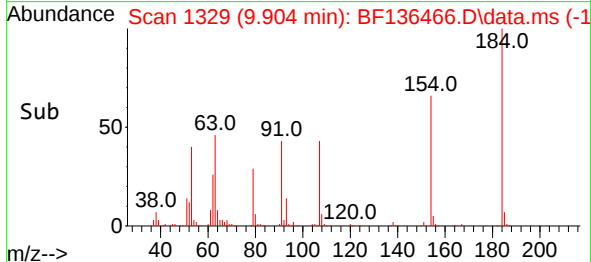
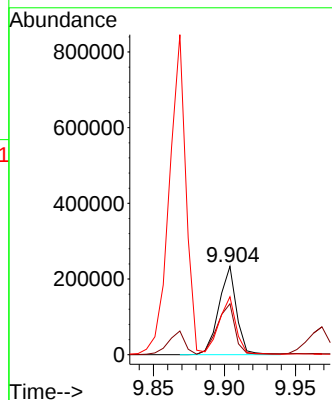
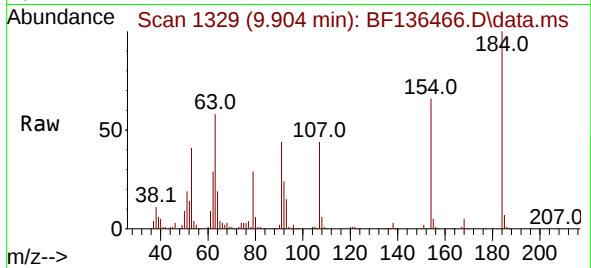




#54
2,4-Dinitrophenol
Concen: 81.185 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

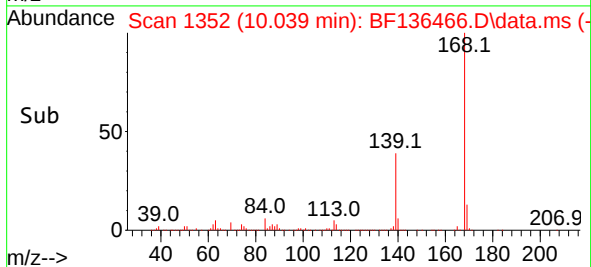
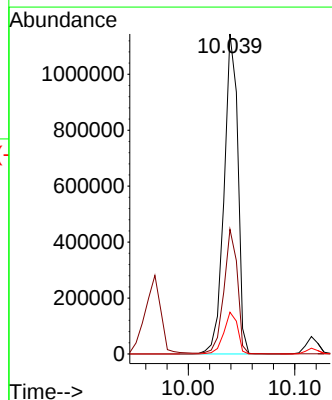
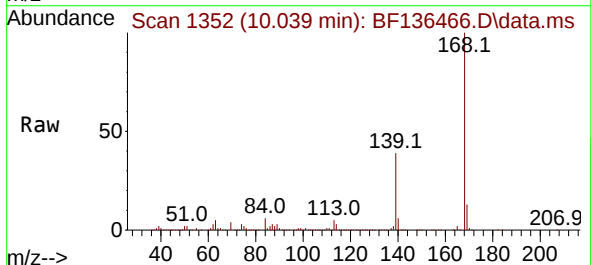
Instrument :
BNA_F
ClientSampleId :
PB157617BS

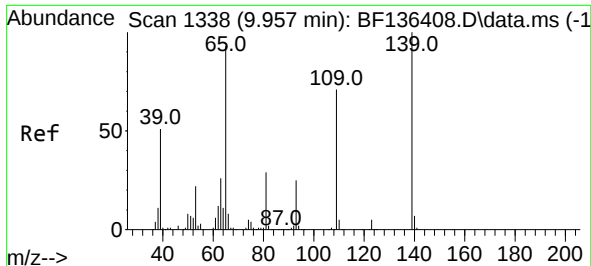
Tgt Ion:184 Resp: 202434
Ion Ratio Lower Upper
184 100
63 57.7 39.1 58.7
154 65.7 49.9 74.9



#55
Dibenzofuran
Concen: 38.922 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:168 Resp: 1023536
Ion Ratio Lower Upper
168 100
139 38.9 30.4 45.6
169 13.1 9.9 14.9

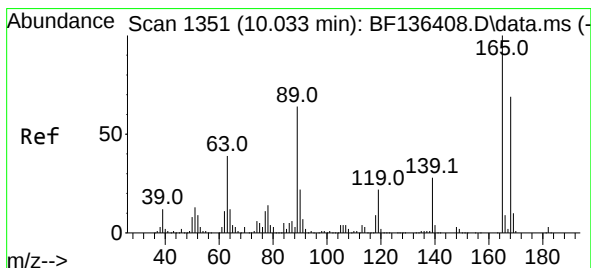
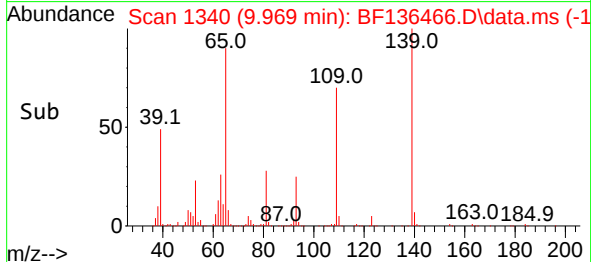
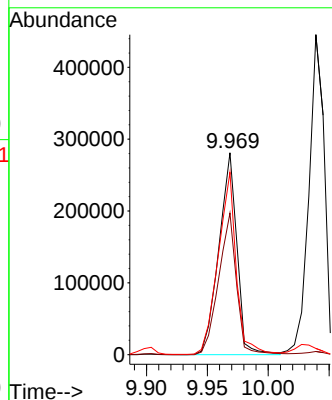
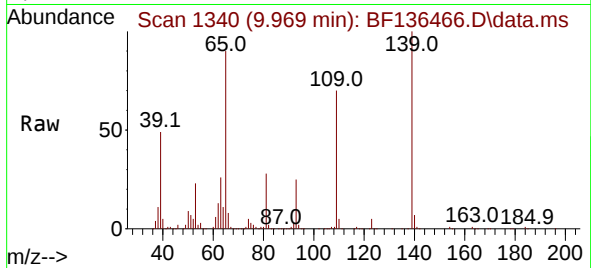




#56
4-Nitrophenol
Concen: 77.154 ng
RT: 9.969 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

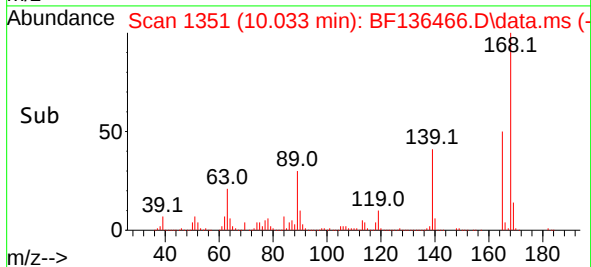
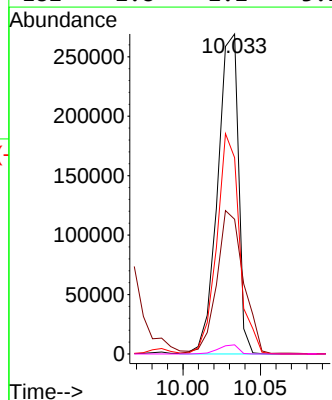
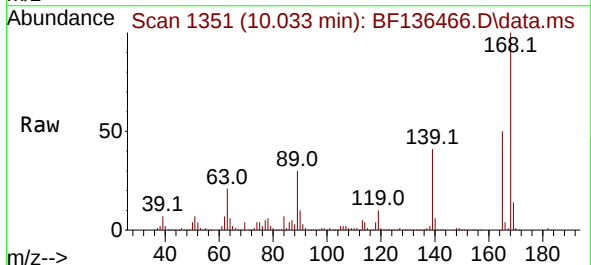
Instrument :
BNA_F
ClientSampleId :
PB157617BS

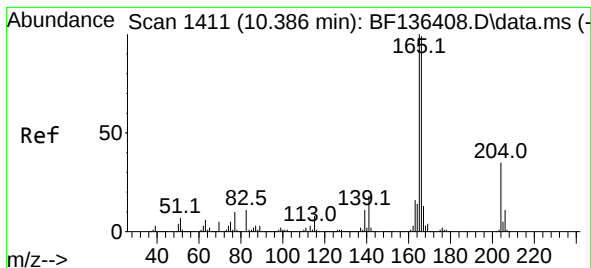
Tgt Ion:139 Resp: 291282
Ion Ratio Lower Upper
139 100
109 70.2 50.6 90.6
65 90.3 73.1 113.1



#57
2,4-Dinitrotoluene
Concen: 38.579 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:165 Resp: 251694
Ion Ratio Lower Upper
165 100
63 42.1 31.4 47.2
89 61.3 51.7 77.5
182 2.8 2.2 3.2





#58

Fluorene

Concen: 37.922 ng

RT: 10.386 min Scan# 1411

Delta R.T. -0.000 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

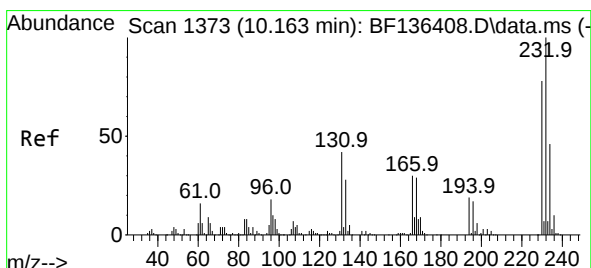
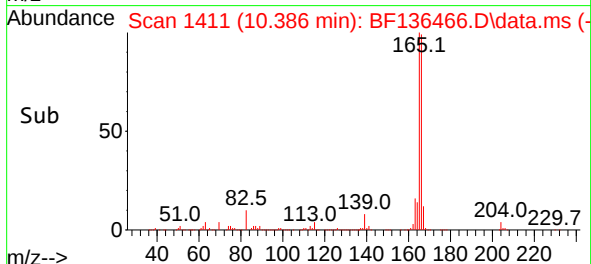
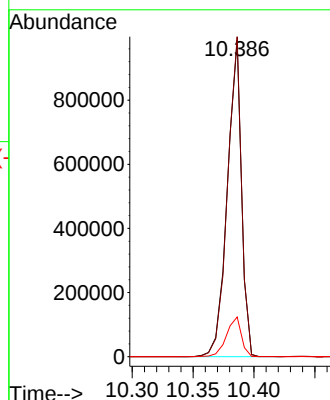
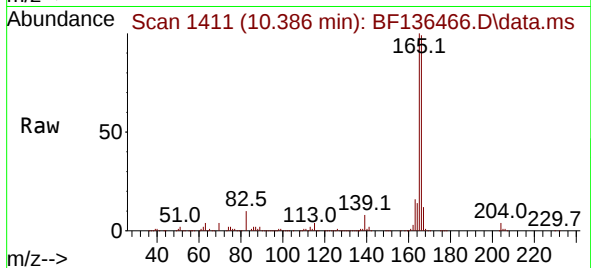
Tgt Ion:166 Resp: 800512

Ion Ratio Lower Upper

166 100

165 101.1 80.5 120.7

167 12.5 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 41.543 ng

RT: 10.163 min Scan# 1373

Delta R.T. -0.000 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Tgt Ion:232 Resp: 224020

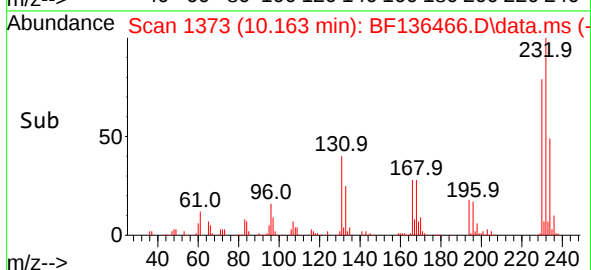
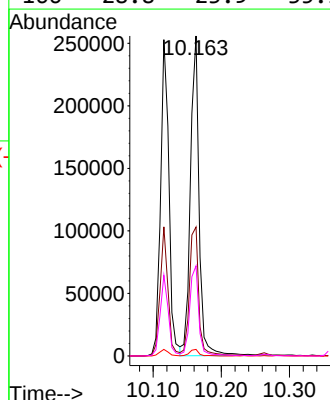
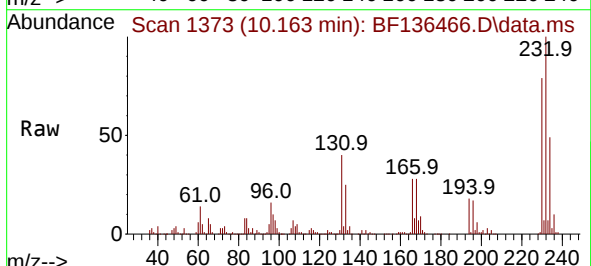
Ion Ratio Lower Upper

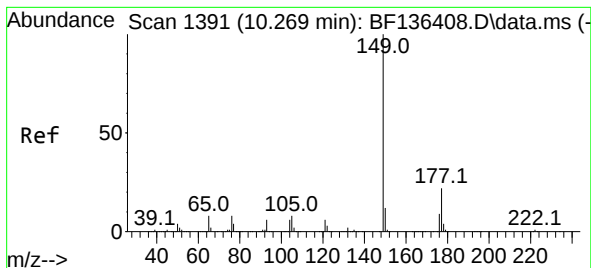
232 100

131 42.8 34.3 51.5

130 2.2 1.6 2.4

166 28.8 23.9 35.9

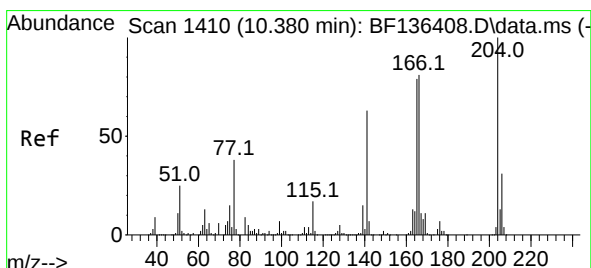
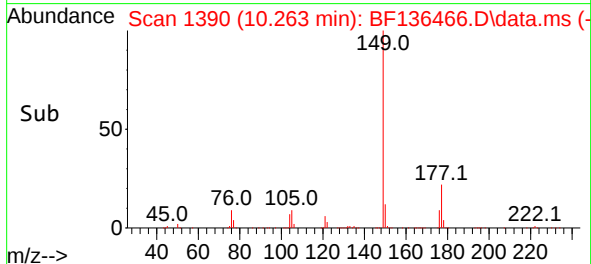
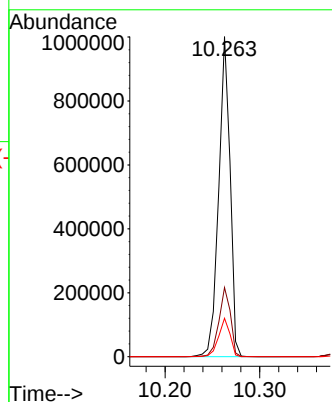
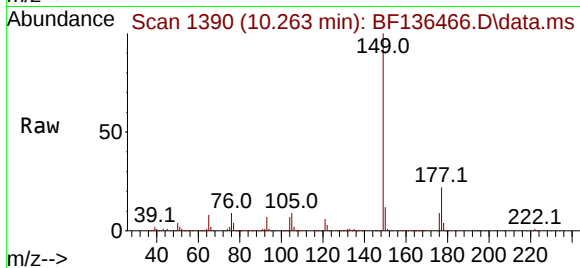




#60
Diethylphthalate
Concen: 38.847 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

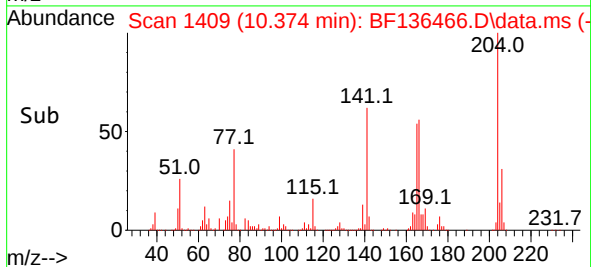
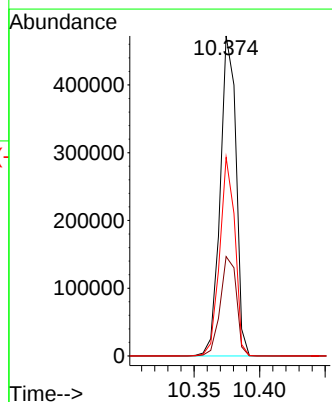
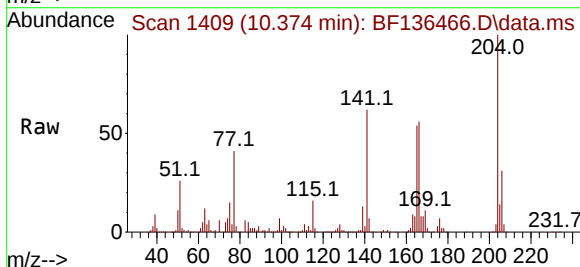
Instrument :
BNA_F
ClientSampleId :
PB157617BS

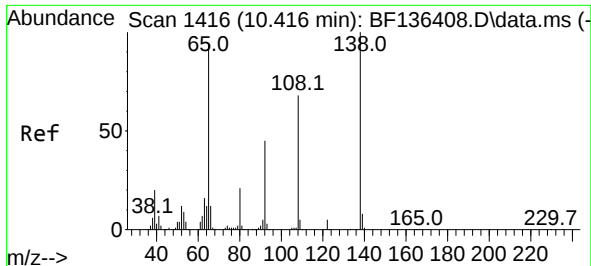
Tgt Ion:149 Resp: 837404
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.0 9.4 14.0



#61
4-Chlorophenyl-phenylether
Concen: 38.422 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:204 Resp: 395384
Ion Ratio Lower Upper
204 100
206 31.1 24.6 36.8
141 62.0 50.3 75.5

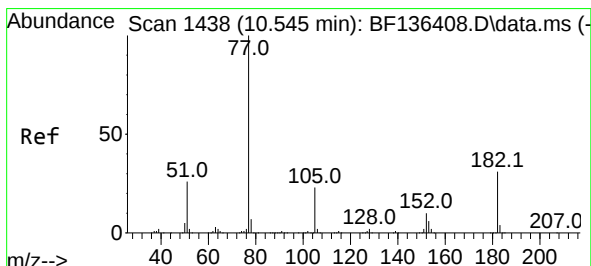
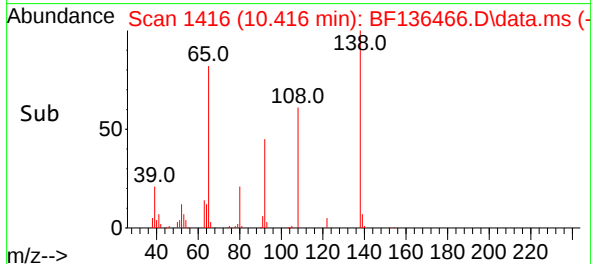
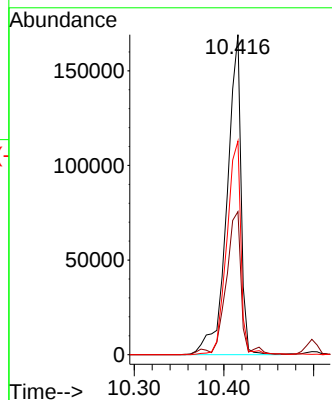
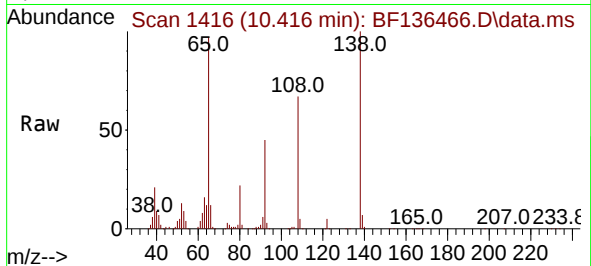




#62
4-Nitroaniline
Concen: 36.750 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

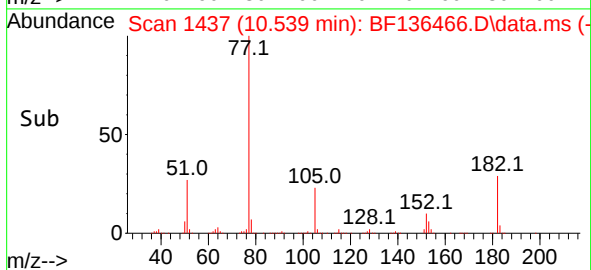
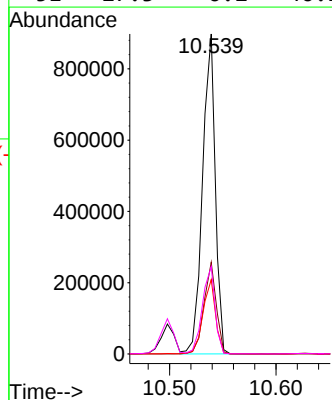
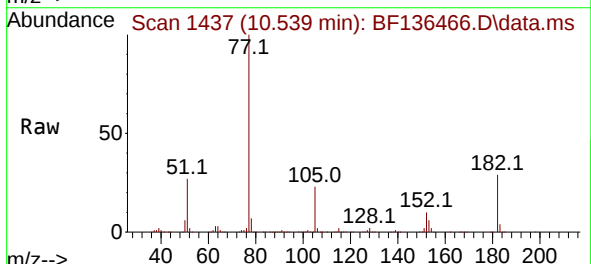
Instrument :
BNA_F
ClientSampleId :
PB157617BS

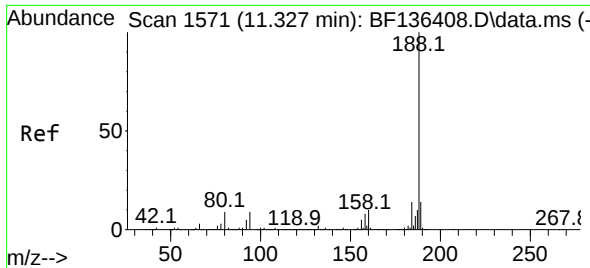
Tgt Ion:138 Resp: 183774
Ion Ratio Lower Upper
138 100
92 44.7 25.0 65.0
108 66.7 47.9 87.9



#63
Azobenzene
Concen: 38.106 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion: 77 Resp: 747667
Ion Ratio Lower Upper
77 100
182 28.7 10.8 50.8
105 23.2 2.6 42.6
51 27.3 6.2 46.2

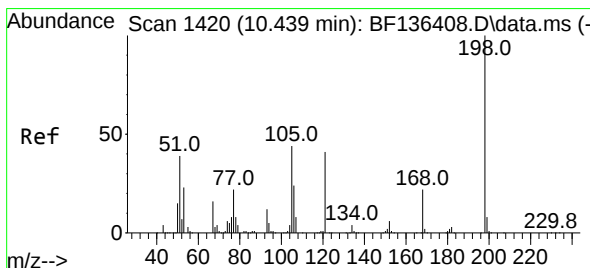
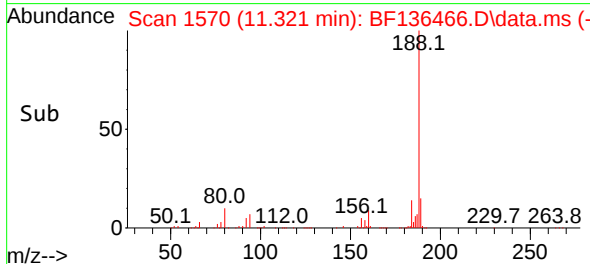
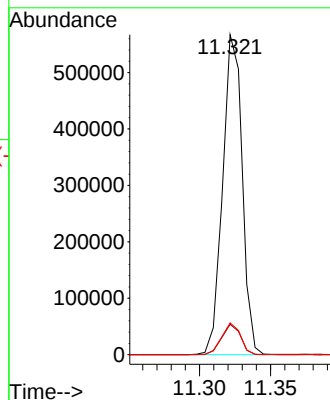
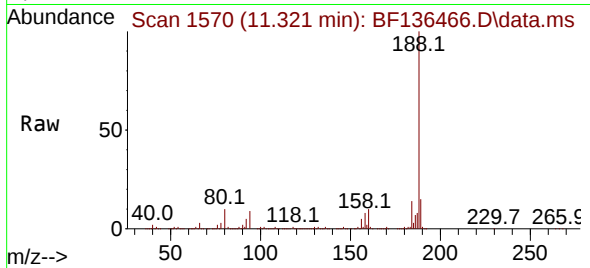




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

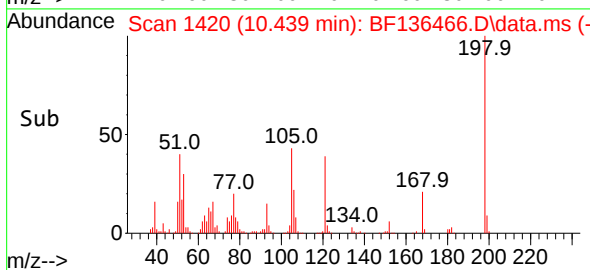
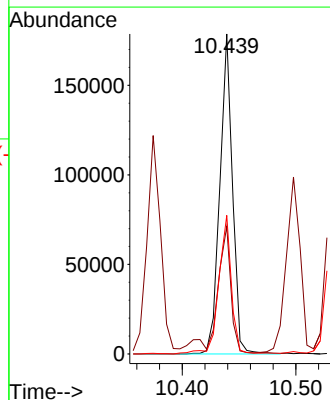
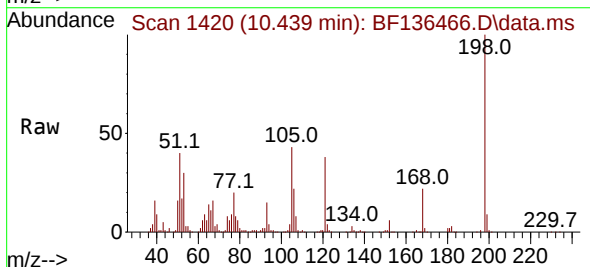
Instrument :
BNA_F
ClientSampleId :
PB157617BS

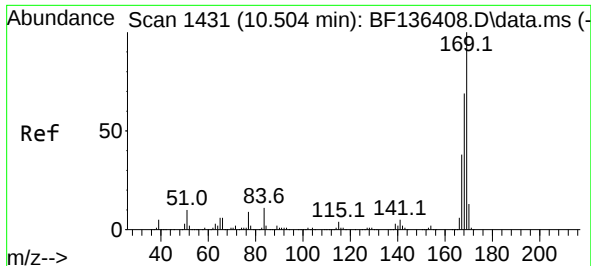
Tgt Ion:188 Resp: 541028
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.0 7.2 10.8



#65
4,6-Dinitro-2-methylphenol
Concen: 41.374 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:198 Resp: 138631
Ion Ratio Lower Upper
198 100
51 39.9 24.1 64.1
105 43.3 24.8 64.8

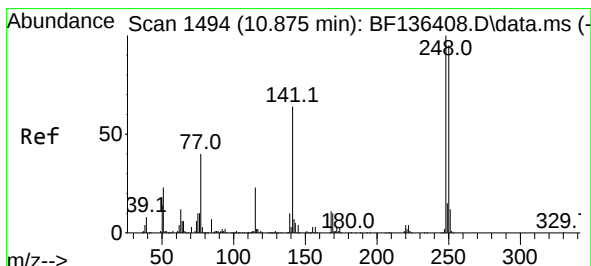
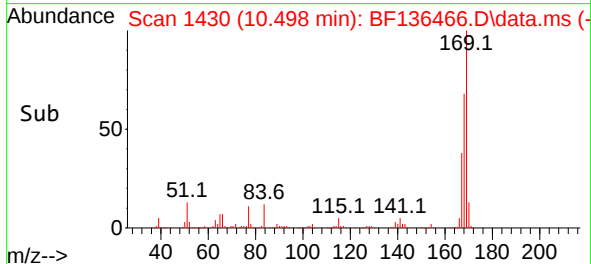
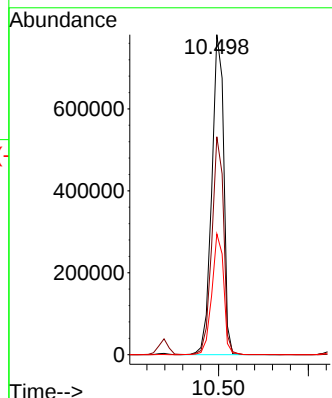
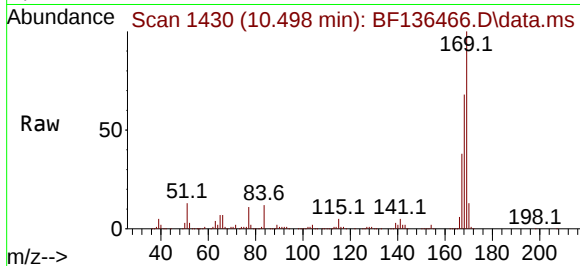




#66
n-Nitrosodiphenylamine
Concen: 41.558 ng
RT: 10.498 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

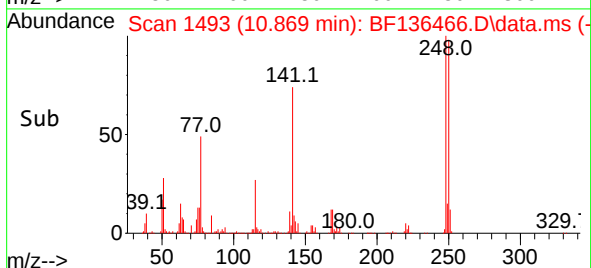
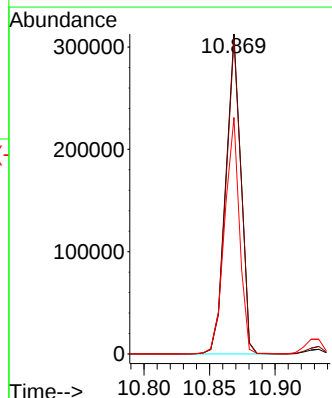
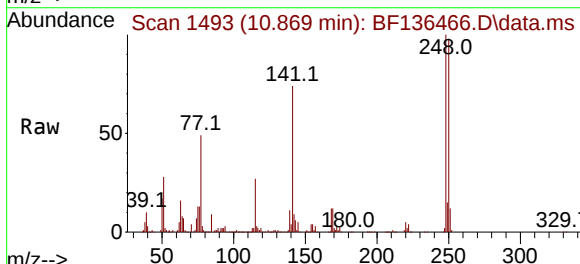
Instrument :
BNA_F
ClientSampleId :
PB157617BS

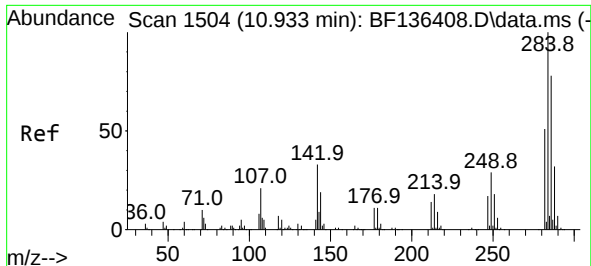
Tgt Ion:169 Resp: 721464
Ion Ratio Lower Upper
169 100
168 68.1 55.3 82.9
167 37.8 30.1 45.1



#67
4-Bromophenyl-phenylether
Concen: 39.924 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:248 Resp: 251136
Ion Ratio Lower Upper
248 100
250 98.3 76.2 114.2
141 73.9 51.0 76.4

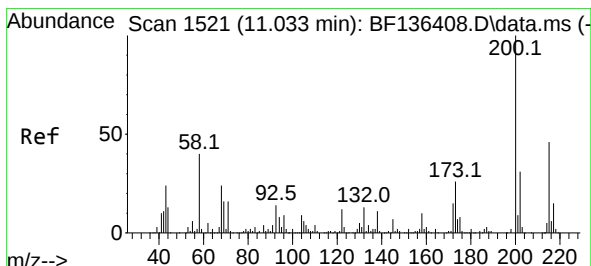
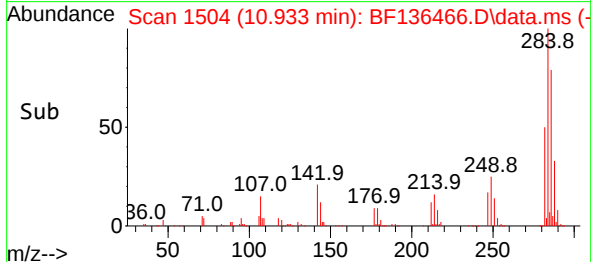
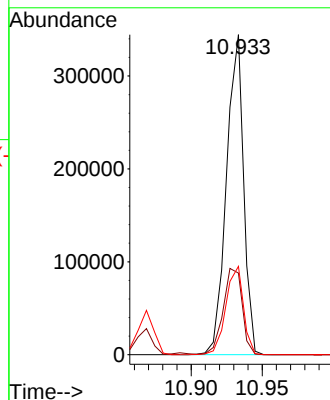
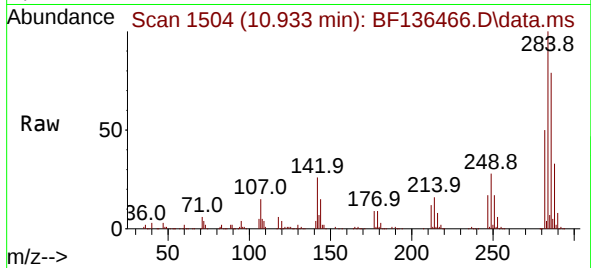




#68
Hexachlorobenzene
Concen: 39.696 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

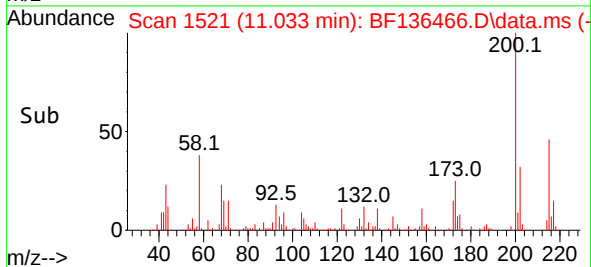
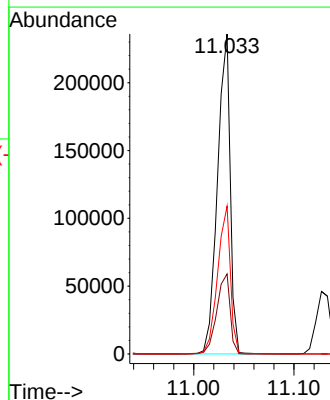
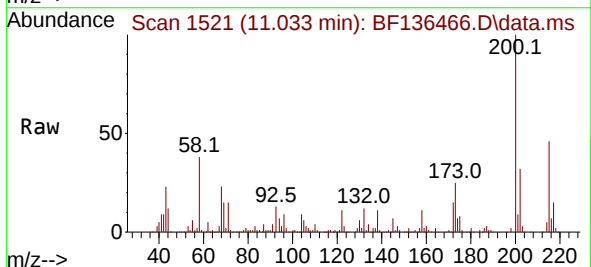
Instrument :
BNA_F
ClientSampleId :
PB157617BS

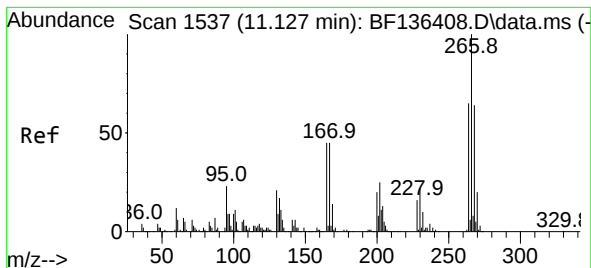
Tgt Ion:284 Resp: 288601
Ion Ratio Lower Upper
284 100
142 25.5 26.5 39.7#
249 27.6 23.4 35.0



#69
Atrazine
Concen: 41.880 ng
RT: 11.033 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:200 Resp: 207512
Ion Ratio Lower Upper
200 100
173 25.0 6.0 46.0
215 46.2 25.5 65.5





#70

Pentachlorophenol

Concen: 63.784 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

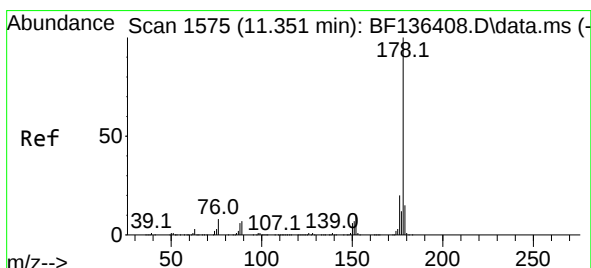
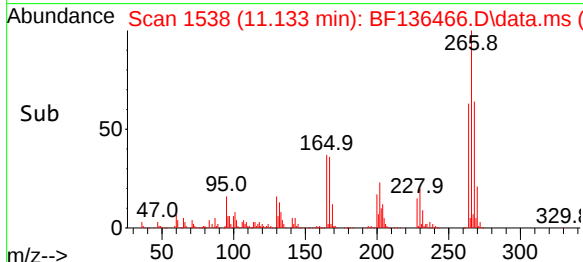
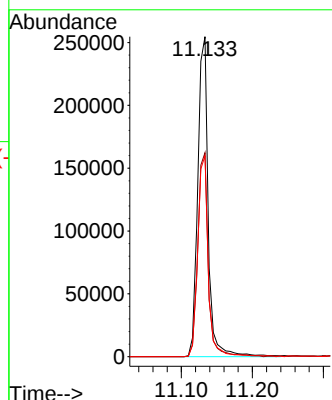
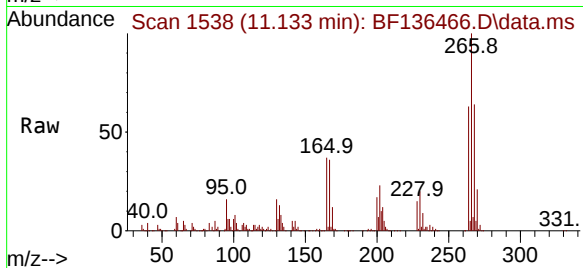
Tgt Ion:266 Resp: 261715

Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.8 52.2 78.4



#71

Phenanthrene

Concen: 40.348 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

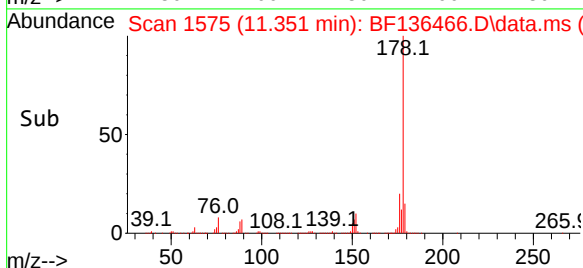
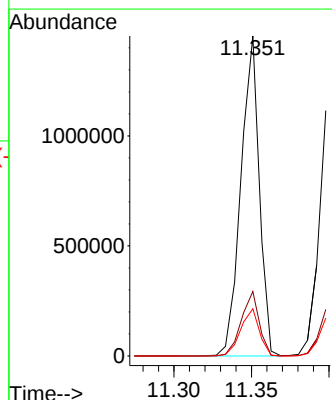
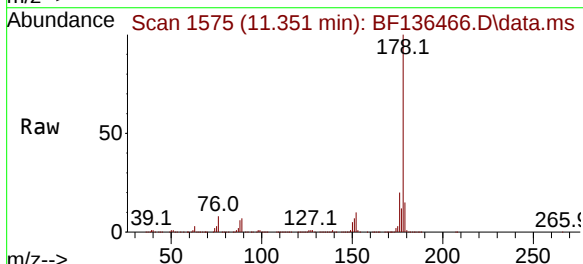
Tgt Ion:178 Resp: 1199827

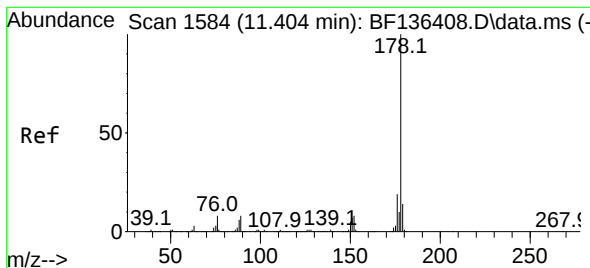
Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 14.8 11.8 17.6





#72

Anthracene

Concen: 40.336 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

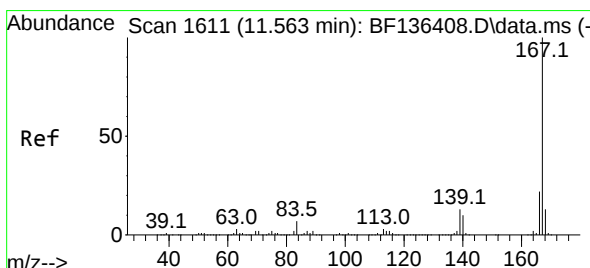
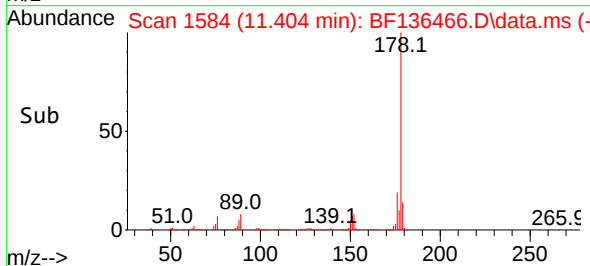
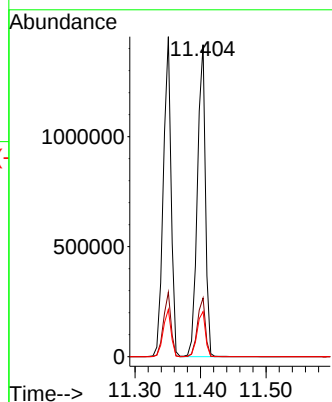
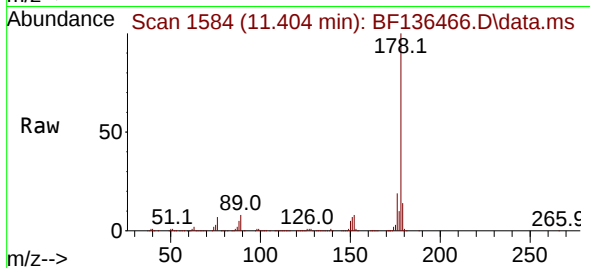
Tgt Ion:178 Resp: 1208134

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 14.5 11.4 17.0



#73

Carbazole

Concen: 38.364 ng

RT: 11.557 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

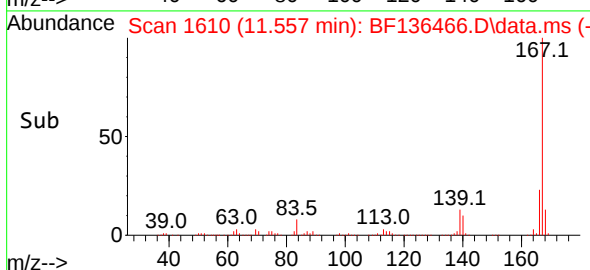
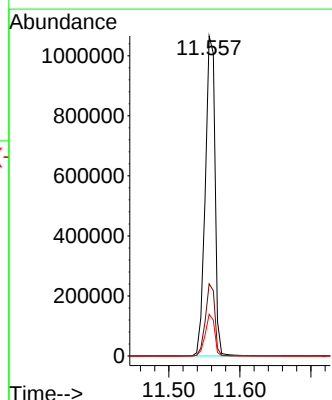
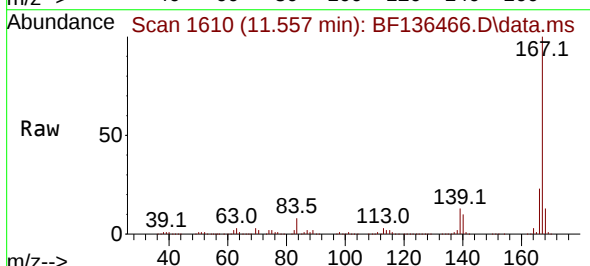
Tgt Ion:167 Resp: 1017014

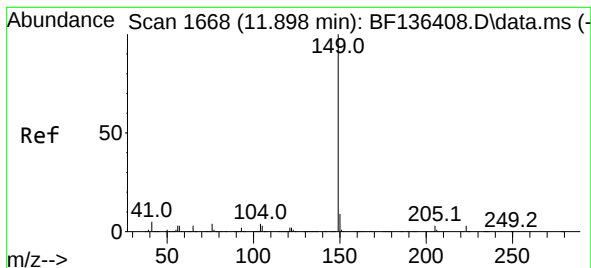
Ion Ratio Lower Upper

167 100

166 22.5 18.0 27.0

139 13.1 10.2 15.4





#74

Di-n-butylphthalate

Concen: 39.148 ng

RT: 11.892 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

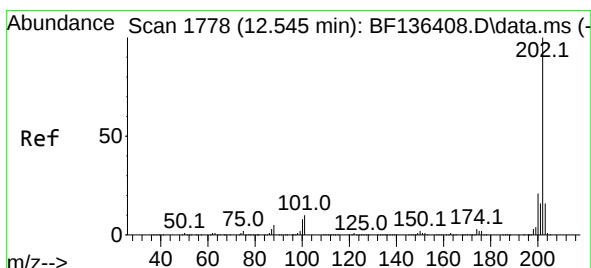
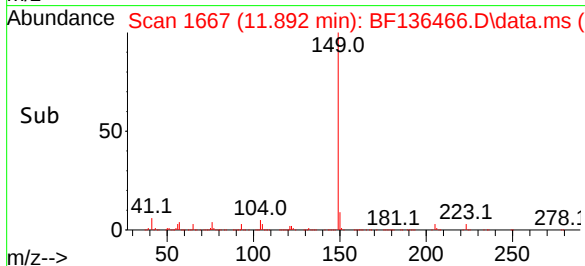
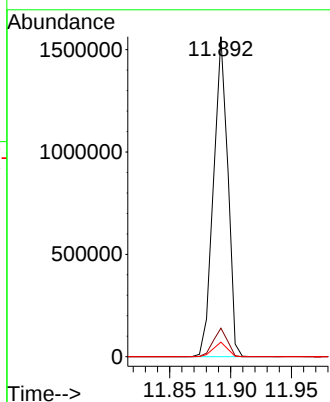
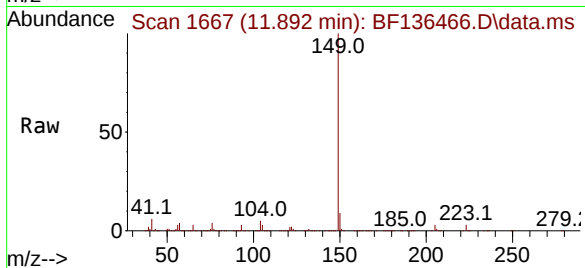
Tgt Ion:149 Resp: 1272236

Ion Ratio Lower Upper

149 100

150 8.9 6.9 10.3

104 4.5 3.5 5.3



#75

Fluoranthene

Concen: 36.372 ng

RT: 12.545 min Scan# 1778

Delta R.T. -0.000 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

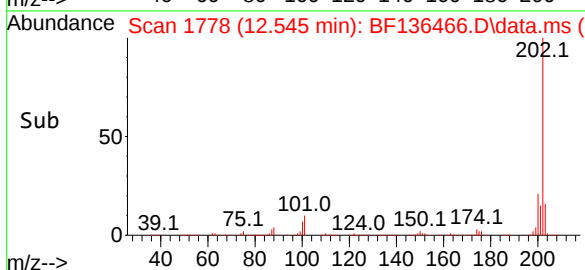
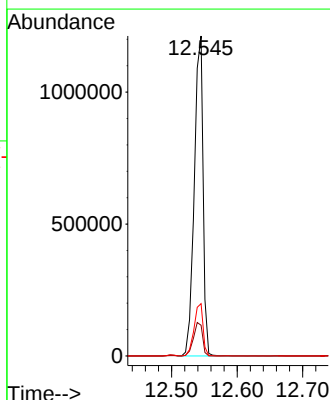
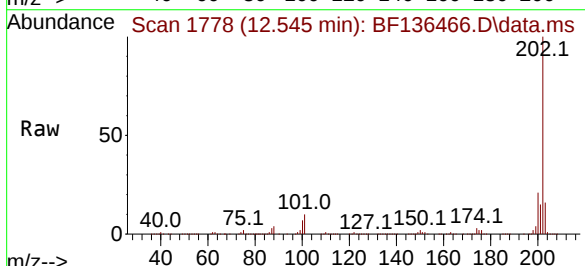
Tgt Ion:202 Resp: 1133467

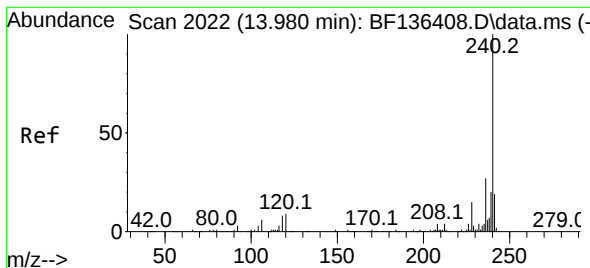
Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.9

203 16.3 0.0 36.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

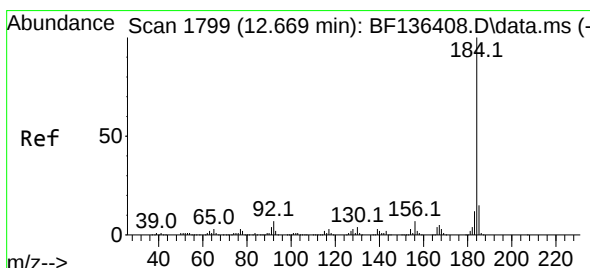
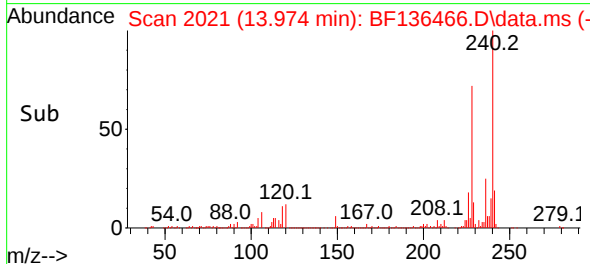
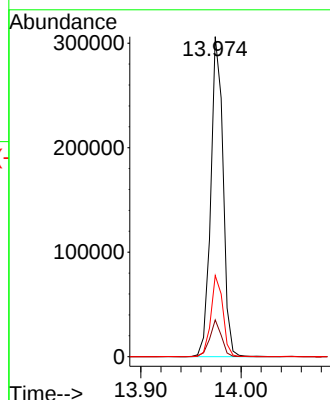
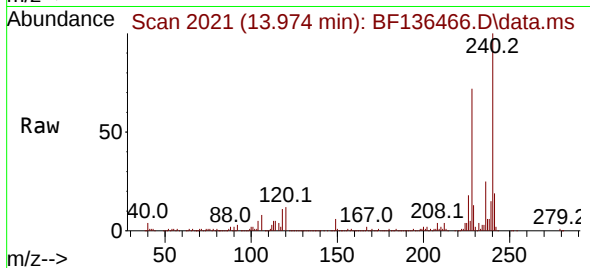
Tgt Ion:240 Resp: 261881

Ion Ratio Lower Upper

240 100

120 11.5 7.3 10.9#

236 25.3 21.3 31.9



#77

Benzdine

Concen: 19.320 ng

RT: 12.663 min Scan# 1798

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

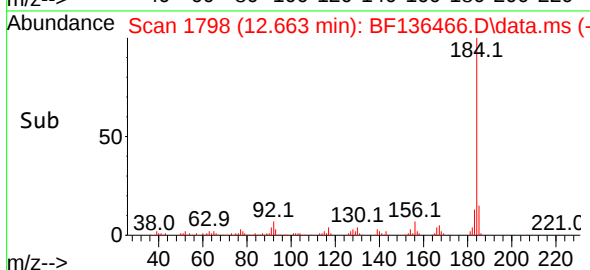
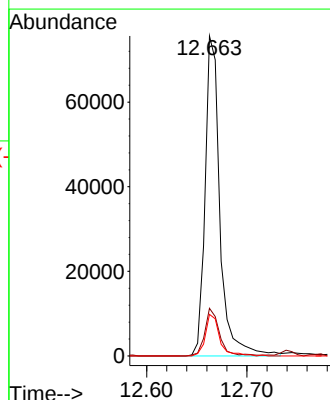
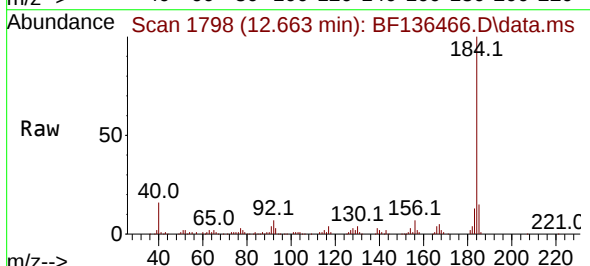
Tgt Ion:184 Resp: 78250

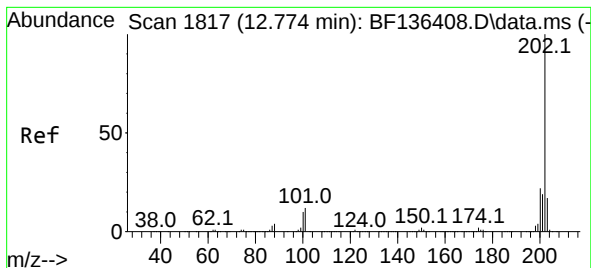
Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

183 13.0 9.4 14.0





#78

Pyrene

Concen: 43.718 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

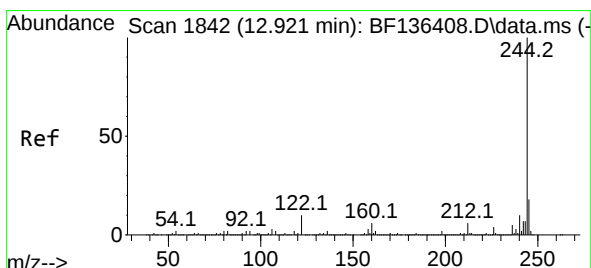
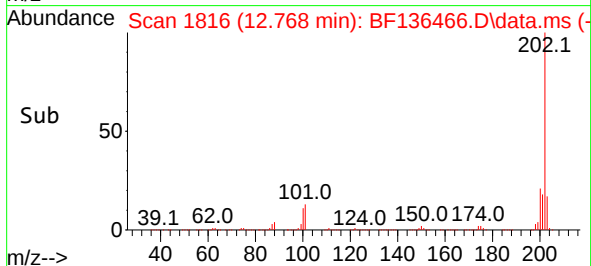
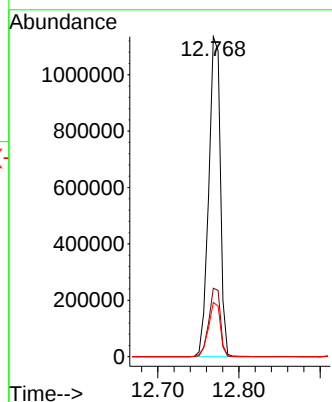
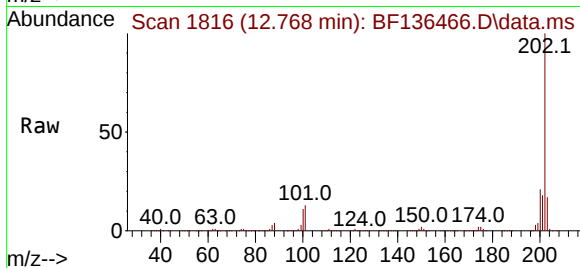
Tgt Ion:202 Resp: 1121274

Ion Ratio Lower Upper

202 100

200 21.4 18.0 27.0

203 17.0 13.5 20.3



#79

Terphenyl-d14

Concen: 81.702 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

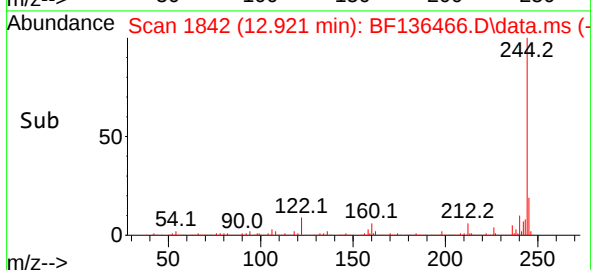
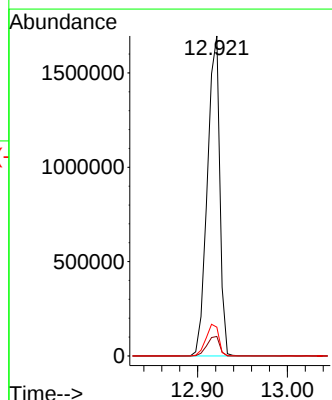
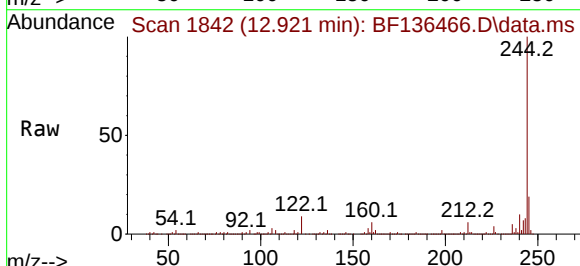
Tgt Ion:244 Resp: 1623332

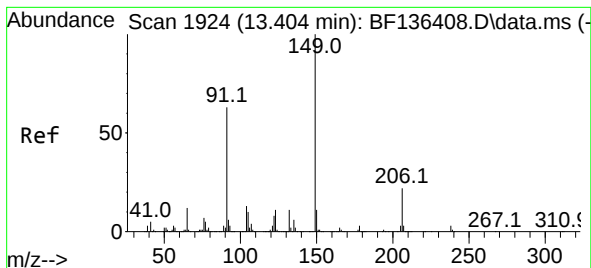
Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 9.0 8.3 12.5





#80

Butylbenzylphthalate

Concen: 42.736 ng

RT: 13.398 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

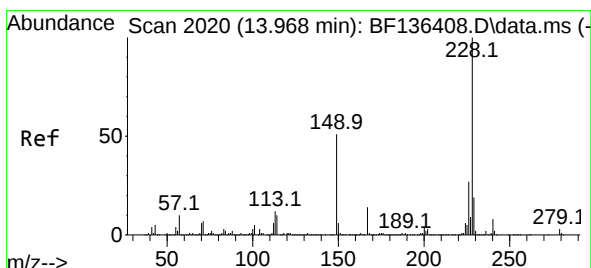
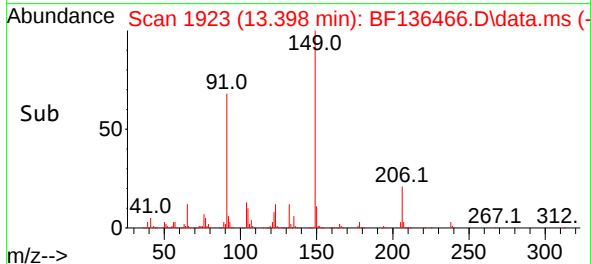
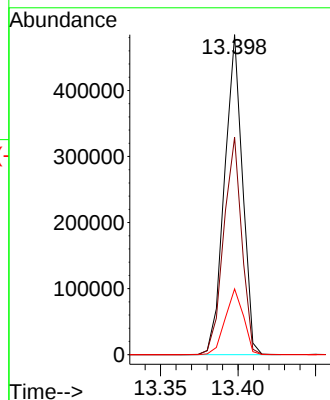
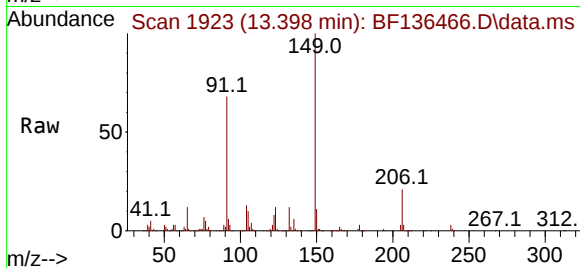
Tgt Ion:149 Resp: 390181

Ion Ratio Lower Upper

149 100

91 68.0 50.5 75.7

206 20.6 17.4 26.2



#81

Benzo(a)anthracene

Concen: 41.371 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

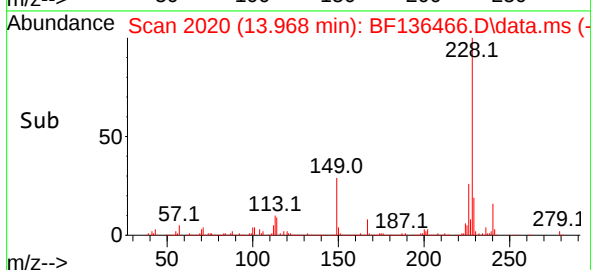
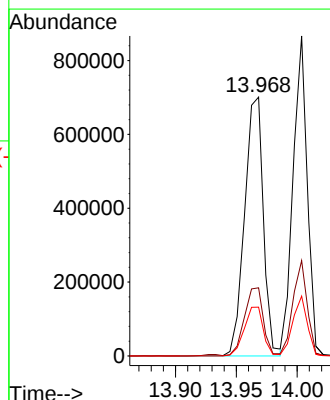
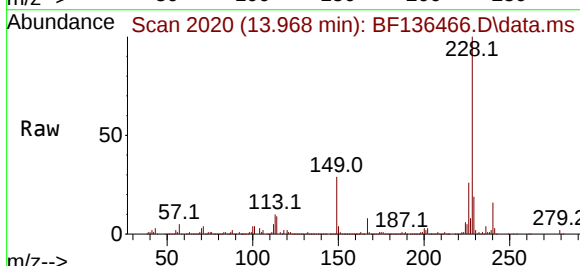
Tgt Ion:228 Resp: 754674

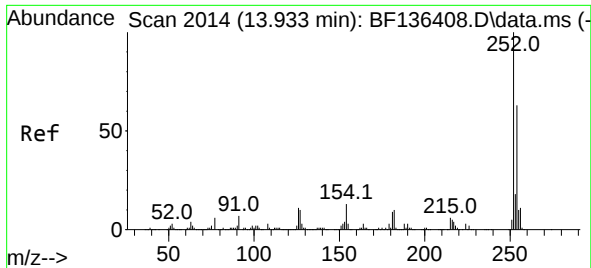
Ion Ratio Lower Upper

228 100

226 26.4 21.8 32.8

229 18.9 15.0 22.4

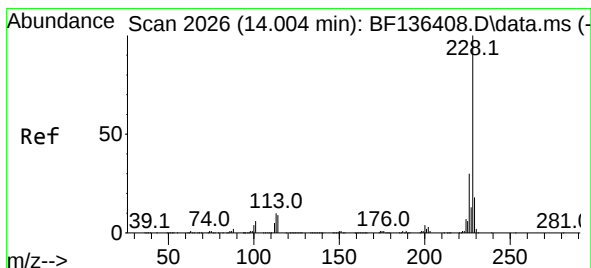
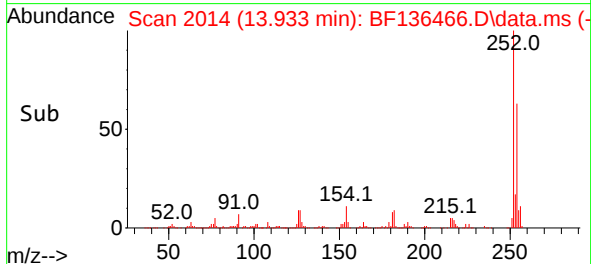
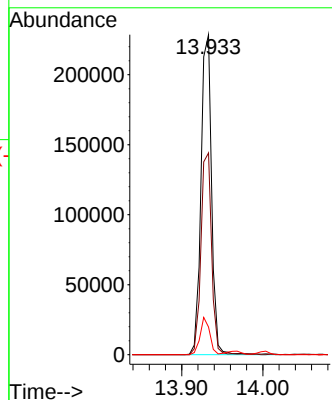
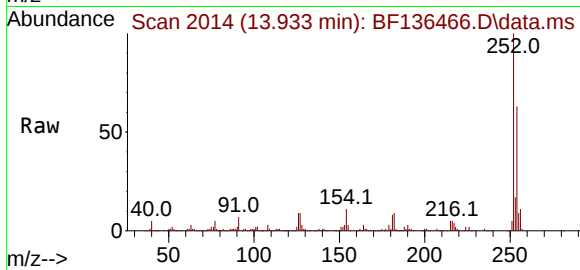




#82
3,3'-Dichlorobenzidine
Concen: 40.600 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

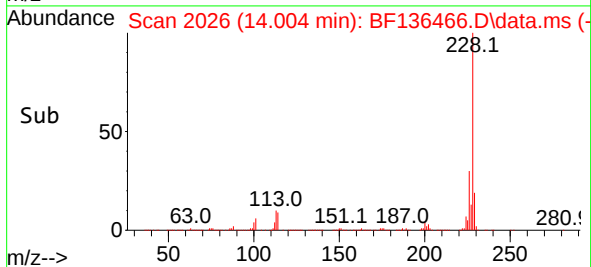
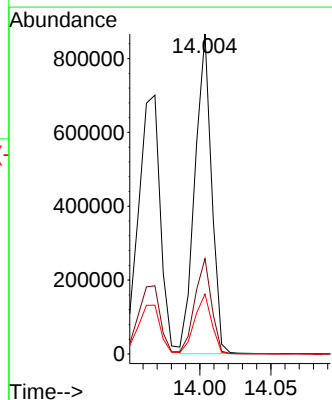
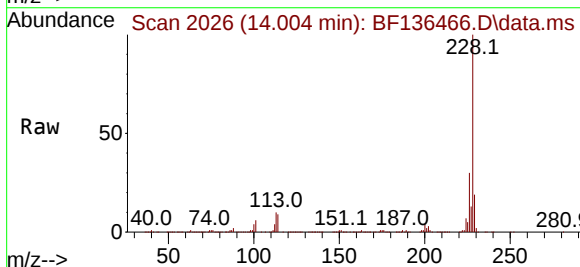
Instrument :
BNA_F
ClientSampleId :
PB157617BS

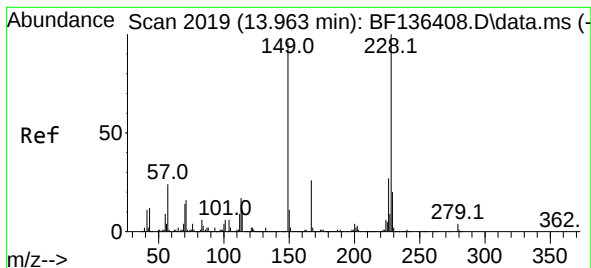
Tgt Ion:252 Resp: 207652
Ion Ratio Lower Upper
252 100
254 63.1 50.8 76.2
126 8.6 8.6 12.8



#83
Chrysene
Concen: 39.175 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:228 Resp: 703084
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 18.7 14.8 22.2

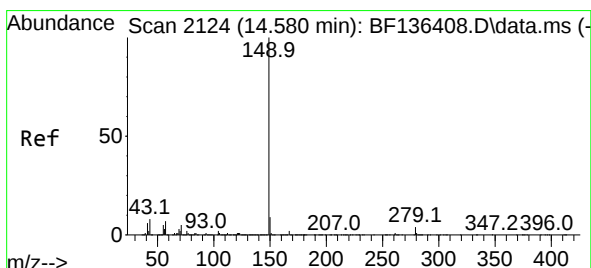
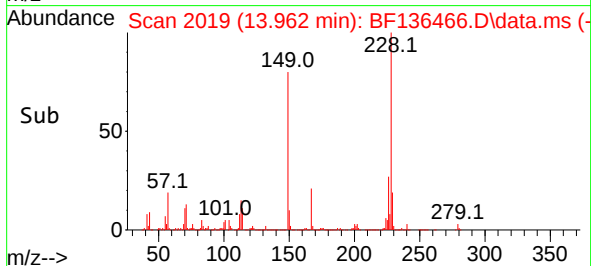
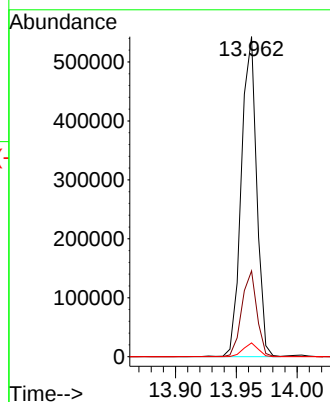
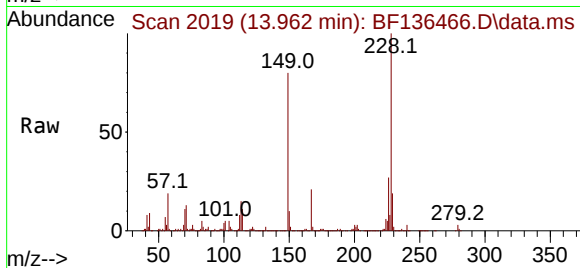




#84
Bis(2-ethylhexyl)phthalate
Concen: 42.669 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

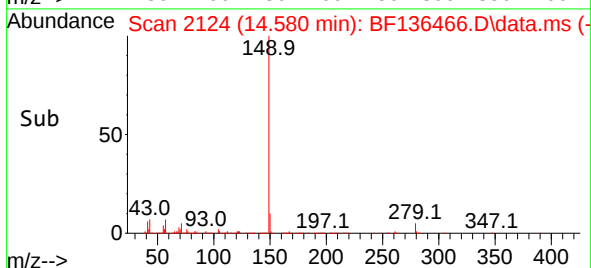
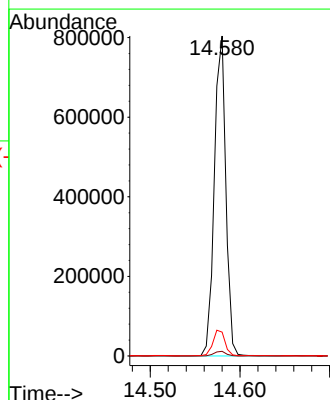
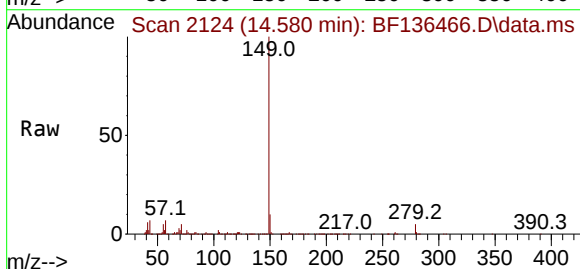
Instrument :
BNA_F
ClientSampleId :
PB157617BS

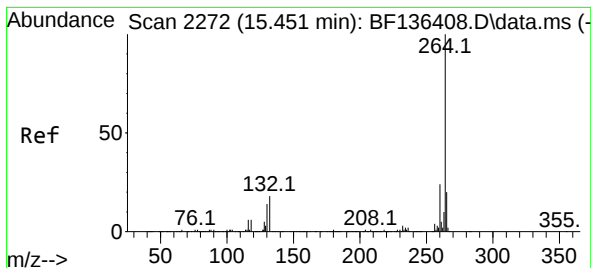
Tgt Ion:149 Resp: 477577
Ion Ratio Lower Upper
149 100
167 26.8 21.2 31.8
279 4.3 3.1 4.7



#85
Di-n-octyl phthalate
Concen: 43.363 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:149 Resp: 716912
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 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: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

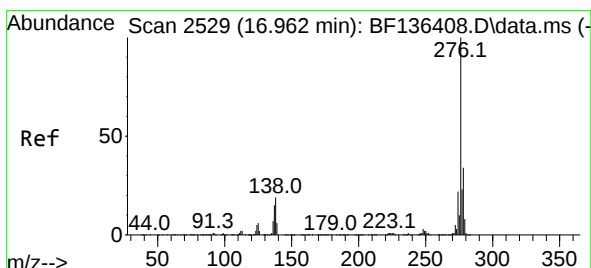
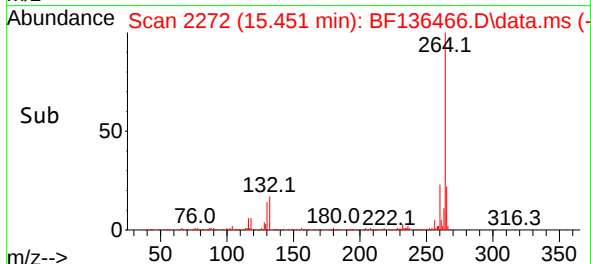
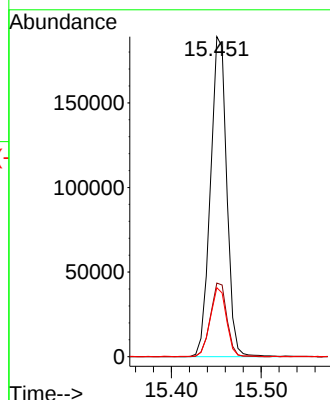
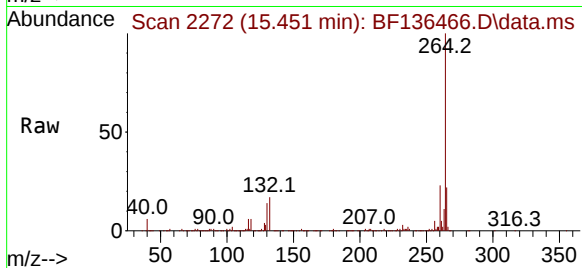
Tgt Ion:264 Resp: 238195

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.5 15.9 23.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 51.605 ng

RT: 16.962 min Scan# 2529

Delta R.T. -0.000 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

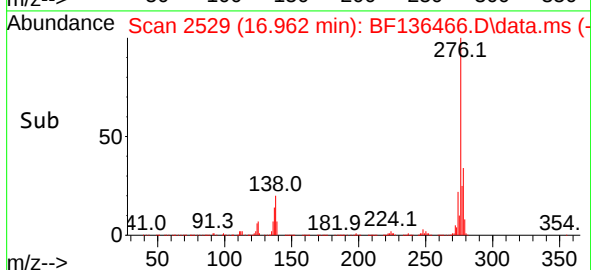
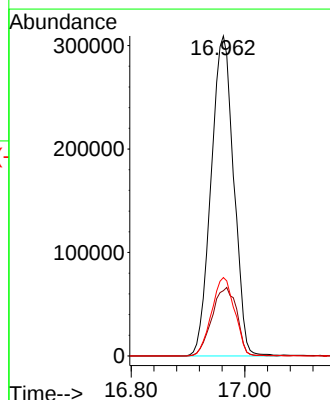
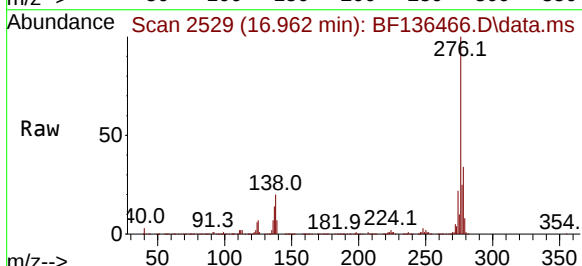
Tgt Ion:276 Resp: 853953

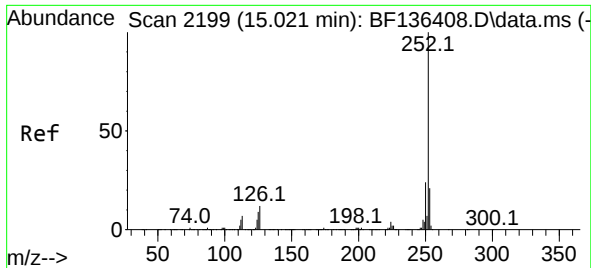
Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.4

277 25.1 20.0 30.0

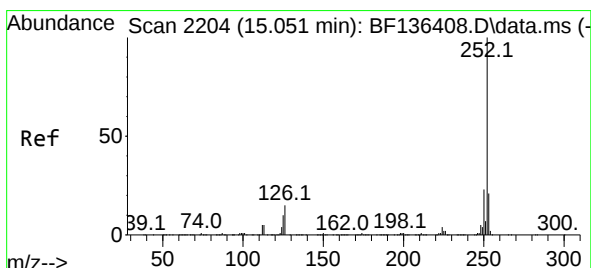
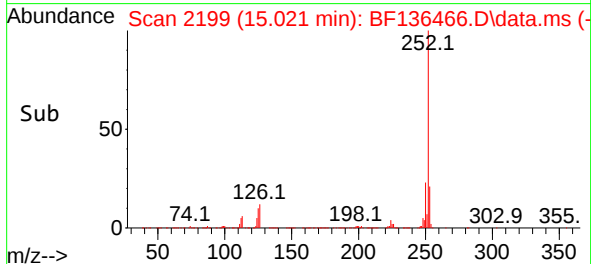
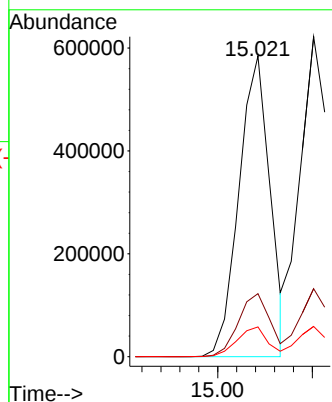
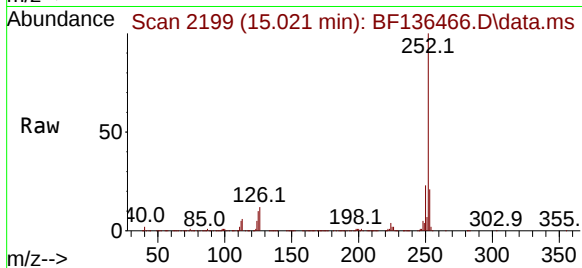




#88
Benzo(b)fluoranthene
Concen: 40.878 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

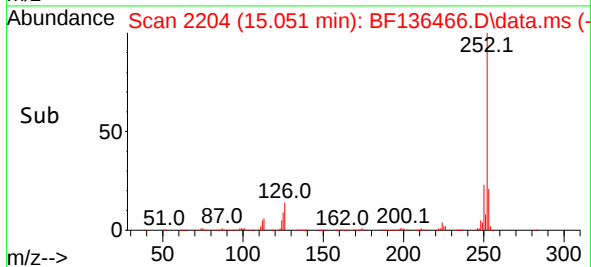
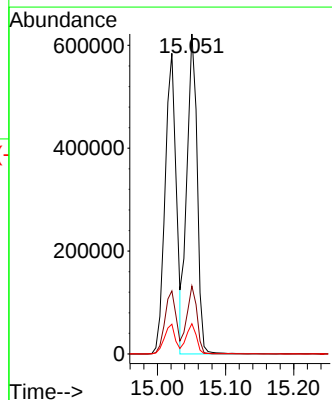
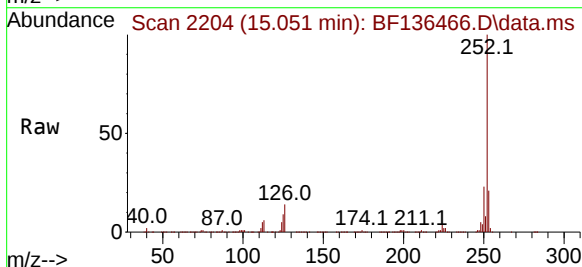
Instrument :
BNA_F
ClientSampleId :
PB157617BS

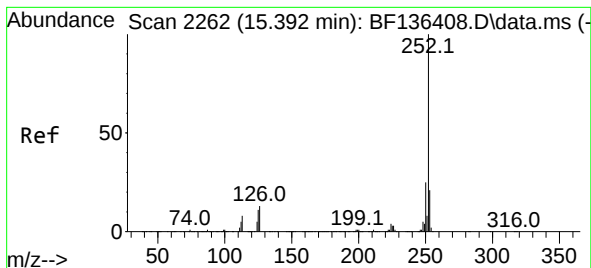
Tgt Ion:252 Resp: 665732
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 9.9 7.4 11.2



#89
Benzo(k)fluoranthene
Concen: 42.246 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:252 Resp: 648391
Ion Ratio Lower Upper
252 100
253 21.3 16.9 25.3
125 9.5 7.5 11.3





#90

Benzo(a)pyrene

Concen: 44.138 ng

RT: 15.392 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

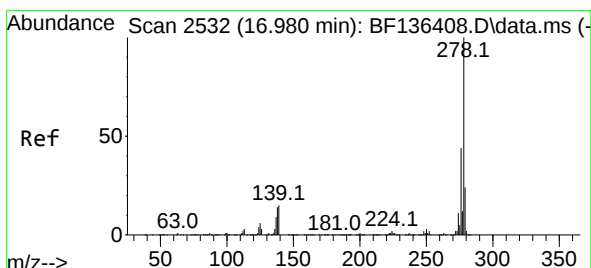
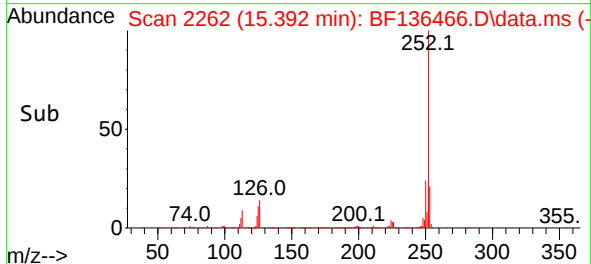
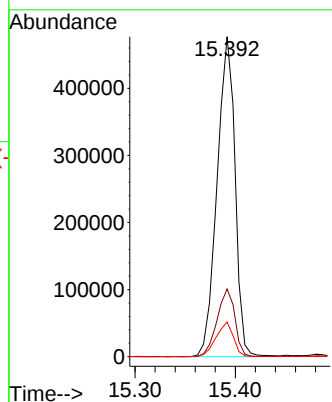
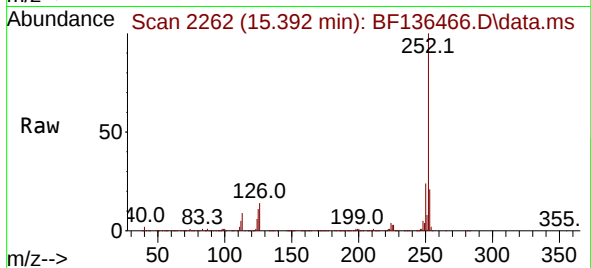
Tgt Ion:252 Resp: 593646

Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.4

125 10.8 8.6 13.0



#91

Dibenzo(a,h)anthracene

Concen: 52.848 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

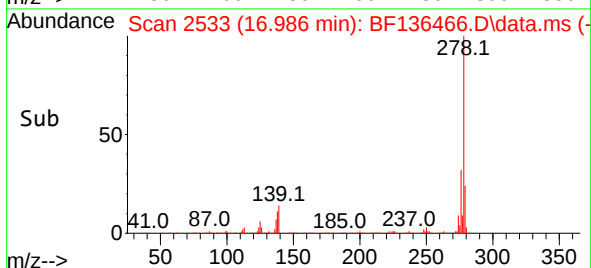
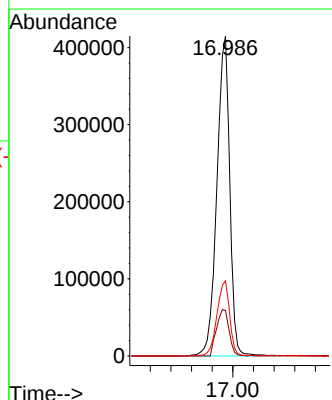
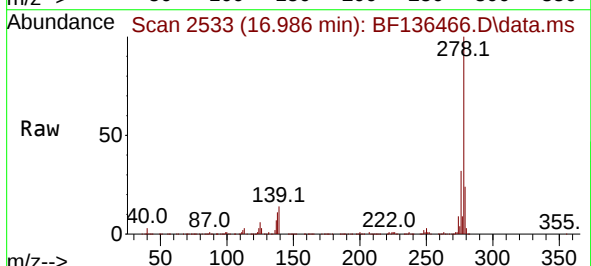
Tgt Ion:278 Resp: 716449

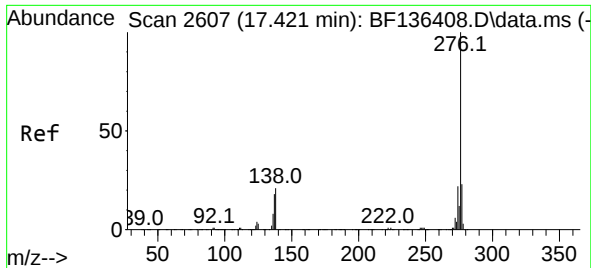
Ion Ratio Lower Upper

278 100

139 14.2 12.2 18.4

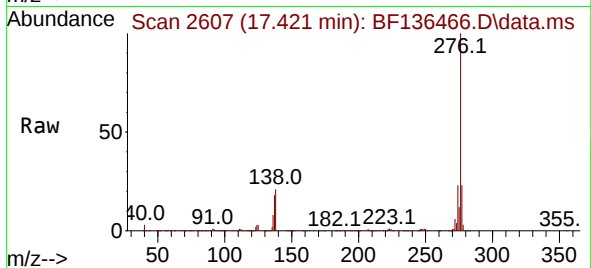
279 23.5 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 50.868 ng
 RT: 17.421 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF136466.D
 Acq: 08 Dec 2023 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB157617BS



Tgt Ion:276 Resp: 707815
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.7 28.1
 138 21.3 16.6 25.0

