

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)

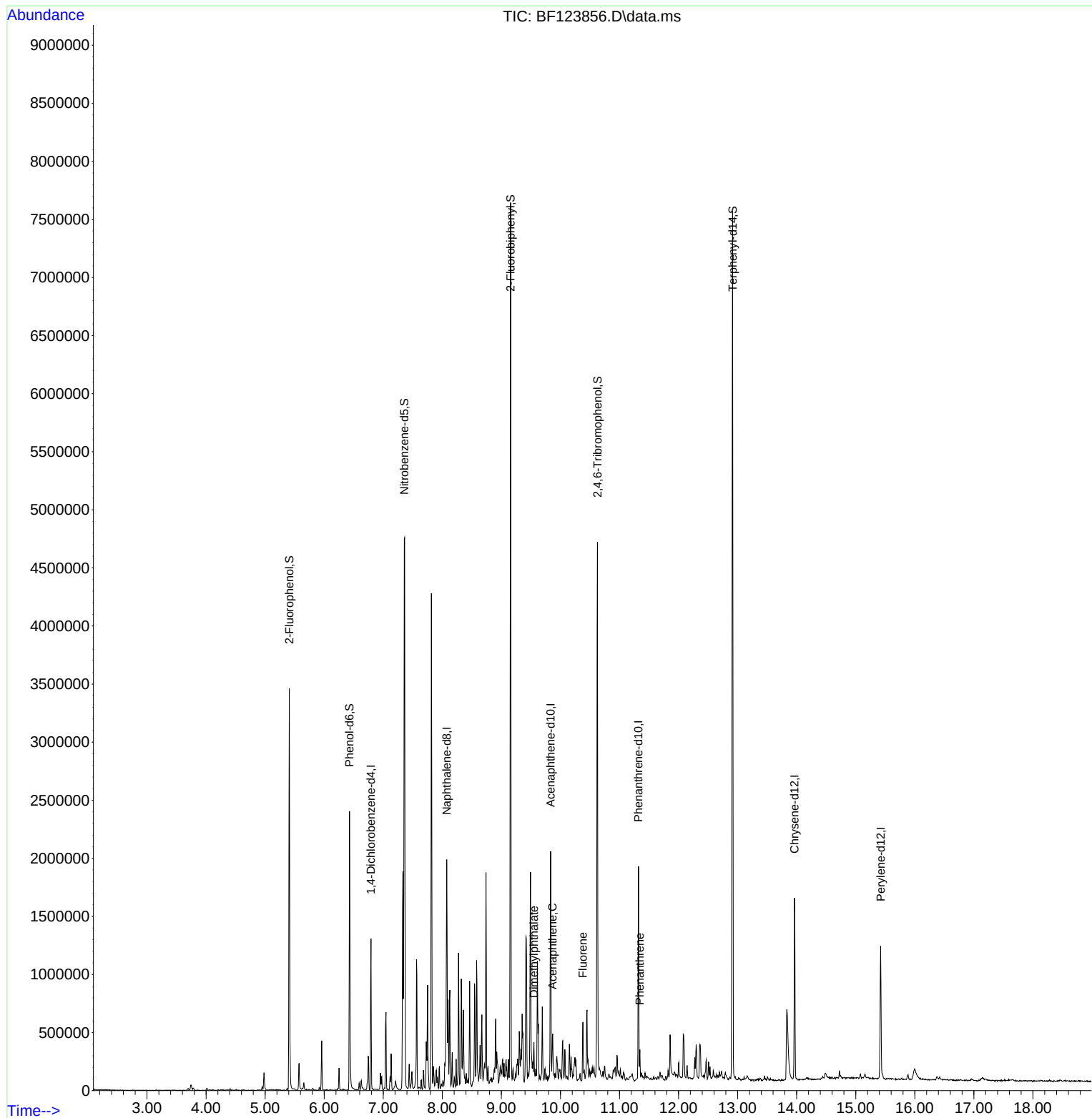
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	160392	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	609887	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	316373	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	604926	20.00	ng	0.00
76) Chrysene-d12	13.963	240	558714	20.00	ng	#-0.01
86) Perylene-d12	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
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
71) Phenanthrene	11.345	178	84399	2.66	ng	98

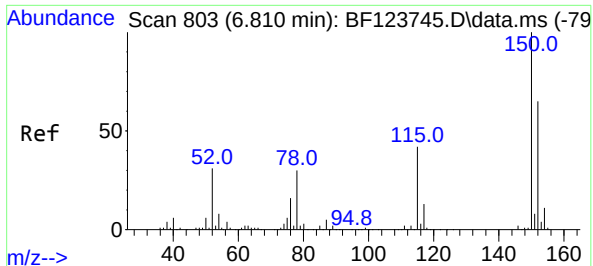
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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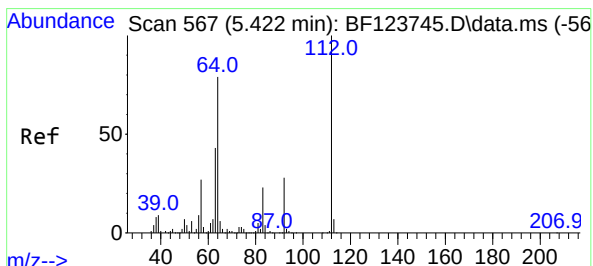
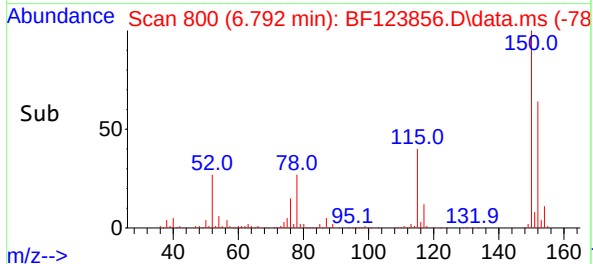
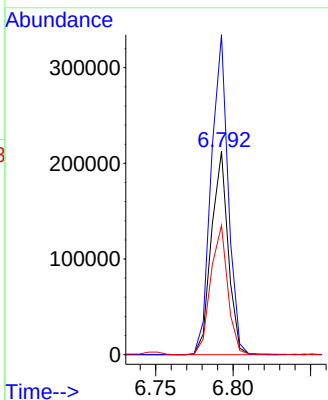
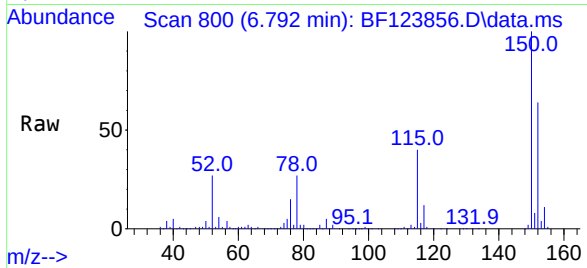




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

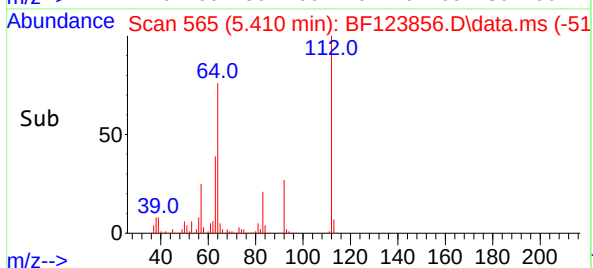
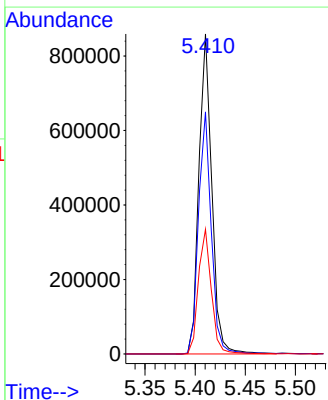
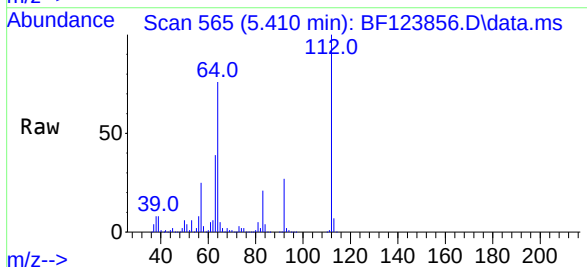
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

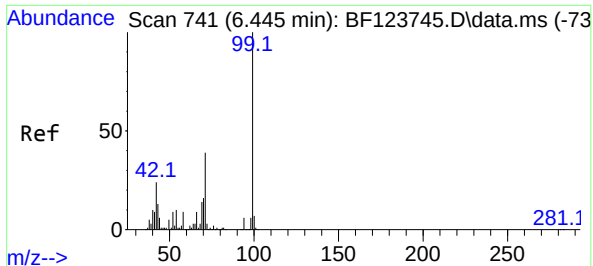
Tgt Ion:152 Resp: 160392
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 63.6 54.3 81.5



#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

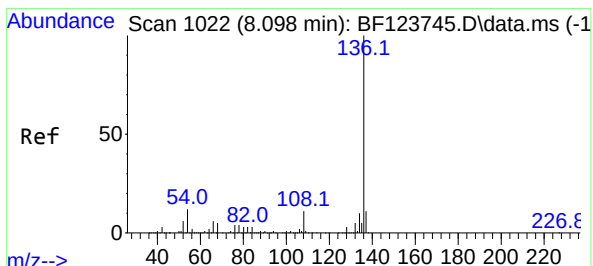
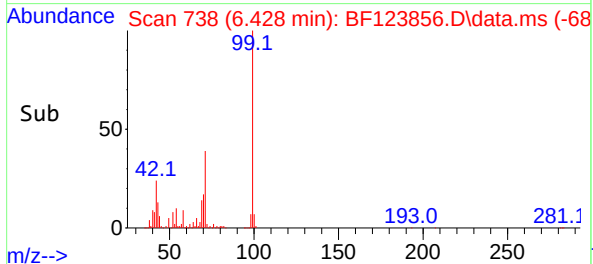
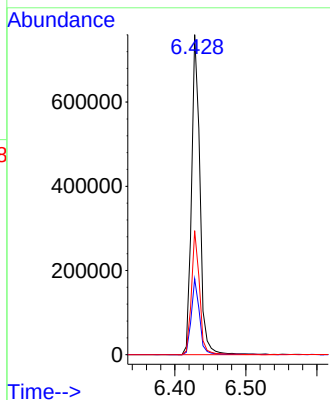
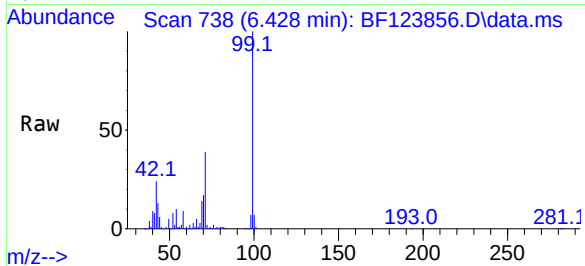




#7
Phenol-d6
Concen: 45.11 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

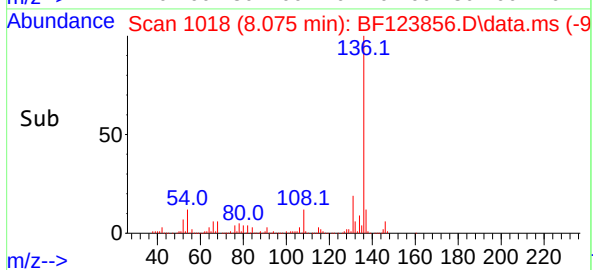
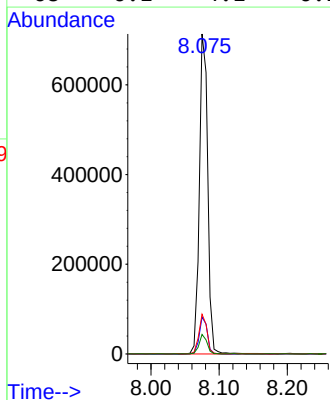
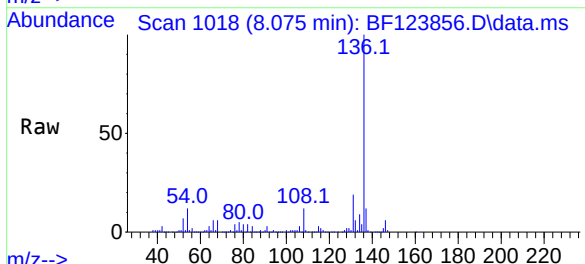
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

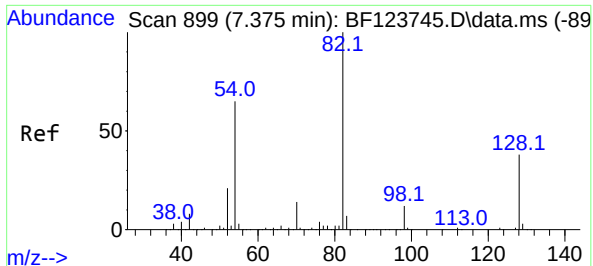
Tgt Ion: 99 Resp: 629152
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.8
71 38.8 31.1 46.7



#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

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

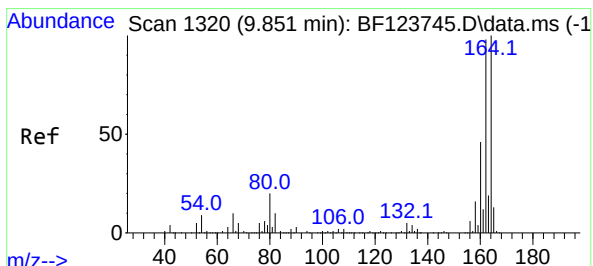
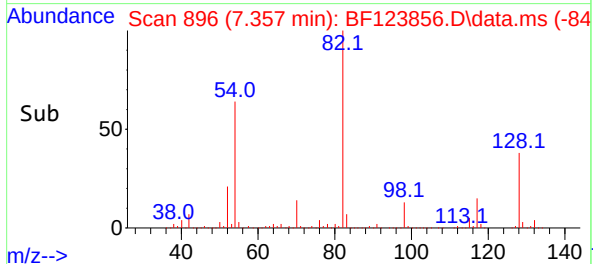
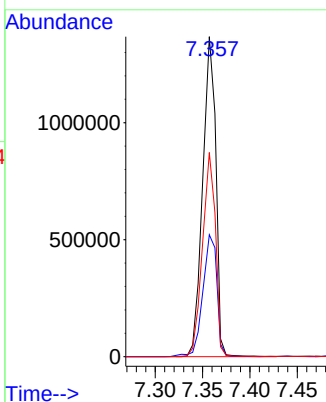
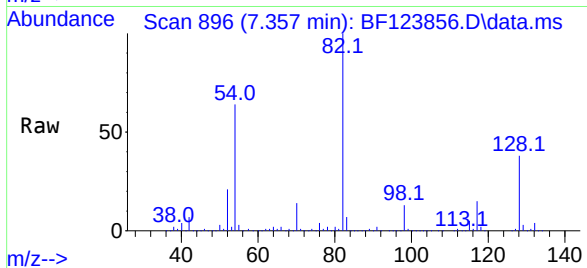




#23
Nitrobenzene-d5
Concen: 97.48 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

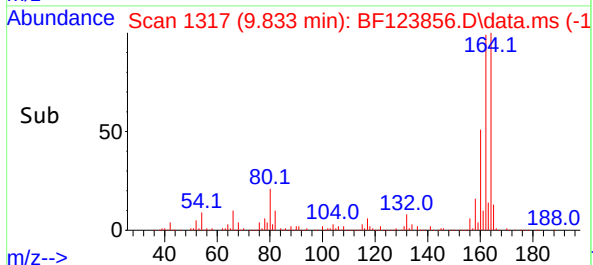
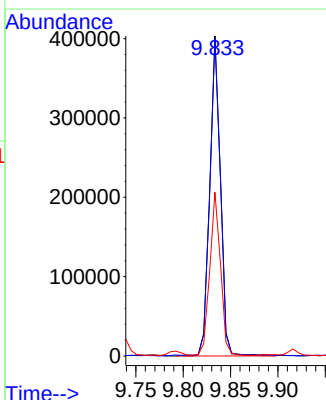
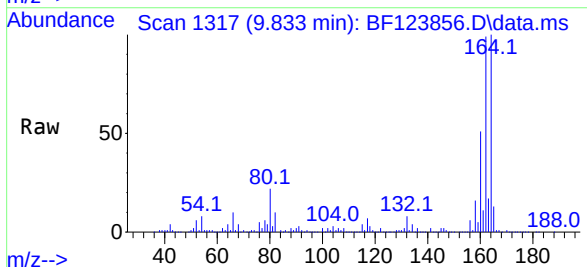
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

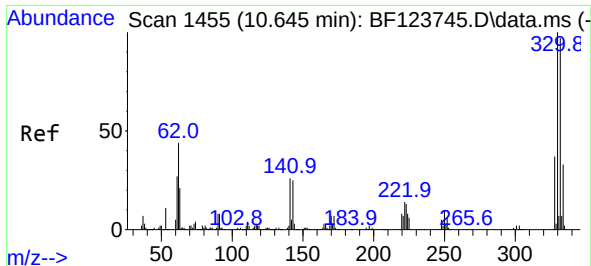
Tgt Ion: 82 Resp: 1317028
Ion Ratio Lower Upper
82 100
128 38.1 29.4 44.2
54 63.8 54.1 81.1



#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

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

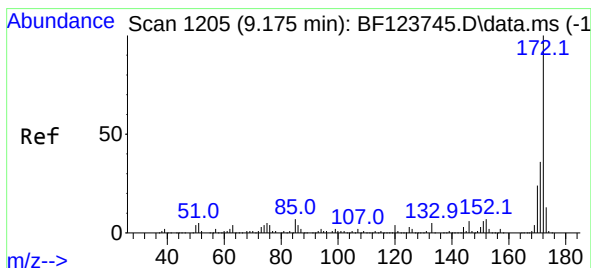
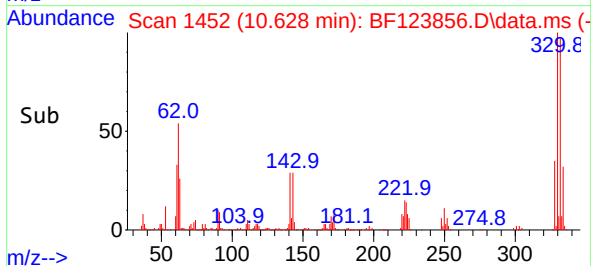
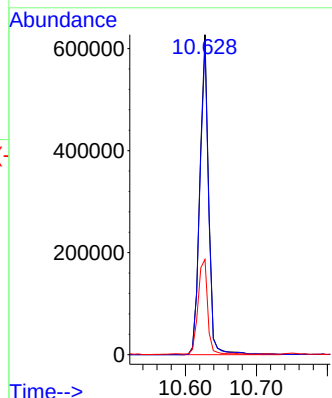
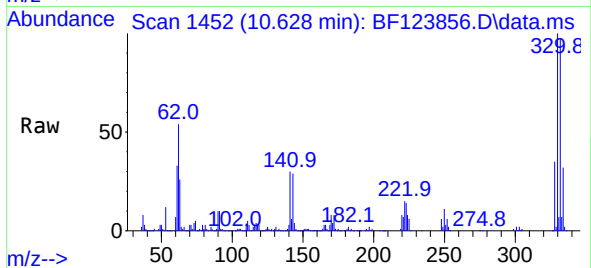




#42
2,4,6-Tribromophenol
Concen: 138.02 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

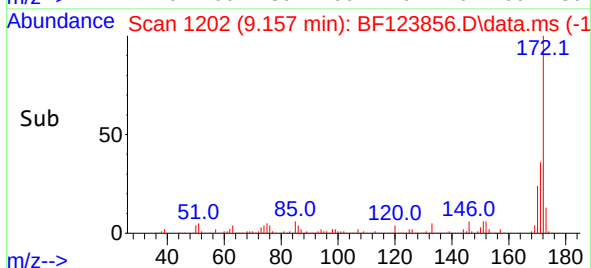
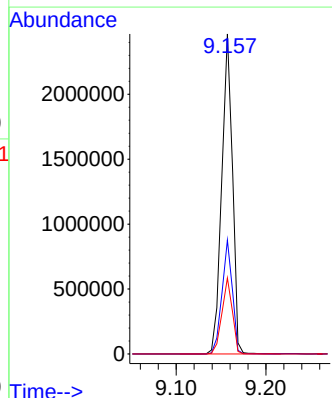
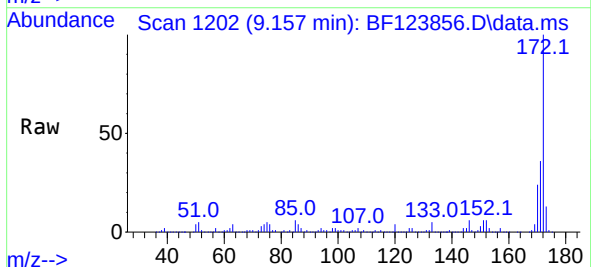
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

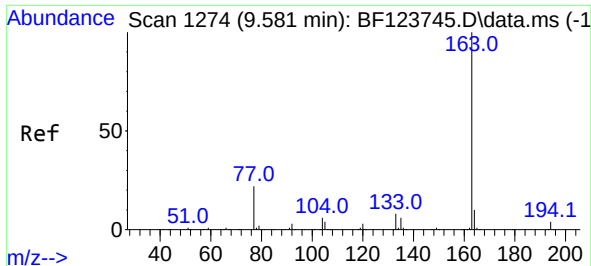
Tgt Ion:330 Resp: 543585
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 31.5 27.9 41.9



#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

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

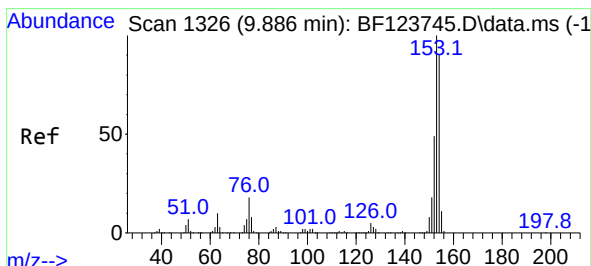
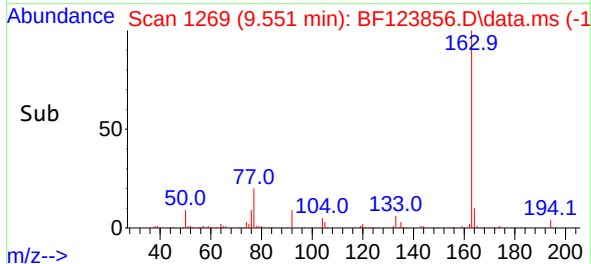
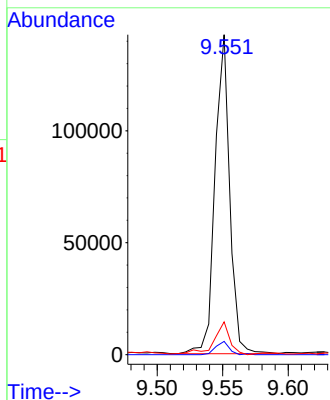
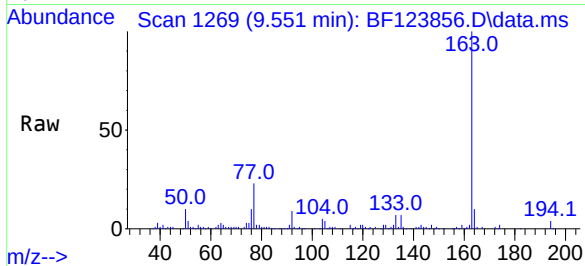




#50
Dimethylphthalate
Concen: 4.97 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

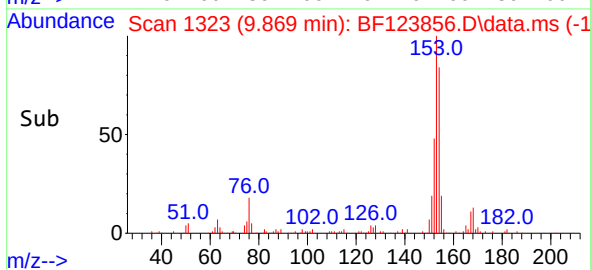
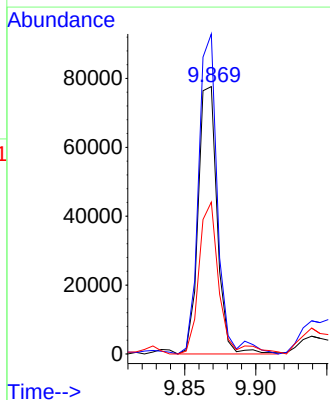
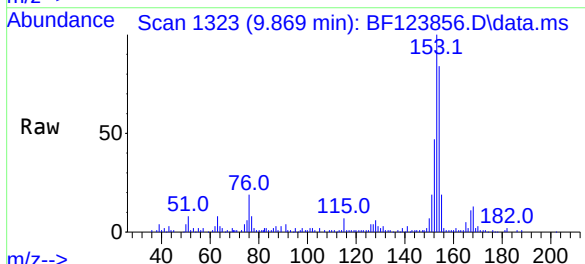
Instrument :
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ClientSampleId :
OWL-C4-GW

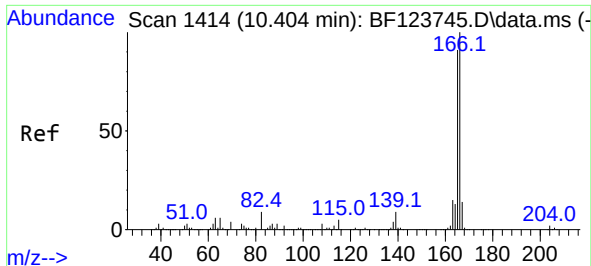
Tgt Ion:163 Resp: 110745
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.3 8.2 12.2



#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

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

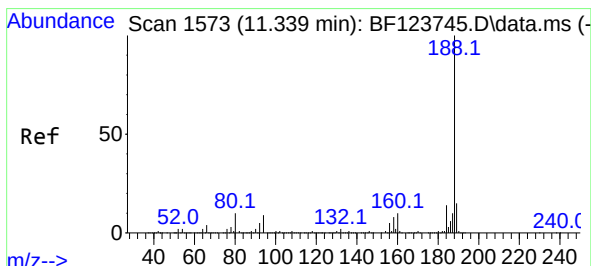
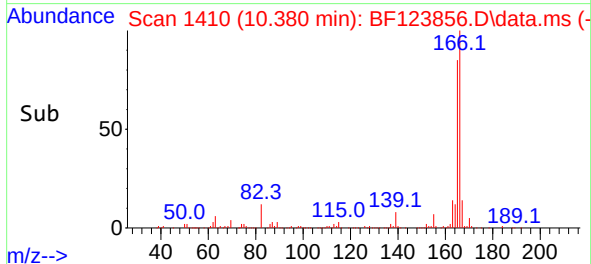
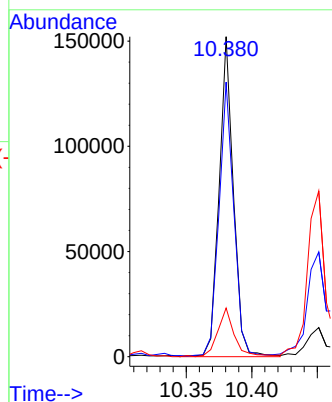
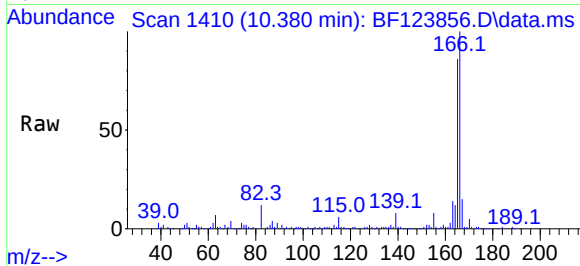




#58
Fluorene
Concen: 5.15 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

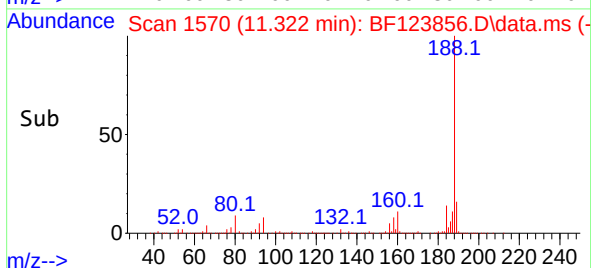
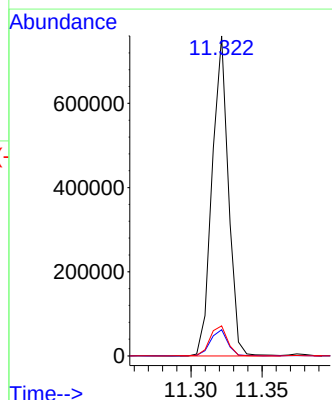
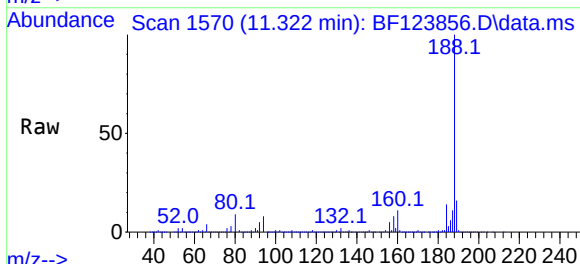
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

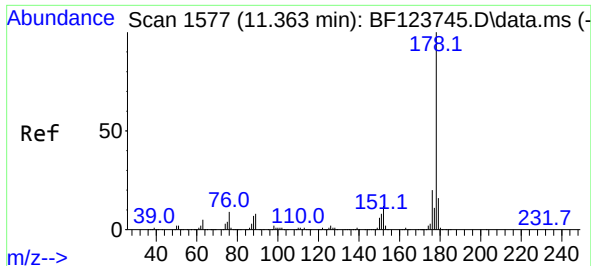
Tgt Ion:166 Resp: 115072
Ion Ratio Lower Upper
166 100
165 85.8 73.5 110.3
167 15.2 10.7 16.1



#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

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

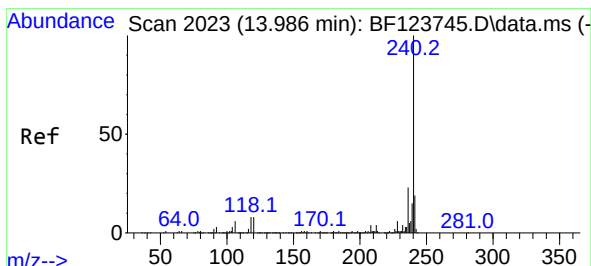
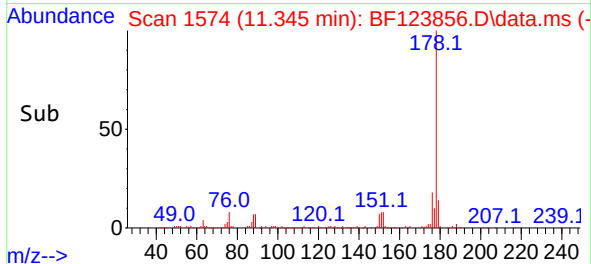
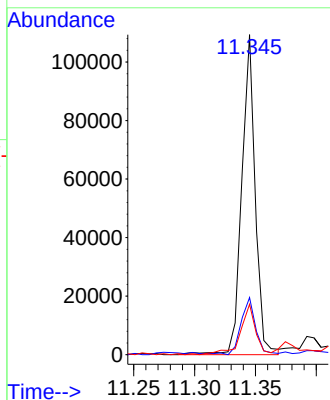
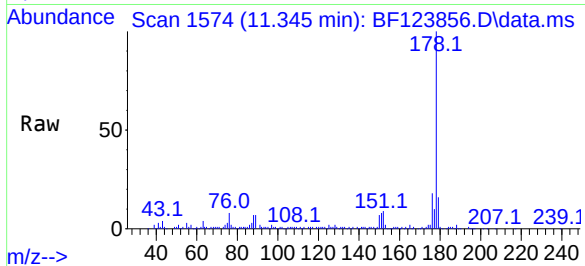




#71
Phenanthrene
Concen: 2.66 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

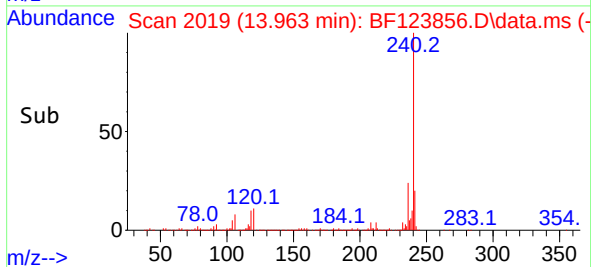
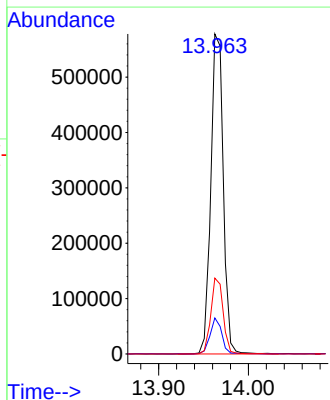
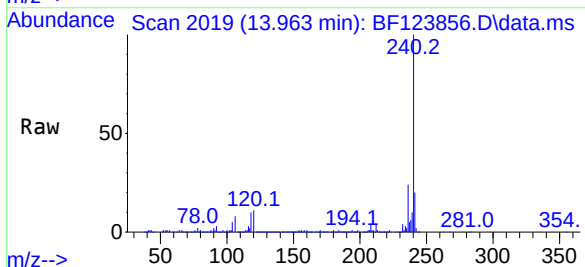
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

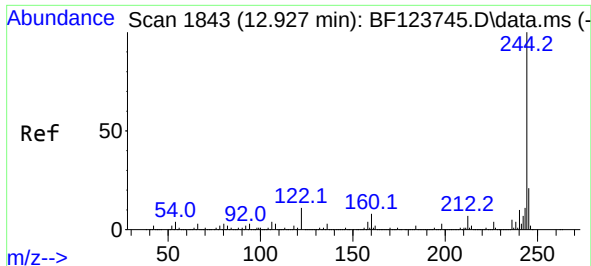
Tgt Ion:178 Resp: 84399
Ion Ratio Lower Upper
178 100
176 17.8 15.6 23.4
179 15.8 12.5 18.7



#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

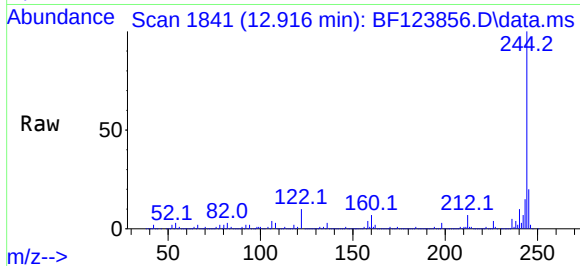
Tgt Ion:240 Resp: 558714
Ion Ratio Lower Upper
240 100
120 11.3 7.2 10.8#
236 23.7 19.0 28.4



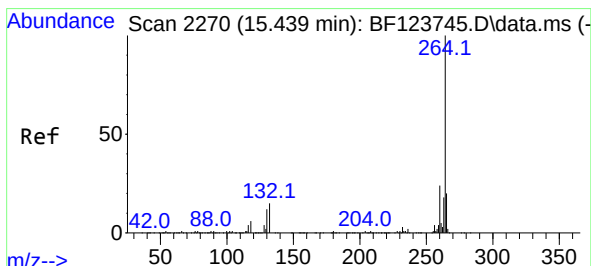
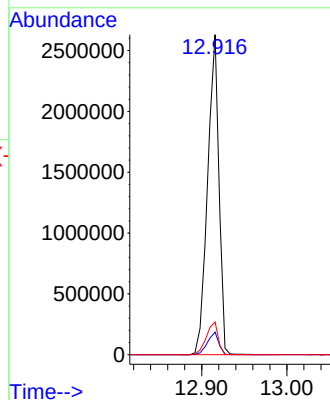
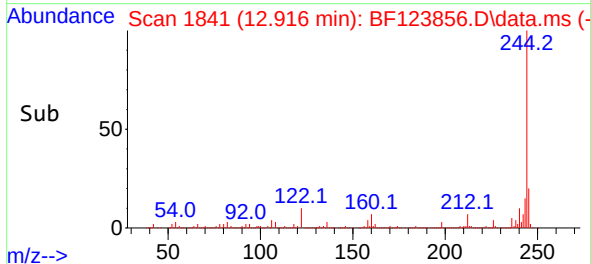


#79
Terphenyl-d14
Concen: 83.78 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123856.D
Acq: 6 May 2021 15:56

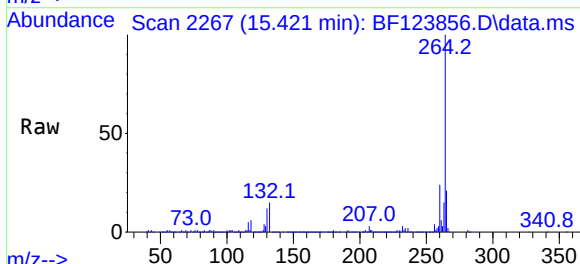
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW



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

