

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123857.D
 Acq On : 6 May 2021 16:27
 Operator : JU/CG
 Sample : M2304-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

Quant Time: May 06 16:55:03 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)

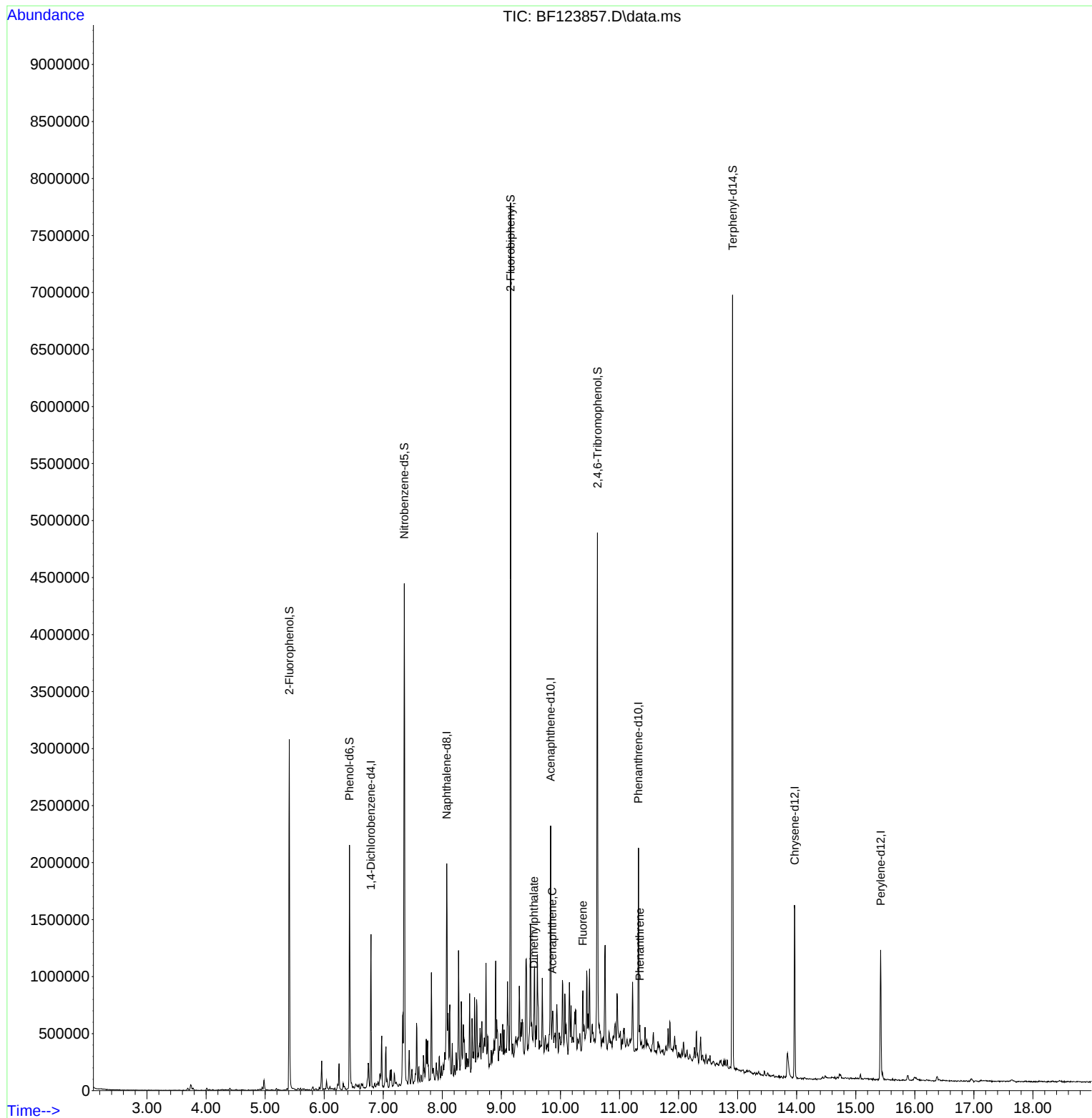
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	169304	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	624769	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	320429	20.00	ng	0.00
64) Phenanthrene-d10	11.321	188	605222	20.00	ng	0.00
76) Chrysene-d12	13.968	240	560828	20.00	ng	0.00
86) Perylene-d12	15.421	264	488864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	699599	65.46	ng	0.00
7) Phenol-d6	6.428	99	564055	38.32	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1309787	94.64	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	522406	130.96	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1953919	88.80	ng	0.00
79) Terphenyl-d14	12.915	244	2242383	76.99	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.551	163	52480	2.33	ng	# 96
52) Acenaphthene	9.863	154	46563	2.39	ng	95
58) Fluorene	10.380	166	103018	4.55	ng	# 93
71) Phenanthrene	11.345	178	70159	2.21	ng	96

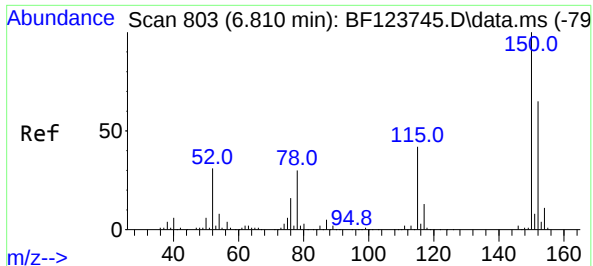
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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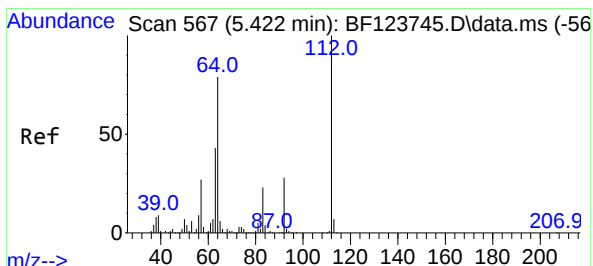
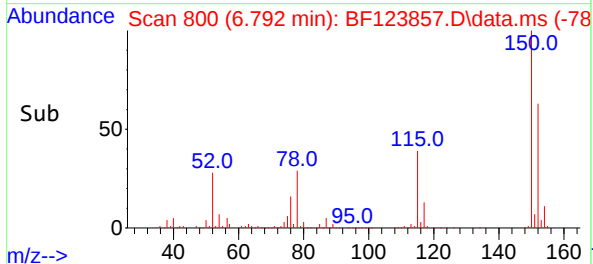
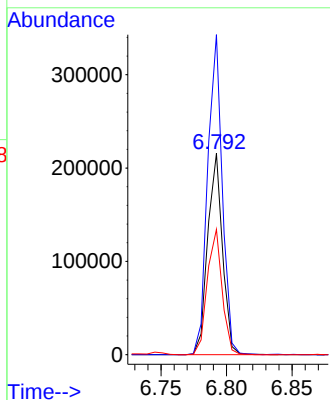
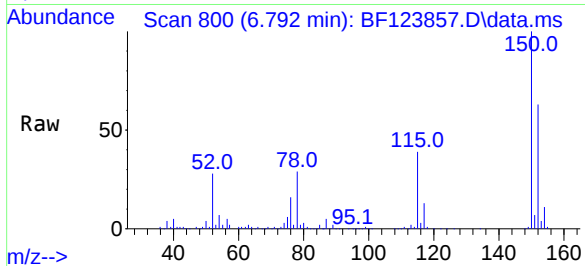




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

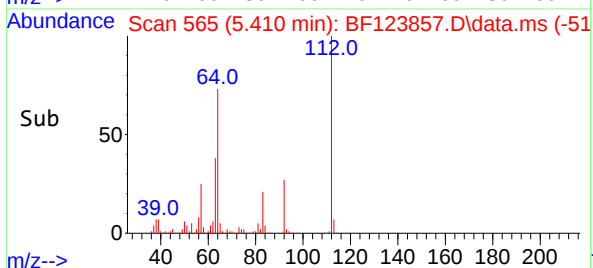
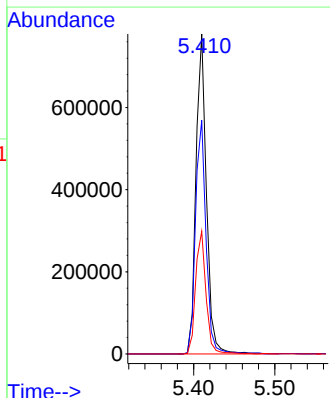
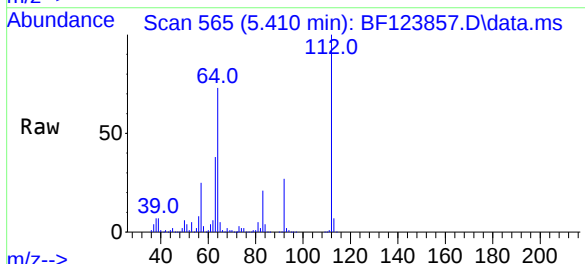
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

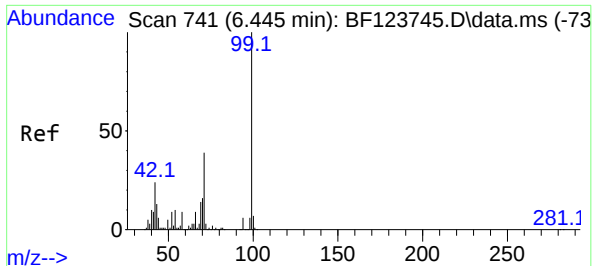
Tgt Ion:152 Resp: 169304
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 62.2 54.3 81.5



#5
2-Fluorophenol
Concen: 65.46 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

Tgt Ion:112 Resp: 699599
Ion Ratio Lower Upper
112 100
64 73.0 61.4 92.0
63 38.4 33.0 49.4

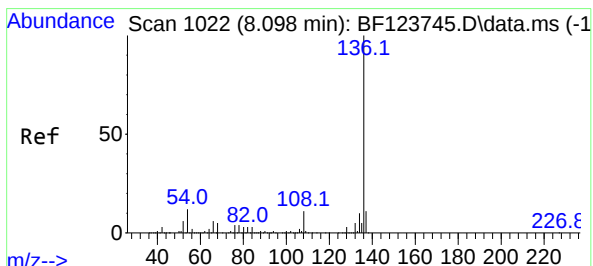
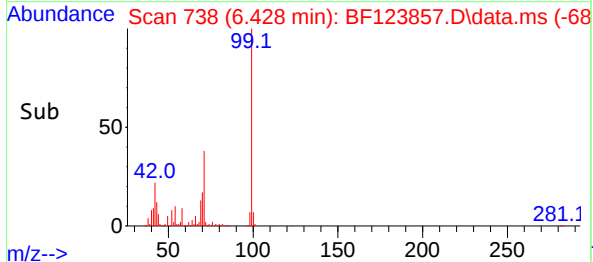
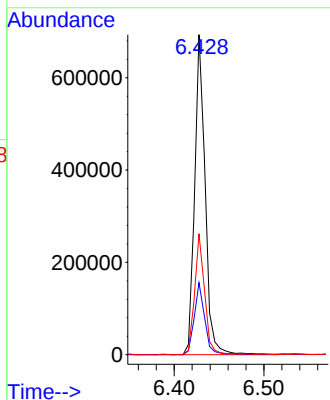
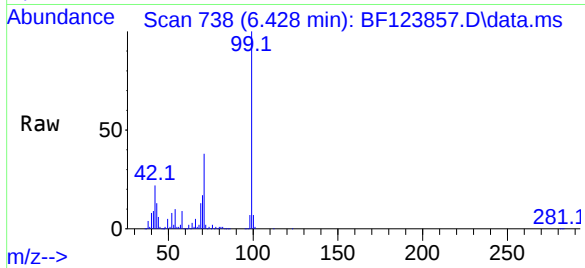




#7
Phenol-d6
Concen: 38.32 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

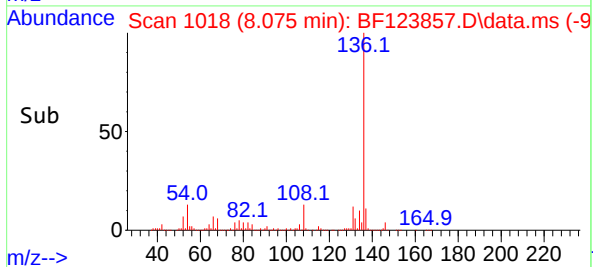
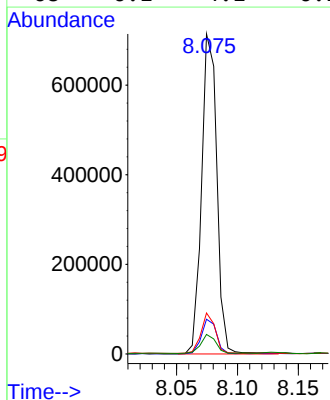
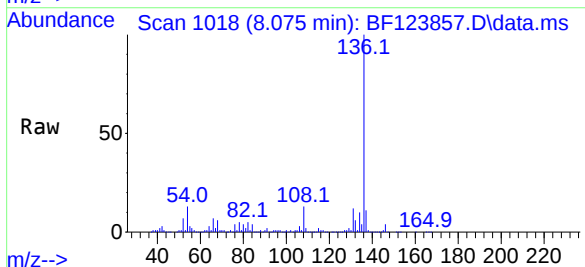
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

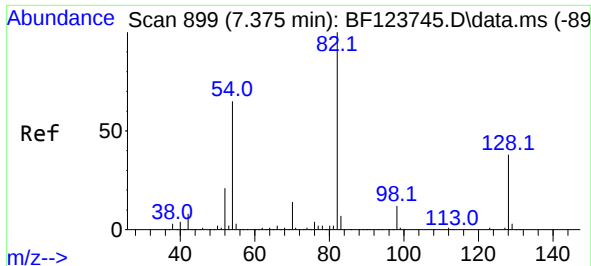
Tgt Ion: 99 Resp: 564055
Ion Ratio Lower Upper
99 100
42 22.5 19.8 29.8
71 37.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

Tgt Ion: 136 Resp: 624769
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 12.8 9.8 14.6
68 6.1 4.1 6.1

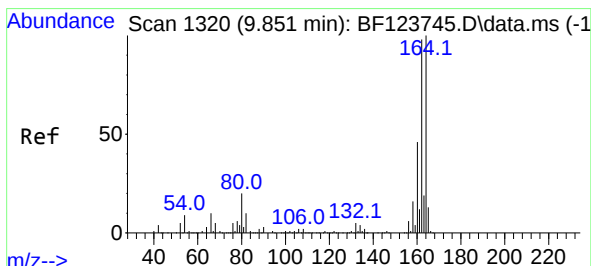
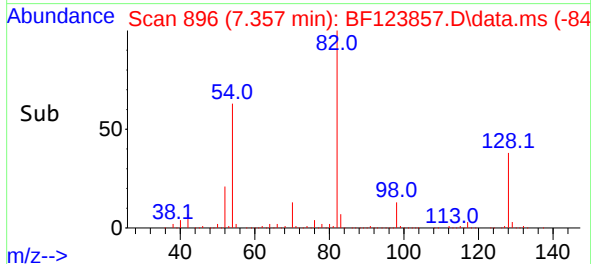
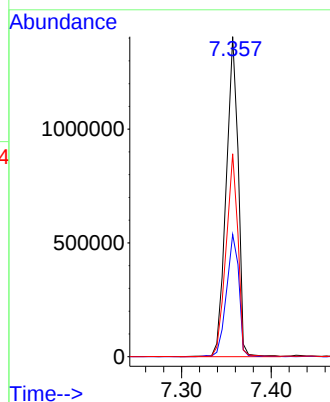
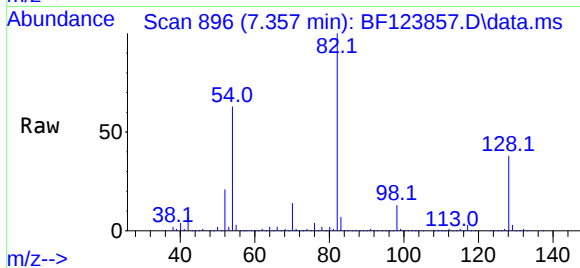




#23
Nitrobenzene-d5
Concen: 94.64 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

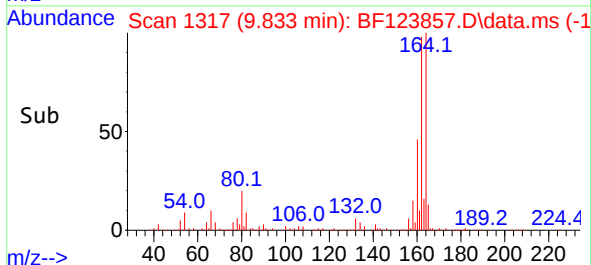
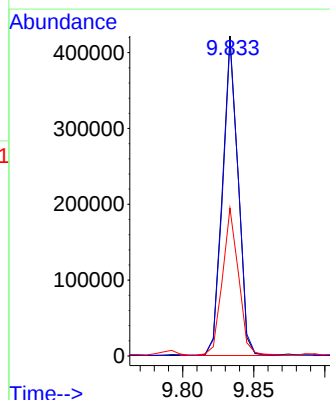
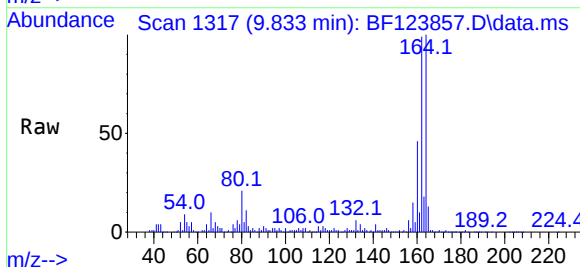
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

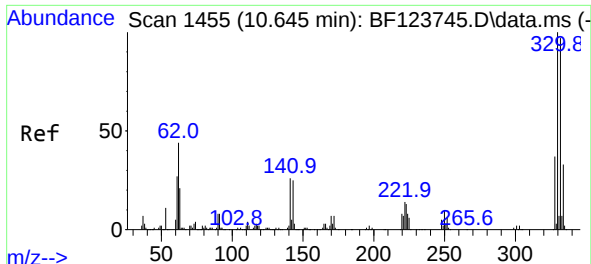
Tgt Ion: 82 Resp: 1309787
Ion Ratio Lower Upper
82 100
128 38.2 29.4 44.2
54 63.4 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

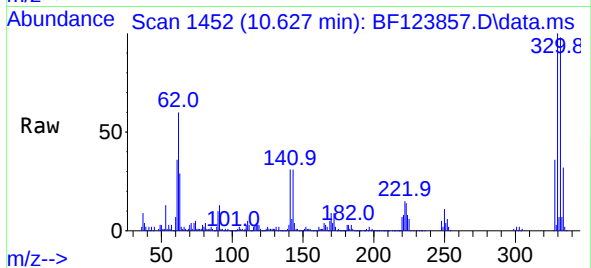
Tgt Ion:164 Resp: 320429
Ion Ratio Lower Upper
164 100
162 98.7 80.7 121.1
160 46.2 37.3 55.9



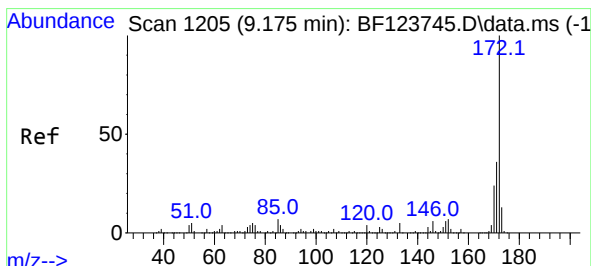
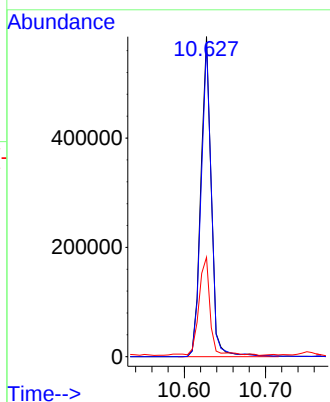
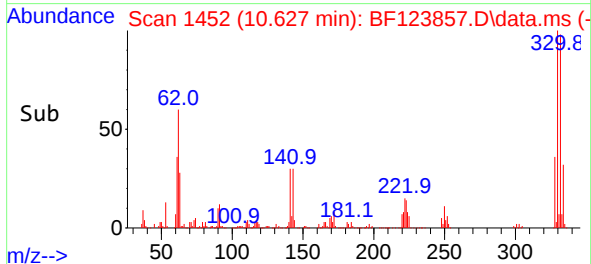


#42
2,4,6-Tribromophenol
Concen: 130.96 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

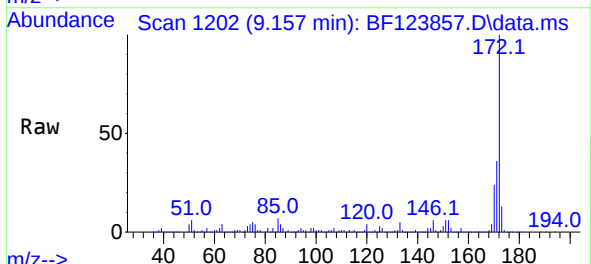
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW



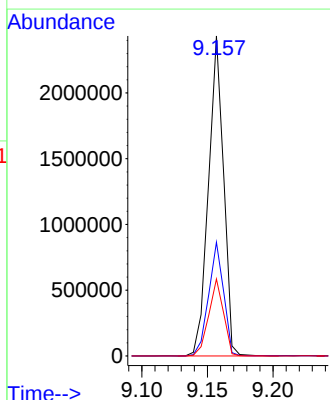
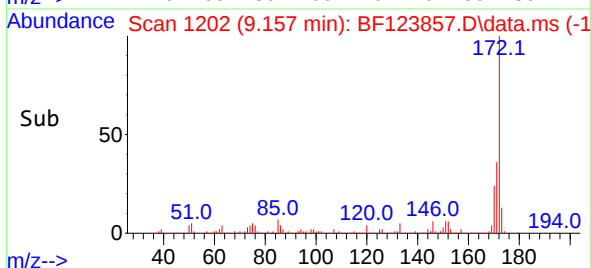
Tgt Ion:330 Resp: 522406
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 33.4 27.9 41.9

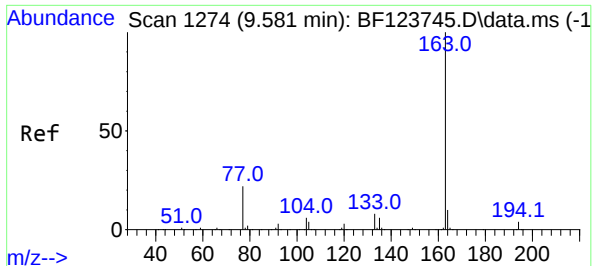


#45
2-Fluorobiphenyl
Concen: 88.80 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27



Tgt Ion:172 Resp: 1953919
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.1 19.2 28.8





#50

Dimethylphthalate

Concen: 2.33 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF123857.D

Acq: 6 May 2021 16:27

Tgt Ion:163 Resp: 52480

Ion Ratio Lower Upper

163 100

194 5.2 3.1 4.7#

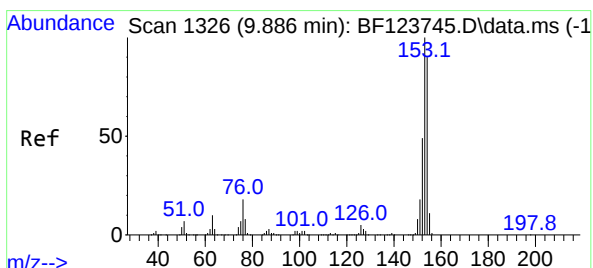
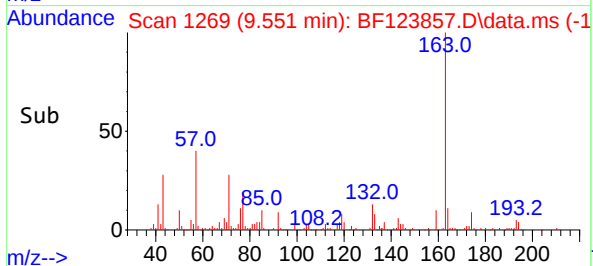
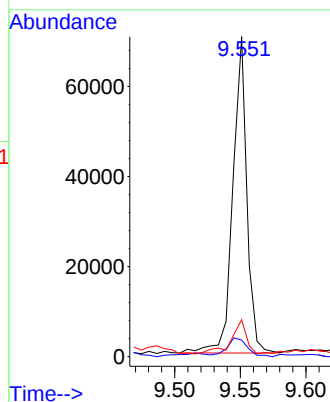
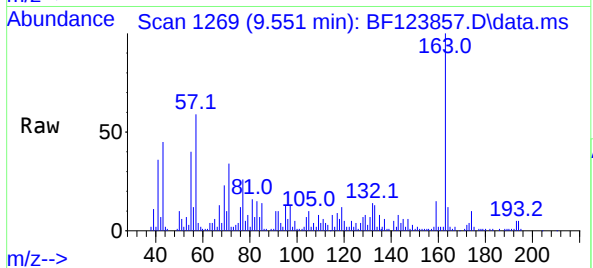
164 11.5 8.2 12.2

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW



#52

Acenaphthene

Concen: 2.39 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF123857.D

Acq: 6 May 2021 16:27

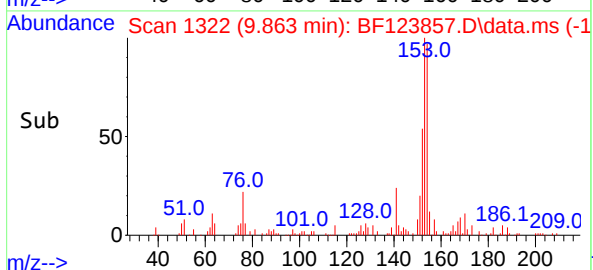
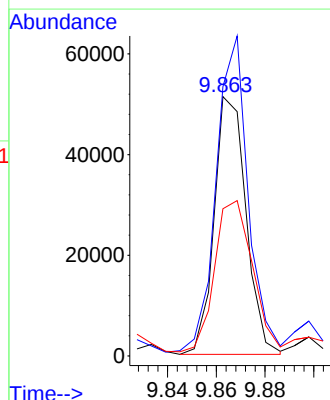
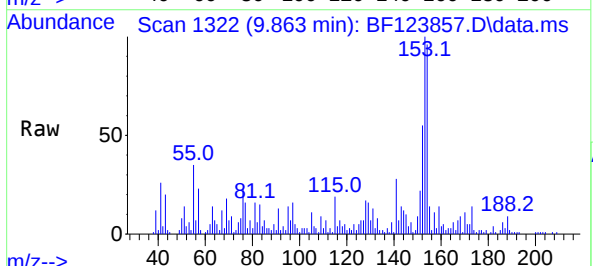
Tgt Ion:154 Resp: 46563

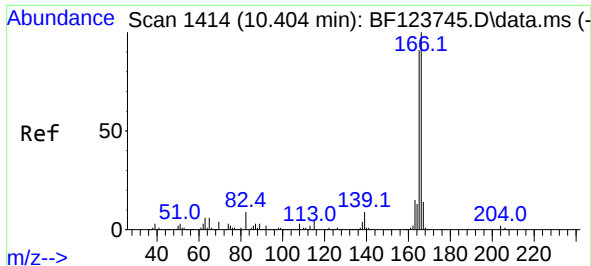
Ion Ratio Lower Upper

154 100

153 103.8 88.1 132.1

152 56.8 43.4 65.0

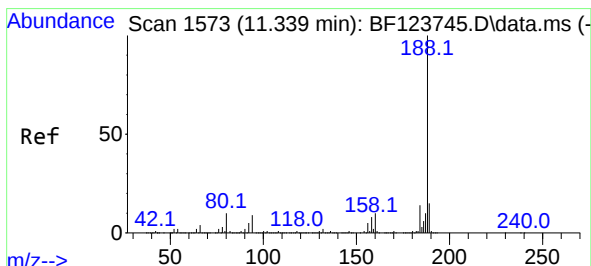
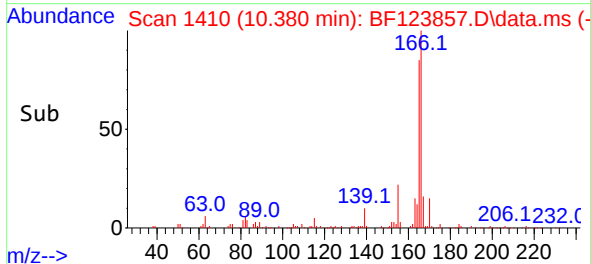
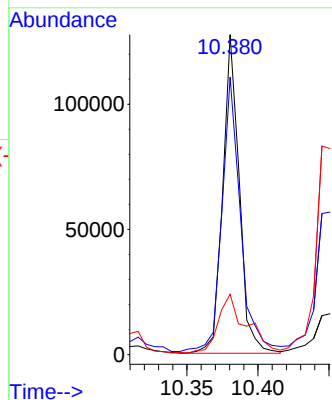
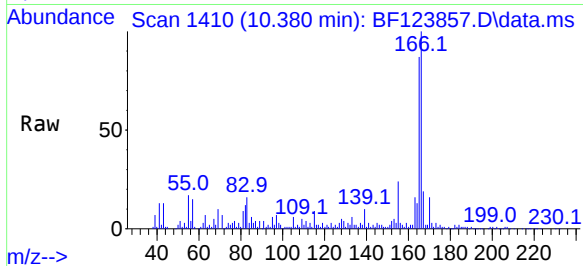




#58
Fluorene
Concen: 4.55 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

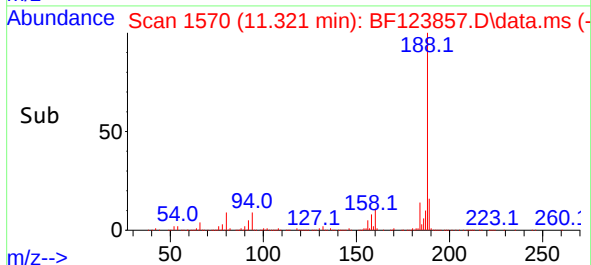
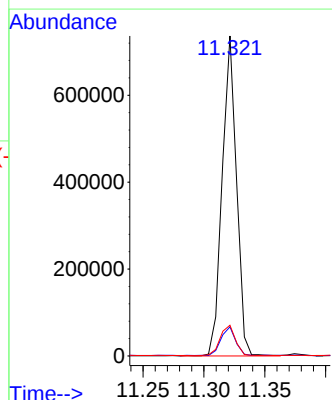
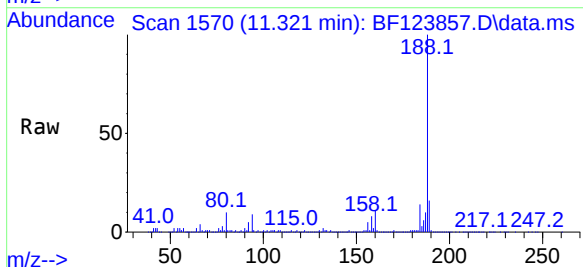
Instrument :
BNA_F
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OWL-C5-GW

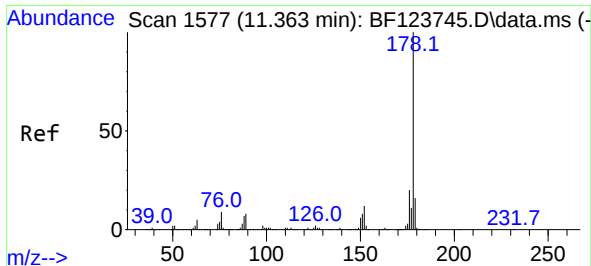
Tgt Ion:166 Resp: 103018
Ion Ratio Lower Upper
166 100
165 86.7 73.5 110.3
167 18.9 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

Tgt Ion:188 Resp: 605222
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 9.6 8.2 12.2

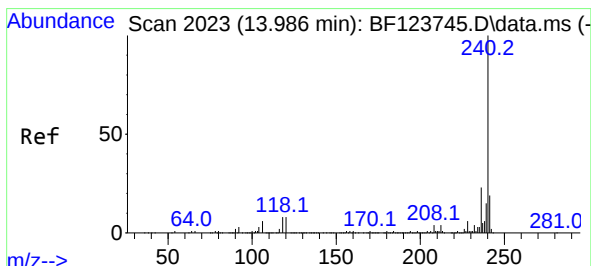
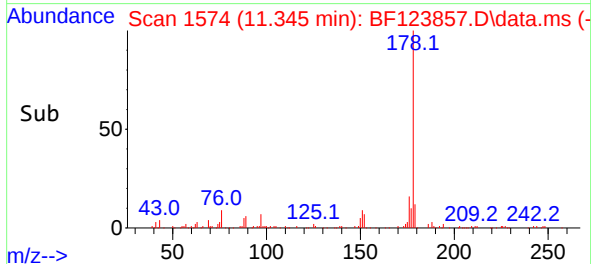
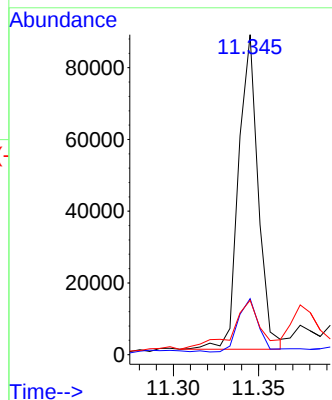
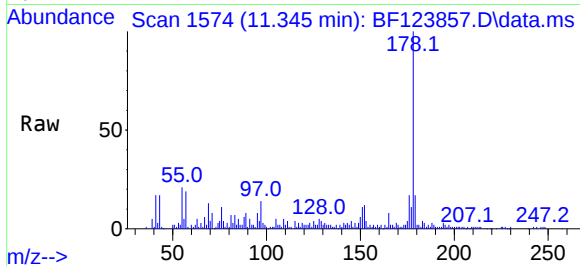




#71
Phenanthrene
Concen: 2.21 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

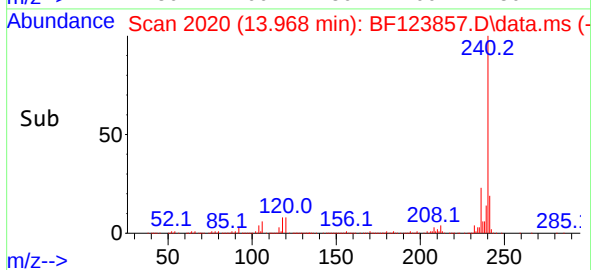
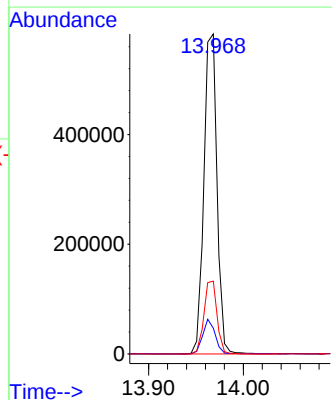
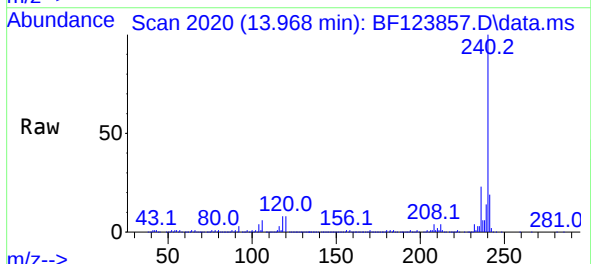
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

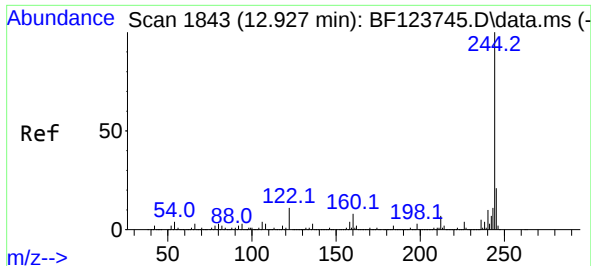
Tgt Ion:	178	Resp:	70159
Ion Ratio	Lower	Upper	
178	100		
176	17.5	15.6	23.4
179	17.0	12.5	18.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

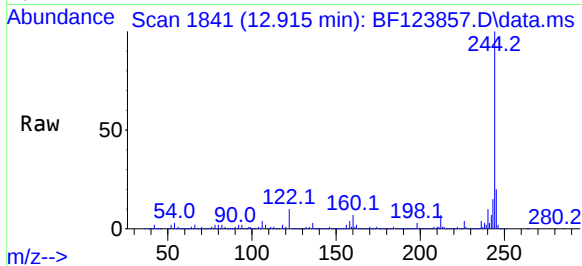
Tgt Ion:	240	Resp:	560828
Ion Ratio	Lower	Upper	
240	100		
120	8.1	7.2	10.8
236	22.8	19.0	28.4



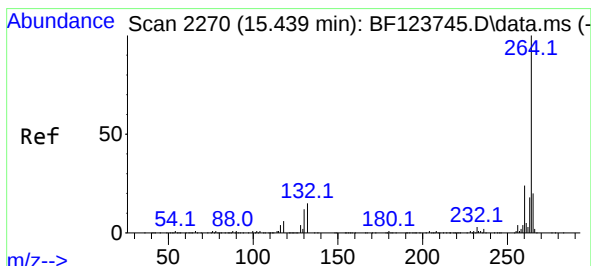
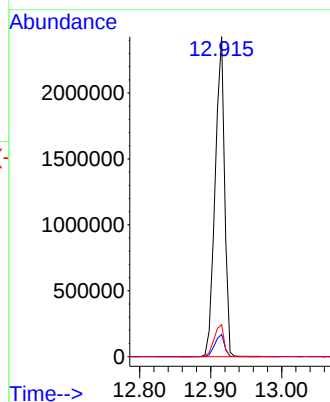
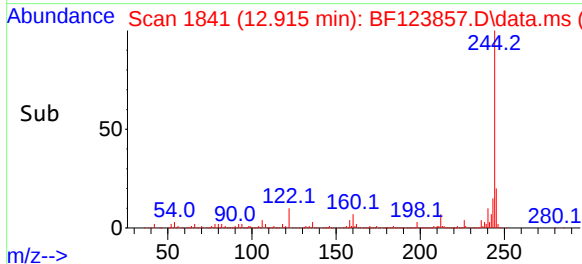


#79
Terphenyl-d14
Concen: 76.99 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

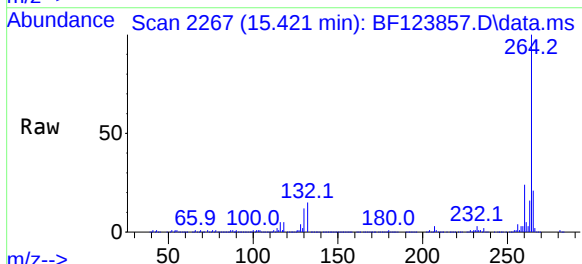
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW



Tgt Ion:244 Resp: 2242383
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.0 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: BF123857.D
Acq: 6 May 2021 16:27



Tgt Ion:264 Resp: 488864
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 20.7 17.8 26.8

