

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)

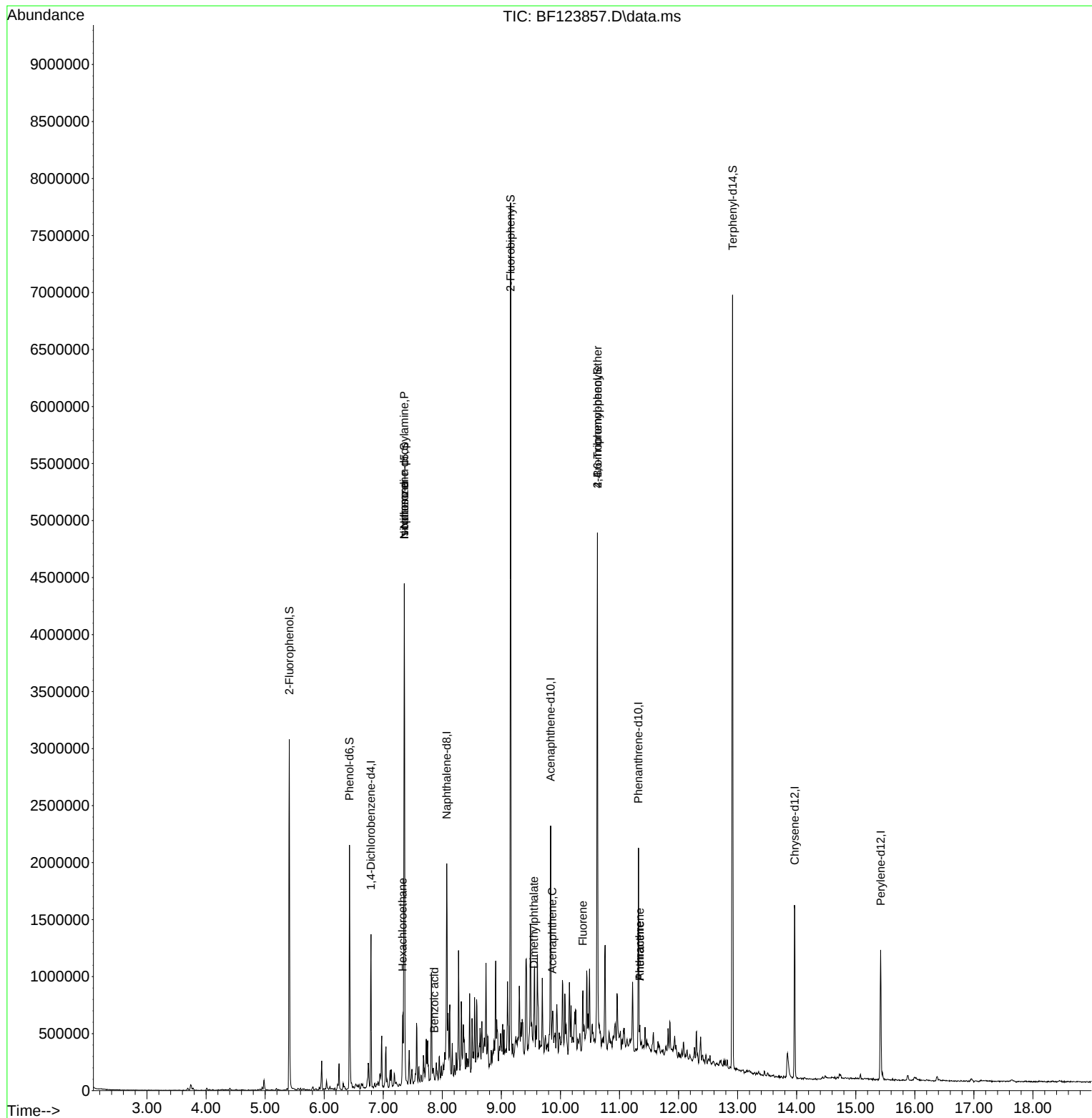
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	169304	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	624769	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	320429	20.00	ng	0.00
64) Phenanthrene-d10	11.321	188	605222	20.00	ng	0.00
76) Chrysene-d12	13.968	240	560828	20.00	ng	0.00
86) Perylene-d12	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
18) Hexachloroethane	7.328	117	66208	14.23	ng	# 37
19) n-Nitroso-di-n-propyla...	7.357	70	177523	19.53	ng	# 72
25) Isophorone	7.357	82	1302339	50.19	ng	# 69
32) Benzoic acid	7.863	122	498	5.46	ng	86
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
67) 4-Bromophenyl-phenylether	10.627	248	29538	4.63	ng	# 1
71) Phenanthrene	11.345	178	70159	2.21	ng	96
72) Anthracene	11.345	178	70159	2.22	ng	97

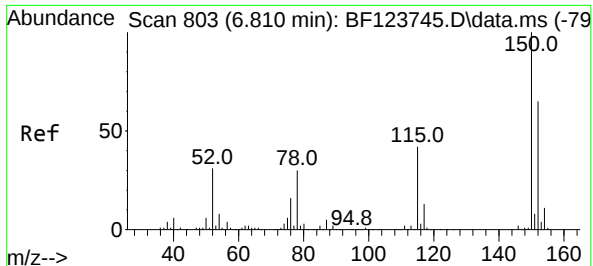
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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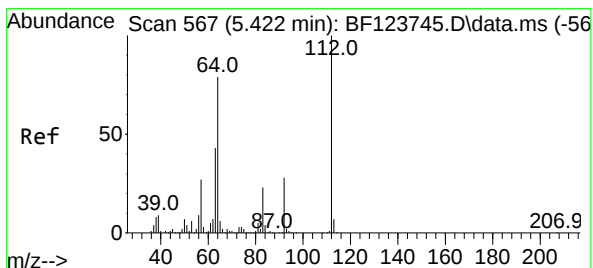
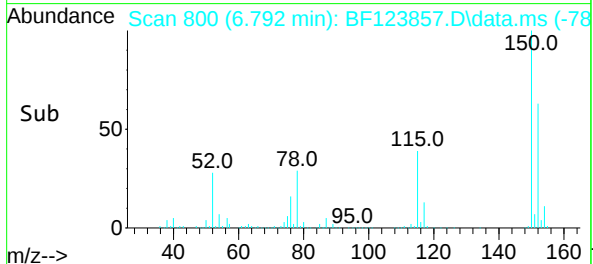
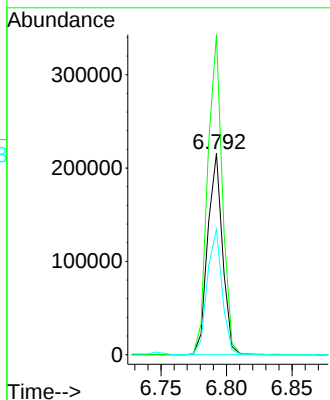
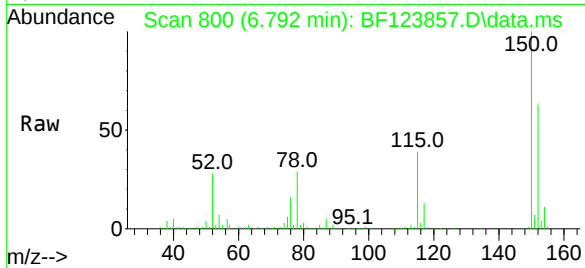




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

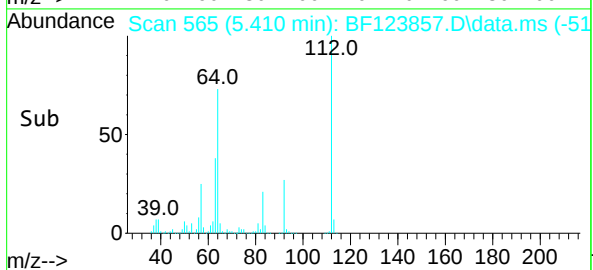
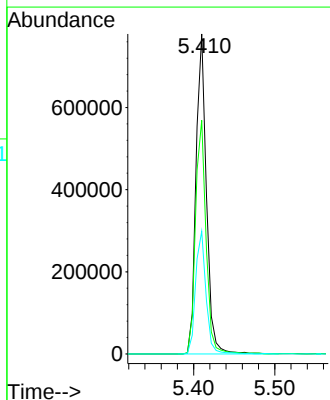
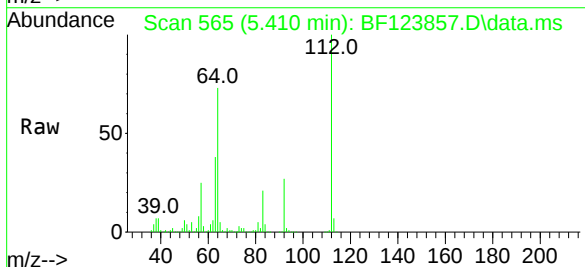
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

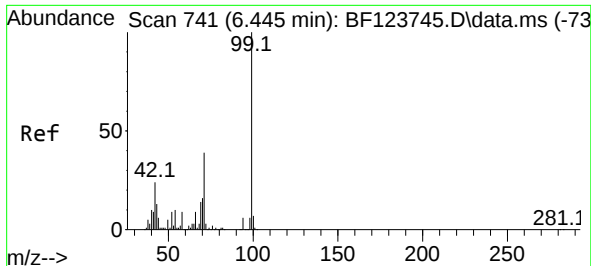
Tgt Ion:152 Resp: 169304
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 62.2 54.3 81.5



#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

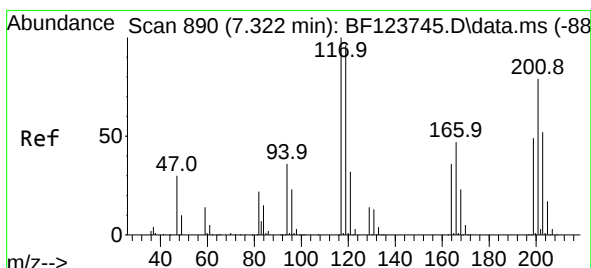
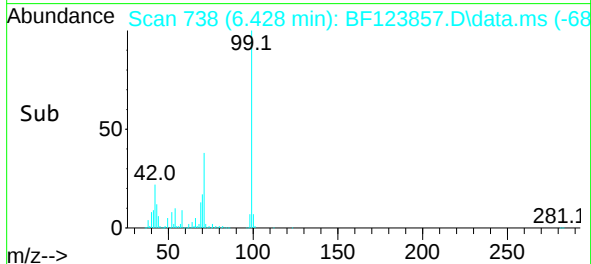
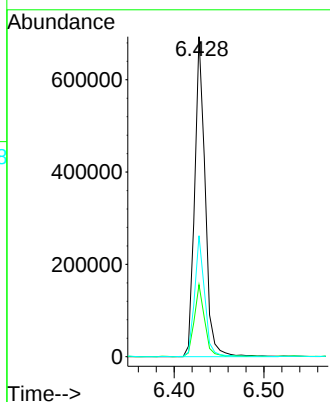
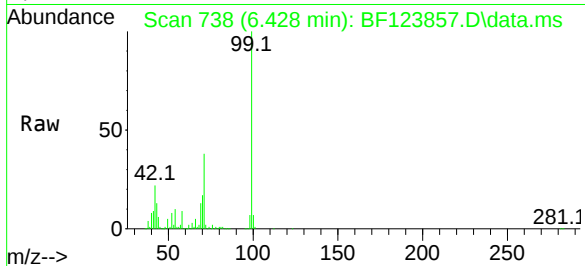




#7
Phenol-d6
Concen: 38.32 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

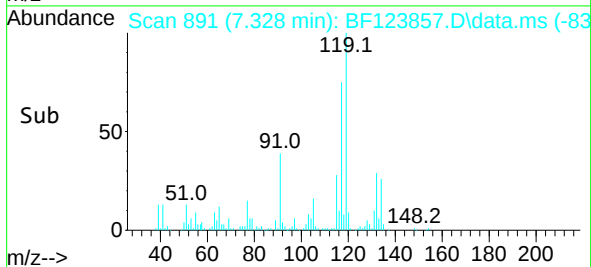
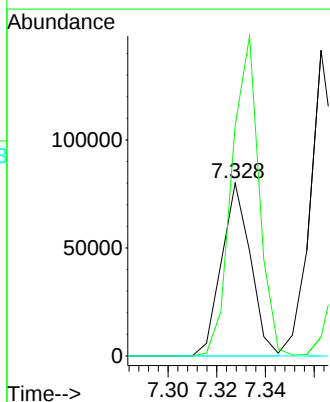
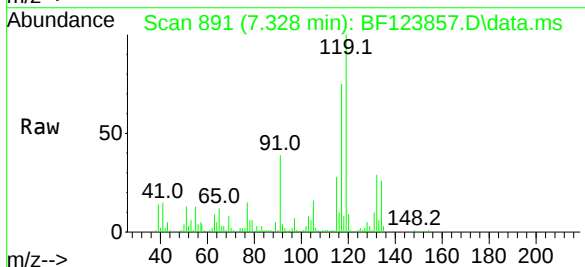
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

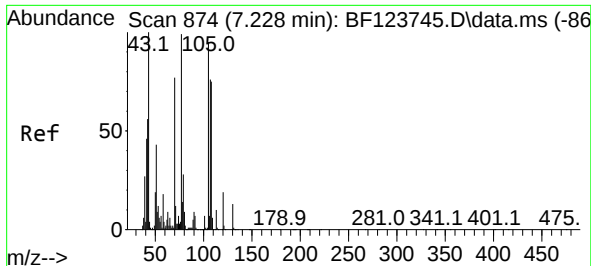
Tgt Ion: 99 Resp: 564055
Ion Ratio Lower Upper
99 100
42 22.5 19.8 29.8
71 37.8 31.1 46.7



#18
Hexachloroethane
Concen: 14.23 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.017 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

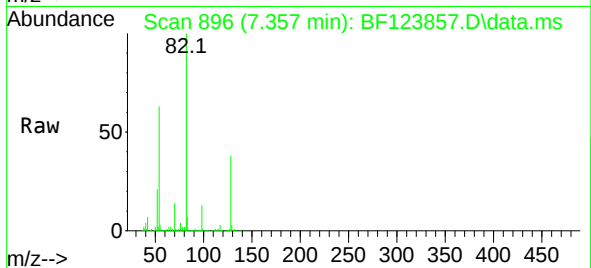
Tgt Ion: 117 Resp: 66208
Ion Ratio Lower Upper
117 100
119 133.3 77.8 116.8#
201 0.0 67.8 101.8#





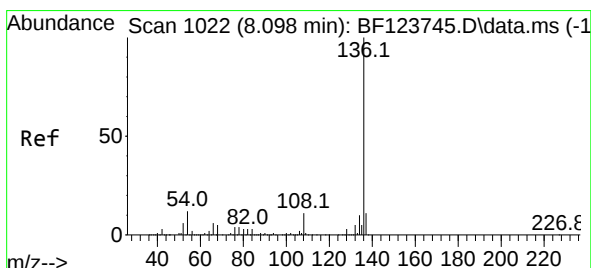
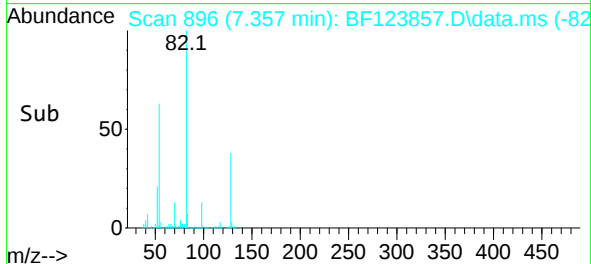
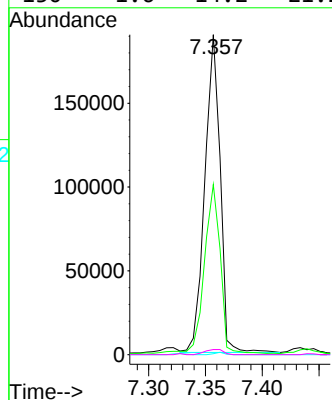
#19
n-Nitroso-di-n-propylamine
Concen: 19.53 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

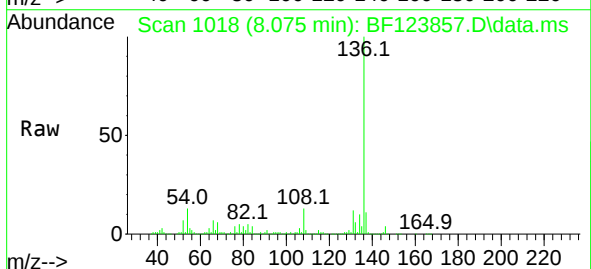


Tgt Ion: 70 Resp: 177523

Ion	Ratio	Lower	Upper
70	100		
42	53.2	60.1	90.1#
101	0.3	7.4	11.2#
130	1.6	14.2	21.2#

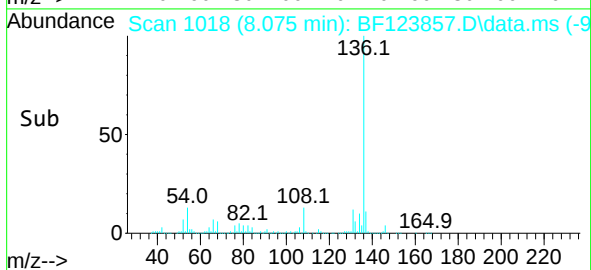
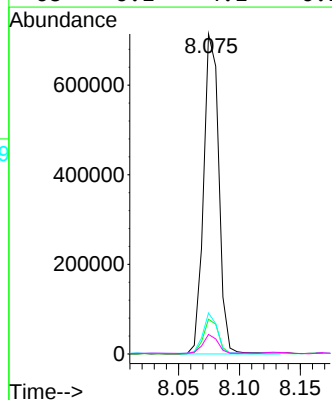


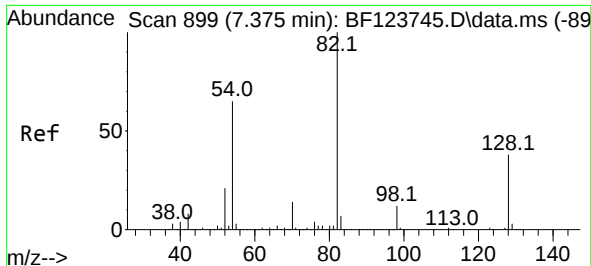
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27



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

Tgt Ion: 82 Resp: 1309787

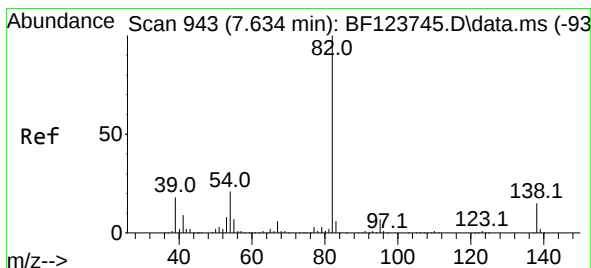
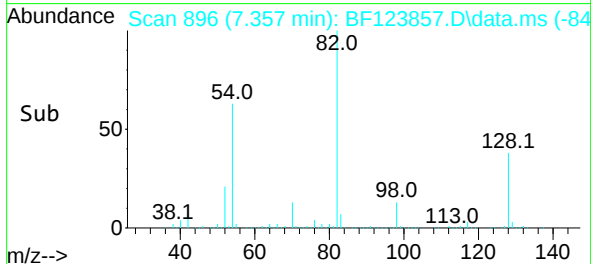
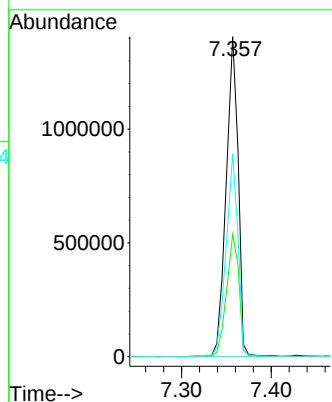
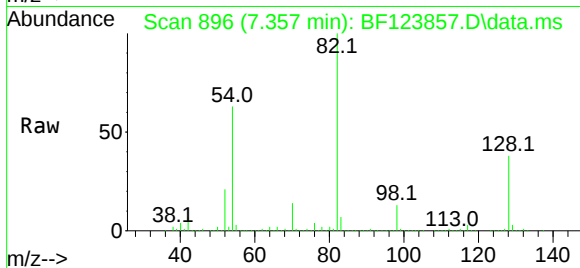
Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	63.4	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW



#25

Isophorone

Concen: 50.19 ng

RT: 7.357 min Scan# 896

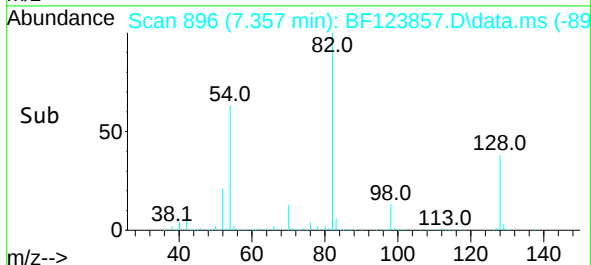
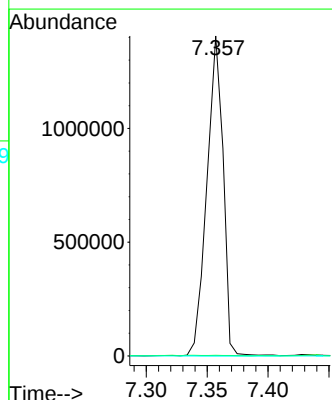
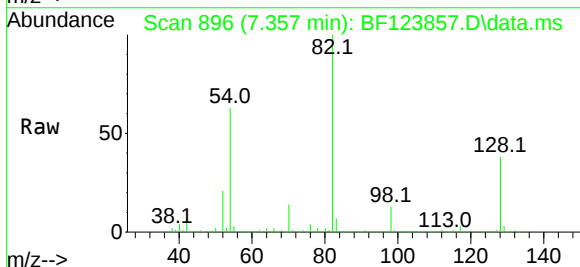
Delta R.T. -0.265 min

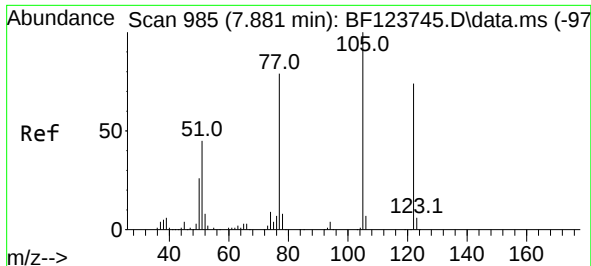
Lab File: BF123857.D

Acq: 6 May 2021 16:27

Tgt Ion: 82 Resp: 1302339

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.8	8.6#
138	0.0	11.8	17.8#

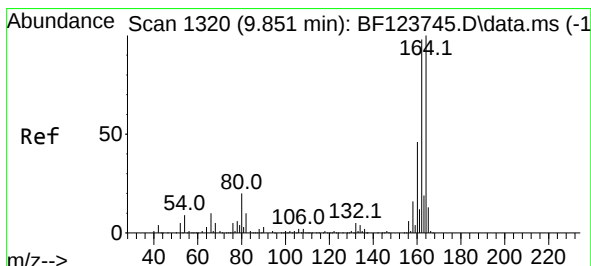
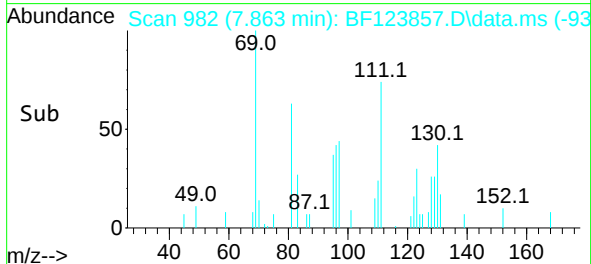
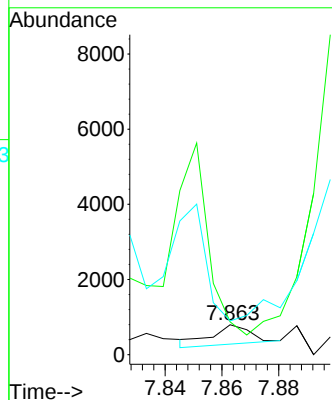
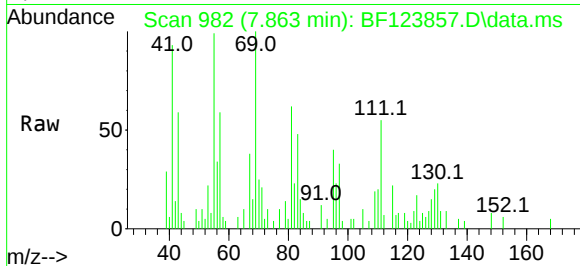




#32
Benzoic acid
Concen: 5.46 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

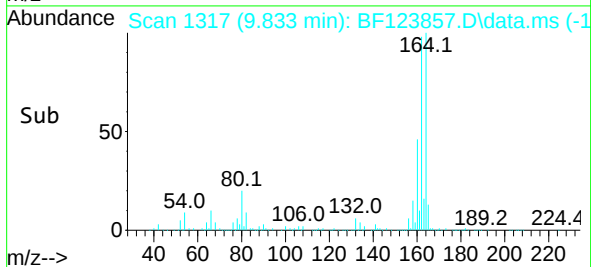
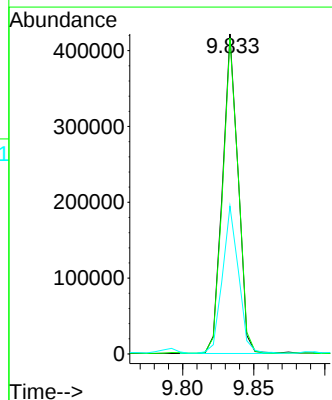
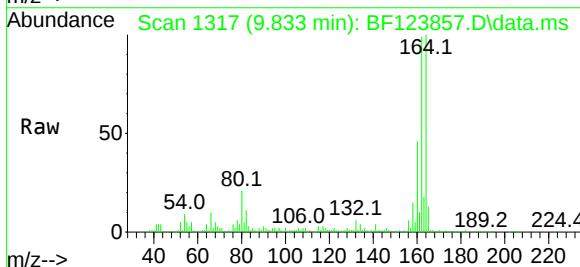
Instrument :
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OWL-C5-GW

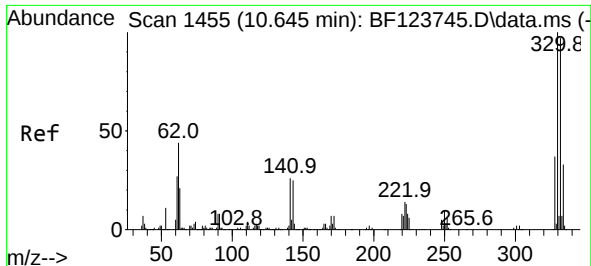
Tgt Ion:122 Resp: 498
Ion Ratio Lower Upper
122 100
105 109.9 107.8 147.8
77 112.9 81.6 121.6



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

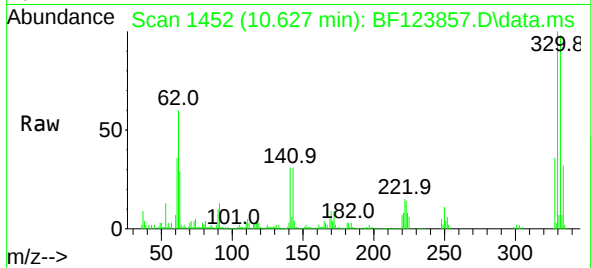
Tgt Ion:164 Resp: 320429
Ion Ratio Lower Upper
164 100
162 98.7 80.7 121.1
160 46.2 37.3 55.9



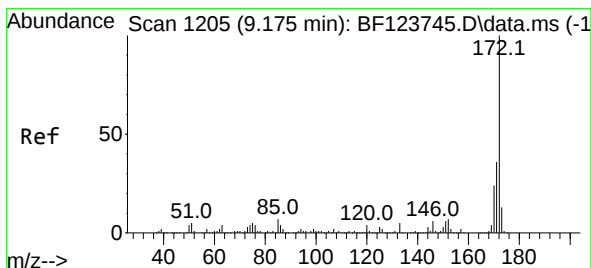
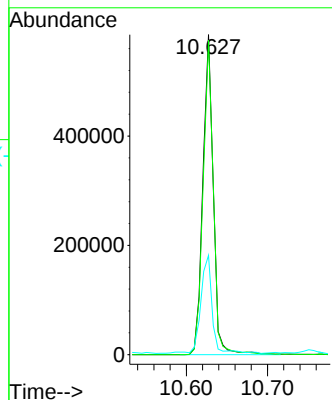
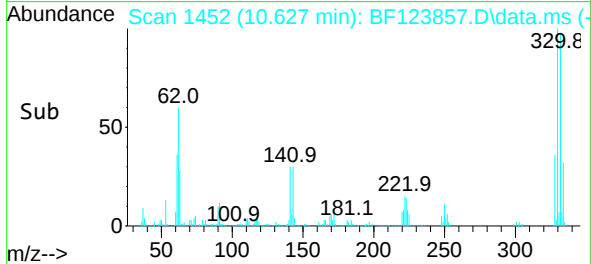


#42
 2,4,6-Tribromophenol
 Concen: 130.96 ng
 RT: 10.627 min Scan# 1452
 Delta R.T. -0.006 min
 Lab File: BF123857.D
 Acq: 6 May 2021 16:27

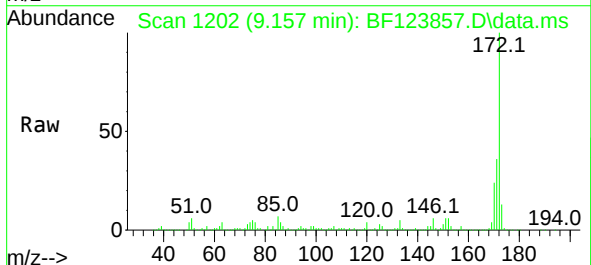
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW



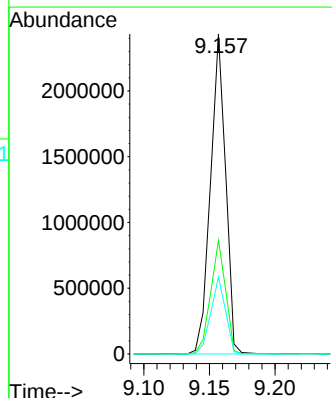
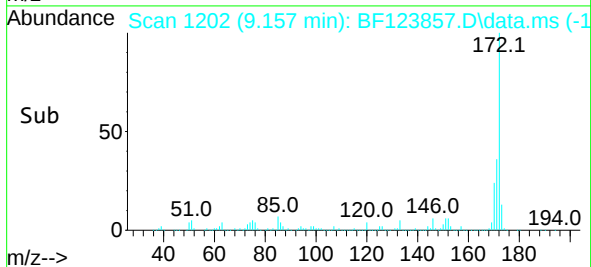
Tgt Ion:330 Resp: 522406
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.1 115.7
 141 33.4 27.9 41.9

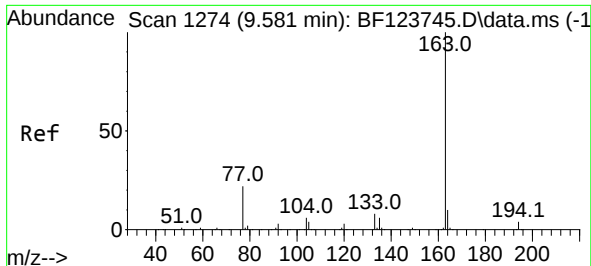


#45
 2-Fluorobiphenyl
 Concen: 88.80 ng
 RT: 9.157 min Scan# 1202
 Delta R.T. -0.006 min
 Lab File: BF123857.D
 Acq: 6 May 2021 16:27



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

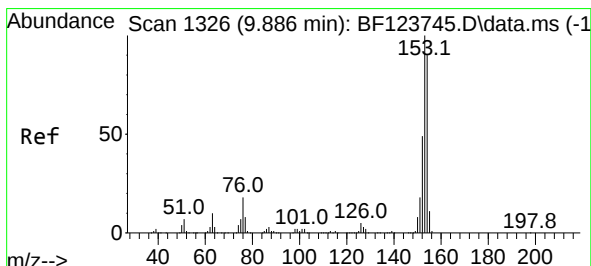
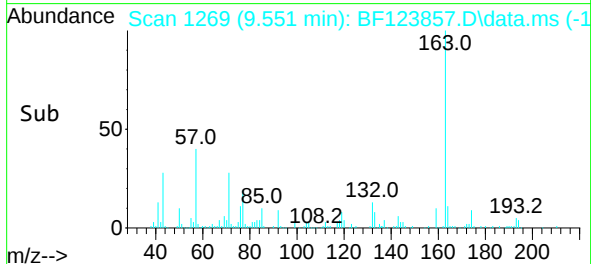
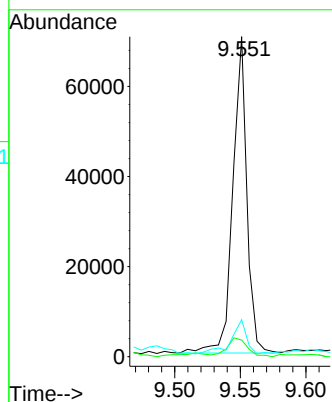
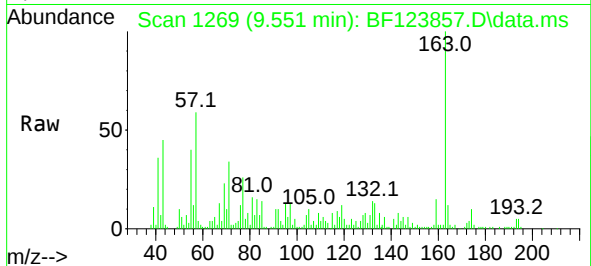




#50
Dimethylphthalate
Concen: 2.33 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

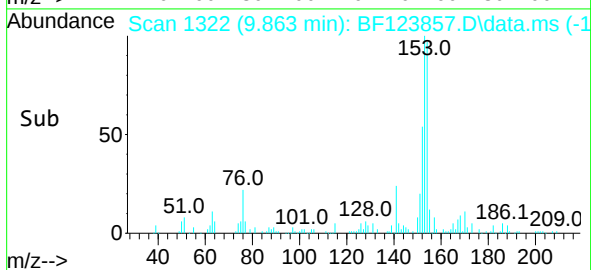
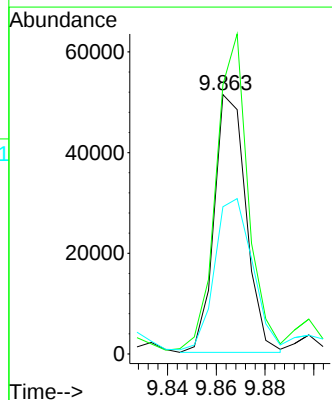
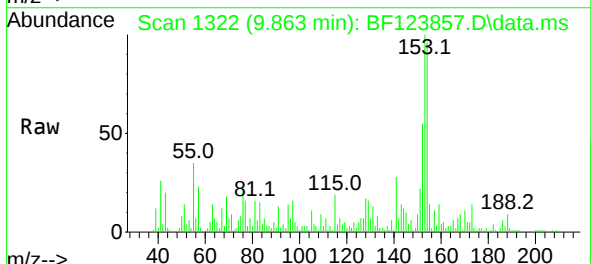
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

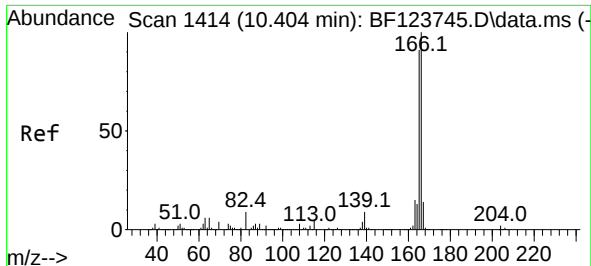
Tgt Ion:163 Resp: 52480
Ion Ratio Lower Upper
163 100
194 5.2 3.1 4.7#
164 11.5 8.2 12.2



#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

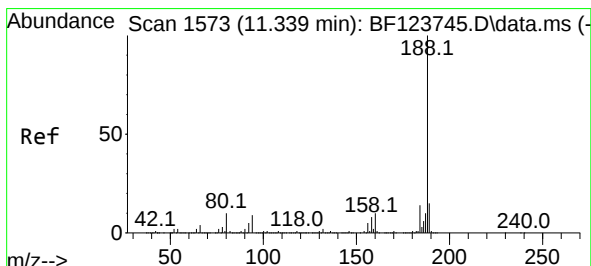
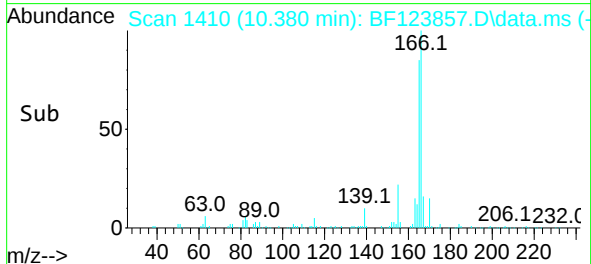
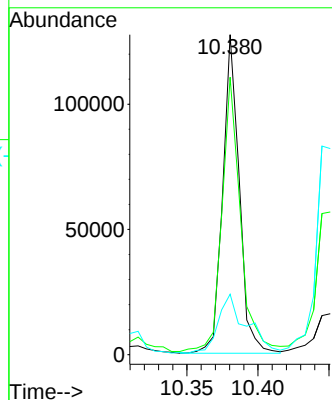
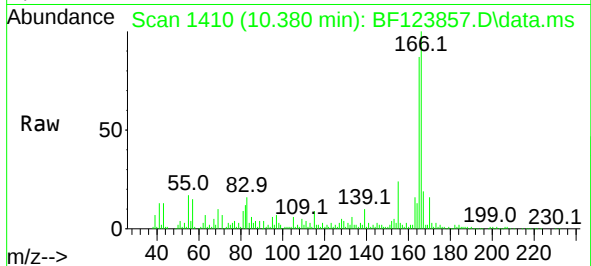




#58
Fluorene
Concen: 4.55 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

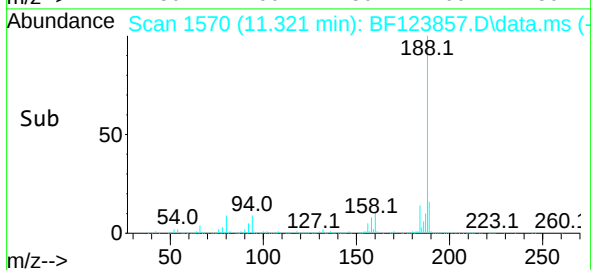
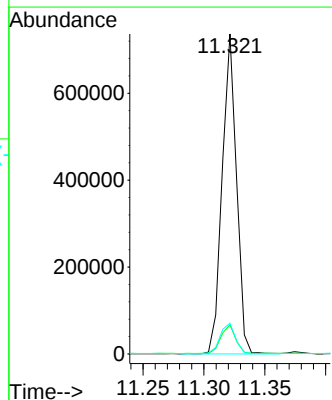
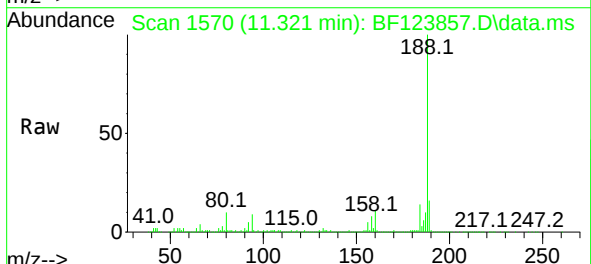
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

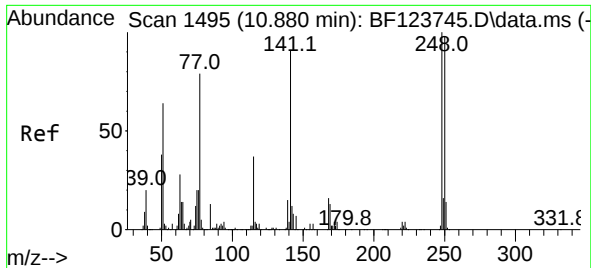
Tgt Ion:166 Resp: 103018
Ion Ratio Lower Upper
166 100
165 86.7 73.5 110.3
167 18.9 10.7 16.1#



#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

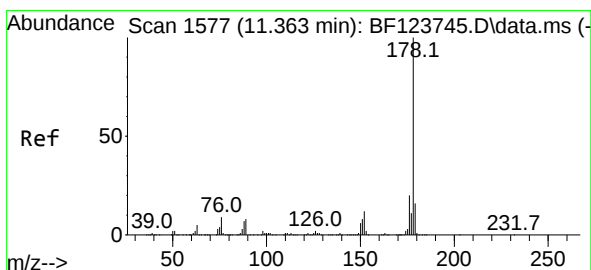
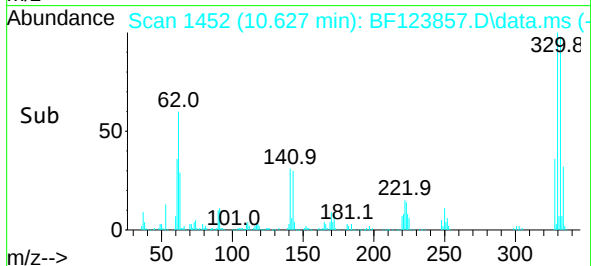
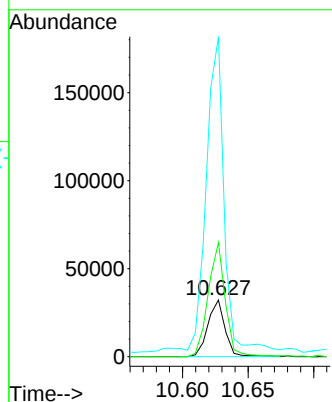
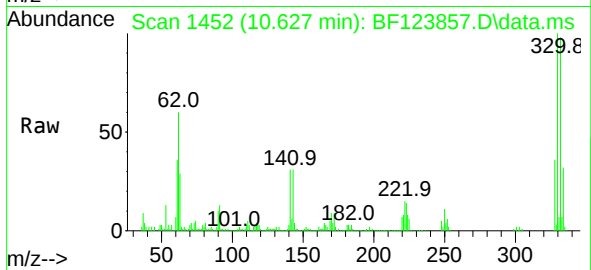




#67
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123857.D
Acq: 6 May 2021 16:27

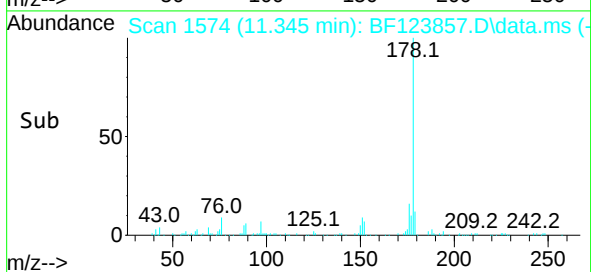
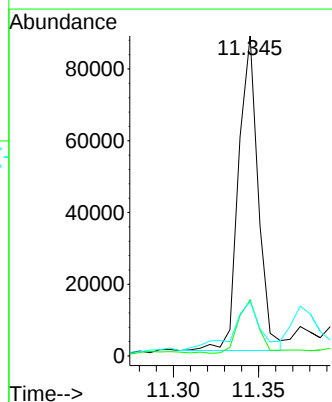
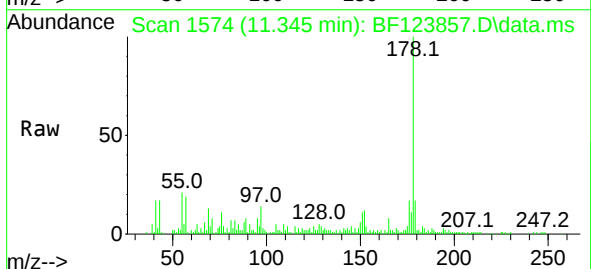
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

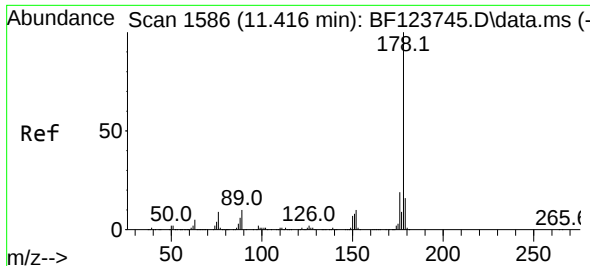
Tgt Ion:248 Resp: 29538
Ion Ratio Lower Upper
248 100
250 201.5 77.4 116.2#
141 564.5 63.7 95.5#



#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

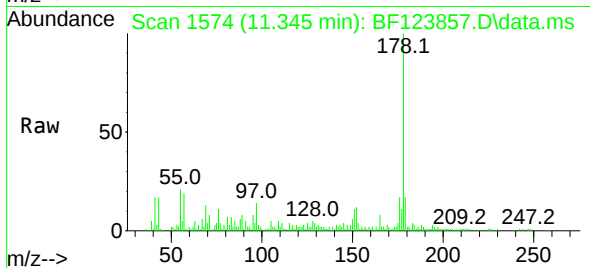
Tgt Ion:178 Resp: 70159
Ion Ratio Lower Upper
178 100
176 17.5 15.6 23.4
179 17.0 12.5 18.7



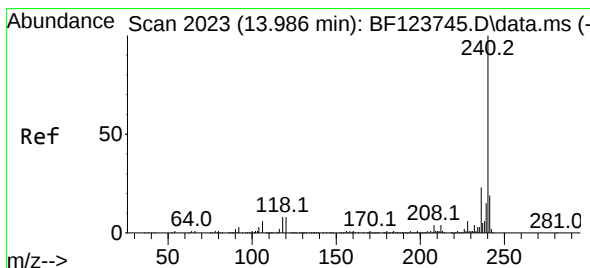
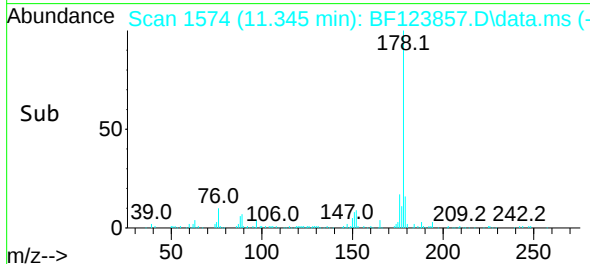
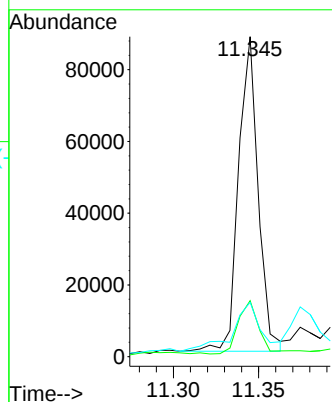


#72
 Anthracene
 Concen: 2.22 ng
 RT: 11.345 min Scan# 1574
 Delta R.T. -0.059 min
 Lab File: BF123857.D
 Acq: 6 May 2021 16:27

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

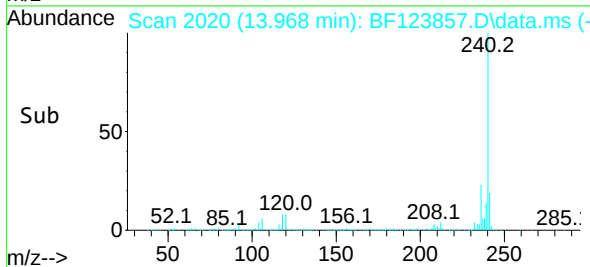
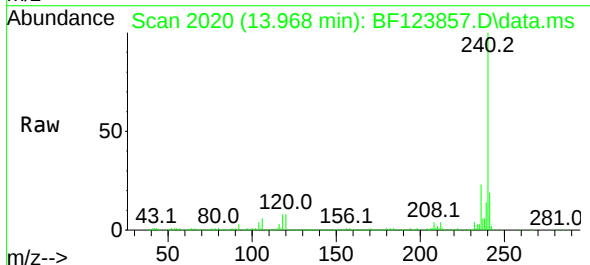
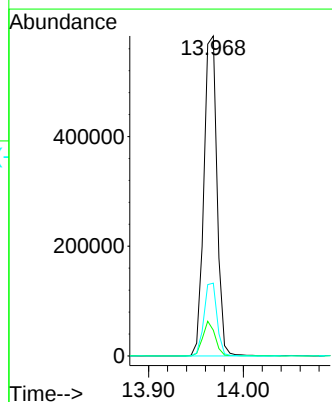


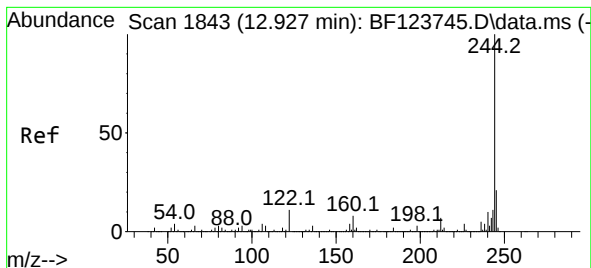
Tgt Ion:178 Resp: 70159
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.4 23.0
 179 17.0 12.6 18.8



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.968 min Scan# 2020
 Delta R.T. -0.006 min
 Lab File: 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

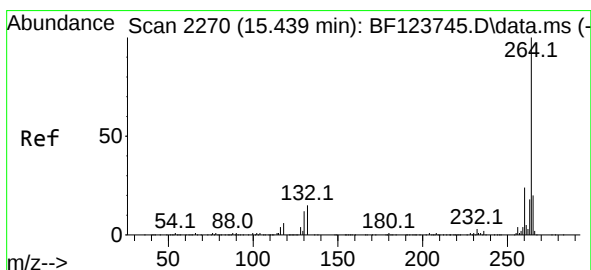
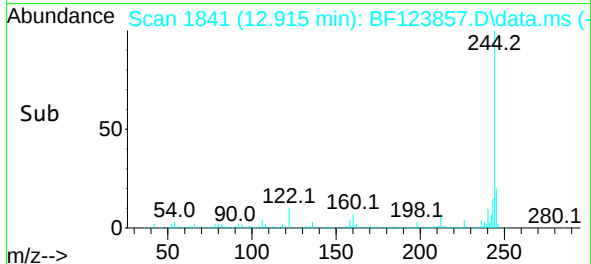
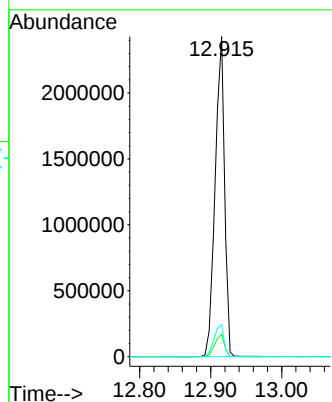
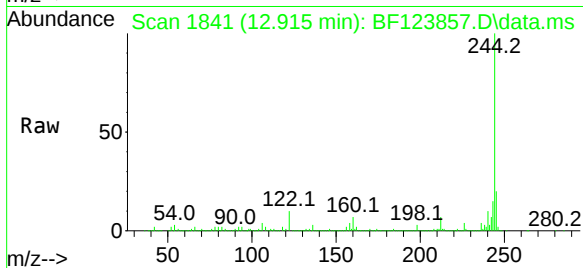
Delta R.T. -0.000 min

Lab File: BF123857.D

Acq: 6 May 2021 16:27

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

