

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123863.D
 Acq On : 6 May 2021 19:41
 Operator : JU/CG
 Sample : M2303-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: May 07 01:03:14 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)

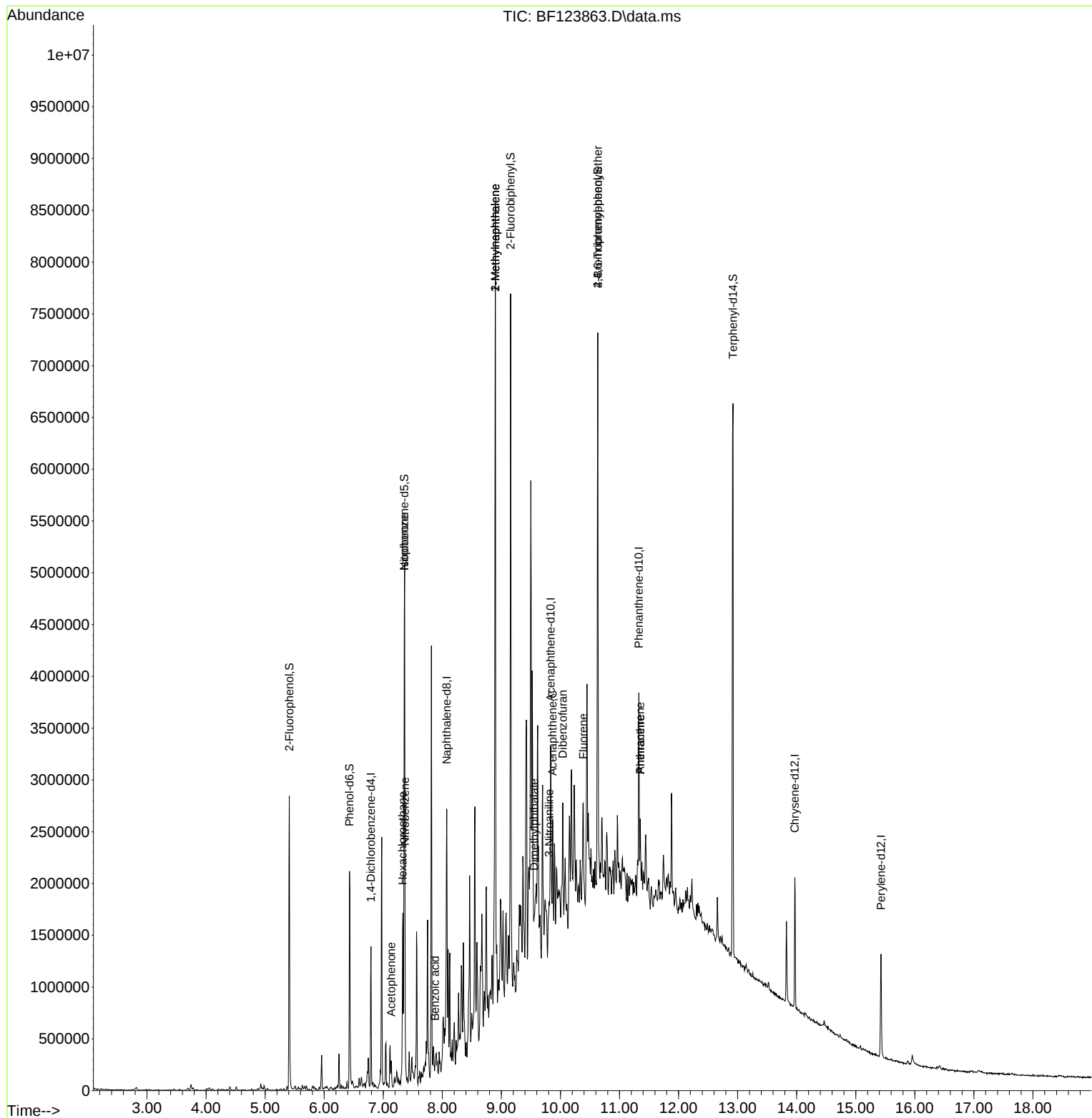
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	165818	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	609191	20.00	ng	# 0.00
39) Acenaphthene-d10	9.833	164	325780	20.00	ng	0.00
64) Phenanthrene-d10	11.327	188	584385	20.00	ng	0.00
76) Chrysene-d12	13.968	240	453863	20.00	ng	0.00
86) Perylene-d12	15.427	264	441246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	661694	63.22	ng	0.00
7) Phenol-d6	6.428	99	628226	43.57	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1257801	93.21	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	534269	131.74	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1924547	86.03	ng	0.00
79) Terphenyl-d14	12.921	244	1896938	80.48	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.328	117	177623	38.99	ng	# 33
22) Acetophenone	7.134	105	36751	2.22	ng	# 62
24) Nitrobenzene	7.369	77	37359	2.66	ng	# 5
25) Isophorone	7.357	82	1257801	49.71	ng	# 69
32) Benzoic acid	7.875	122	2524	5.75	ng	# 31
37) 2-Methylnaphthalene	8.898	142	1751720	85.69	ng	97
38) 1-Methylnaphthalene	8.898	142	1751720	91.17	ng	99
50) Dimethylphthalate	9.557	163	63971	2.79	ng	# 85
52) Acenaphthene	9.869	154	164677	8.32	ng	99
53) 3-Nitroaniline	9.810	138	25811	4.07	ng	# 1
55) Dibenzofuran	10.039	168	90367	3.02	ng	# 70
58) Fluorene	10.386	166	229361	9.97	ng	97
67) 4-Bromophenyl-phenylether	10.633	248	28492	4.63	ng	# 1
71) Phenanthrene	11.351	178	220812	7.20	ng	96
72) Anthracene	11.351	178	220812	7.25	ng	96

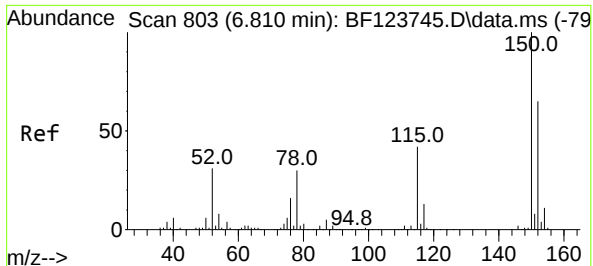
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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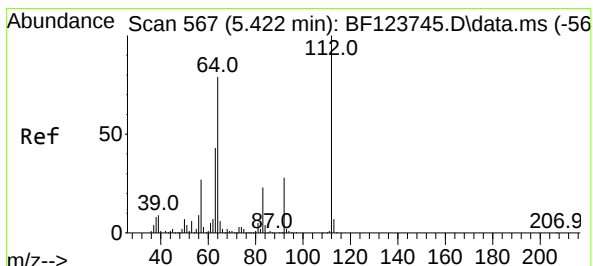
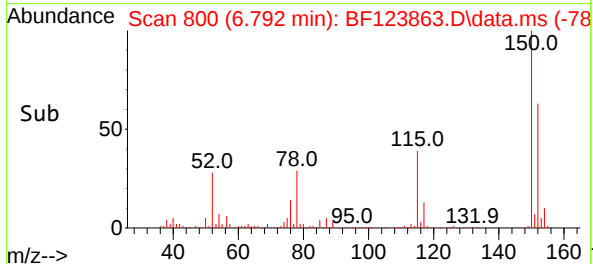
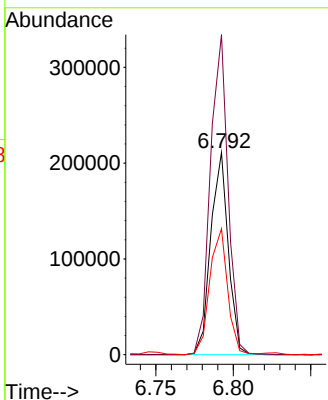
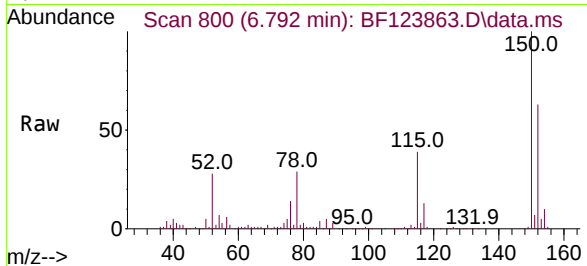




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

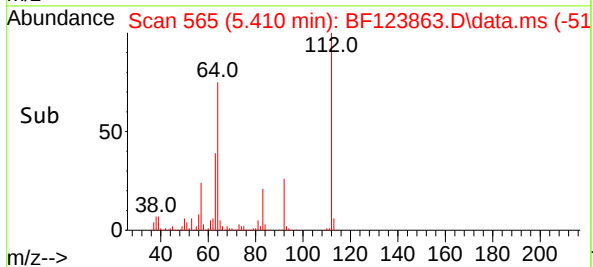
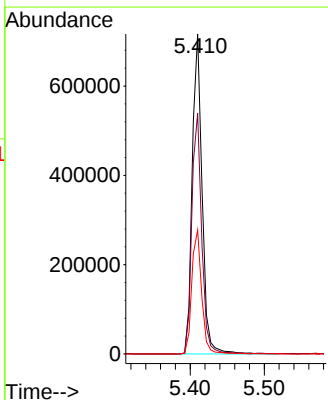
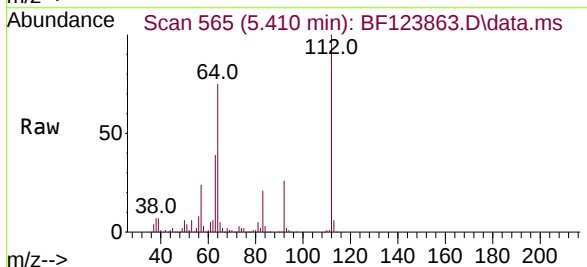
Instrument :
BNA_F
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MW-16

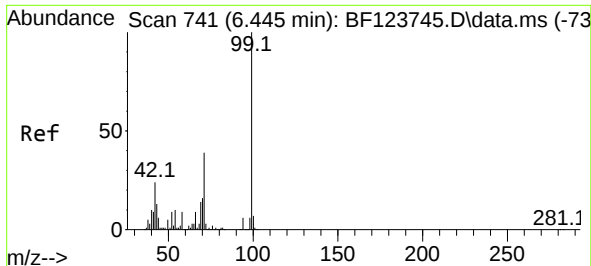
Tgt Ion:152 Resp: 165818
Ion Ratio Lower Upper
152 100
150 158.3 127.0 190.6
115 62.3 54.3 81.5



#5
2-Fluorophenol
Concen: 63.22 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

Tgt Ion:112 Resp: 661694
Ion Ratio Lower Upper
112 100
64 75.2 61.4 92.0
63 38.7 33.0 49.4

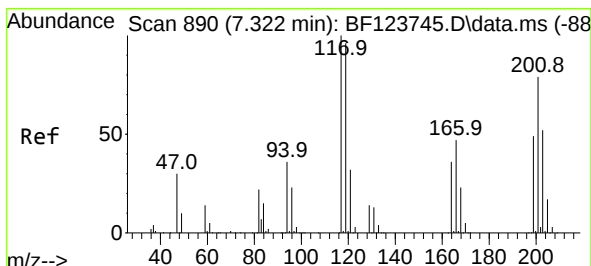
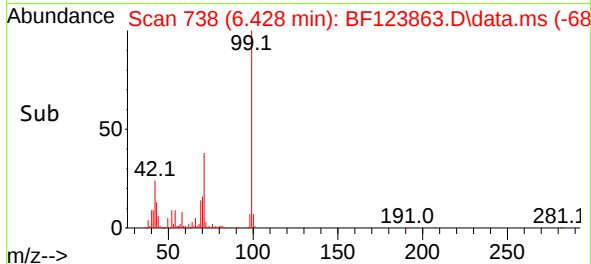
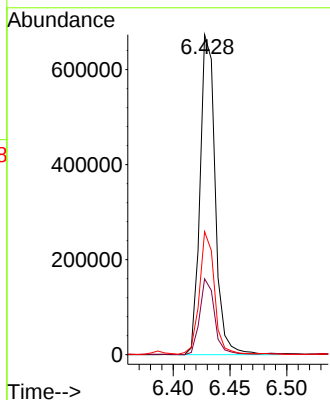
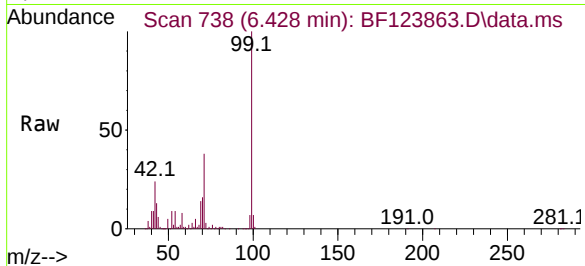




#7
Phenol-d6
Concen: 43.57 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

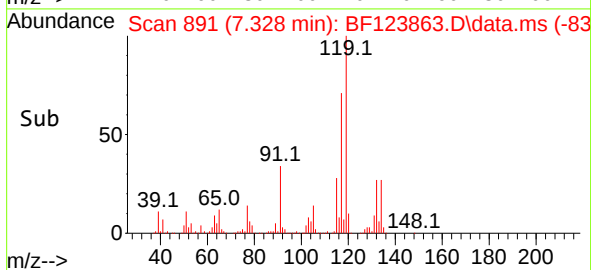
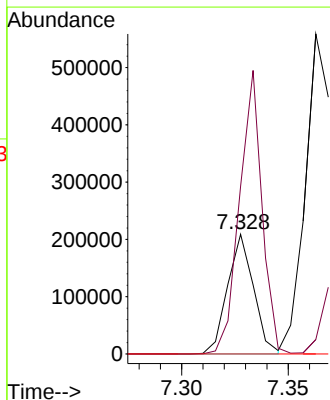
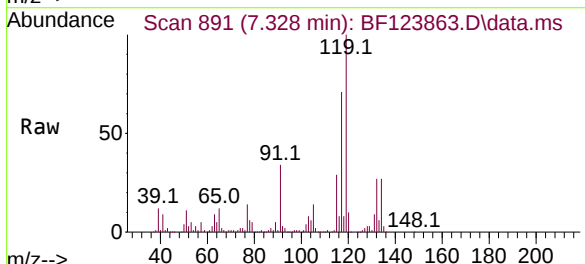
Instrument :
BNA_F
ClientSampleId :
MW-16

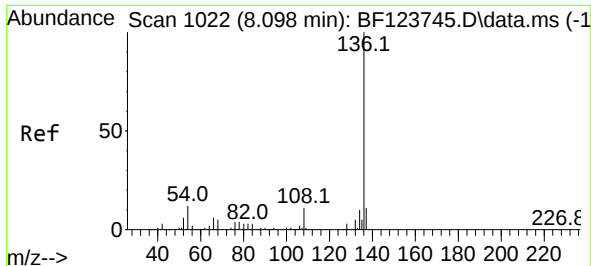
Tgt Ion: 99 Resp: 628226
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.8
71 38.5 31.1 46.7



#18
Hexachloroethane
Concen: 38.99 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.017 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

Tgt Ion: 117 Resp: 177623
Ion Ratio Lower Upper
117 100
119 140.1 77.8 116.8#
201 0.0 67.8 101.8#

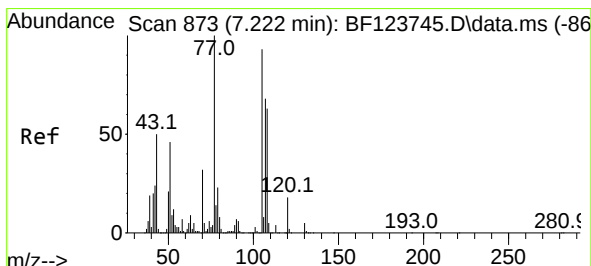
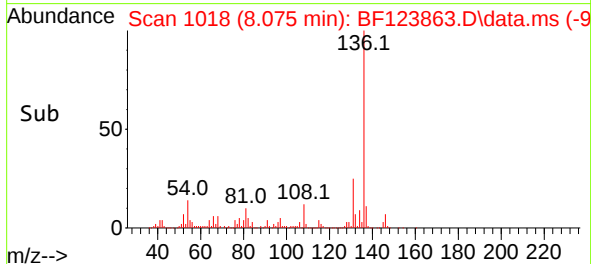
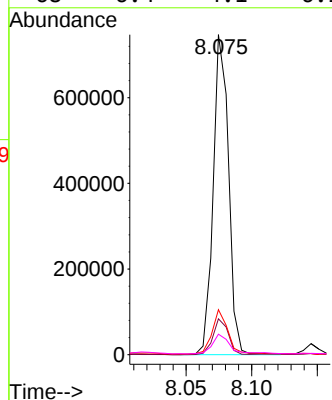
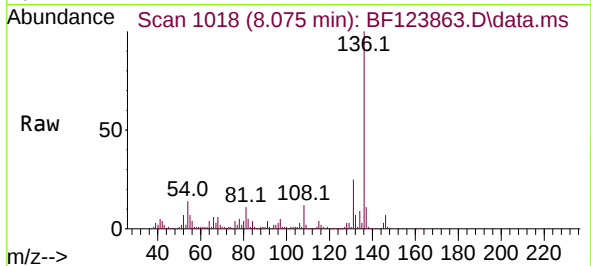




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

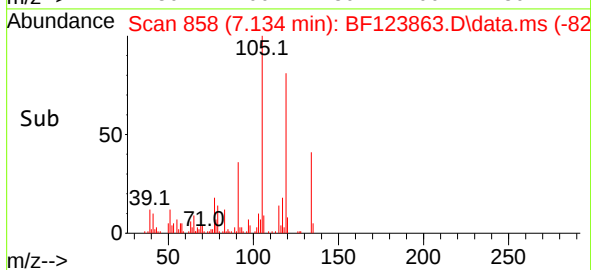
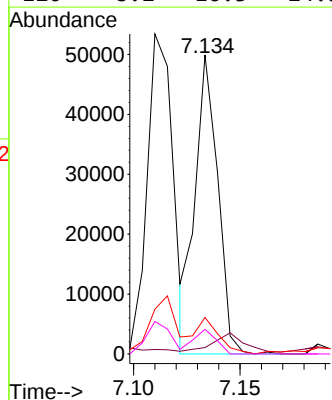
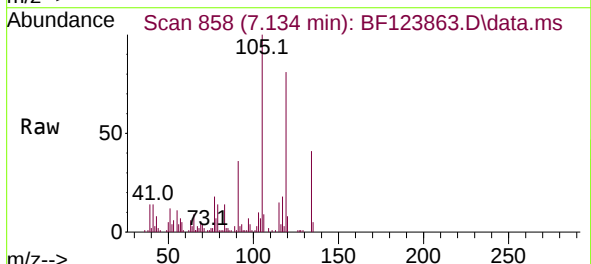
Instrument :
BNA_F
ClientSampleId :
MW-16

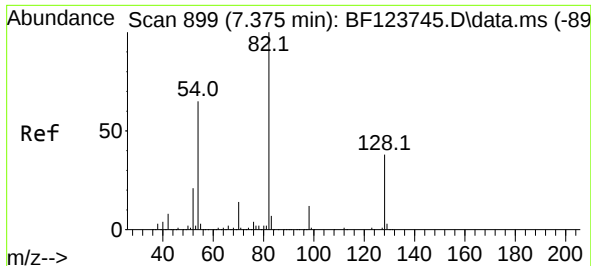
Tgt Ion:	136	Resp:	609191
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	14.1	9.8	14.6
68	6.4	4.1	6.1#



#22
Acetophenone
Concen: 2.22 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.077 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

Tgt Ion:	105	Resp:	36751
Ion Ratio	Lower	Upper	
105	100		
71	2.2	4.2	6.4#
51	12.2	33.6	50.4#
120	8.2	16.3	24.5#





#23

Nitrobenzene-d5

Concen: 93.21 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF123863.D

Acq: 6 May 2021 19:41

Tgt Ion: 82 Resp: 1257801

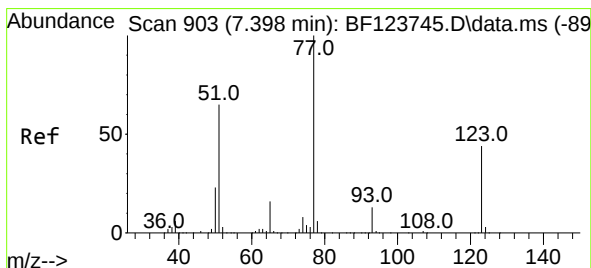
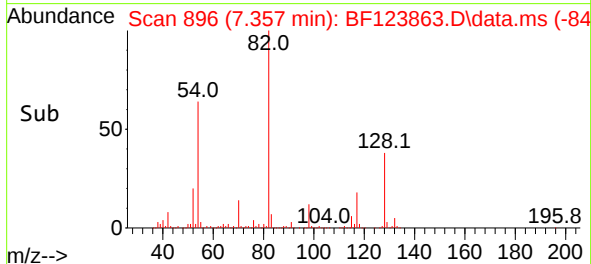
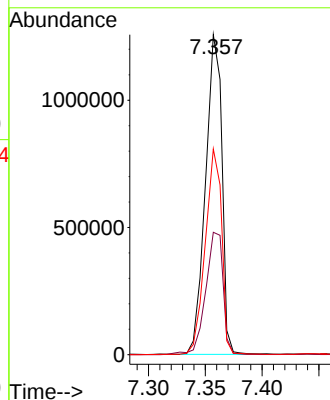
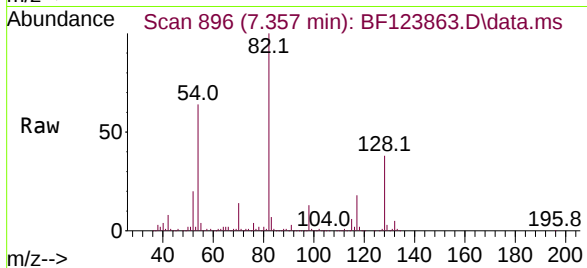
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	64.3	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

MW-16



#24

Nitrobenzene

Concen: 2.66 ng

RT: 7.369 min Scan# 898

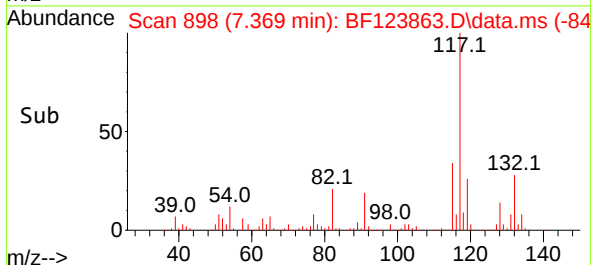
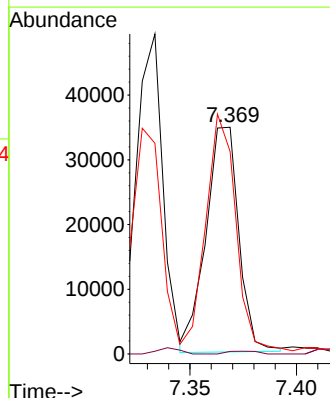
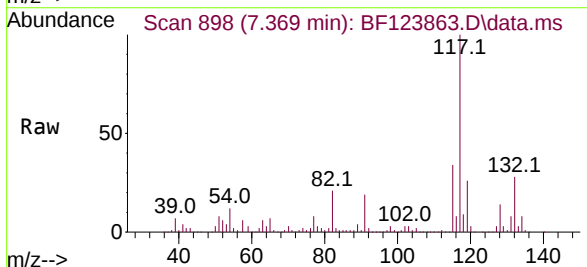
Delta R.T. -0.012 min

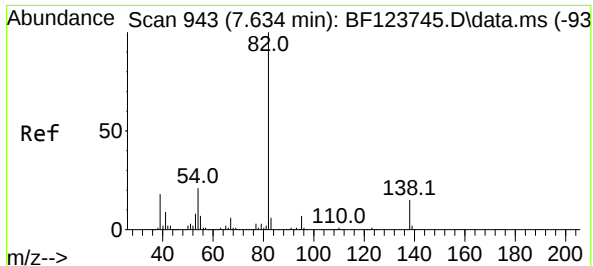
Lab File: BF123863.D

Acq: 6 May 2021 19:41

Tgt Ion: 77 Resp: 37359

Ion	Ratio	Lower	Upper
77	100		
123	1.2	34.5	51.7#
65	89.3	12.2	18.2#

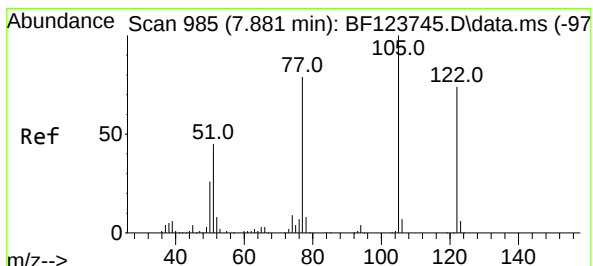
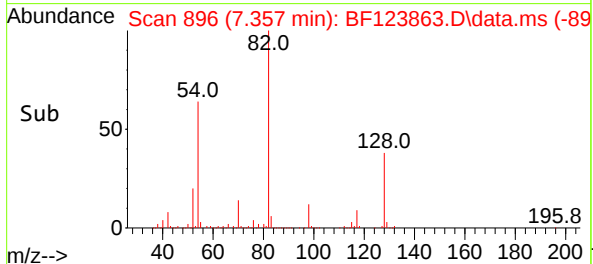
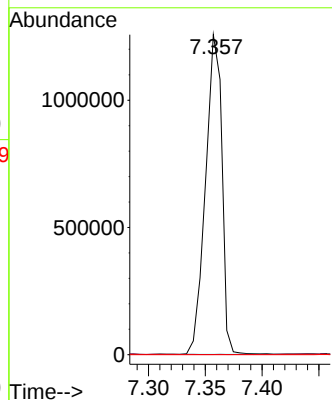
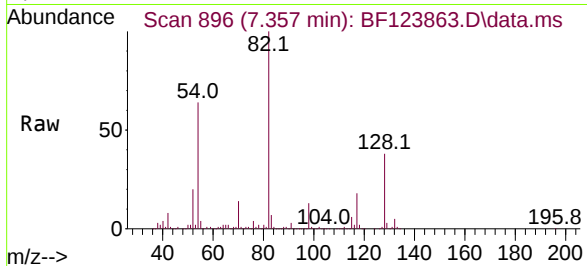




#25
Isophorone
Concen: 49.71 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

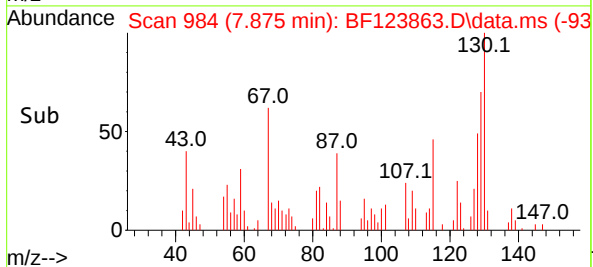
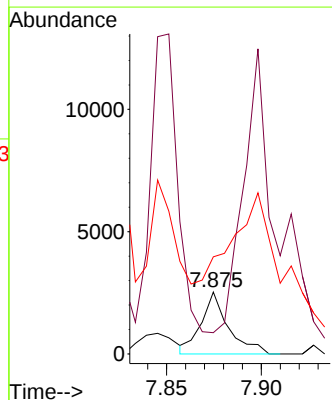
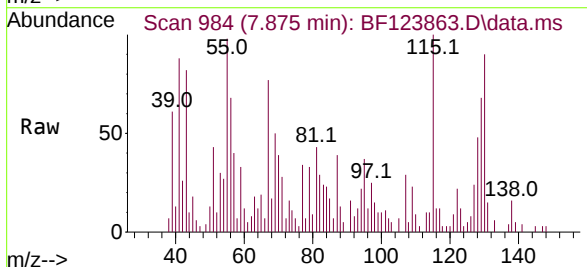
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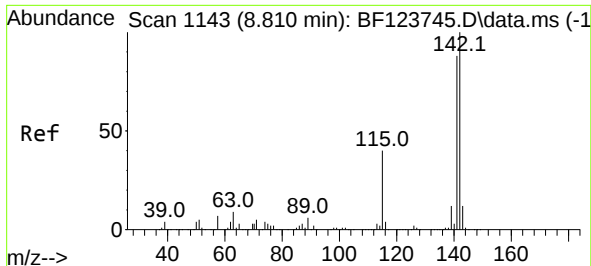
Tgt Ion: 82 Resp: 1257801
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.75 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

Tgt Ion:122 Resp: 2524
Ion Ratio Lower Upper
122 100
105 34.5 107.8 147.8#
77 156.9 81.6 121.6#

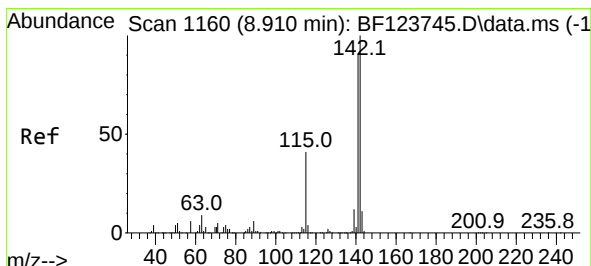
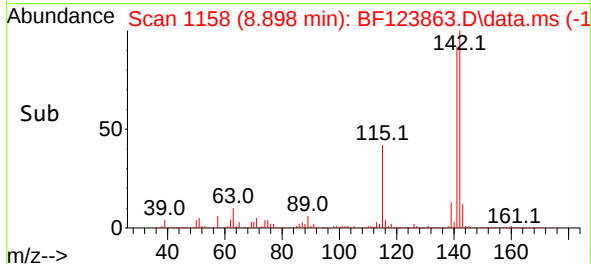
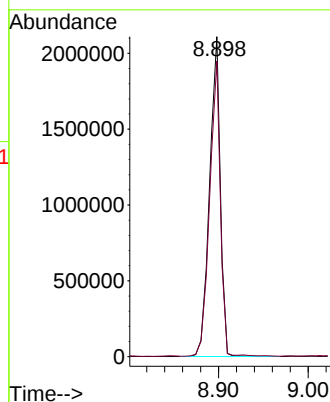
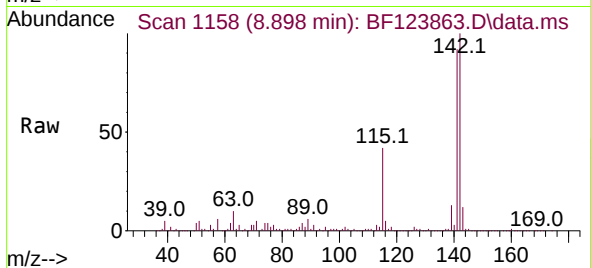




#37
2-Methylnaphthalene
Concen: 85.69 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.100 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

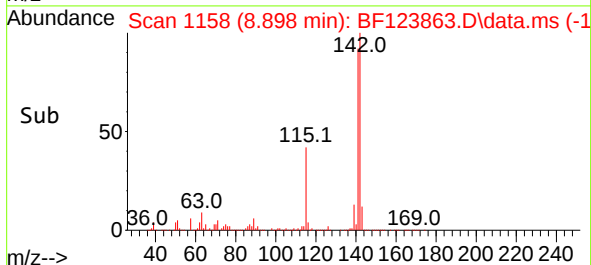
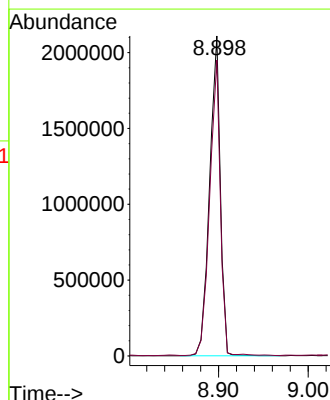
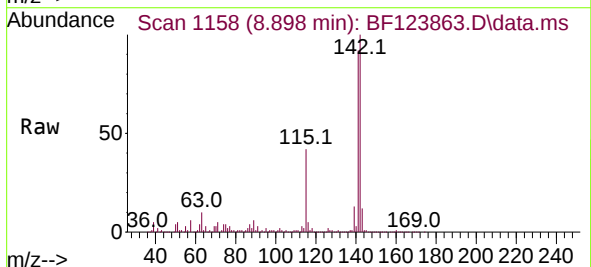
Instrument :
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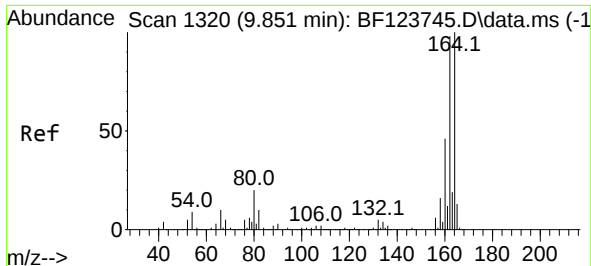
Tgt Ion:142 Resp: 1751720
Ion Ratio Lower Upper
142 100
141 92.4 71.8 107.6



#38
1-Methylnaphthalene
Concen: 91.17 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

Tgt Ion:142 Resp: 1751720
Ion Ratio Lower Upper
142 100
141 92.4 72.8 109.2

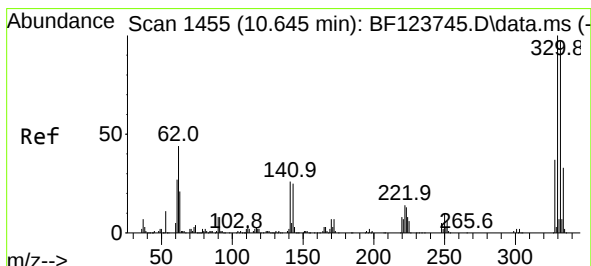
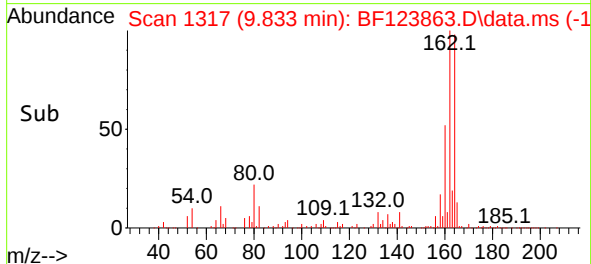
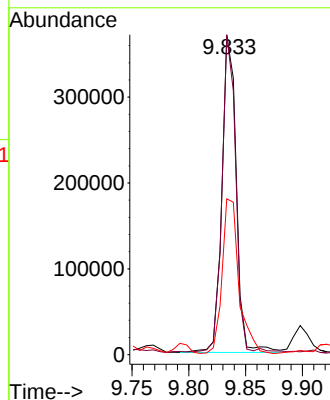
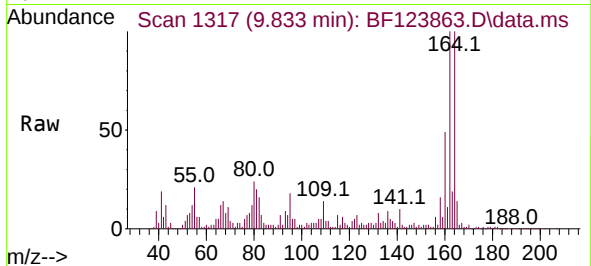




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

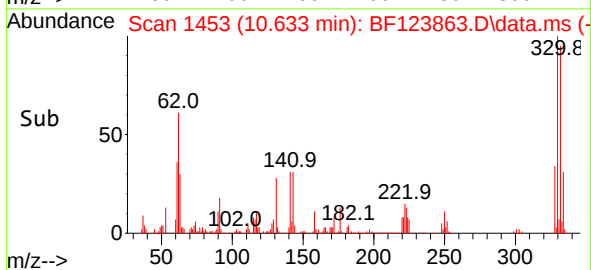
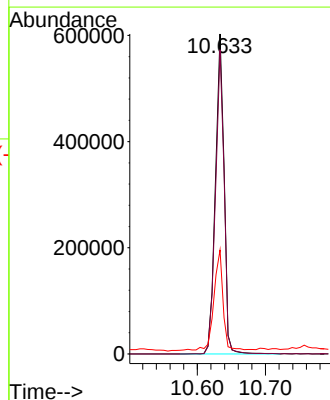
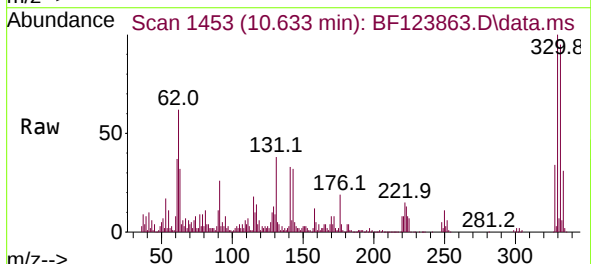
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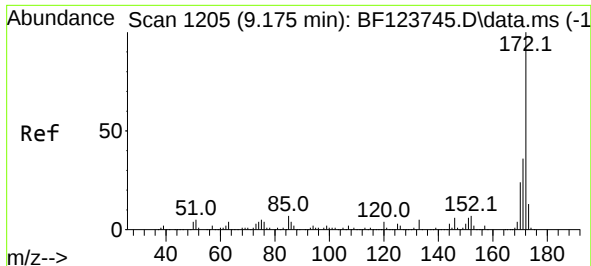
Tgt Ion:164 Resp: 325780
Ion Ratio Lower Upper
164 100
162 100.4 80.7 121.1
160 48.9 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 131.74 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

Tgt Ion:330 Resp: 534269
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 34.8 27.9 41.9

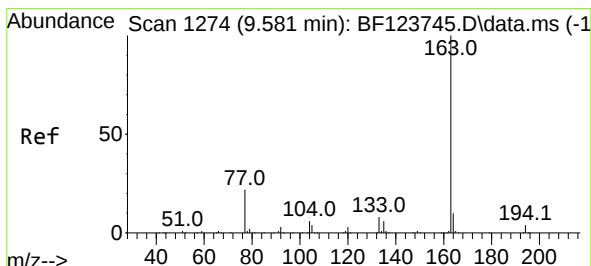
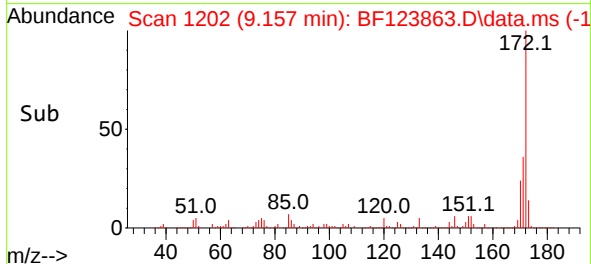
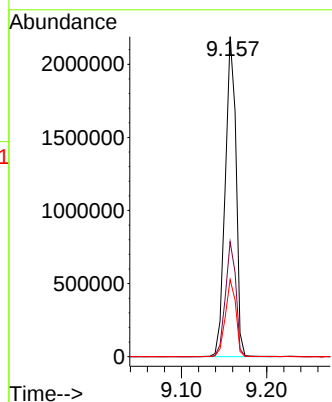
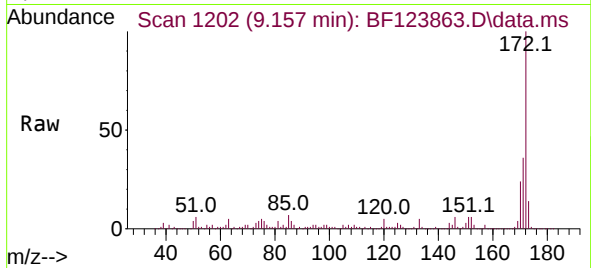




#45
2-Fluorobiphenyl
Concen: 86.03 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

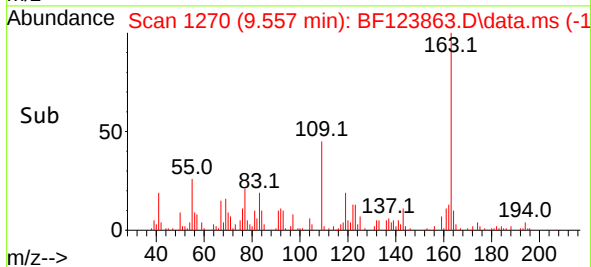
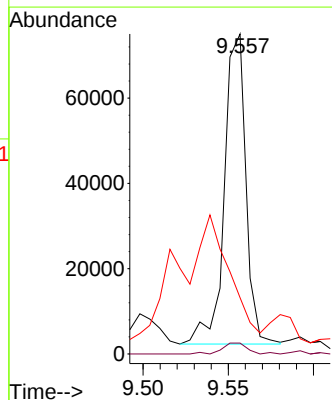
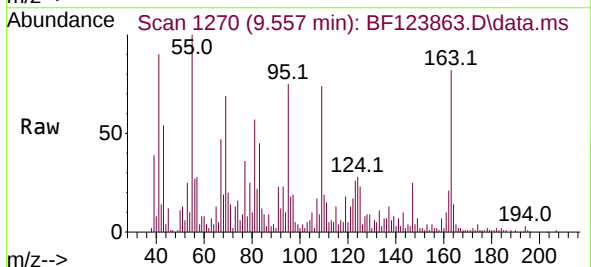
Instrument :
BNA_F
ClientSampleId :
MW-16

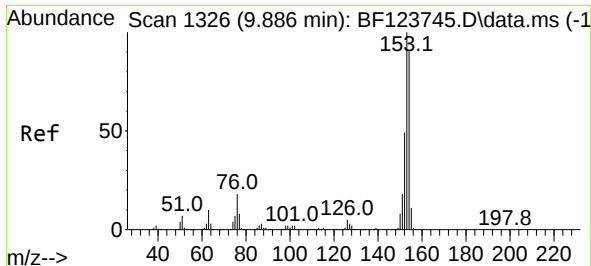
Tgt Ion:172 Resp: 1924547
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 24.1 19.2 28.8



#50
Dimethylphthalate
Concen: 2.79 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

Tgt Ion:163 Resp: 63971
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 17.6 8.2 12.2#

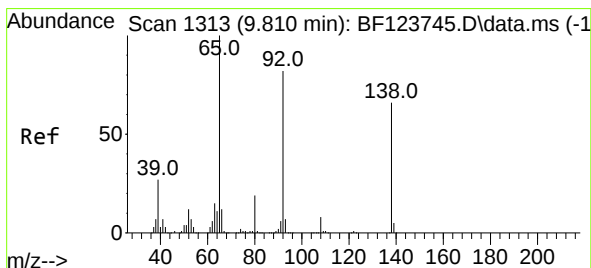
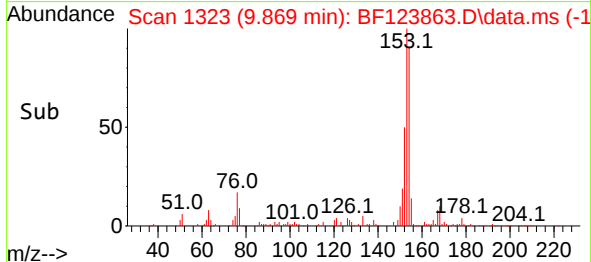
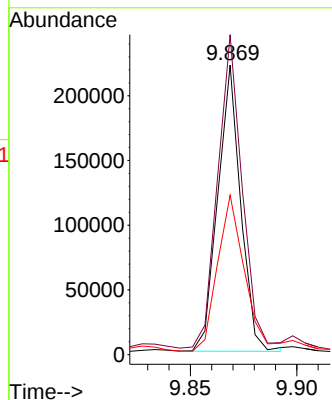
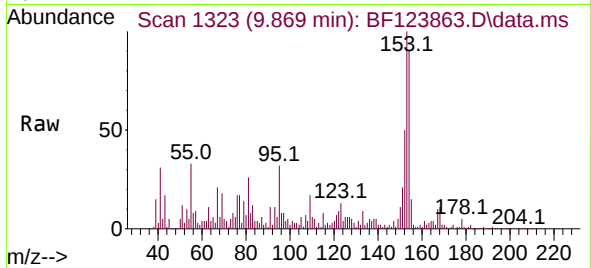




#52
Acenaphthene
Concen: 8.32 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

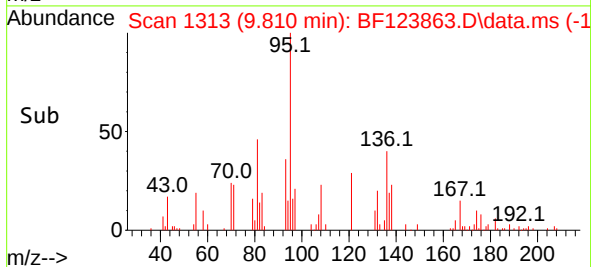
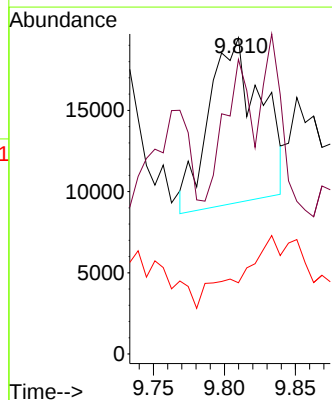
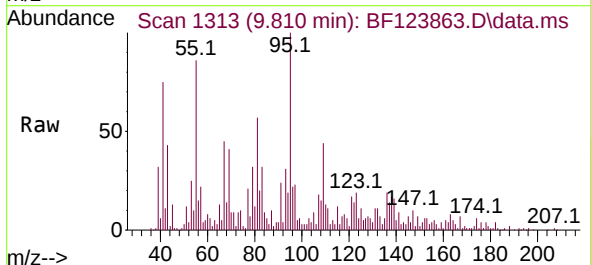
Instrument :
BNA_F
ClientSampleId :
MW-16

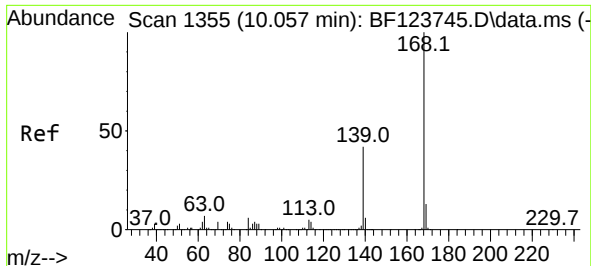
Tgt Ion:154 Resp: 164677
Ion Ratio Lower Upper
154 100
153 110.5 88.1 132.1
152 55.1 43.4 65.0



#53
3-Nitroaniline
Concen: 4.07 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.012 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

Tgt Ion:138 Resp: 25811
Ion Ratio Lower Upper
138 100
108 93.2 10.2 15.4#
92 22.5 103.3 154.9#

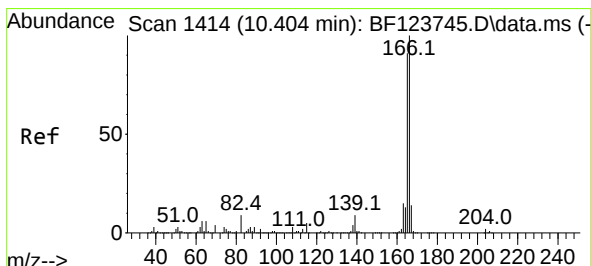
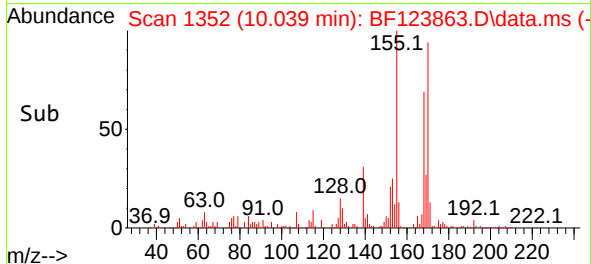
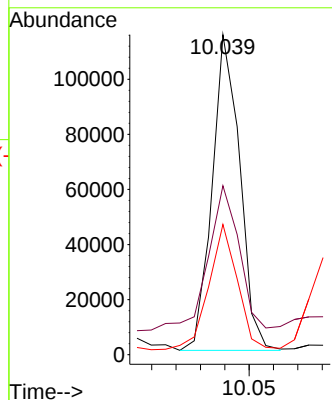
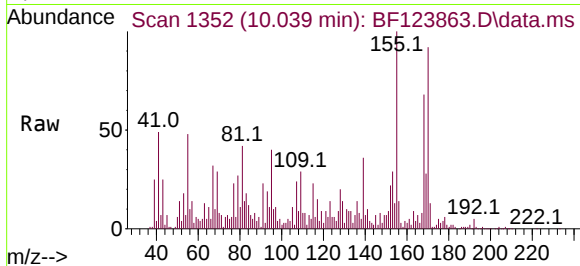




#55
Dibenzofuran
Concen: 3.02 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

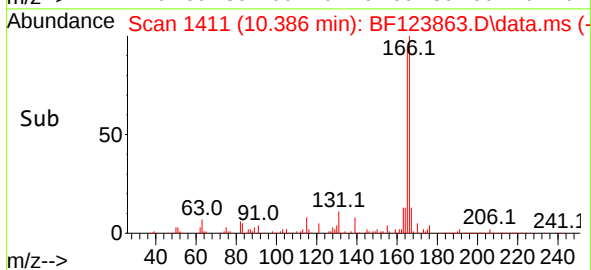
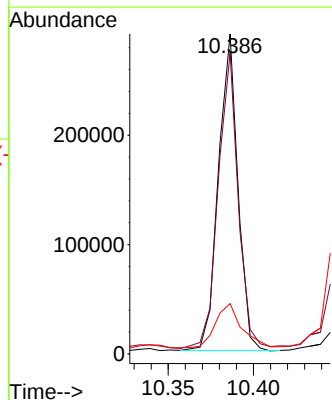
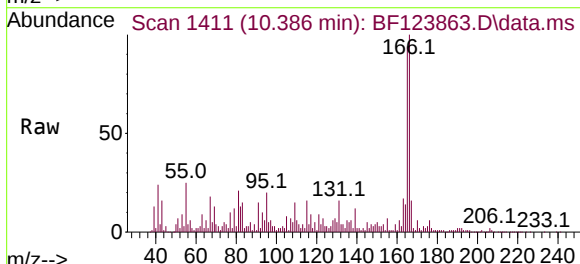
Instrument :
BNA_F
ClientSampleId :
MW-16

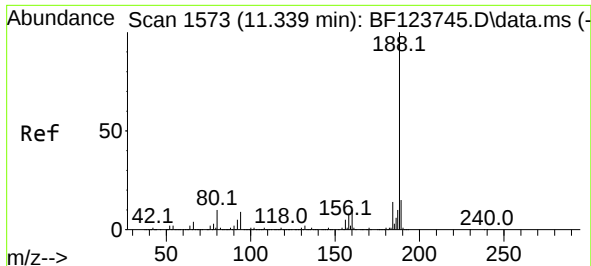
Tgt Ion:168 Resp: 90367
Ion Ratio Lower Upper
168 100
139 52.8 33.2 49.8#
169 40.7 10.8 16.2#



#58
Fluorene
Concen: 9.97 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

Tgt Ion:166 Resp: 229361
Ion Ratio Lower Upper
166 100
165 94.1 73.5 110.3
167 15.8 10.7 16.1

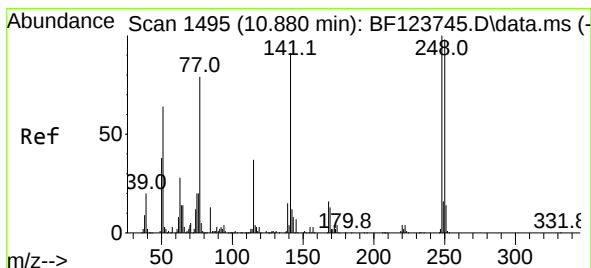
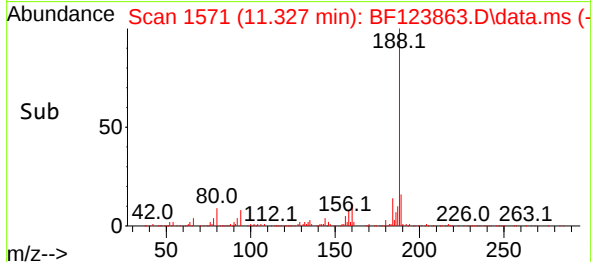
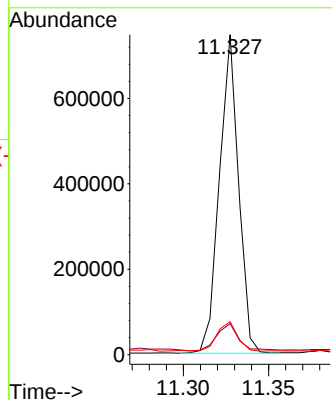
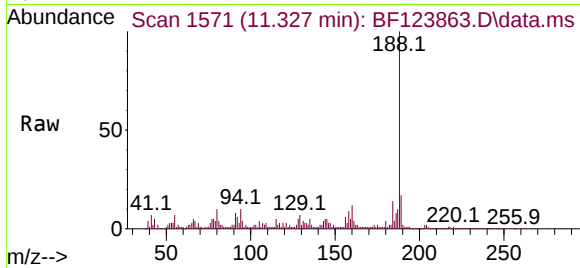




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

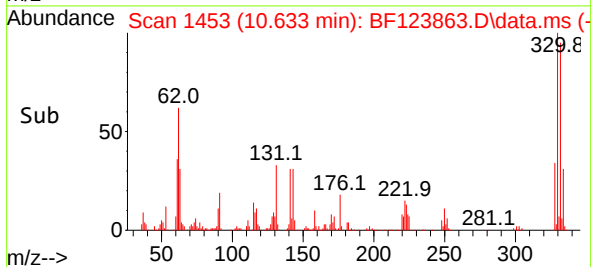
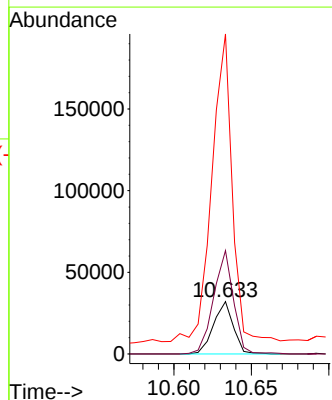
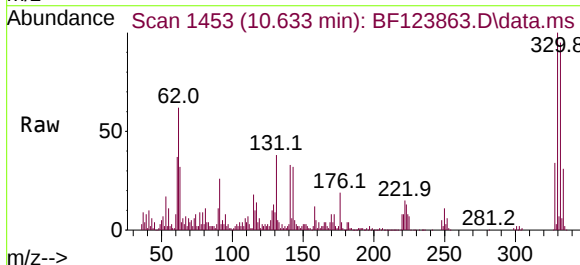
Instrument :
BNA_F
ClientSampleId :
MW-16

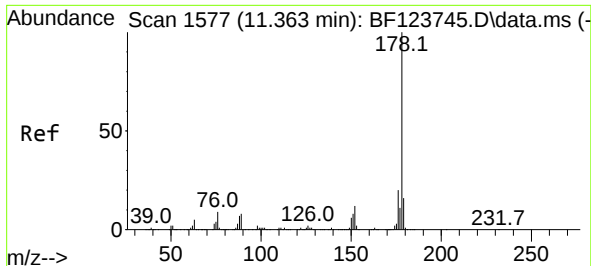
Tgt Ion:188 Resp: 584385
Ion Ratio Lower Upper
188 100
94 9.7 6.9 10.3
80 10.3 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.241 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

Tgt Ion:248 Resp: 28492
Ion Ratio Lower Upper
248 100
250 197.4 77.4 116.2#
141 611.0 63.7 95.5#

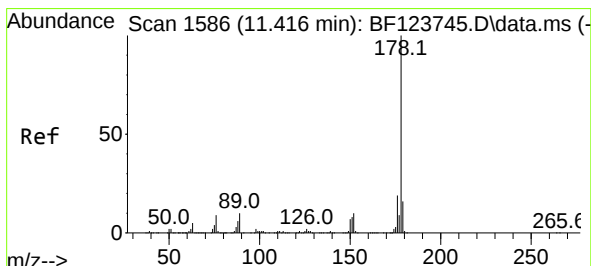
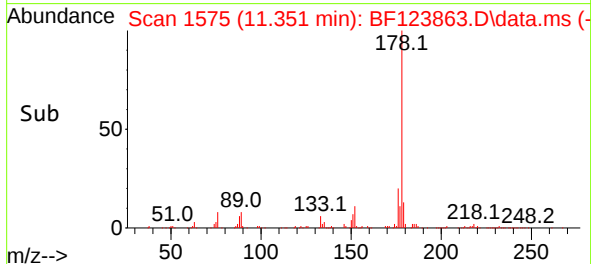
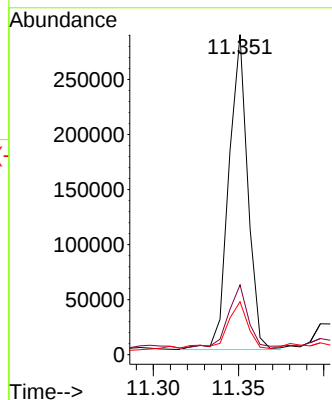
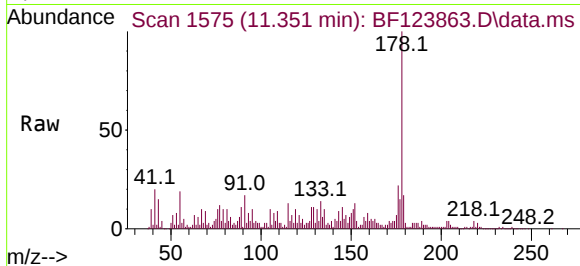




#71
Phenanthrene
Concen: 7.20 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

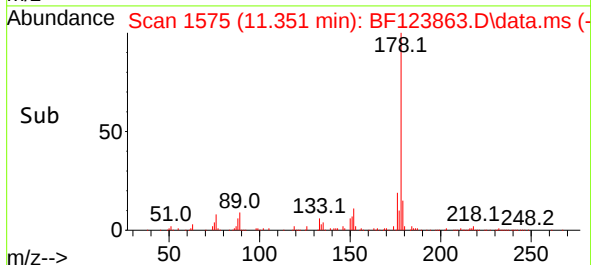
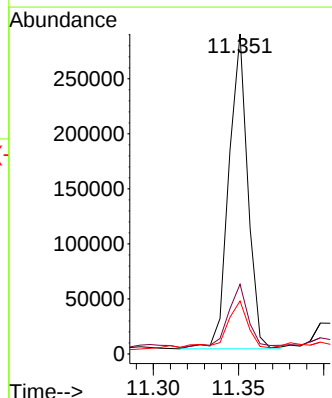
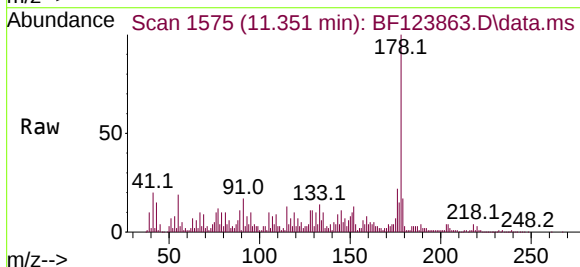
Instrument :
BNA_F
ClientSampleId :
MW-16

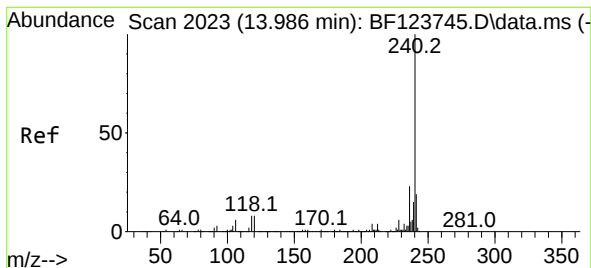
Tgt Ion:178 Resp: 220812
Ion Ratio Lower Upper
178 100
176 21.8 15.6 23.4
179 16.6 12.5 18.7



#72
Anthracene
Concen: 7.25 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.053 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

Tgt Ion:178 Resp: 220812
Ion Ratio Lower Upper
178 100
176 21.8 15.4 23.0
179 16.6 12.6 18.8

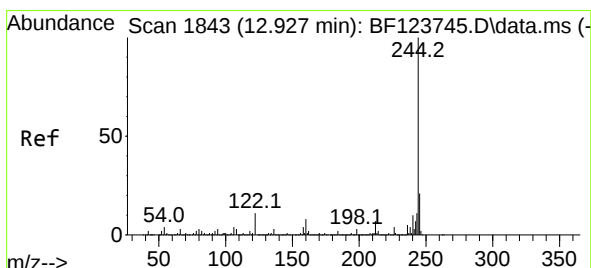
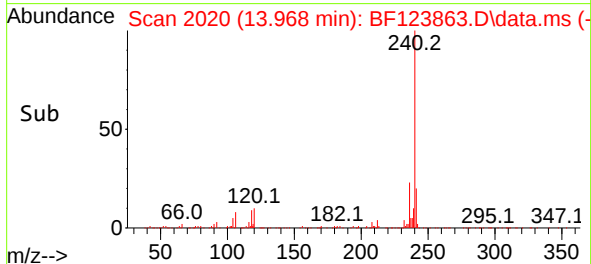
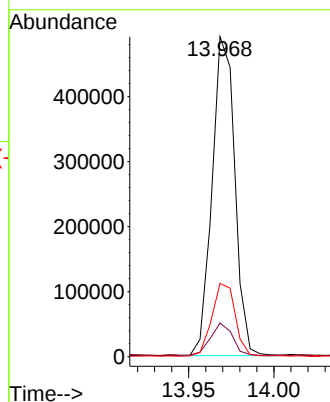
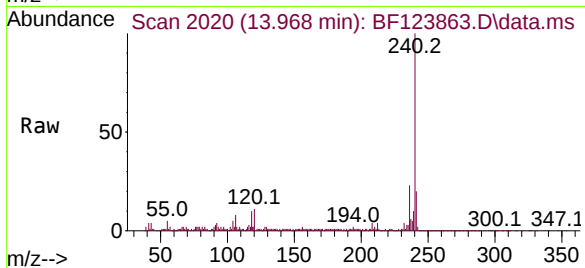




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

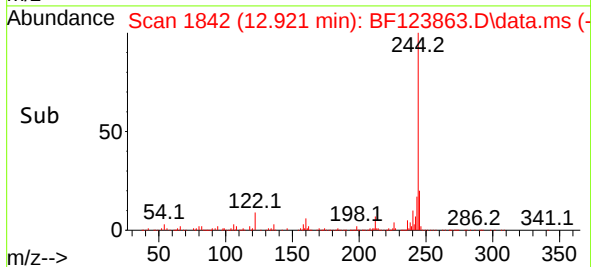
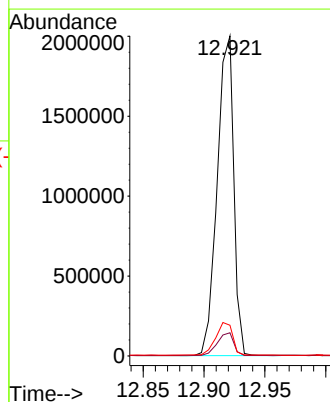
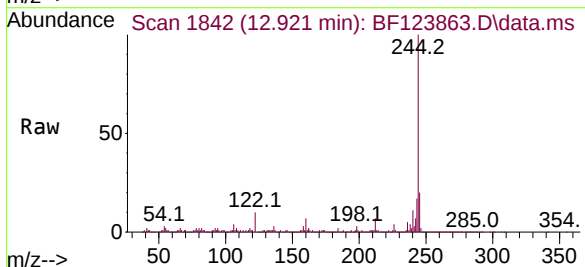
Instrument :
BNA_F
ClientSampleId :
MW-16

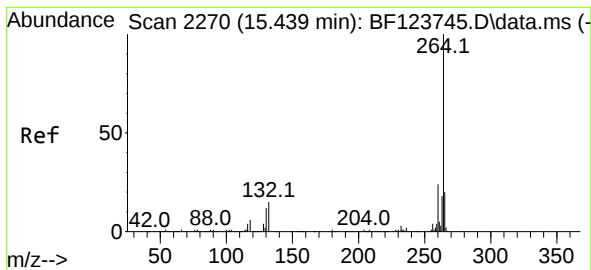
Tgt Ion:240 Resp: 453863
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 22.9 19.0 28.4



#79
Terphenyl-d14
Concen: 80.48 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF123863.D
Acq: 6 May 2021 19:41

Tgt Ion:244 Resp: 1896938
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.6 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: BF123863.D
 Acq: 6 May 2021 19:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:264 Resp: 441246
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.2 17.8 26.8

