

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123856.D
 Acq On : 6 May 2021 15:56
 Operator : JU/CG
 Sample : M2304-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

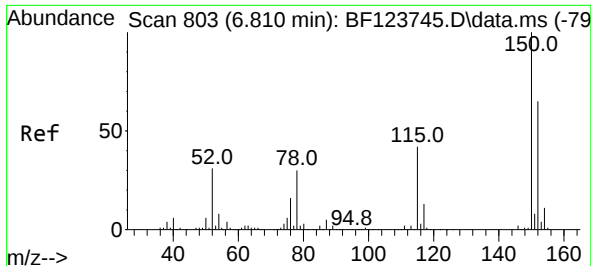
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

Quant Time: May 06 16:22:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	160392	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	609887	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	316373	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	604926	20.00	ng	0.00
76) Chrysene-d12	13.963	240	558714	20.00	ng	#-0.01
86) Perylene-d12	15.421	264	487345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	771657	76.22	ng	0.00
7) Phenol-d6	6.428	99	629152	45.11	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1317028	97.48	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	543585	138.02	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2042145	94.00	ng	0.00
79) Terphenyl-d14	12.916	244	2430859	83.78	ng	0.00
Target Compounds						Qvalue
17) 2-Methylphenol	7.210	107	19719	2.12	ng	# 72
18) Hexachloroethane	7.328	117	169073	38.37	ng	# 19
19) n-Nitroso-di-n-propyla...	7.357	70	179950	20.90	ng	# 72
22) Acetophenone	7.134	105	52435	3.16	ng	# 60
24) Nitrobenzene	7.363	77	35524	2.52	ng	# 1
25) Isophorone	7.357	82	1317016	51.99	ng	# 69
32) Benzoic acid	7.875	122	443	5.45	ng	# 1
50) Dimethylphthalate	9.551	163	110745	4.97	ng	100
52) Acenaphthene	9.869	154	72437	3.77	ng	93
58) Fluorene	10.380	166	115072	5.15	ng	94
67) 4-Bromophenyl-phenylether	10.628	248	30708	4.82	ng	# 1
71) Phenanthrene	11.345	178	84399	2.66	ng	98
72) Anthracene	11.345	178	84399	2.68	ng	98
77) Benzidine	12.916	184	33407	2.31	ng	96

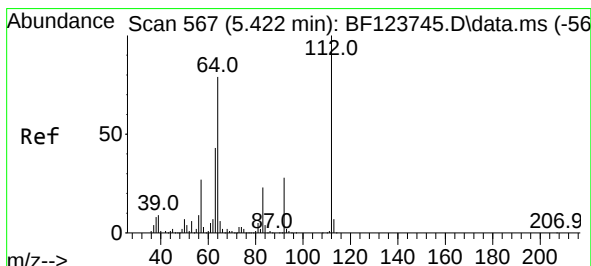
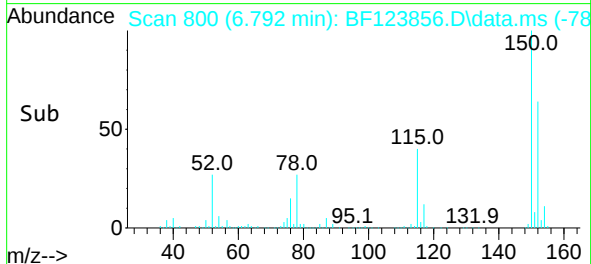
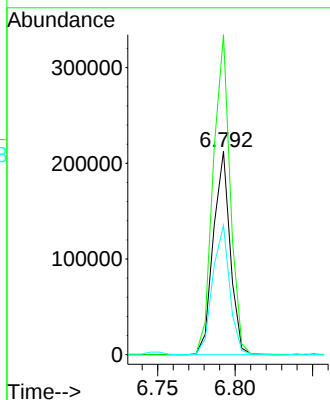
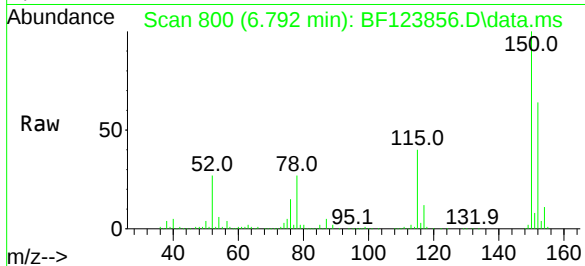
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

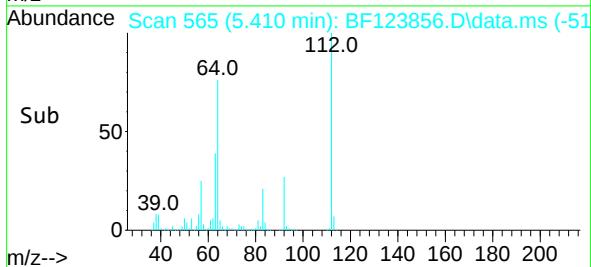
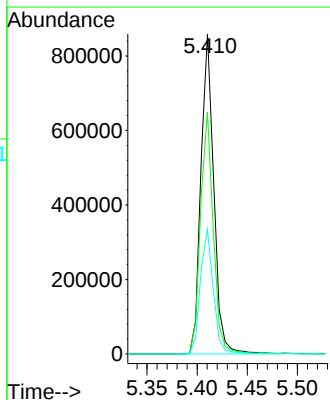
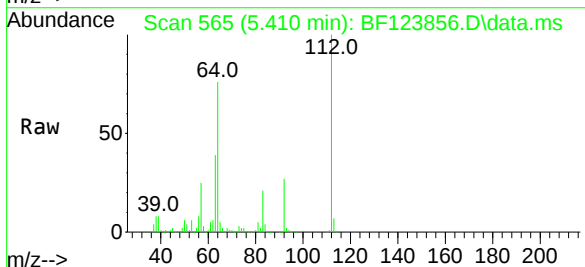
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

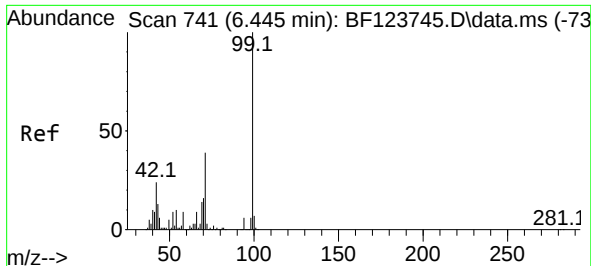
Tgt Ion:152 Resp: 160392
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 63.6 54.3 81.5



#5
2-Fluorophenol
Concen: 76.22 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Tgt Ion:112 Resp: 771657
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 39.0 33.0 49.4

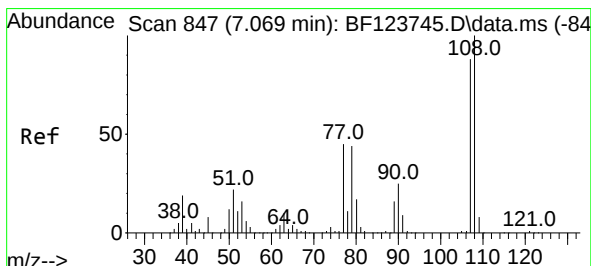
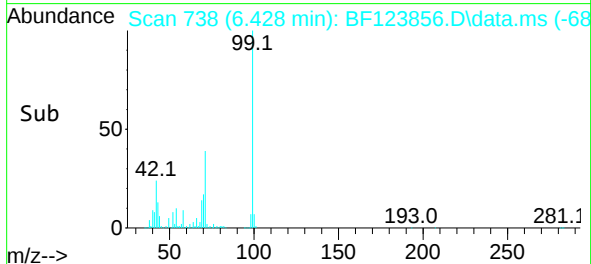
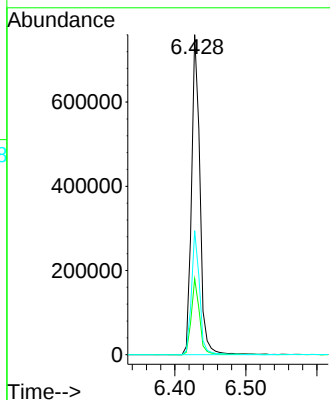
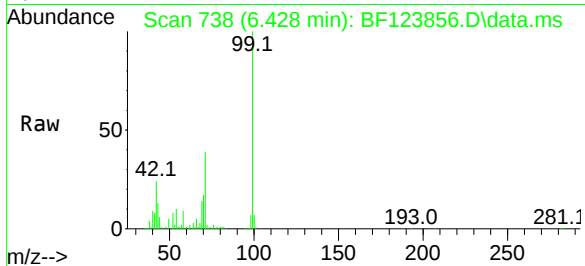




#7
Phenol-d6
Concen: 45.11 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

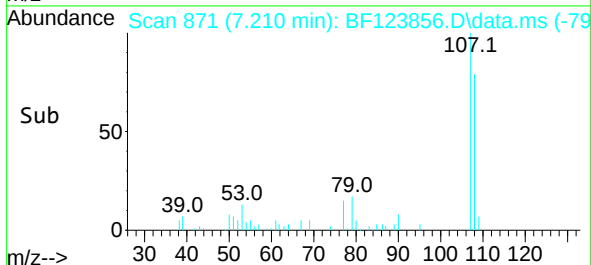
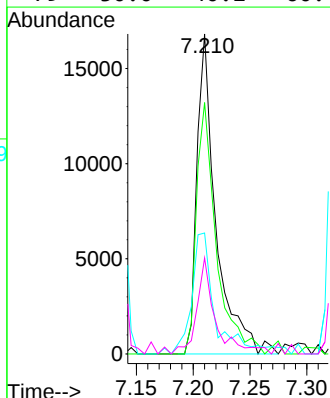
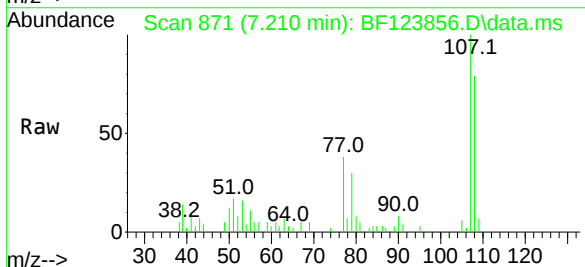
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

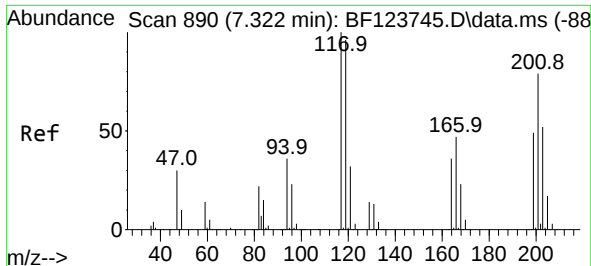
Tgt Ion: 99 Resp: 629152
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.8
71 38.8 31.1 46.7



#17
2-Methylphenol
Concen: 2.12 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.153 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Tgt Ion: 107 Resp: 19719
Ion Ratio Lower Upper
107 100
108 78.6 89.8 134.8#
77 37.8 40.9 61.3#
79 30.0 40.2 60.4#

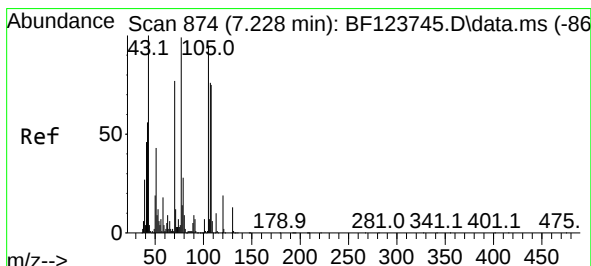
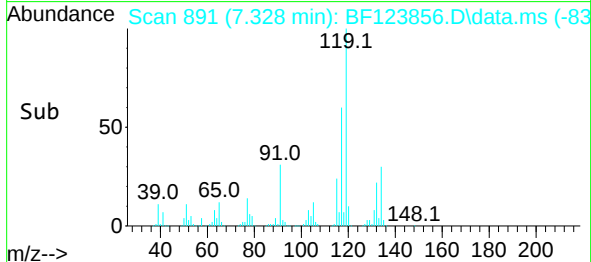
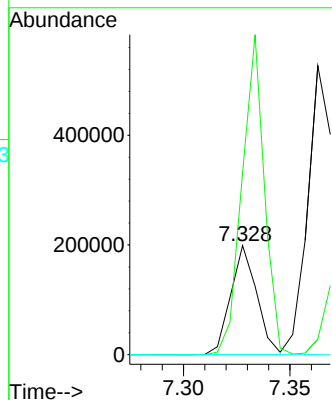
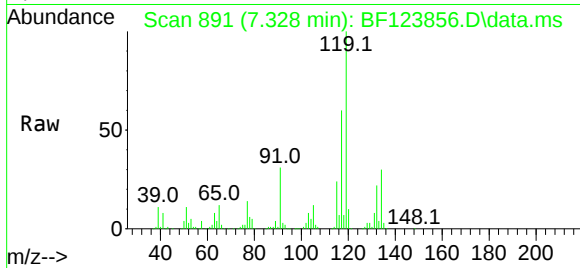




#18
Hexachloroethane
Concen: 38.37 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.018 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

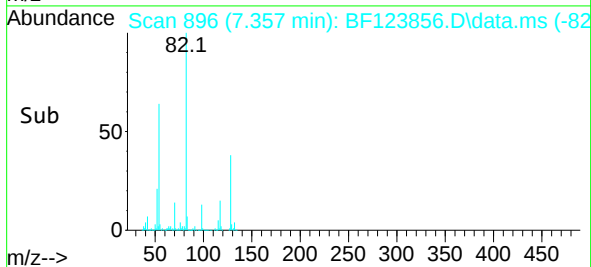
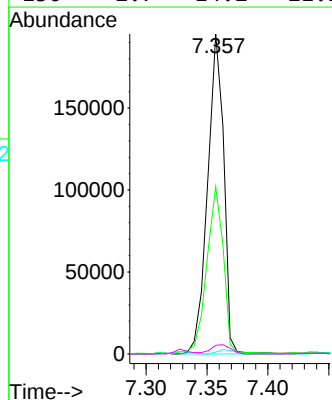
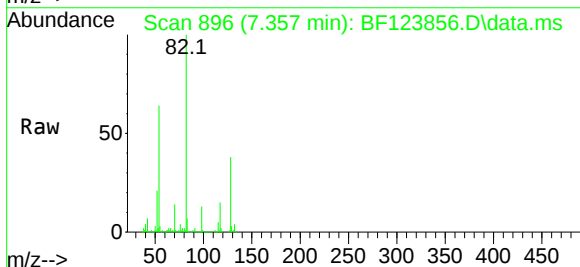
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

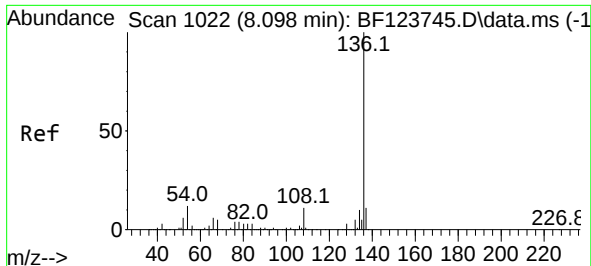
Tgt Ion:117 Resp: 169073
Ion Ratio Lower Upper
117 100
119 166.8 77.8 116.8#
201 0.0 67.8 101.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.90 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Tgt Ion: 70 Resp: 179950
Ion Ratio Lower Upper
70 100
42 52.2 60.1 90.1#
101 0.6 7.4 11.2#
130 2.7 14.2 21.2#



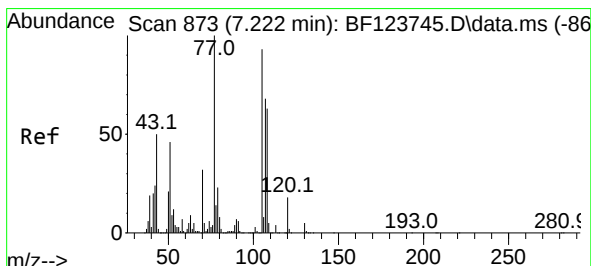
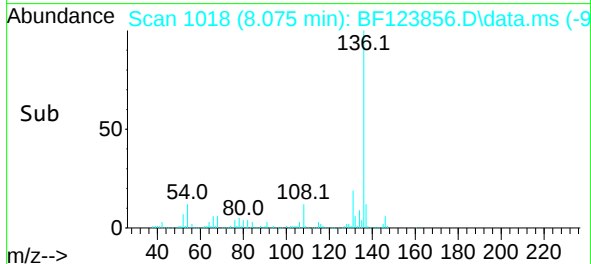
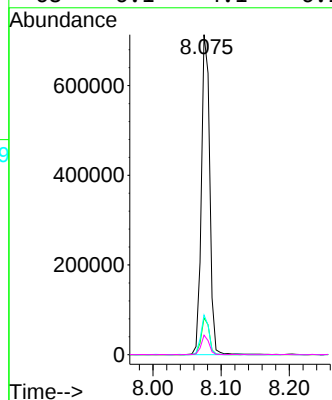
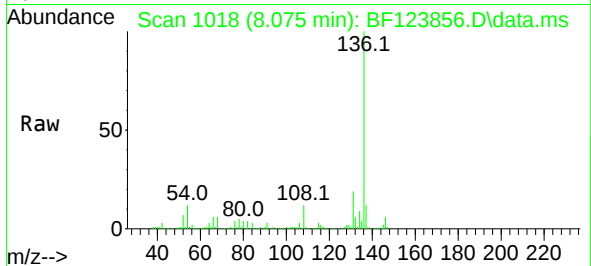


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion:136 Resp: 609887

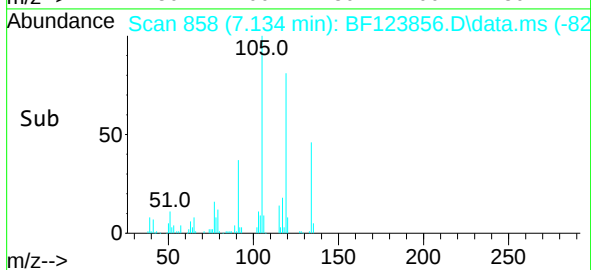
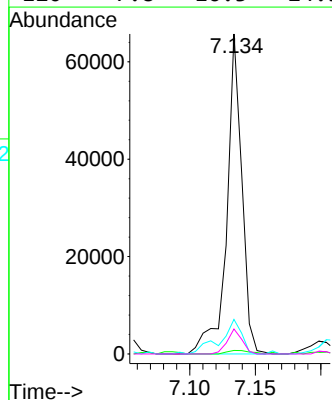
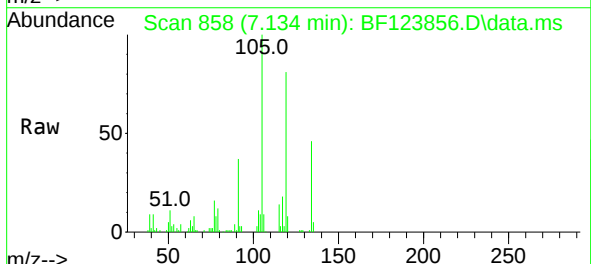
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	12.4	9.8	14.6
68	6.1	4.1	6.1

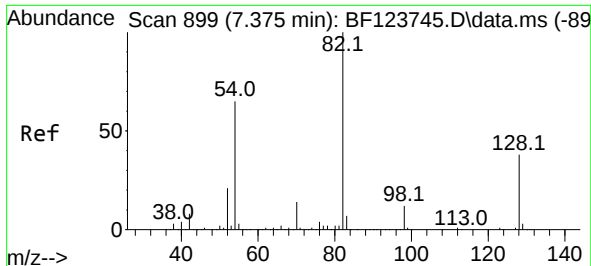


#22
Acetophenone
Concen: 3.16 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.077 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Tgt Ion:105 Resp: 52435

Ion	Ratio	Lower	Upper
105	100		
71	1.1	4.2	6.4#
51	10.8	33.6	50.4#
120	7.8	16.3	24.5#





#23

Nitrobenzene-d5

Concen: 97.48 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF123856.D

Acq: 6 May 2021 15:56

Tgt Ion: 82 Resp: 1317028

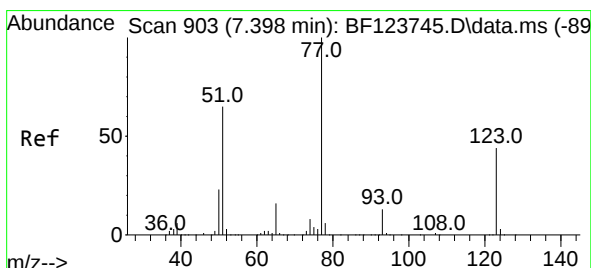
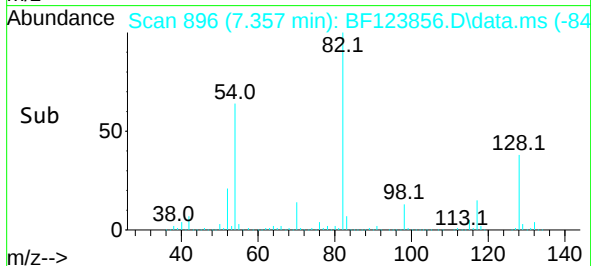
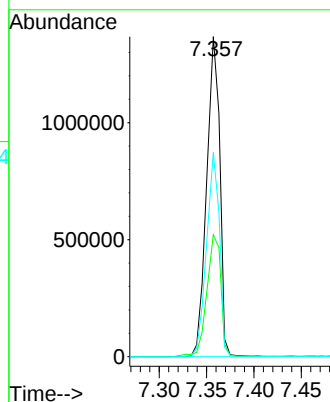
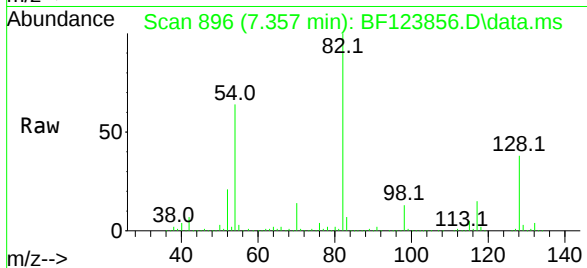
Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.4	44.2
54	63.8	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW



#24

Nitrobenzene

Concen: 2.52 ng

RT: 7.363 min Scan# 897

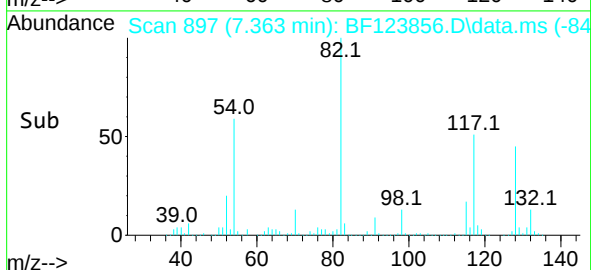
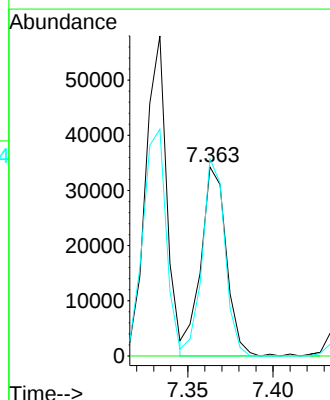
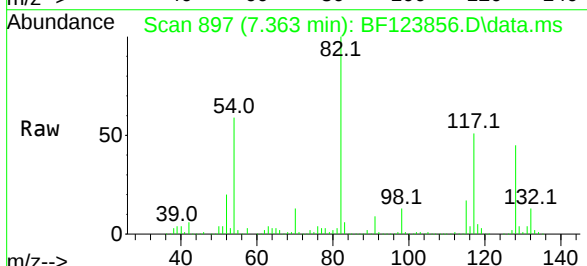
Delta R.T. -0.018 min

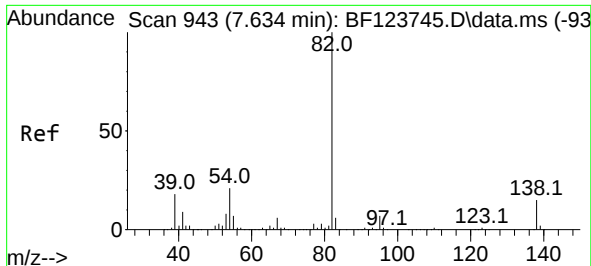
Lab File: BF123856.D

Acq: 6 May 2021 15:56

Tgt Ion: 77 Resp: 35524

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.5	51.7#
65	104.3	12.2	18.2#

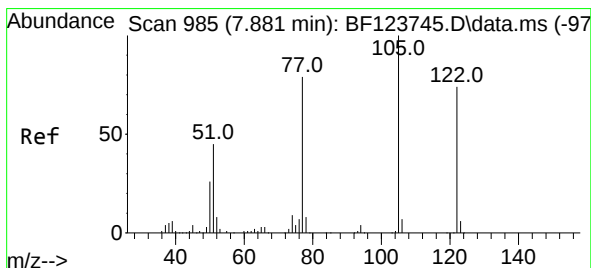
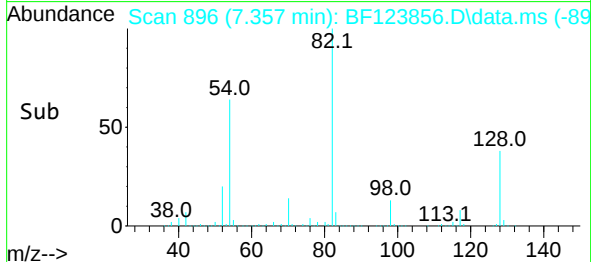
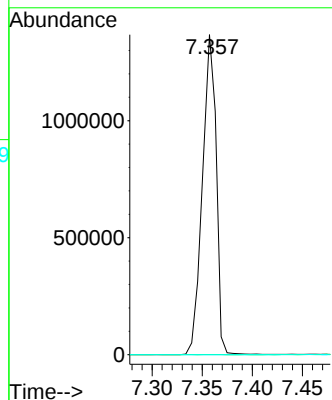
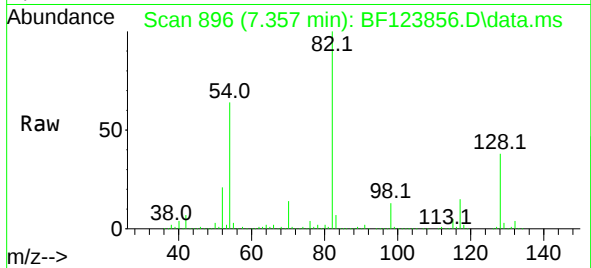




#25
Isophorone
Concen: 51.99 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

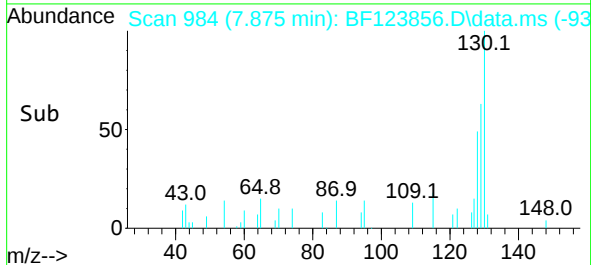
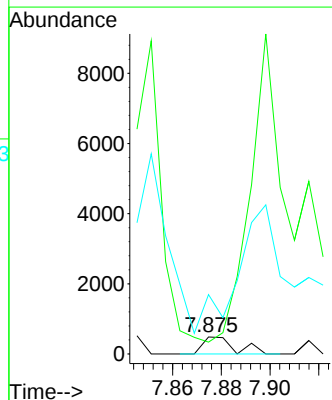
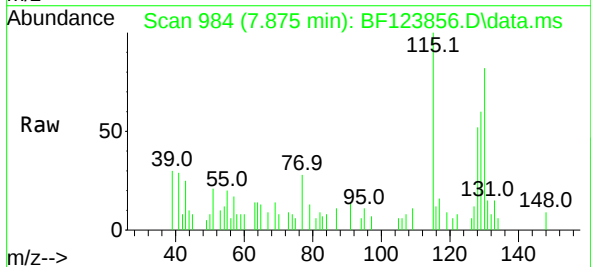
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

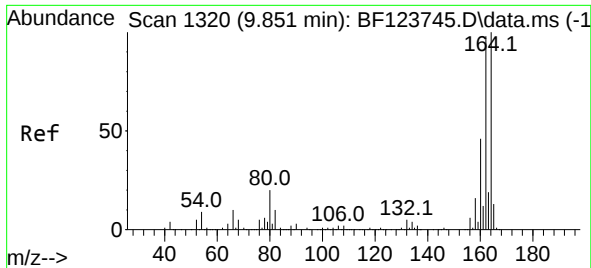
Tgt Ion: 82 Resp: 1317016
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.45 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Tgt Ion:122 Resp: 443
Ion Ratio Lower Upper
122 100
105 69.9 107.8 147.8#
77 348.9 81.6 121.6#

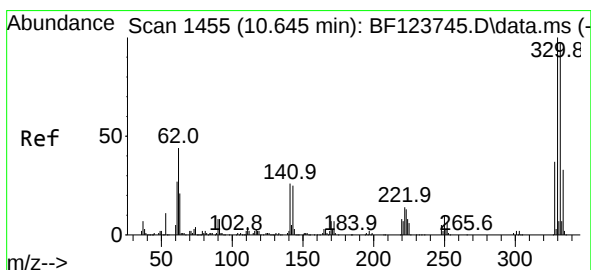
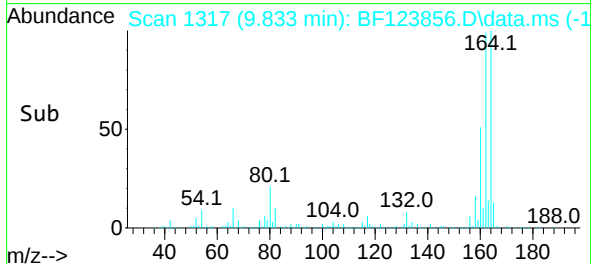
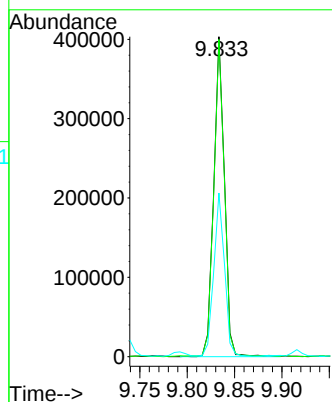
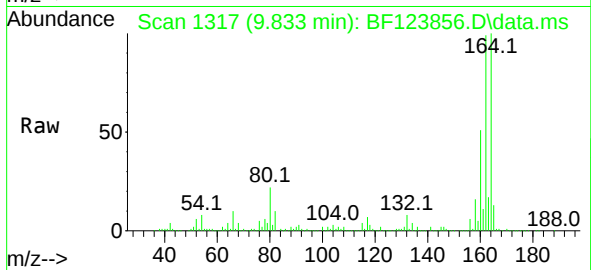




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

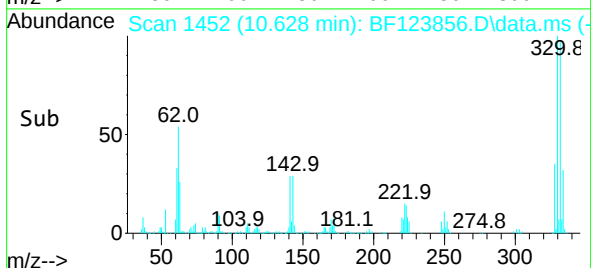
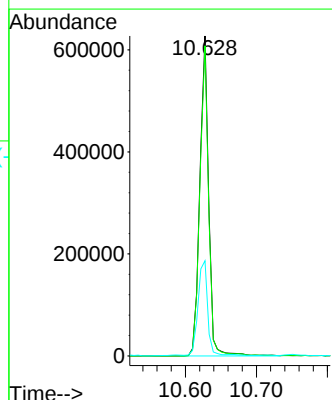
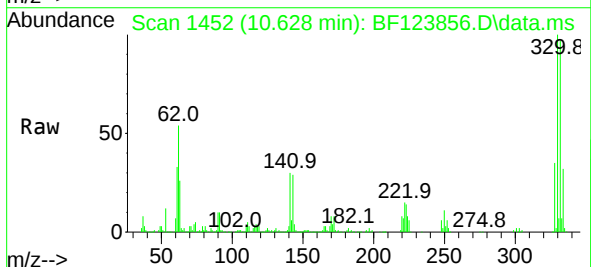
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

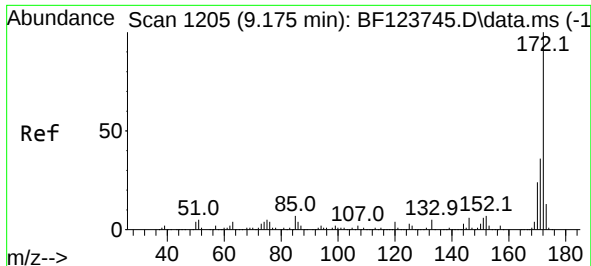
Tgt Ion:164 Resp: 316373
Ion Ratio Lower Upper
164 100
162 99.1 80.7 121.1
160 51.1 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 138.02 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Tgt Ion:330 Resp: 543585
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 31.5 27.9 41.9

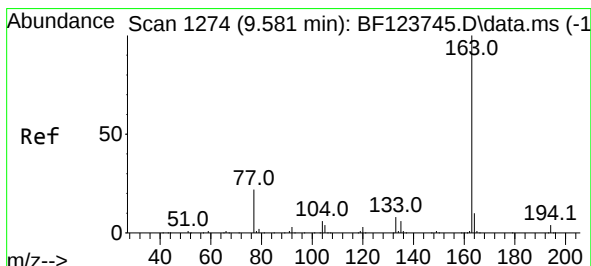
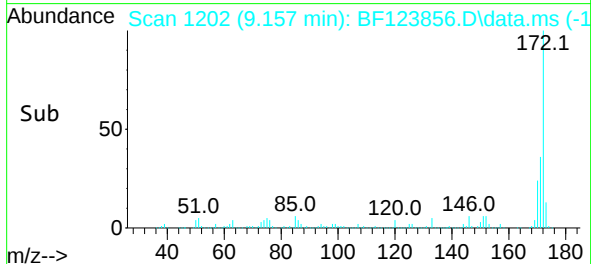
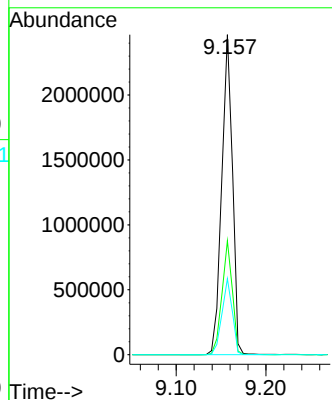
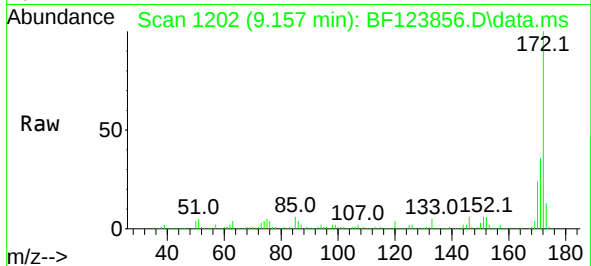




#45
2-Fluorobiphenyl
Concen: 94.00 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

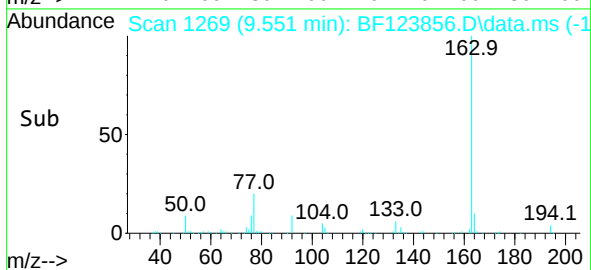
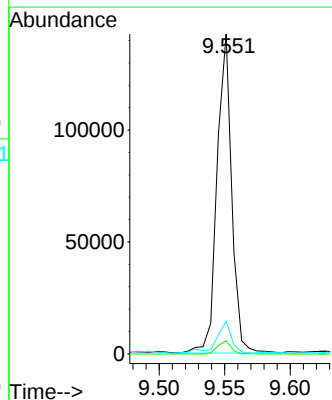
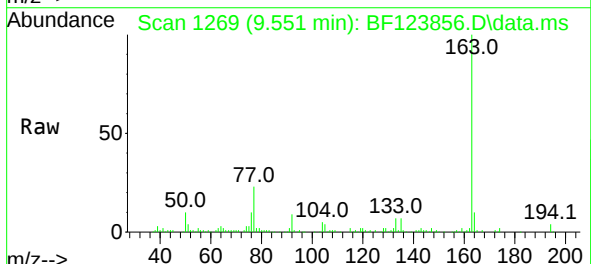
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

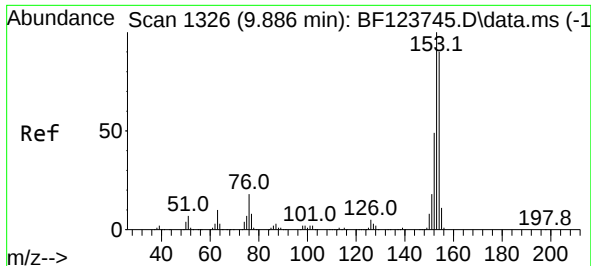
Tgt Ion:172 Resp: 2042145
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.8 19.2 28.8



#50
Dimethylphthalate
Concen: 4.97 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Tgt Ion:163 Resp: 110745
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.3 8.2 12.2

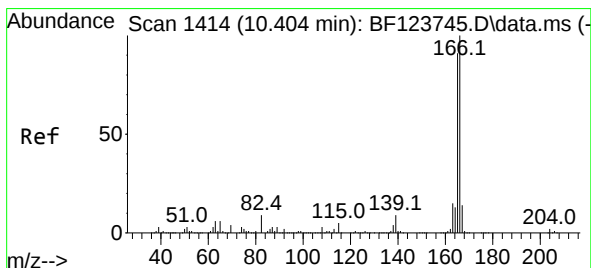
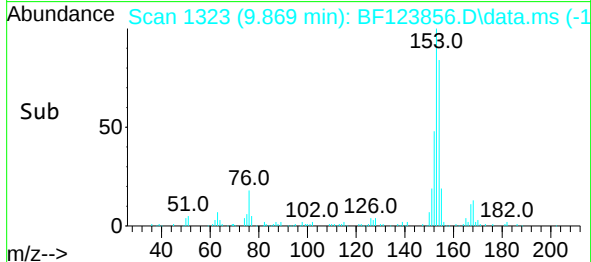
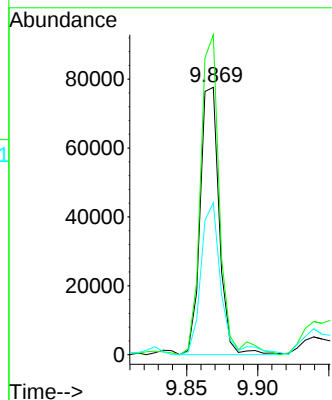
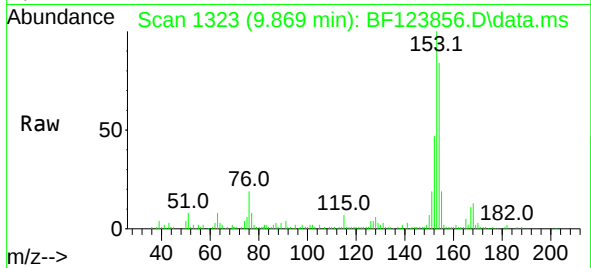




#52
Acenaphthene
Concen: 3.77 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

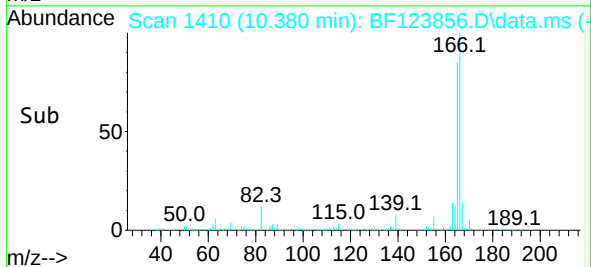
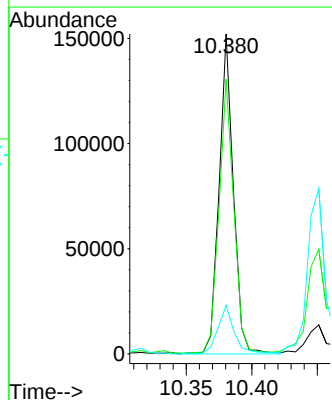
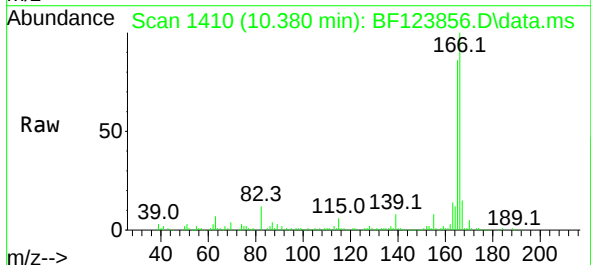
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

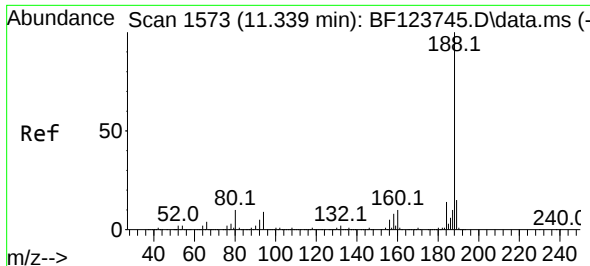
Tgt Ion:154 Resp: 72437
Ion Ratio Lower Upper
154 100
153 119.7 88.1 132.1
152 56.8 43.4 65.0



#58
Fluorene
Concen: 5.15 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Tgt Ion:166 Resp: 115072
Ion Ratio Lower Upper
166 100
165 85.8 73.5 110.3
167 15.2 10.7 16.1

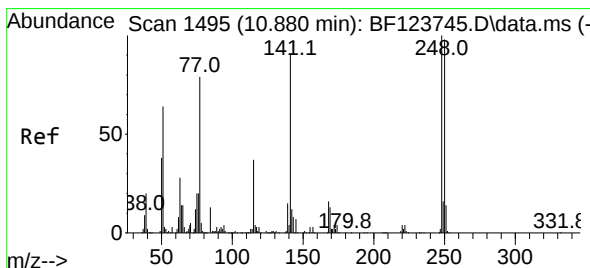
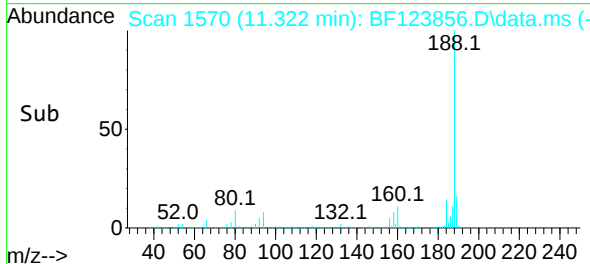
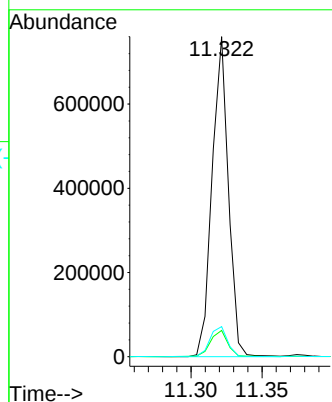
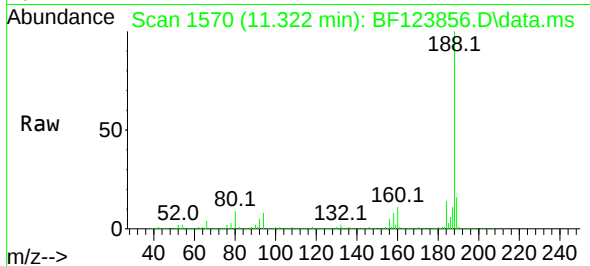




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

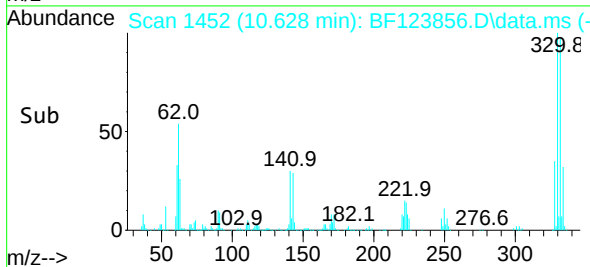
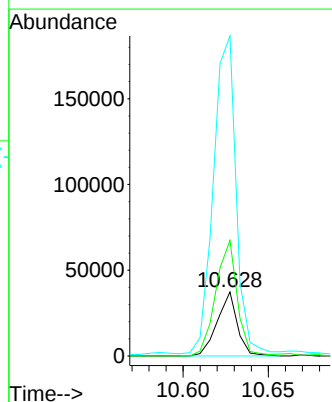
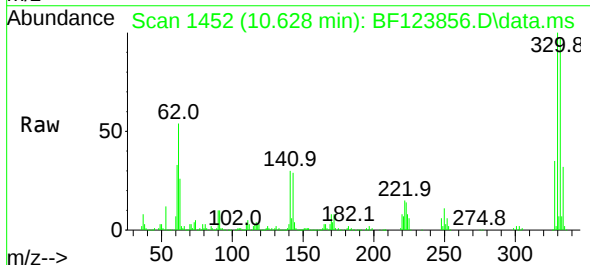
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

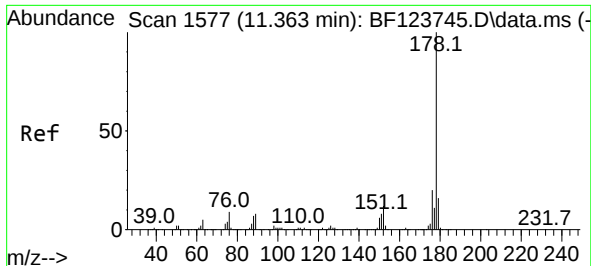
Tgt Ion:188 Resp: 604926
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.4 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.82 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Tgt Ion:248 Resp: 30708
Ion Ratio Lower Upper
248 100
250 180.3 77.4 116.2#
141 499.4 63.7 95.5#

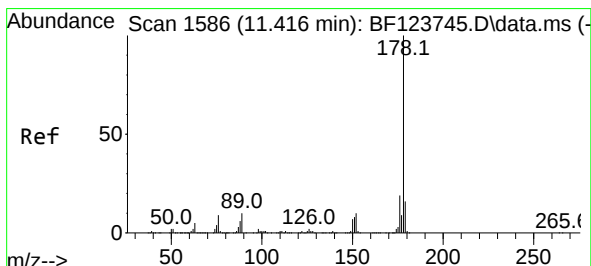
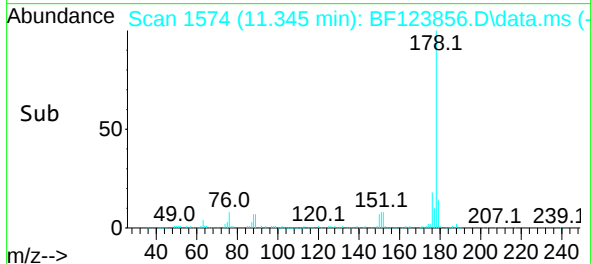
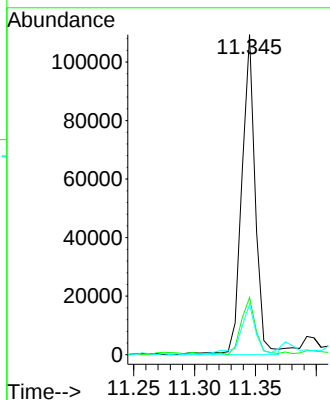
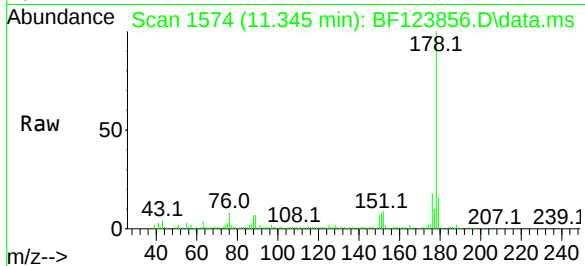




#71
Phenanthrene
Concen: 2.66 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

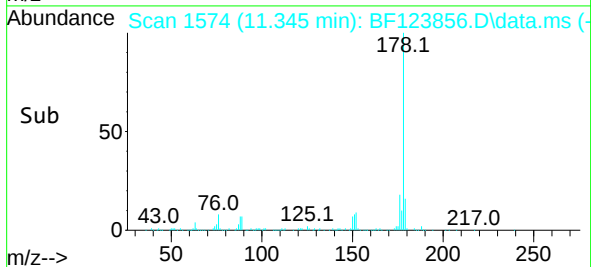
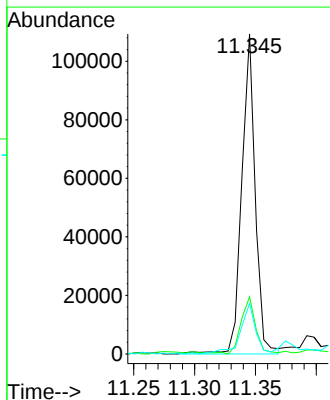
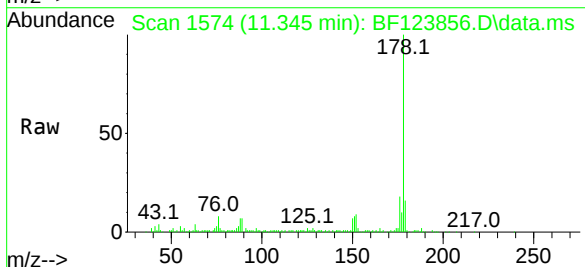
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

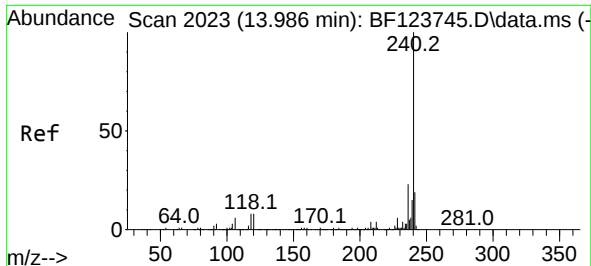
Tgt Ion:178 Resp: 84399
Ion Ratio Lower Upper
178 100
176 17.8 15.6 23.4
179 15.8 12.5 18.7



#72
Anthracene
Concen: 2.68 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.059 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Tgt Ion:178 Resp: 84399
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.0
179 15.8 12.6 18.8

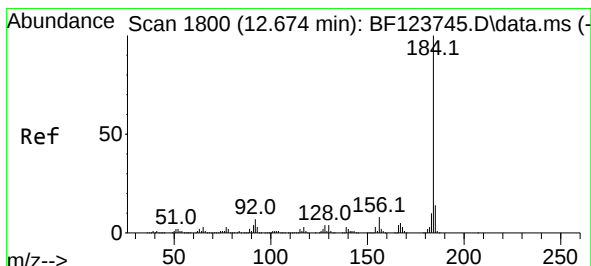
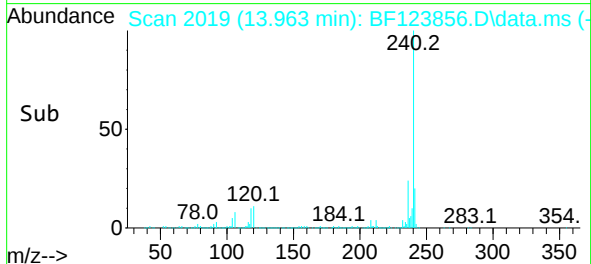
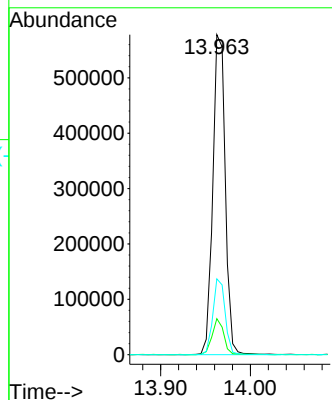
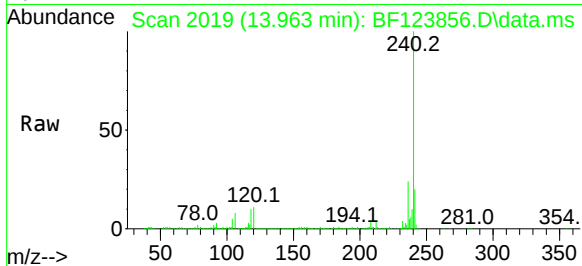




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

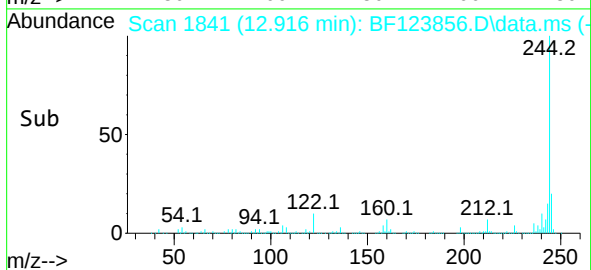
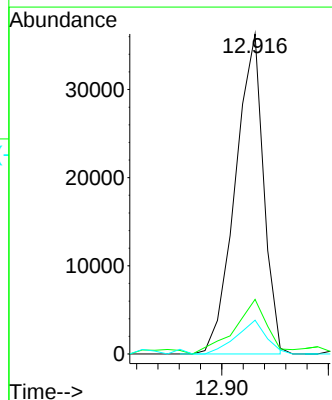
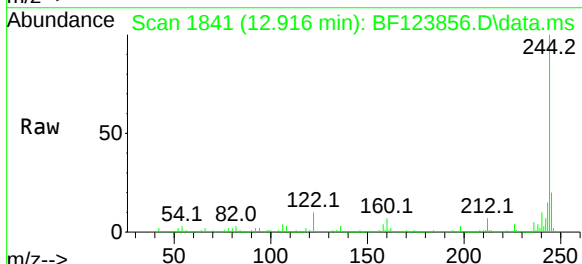
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

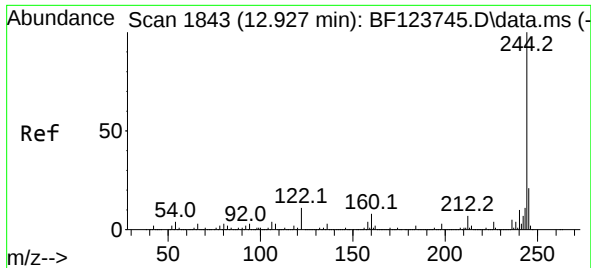
Tgt Ion:240 Resp: 558714
Ion Ratio Lower Upper
240 100
120 11.3 7.2 10.8#
236 23.7 19.0 28.4



#77
Benzidine
Concen: 2.31 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.253 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

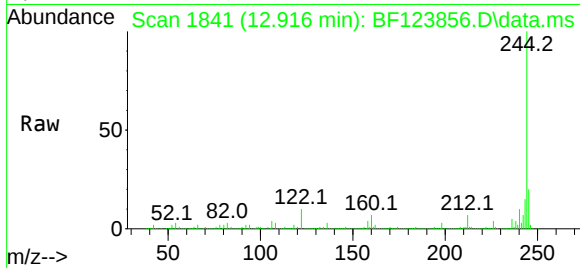
Tgt Ion:184 Resp: 33407
Ion Ratio Lower Upper
184 100
185 17.1 12.1 18.1
183 10.5 7.8 11.8



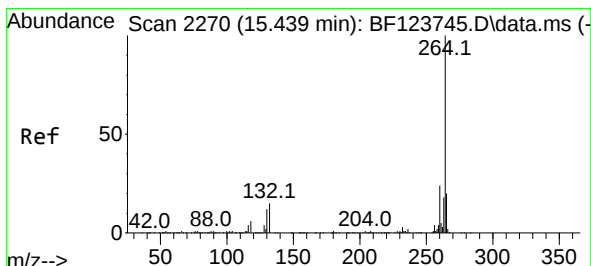
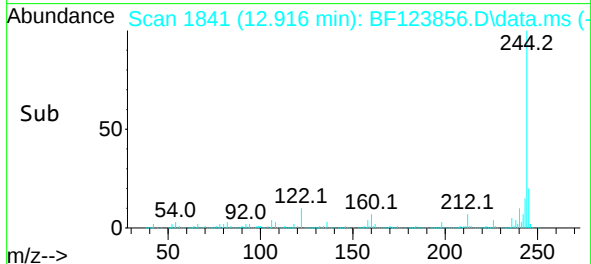
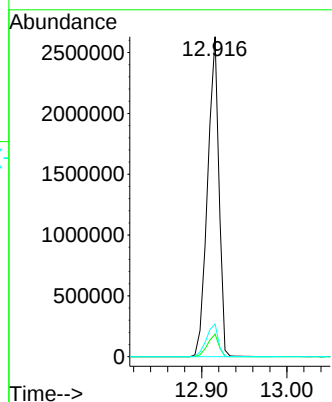


#79
Terphenyl-d14
Concen: 83.78 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW



Tgt Ion:244 Resp: 2430859
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.2 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

Tgt Ion:264 Resp: 487345
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.0 17.8 26.8

