

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123859.D
 Acq On : 6 May 2021 17:32
 Operator : JU/CG
 Sample : M2304-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Quant Time: May 06 18:12:52 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)

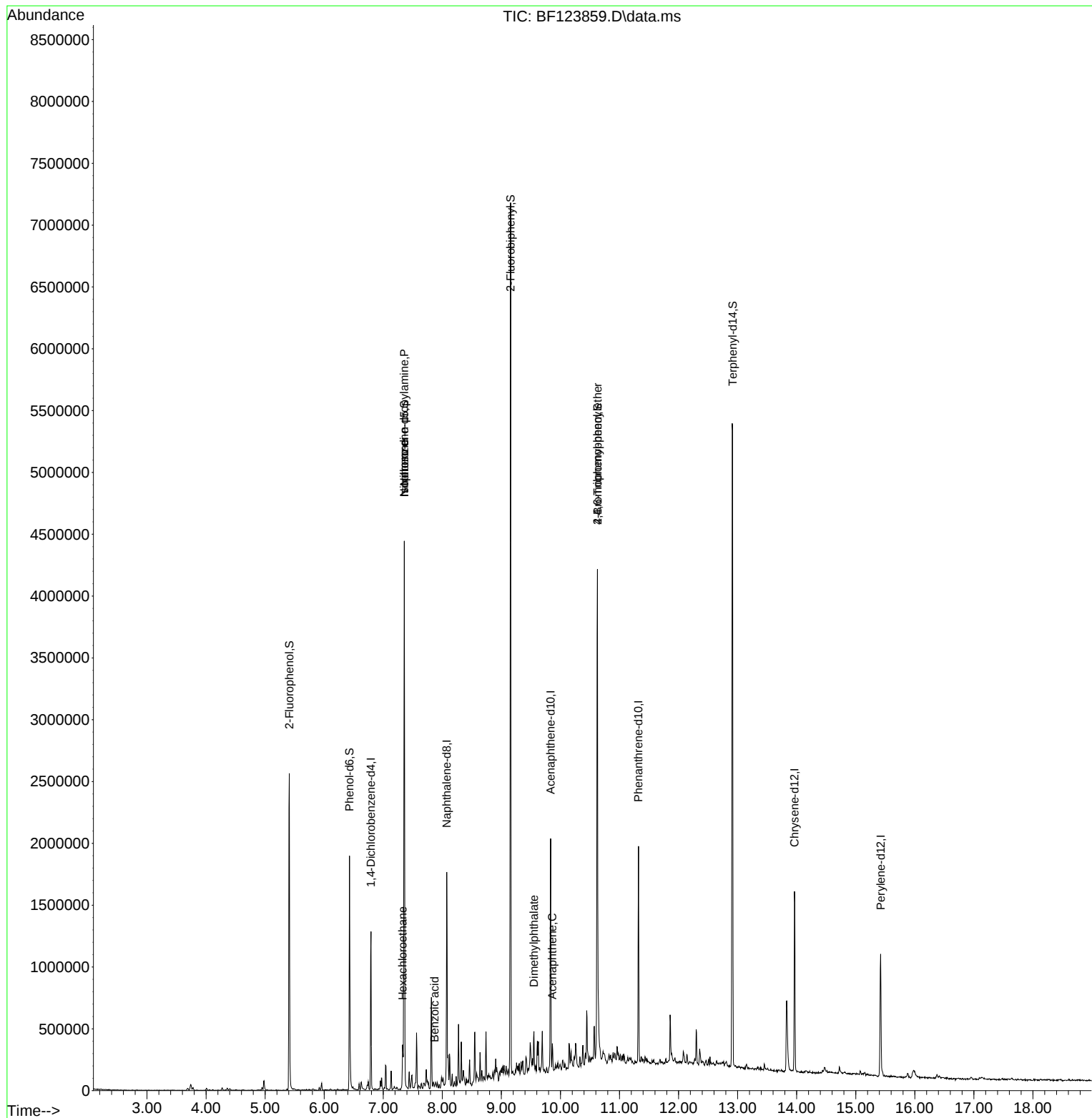
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	170355	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	626787	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	317834	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	593290	20.00	ng	0.00
76) Chrysene-d12	13.963	240	539602	20.00	ng	-0.01
86) Perylene-d12	15.421	264	450067	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	614362	57.13	ng	0.00
7) Phenol-d6	6.428	99	483490	32.64	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1206738	86.91	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	495680	125.28	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1835389	84.10	ng	0.00
79) Terphenyl-d14	12.916	244	1825294	65.14	ng	0.00
Target Compounds						
18) Hexachloroethane	7.328	117	39555	8.45	ng	Qvalue # 42
19) n-Nitroso-di-n-propyla...	7.357	70	164794	18.02	ng	# 72
25) Isophorone	7.357	82	1204600	46.27	ng	# 69
32) Benzoic acid	7.869	122	151	5.41	ng	# 53
50) Dimethylphthalate	9.551	163	104756	4.68	ng	97
52) Acenaphthene	9.863	154	43245	2.24	ng	96
67) 4-Bromophenyl-phenylether	10.628	248	27184	4.35	ng	# 1

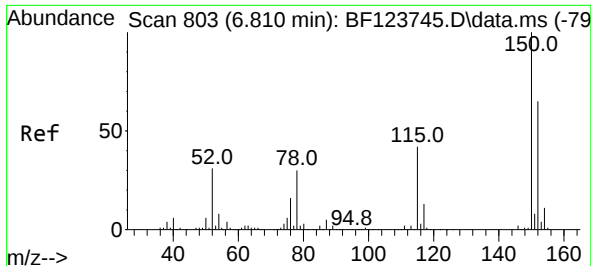
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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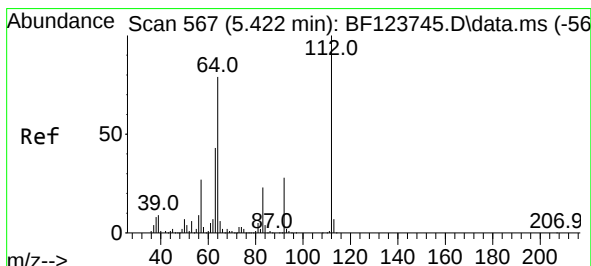
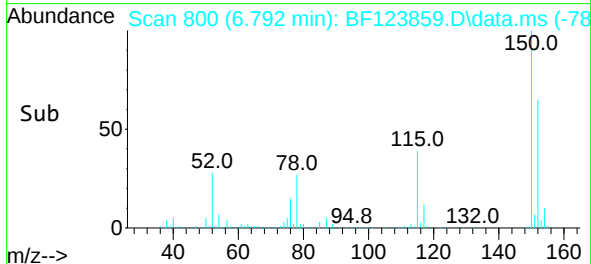
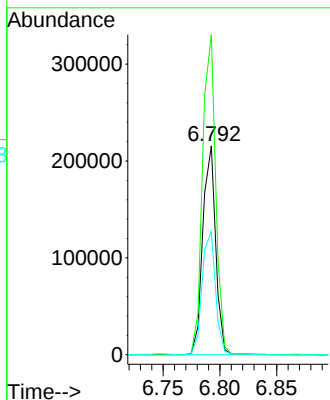
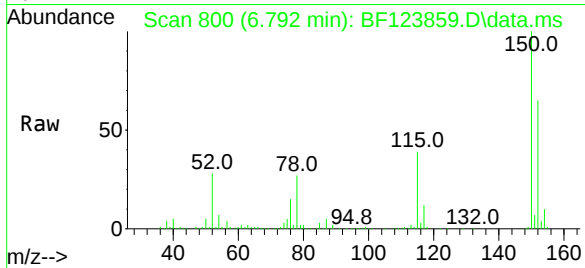




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

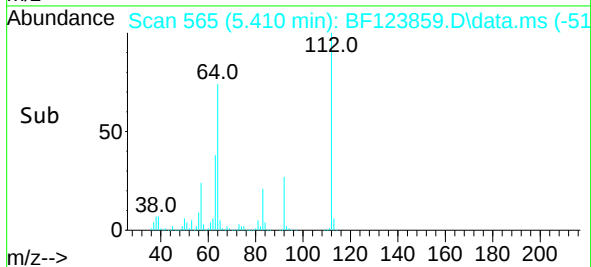
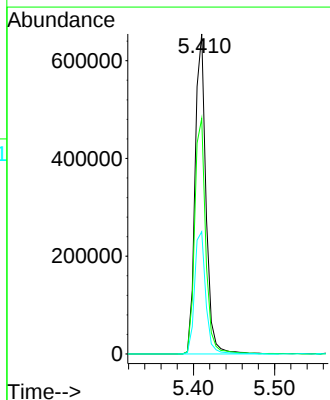
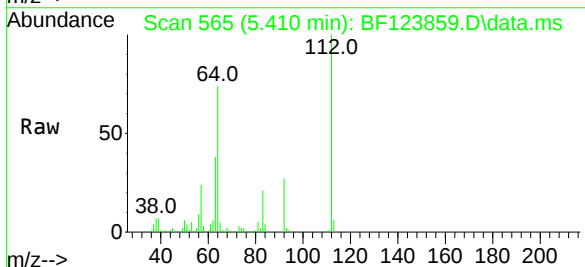
Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

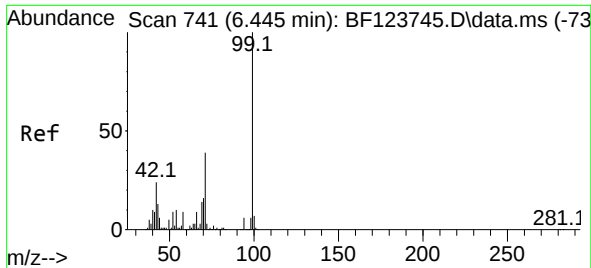
Tgt Ion:152 Resp: 170355
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 59.0 54.3 81.5



#5
2-Fluorophenol
Concen: 57.13 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

Tgt Ion:112 Resp: 614362
Ion Ratio Lower Upper
112 100
64 73.6 61.4 92.0
63 38.2 33.0 49.4

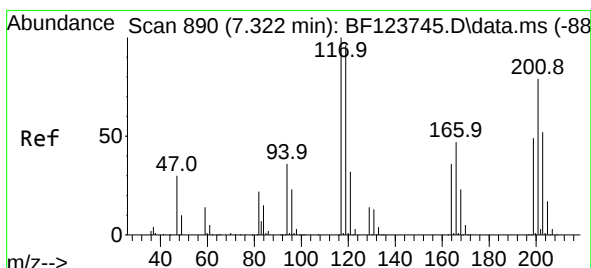
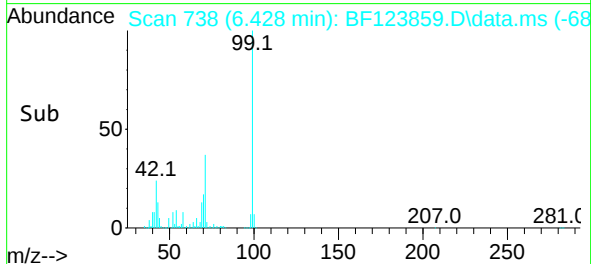
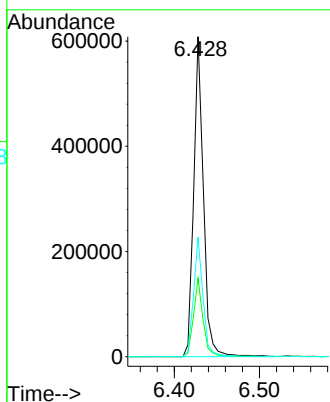
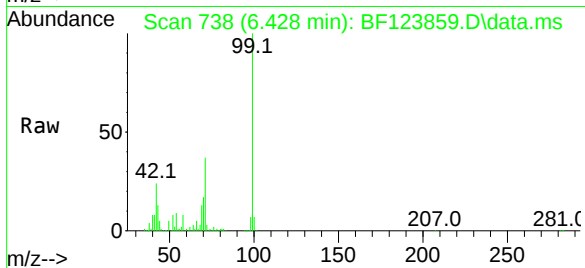




#7
Phenol-d6
Concen: 32.64 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

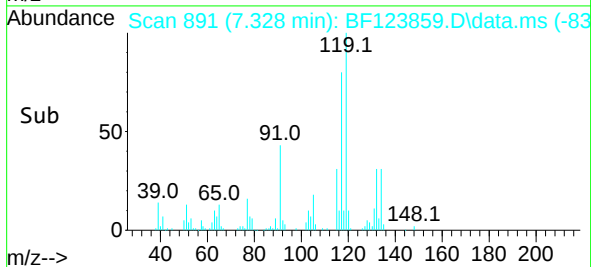
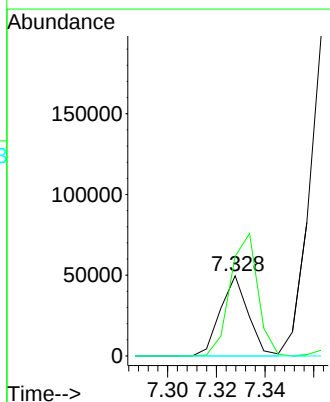
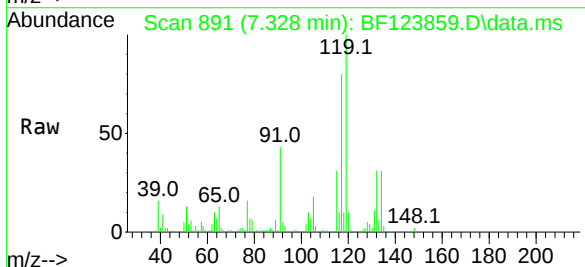
Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

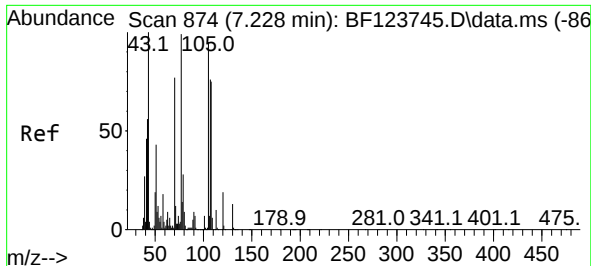
Tgt Ion: 99 Resp: 483490
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.8
71 37.4 31.1 46.7



#18
Hexachloroethane
Concen: 8.45 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.018 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

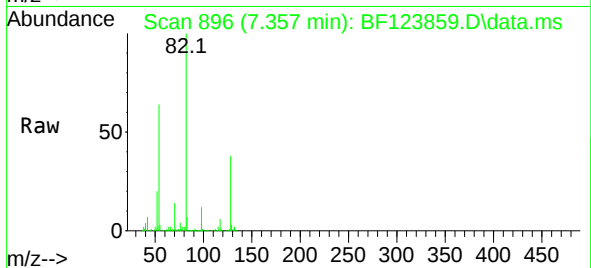
Tgt Ion: 117 Resp: 39555
Ion Ratio Lower Upper
117 100
119 124.4 77.8 116.8#
201 0.0 67.8 101.8#





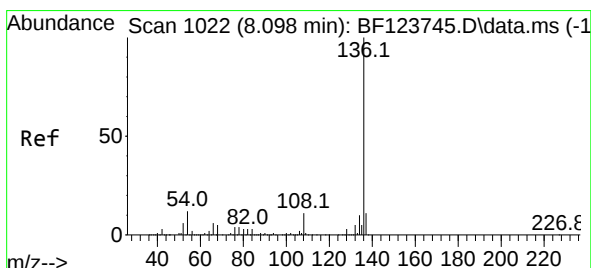
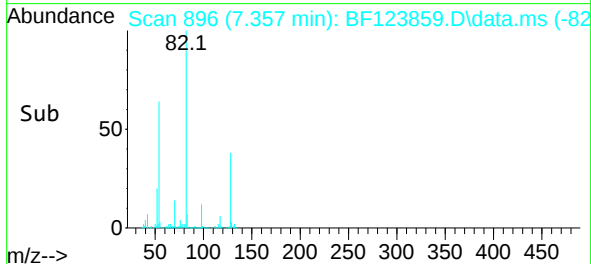
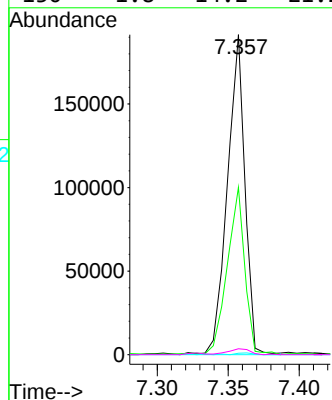
#19
n-Nitroso-di-n-propylamine
Concen: 18.02 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

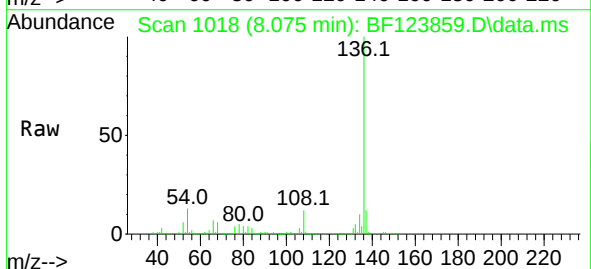


Tgt Ion: 70 Resp: 164794

Ion	Ratio	Lower	Upper
70	100		
42	52.3	60.1	90.1#
101	0.5	7.4	11.2#
130	1.8	14.2	21.2#

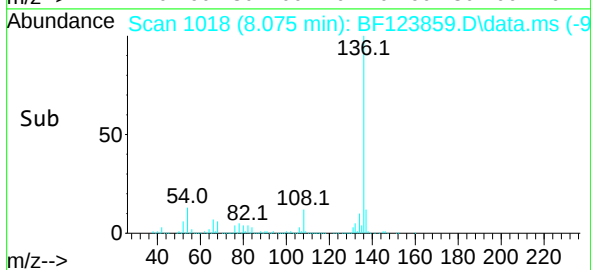
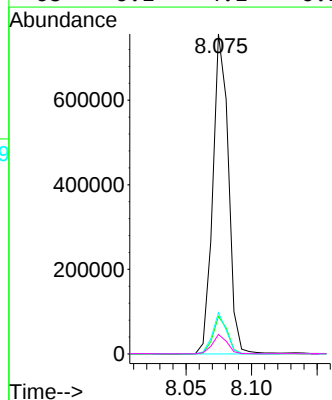


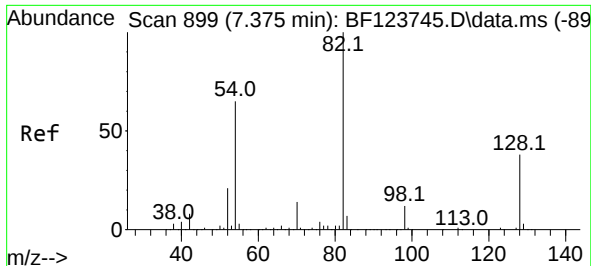
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32



Tgt Ion: 136 Resp: 626787

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	12.9	9.8	14.6
68	6.1	4.1	6.1





#23

Nitrobenzene-d5

Concen: 86.91 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF123859.D

Acq: 6 May 2021 17:32

Tgt Ion: 82 Resp: 1206738

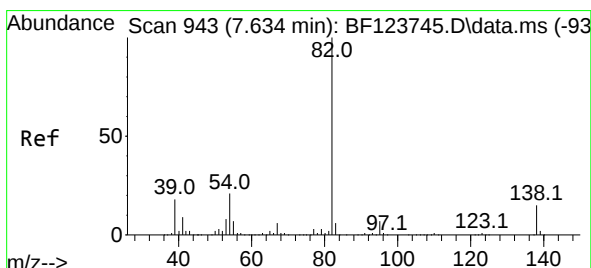
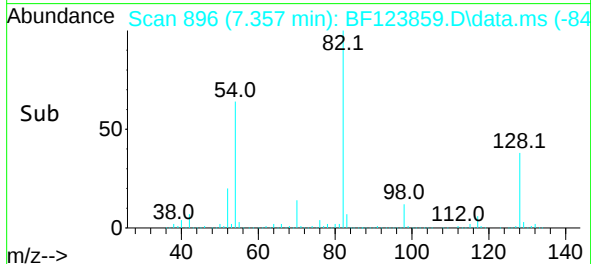
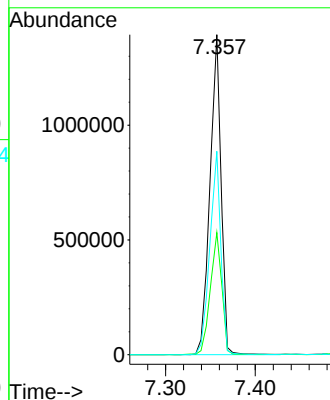
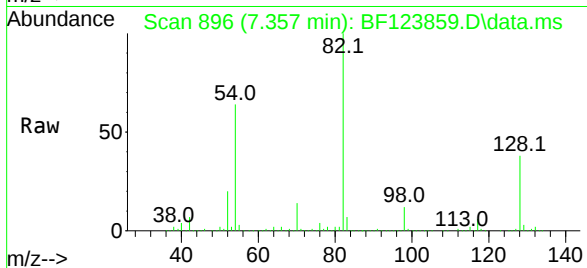
Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	63.5	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW



#25

Isophorone

Concen: 46.27 ng

RT: 7.357 min Scan# 896

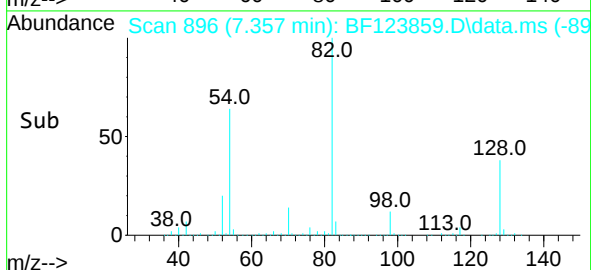
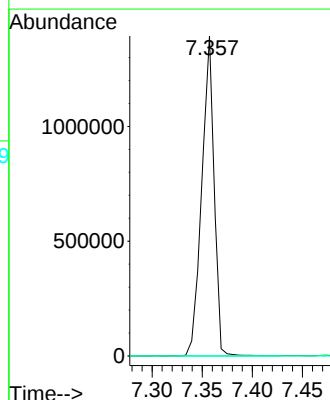
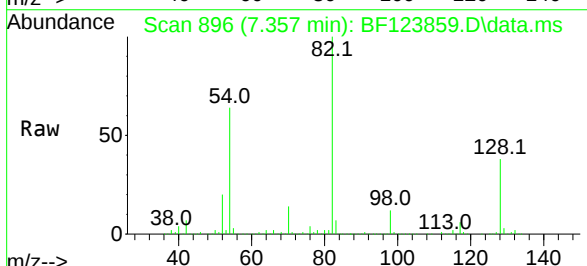
Delta R.T. -0.265 min

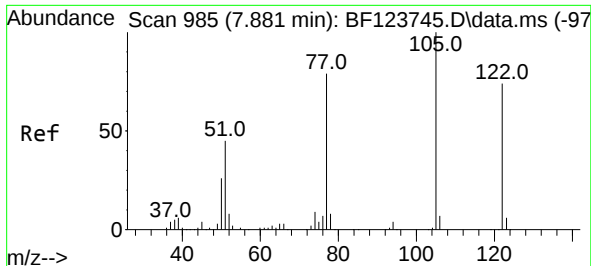
Lab File: BF123859.D

Acq: 6 May 2021 17:32

Tgt Ion: 82 Resp: 1204600

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

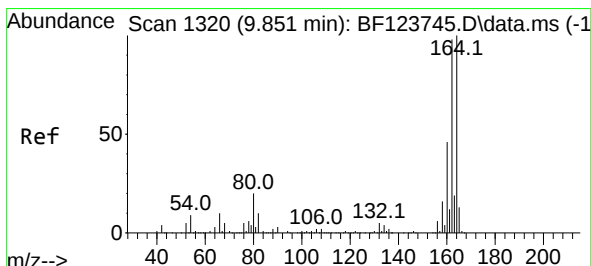
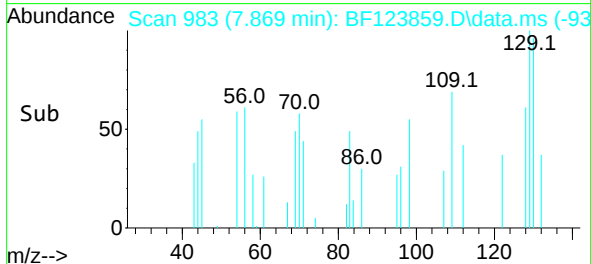
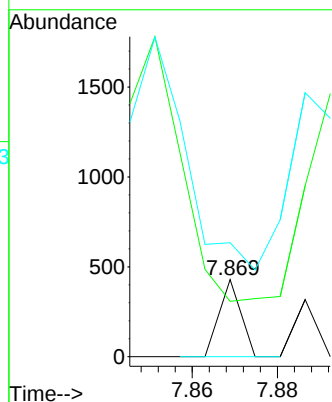
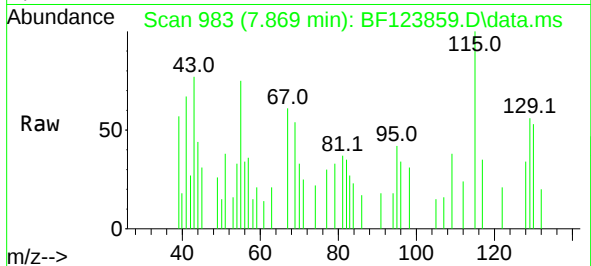




#32
Benzoic acid
Concen: 5.41 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

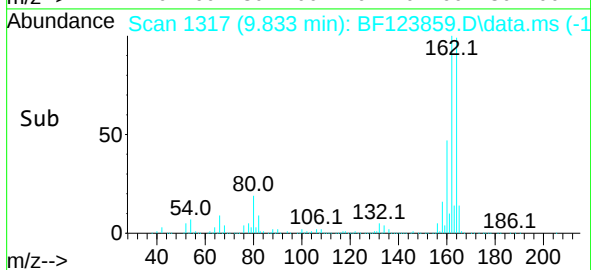
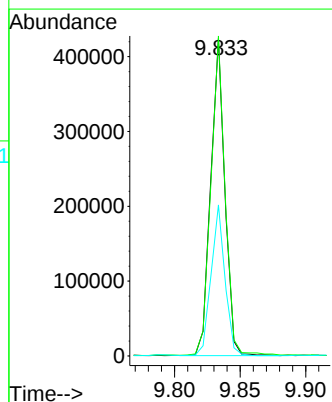
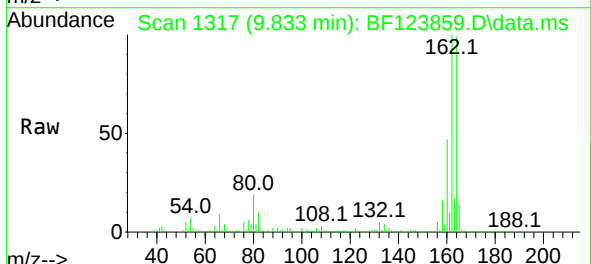
Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

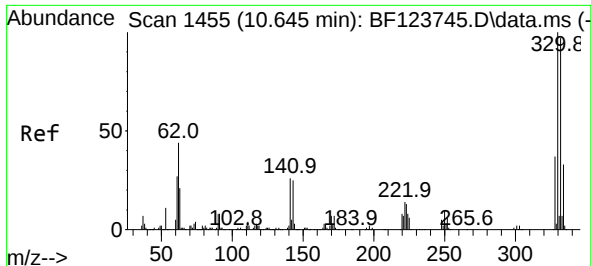
Tgt Ion:122 Resp: 151
Ion Ratio Lower Upper
122 100
105 71.8 107.8 147.8#
77 147.8 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

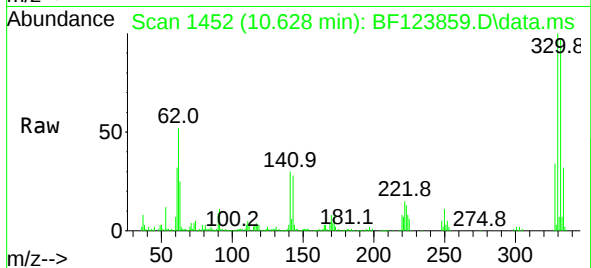
Tgt Ion:164 Resp: 317834
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 47.6 37.3 55.9



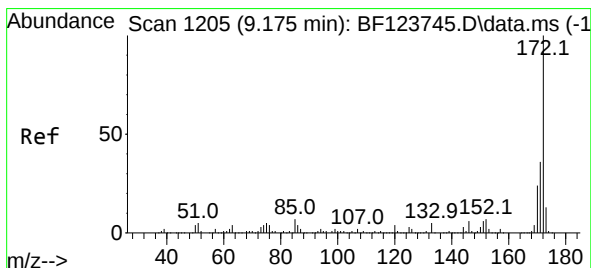
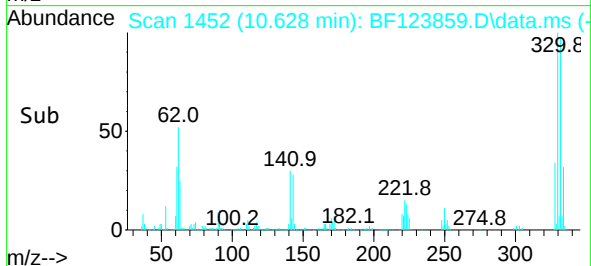
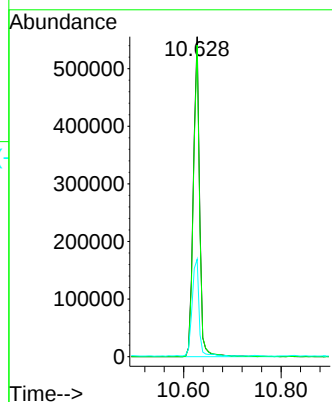


#42
2,4,6-Tribromophenol
Concen: 125.28 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

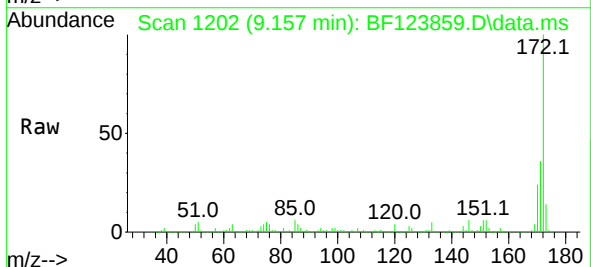
Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW



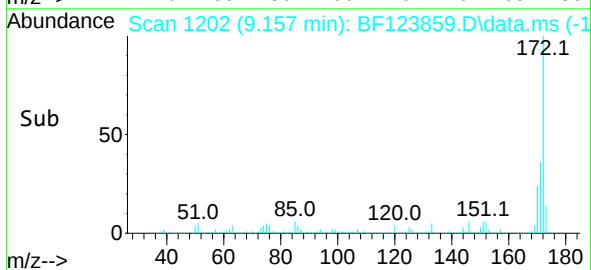
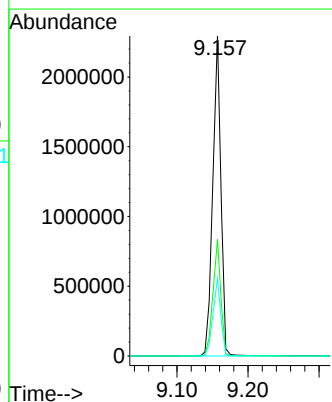
Tgt Ion:330 Resp: 495680
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 33.1 27.9 41.9

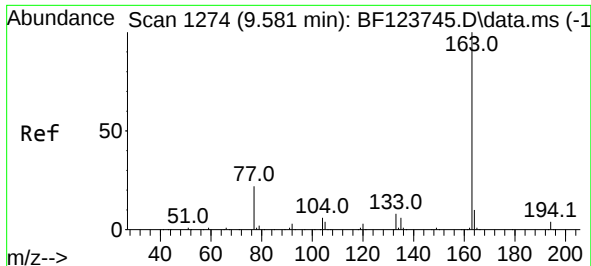


#45
2-Fluorobiphenyl
Concen: 84.10 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32



Tgt Ion:172 Resp: 1835389
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 24.2 19.2 28.8

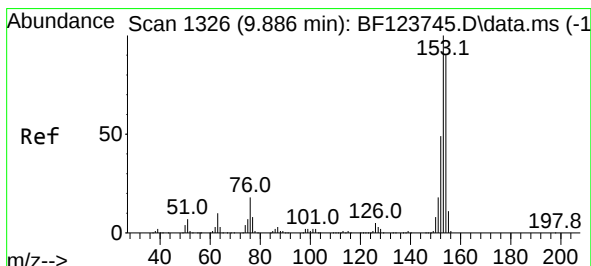
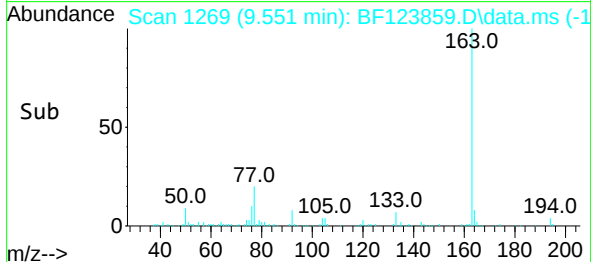
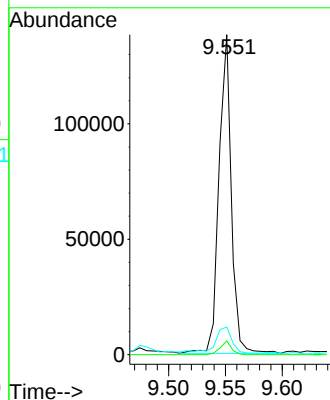
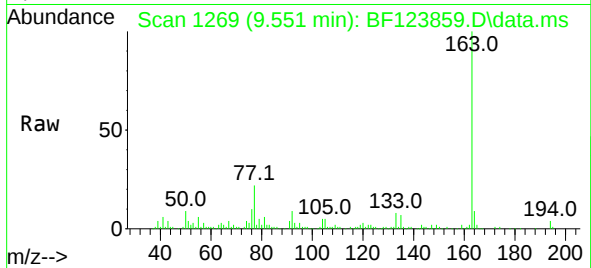




#50
Dimethylphthalate
Concen: 4.68 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

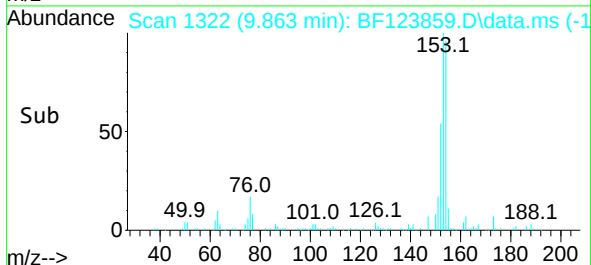
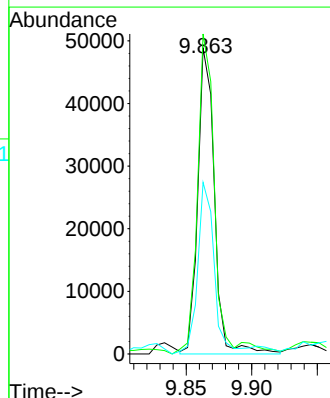
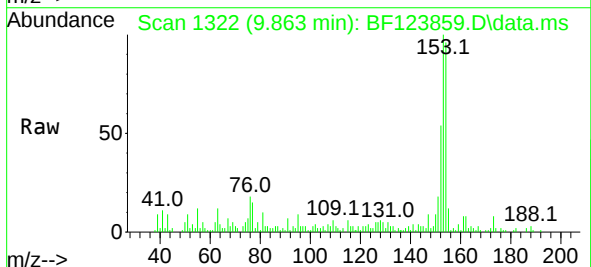
Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

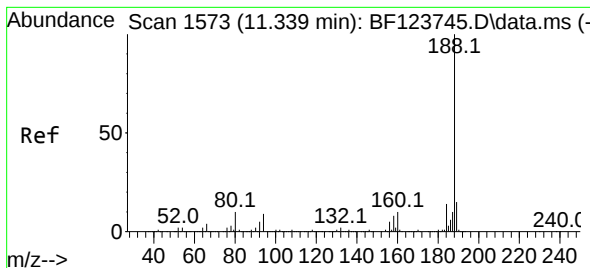
Tgt Ion:163 Resp: 104756
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 8.6 8.2 12.2



#52
Acenaphthene
Concen: 2.24 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

Tgt Ion:154 Resp: 43245
Ion Ratio Lower Upper
154 100
153 104.6 88.1 132.1
152 56.1 43.4 65.0

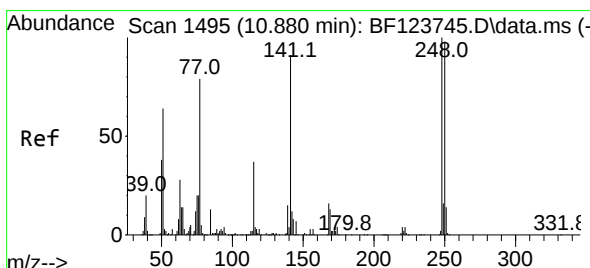
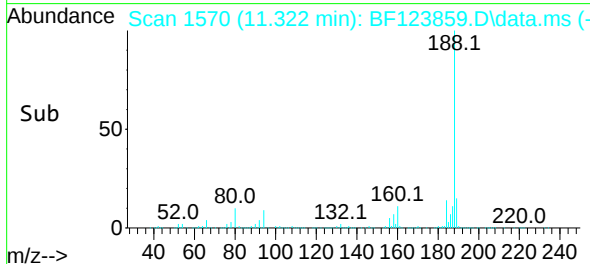
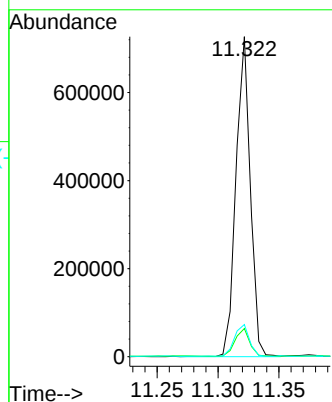
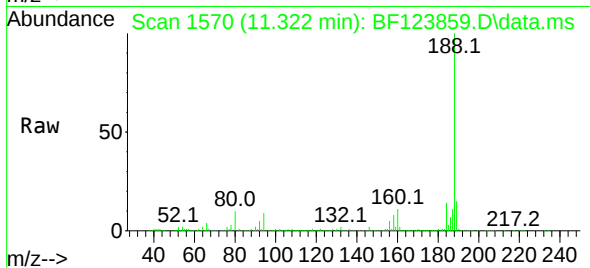




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

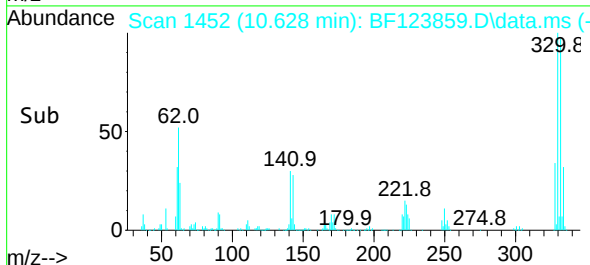
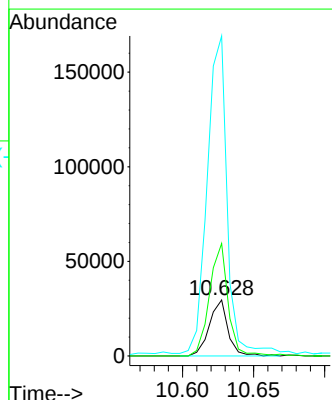
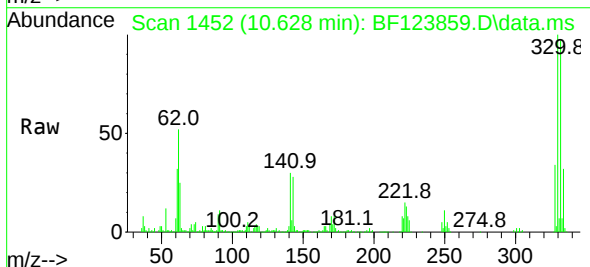
Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

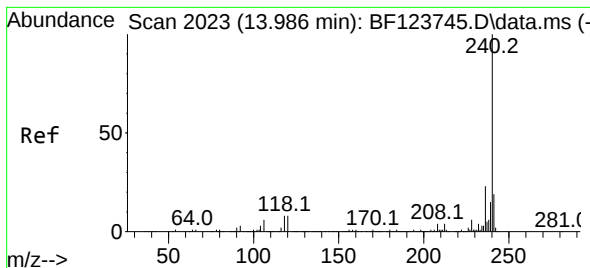
Tgt Ion:188 Resp: 593290
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 10.1 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

Tgt Ion:248 Resp: 27184
Ion Ratio Lower Upper
248 100
250 200.9 77.4 116.2#
141 571.3 63.7 95.5#

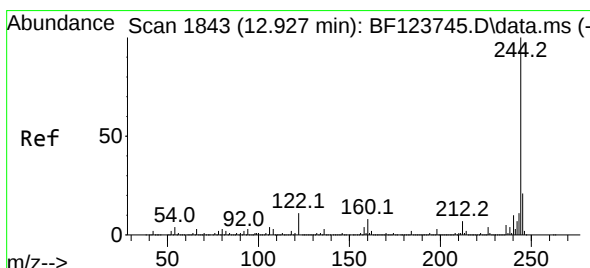
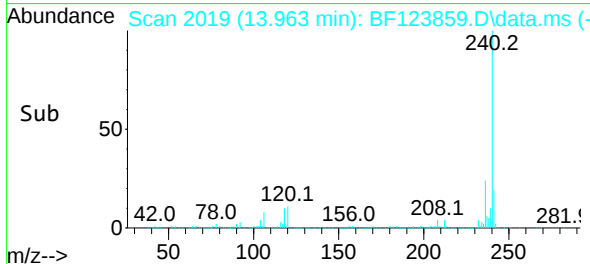
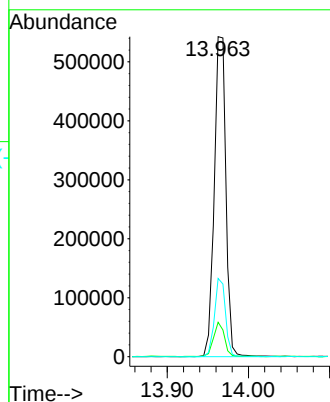
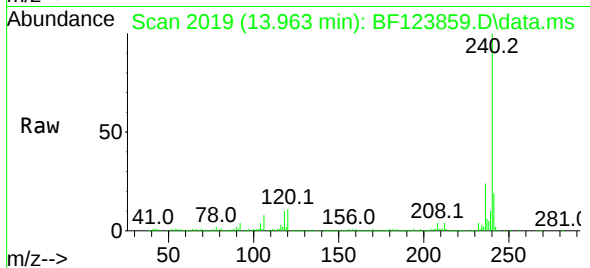




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

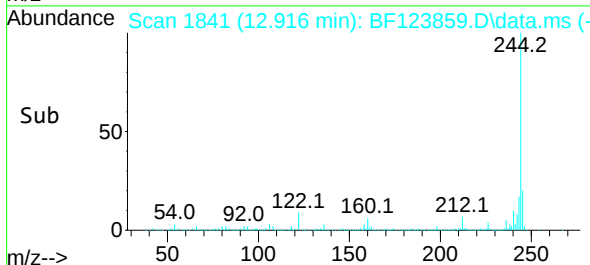
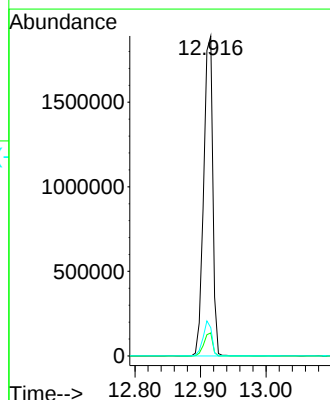
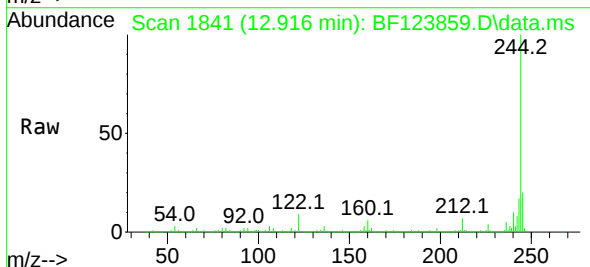
Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

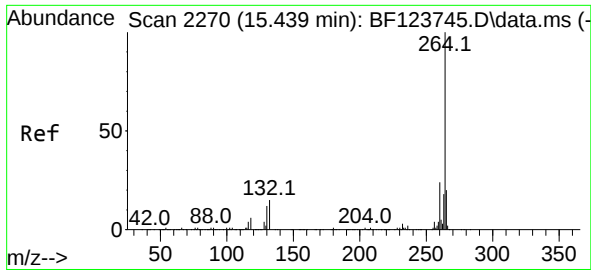
Tgt Ion:240 Resp: 539602
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8
236 24.5 19.0 28.4



#79
Terphenyl-d14
Concen: 65.14 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123859.D
Acq: 6 May 2021 17:32

Tgt Ion:244 Resp: 1825294
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 8.9 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: BF123859.D
Acq: 6 May 2021 17:32

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:	264	Resp:	450067
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.7	28.1
265	21.7	17.8	26.8

