

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123862.D
 Acq On : 6 May 2021 19:08
 Operator : JU/CG
 Sample : M2304-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Quant Time: May 07 01:03:06 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)

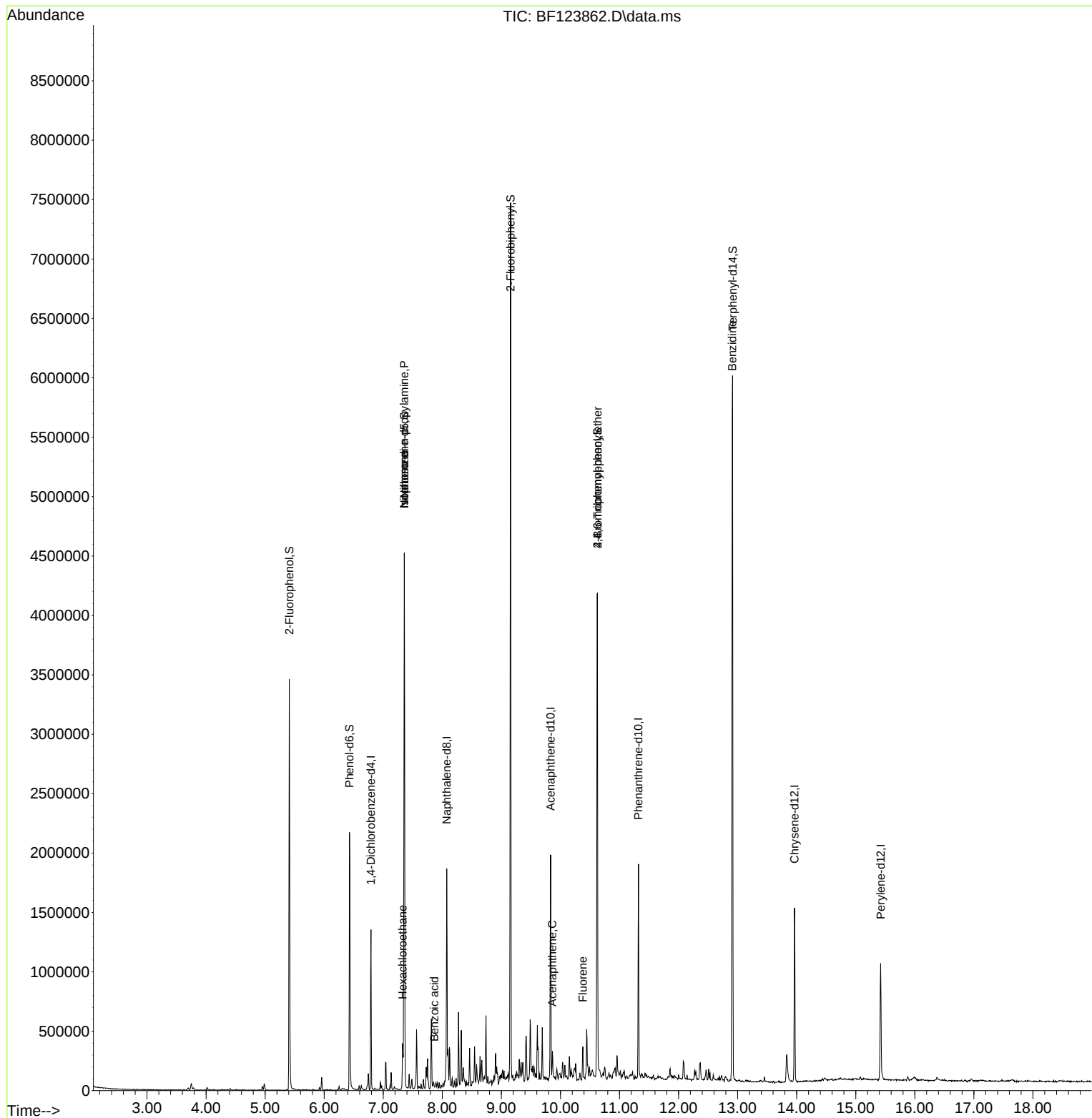
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	168400	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	633524	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	315622	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	604843	20.00	ng	0.00
76) Chrysene-d12	13.963	240	529501	20.00	ng	-0.01
86) Perylene-d12	15.421	264	443404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	742423	69.84	ng	0.00
7) Phenol-d6	6.428	99	610348	41.68	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1301305	92.73	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	534815	136.12	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2003125	92.43	ng	0.00
79) Terphenyl-d14	12.916	244	2052928	74.66	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.328	117	49859	10.78	ng	# 54
19) n-Nitroso-di-n-propyla...	7.357	70	179386	19.84	ng	# 72
25) Isophorone	7.357	82	1304210	49.56	ng	# 69
32) Benzoic acid	7.863	122	109	5.40	ng	# 13
52) Acenaphthene	9.863	154	41423	2.16	ng	98
58) Fluorene	10.380	166	62352	2.80	ng	97
67) 4-Bromophenyl-phenylether	10.627	248	29348	4.61	ng	# 1
77) Benzidine	12.910	184	29331	2.14	ng	# 94

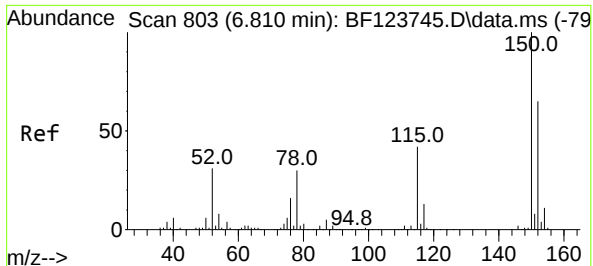
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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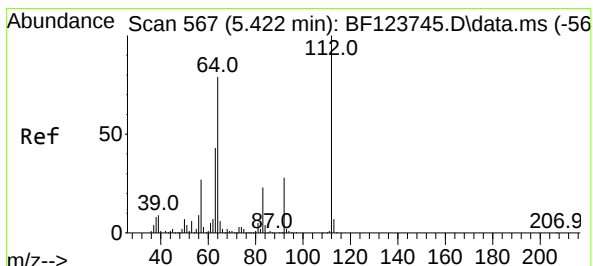
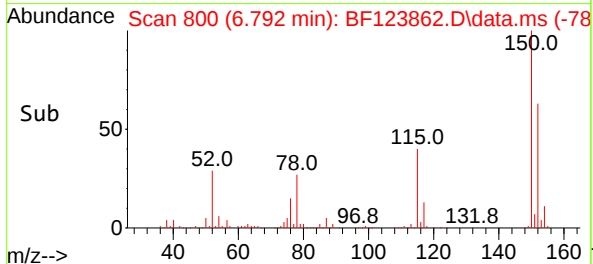
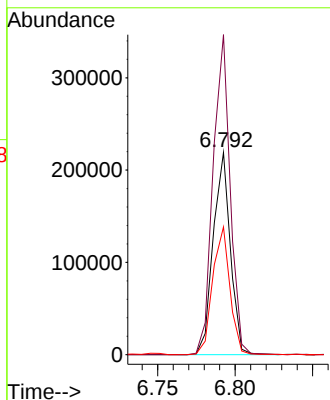
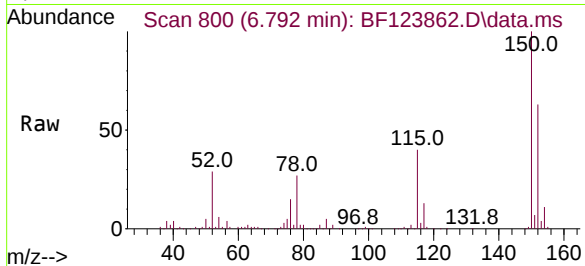




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

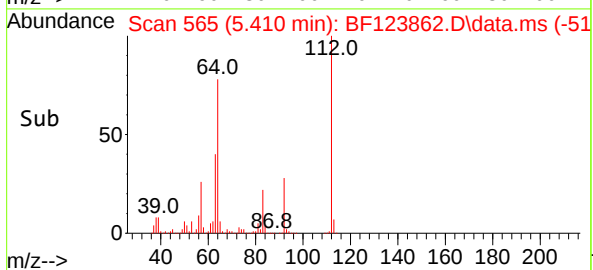
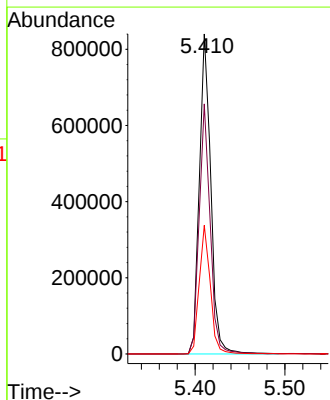
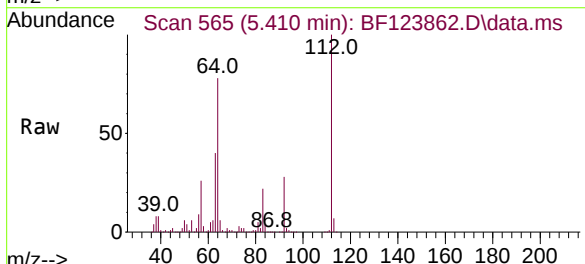
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

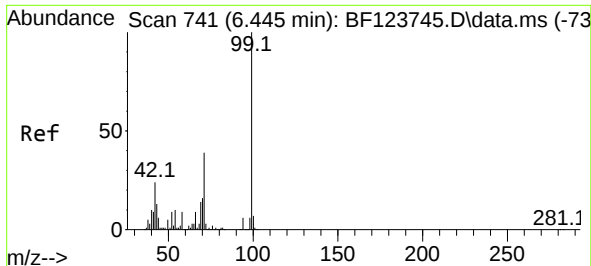
Tgt Ion:152 Resp: 168400
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 63.1 54.3 81.5



#5
2-Fluorophenol
Concen: 69.84 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion:112 Resp: 742423
Ion Ratio Lower Upper
112 100
64 78.2 61.4 92.0
63 40.2 33.0 49.4

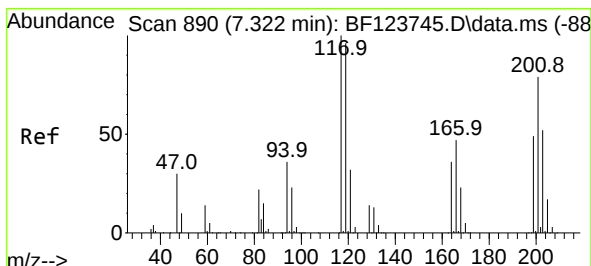
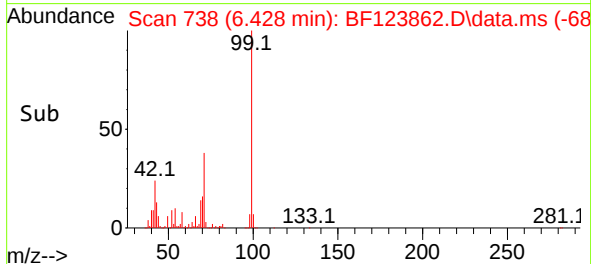
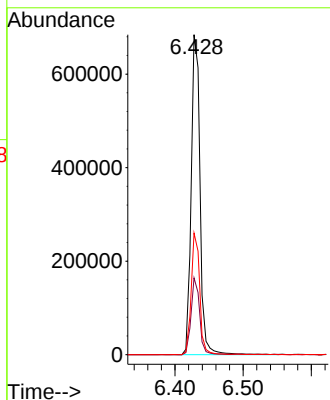
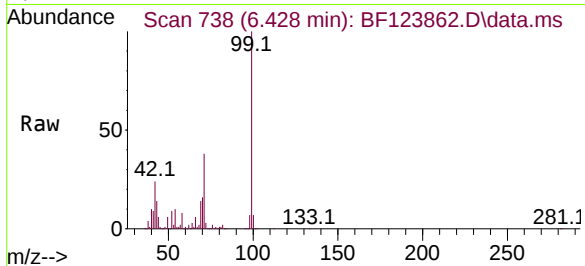




#7
Phenol-d6
Concen: 41.68 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

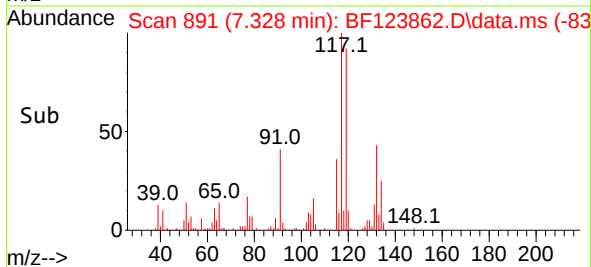
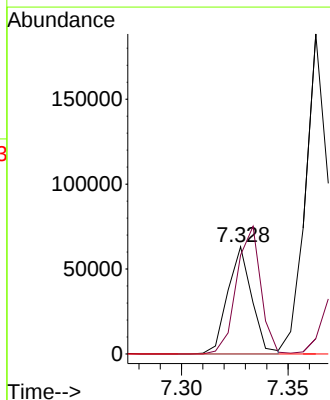
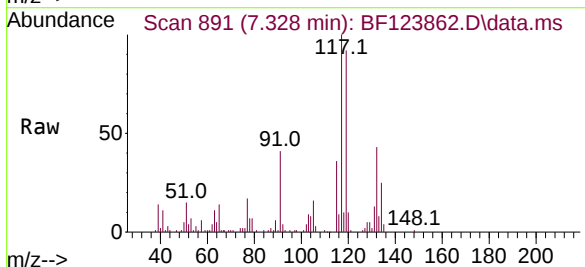
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

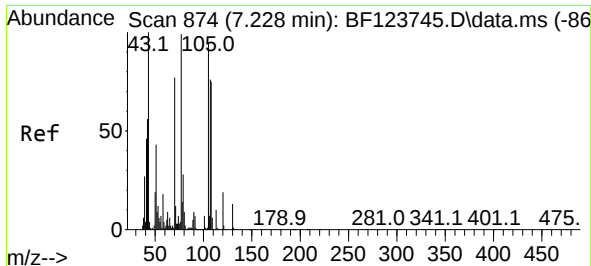
Tgt Ion: 99 Resp: 610348
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.8
71 38.0 31.1 46.7



#18
Hexachloroethane
Concen: 10.78 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.018 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion: 117 Resp: 49859
Ion Ratio Lower Upper
117 100
119 92.2 77.8 116.8
201 0.0 67.8 101.8#

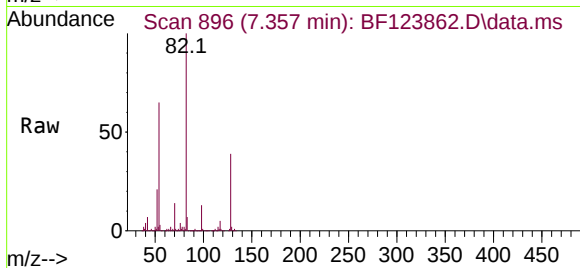




#19

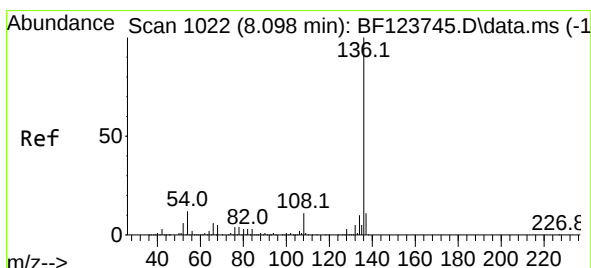
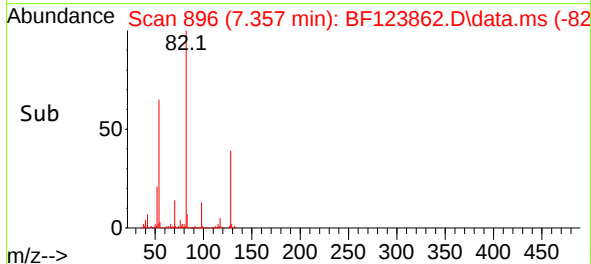
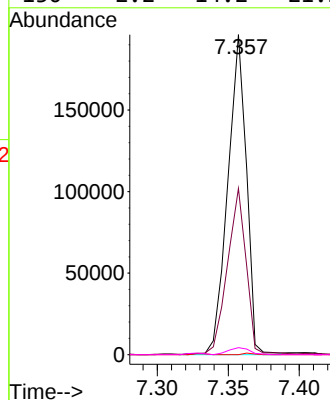
n-Nitroso-di-n-propylamine
Concen: 19.84 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW



Tgt Ion: 70 Resp: 179386

Ion	Ratio	Lower	Upper
70	100		
42	52.0	60.1	90.1#
101	0.0	7.4	11.2#
130	2.2	14.2	21.2#

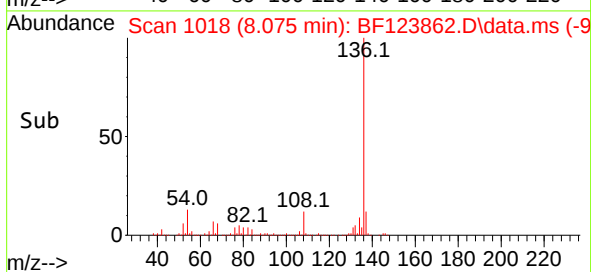
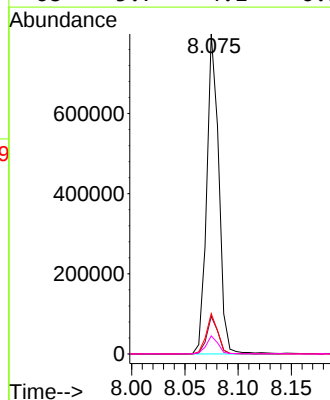
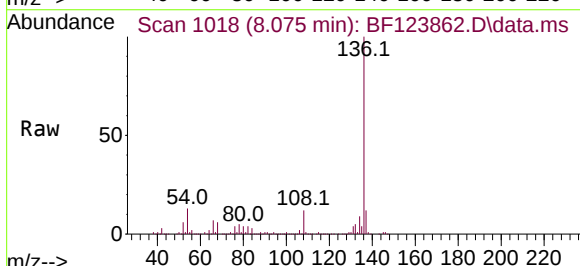


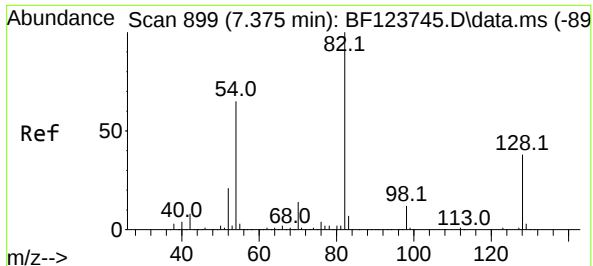
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion: 136 Resp: 633524

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	12.6	9.8	14.6
68	5.7	4.1	6.1





#23

Nitrobenzene-d5

Concen: 92.73 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF123862.D

Acq: 6 May 2021 19:08

Tgt Ion: 82 Resp: 1301305

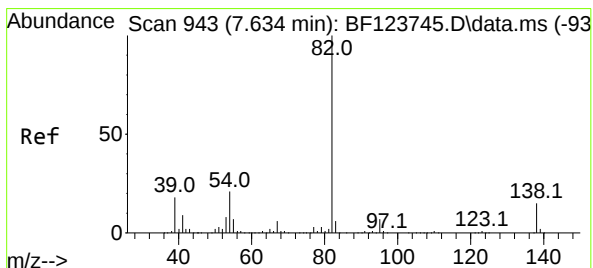
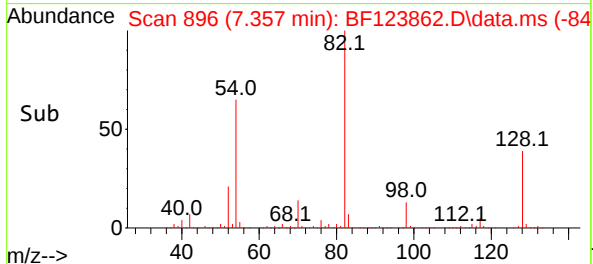
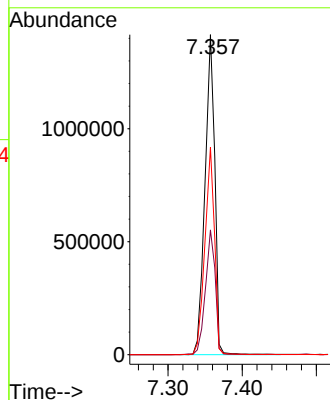
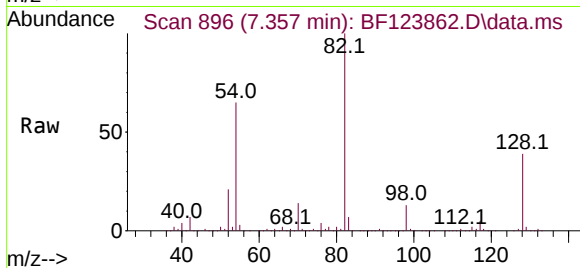
Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.4	44.2
54	64.8	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW



#25

Isophorone

Concen: 49.56 ng

RT: 7.357 min Scan# 896

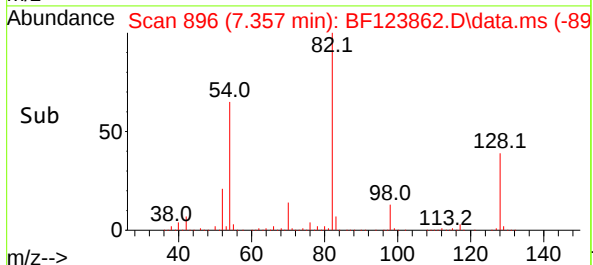
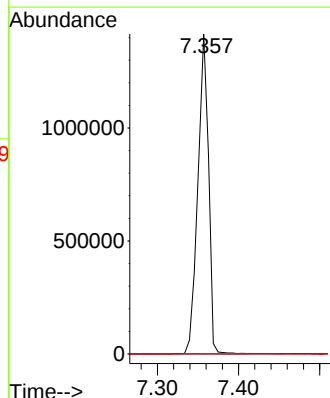
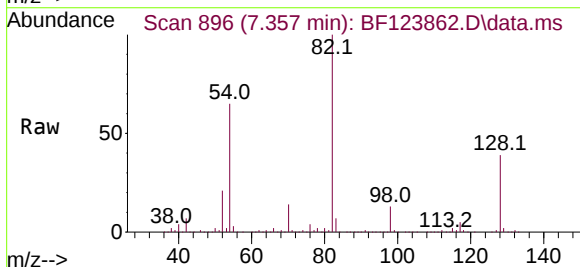
Delta R.T. -0.265 min

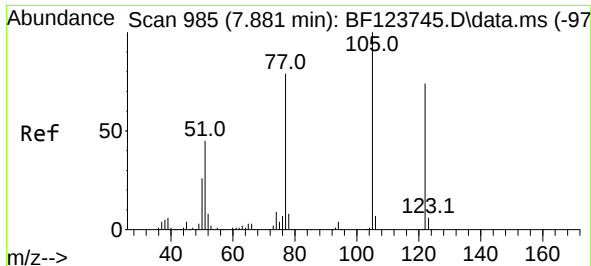
Lab File: BF123862.D

Acq: 6 May 2021 19:08

Tgt Ion: 82 Resp: 1304210

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

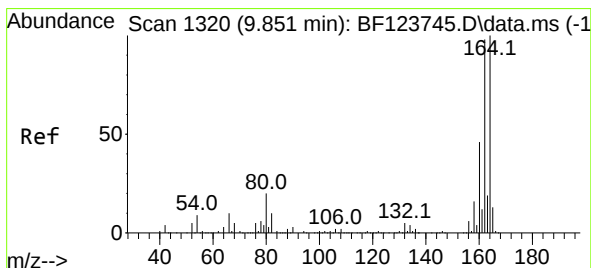
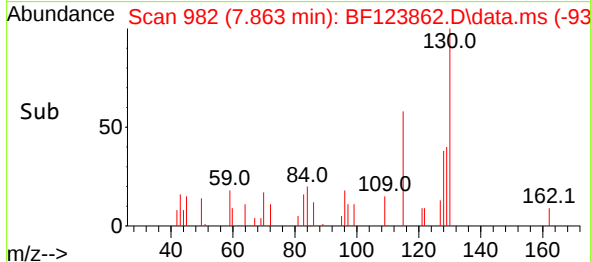
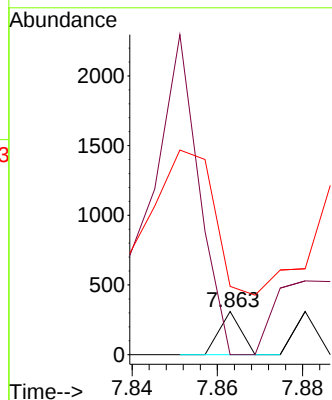
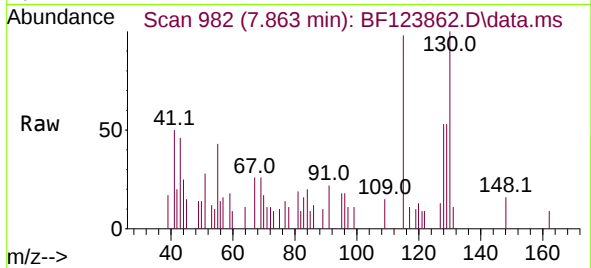




#32
Benzoic acid
Concen: 5.40 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

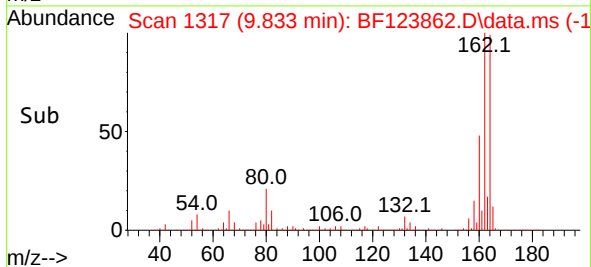
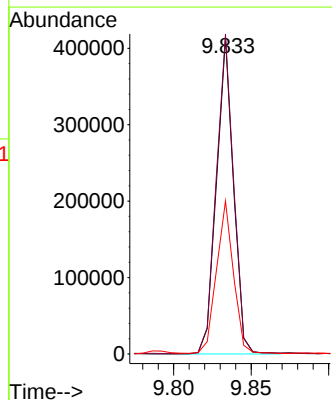
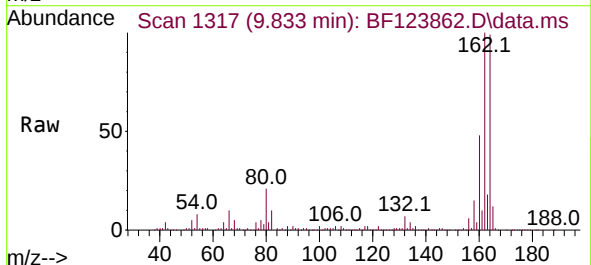
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

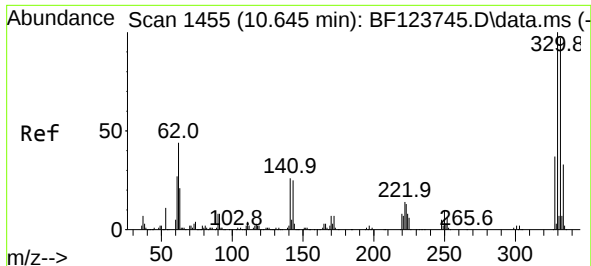
Tgt Ion:122 Resp: 109
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 158.1 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion:164 Resp: 315622
Ion Ratio Lower Upper
164 100
162 101.2 80.7 121.1
160 48.4 37.3 55.9

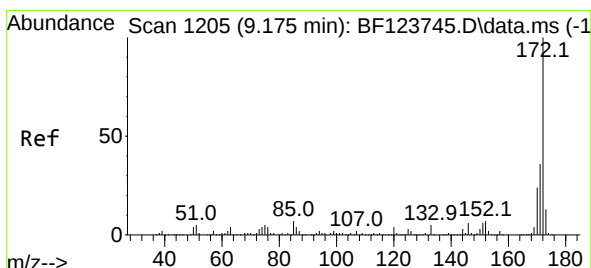
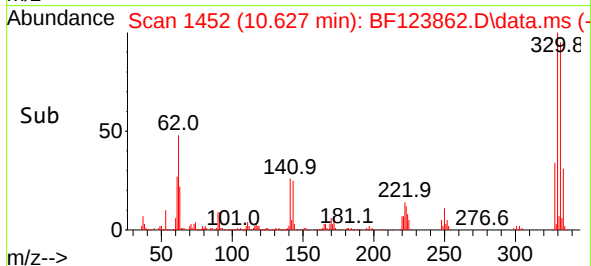
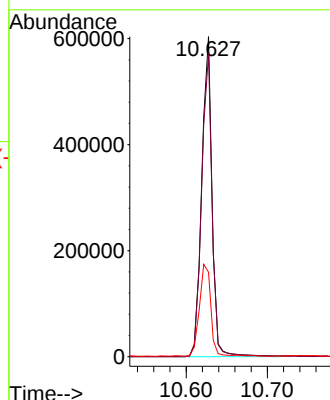
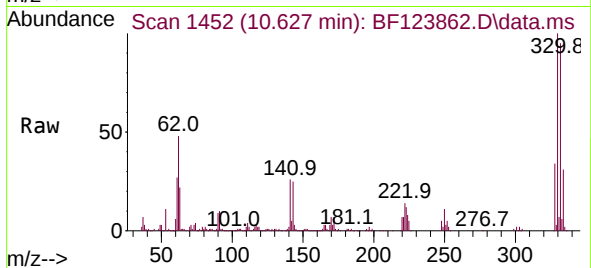




#42
2,4,6-Tribromophenol
Concen: 136.12 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

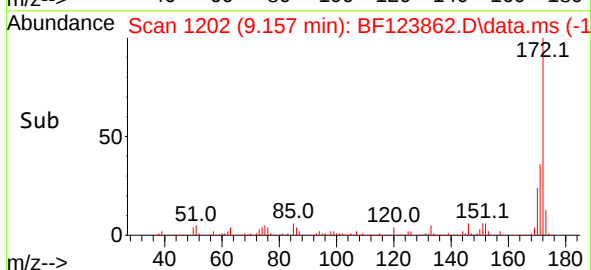
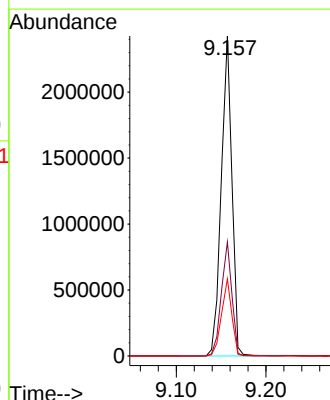
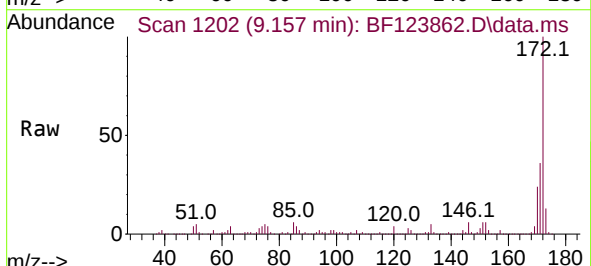
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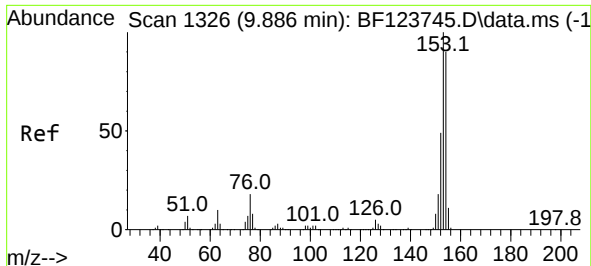
Tgt Ion: 330 Resp: 534815
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 32.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 92.43 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion: 172 Resp: 2003125
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.1 19.2 28.8

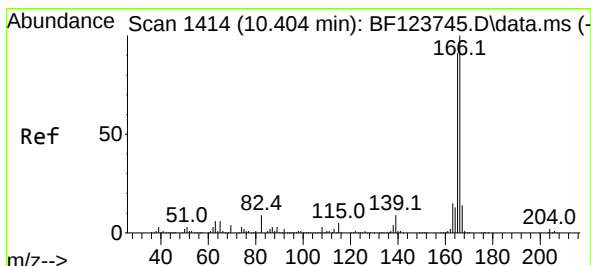
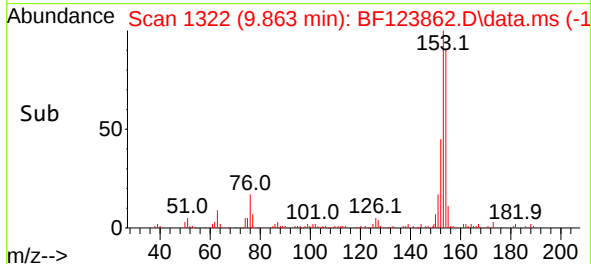
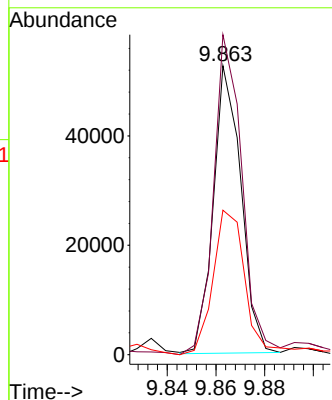
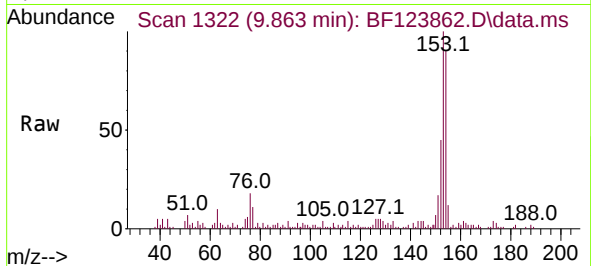




#52
Acenaphthene
Concen: 2.16 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

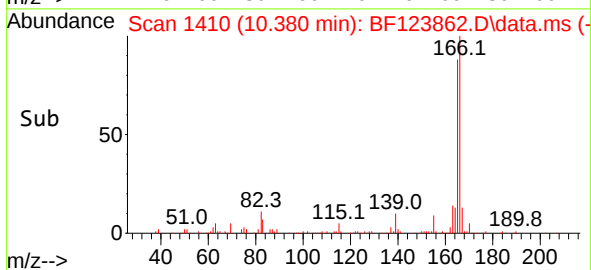
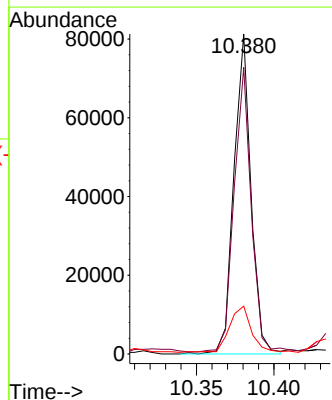
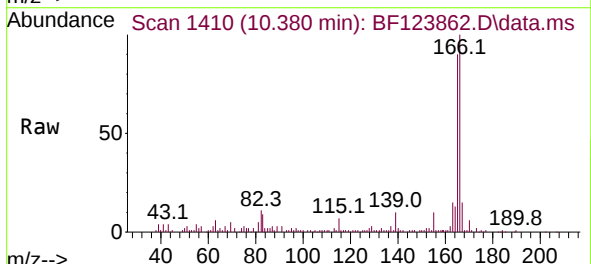
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

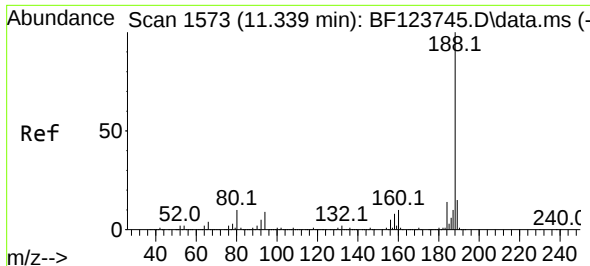
Tgt Ion:154 Resp: 41423
Ion Ratio Lower Upper
154 100
153 110.7 88.1 132.1
152 50.0 43.4 65.0



#58
Fluorene
Concen: 2.80 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion:166 Resp: 62352
Ion Ratio Lower Upper
166 100
165 89.5 73.5 110.3
167 14.9 10.7 16.1

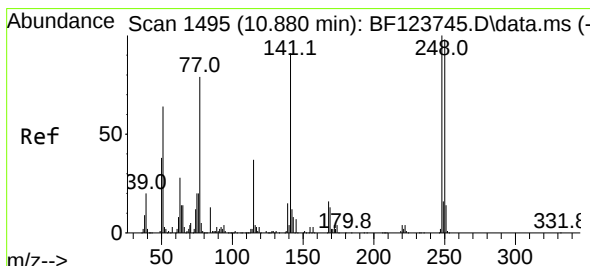
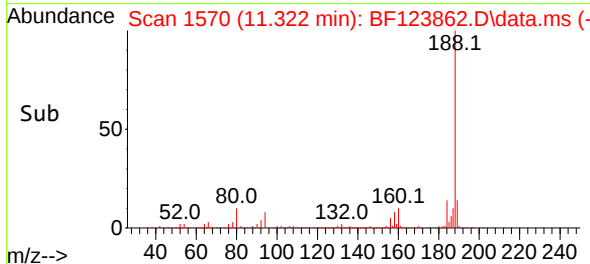
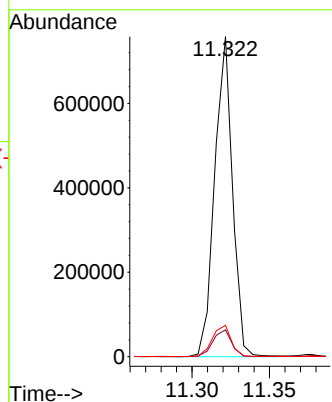
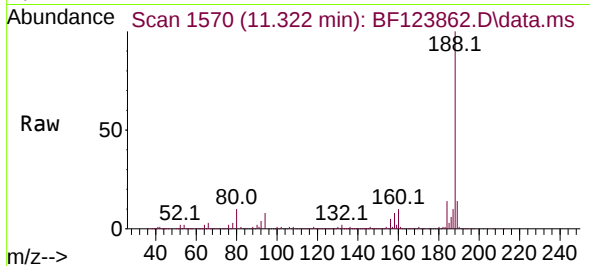




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

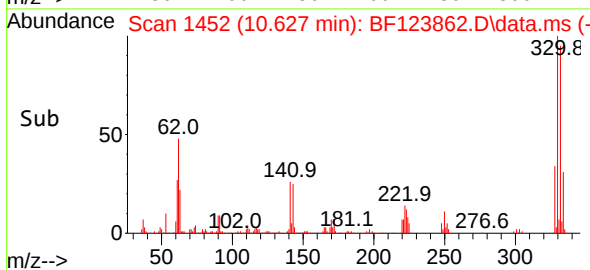
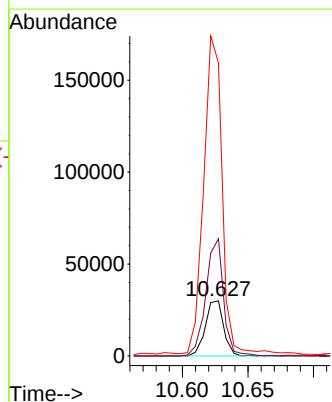
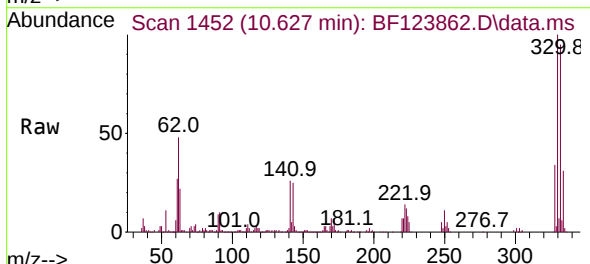
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

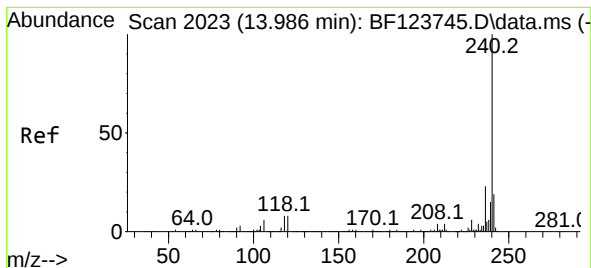
Tgt Ion:188 Resp: 604843
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.61 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion:248 Resp: 29348
Ion Ratio Lower Upper
248 100
250 212.9 77.4 116.2#
141 532.4 63.7 95.5#

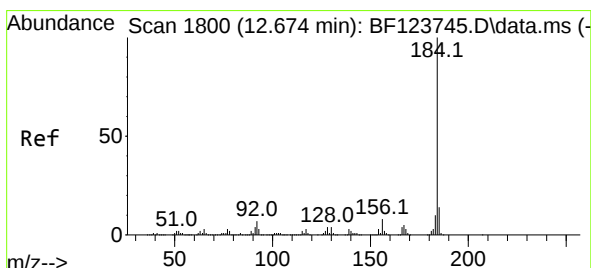
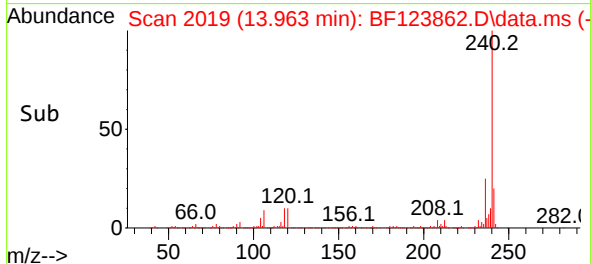
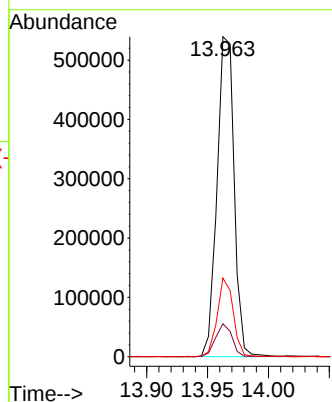
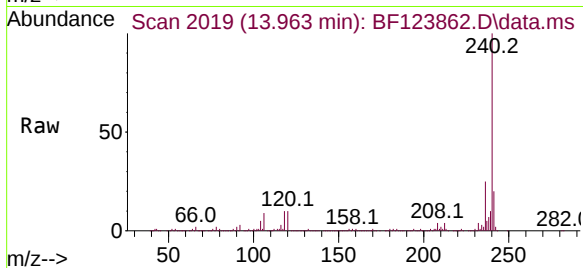




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

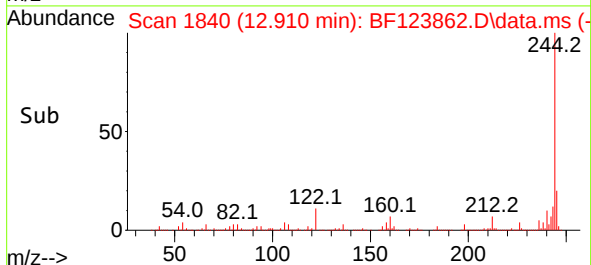
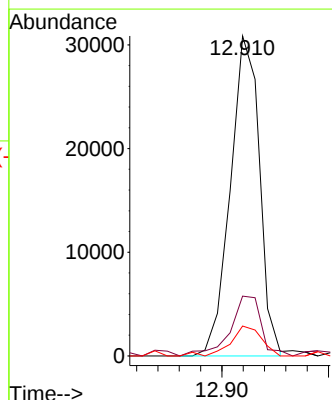
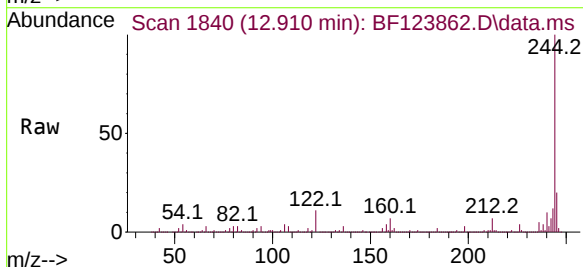
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

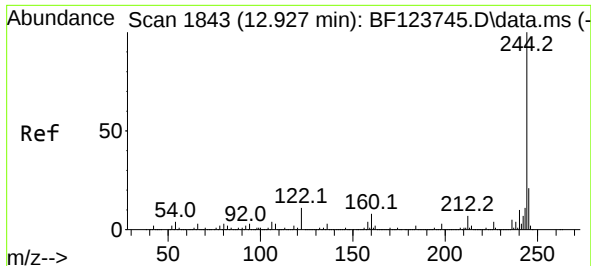
Tgt Ion:240 Resp: 529501
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 24.6 19.0 28.4



#77
Benzidine
Concen: 2.14 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion:184 Resp: 29331
Ion Ratio Lower Upper
184 100
185 18.7 12.1 18.1#
183 9.4 7.8 11.8

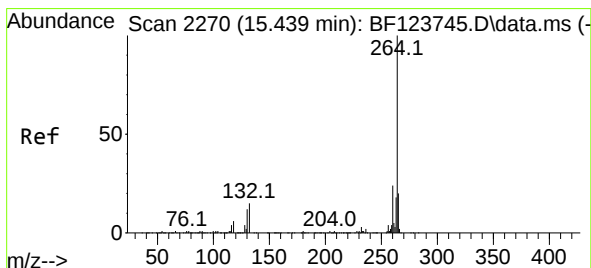
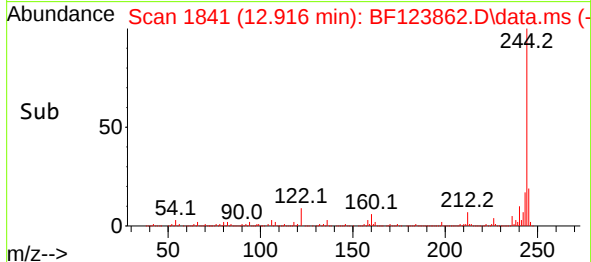
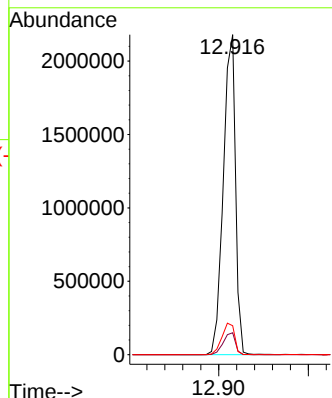
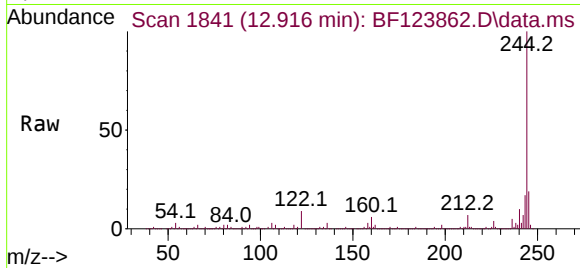




#79
Terphenyl-d14
Concen: 74.66 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123862.D
Acq: 6 May 2021 19:08

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion:244 Resp: 2052928
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.1 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: BF123862.D
Acq: 6 May 2021 19:08

Tgt Ion:264 Resp: 443404
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 20.1 17.8 26.8

