

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123862.D
 Acq On : 6 May 2021 19:08
 Operator : JU/CG
 Sample : M2304-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Quant Time: May 07 01:03:06 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)

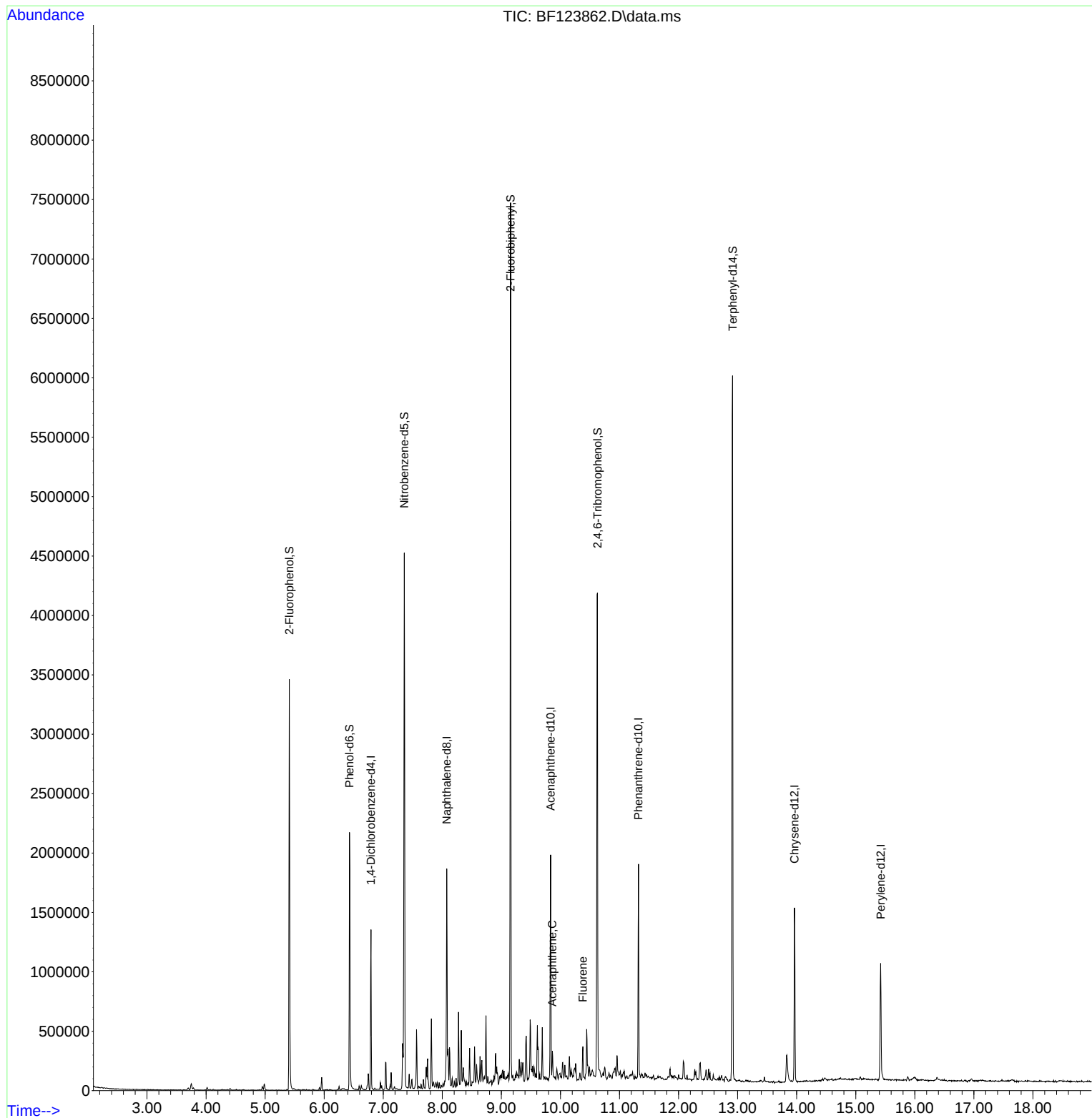
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	168400	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	633524	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	315622	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	604843	20.00	ng	0.00
76) Chrysene-d12	13.963	240	529501	20.00	ng	-0.01
86) Perylene-d12	15.421	264	443404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	742423	69.84	ng	0.00
7) Phenol-d6	6.428	99	610348	41.68	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1301305	92.73	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	534815	136.12	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2003125	92.43	ng	0.00
79) Terphenyl-d14	12.916	244	2052928	74.66	ng	0.00
Target Compounds						
52) Acenaphthene	9.863	154	41423	2.16	ng	98
58) Fluorene	10.380	166	62352	2.80	ng	97

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

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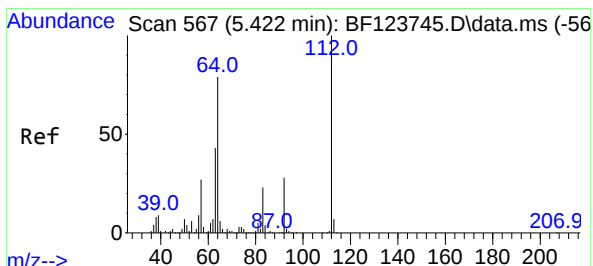
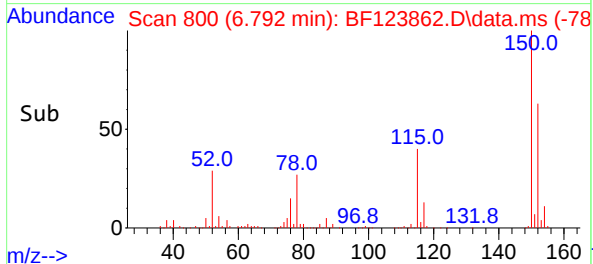
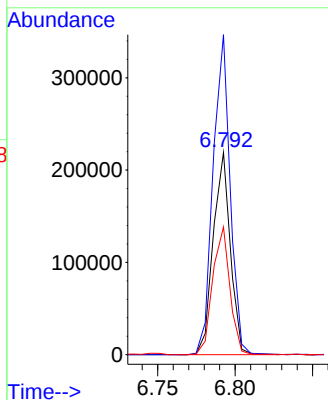
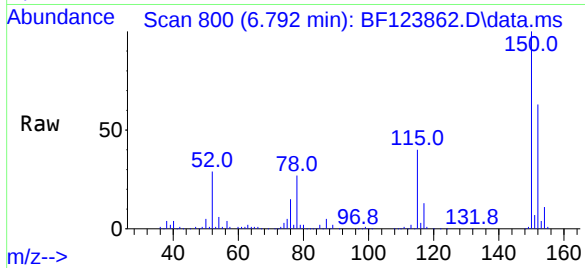




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

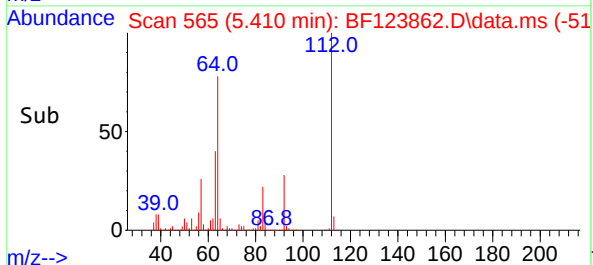
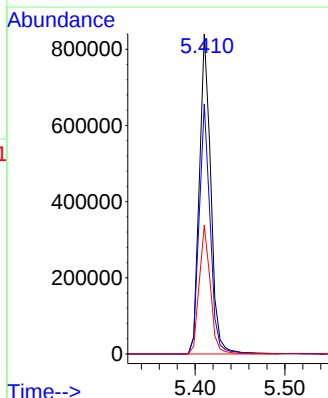
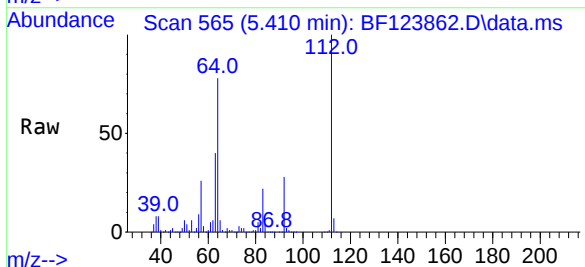
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

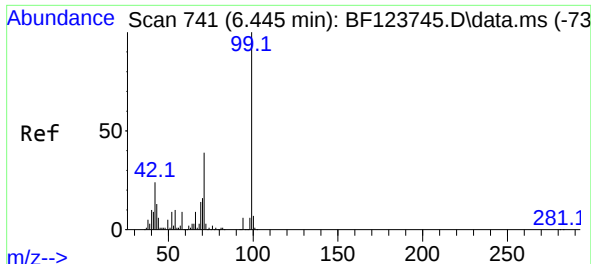
Tgt Ion:152 Resp: 168400
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 63.1 54.3 81.5



#5
2-Fluorophenol
Concen: 69.84 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion:112 Resp: 742423
Ion Ratio Lower Upper
112 100
64 78.2 61.4 92.0
63 40.2 33.0 49.4

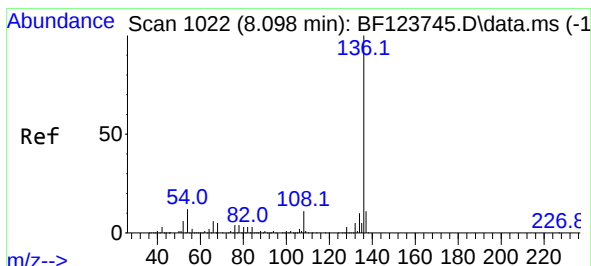
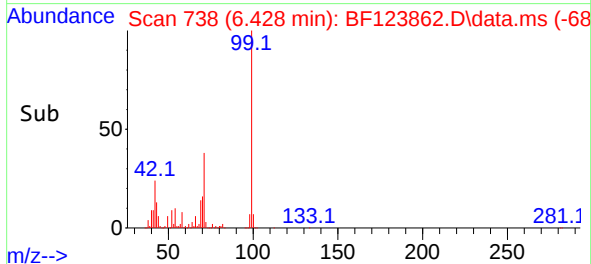
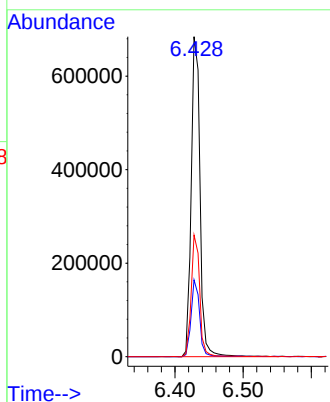
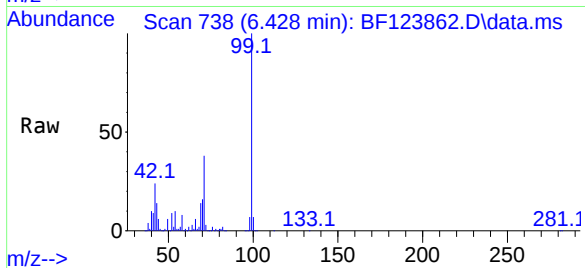




#7
Phenol-d6
Concen: 41.68 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

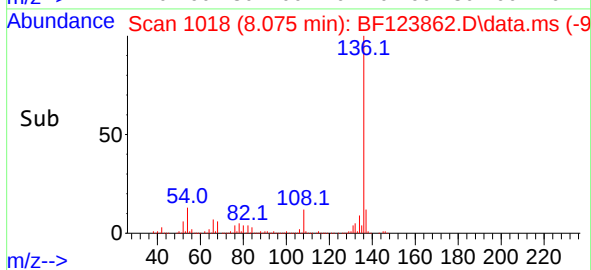
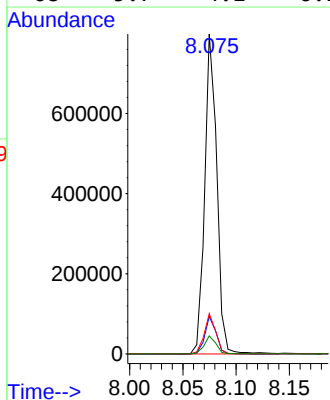
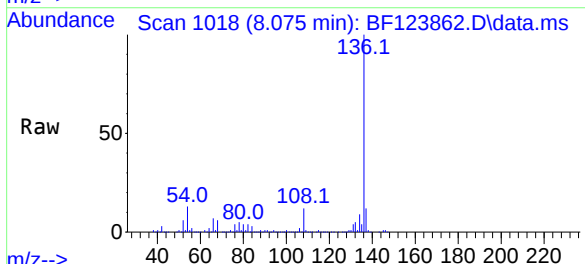
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

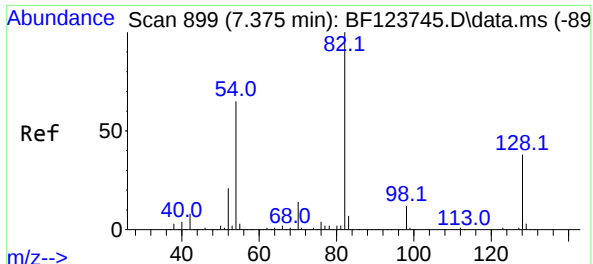
Tgt Ion: 99 Resp: 610348
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.8
71 38.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion: 136 Resp: 633524
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 12.6 9.8 14.6
68 5.7 4.1 6.1

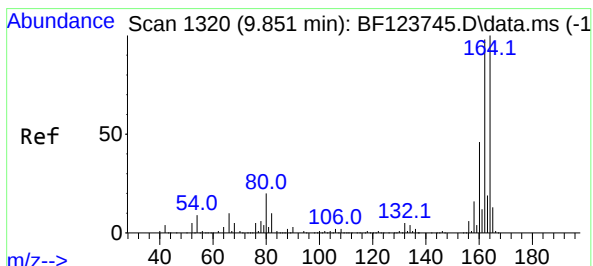
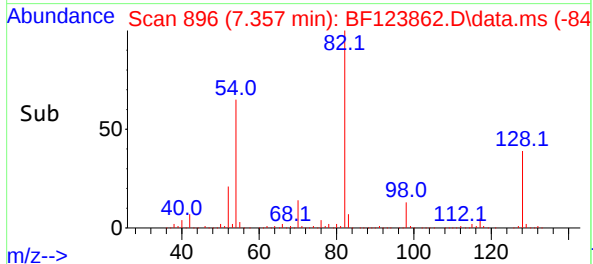
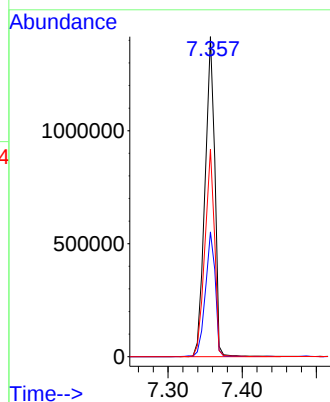
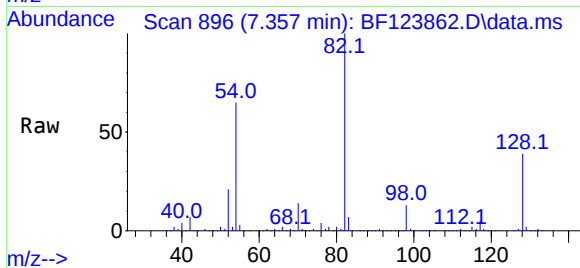




#23
Nitrobenzene-d5
Concen: 92.73 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

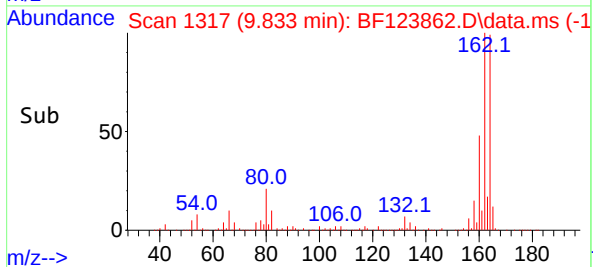
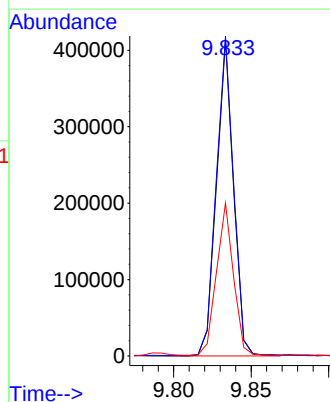
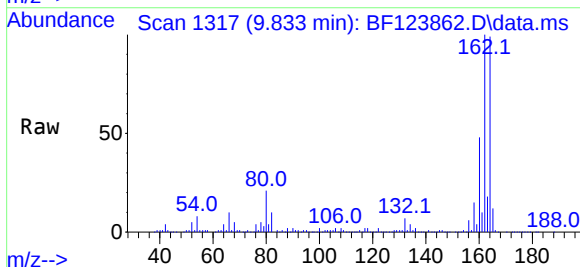
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

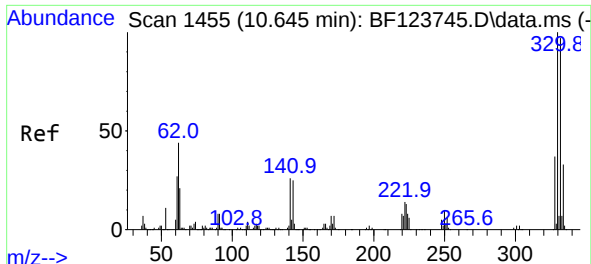
Tgt Ion: 82 Resp: 1301305
Ion Ratio Lower Upper
82 100
128 39.0 29.4 44.2
54 64.8 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion:164 Resp: 315622
Ion Ratio Lower Upper
164 100
162 101.2 80.7 121.1
160 48.4 37.3 55.9

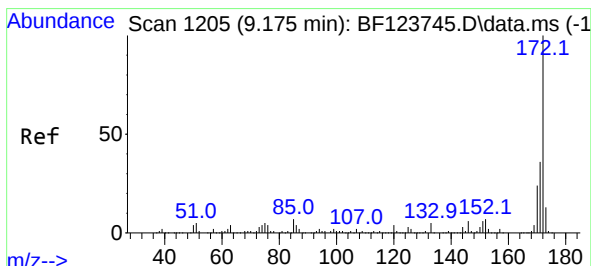
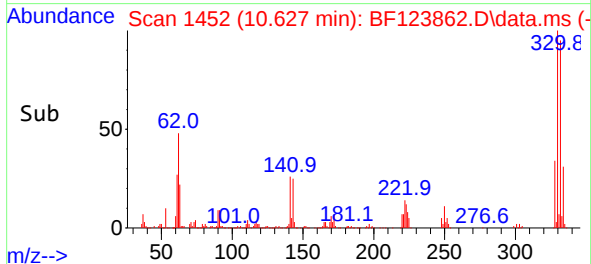
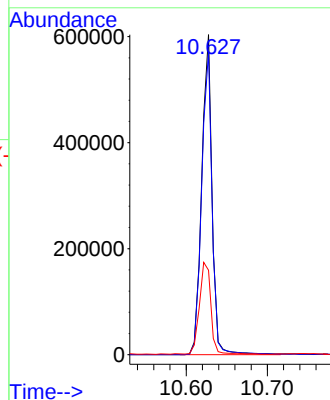
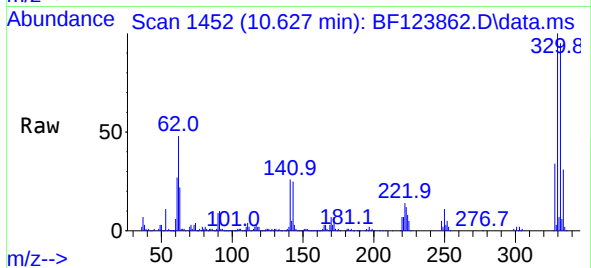




#42
2,4,6-Tribromophenol
Concen: 136.12 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

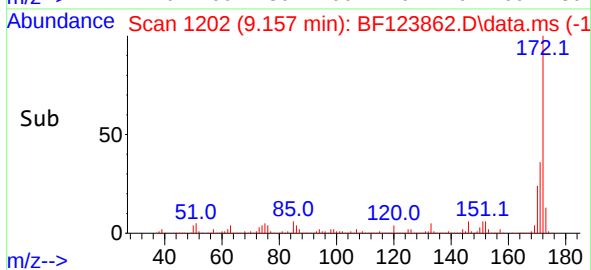
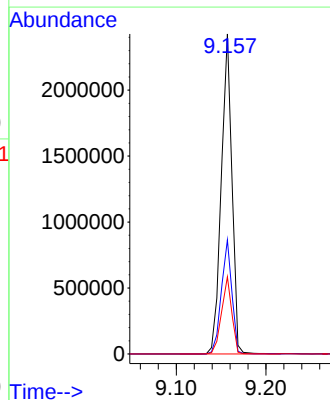
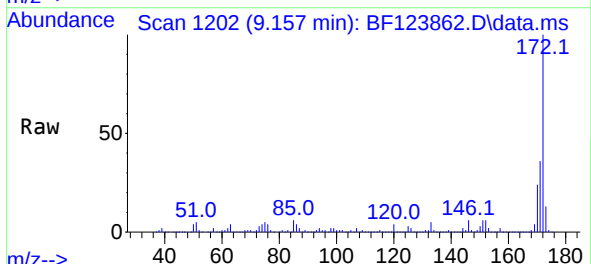
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

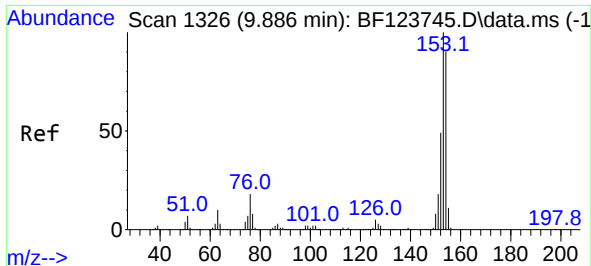
Tgt Ion: 330 Resp: 534815
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 32.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 92.43 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion: 172 Resp: 2003125
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.1 19.2 28.8

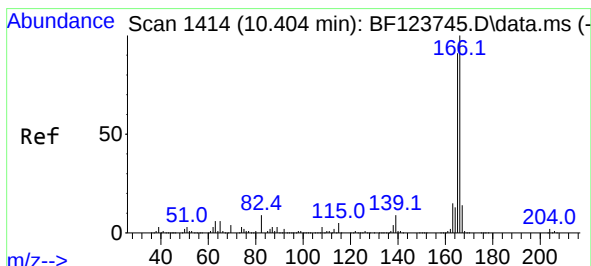
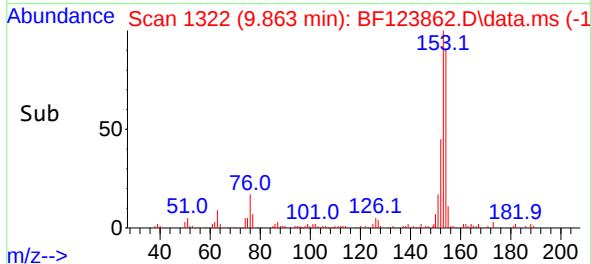
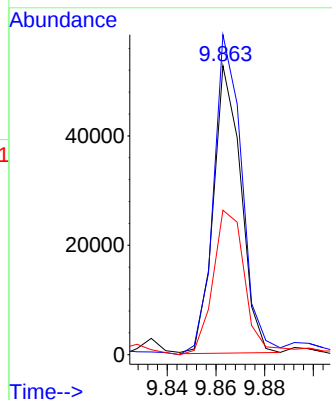
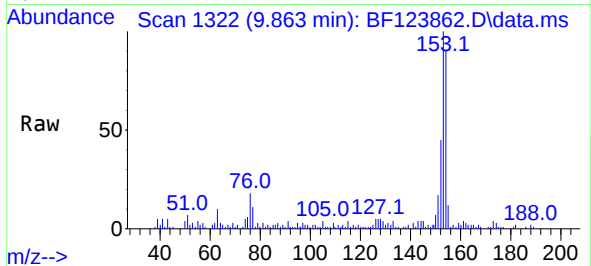




#52
Acenaphthene
Concen: 2.16 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

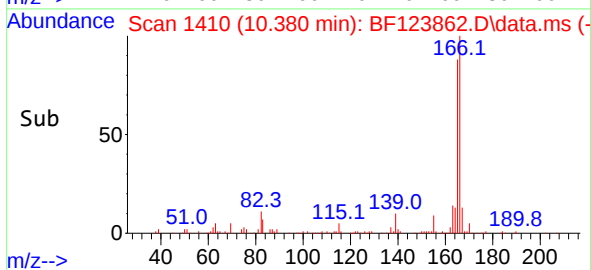
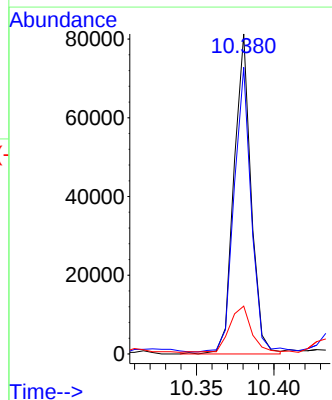
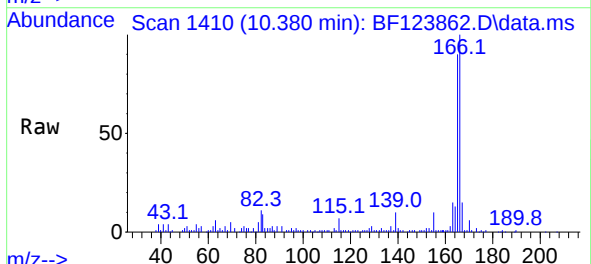
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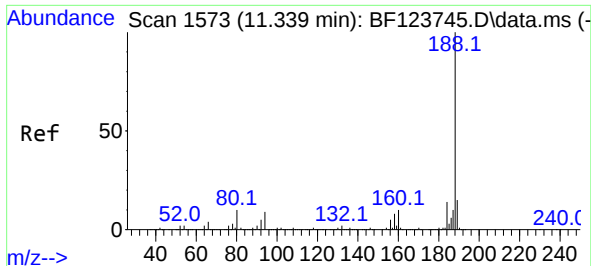
Tgt Ion:154 Resp: 41423
Ion Ratio Lower Upper
154 100
153 110.7 88.1 132.1
152 50.0 43.4 65.0



#58
Fluorene
Concen: 2.80 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion:166 Resp: 62352
Ion Ratio Lower Upper
166 100
165 89.5 73.5 110.3
167 14.9 10.7 16.1

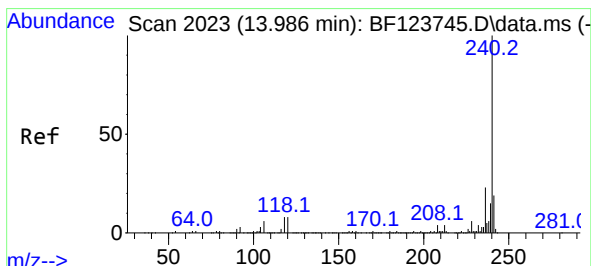
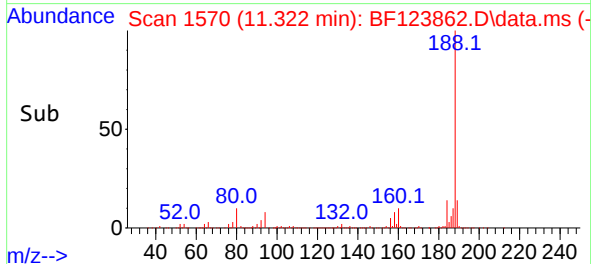
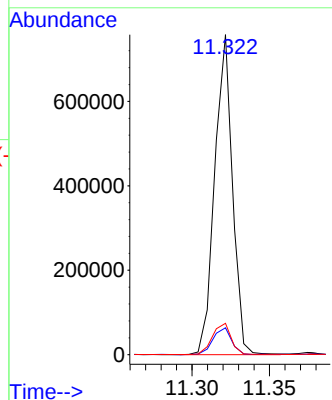
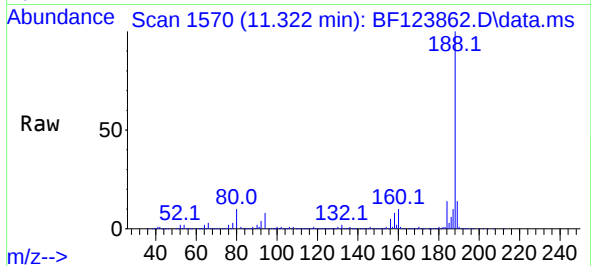




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

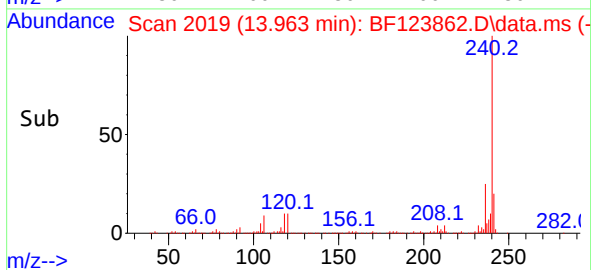
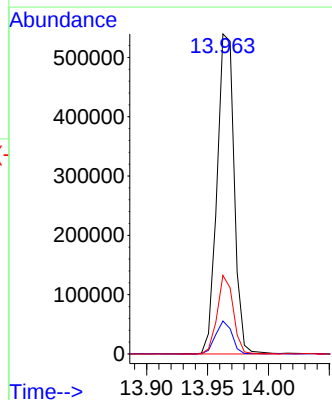
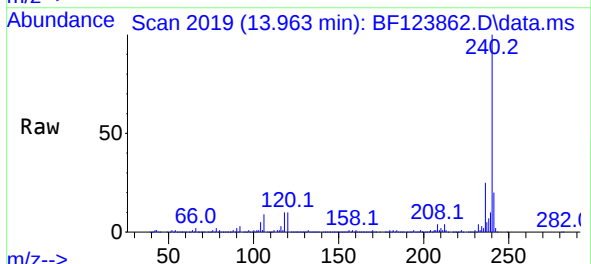
Instrument :
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OWL-C2-GW

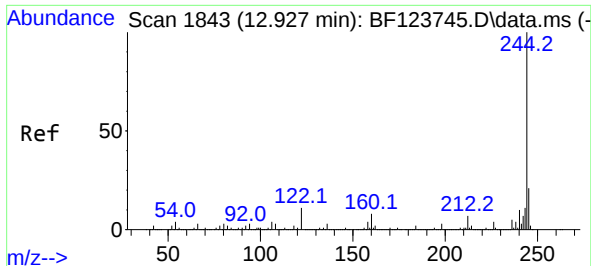
Tgt Ion:188 Resp: 604843
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.8 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

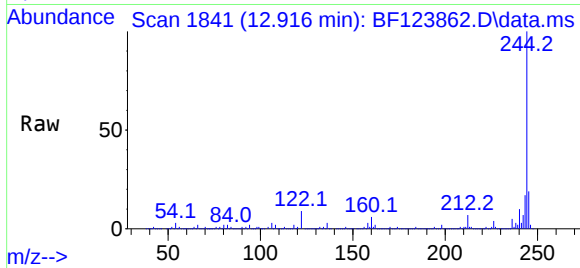
Tgt Ion:240 Resp: 529501
Ion Ratio Lower Upper
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120 10.3 7.2 10.8
236 24.6 19.0 28.4



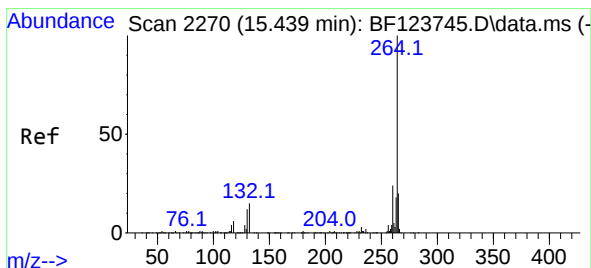
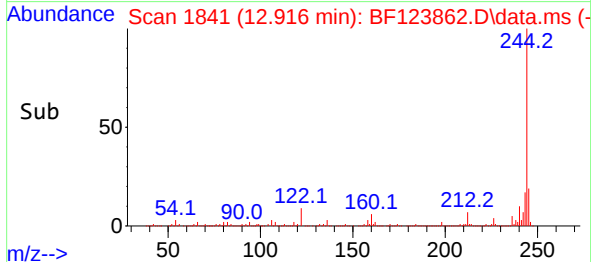
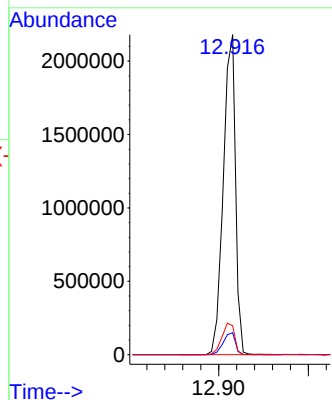


#79
Terphenyl-d14
Concen: 74.66 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW



Tgt Ion:244 Resp: 2052928
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.1 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: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion:264 Resp: 443404
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 20.1 17.8 26.8

