

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123861.D
 Acq On : 6 May 2021 18:36
 Operator : JU/CG
 Sample : M2304-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

Quant Time: May 07 01:02:48 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)

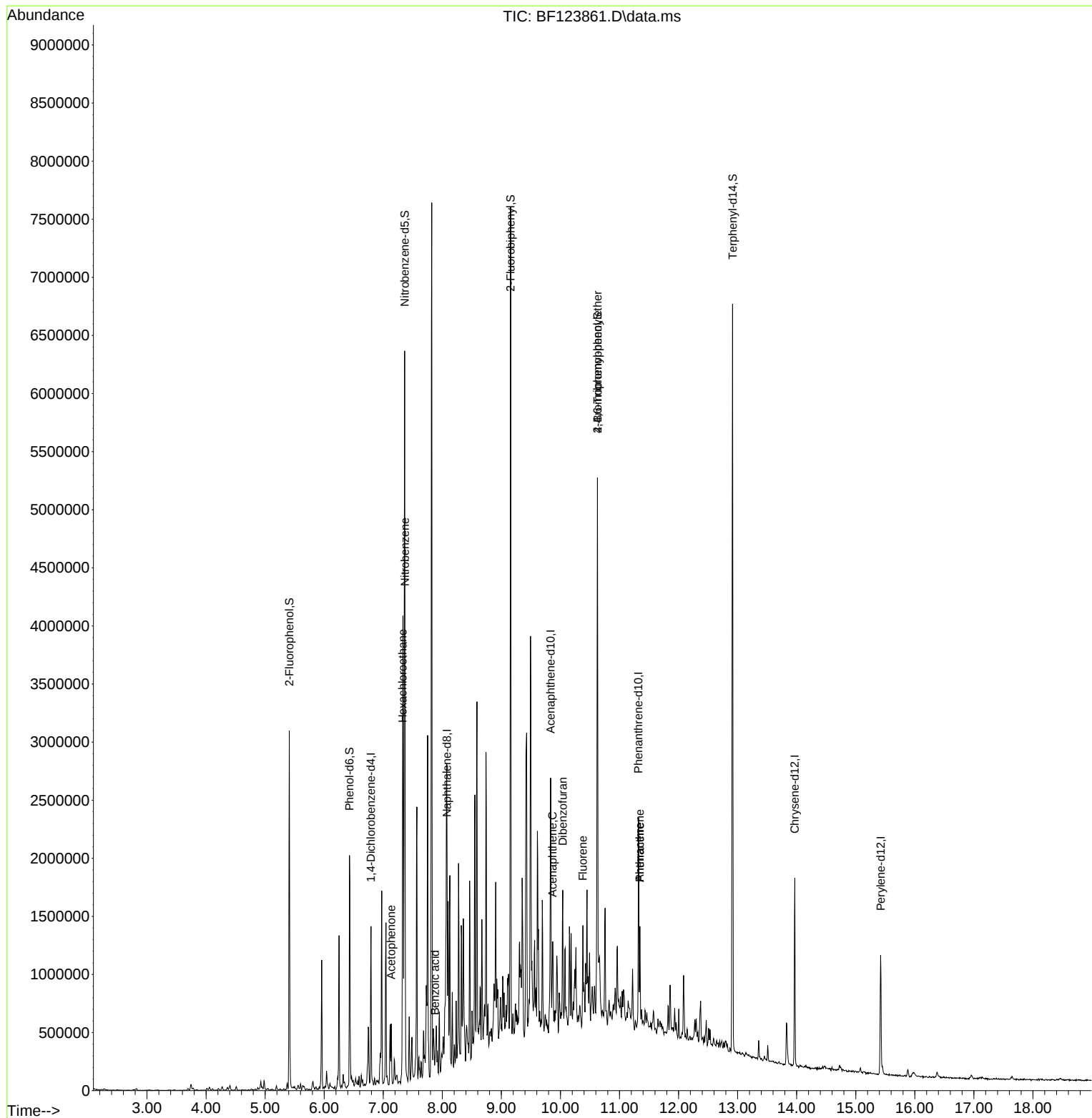
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	169787	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	630377	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	330443	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	622666	20.00	ng	0.00
76) Chrysene-d12	13.968	240	541454	20.00	ng	0.00
86) Perylene-d12	15.421	264	459040	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	668778	62.40	ng	0.00
7) Phenol-d6	6.428	99	570915	38.67	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1219214	87.31	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	536347	130.38	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1902253	83.83	ng	0.00
79) Terphenyl-d14	12.916	244	2053023	73.01	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.328	117	345924	74.16	ng	# 36
22) Acetophenone	7.134	105	115692	6.75	ng	# 60
24) Nitrobenzene	7.369	77	65398	4.50	ng	# 1
32) Benzoic acid	7.875	122	2090	5.68	ng	# 47
52) Acenaphthene	9.869	154	110089	5.48	ng	90
55) Dibenzofuran	10.039	168	99946	3.29	ng	# 79
58) Fluorene	10.380	166	197257	8.45	ng	# 98
67) 4-Bromophenyl-phenylether	10.627	248	29773	4.54	ng	# 1
71) Phenanthrene	11.345	178	269109	8.24	ng	99
72) Anthracene	11.345	178	269109	8.29	ng	99

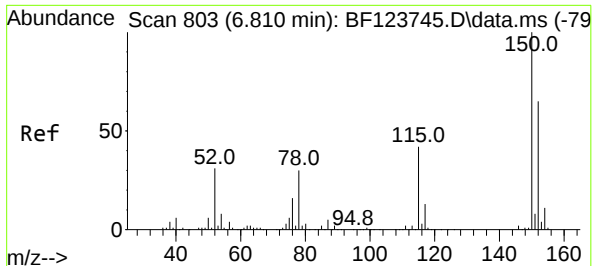
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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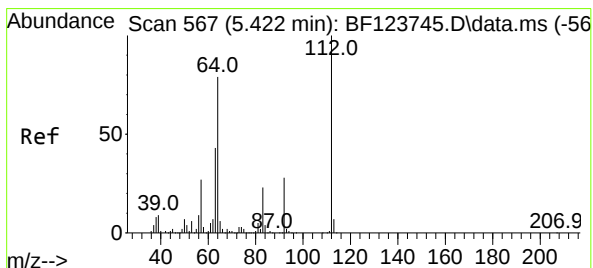
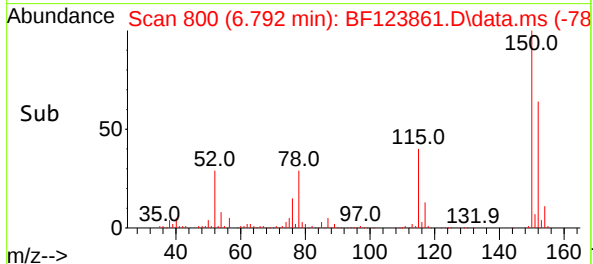
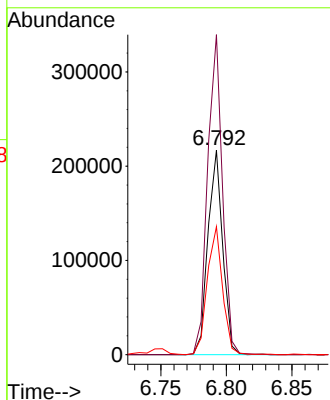
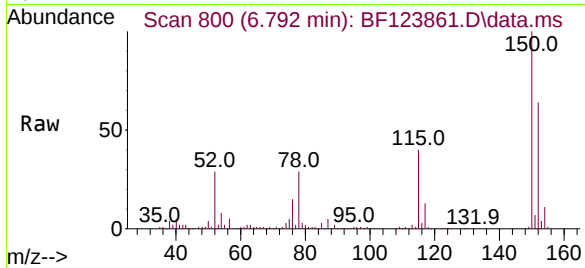




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

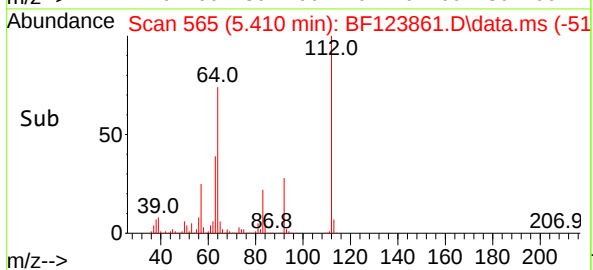
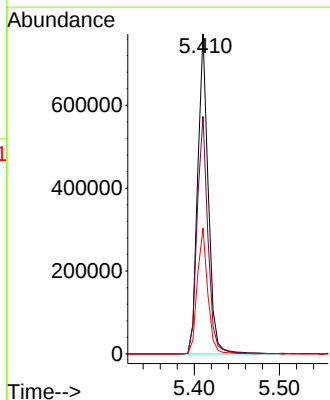
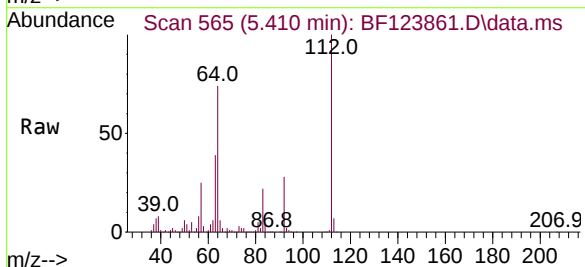
Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

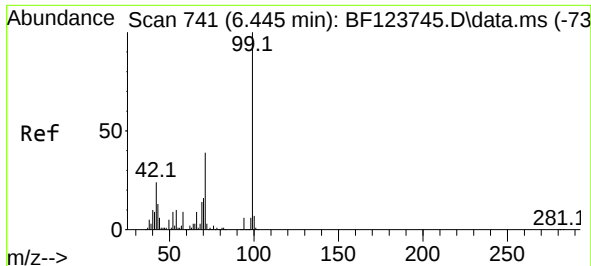
Tgt Ion:152 Resp: 169787
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 62.6 54.3 81.5



#5
2-Fluorophenol
Concen: 62.40 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

Tgt Ion:112 Resp: 668778
Ion Ratio Lower Upper
112 100
64 74.2 61.4 92.0
63 39.3 33.0 49.4

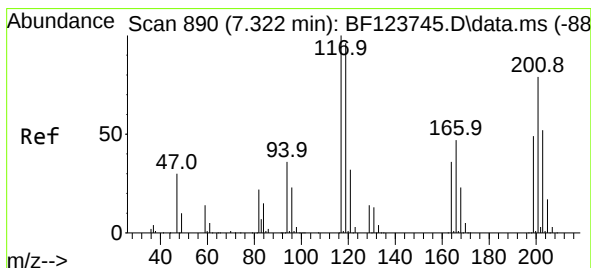
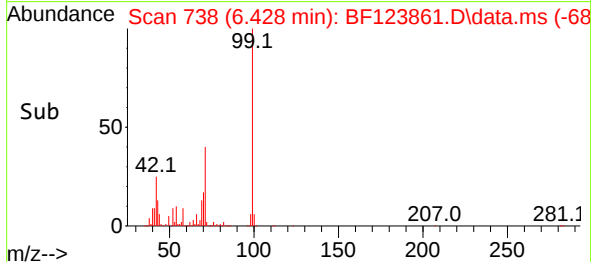
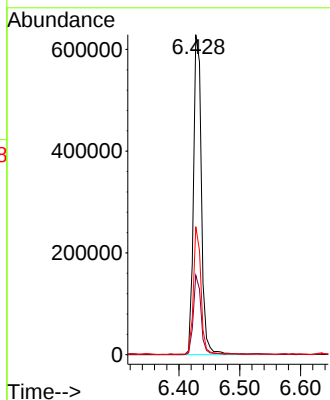
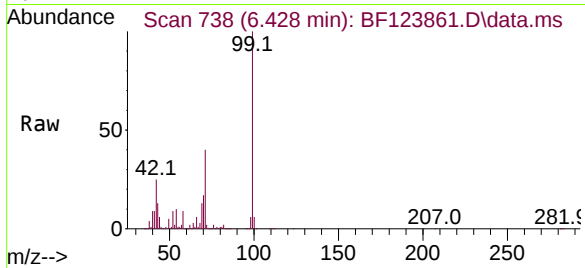




#7
Phenol-d6
Concen: 38.67 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

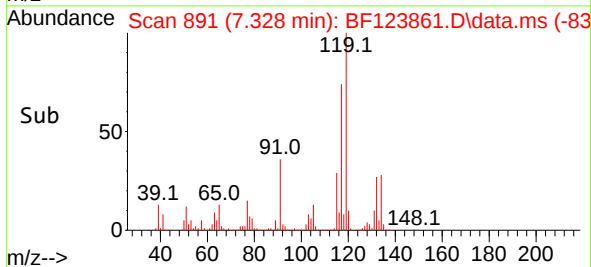
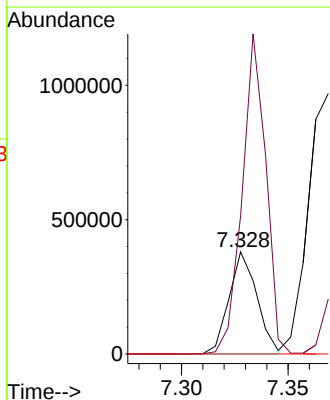
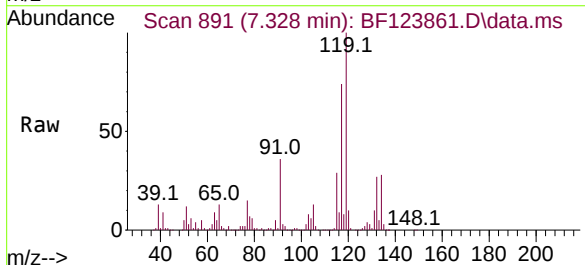
Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

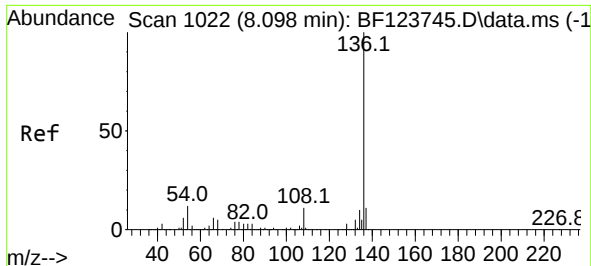
Tgt Ion: 99 Resp: 570915
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.8
71 40.0 31.1 46.7



#18
Hexachloroethane
Concen: 74.16 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.018 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

Tgt Ion: 117 Resp: 345924
Ion Ratio Lower Upper
117 100
119 135.1 77.8 116.8#
201 0.0 67.8 101.8#



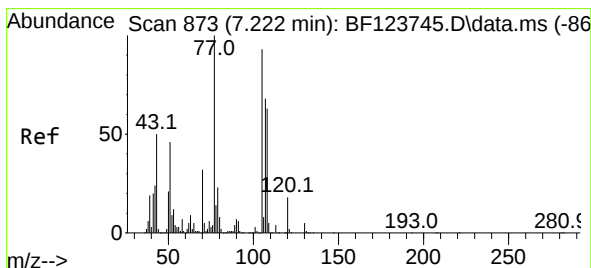
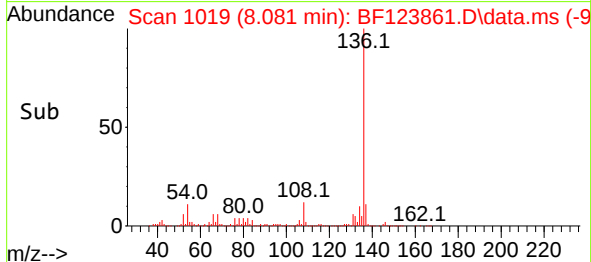
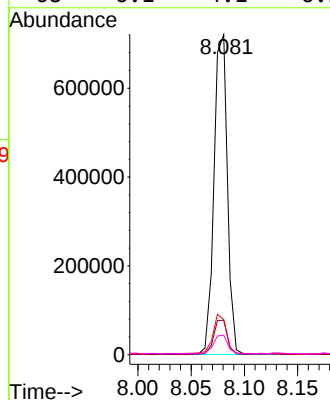
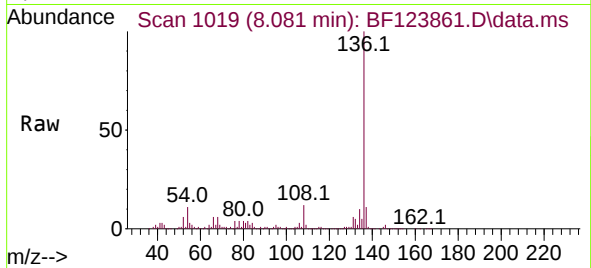


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:136 Resp: 630377

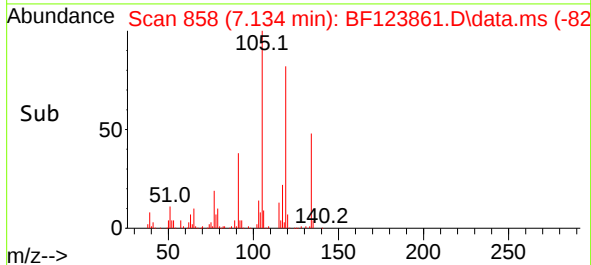
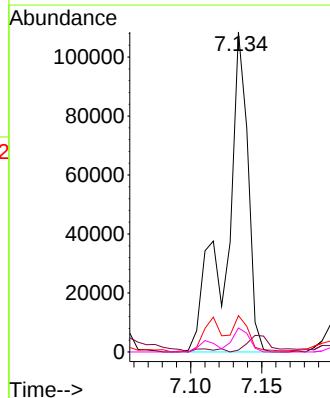
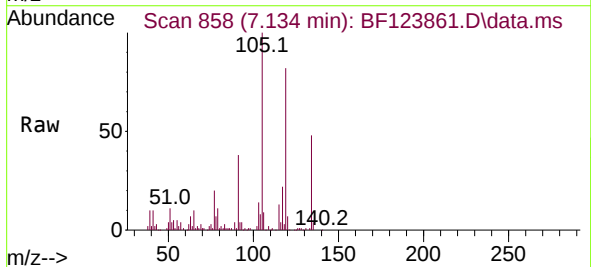
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.9	9.8	14.6
68	6.1	4.1	6.1

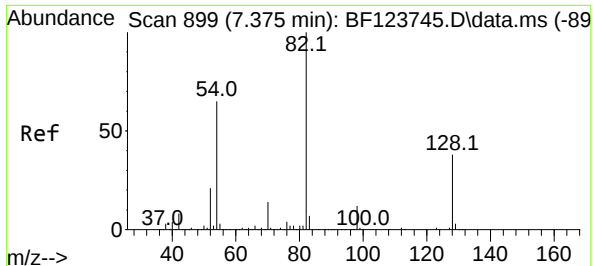


#22
Acetophenone
Concen: 6.75 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.077 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

Tgt Ion:105 Resp: 115692

Ion	Ratio	Lower	Upper
105	100		
71	0.6	4.2	6.4#
51	11.4	33.6	50.4#
120	7.5	16.3	24.5#





#23

Nitrobenzene-d5

Concen: 87.31 ng

RT: 7.363 min Scan# 897

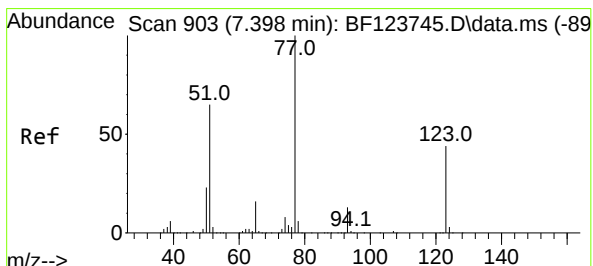
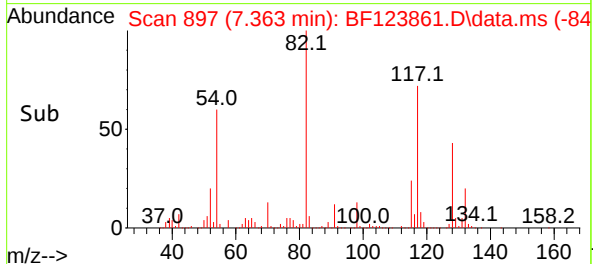
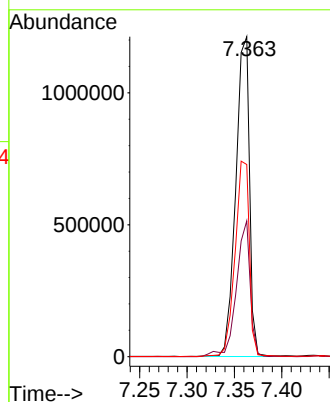
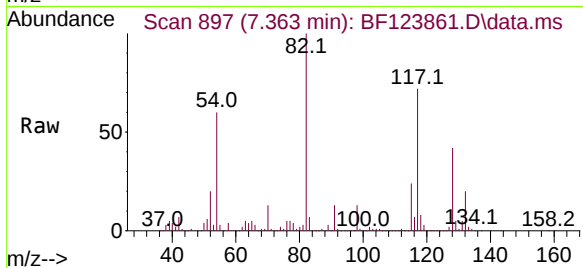
Delta R.T. -0.000 min

Lab File: BF123861.D

Acq: 6 May 2021 18:36

Tgt Ion: 82 Resp: 1219214

Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.4	44.2
54	60.1	54.1	81.1



#24

Nitrobenzene

Concen: 4.50 ng

RT: 7.369 min Scan# 898

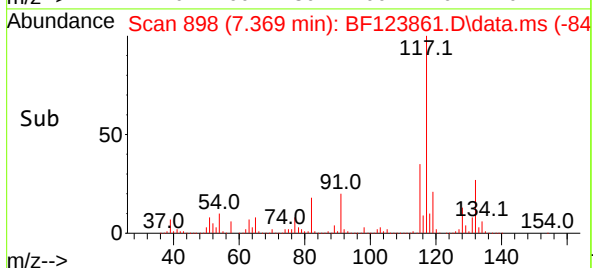
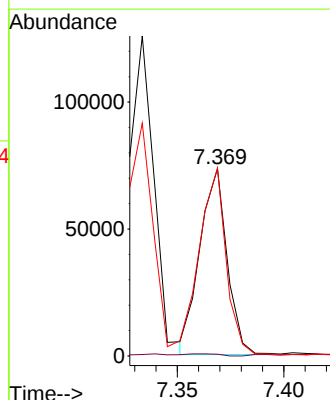
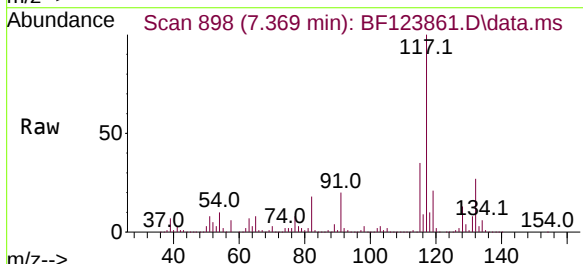
Delta R.T. -0.012 min

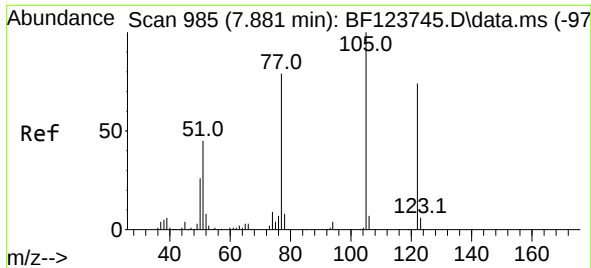
Lab File: BF123861.D

Acq: 6 May 2021 18:36

Tgt Ion: 77 Resp: 65398

Ion	Ratio	Lower	Upper
77	100		
123	1.0	34.5	51.7#
65	100.2	12.2	18.2#

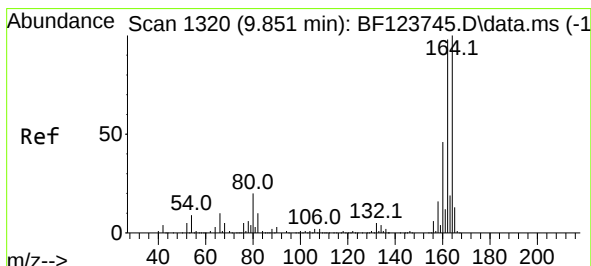
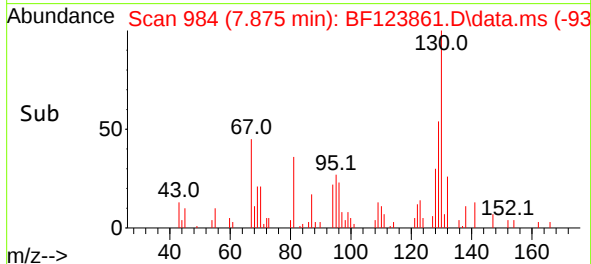
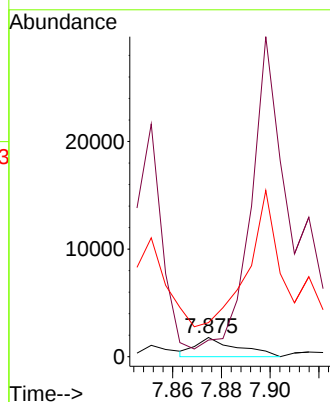
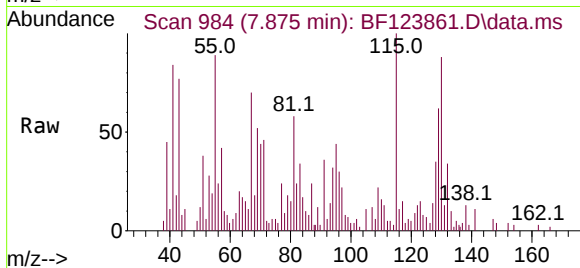




#32
Benzoic acid
Concen: 5.68 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

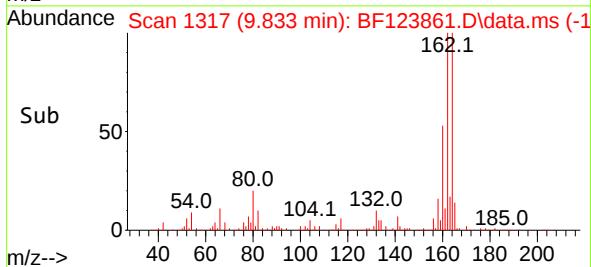
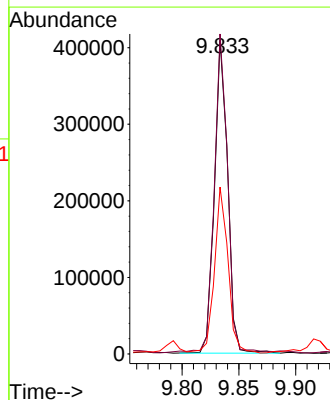
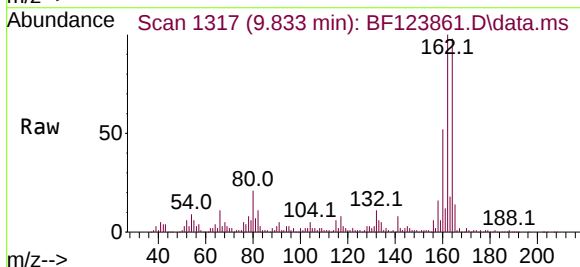
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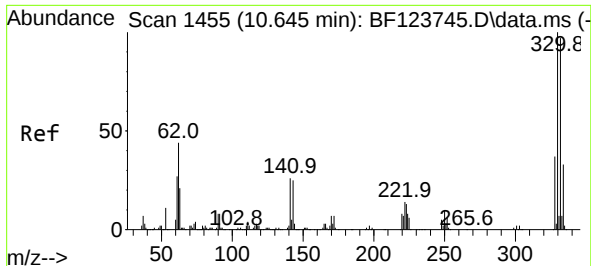
Tgt Ion:122 Resp: 2090
Ion Ratio Lower Upper
122 100
105 86.2 107.8 147.8#
77 177.1 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

Tgt Ion:164 Resp: 330443
Ion Ratio Lower Upper
164 100
162 102.0 80.7 121.1
160 53.2 37.3 55.9

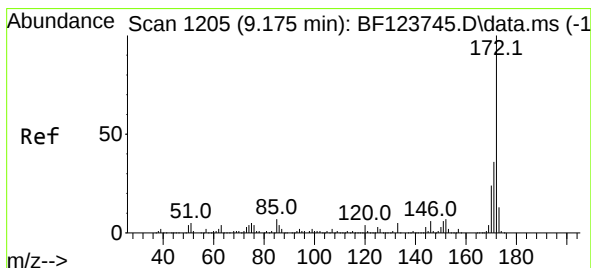
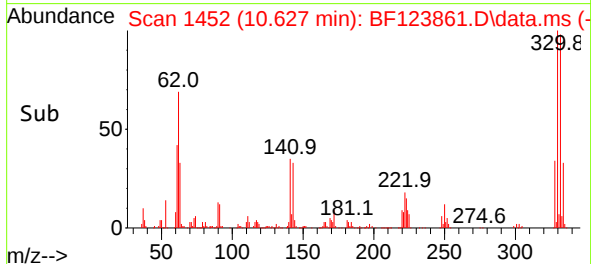
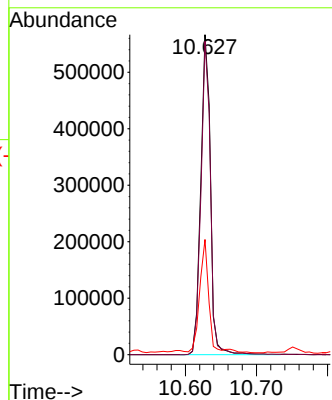
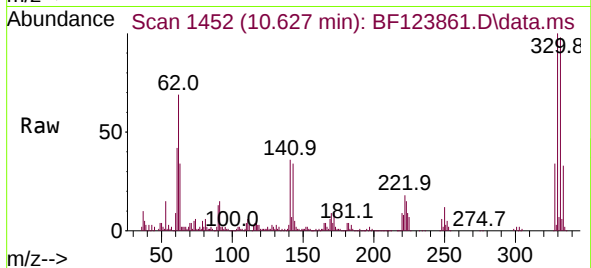




#42
2,4,6-Tribromophenol
Concen: 130.38 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

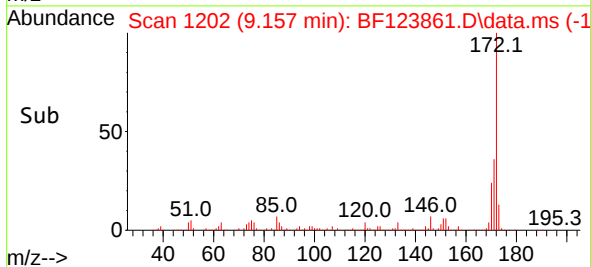
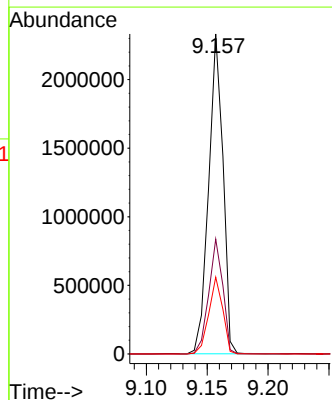
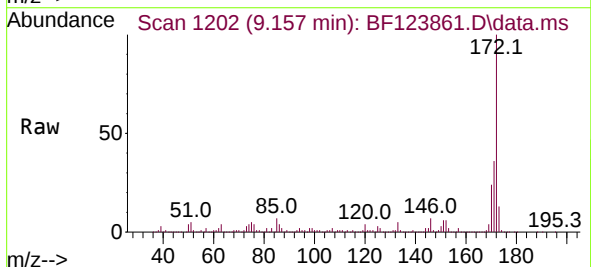
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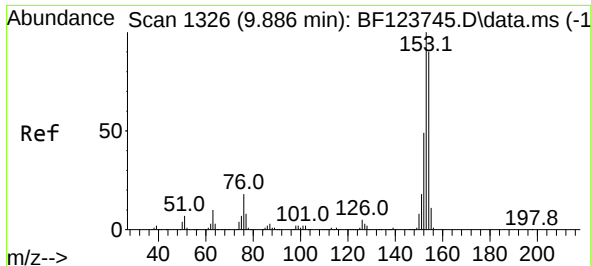
Tgt Ion:330 Resp: 536347
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 31.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 83.83 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

Tgt Ion:172 Resp: 1902253
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 24.0 19.2 28.8

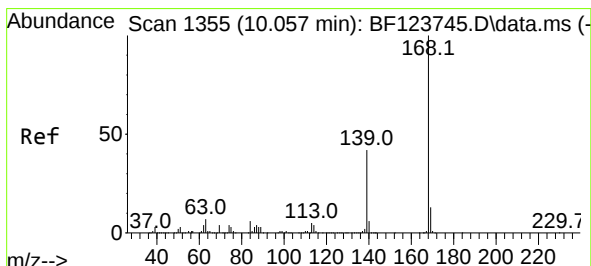
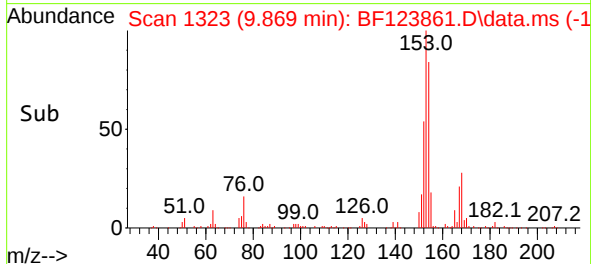
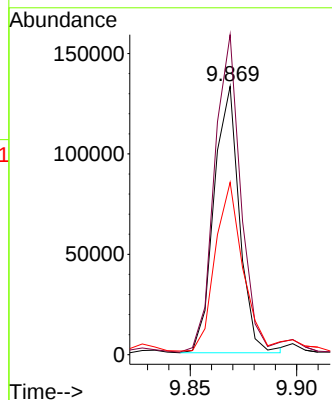
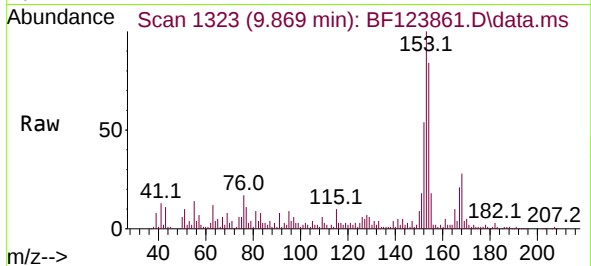




#52
Acenaphthene
Concen: 5.48 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

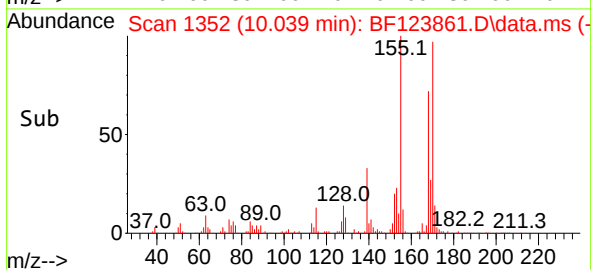
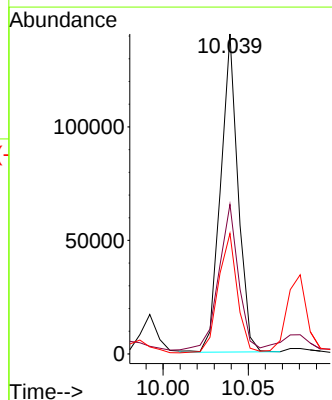
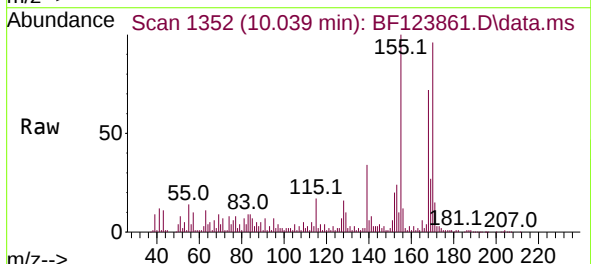
Instrument :
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OWL-C1-GW

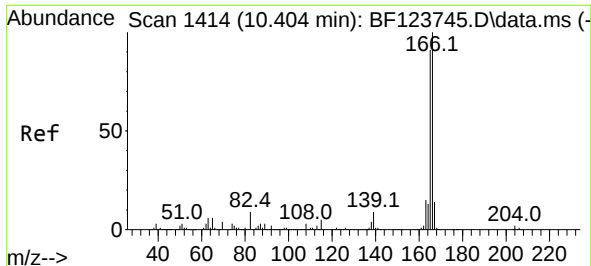
Tgt Ion:154 Resp: 110089
Ion Ratio Lower Upper
154 100
153 119.3 88.1 132.1
152 64.2 43.4 65.0



#55
Dibenzofuran
Concen: 3.29 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

Tgt Ion:168 Resp: 99946
Ion Ratio Lower Upper
168 100
139 46.7 33.2 49.8
169 37.6 10.8 16.2#

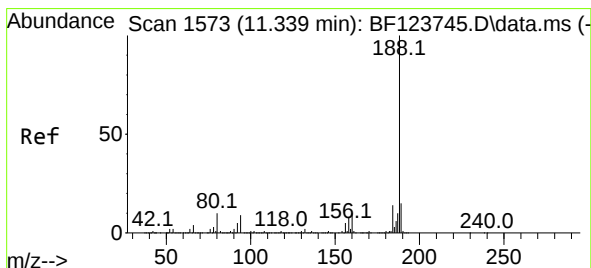
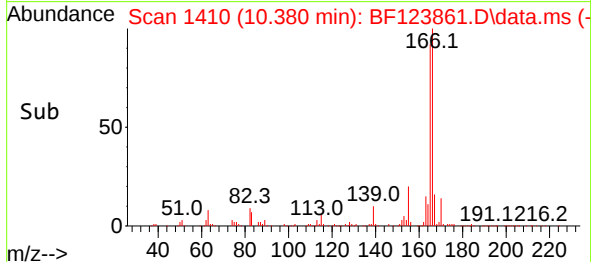
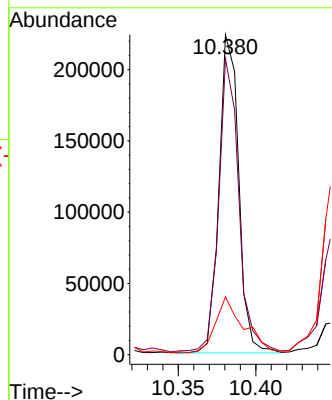
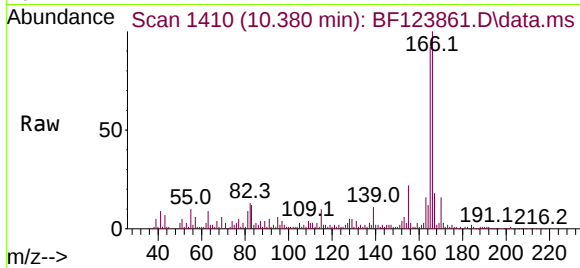




#58
Fluorene
Concen: 8.45 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

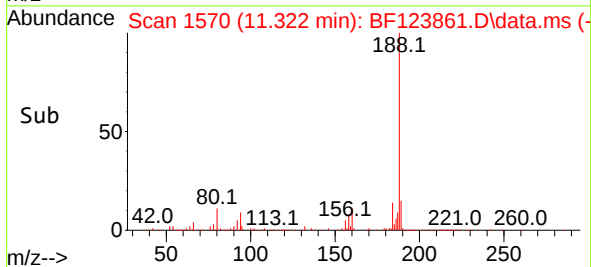
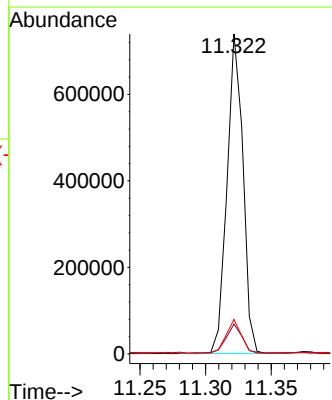
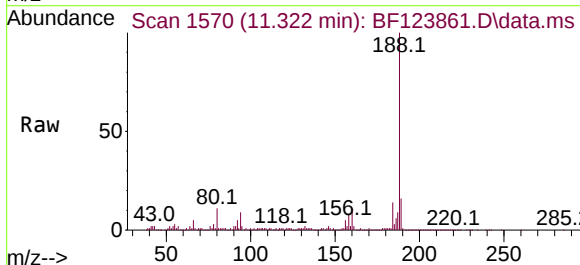
Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

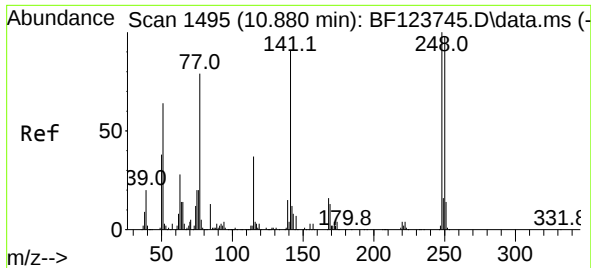
Tgt Ion:166 Resp: 197257
Ion Ratio Lower Upper
166 100
165 92.4 73.5 110.3
167 18.0 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

Tgt Ion:188 Resp: 622666
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 10.8 8.2 12.2

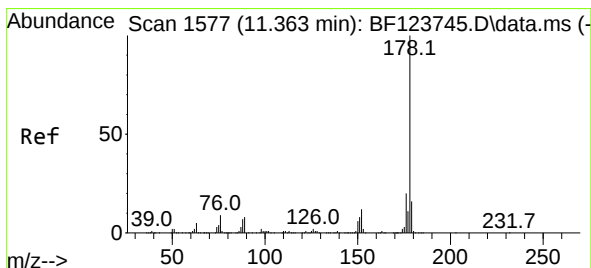
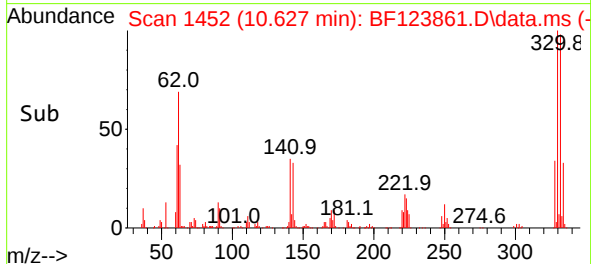
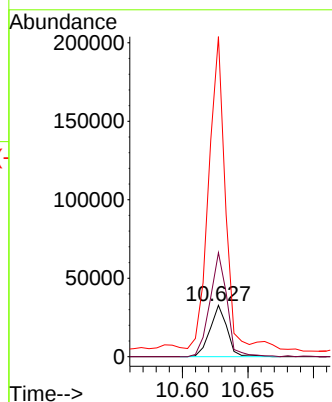
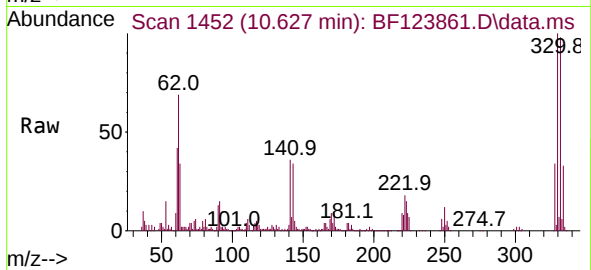




#67
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

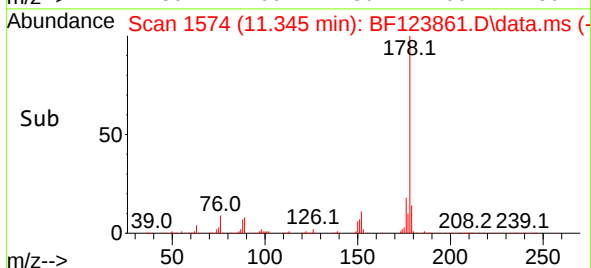
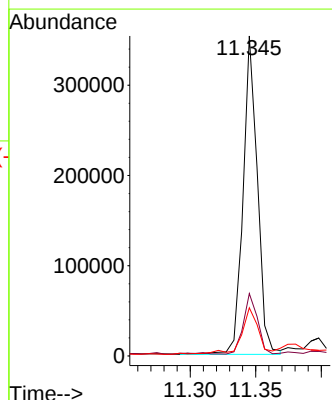
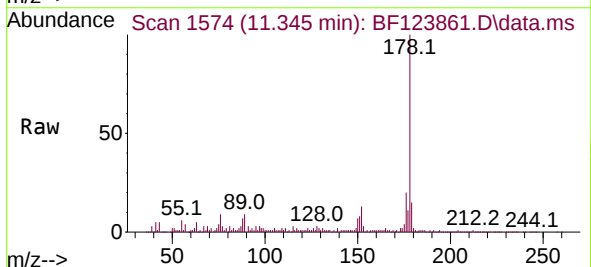
Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

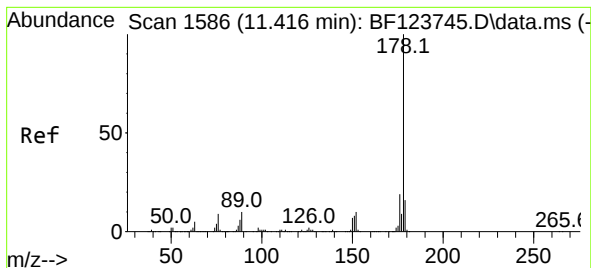
Tgt Ion:248 Resp: 29773
Ion Ratio Lower Upper
248 100
250 202.8 77.4 116.2#
141 623.8 63.7 95.5#



#71
Phenanthrene
Concen: 8.24 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

Tgt Ion:178 Resp: 269109
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.0 12.5 18.7





#72

Anthracene

Concen: 8.29 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.059 min

Lab File: BF123861.D

Acq: 6 May 2021 18:36

Tgt Ion:178 Resp: 269109

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

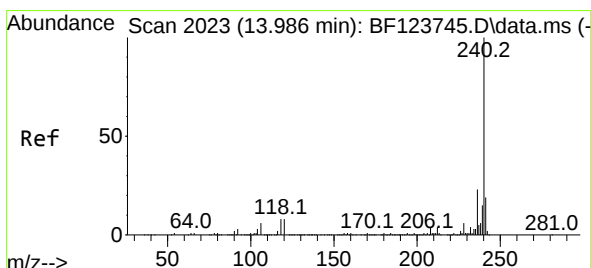
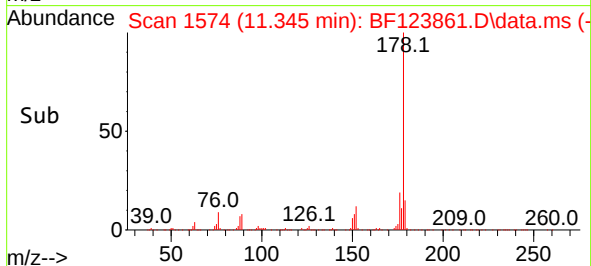
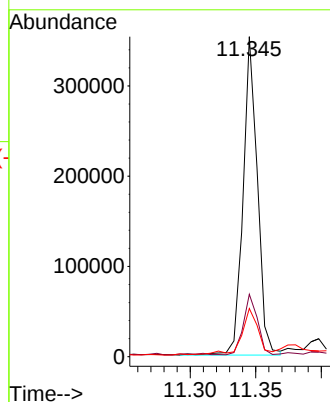
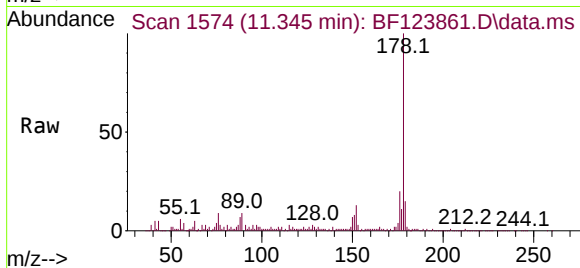
179 15.0 12.6 18.8

Instrument :

BNA_F

ClientSampleId :

OWL-C1-GW



#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF123861.D

Acq: 6 May 2021 18:36

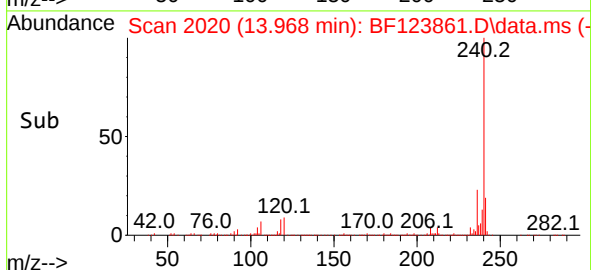
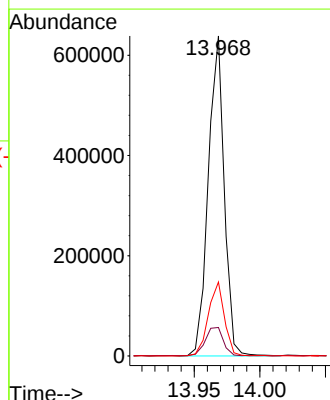
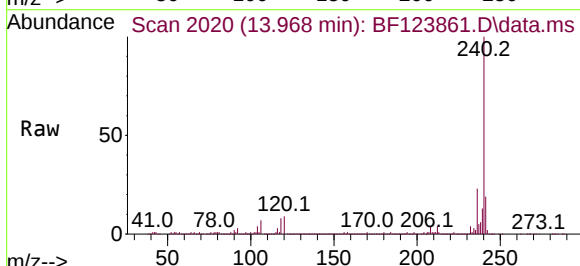
Tgt Ion:240 Resp: 541454

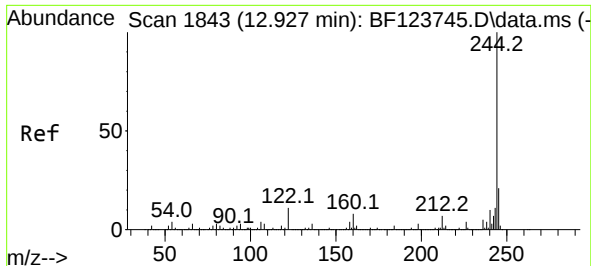
Ion Ratio Lower Upper

240 100

120 8.9 7.2 10.8

236 23.1 19.0 28.4

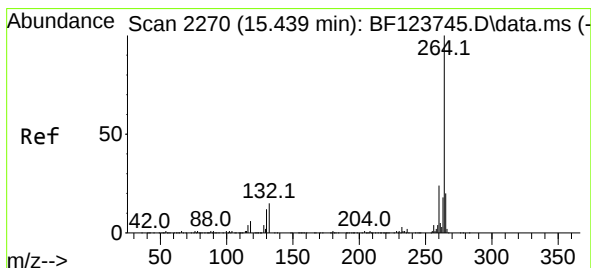
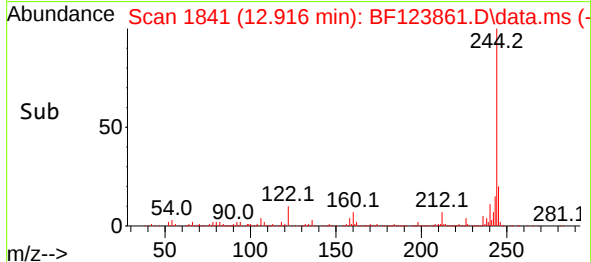
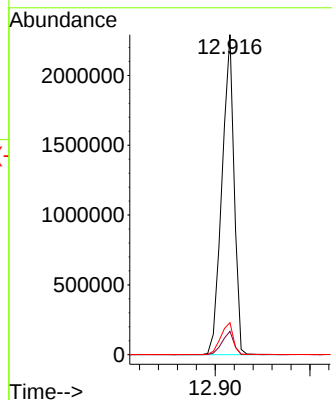
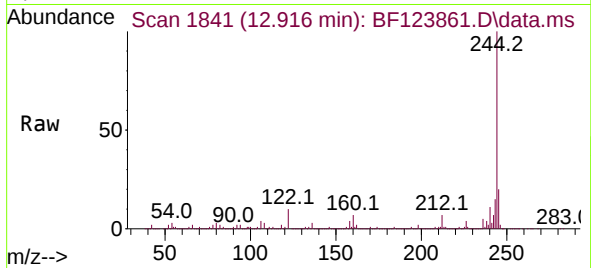




#79
Terphenyl-d14
Concen: 73.01 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123861.D
Acq: 6 May 2021 18:36

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:244 Resp: 2053023
Ion Ratio Lower Upper
244 100
212 7.3 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: BF123861.D
Acq: 6 May 2021 18:36

Tgt Ion:264 Resp: 459040
Ion Ratio Lower Upper
264 100
260 22.5 18.7 28.1
265 21.0 17.8 26.8

