

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123858.D
 Acq On : 6 May 2021 17:00
 Operator : JU/CG
 Sample : M2304-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Quant Time: May 06 17:28:39 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)

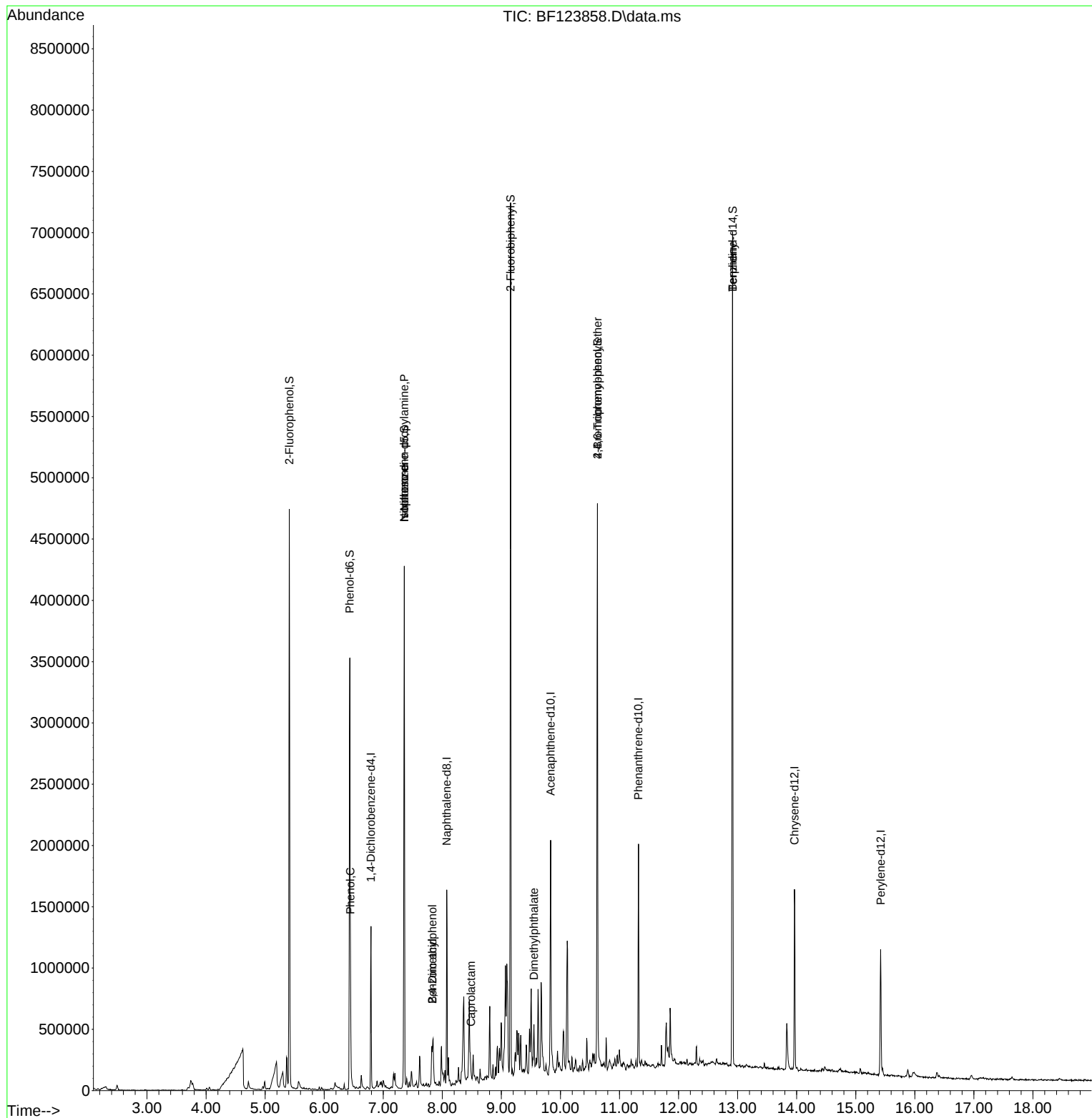
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	166324	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	619943	20.00	ng	# 0.00
39) Acenaphthene-d10	9.833	164	336829	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	590867	20.00	ng	0.00
76) Chrysene-d12	13.963	240	528715	20.00	ng	#-0.01
86) Perylene-d12	15.421	264	441815	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1039251	98.99	ng	0.00
7) Phenol-d6	6.434	99	961870	66.51	ng	0.00
23) Nitrobenzene-d5	7.357	82	1238316	90.17	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	530117	126.42	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1869291	80.82	ng	0.00
79) Terphenyl-d14	12.916	244	2200551	80.15	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.445	94	192362	12.38	ng	91
19) n-Nitroso-di-n-propyla...	7.357	70	172484	19.32	ng	# 70
25) Isophorone	7.357	82	1237980	48.08	ng	# 69
27) 2,4-Dimethylphenol	7.833	122	52315	5.70	ng	# 1
32) Benzoic acid	7.833	122	52315	12.76	ng	91
35) Caprolactam	8.486	113	10751	3.39	ng	# 1
50) Dimethylphthalate	9.551	163	84084	3.54	ng	97
67) 4-Bromophenyl-phenylether	10.627	248	30655	4.93	ng	# 1
77) Benzidine	12.916	184	30188	2.20	ng	95

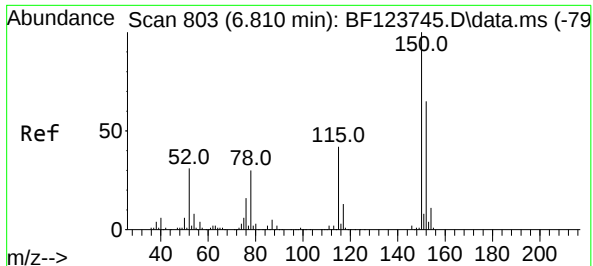
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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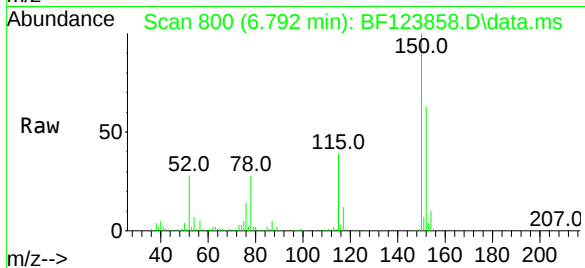
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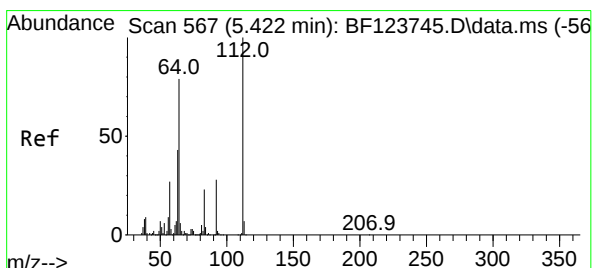
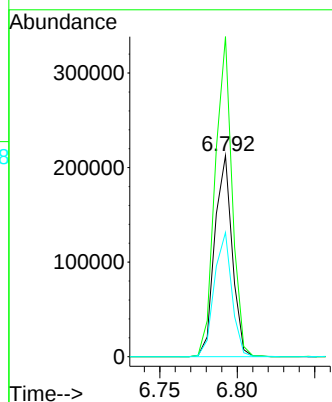
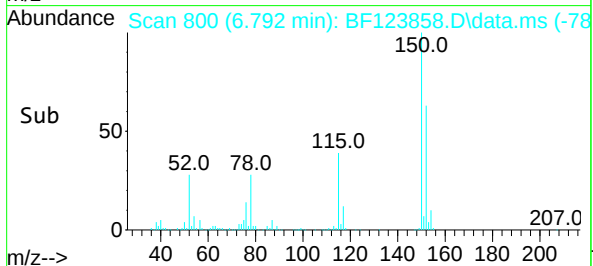


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

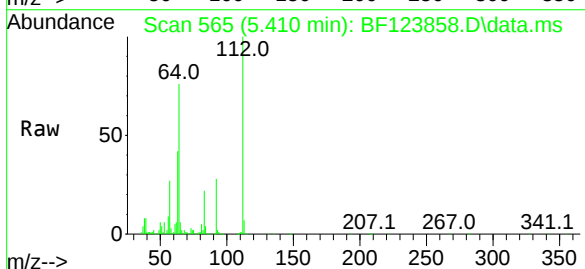
Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW



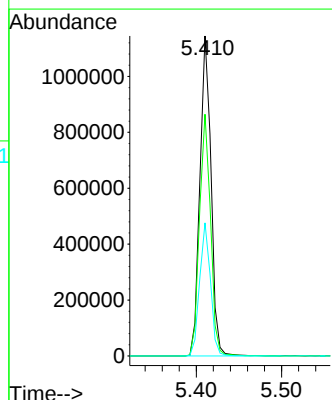
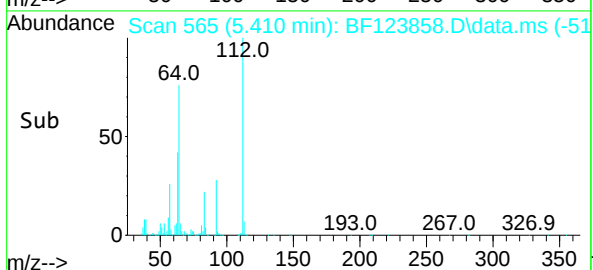
Tgt Ion:152 Resp: 166324
Ion Ratio Lower Upper
152 100
150 159.1 127.0 190.6
115 61.7 54.3 81.5

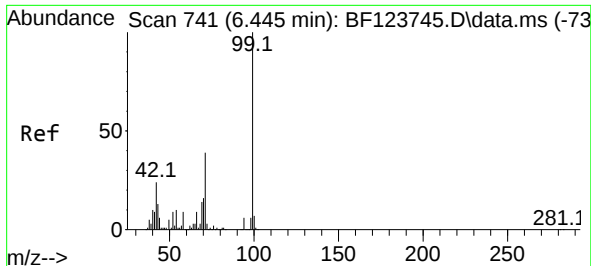


#5
2-Fluorophenol
Concen: 98.99 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00



Tgt Ion:112 Resp: 1039251
Ion Ratio Lower Upper
112 100
64 75.6 61.4 92.0
63 41.6 33.0 49.4

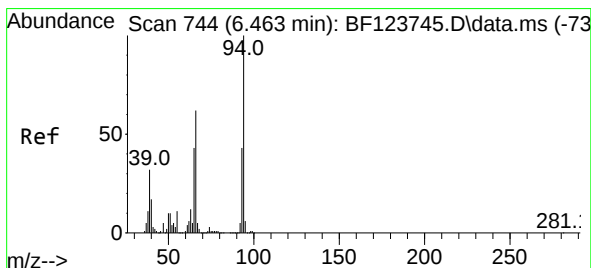
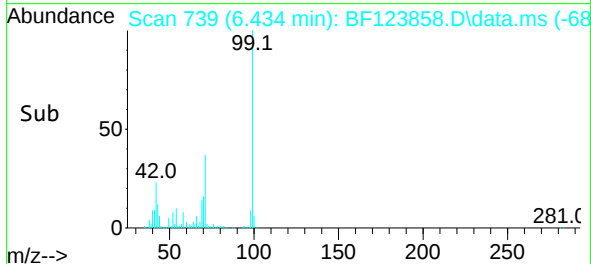
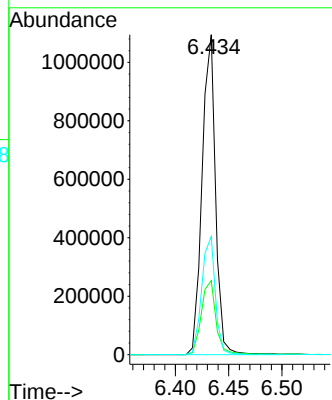
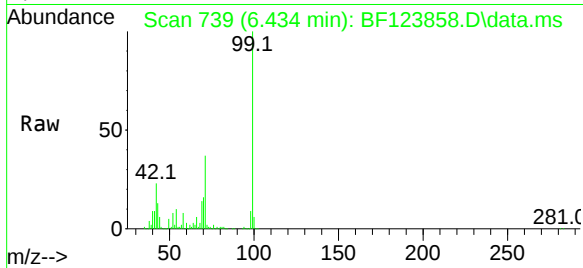




#7
Phenol-d6
Concen: 66.51 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

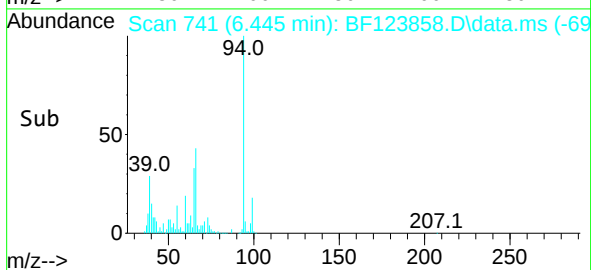
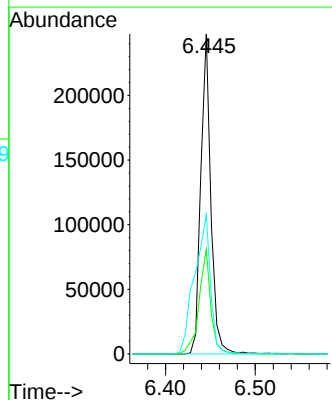
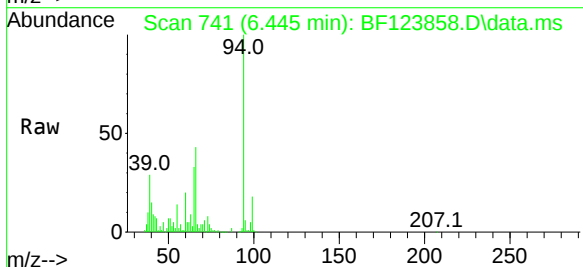
Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

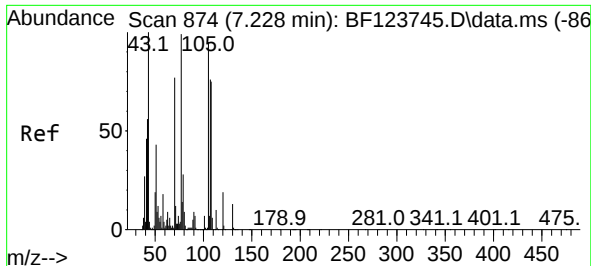
Tgt Ion: 99 Resp: 961870
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.8
71 36.9 31.1 46.7



#10
Phenol
Concen: 12.38 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

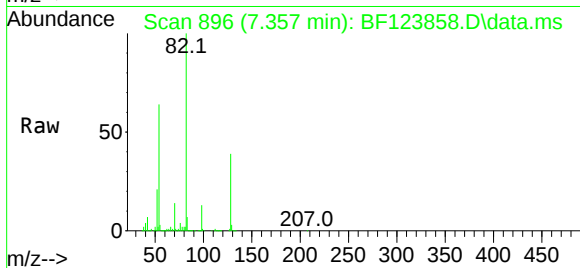
Tgt Ion: 94 Resp: 192362
Ion Ratio Lower Upper
94 100
65 32.6 18.1 58.1
66 43.5 29.0 69.0





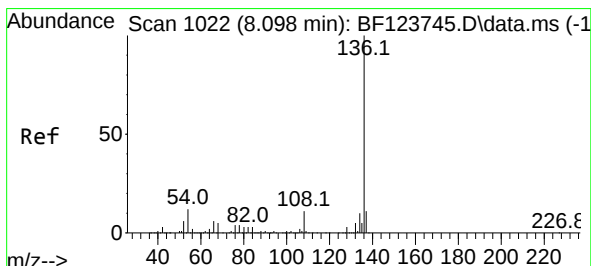
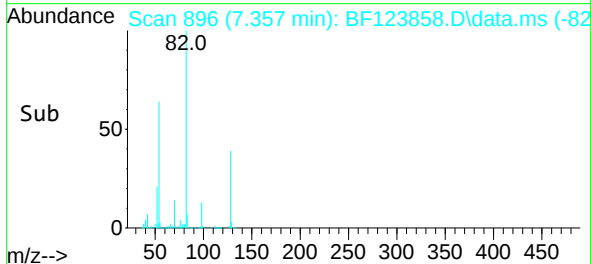
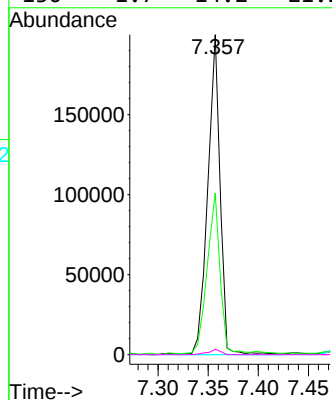
#19
n-Nitroso-di-n-propylamine
Concen: 19.32 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW



Tgt Ion: 70 Resp: 172484

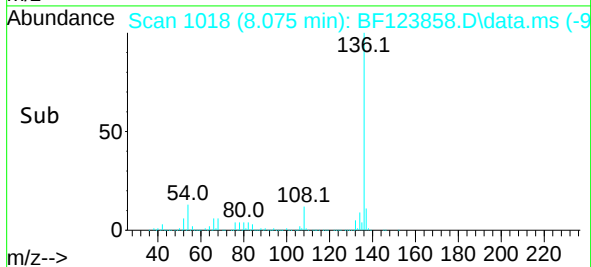
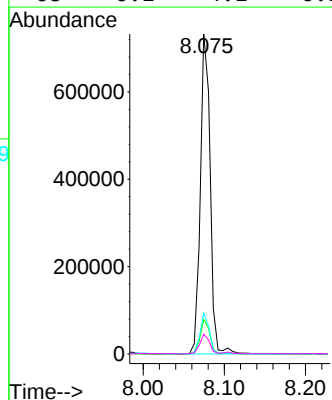
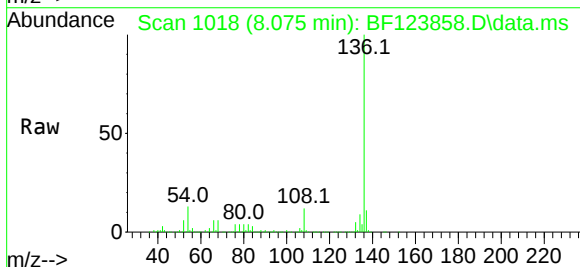
Ion	Ratio	Lower	Upper
70	100		
42	50.5	60.1	90.1#
101	0.0	7.4	11.2#
130	1.7	14.2	21.2#

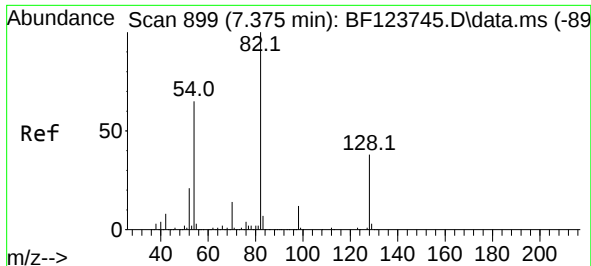


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

Tgt Ion: 136 Resp: 619943

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	12.8	9.8	14.6
68	6.1	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 90.17 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF123858.D

Acq: 6 May 2021 17:00

Tgt Ion: 82 Resp: 1238316

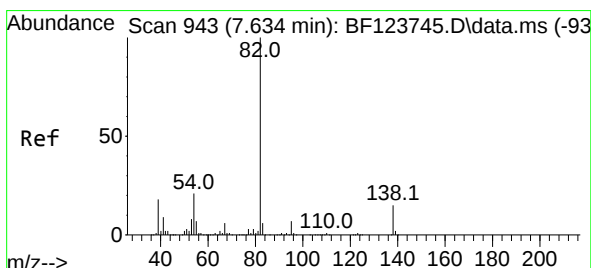
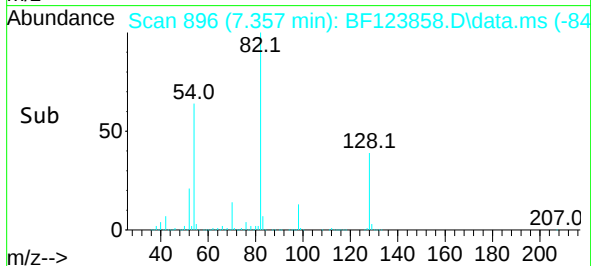
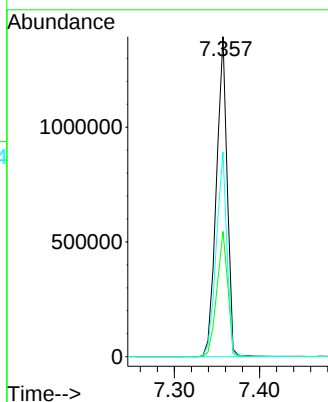
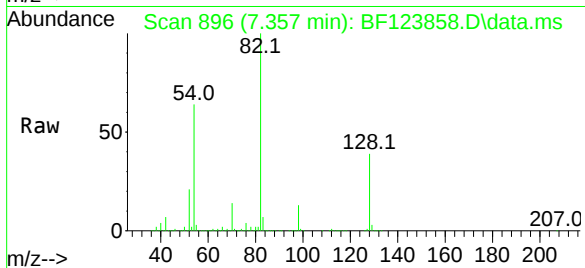
Ion	Ratio	Lower	Upper
82	100		
128	39.1	29.4	44.2
54	63.9	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW



#25

Isophorone

Concen: 48.08 ng

RT: 7.357 min Scan# 896

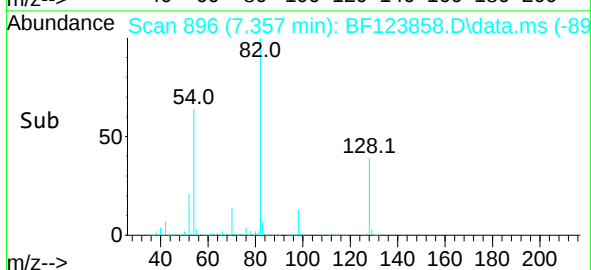
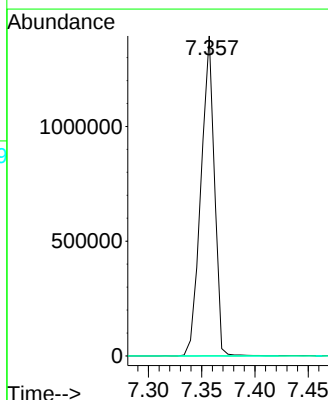
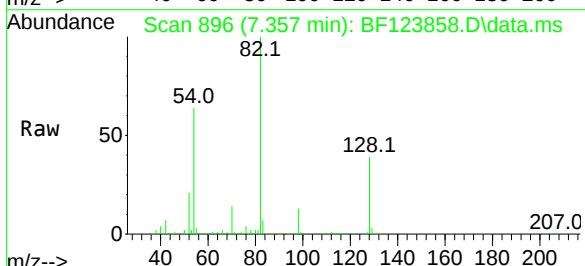
Delta R.T. -0.265 min

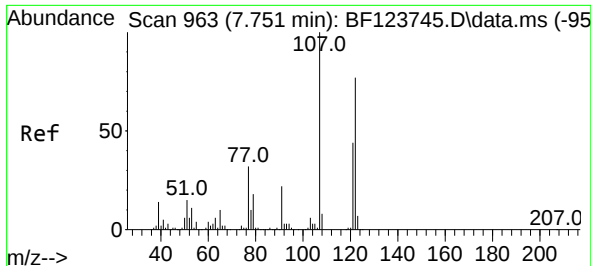
Lab File: BF123858.D

Acq: 6 May 2021 17:00

Tgt Ion: 82 Resp: 1237980

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

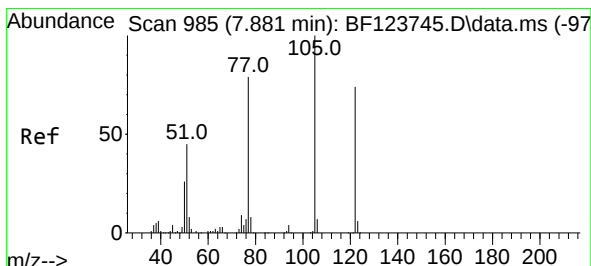
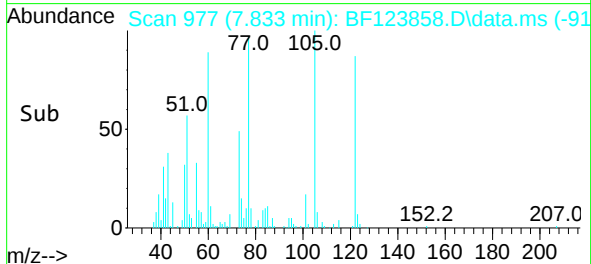
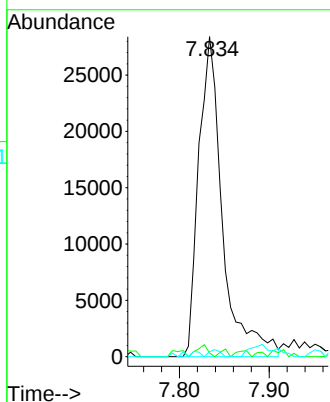
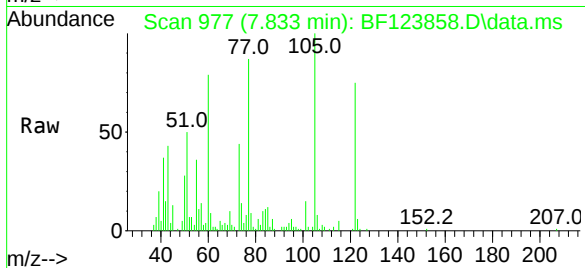




#27
2,4-Dimethylphenol
Concen: 5.70 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.094 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

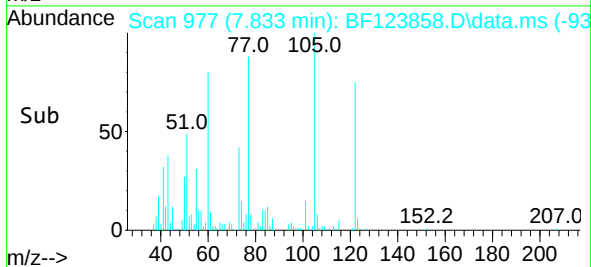
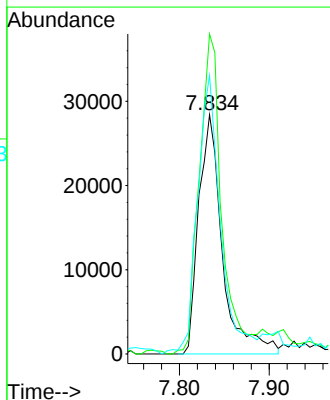
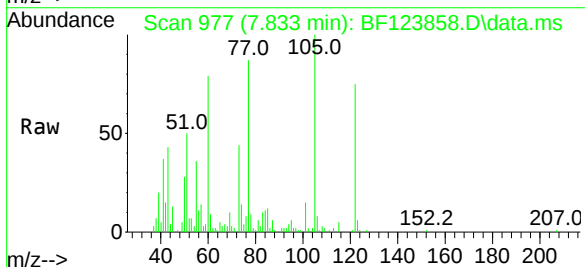
Instrument :
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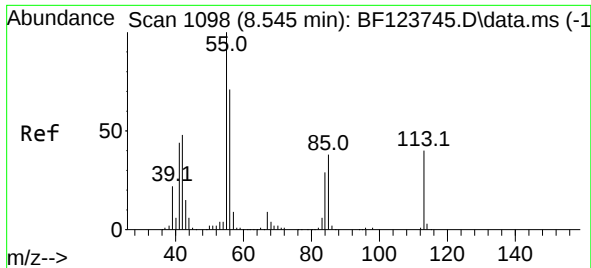
Tgt Ion:122 Resp: 52315
Ion Ratio Lower Upper
122 100
107 1.1 106.3 159.5#
121 1.6 45.4 68.0#



#32
Benzoic acid
Concen: 12.76 ng
RT: 7.833 min Scan# 977
Delta R.T. -0.041 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

Tgt Ion:122 Resp: 52315
Ion Ratio Lower Upper
122 100
105 133.8 107.8 147.8
77 116.4 81.6 121.6

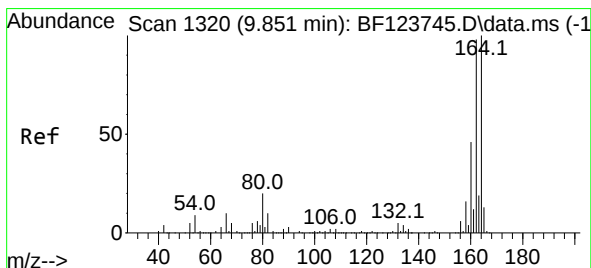
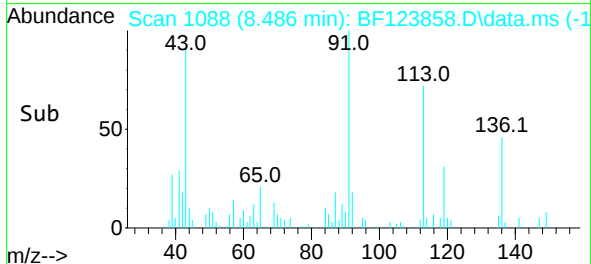
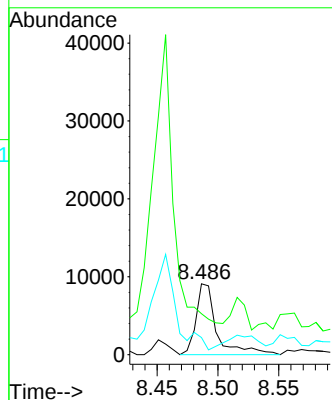
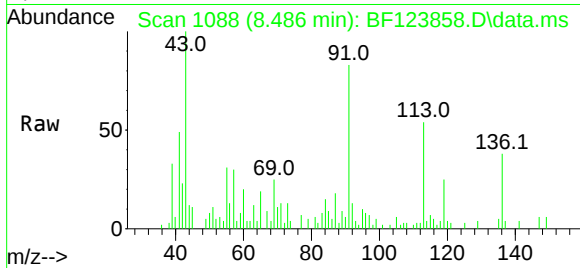




#35
Caprolactam
Concen: 3.39 ng
RT: 8.486 min Scan# 1088
Delta R.T. -0.047 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

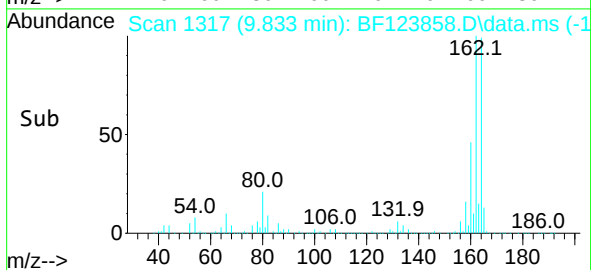
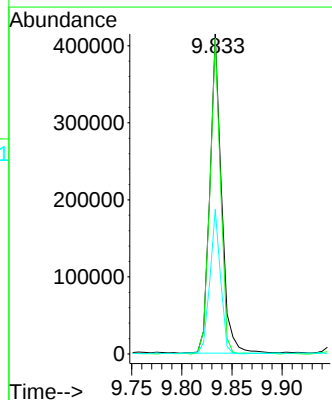
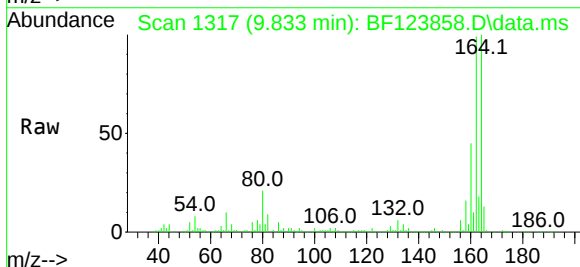
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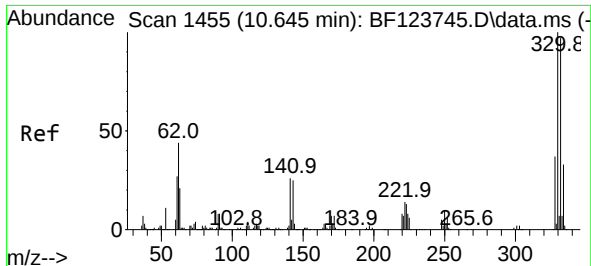
Tgt Ion:113 Resp: 10751
Ion Ratio Lower Upper
113 100
55 57.8 254.9 294.9#
56 24.1 179.4 219.4#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

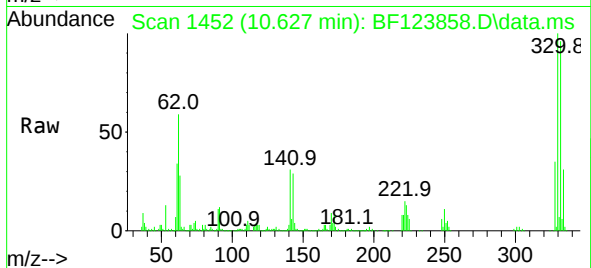
Tgt Ion:164 Resp: 336829
Ion Ratio Lower Upper
164 100
162 98.6 80.7 121.1
160 45.1 37.3 55.9



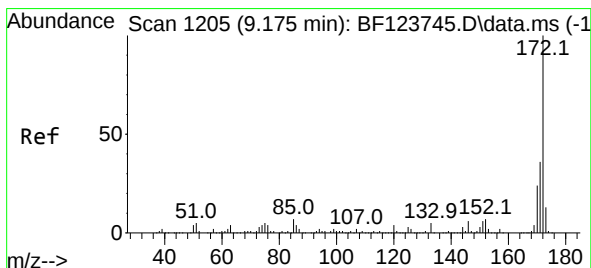
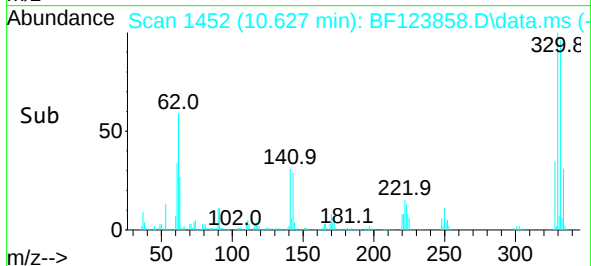
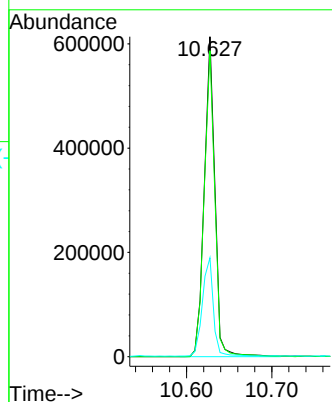


#42
2,4,6-Tribromophenol
Concen: 126.42 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

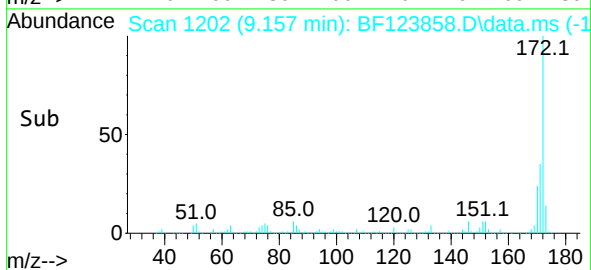
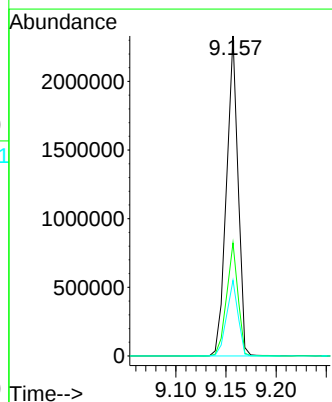
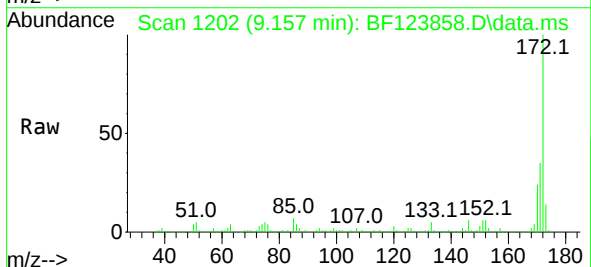


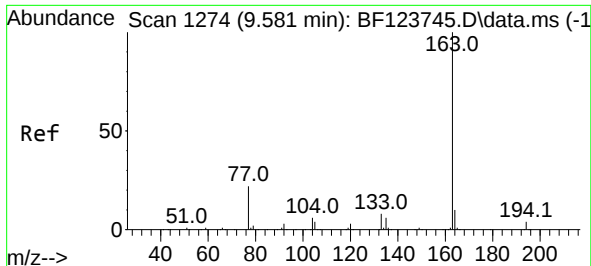
Tgt Ion: 330 Resp: 530117
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 31.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 80.82 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

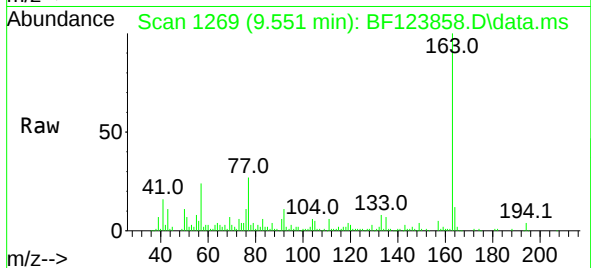
Tgt Ion: 172 Resp: 1869291
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 19.2 28.8



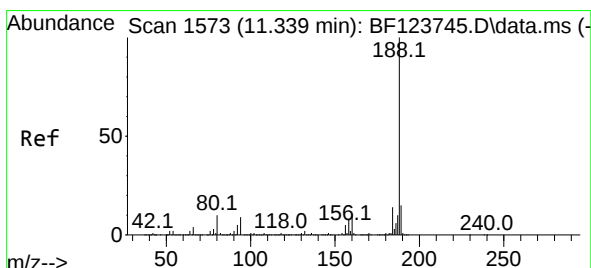
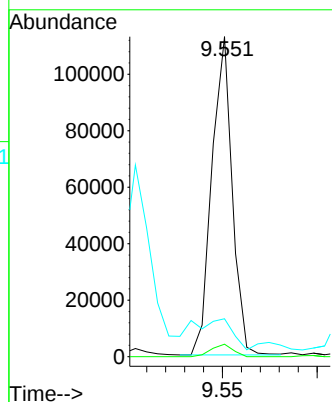
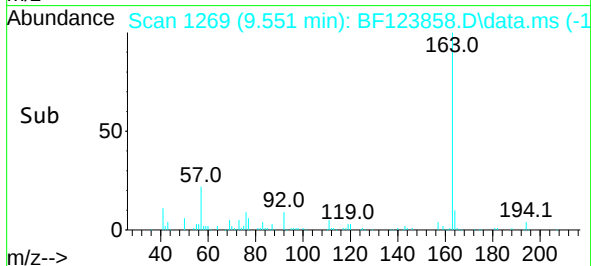


#50
Dimethylphthalate
Concen: 3.54 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

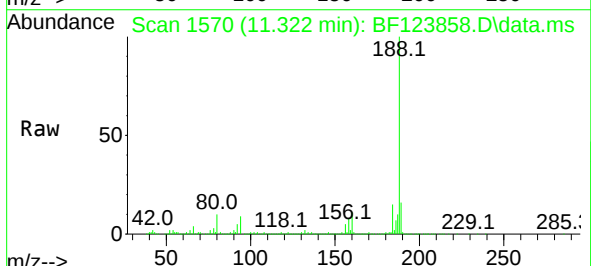
Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW



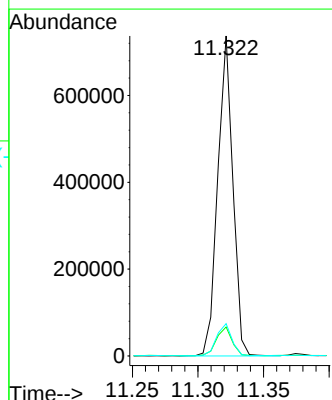
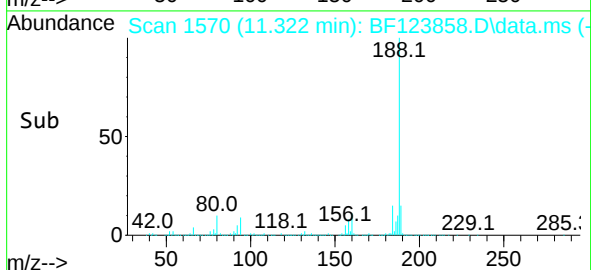
Tgt Ion:163 Resp: 84084
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 11.8 8.2 12.2

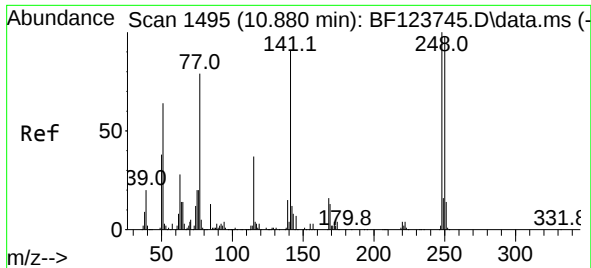


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00



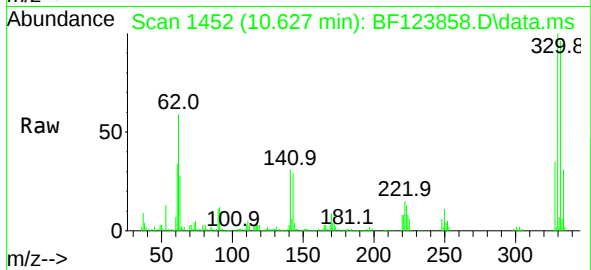
Tgt Ion:188 Resp: 590867
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 10.1 8.2 12.2



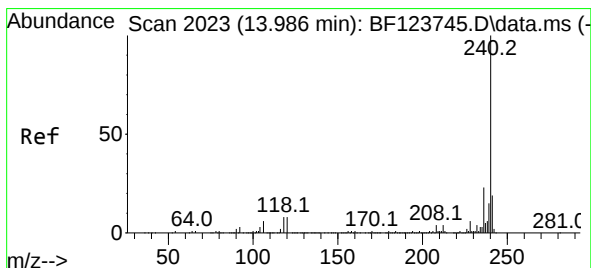
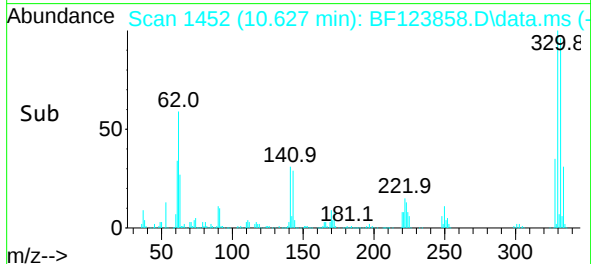
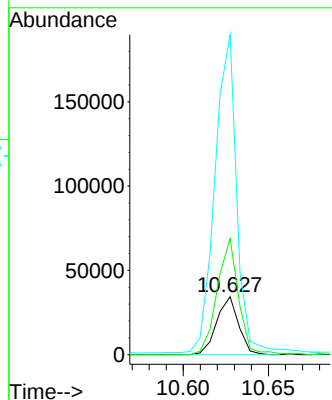


#67
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

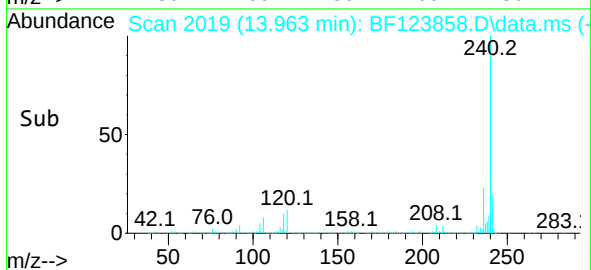
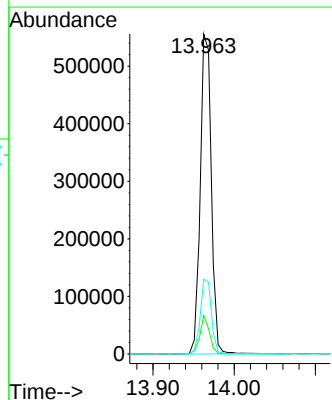
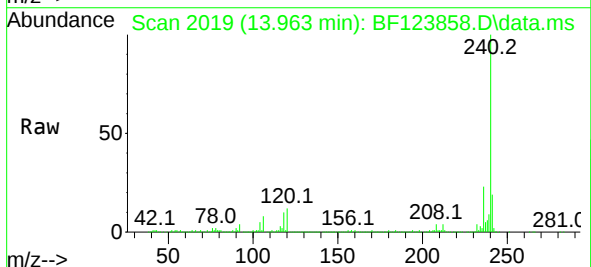


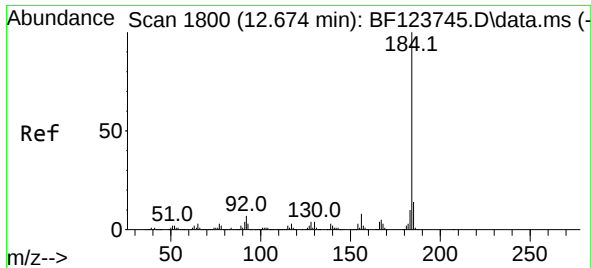
Tgt Ion:248 Resp: 30655
Ion Ratio Lower Upper
248 100
250 200.4 77.4 116.2#
141 552.1 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

Tgt Ion:240 Resp: 528715
Ion Ratio Lower Upper
240 100
120 12.0 7.2 10.8#
236 23.3 19.0 28.4

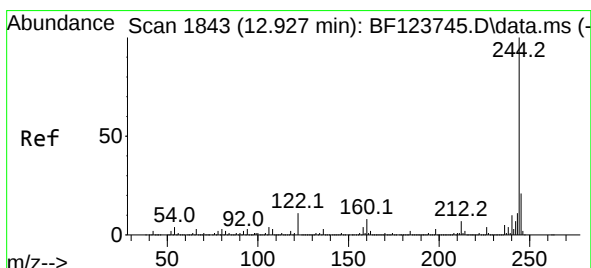
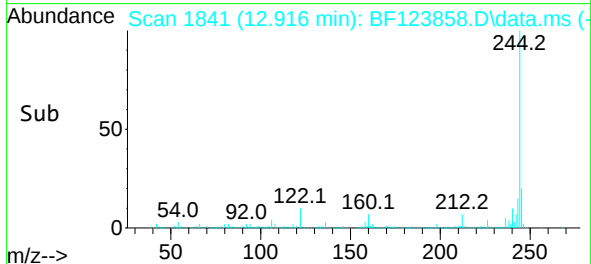
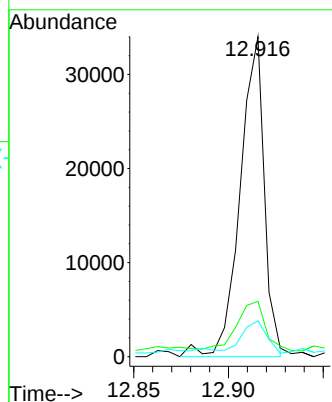
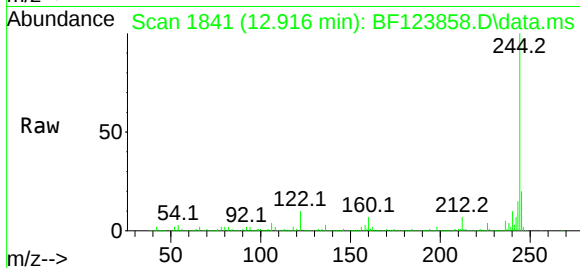




#77
Benzidine
Concen: 2.20 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.253 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

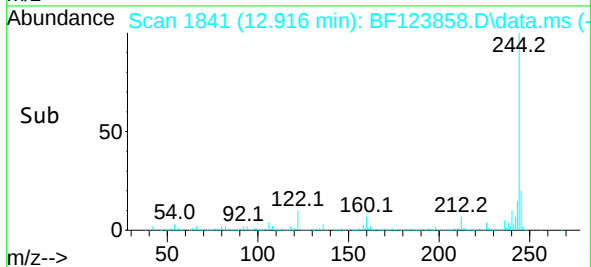
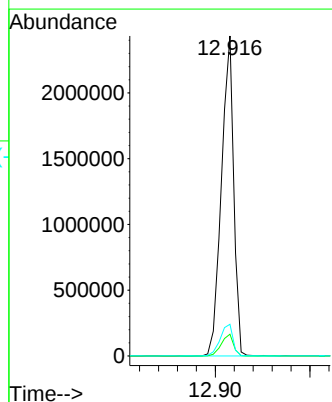
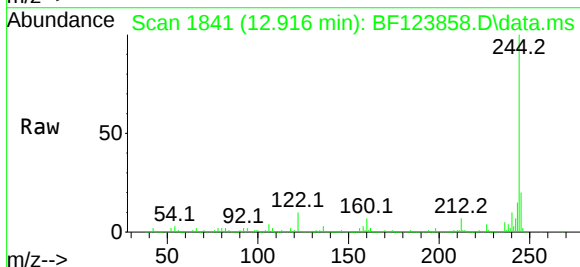
Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

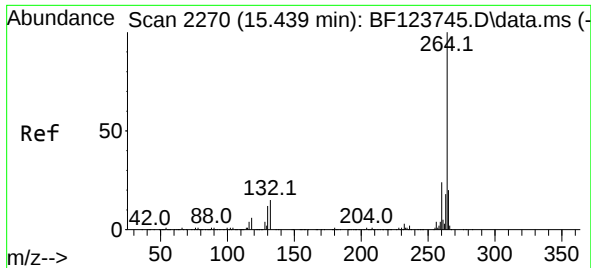
Tgt Ion:184 Resp: 30188
Ion Ratio Lower Upper
184 100
185 17.3 12.1 18.1
183 11.2 7.8 11.8



#79
Terphenyl-d14
Concen: 80.15 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123858.D
Acq: 6 May 2021 17:00

Tgt Ion:244 Resp: 2200551
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.9 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: BF123858.D
 Acq: 6 May 2021 17:00

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Tgt Ion:264	Resp: 441815
Ion Ratio	Lower Upper
264	100
260	23.3 18.7 28.1
265	21.1 17.8 26.8

