

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136713.D
 Acq On : 26 Dec 2023 11:47
 Operator : CG\JU
 Sample : PB157949BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157949BS

Quant Time: Dec 26 12:05:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	99443	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	386198	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	191720	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	362486	20.000	ng	0.00
76) Chrysene-d12	13.968	240	193699	20.000	ng	0.00
86) Perylene-d12	15.445	264	169585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	734136	115.188	ng	0.01
7) Phenol-d6	6.445	99	908003	109.949	ng	0.00
23) Nitrobenzene-d5	7.357	82	569725	75.488	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	253502	112.272	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1094713	76.798	ng	0.00
79) Terphenyl-d14	12.910	244	1070277	77.217	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	80631	30.363	ng	98
3) Pyridine	3.381	79	183609	28.338	ng	95
4) n-Nitrosodimethylamine	3.340	42	130779	37.797	ng	95
6) Aniline	6.457	93	235625	28.537	ng	# 1
8) 2-Chlorophenol	6.581	128	287502	41.221	ng	96
9) Benzaldehyde	6.339	77	86643	18.445	ng	99
10) Phenol	6.457	94	332464	37.712	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	272353	40.623	ng	99
12) 1,3-Dichlorobenzene	6.728	146	280164	36.822	ng	99
13) 1,4-Dichlorobenzene	6.804	146	288386	37.095	ng	99
14) 1,2-Dichlorobenzene	6.957	146	276405	38.209	ng	98
15) Benzyl Alcohol	6.939	79	236913	42.523	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	427655	39.015	ng	79
17) 2-Methylphenol	7.057	107	222423	38.495	ng	# 93
18) Hexachloroethane	7.292	117	104540	37.027	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	191157	38.184	ng	96
20) 3+4-Methylphenols	7.210	107	274704	38.055	ng	# 59
22) Acetophenone	7.198	105	392334	40.530	ng	92
24) Nitrobenzene	7.375	77	286616	37.911	ng	95
25) Isophorone	7.610	82	531549	38.706	ng	99
26) 2-Nitrophenol	7.686	139	148511	41.057	ng	98
27) 2,4-Dimethylphenol	7.728	122	244046	55.418	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	329329	39.452	ng	99
29) 2,4-Dichlorophenol	7.933	162	225942	39.853	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	245593	38.879	ng	98
31) Naphthalene	8.086	128	810239	38.189	ng	99
32) Benzoic acid	7.886	122	184594	43.323	ng	100
33) 4-Chloroaniline	8.145	127	201491	25.721	ng	97
34) Hexachlorobutadiene	8.198	225	143988	37.518	ng	99
35) Caprolactam	8.528	113	48187	25.764	ng	94
36) 4-Chloro-3-methylphenol	8.639	107	251212	39.359	ng	99
37) 2-Methylnaphthalene	8.780	142	517998	37.936	ng	99
38) 1-Methylnaphthalene	8.880	142	480533	35.871	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	247128	41.622	ng	99
41) Hexachlorocyclopentadiene	8.928	237	149803	79.183	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	160241	42.082	ng	99

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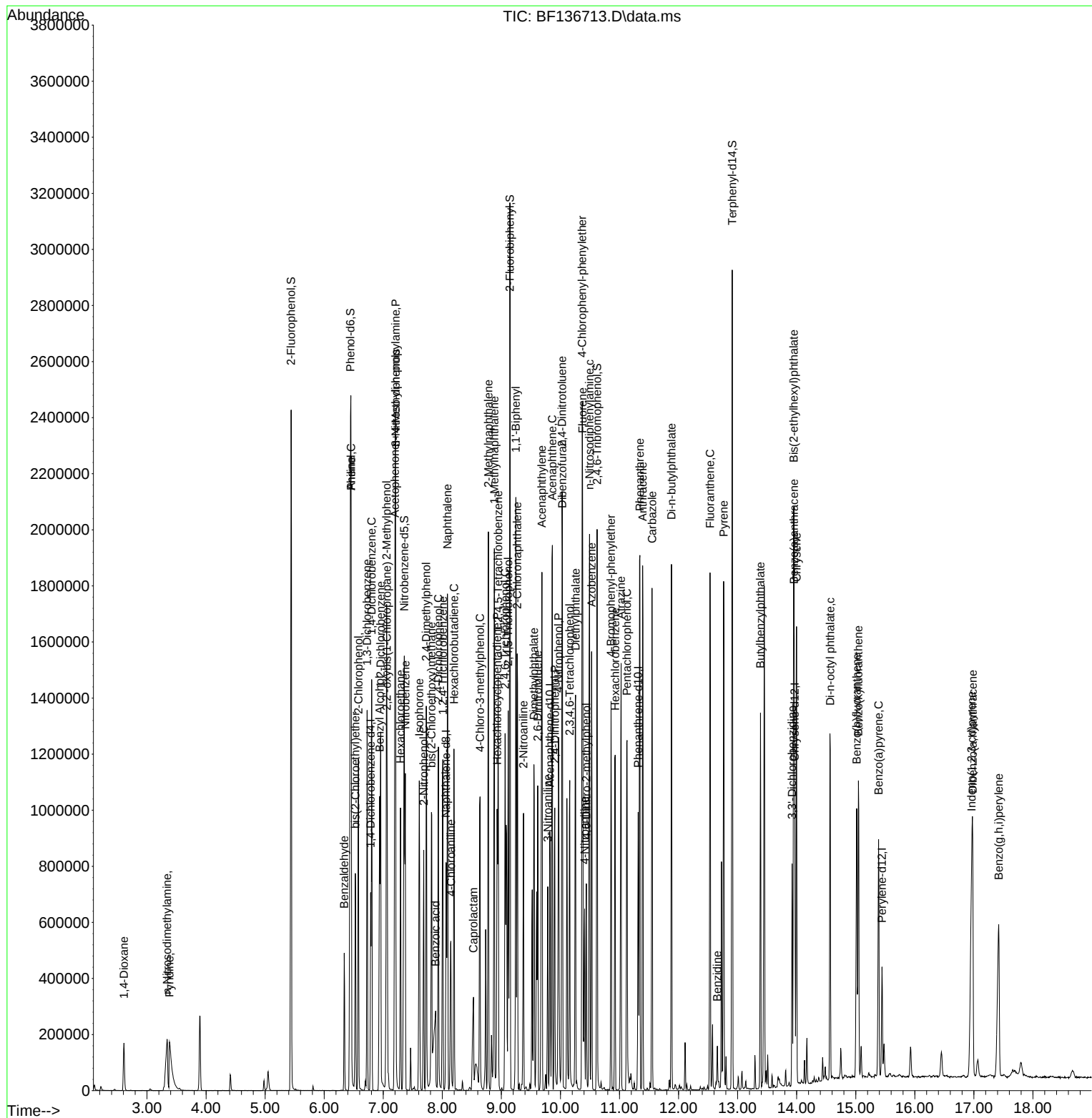
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	174291	41.075	ng	96
46) 1,1'-Biphenyl	9.245	154	652920	40.584	ng	99
47) 2-Chloronaphthalene	9.269	162	482824	39.477	ng	100
48) 2-Nitroaniline	9.375	65	158744	41.448	ng	95
49) Acenaphthylene	9.686	152	759279	40.616	ng	99
50) Dimethylphthalate	9.551	163	568693	40.610	ng	98
51) 2,6-Dinitrotoluene	9.616	165	125798	39.582	ng	# 83
52) Acenaphthene	9.863	154	455141	39.276	ng	99
53) 3-Nitroaniline	9.786	138	104042	30.904	ng	97
54) 2,4-Dinitrophenol	9.904	184	145114	82.274	ng	89
55) Dibenzofuran	10.033	168	685553	39.027	ng	98
56) 4-Nitrophenol	9.969	139	187781	82.625	ng	95
57) 2,4-Dinitrotoluene	10.027	165	154900	37.544	ng	95
58) Fluorene	10.374	166	549678	39.437	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	145817	44.642	ng	98
60) Diethylphthalate	10.257	149	567576	39.063	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	260428	38.441	ng	97
62) 4-Nitroaniline	10.410	138	126013	38.827	ng	95
63) Azobenzene	10.527	77	531148	39.139	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	95230	45.841	ng	93
66) n-Nitrosodiphenylamine	10.492	169	488538	41.489	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	161843	40.203	ng	98
68) Hexachlorobenzene	10.927	284	176583	39.361	ng	95
69) Atrazine	11.027	200	183595	60.960	ng	99
70) Pentachlorophenol	11.127	266	168899	80.770	ng	98
71) Phenanthrene	11.345	178	769035	41.347	ng	99
72) Anthracene	11.392	178	776029	41.199	ng	99
73) Carbazole	11.551	167	715742	40.303	ng	100
74) Di-n-butylphthalate	11.880	149	871800	40.230	ng	99
75) Fluoranthene	12.533	202	777045	39.057	ng	97
77) Benzidine	12.657	184	59496	10.417	ng	98
78) Pyrene	12.763	202	771720	40.585	ng	99
80) Butylbenzylphthalate	13.386	149	300832	43.479	ng	96
81) Benzo(a)anthracene	13.957	228	564306	41.955	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	160617	42.049	ng	# 97
83) Chrysene	13.998	228	529534	40.260	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	384979	44.224	ng	98
85) Di-n-octyl phthalate	14.568	149	616149	45.757	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	605089	49.418	ng	99
88) Benzo(b)fluoranthene	15.015	252	525691	46.412	ng	99
89) Benzo(k)fluoranthene	15.045	252	444546	41.536	ng	99
90) Benzo(a)pyrene	15.386	252	423217	44.265	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	505258	50.298	ng	96
92) Benzo(g,h,i)perylene	17.421	276	512506	49.814	ng	98

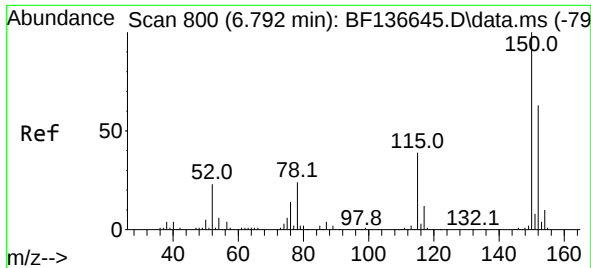
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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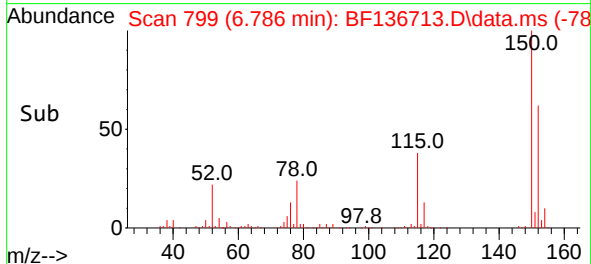
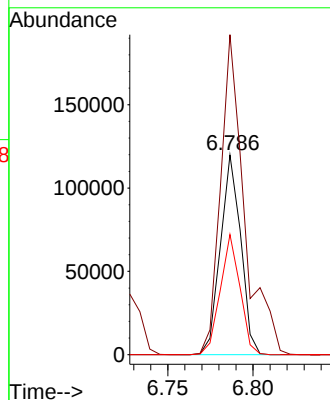
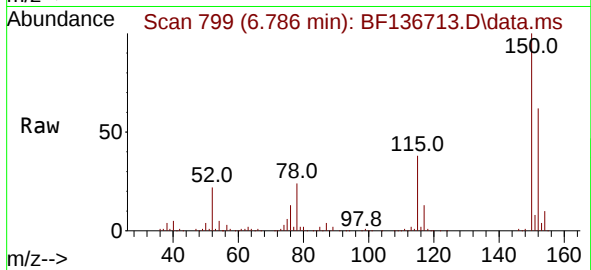




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF136713.D
 Acq: 26 Dec 2023 11:47

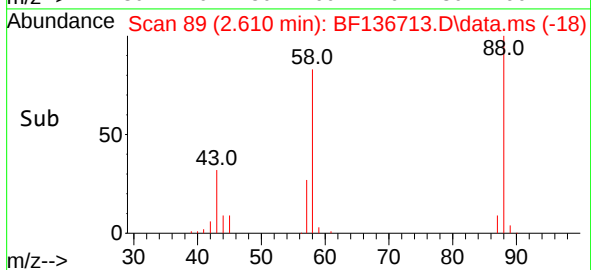
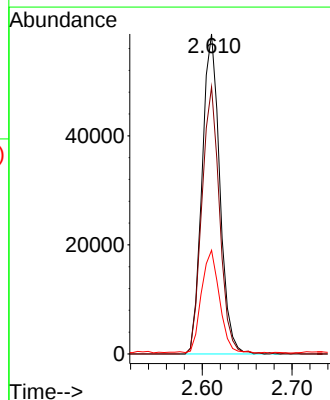
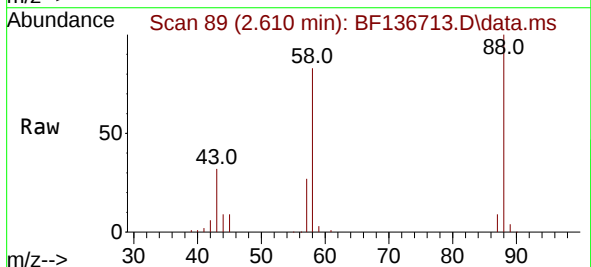
Instrument :
 BNA_F
 ClientSampleId :
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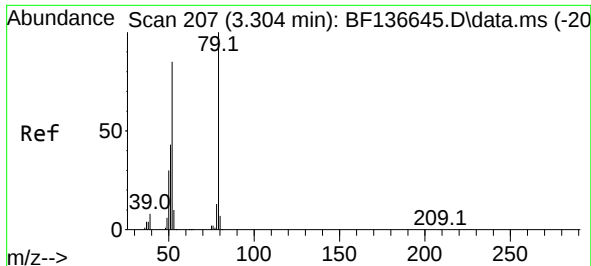
Tgt Ion:152 Resp: 99443
 Ion Ratio Lower Upper
 152 100
 150 160.3 127.0 190.6
 115 60.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 30.363 ng
 RT: 2.610 min Scan# 89
 Delta R.T. 0.065 min
 Lab File: BF136713.D
 Acq: 26 Dec 2023 11:47

Tgt Ion: 88 Resp: 80631
 Ion Ratio Lower Upper
 88 100
 58 82.9 67.4 101.0
 43 32.4 27.7 41.5

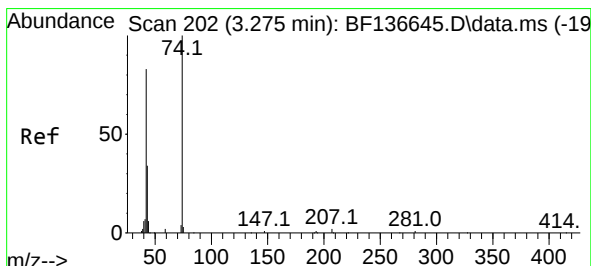
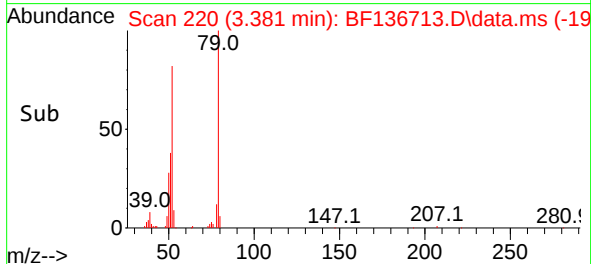
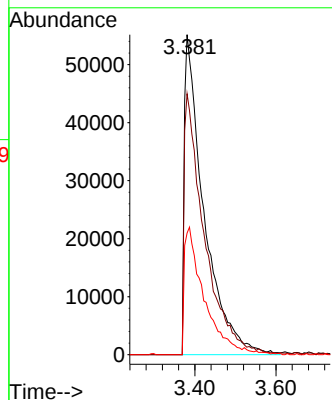
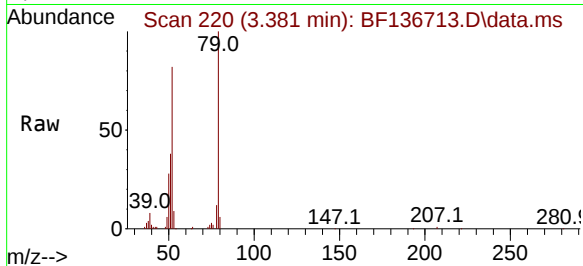




#3
Pyridine
Concen: 28.338 ng
RT: 3.381 min Scan# 213
Delta R.T. 0.077 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

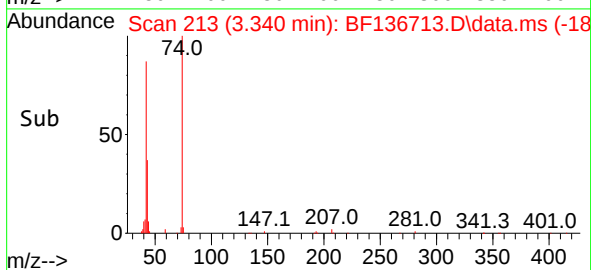
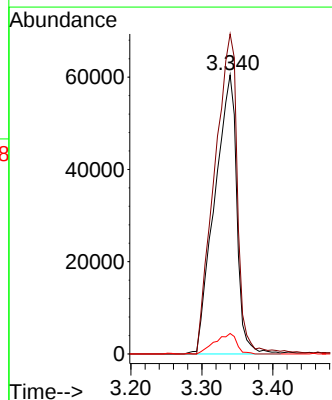
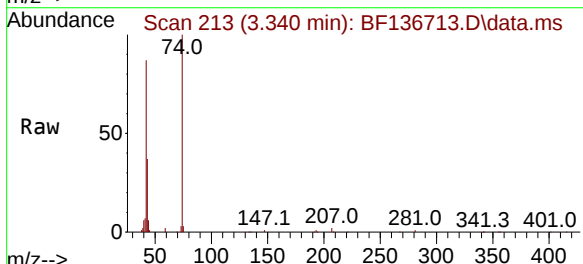
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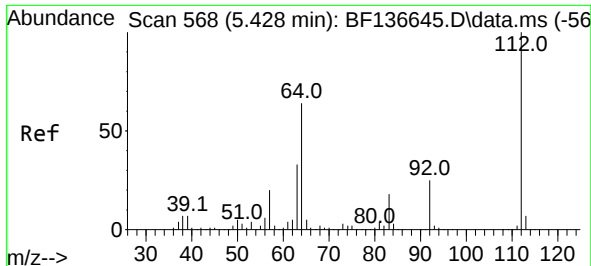
Tgt Ion: 79 Resp: 183609
Ion Ratio Lower Upper
79 100
52 81.5 67.7 101.5
51 38.0 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 37.797 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.065 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion: 42 Resp: 130779
Ion Ratio Lower Upper
42 100
74 114.7 96.0 144.0
44 7.4 5.4 8.2

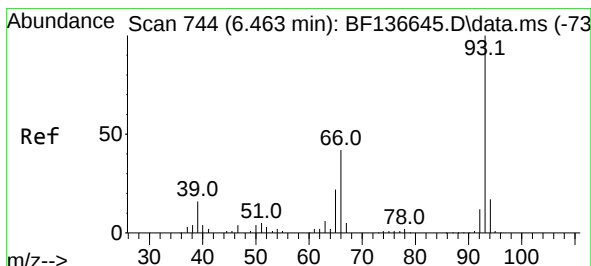
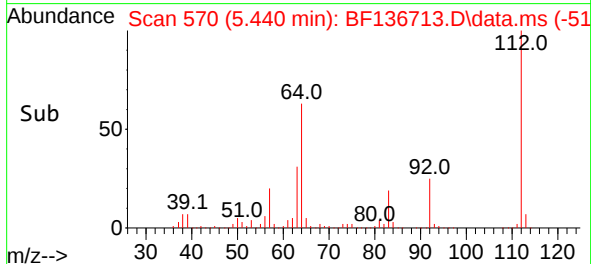
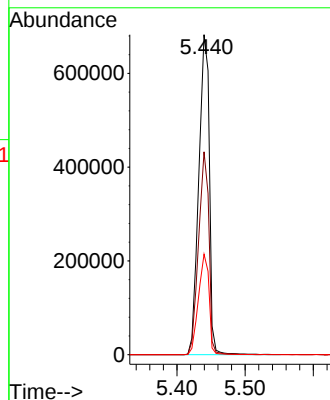
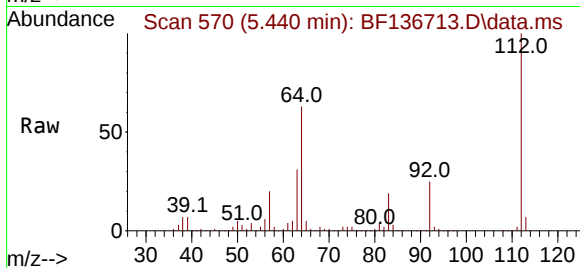




#5
2-Fluorophenol
Concen: 115.188 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

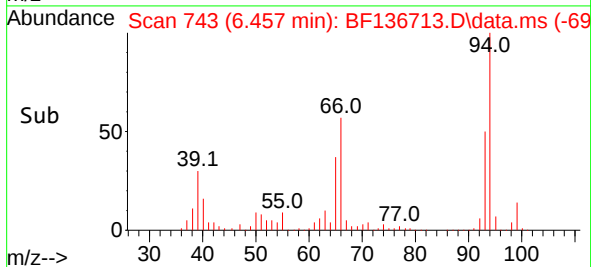
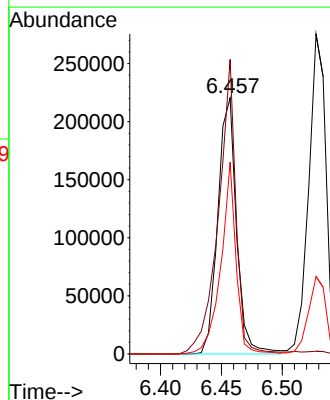
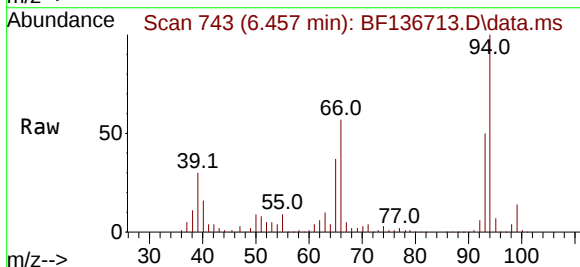
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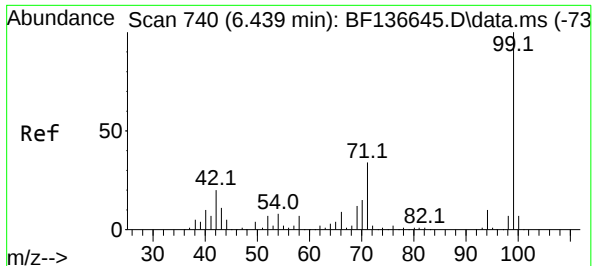
Tgt Ion:112 Resp: 734136
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 31.4 26.1 39.1



#6
Aniline
Concen: 28.537 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion: 93 Resp: 235625
Ion Ratio Lower Upper
93 100
66 115.0 34.6 51.8#
65 74.8 17.8 26.8#

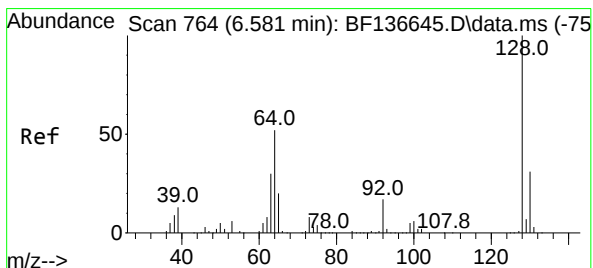
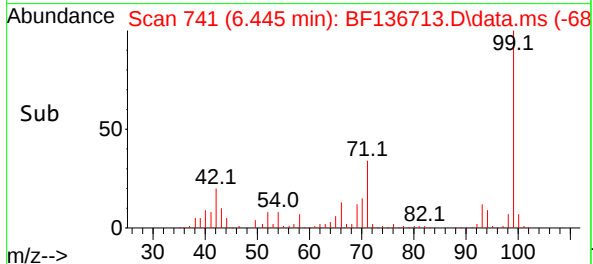
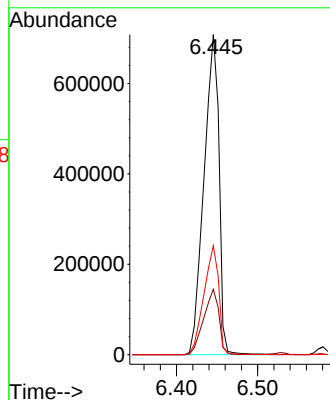
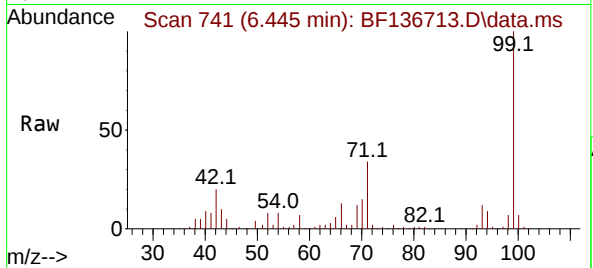




#7
Phenol-d6
Concen: 109.949 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

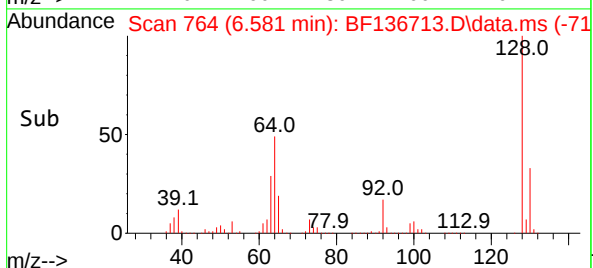
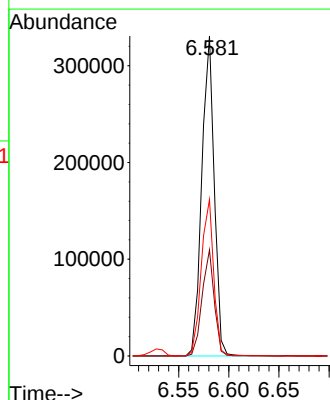
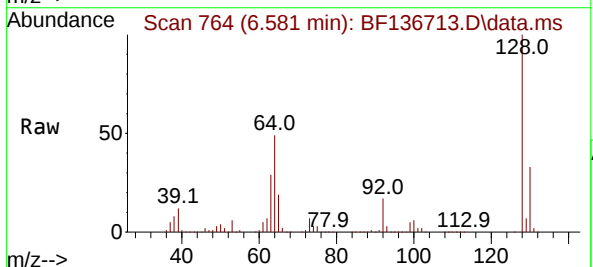
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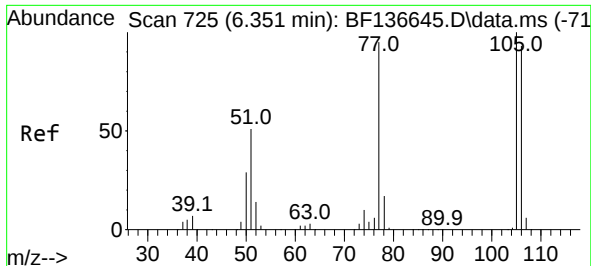
Tgt Ion: 99 Resp: 908003
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 34.1 27.4 41.2



#8
2-Chlorophenol
Concen: 41.221 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:128 Resp: 287502
Ion Ratio Lower Upper
128 100
130 33.2 11.3 51.3
64 48.9 32.5 72.5





#9

Benzaldehyde

Concen: 18.445 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136713.D

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Instrument :

BNA_F

ClientSampleId :

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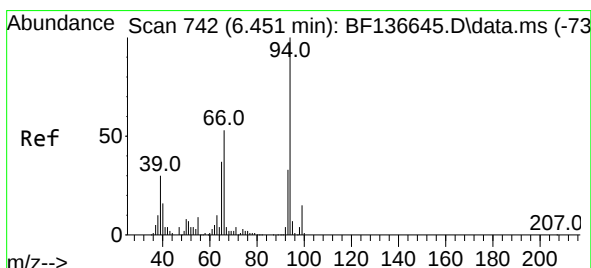
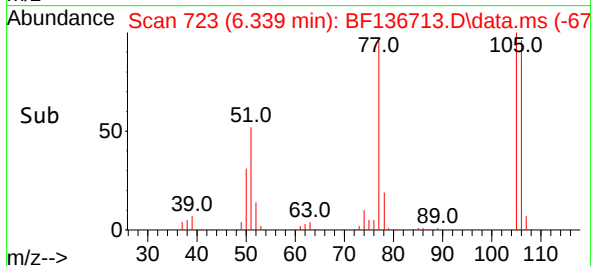
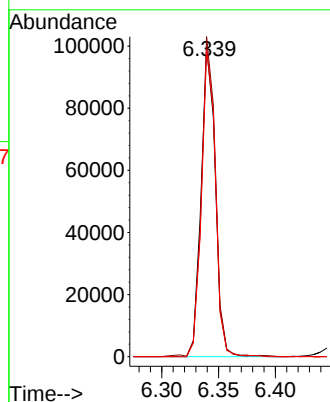
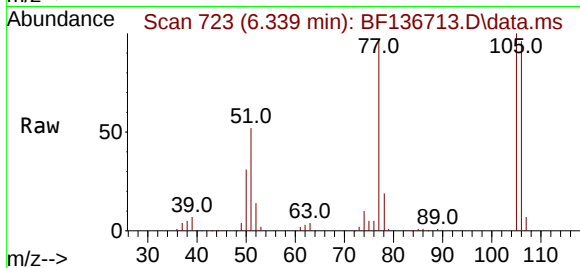
Tgt Ion: 77 Resp: 86643

Ion Ratio Lower Upper

77 100

105 103.5 84.8 124.8

106 99.2 77.8 117.8



#10

Phenol

Concen: 37.712 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136713.D

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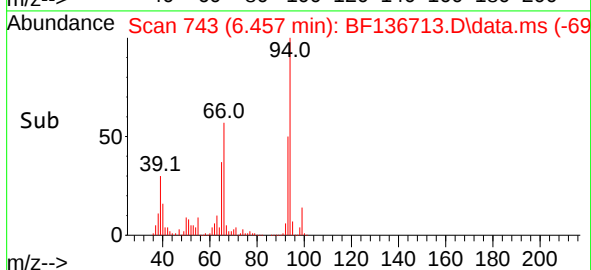
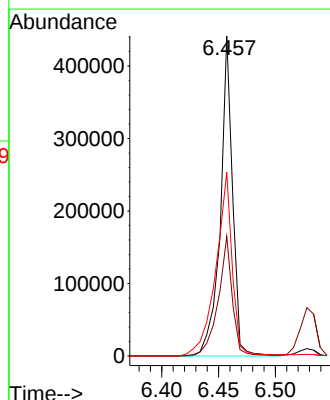
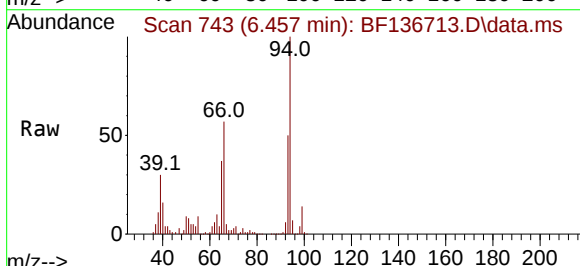
Tgt Ion: 94 Resp: 332464

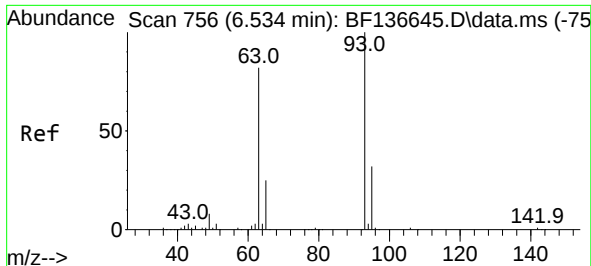
Ion Ratio Lower Upper

94 100

65 37.4 16.6 56.6

66 57.4 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 40.623 ng

RT: 6.528 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

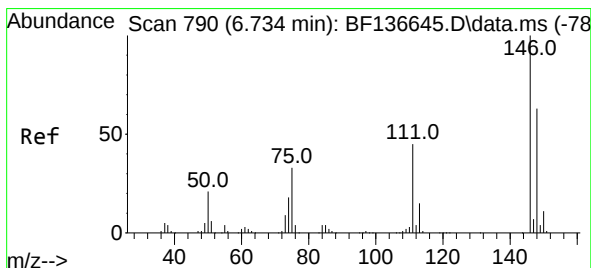
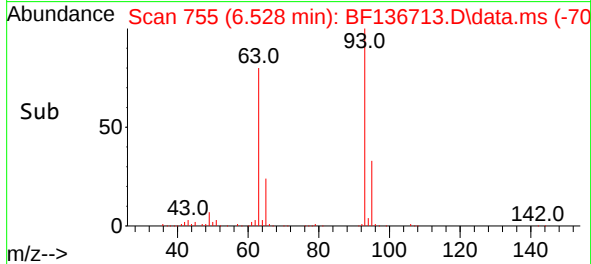
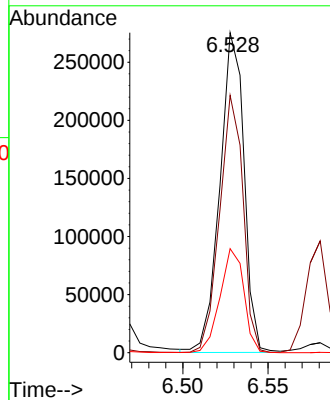
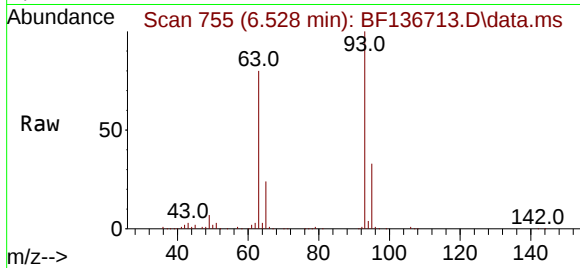
Tgt Ion: 93 Resp: 272353

Ion Ratio Lower Upper

93 100

63 80.4 61.2 101.2

95 32.5 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 36.822 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

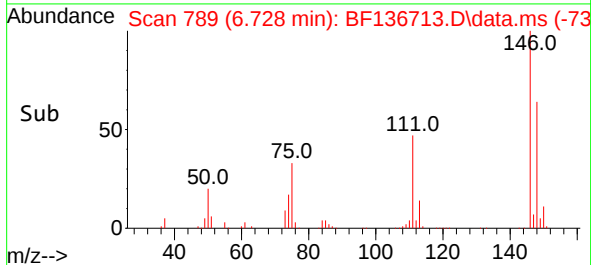
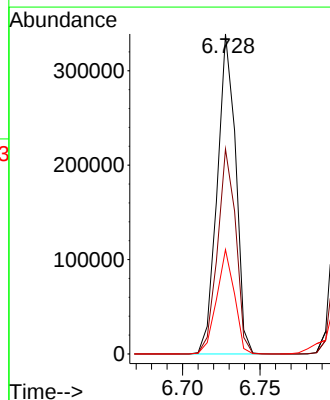
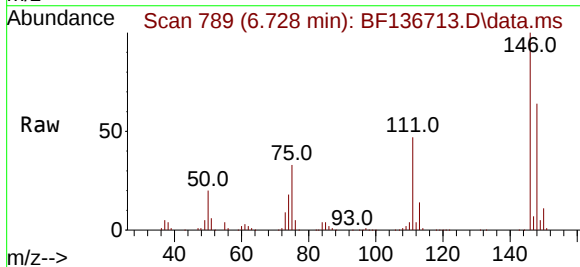
Tgt Ion: 146 Resp: 280164

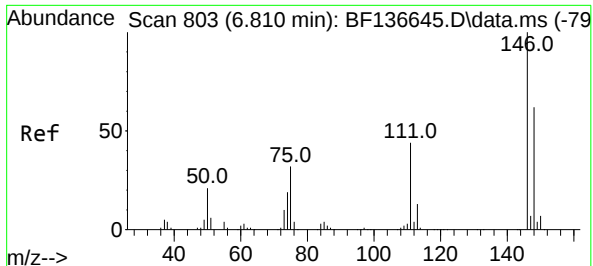
Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

75 32.6 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.095 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

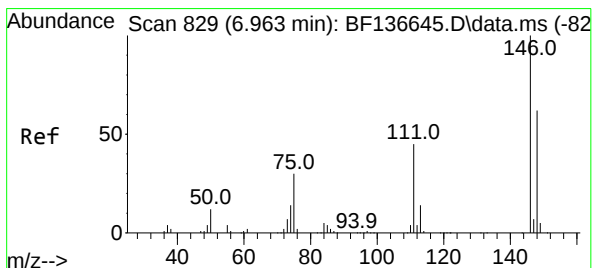
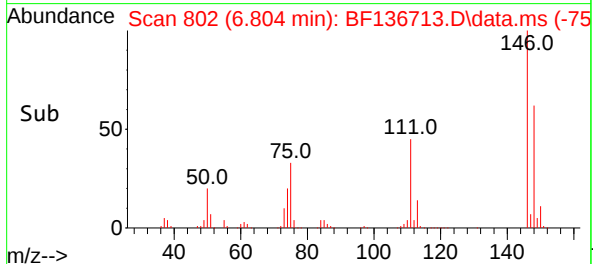
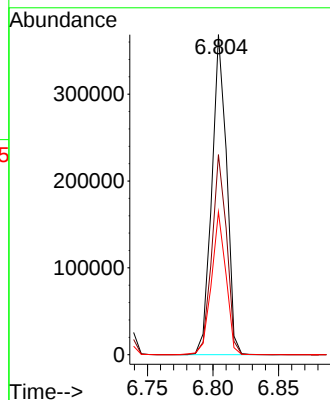
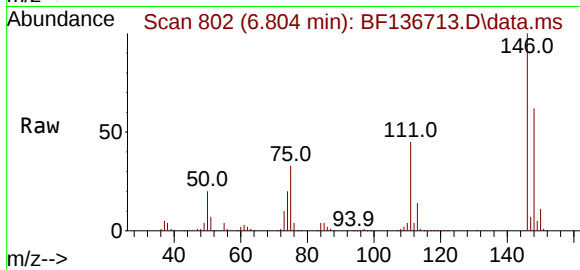
Tgt Ion:146 Resp: 288386

Ion Ratio Lower Upper

146 100

148 62.5 49.2 73.8

111 44.6 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.209 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

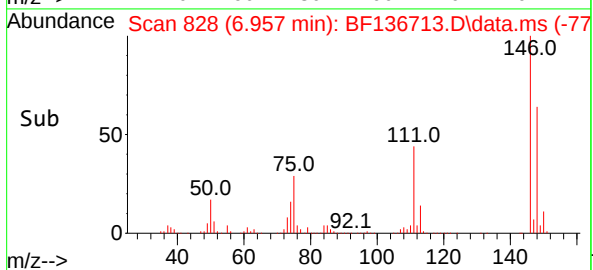
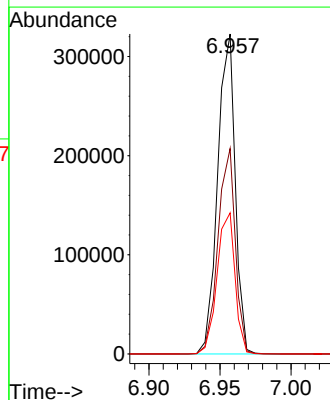
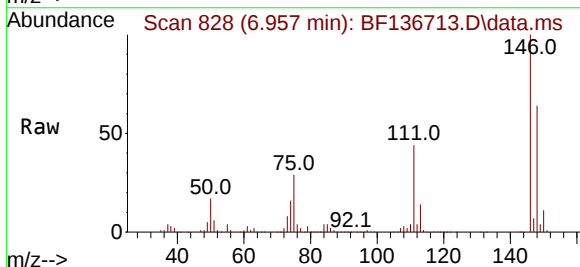
Tgt Ion:146 Resp: 276405

Ion Ratio Lower Upper

146 100

148 64.2 49.6 74.4

111 44.1 36.2 54.2

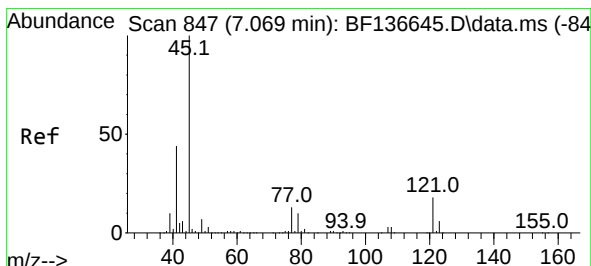
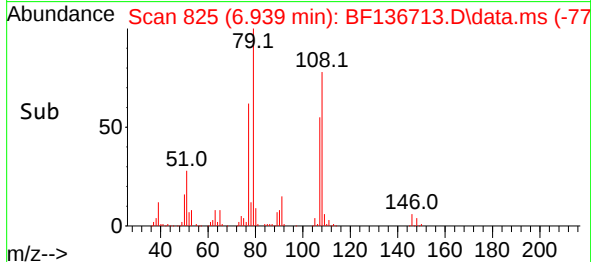
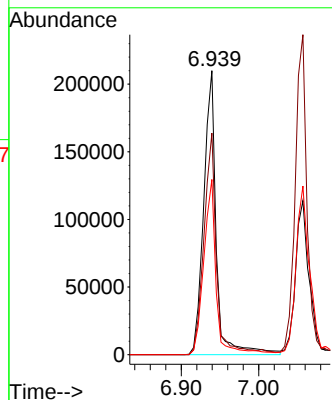
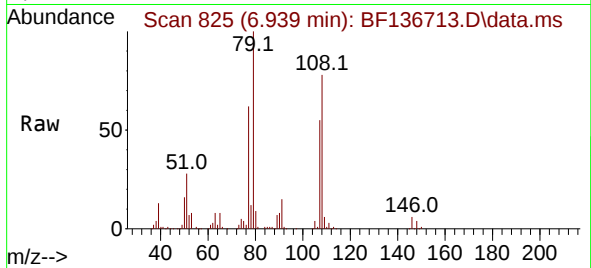




#15
Benzyl Alcohol
Concen: 42.523 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

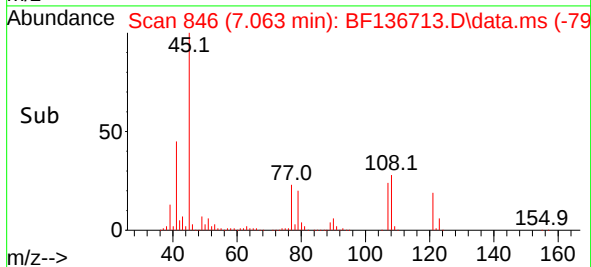
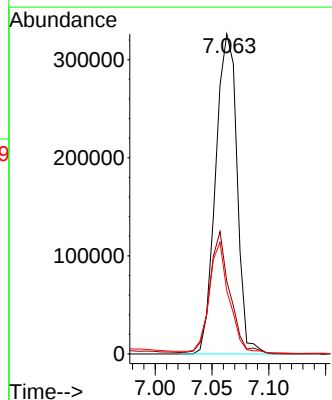
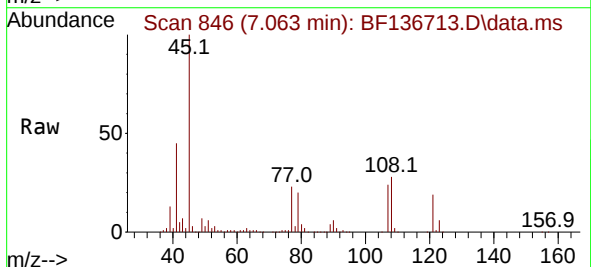
Instrument :
BNA_F
ClientSampleId :
PB157949BS

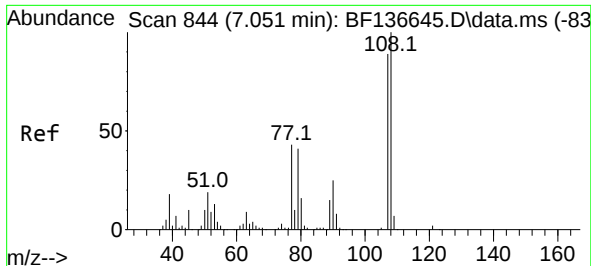
Tgt Ion: 79 Resp: 236913
Ion Ratio Lower Upper
79 100
108 78.0 61.0 91.6
77 61.7 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.015 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion: 45 Resp: 427655
Ion Ratio Lower Upper
45 100
77 22.7 0.0 34.3
79 19.7 0.0 31.4

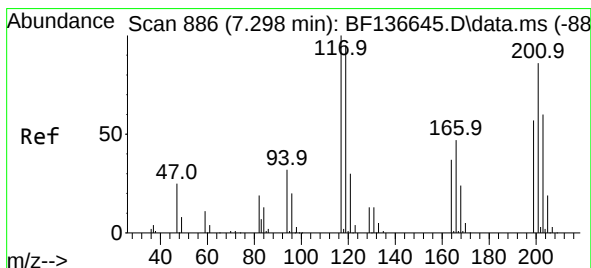
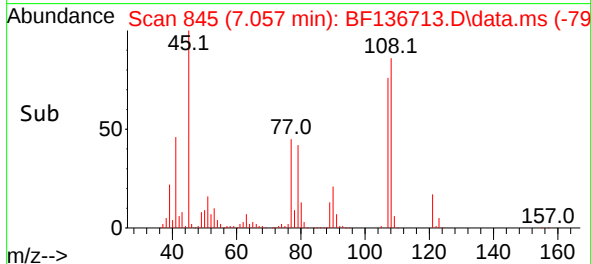
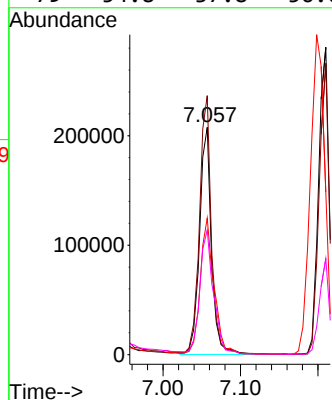
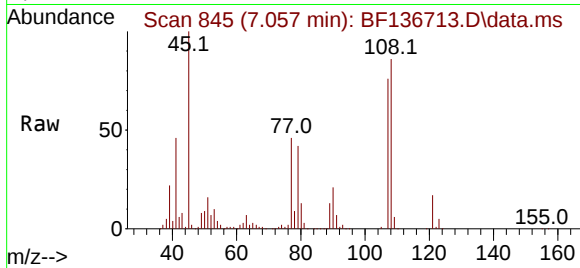




#17
2-Methylphenol
Concen: 38.495 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

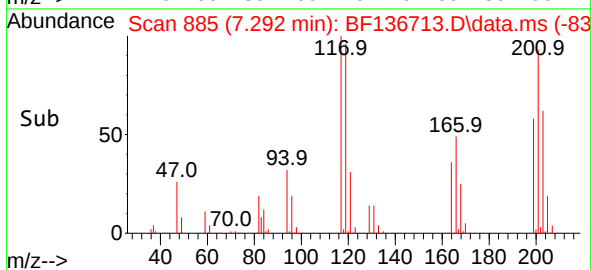
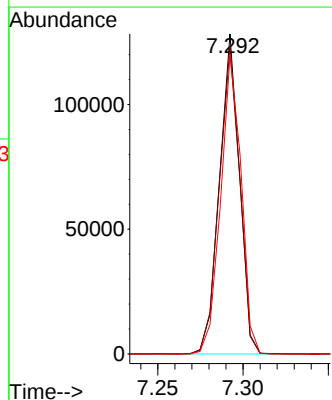
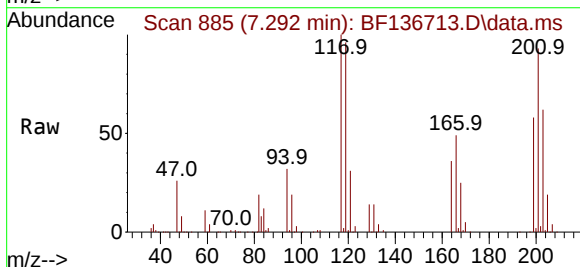
Instrument :
BNA_F
ClientSampleId :
PB157949BS

Tgt Ion:107 Resp: 222423
Ion Ratio Lower Upper
107 100
108 113.9 90.3 135.5
77 60.1 38.7 58.1#
79 54.8 37.8 56.6



#18
Hexachloroethane
Concen: 37.027 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:117 Resp: 104540
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.6
201 93.3 69.1 103.7



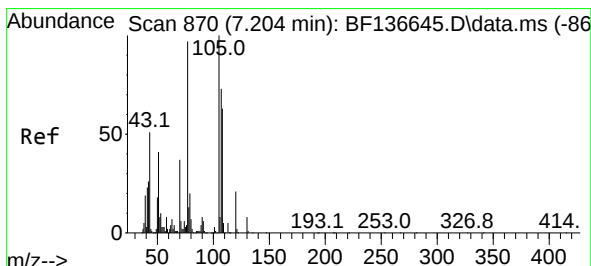
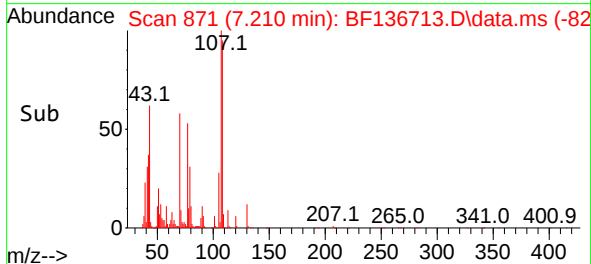
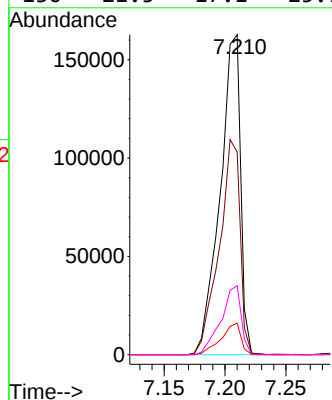
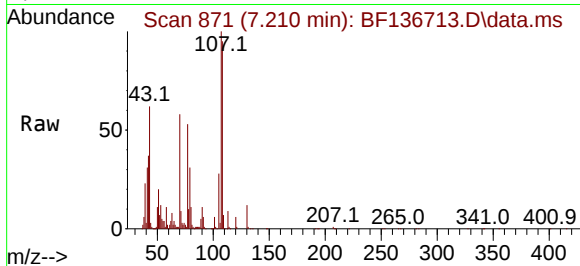


#19
n-Nitroso-di-n-propylamine
Concen: 38.184 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB157949BS

Tgt Ion: 70 Resp: 191157

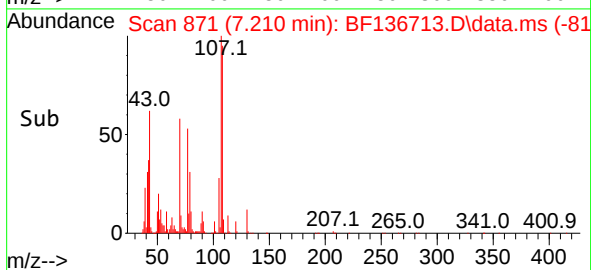
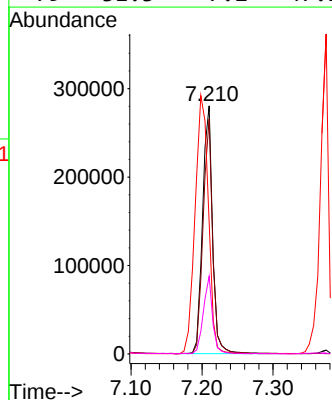
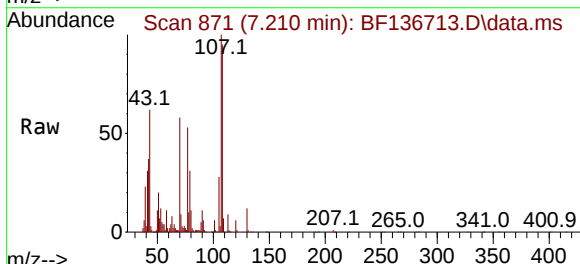
Ion	Ratio	Lower	Upper
70	100		
42	63.3	54.2	81.4
101	9.9	7.6	11.4
130	21.5	17.1	25.7

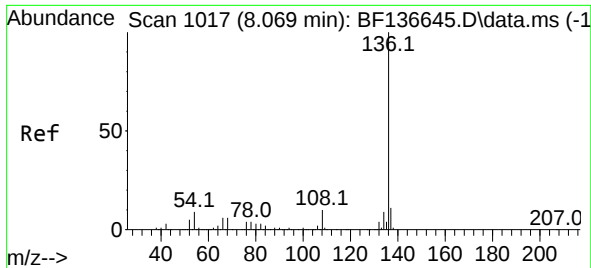


#20
3+4-Methylphenols
Concen: 38.055 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion: 107 Resp: 274704

Ion	Ratio	Lower	Upper
107	100		
108	94.8	66.0	106.0
77	52.9	114.2	154.2#
79	31.3	7.2	47.2

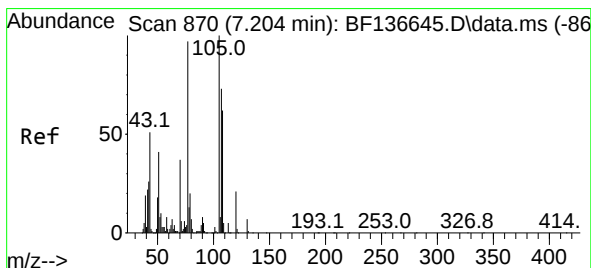
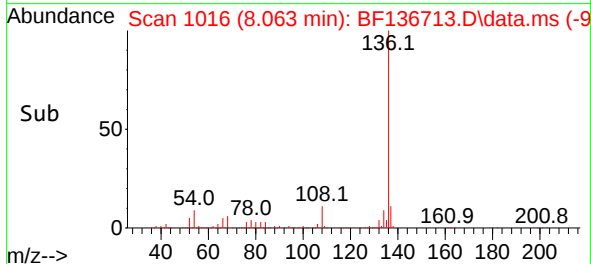
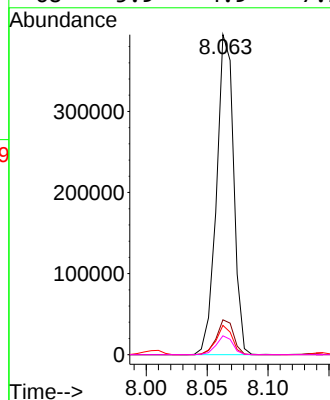
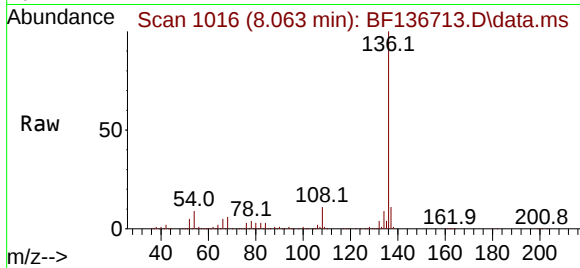




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

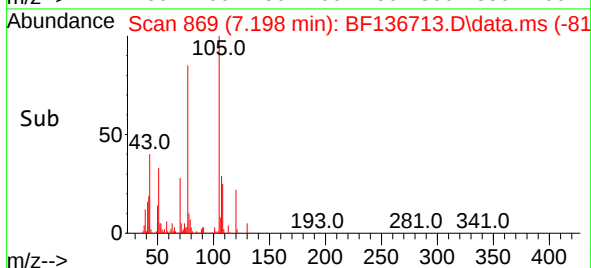
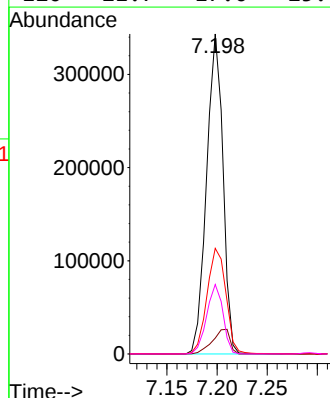
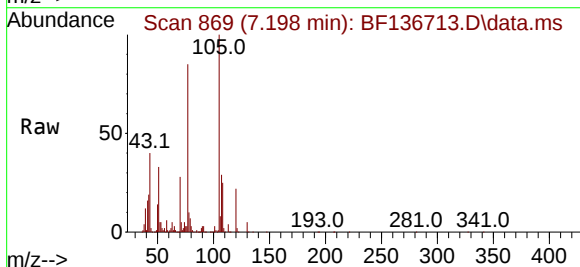
Instrument :
BNA_F
ClientSampleId :
PB157949BS

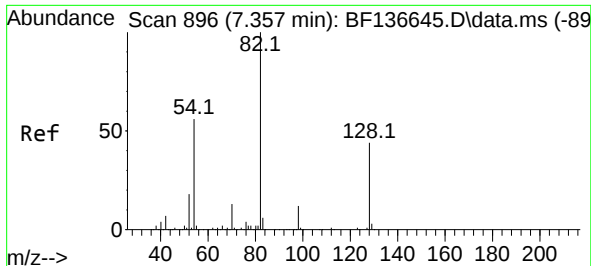
Tgt	Ion:136	Resp:	386198
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.2	7.2	10.8
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 40.530 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt	Ion:105	Resp:	392334
Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.8	7.2
51	33.0	32.8	49.2
120	21.7	17.0	25.6





#23

Nitrobenzene-d5

Concen: 75.488 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

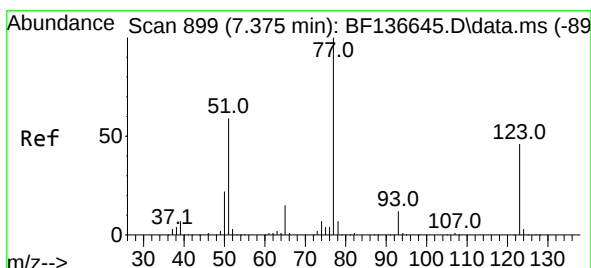
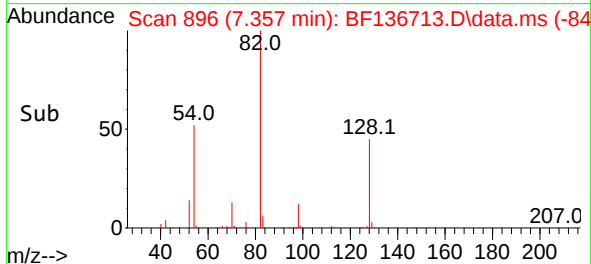
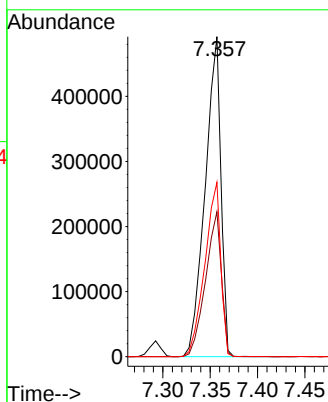
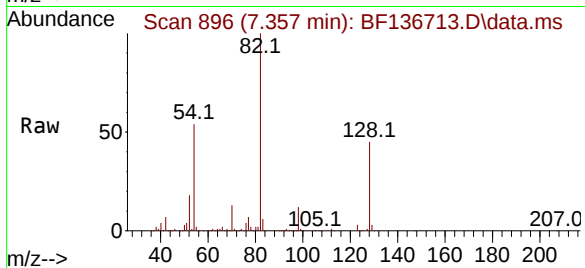
Tgt Ion: 82 Resp: 569725

Ion Ratio Lower Upper

82 100

128 45.3 35.3 52.9

54 54.4 44.5 66.7



#24

Nitrobenzene

Concen: 37.911 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

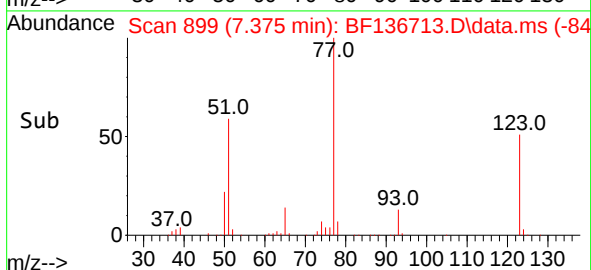
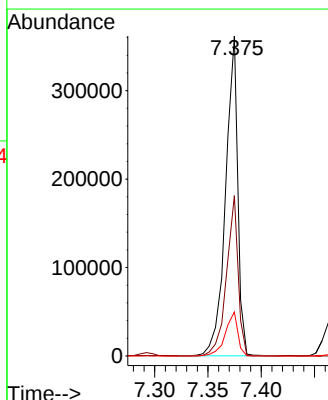
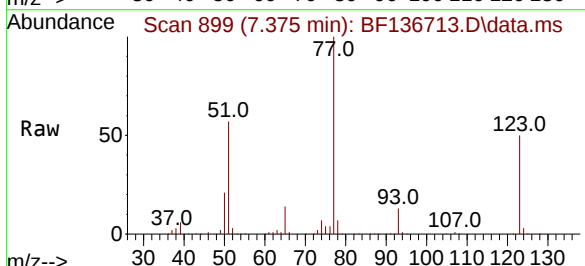
Tgt Ion: 77 Resp: 286616

Ion Ratio Lower Upper

77 100

123 50.1 36.7 55.1

65 13.8 11.8 17.6

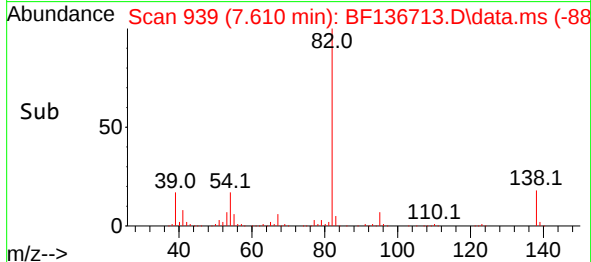
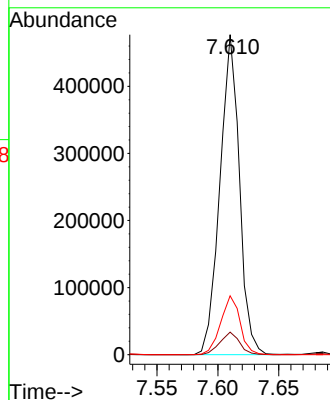
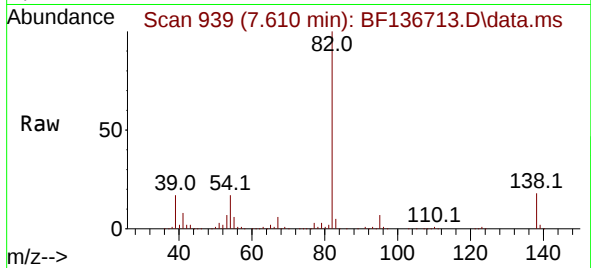




#25
Isophorone
Concen: 38.706 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

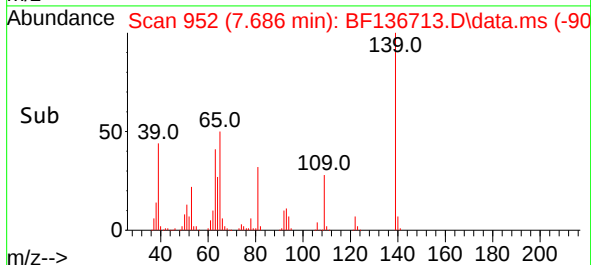
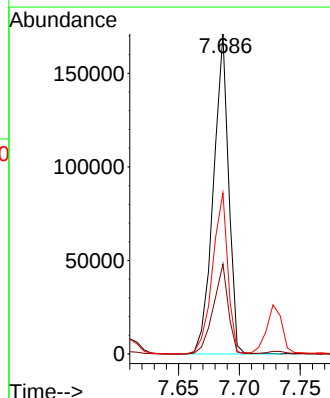
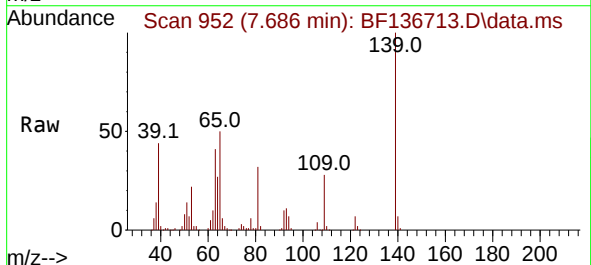
Instrument :
BNA_F
ClientSampleId :
PB157949BS

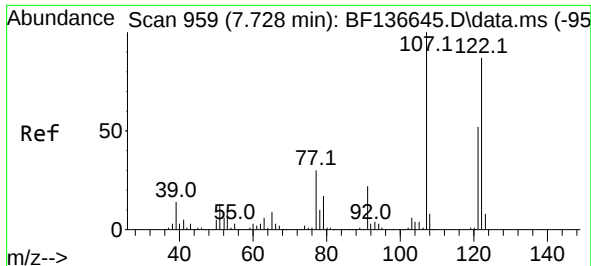
Tgt Ion: 82 Resp: 531549
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.4 14.5 21.7



#26
2-Nitrophenol
Concen: 41.057 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

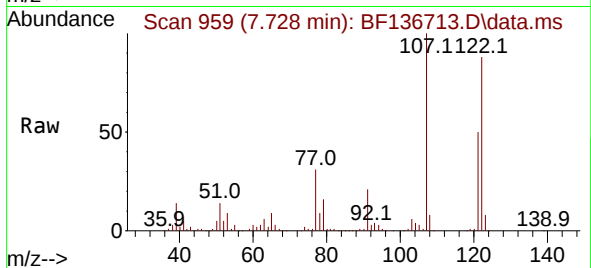
Tgt Ion:139 Resp: 148511
Ion Ratio Lower Upper
139 100
109 28.1 21.9 32.9
65 50.4 38.6 58.0



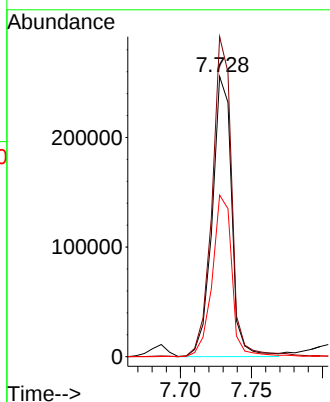
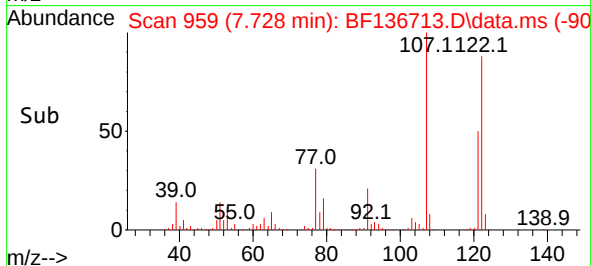


#27
2,4-Dimethylphenol
Concen: 55.418 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

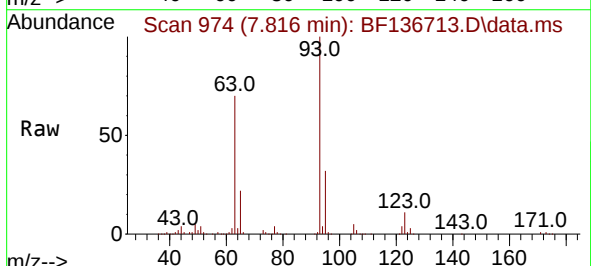
Instrument :
BNA_F
ClientSampleId :
PB157949BS



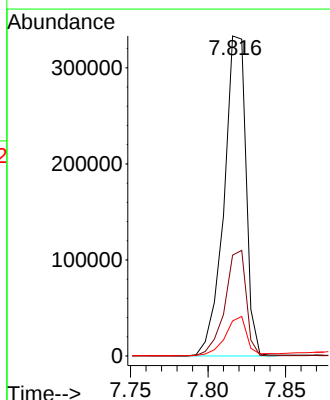
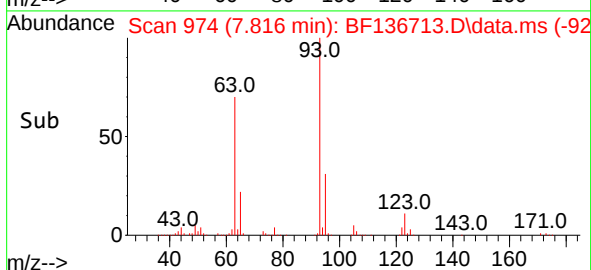
Tgt Ion:122 Resp: 244046
Ion Ratio Lower Upper
122 100
107 114.2 92.0 138.0
121 57.7 47.5 71.3

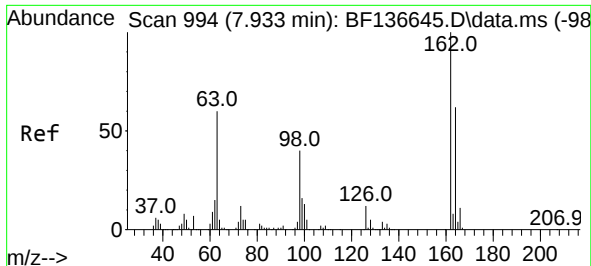


#28
bis(2-Chloroethoxy)methane
Concen: 39.452 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion: 93 Resp: 329329
Ion Ratio Lower Upper
93 100
95 31.5 25.5 38.3
123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.853 ng

RT: 7.933 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136713.D

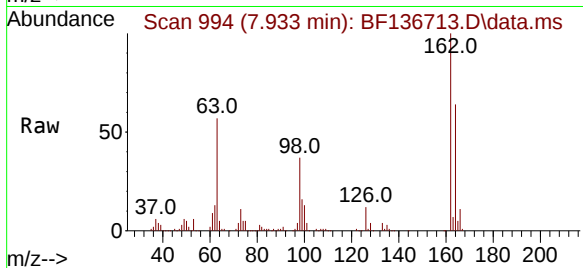
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS



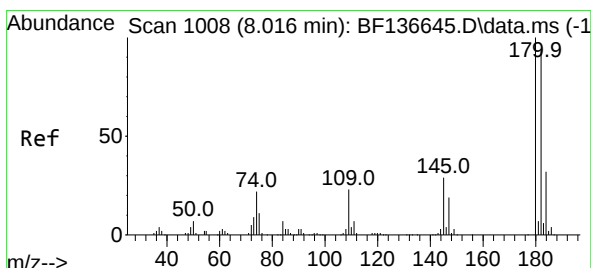
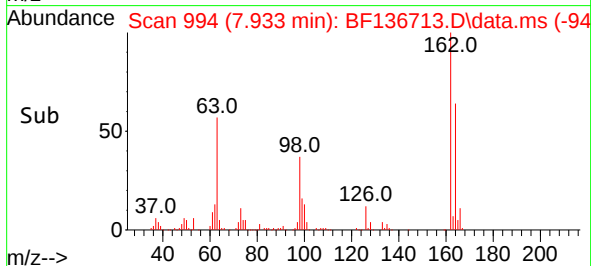
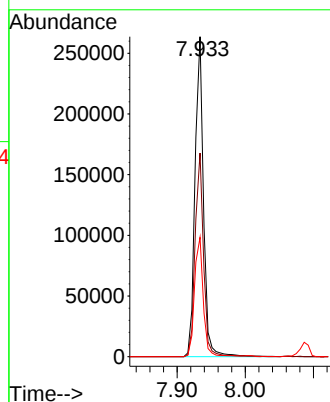
Tgt Ion:162 Resp: 225942

Ion Ratio Lower Upper

162 100

164 63.7 41.7 81.7

98 37.3 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 38.879 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

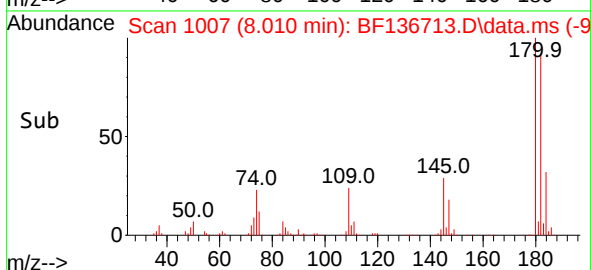
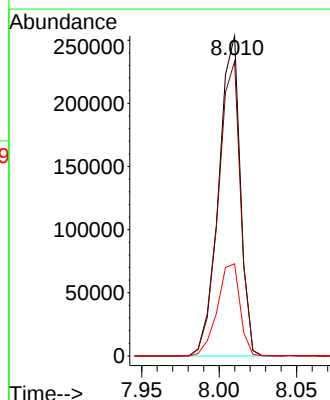
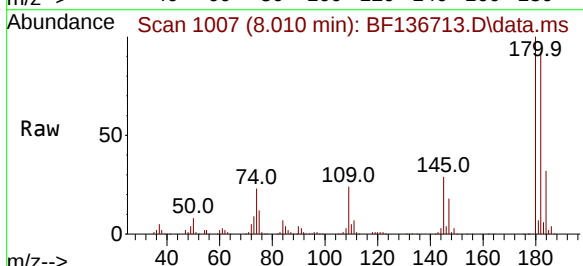
Tgt Ion:180 Resp: 245593

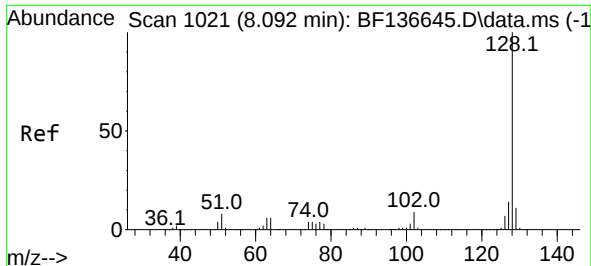
Ion Ratio Lower Upper

180 100

182 92.1 75.4 113.0

145 28.8 23.1 34.7

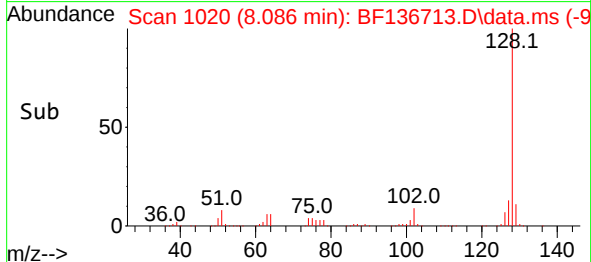
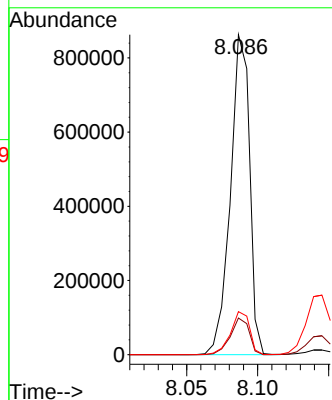
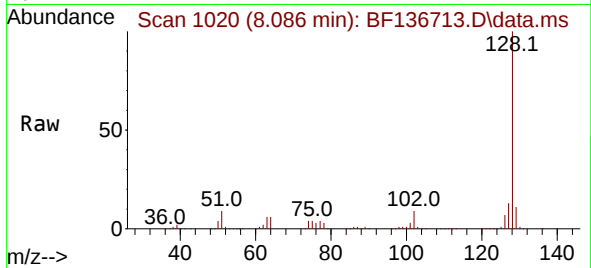




#31
Naphthalene
Concen: 38.189 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

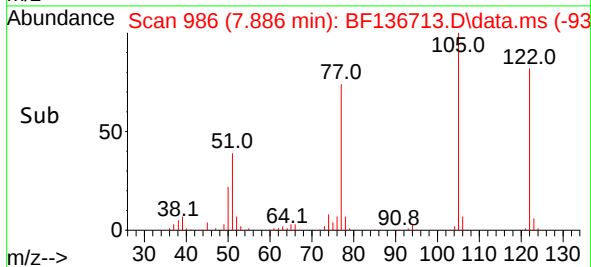
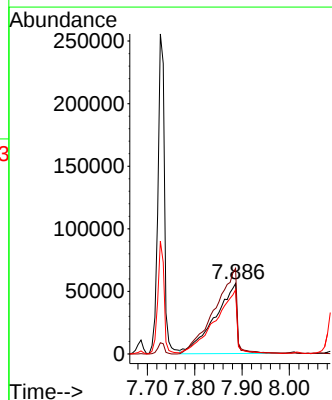
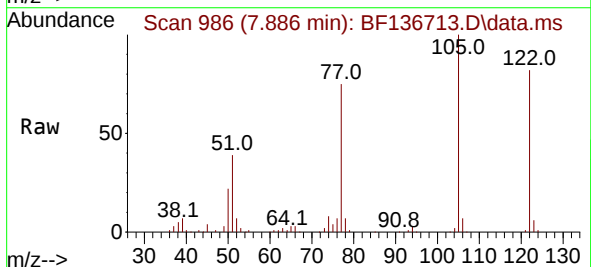
Instrument :
BNA_F
ClientSampleId :
PB157949BS

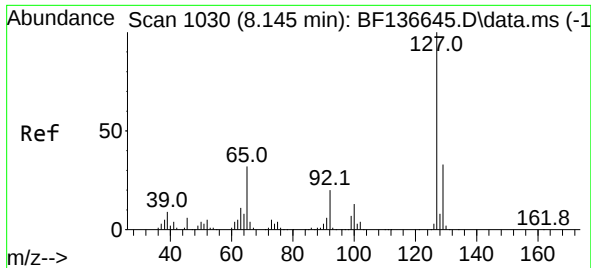
Tgt Ion:128 Resp: 810239
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 43.323 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.029 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:122 Resp: 184594
Ion Ratio Lower Upper
122 100
105 121.6 100.8 140.8
77 91.0 70.9 110.9

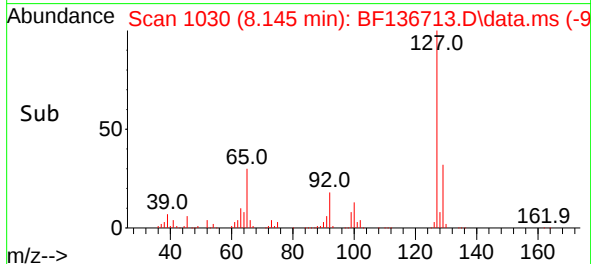
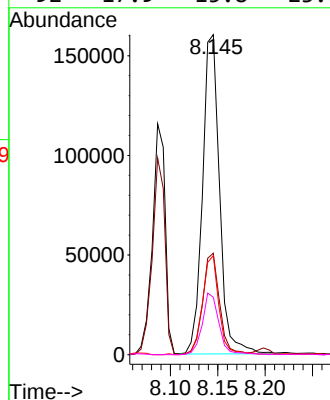
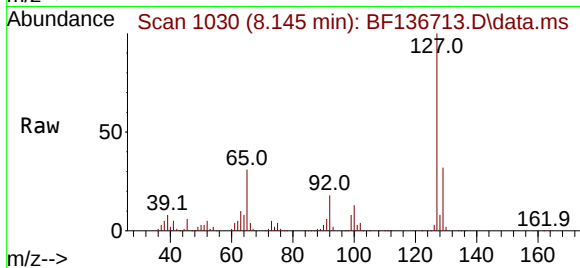




#33
4-Chloroaniline
Concen: 25.721 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

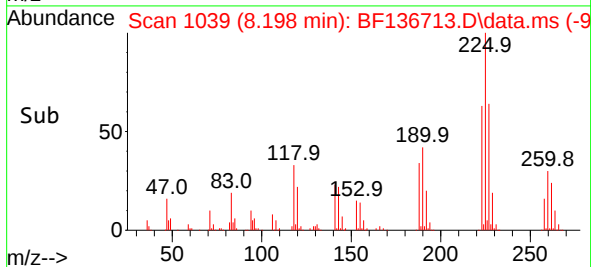
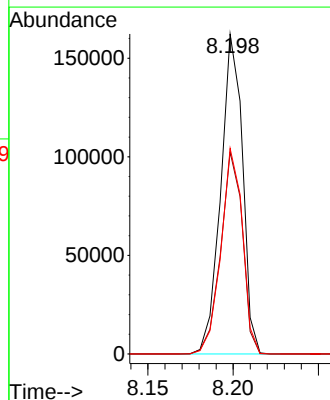
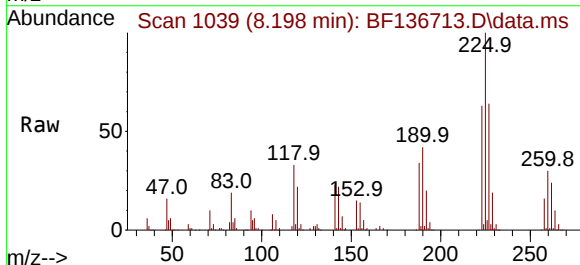
Instrument :
BNA_F
ClientSampleId :
PB157949BS

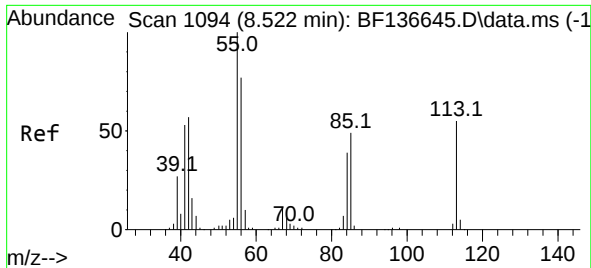
Tgt	Ion:127	Resp:	201491
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	30.9	25.8	38.8
92	17.9	15.8	23.6



#34
Hexachlorobutadiene
Concen: 37.518 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt	Ion:225	Resp:	143988
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.2	51.9	77.9

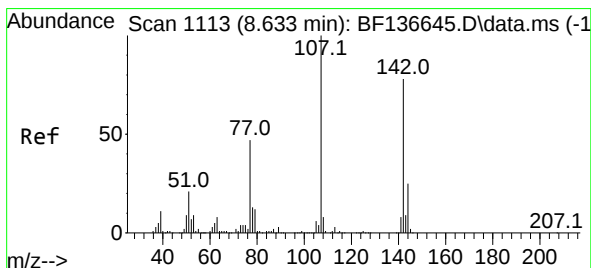
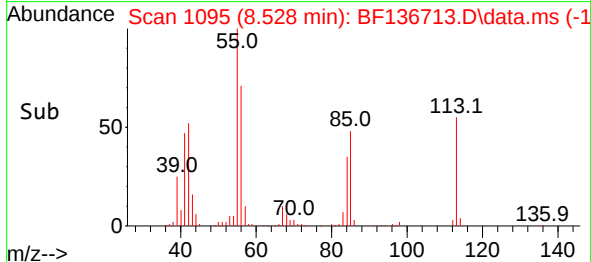
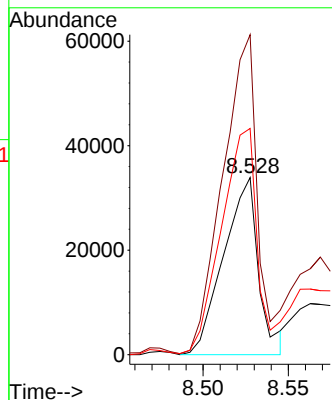
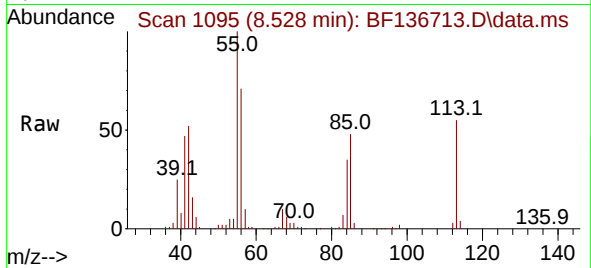




#35
 Caprolactam
 Concen: 25.764 ng
 RT: 8.528 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF136713.D
 Acq: 26 Dec 2023 11:47

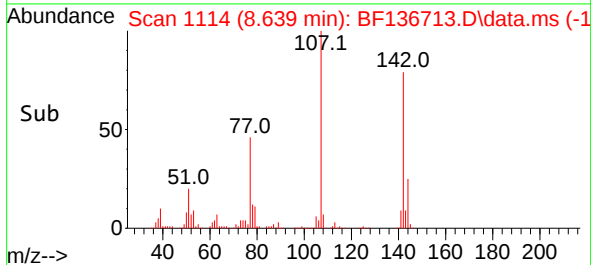
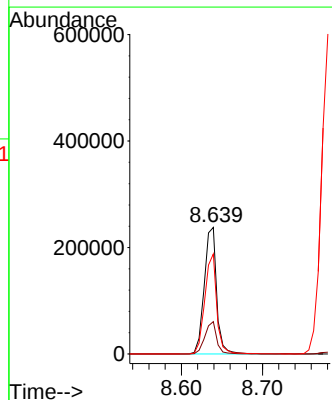
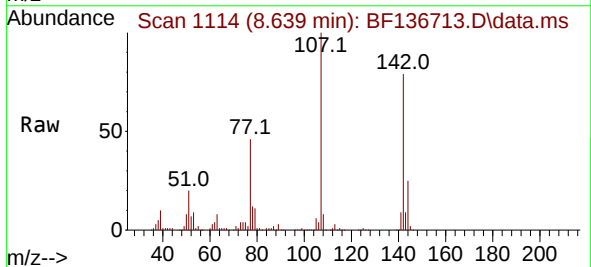
Instrument :
 BNA_F
 ClientSampleId :
 PB157949BS

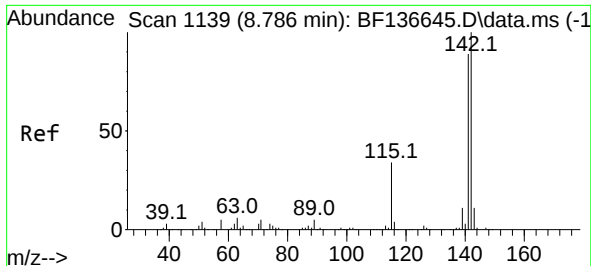
Tgt Ion:113 Resp: 48187
 Ion Ratio Lower Upper
 113 100
 55 180.7 163.1 203.1
 56 127.8 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.359 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136713.D
 Acq: 26 Dec 2023 11:47

Tgt Ion:107 Resp: 251212
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.2 30.2
 142 79.0 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.936 ng

RT: 8.780 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

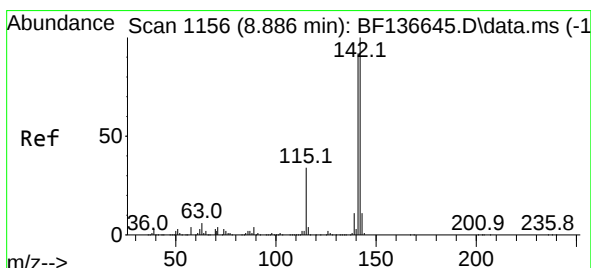
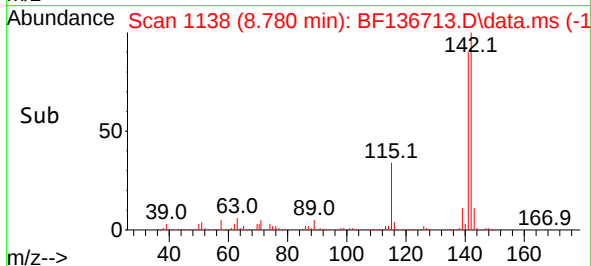
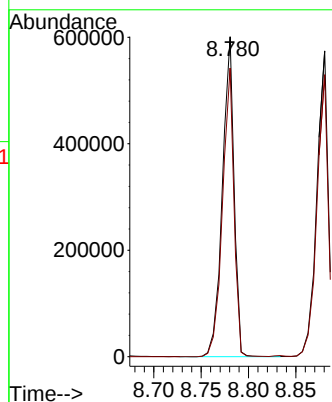
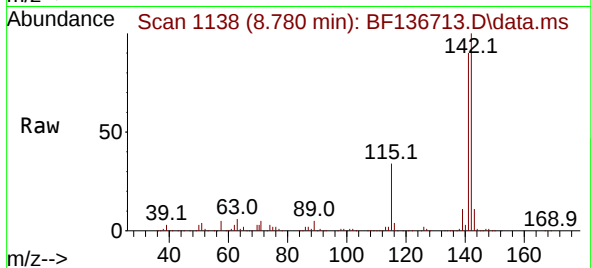
PB157949BS

Tgt Ion:142 Resp: 517998

Ion Ratio Lower Upper

142 100

141 90.2 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.871 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136713.D

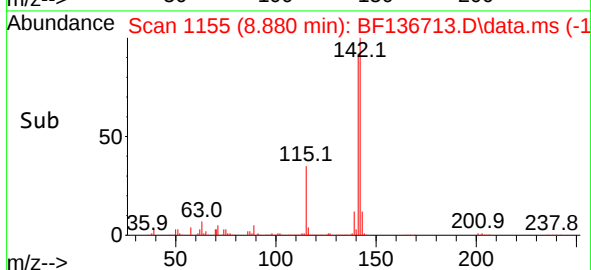
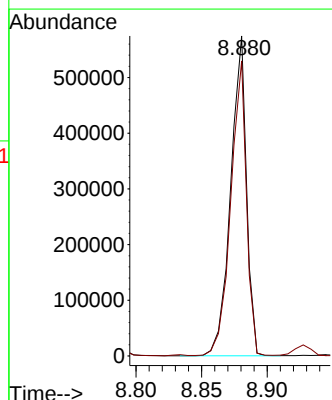
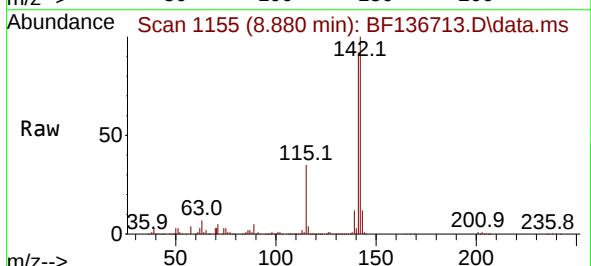
Acq: 26 Dec 2023 11:47

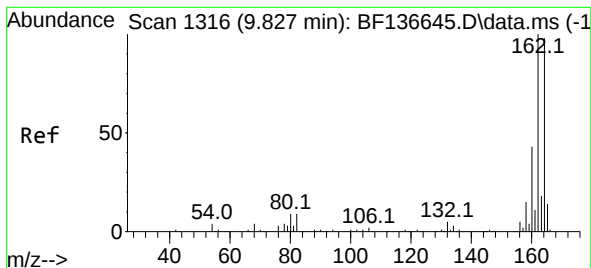
Tgt Ion:142 Resp: 480533

Ion Ratio Lower Upper

142 100

141 92.2 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

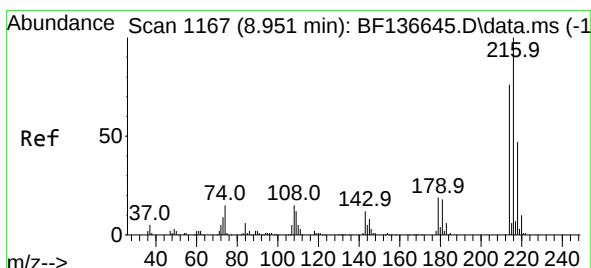
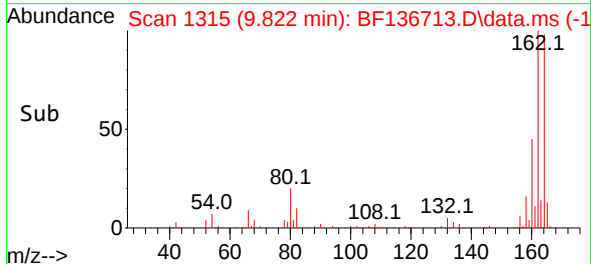
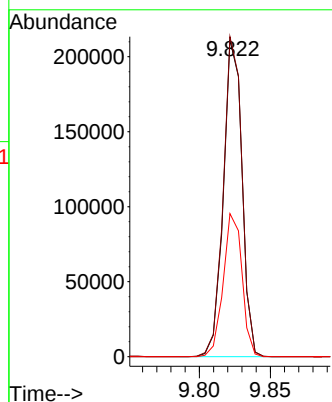
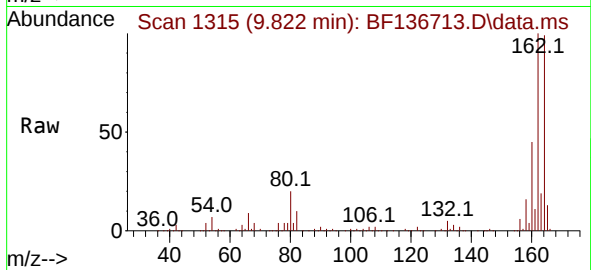
Tgt Ion:164 Resp: 191720

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

160 45.2 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.622 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Tgt Ion:216 Resp: 247128

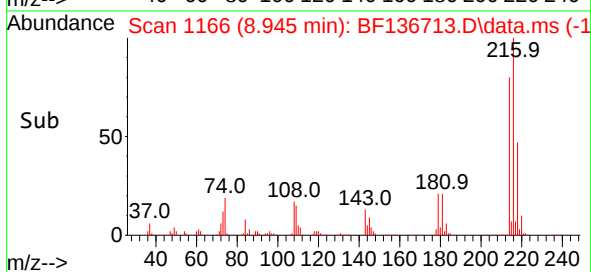
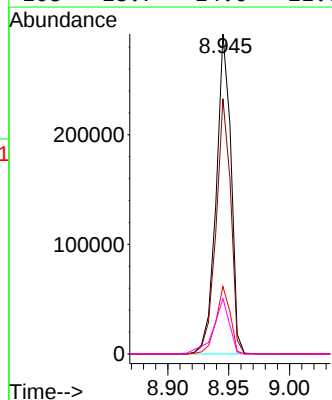
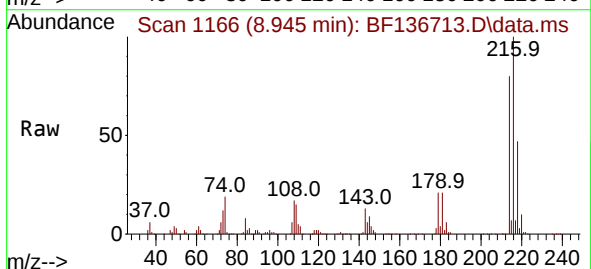
Ion Ratio Lower Upper

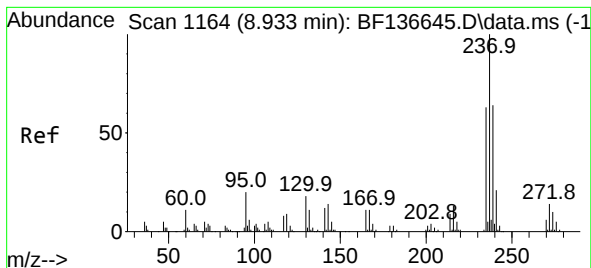
216 100

214 79.1 62.3 93.5

179 20.3 16.4 24.6

108 18.7 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 79.183 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

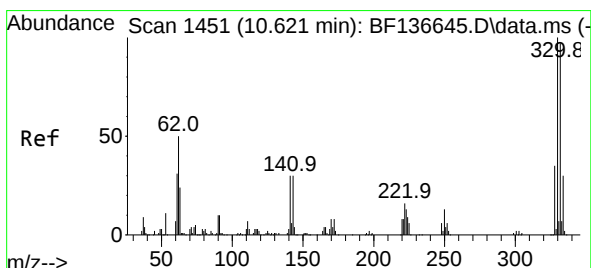
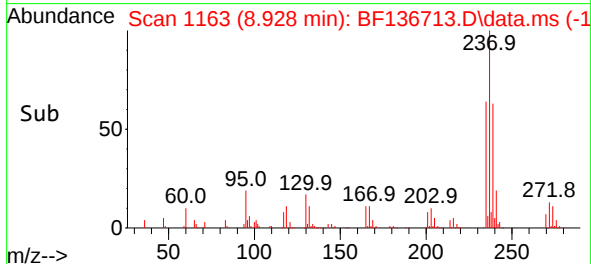
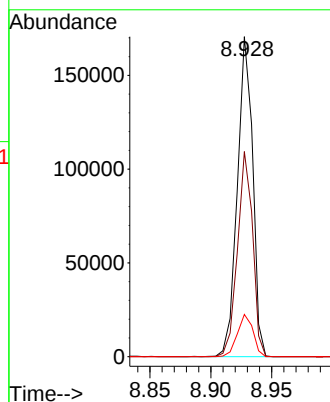
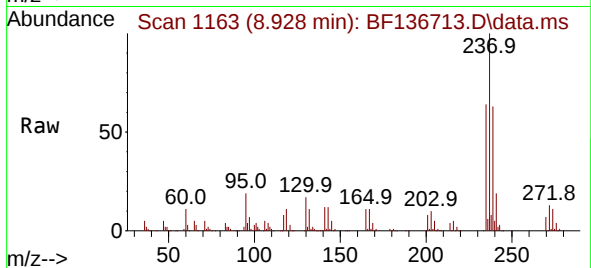
Tgt Ion:237 Resp: 149803

Ion Ratio Lower Upper

237 100

235 64.1 43.2 83.2

272 13.2 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 112.272 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

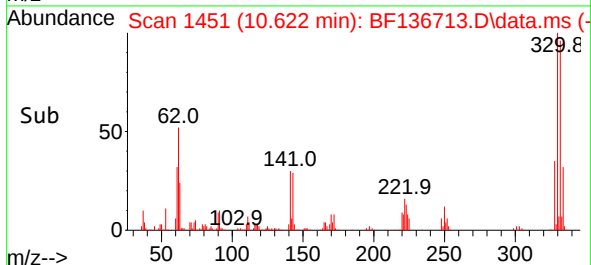
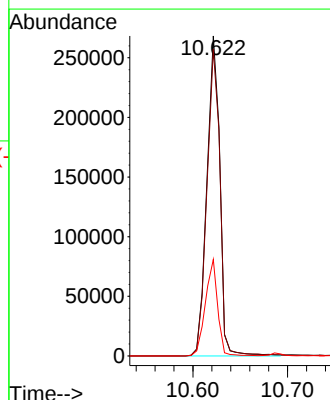
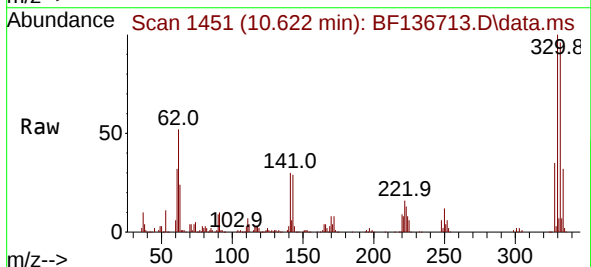
Tgt Ion:330 Resp: 253502

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

141 28.7 23.4 35.2

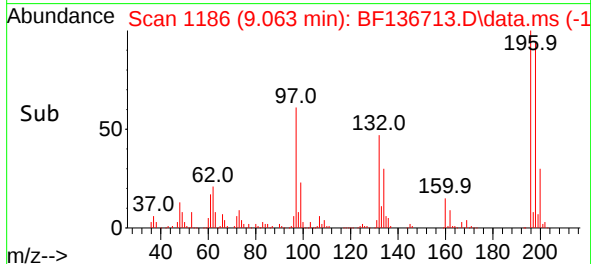
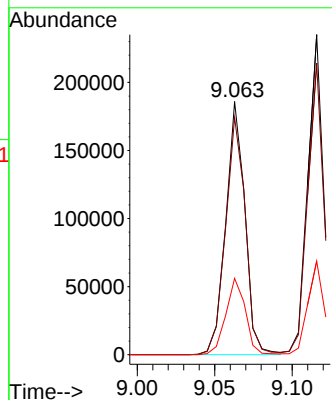
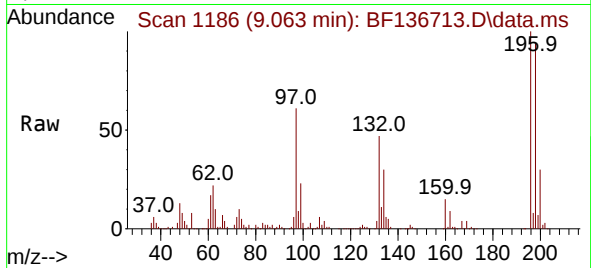




#43
2,4,6-Trichlorophenol
Concen: 42.082 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

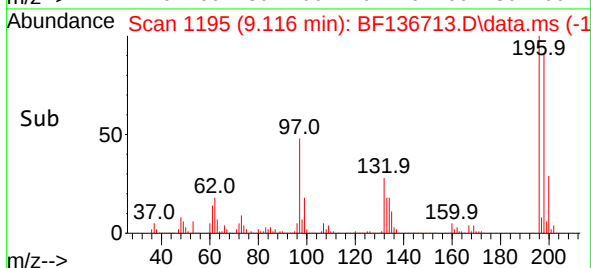
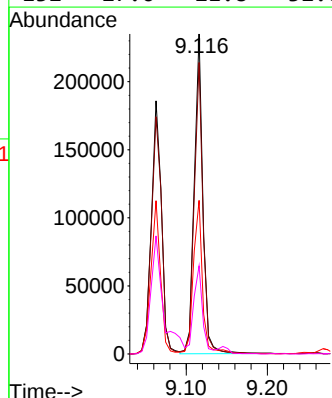
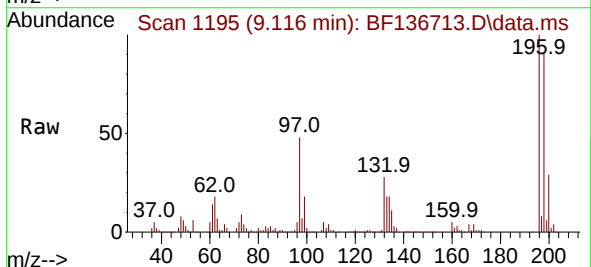
Instrument :
BNA_F
ClientSampleId :
PB157949BS

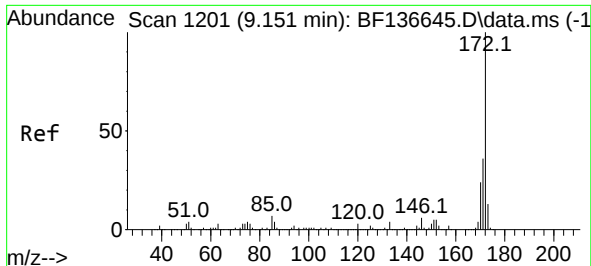
Tgt Ion:196 Resp: 160241
Ion Ratio Lower Upper
196 100
198 93.7 75.1 112.7
200 30.1 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 41.075 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:196 Resp: 174291
Ion Ratio Lower Upper
196 100
198 91.1 77.0 115.6
97 48.0 36.1 54.1
132 27.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 76.798 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

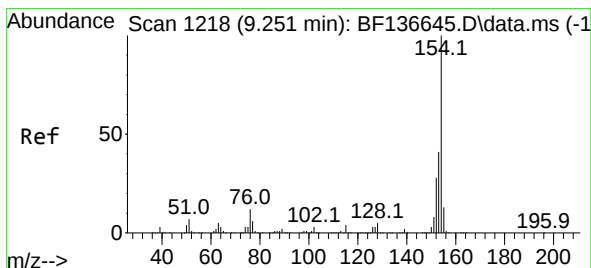
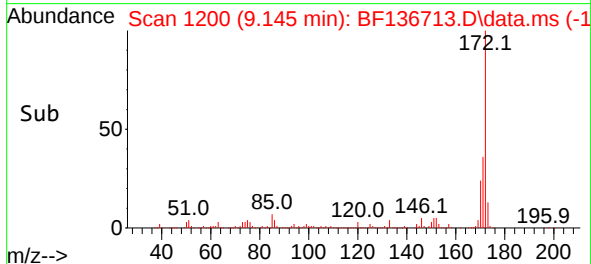
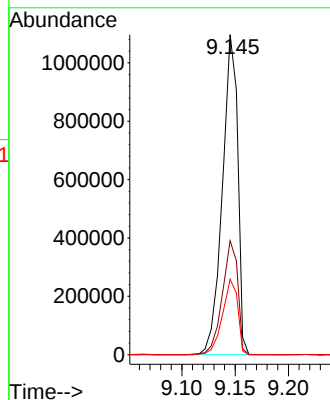
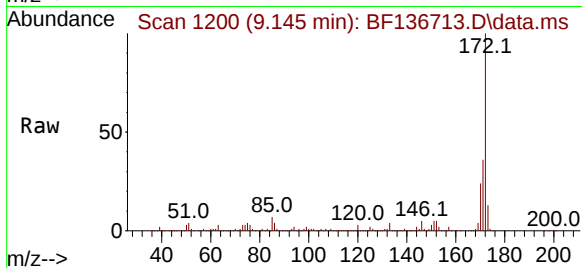
Tgt Ion:172 Resp: 1094713

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.584 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

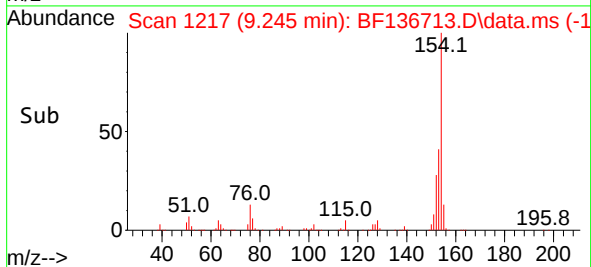
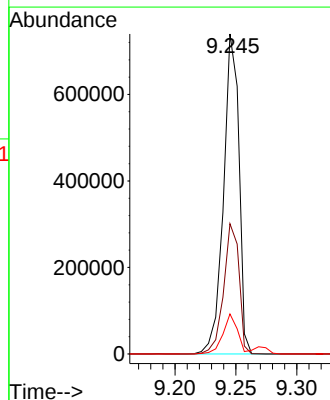
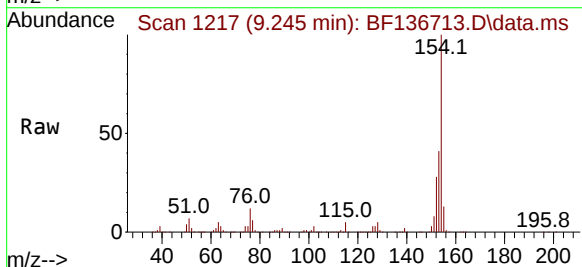
Tgt Ion:154 Resp: 652920

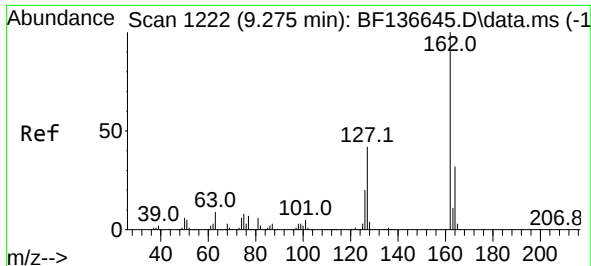
Ion Ratio Lower Upper

154 100

153 40.7 21.1 61.1

76 12.5 0.0 31.7





#47

2-Chloronaphthalene

Concen: 39.477 ng

RT: 9.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

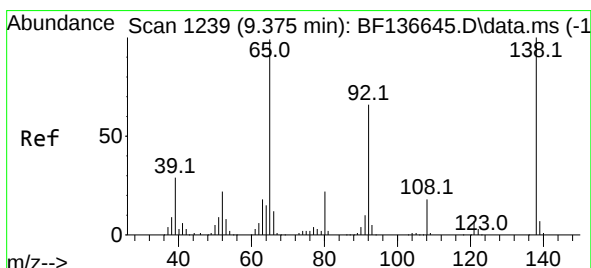
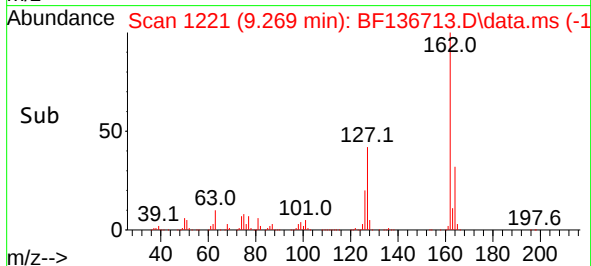
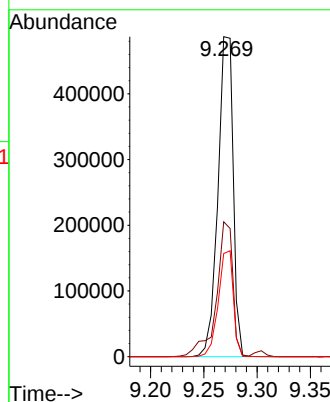
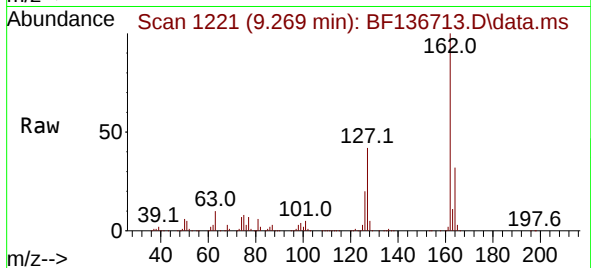
Tgt Ion:162 Resp: 482824

Ion Ratio Lower Upper

162 100

127 42.1 33.6 50.4

164 32.3 25.7 38.5



#48

2-Nitroaniline

Concen: 41.448 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

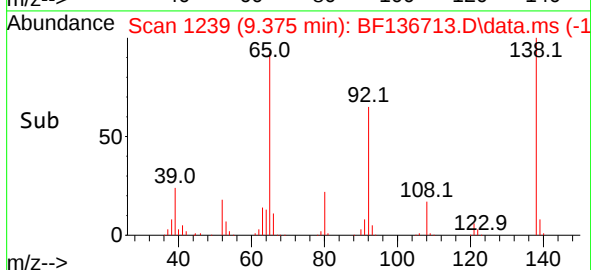
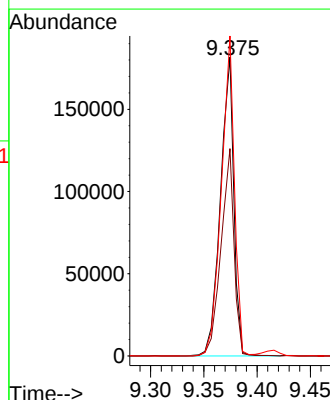
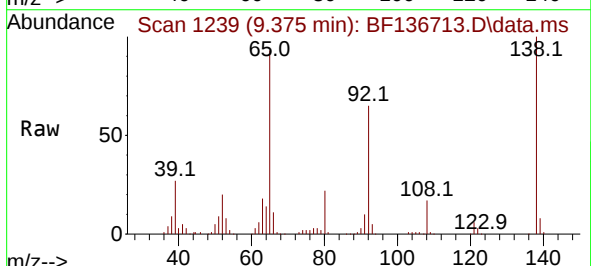
Tgt Ion: 65 Resp: 158744

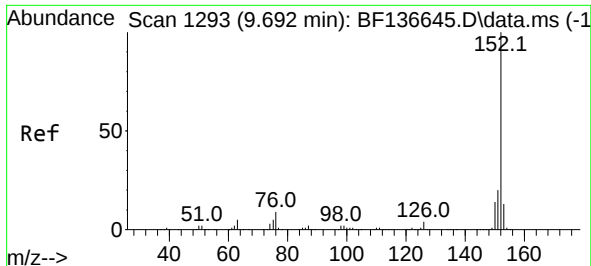
Ion Ratio Lower Upper

65 100

92 69.4 53.2 79.8

138 107.0 81.1 121.7





#49

Acenaphthylene

Concen: 40.616 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

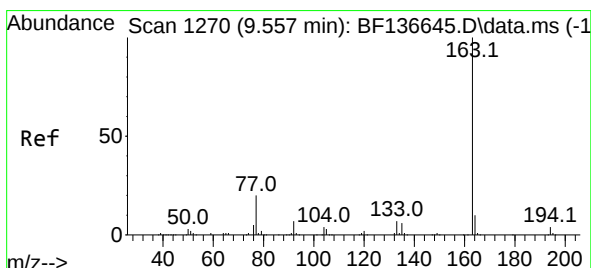
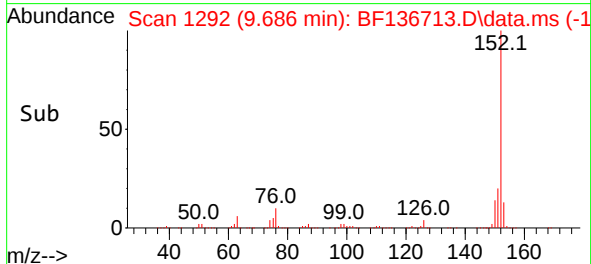
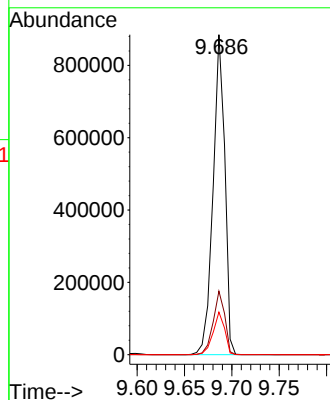
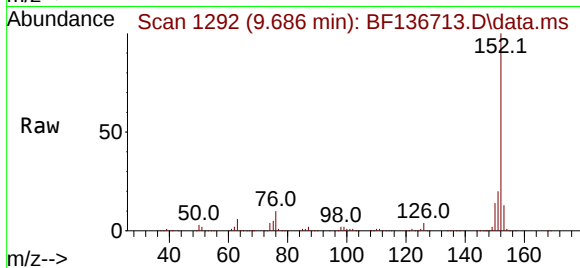
Tgt Ion:152 Resp: 759279

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

153 13.3 10.2 15.2



#50

Dimethylphthalate

Concen: 40.610 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

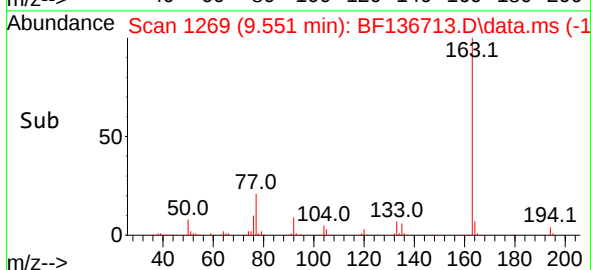
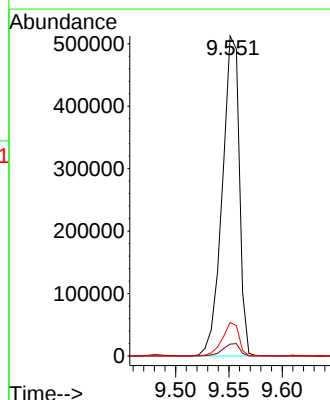
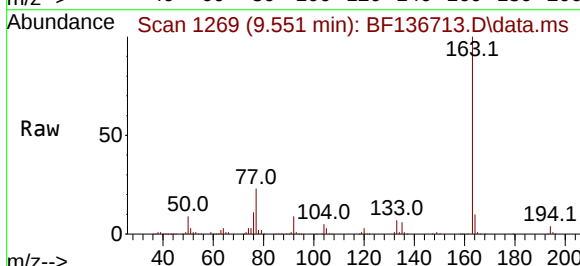
Tgt Ion:163 Resp: 568693

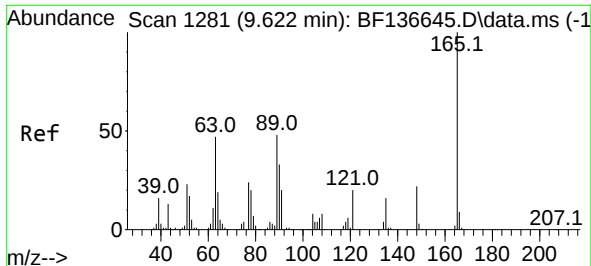
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 10.5 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 39.582 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

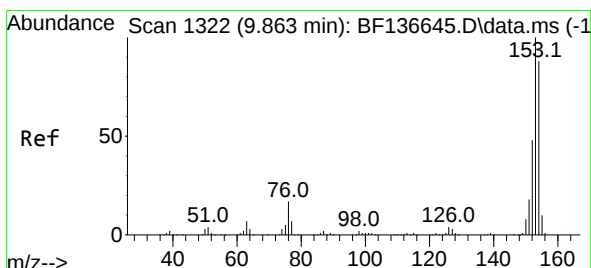
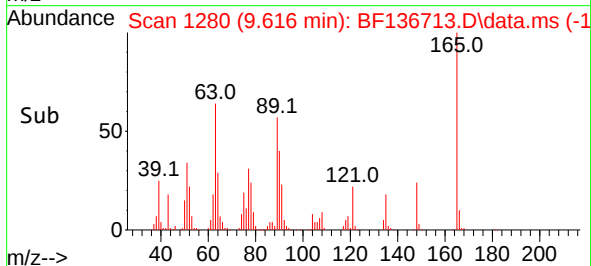
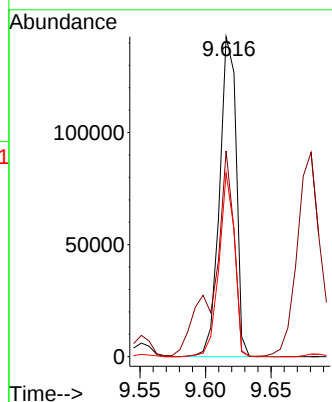
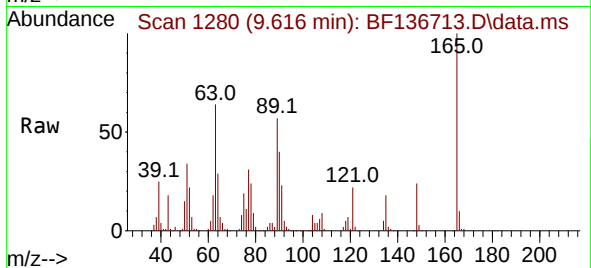
Tgt Ion:165 Resp: 125798

Ion Ratio Lower Upper

165 100

63 64.3 39.8 59.6#

89 57.4 38.8 58.2



#52

Acenaphthene

Concen: 39.276 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

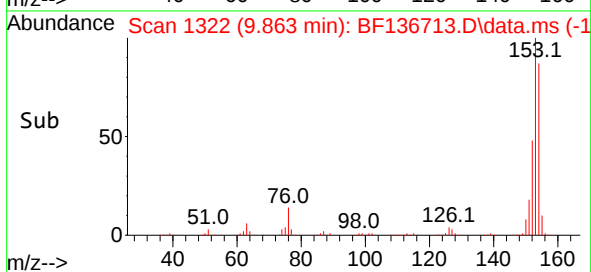
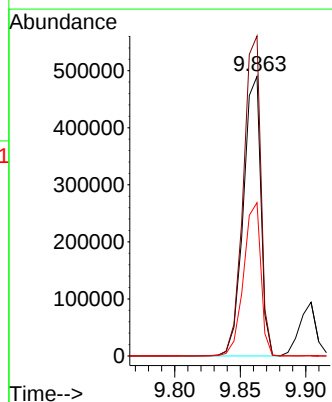
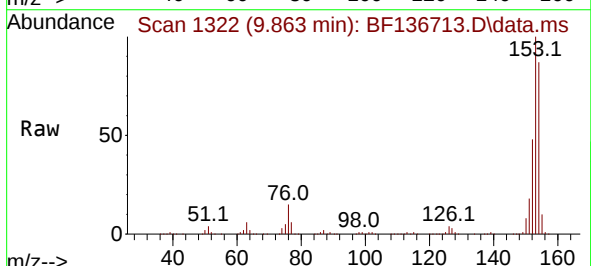
Tgt Ion:154 Resp: 455141

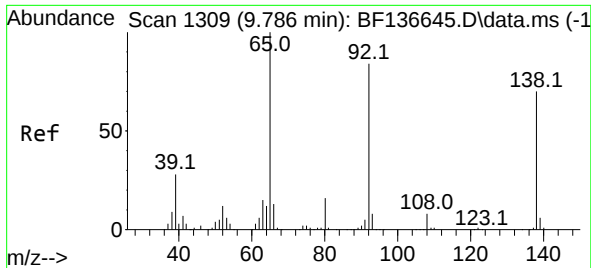
Ion Ratio Lower Upper

154 100

153 114.5 90.7 136.1

152 54.8 43.7 65.5

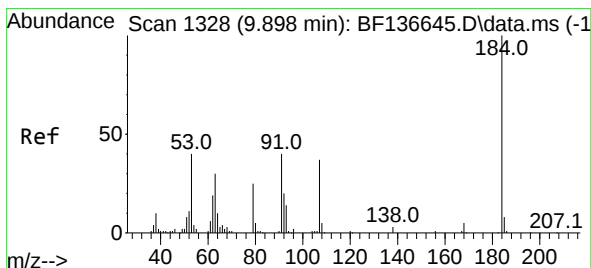
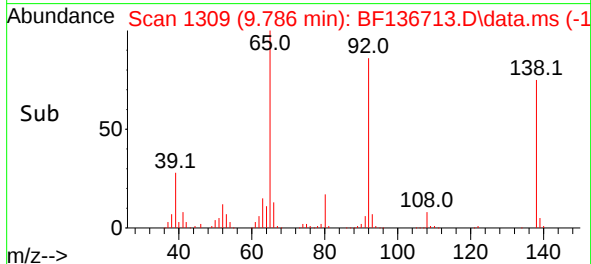
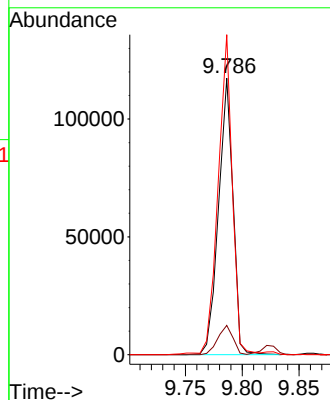
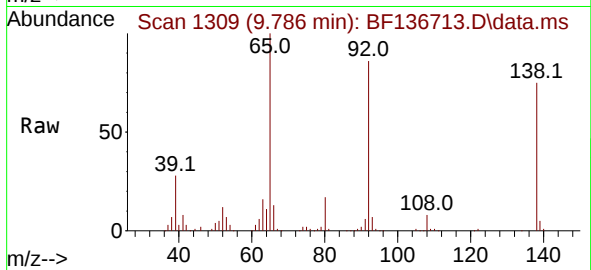




#53
3-Nitroaniline
Concen: 30.904 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

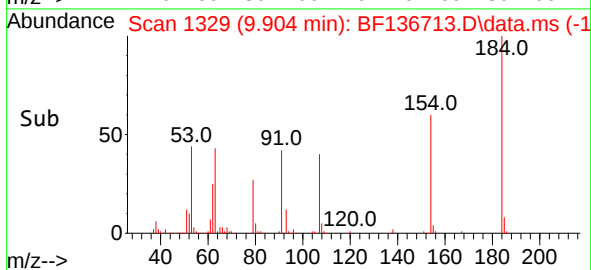
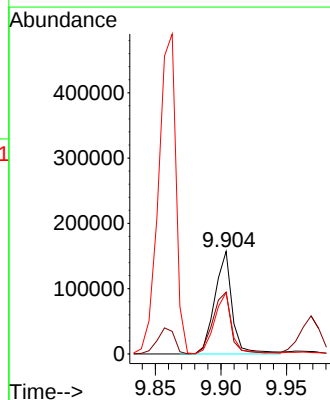
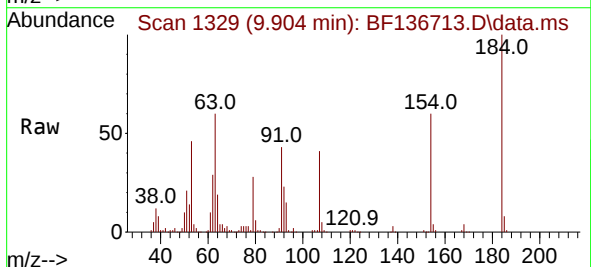
Instrument :
BNA_F
ClientSampleId :
PB157949BS

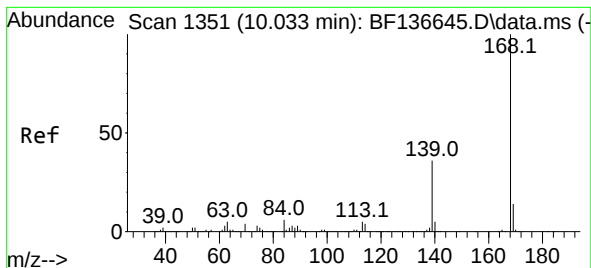
Tgt Ion:138 Resp: 104042
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 115.8 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 82.274 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:184 Resp: 145114
Ion Ratio Lower Upper
184 100
63 60.3 40.9 61.3
154 60.0 42.7 64.1





#55

Dibenzenofuran

Concen: 39.027 ng

RT: 10.033 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

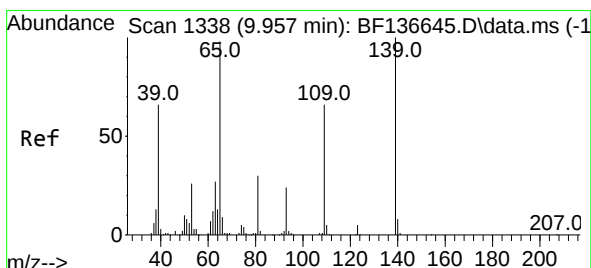
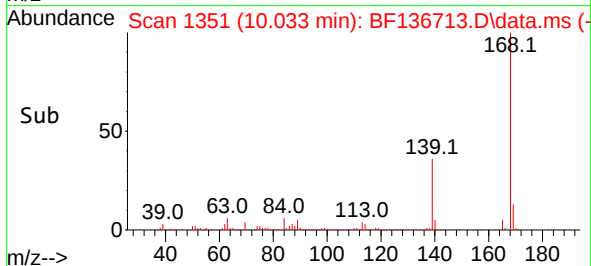
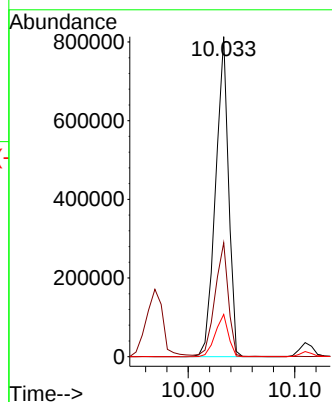
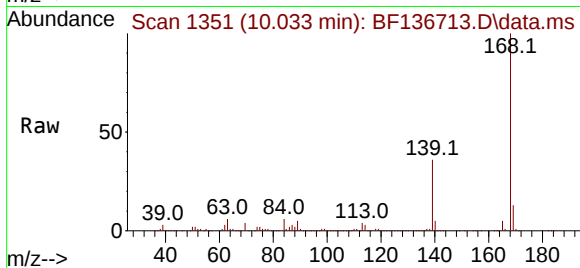
Tgt Ion:168 Resp: 685553

Ion Ratio Lower Upper

168 100

139 35.6 29.3 43.9

169 13.2 11.0 16.4



#56

4-Nitrophenol

Concen: 82.625 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

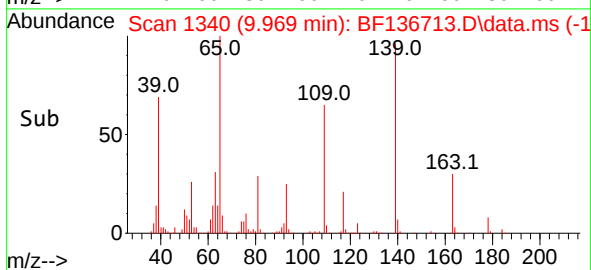
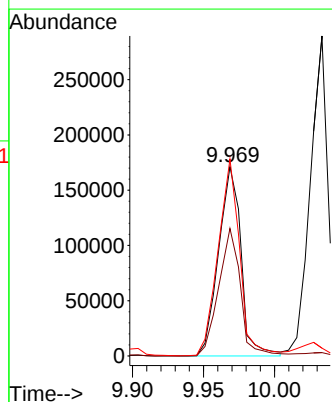
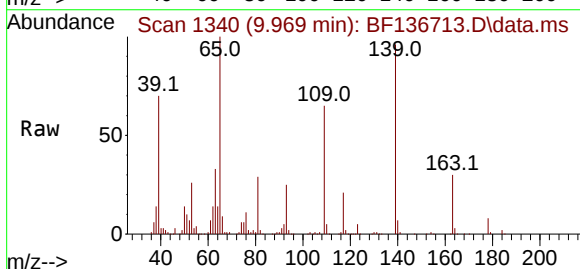
Tgt Ion:139 Resp: 187781

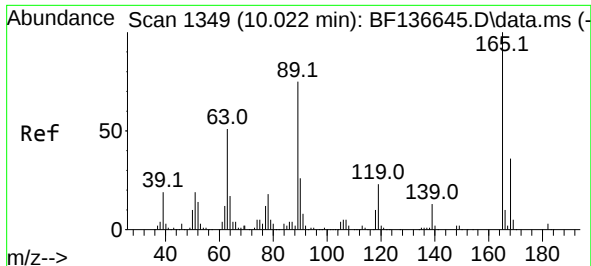
Ion Ratio Lower Upper

139 100

109 67.4 45.8 85.8

65 104.1 77.8 117.8

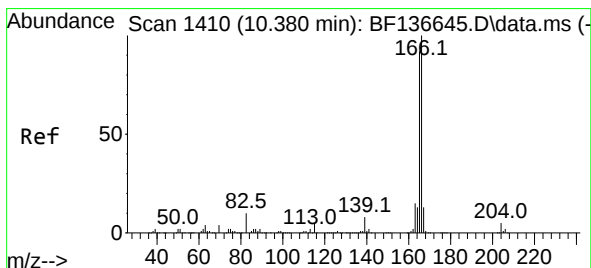
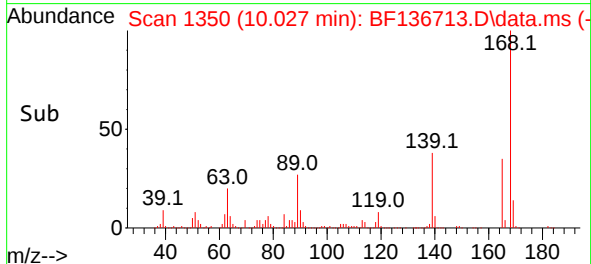
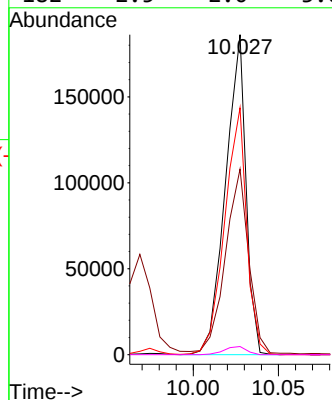
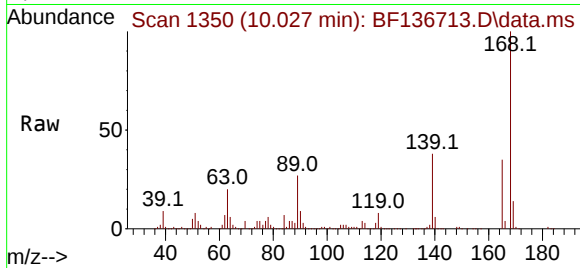




#57
2,4-Dinitrotoluene
Concen: 37.544 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

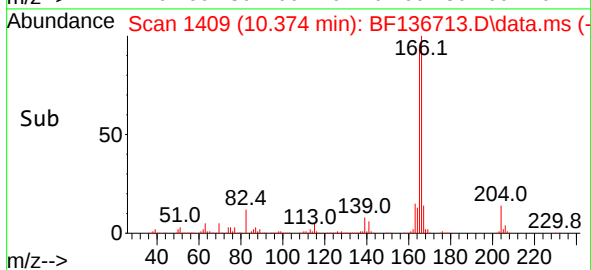
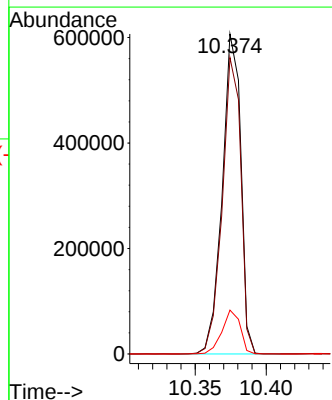
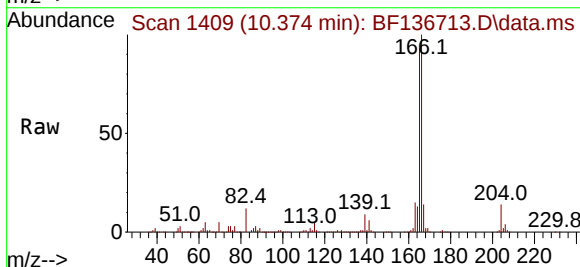
Instrument :
BNA_F
ClientSampleId :
PB157949BS

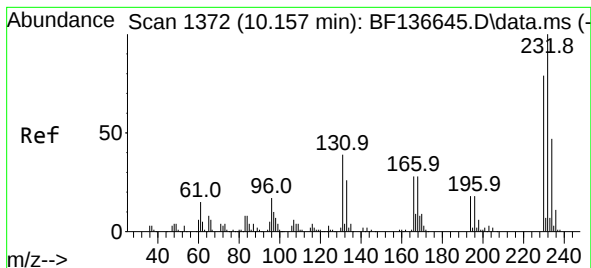
Tgt Ion:165 Resp: 154900
Ion Ratio Lower Upper
165 100
63 58.0 41.0 61.6
89 77.2 59.9 89.9
182 2.5 2.0 3.0



#58
Fluorene
Concen: 39.437 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:166 Resp: 549678
Ion Ratio Lower Upper
166 100
165 92.6 73.7 110.5
167 13.7 10.4 15.6

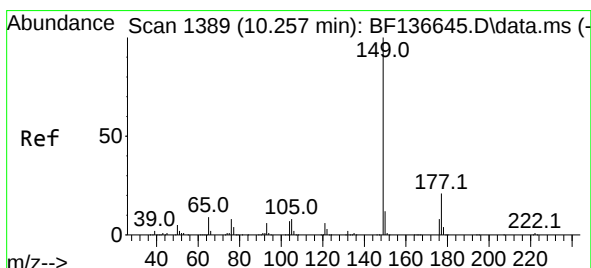
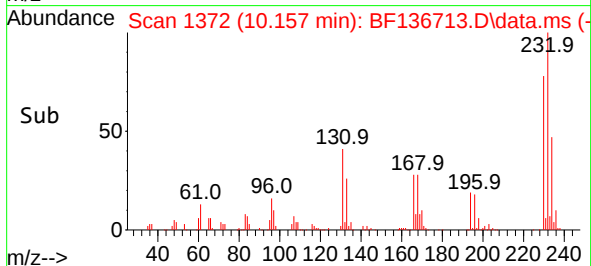
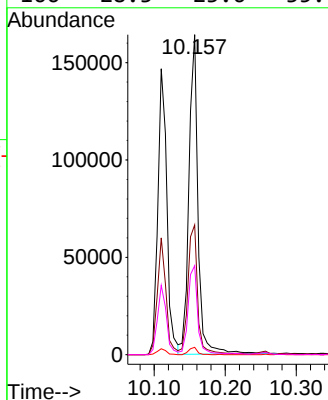
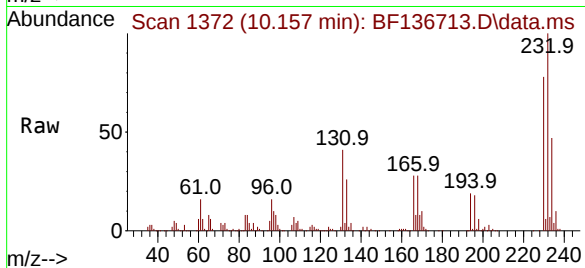




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.642 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

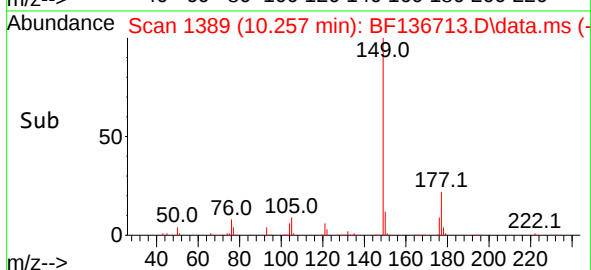
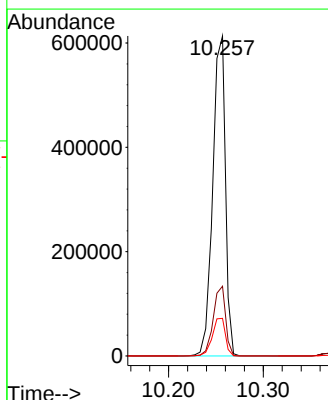
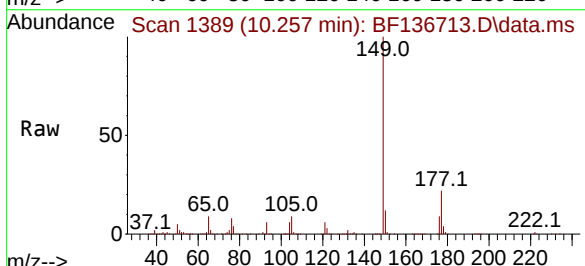
Instrument :
BNA_F
ClientSampleId :
PB157949BS

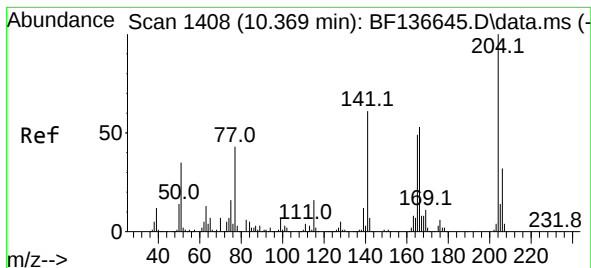
Tgt Ion:232 Resp: 145817
Ion Ratio Lower Upper
232 100
131 42.3 35.1 52.7
130 2.2 1.6 2.4
166 28.3 23.6 35.4



#60
Diethylphthalate
Concen: 39.063 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:149 Resp: 567576
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 11.7 9.3 13.9

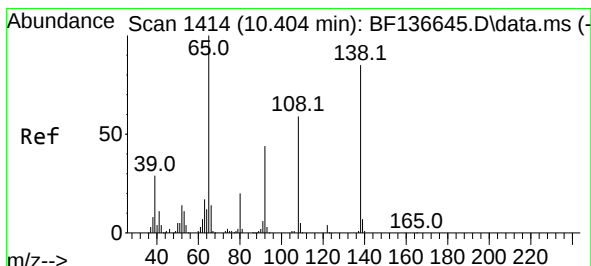
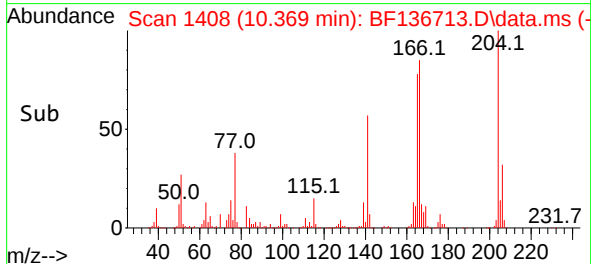
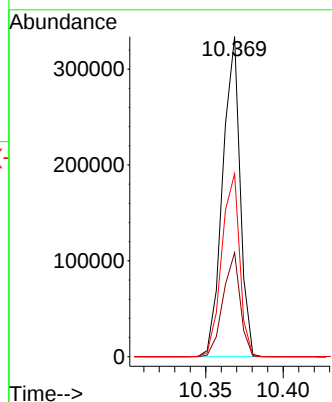
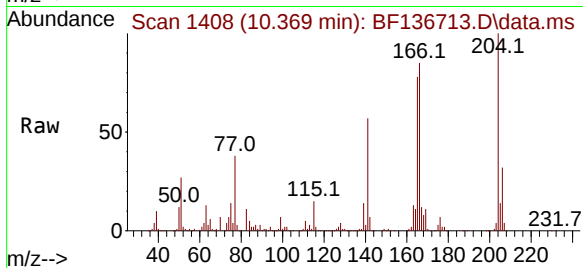




#61
4-Chlorophenyl-phenylether
Concen: 38.441 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

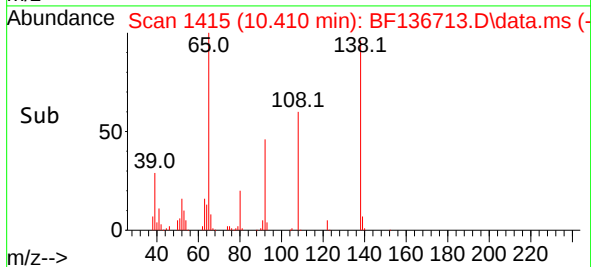
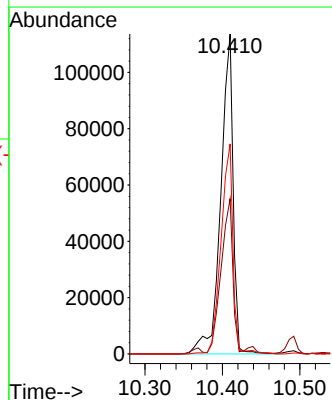
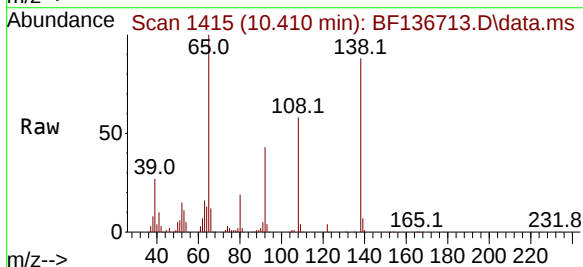
Instrument :
BNA_F
ClientSampleId :
PB157949BS

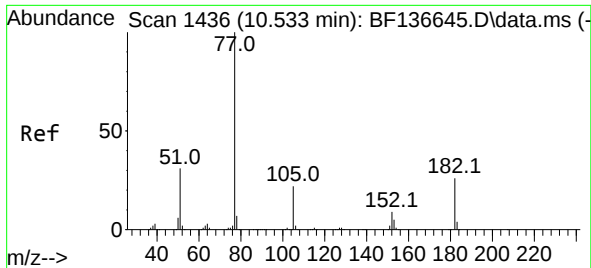
Tgt Ion:204 Resp: 260428
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 57.2 48.4 72.6



#62
4-Nitroaniline
Concen: 38.827 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:138 Resp: 126013
Ion Ratio Lower Upper
138 100
92 48.5 32.1 72.1
108 65.7 50.1 90.1

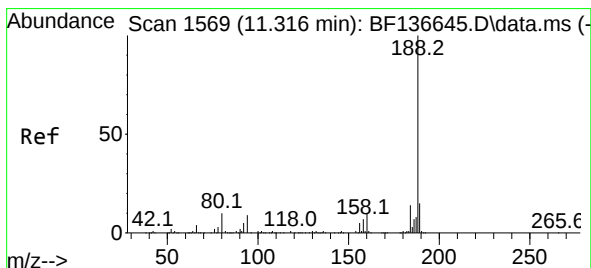
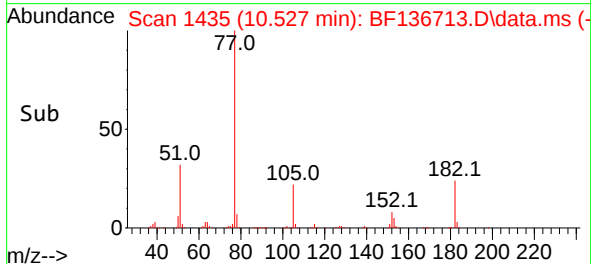
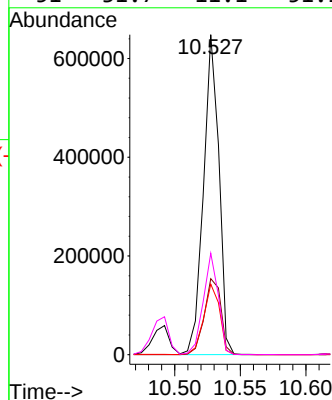
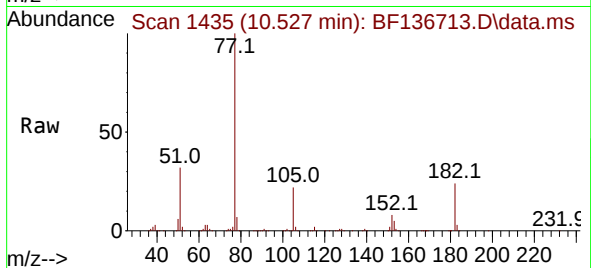




#63
Azobenzene
Concen: 39.139 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

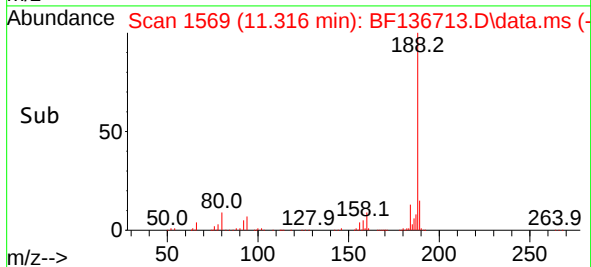
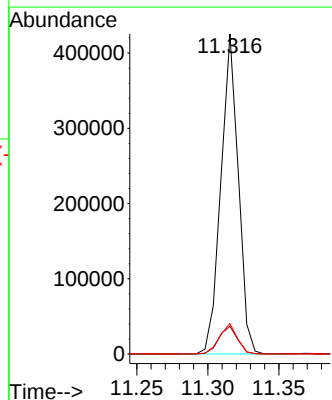
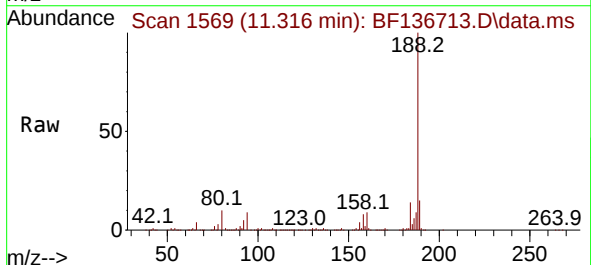
Instrument :
BNA_F
ClientSampleId :
PB157949BS

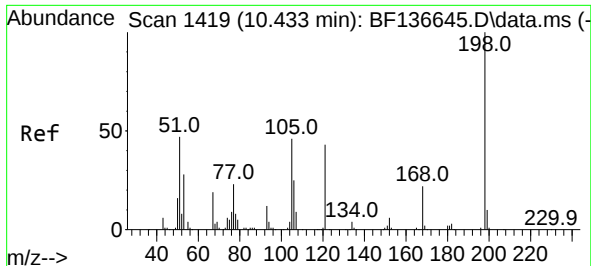
Tgt Ion: 77	Resp: 531148
Ion Ratio	Lower Upper
77 100	
182 23.8	6.0 46.0
105 22.0	2.3 42.3
51 31.7	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:188	Resp: 362486
Ion Ratio	Lower Upper
188 100	
94 8.6	7.5 11.3
80 9.5	8.1 12.1

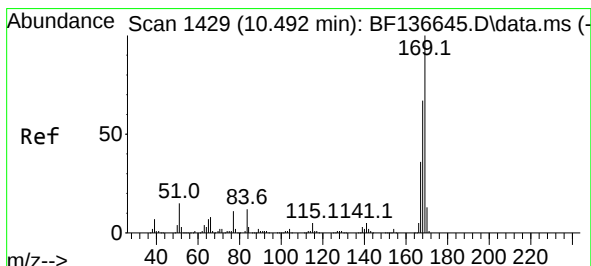
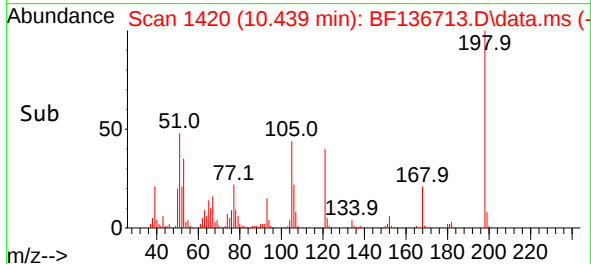
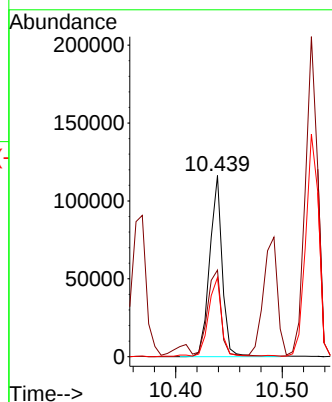
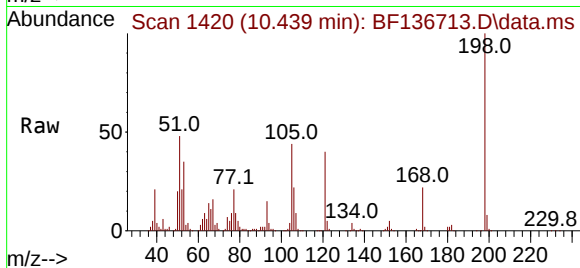




#65
4,6-Dinitro-2-methylphenol
Concen: 45.841 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

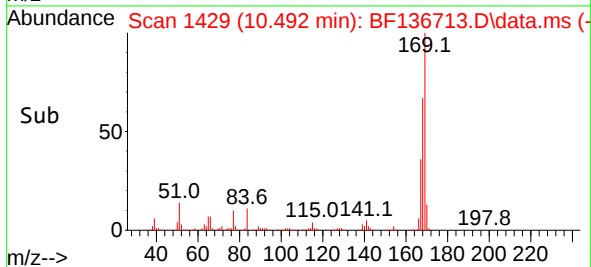
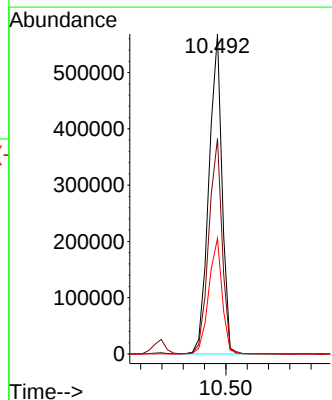
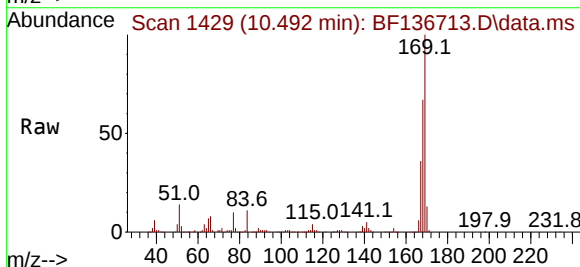
Instrument :
BNA_F
ClientSampleId :
PB157949BS

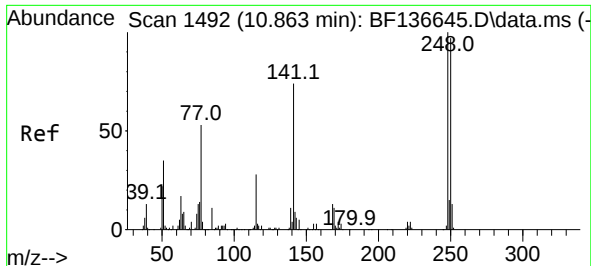
Tgt Ion:198 Resp: 95230
Ion Ratio Lower Upper
198 100
51 47.7 34.1 74.1
105 43.7 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.489 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

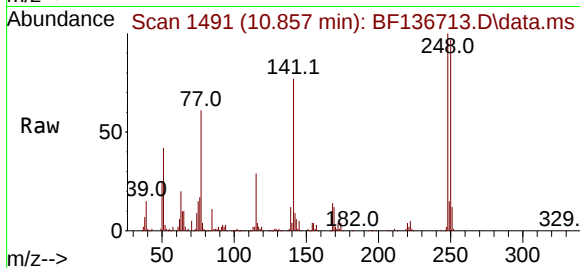
Tgt Ion:169 Resp: 488538
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 36.1 28.7 43.1



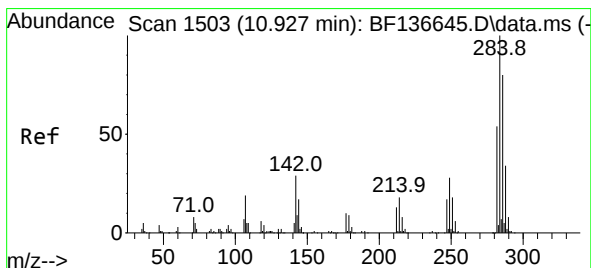
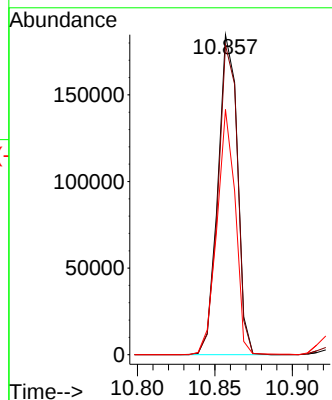
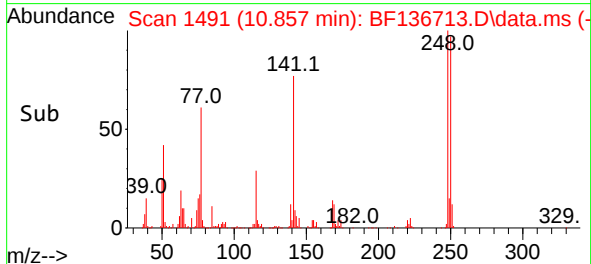


#67
4-Bromophenyl-phenylether
Concen: 40.203 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB157949BS

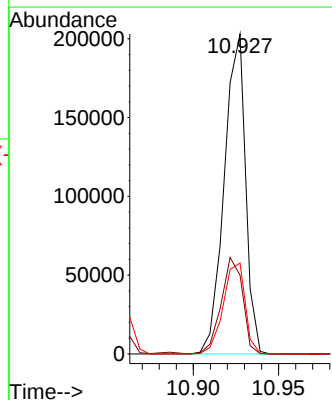
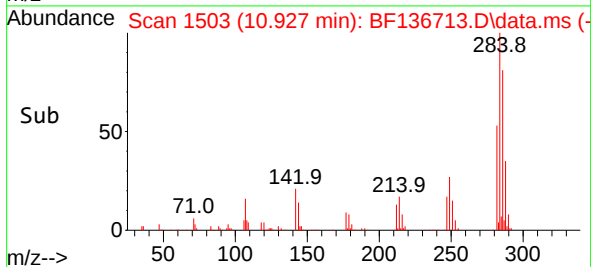
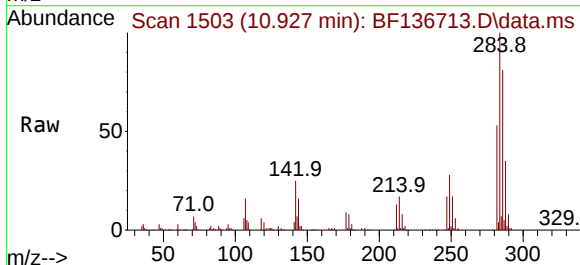


Tgt Ion:248 Resp: 161843
Ion Ratio Lower Upper
248 100
250 96.7 77.8 116.6
141 76.6 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.361 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:284 Resp: 176583
Ion Ratio Lower Upper
284 100
142 24.6 23.4 35.0
249 28.4 22.3 33.5





#69

Atrazine

Concen: 60.960 ng

RT: 11.027 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

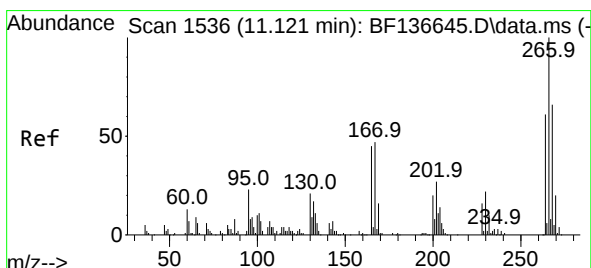
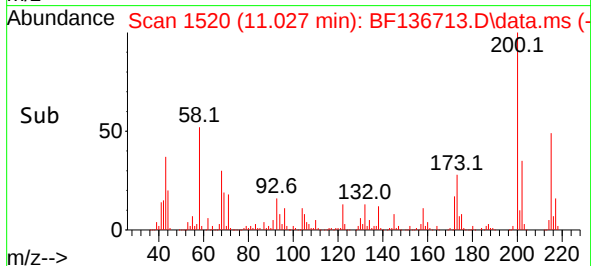
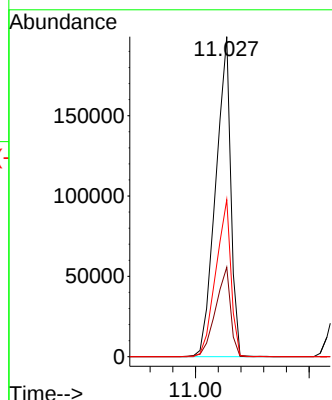
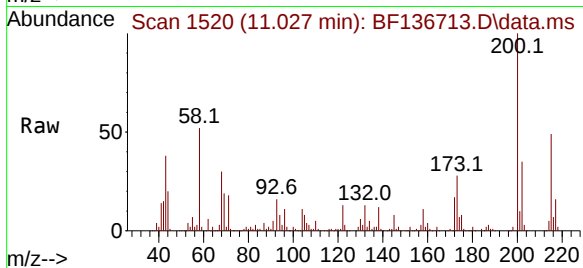
Tgt Ion:200 Resp: 183595

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

215 49.1 28.3 68.3



#70

Pentachlorophenol

Concen: 80.770 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

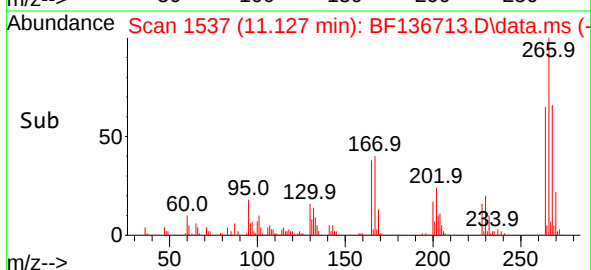
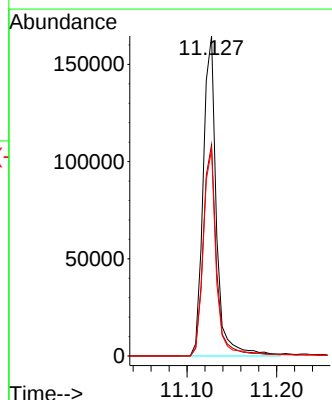
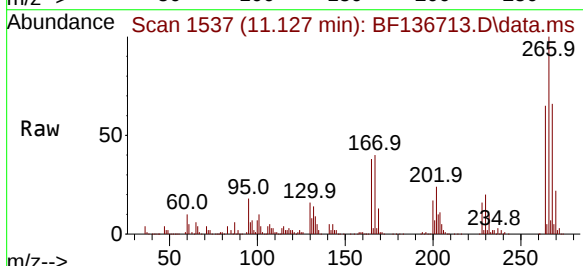
Tgt Ion:266 Resp: 168899

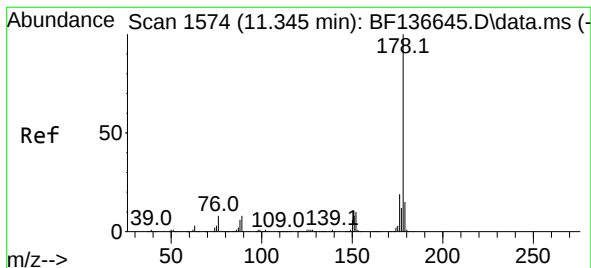
Ion Ratio Lower Upper

266 100

268 66.0 52.6 78.8

264 64.5 49.0 73.4





#71

Phenanthrene

Concen: 41.347 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

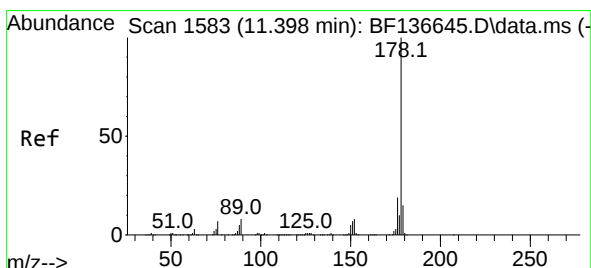
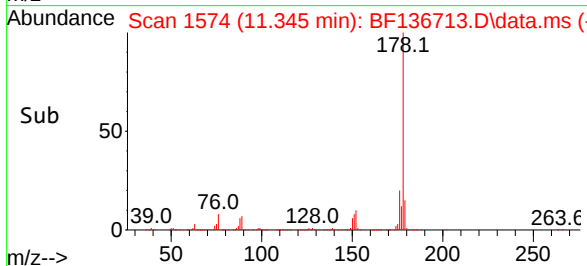
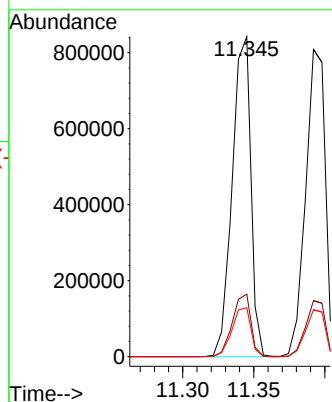
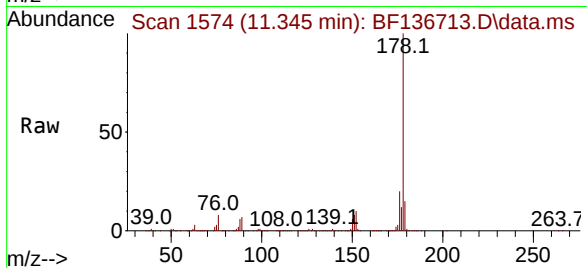
Tgt Ion:178 Resp: 769035

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.3 11.9 17.9



#72

Anthracene

Concen: 41.199 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

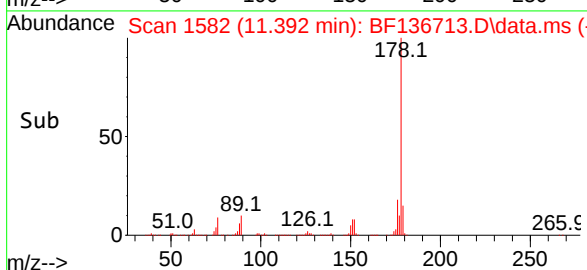
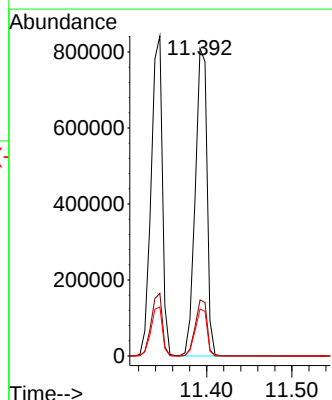
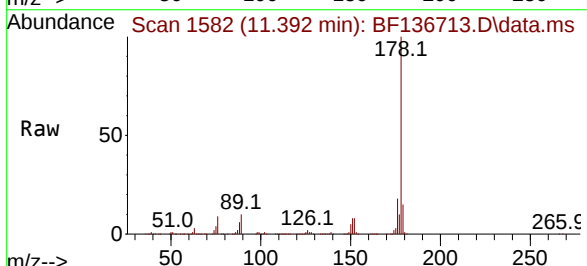
Tgt Ion:178 Resp: 776029

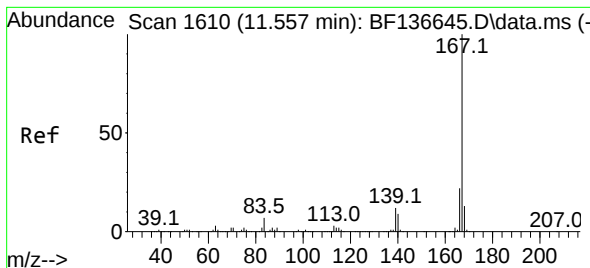
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.2 11.8 17.6





#73

Carbazole

Concen: 40.303 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

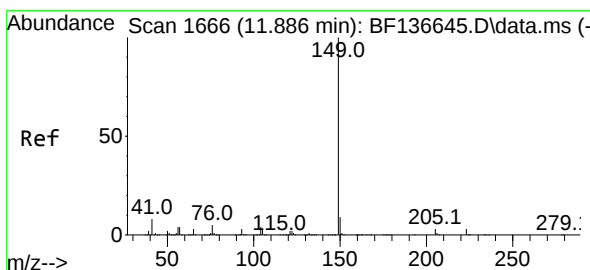
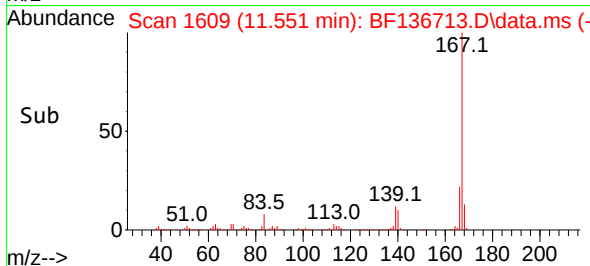
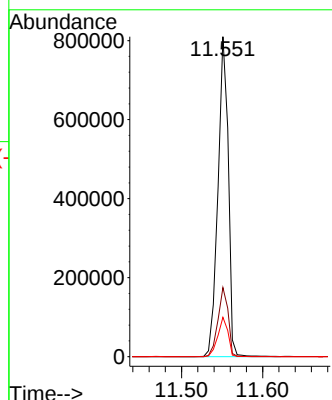
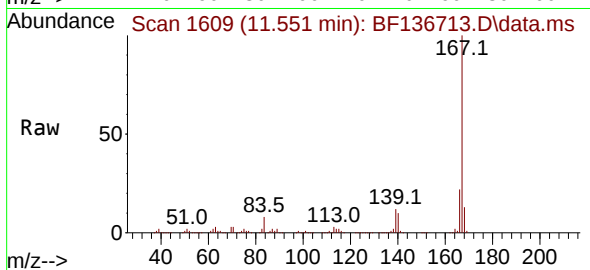
Tgt Ion:167 Resp: 715742

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.3 9.8 14.6



#74

Di-n-butylphthalate

Concen: 40.230 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

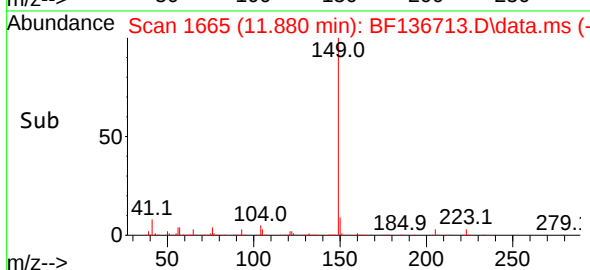
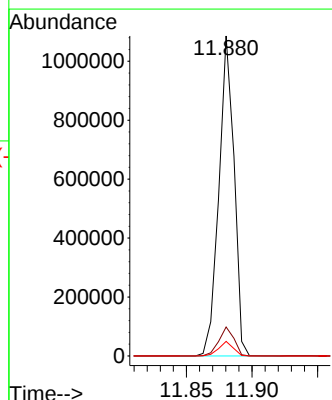
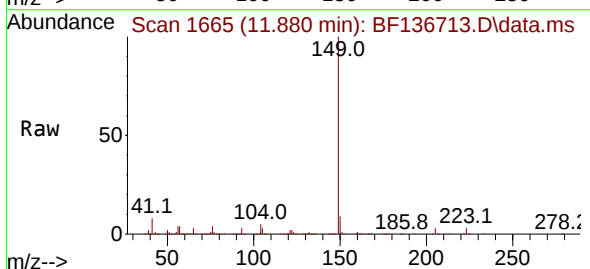
Tgt Ion:149 Resp: 871800

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

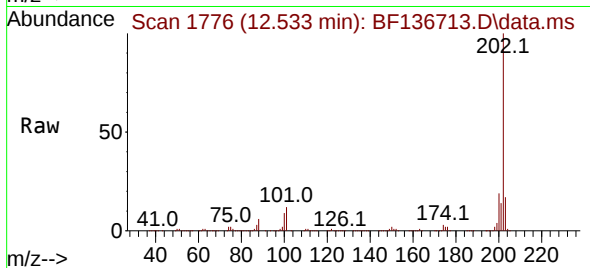
104 4.5 3.6 5.4



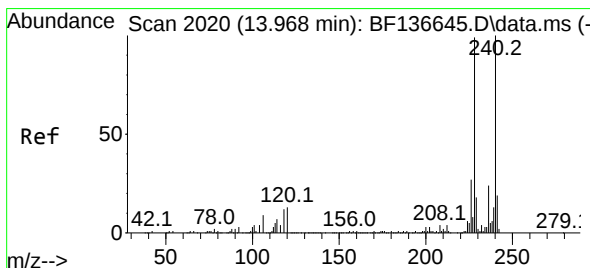
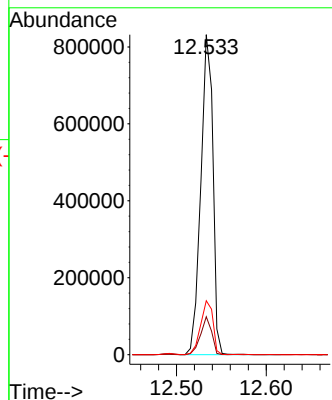
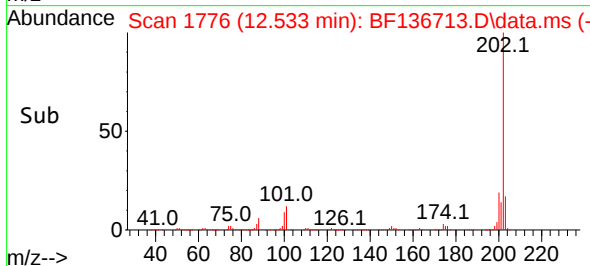


#75
Fluoranthene
Concen: 39.057 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

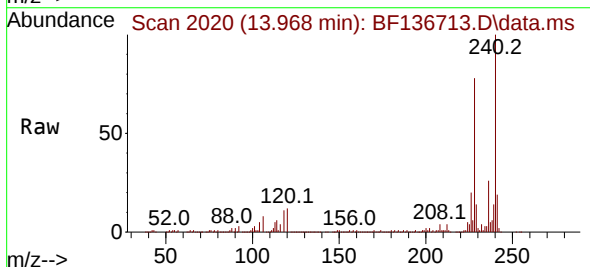
Instrument :
BNA_F
ClientSampleId :
PB157949BS



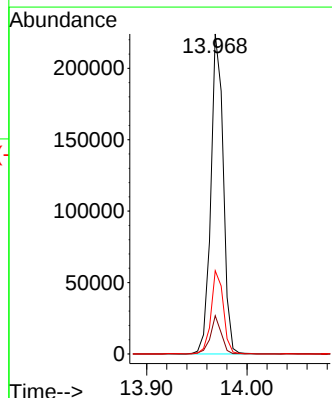
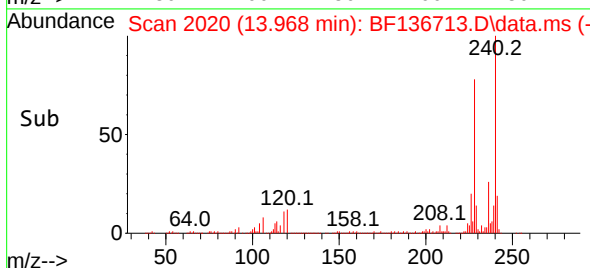
Tgt Ion:202 Resp: 777045
Ion Ratio Lower Upper
202 100
101 11.9 0.0 29.3
203 16.9 0.0 37.1

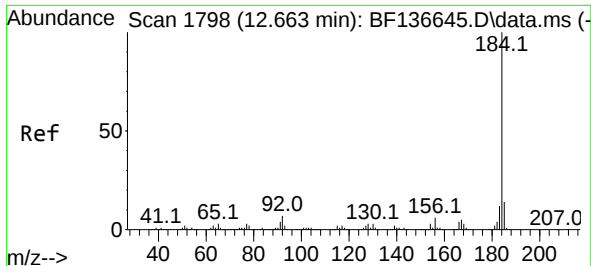


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



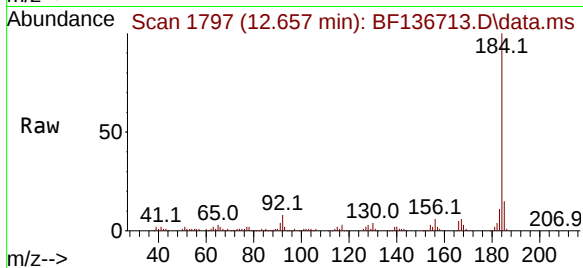
Tgt Ion:240 Resp: 193699
Ion Ratio Lower Upper
240 100
120 12.0 10.3 15.5
236 26.0 19.4 29.2



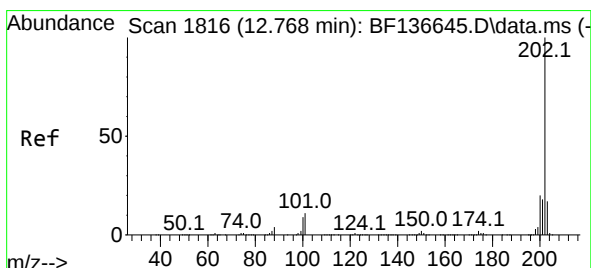
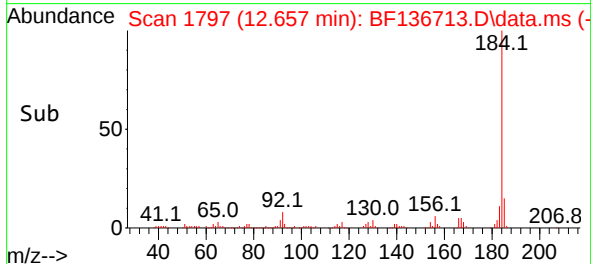
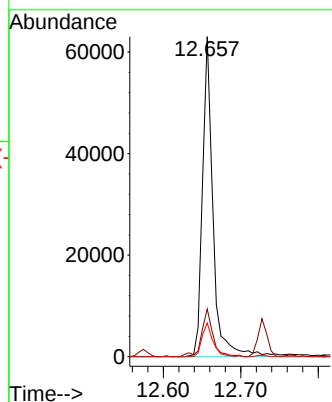


#77
Benzidine
Concen: 10.417 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB157949BS

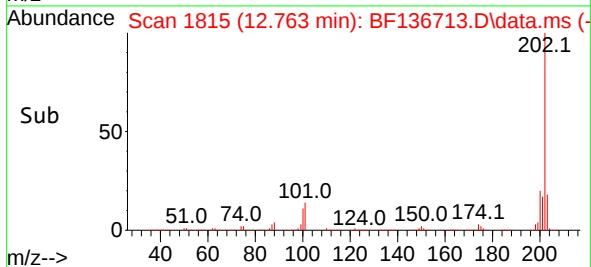
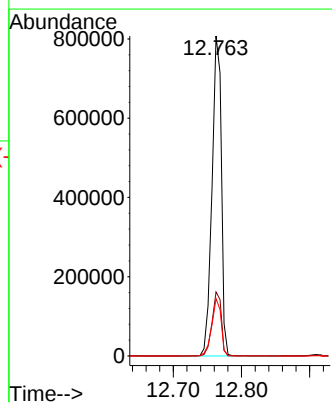
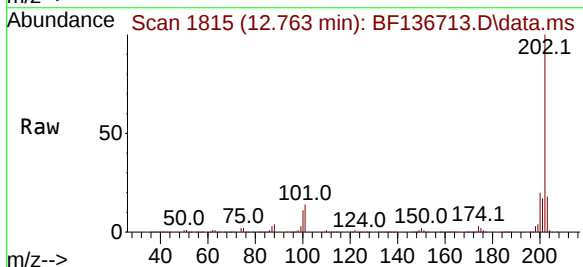


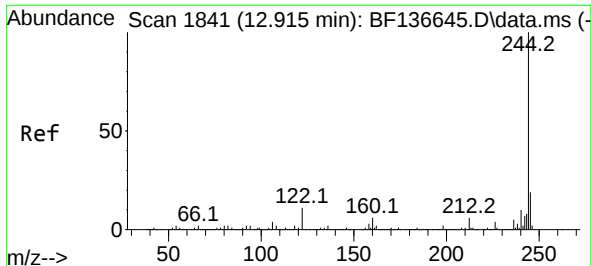
Tgt Ion:184 Resp: 59496
Ion Ratio Lower Upper
184 100
185 14.9 11.2 16.8
183 10.6 9.3 13.9



#78
Pyrene
Concen: 40.585 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

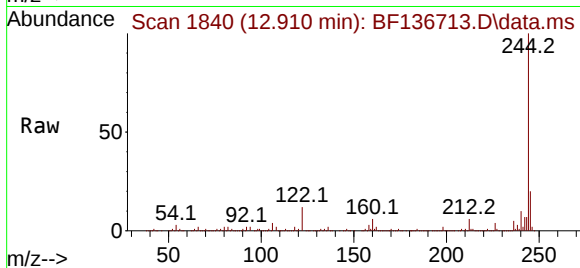
Tgt Ion:202 Resp: 771720
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.9 13.8 20.6



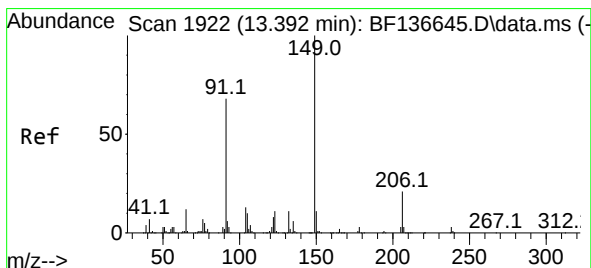
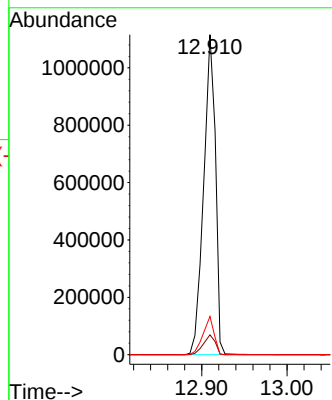
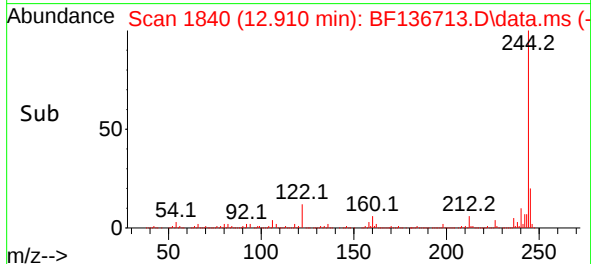


#79
 Terphenyl-d14
 Concen: 77.217 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136713.D
 Acq: 26 Dec 2023 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB157949BS

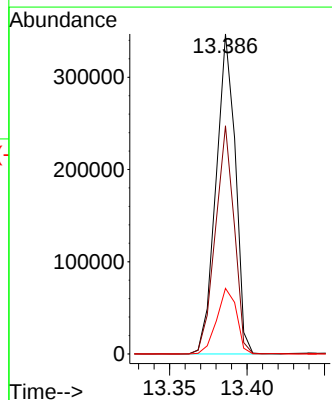
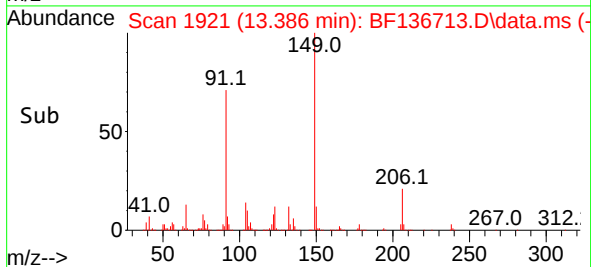
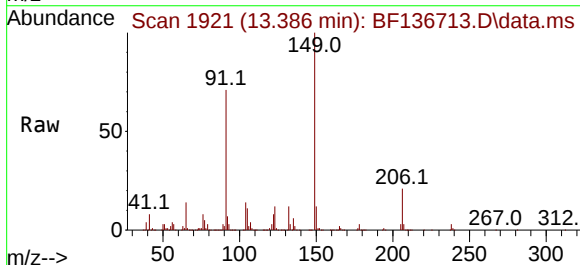


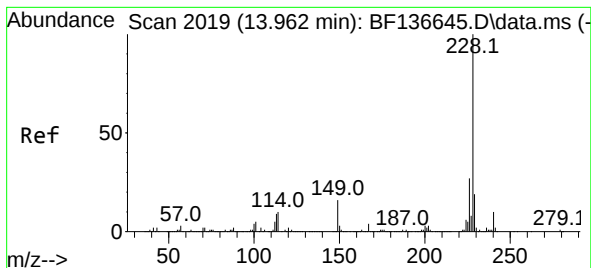
Tgt Ion:244 Resp: 1070277
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.9 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 43.479 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136713.D
 Acq: 26 Dec 2023 11:47

Tgt Ion:149 Resp: 300832
 Ion Ratio Lower Upper
 149 100
 91 71.3 54.1 81.1
 206 20.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.955 ng

RT: 13.957 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

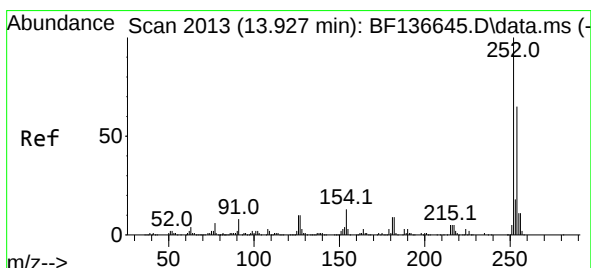
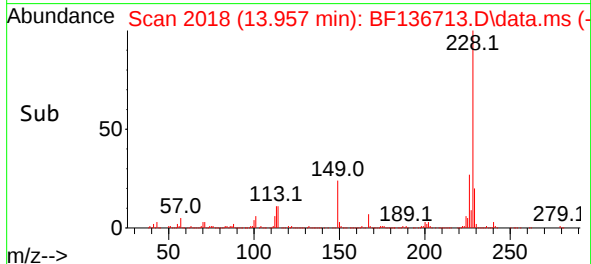
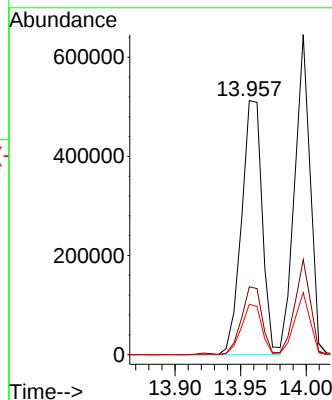
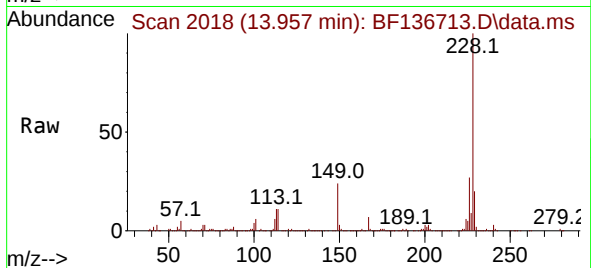
Tgt Ion:228 Resp: 564306

Ion Ratio Lower Upper

228 100

226 26.7 21.4 32.0

229 19.8 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 42.049 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

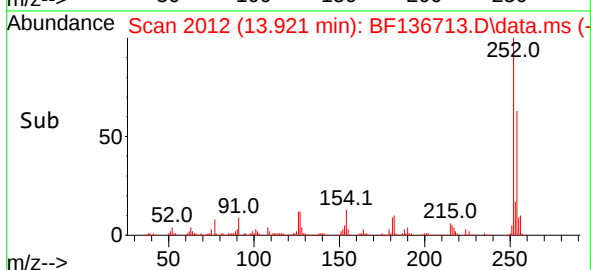
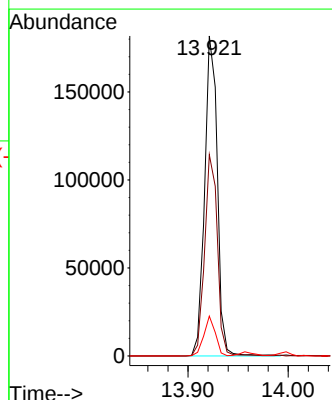
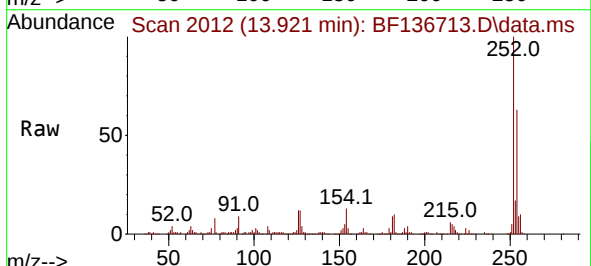
Tgt Ion:252 Resp: 160617

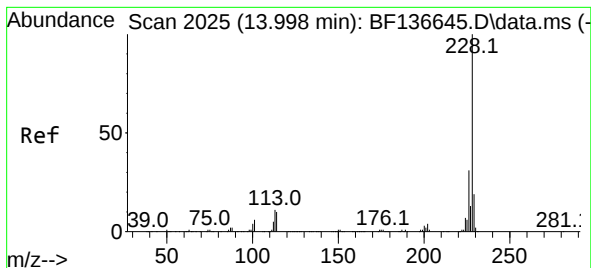
Ion Ratio Lower Upper

252 100

254 62.9 52.2 78.4

126 12.5 8.0 12.0#





#83

Chrysene

Concen: 40.260 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

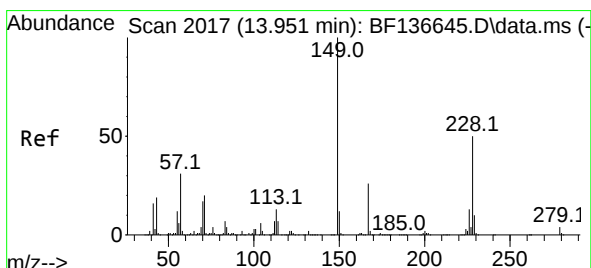
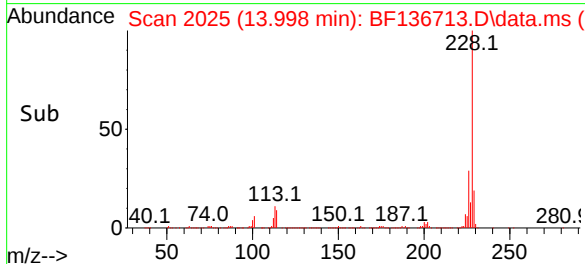
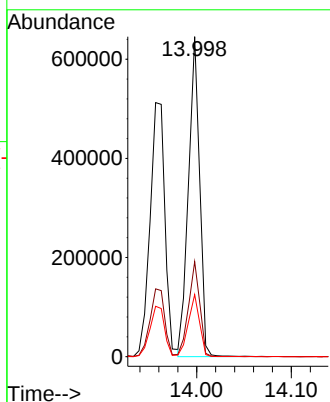
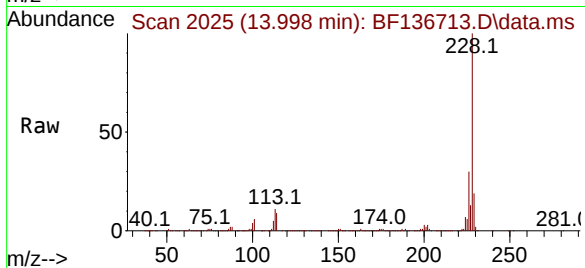
Tgt Ion:228 Resp: 529534

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

229 19.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.224 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

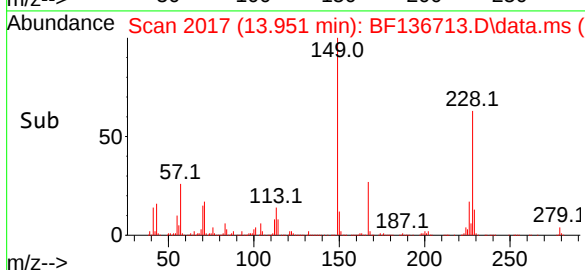
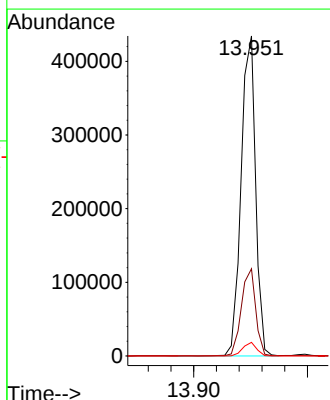
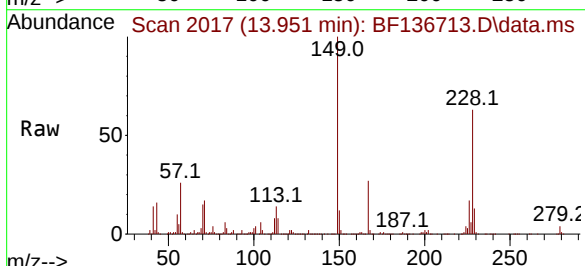
Tgt Ion:149 Resp: 384979

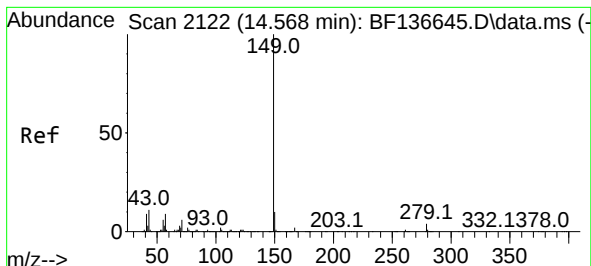
Ion Ratio Lower Upper

149 100

167 27.2 20.9 31.3

279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.757 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

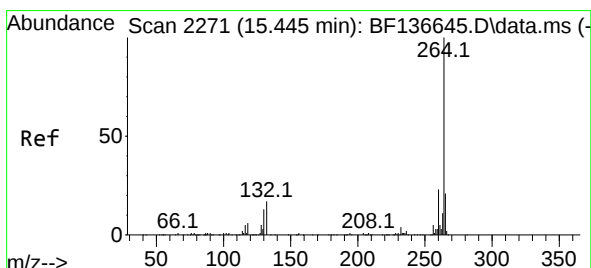
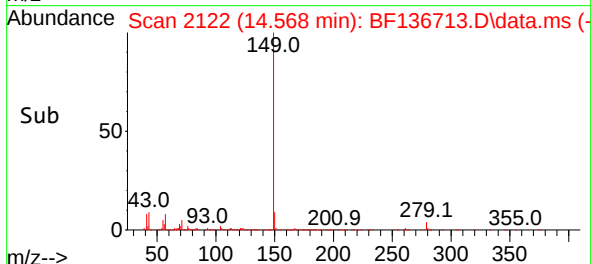
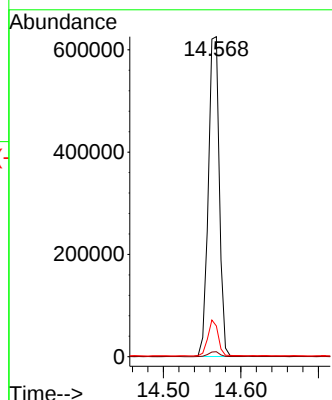
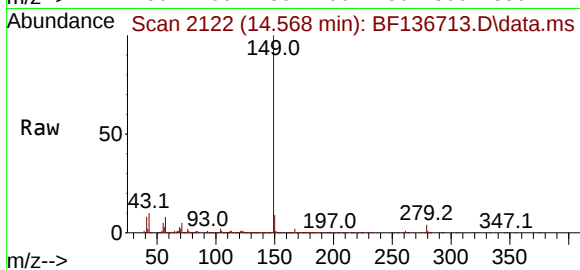
Tgt Ion:149 Resp: 616149

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

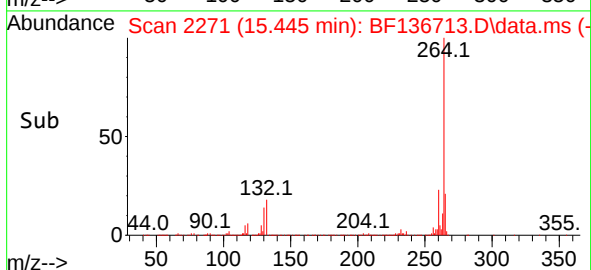
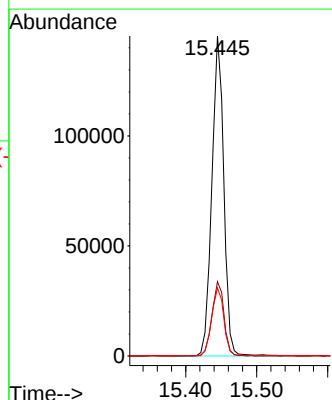
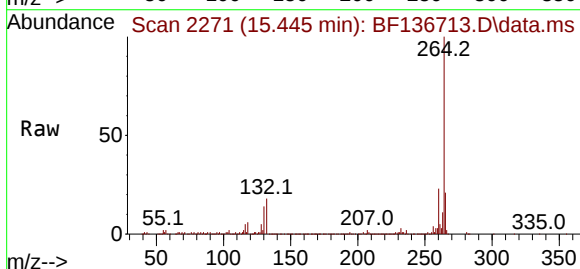
Tgt Ion:264 Resp: 169585

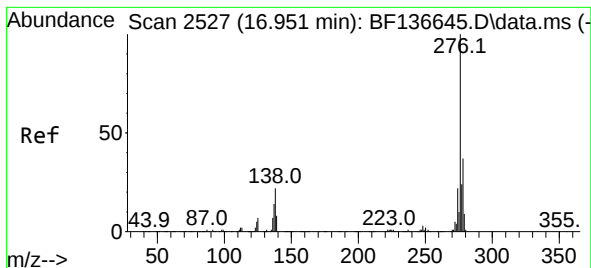
Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.418 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

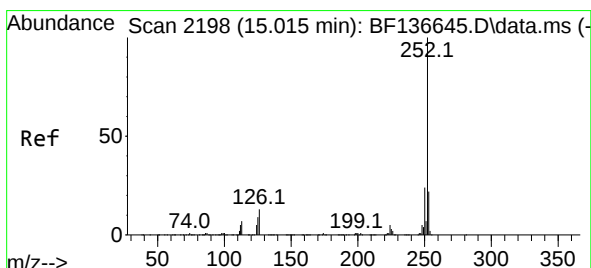
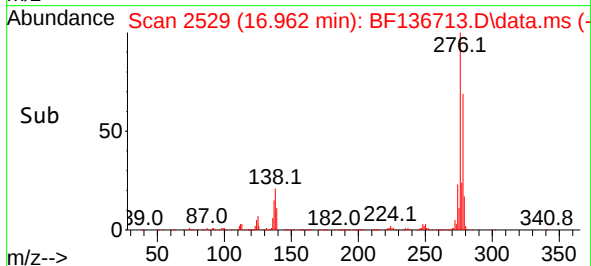
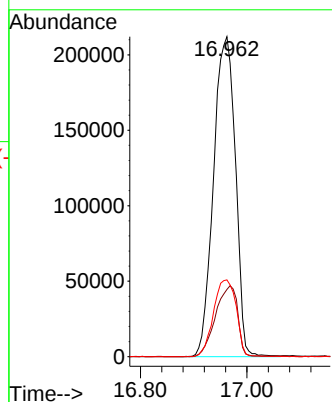
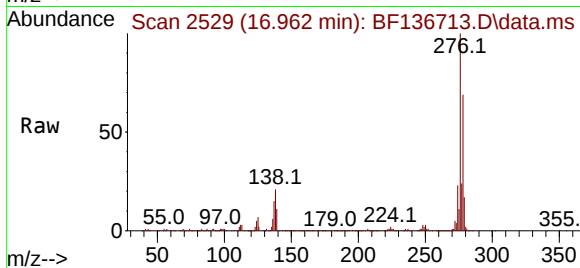
Tgt Ion:276 Resp: 605089

Ion Ratio Lower Upper

276 100

138 22.4 18.7 28.1

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.412 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

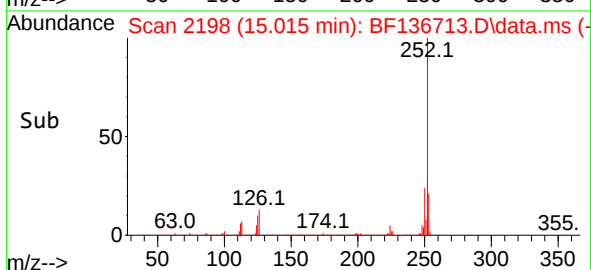
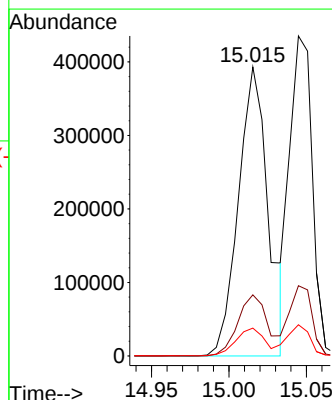
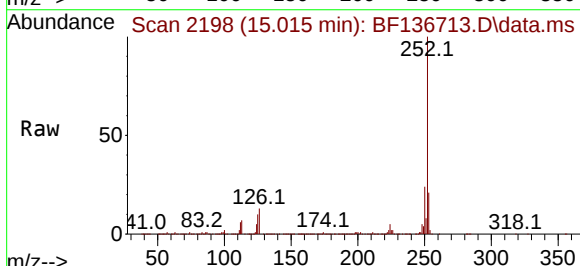
Tgt Ion:252 Resp: 525691

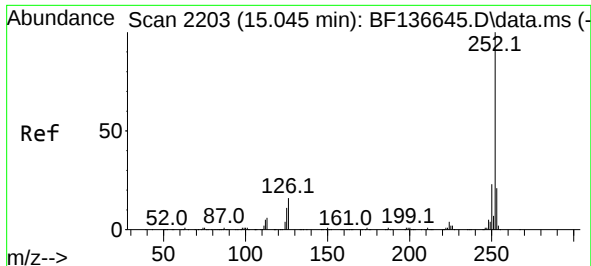
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 9.6 7.4 11.2

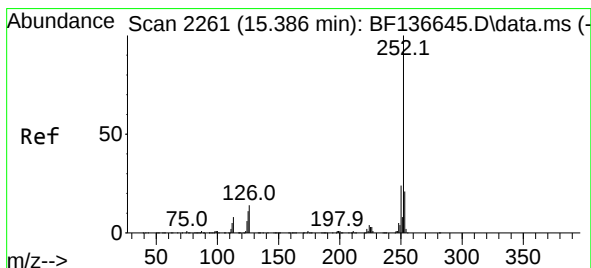
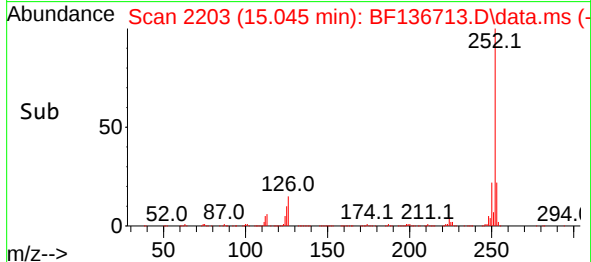
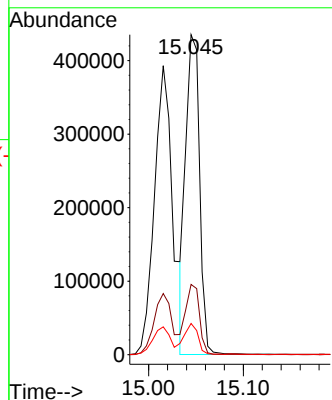
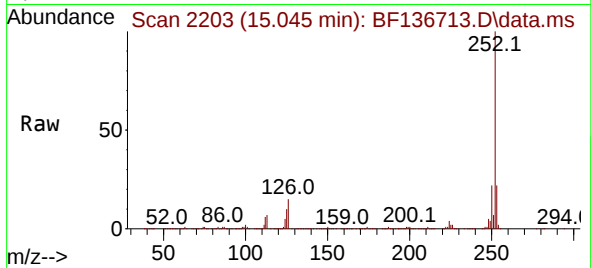




#89
Benzo(k)fluoranthene
Concen: 41.536 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

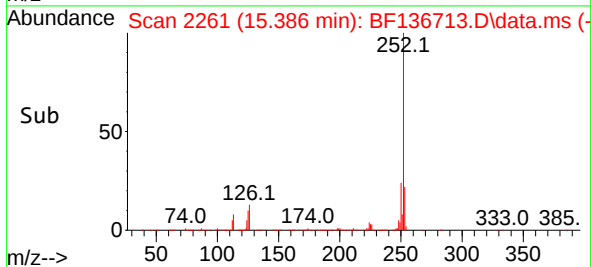
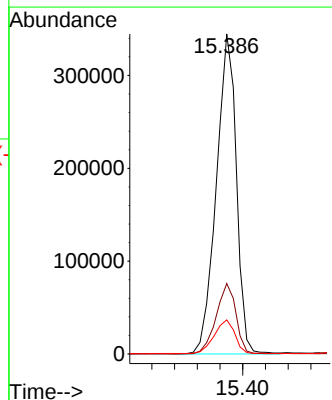
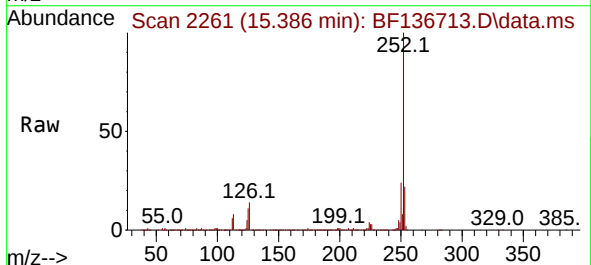
Instrument :
BNA_F
ClientSampleId :
PB157949BS

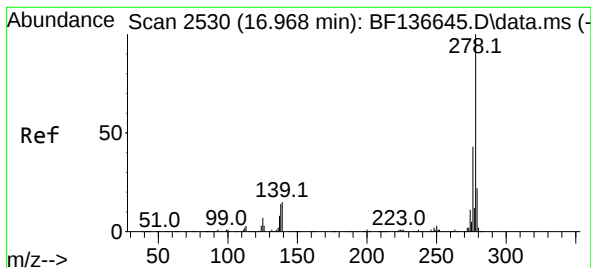
Tgt Ion:252 Resp: 444546
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.8 8.2 12.4



#90
Benzo(a)pyrene
Concen: 44.265 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:252 Resp: 423217
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 50.298 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

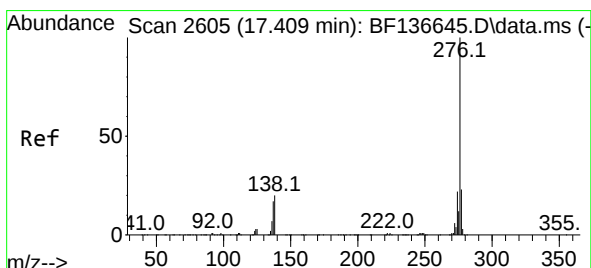
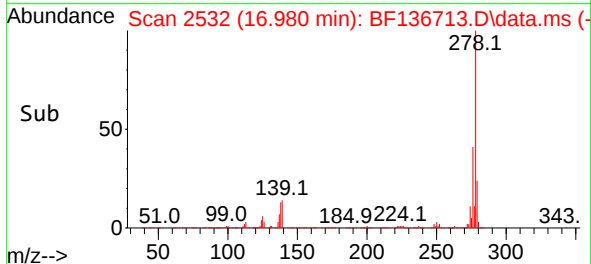
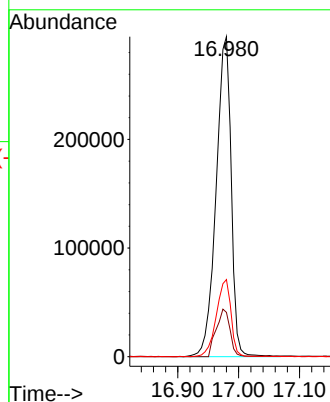
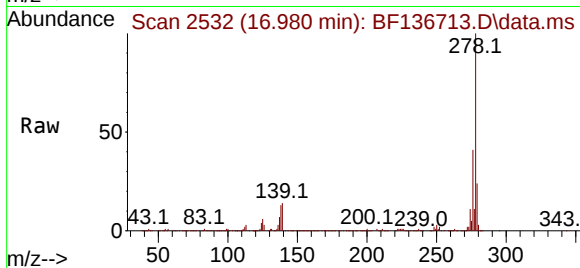
Tgt Ion:278 Resp: 505258

Ion Ratio Lower Upper

278 100

139 13.8 12.2 18.4

279 24.1 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 49.814 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.012 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Tgt Ion:276 Resp: 512506

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 18.2 15.6 23.4

