

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123860.D
 Acq On : 6 May 2021 18:04
 Operator : JU/CG
 Sample : M2304-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

Quant Time: May 06 18:31:32 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)

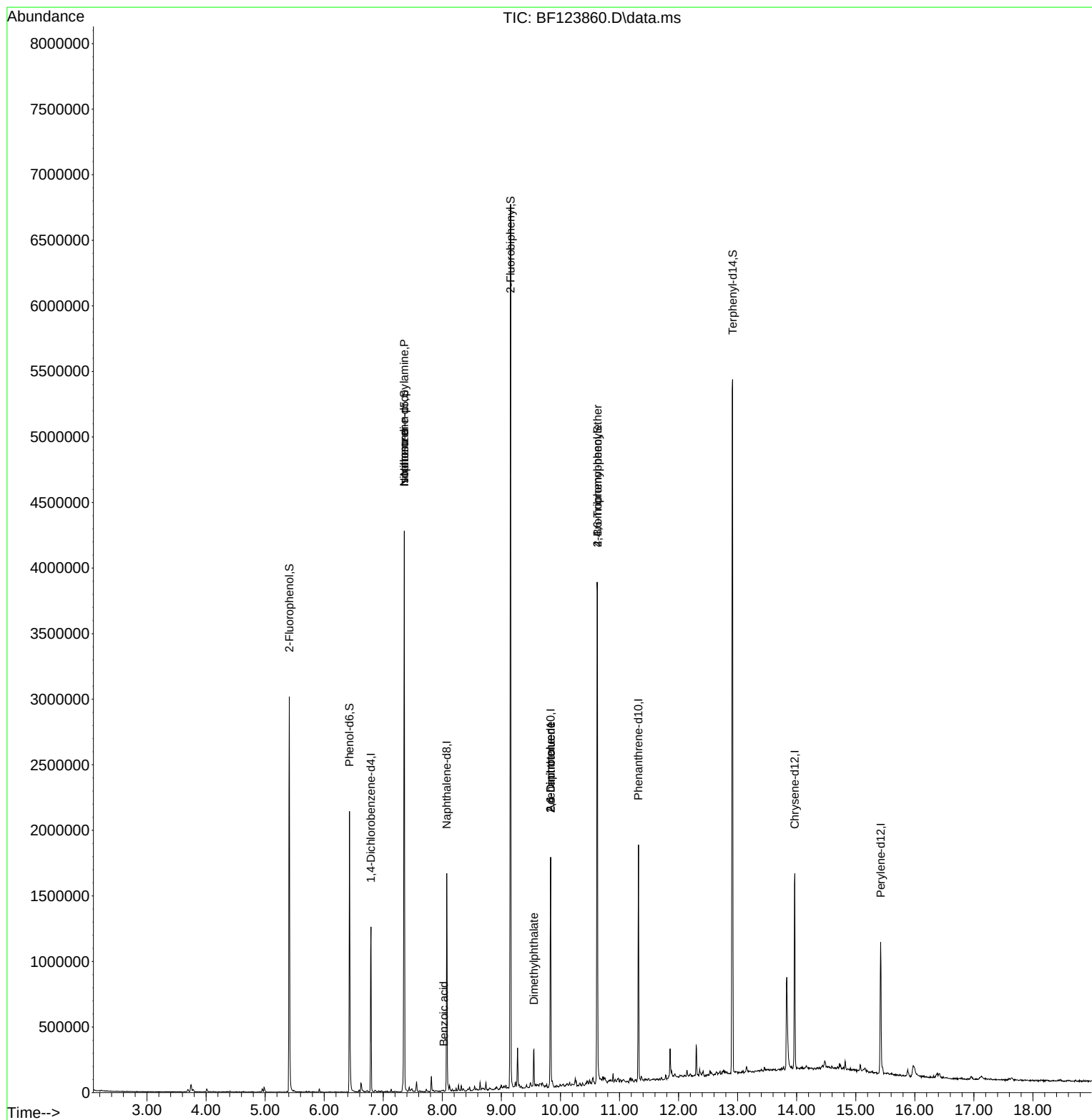
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	170524	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	627797	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	311079	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	587745	20.00	ng	0.00
76) Chrysene-d12	13.968	240	541534	20.00	ng	0.00
86) Perylene-d12	15.421	264	447271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	686663	63.79	ng	0.00
7) Phenol-d6	6.428	99	550903	37.15	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1208337	86.89	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	491789	126.99	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1861157	87.13	ng	0.00
79) Terphenyl-d14	12.916	244	1891816	67.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	163710	17.88	ng	Qvalue # 74
25) Isophorone	7.357	82	1208322	46.34	ng	# 69
32) Benzoic acid	8.028	122	124	5.41	ng	# 1
50) Dimethylphthalate	9.551	163	107282	4.90	ng	99
51) 2,6-Dinitrotoluene	9.833	165	42495	8.39	ng	# 11
57) 2,4-Dinitrotoluene	9.833	165	42495	6.15	ng	# 16
67) 4-Bromophenyl-phenylether	10.627	248	28136	4.55	ng	# 1

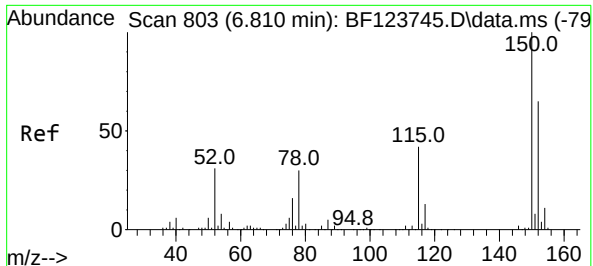
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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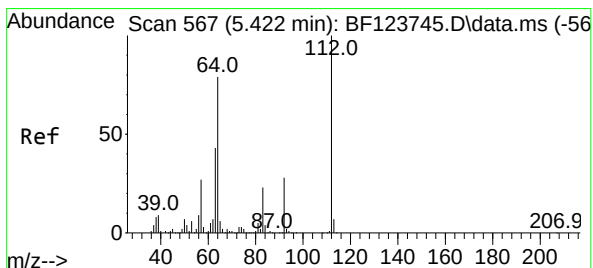
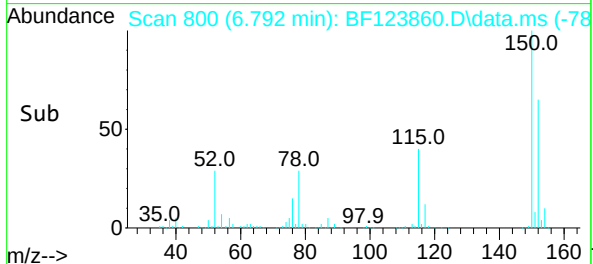
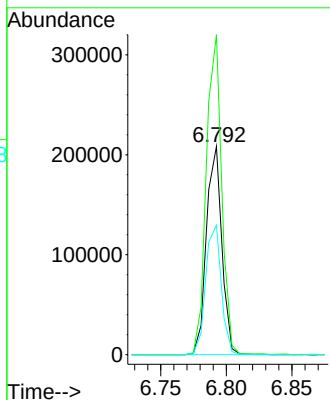
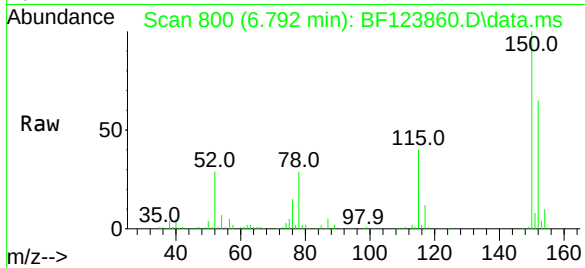




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

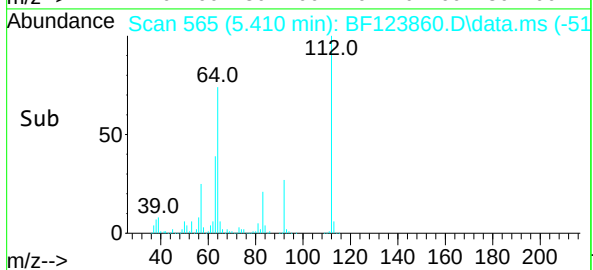
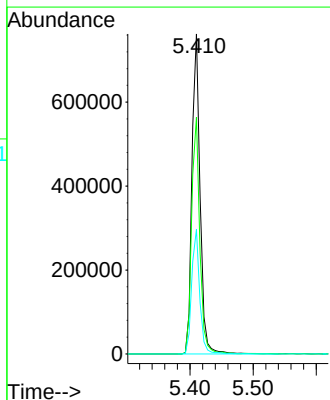
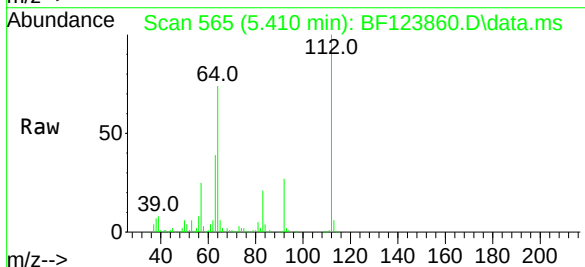
Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

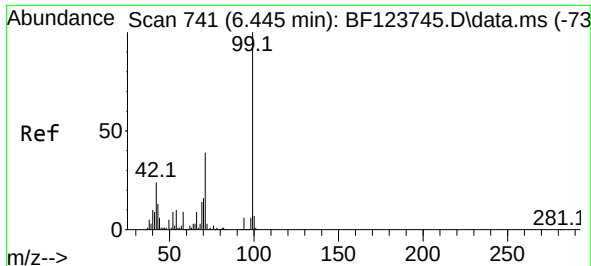
Tgt Ion:152 Resp: 170524
Ion Ratio Lower Upper
152 100
150 153.6 127.0 190.6
115 62.2 54.3 81.5



#5
2-Fluorophenol
Concen: 63.79 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

Tgt Ion:112 Resp: 686663
Ion Ratio Lower Upper
112 100
64 73.9 61.4 92.0
63 38.9 33.0 49.4

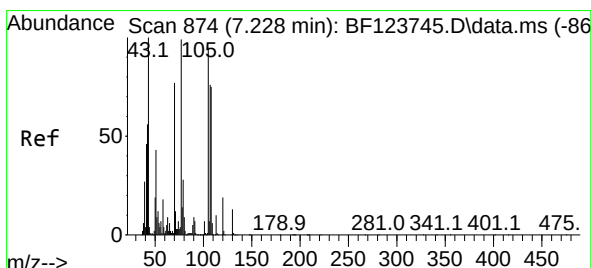
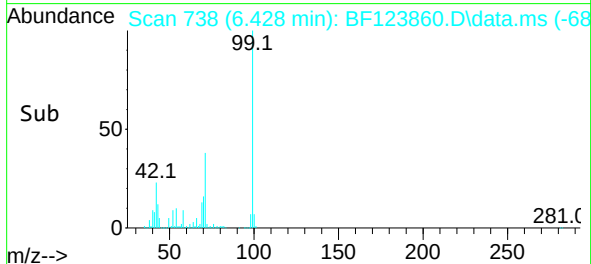
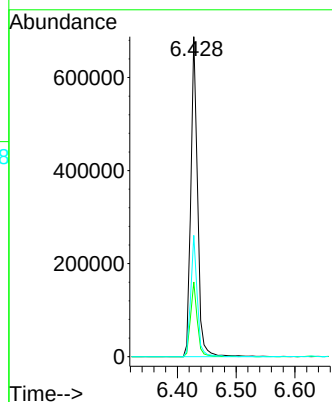
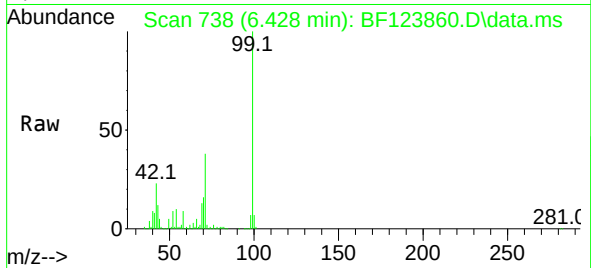




#7
Phenol-d6
Concen: 37.15 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

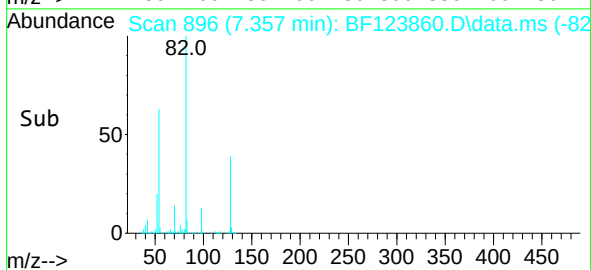
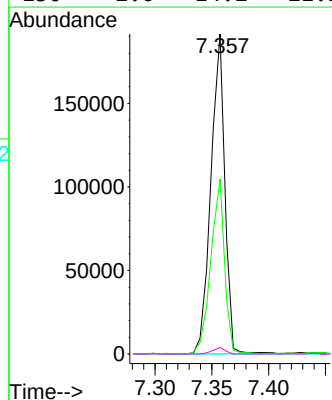
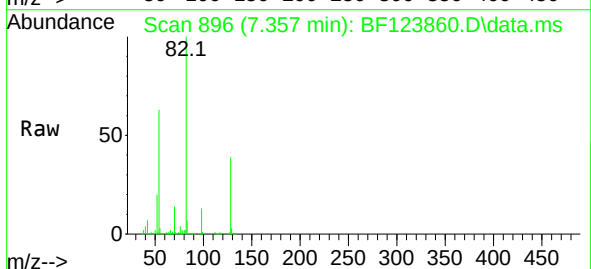
Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

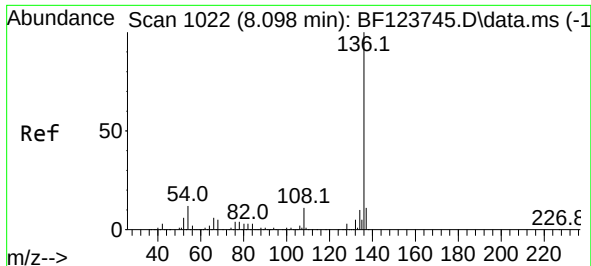
Tgt Ion: 99 Resp: 550903
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.8
71 37.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.88 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

Tgt Ion: 70 Resp: 163710
Ion Ratio Lower Upper
70 100
42 54.7 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#



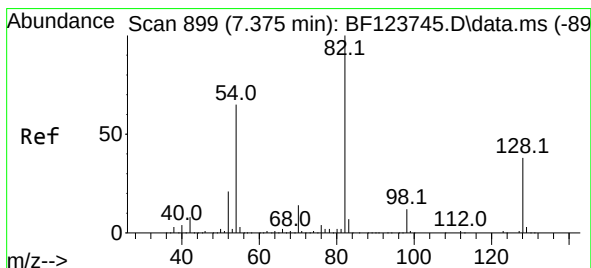
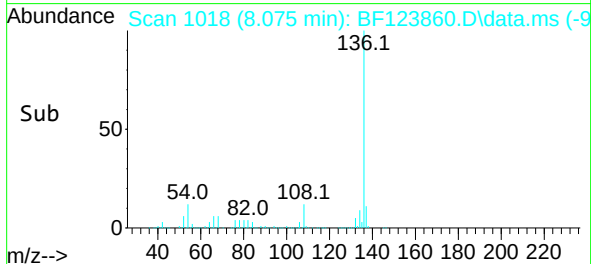
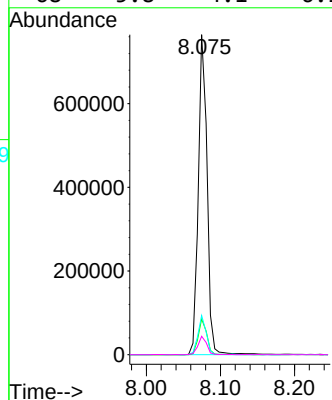
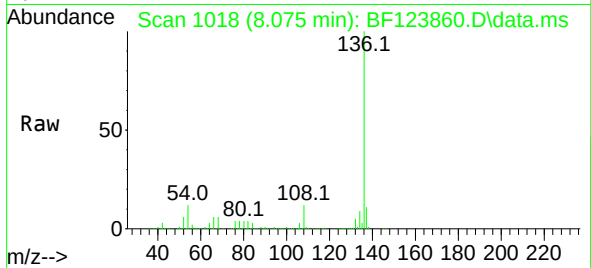


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

Tgt Ion:136 Resp: 627797

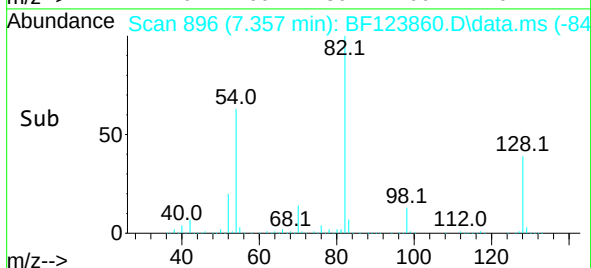
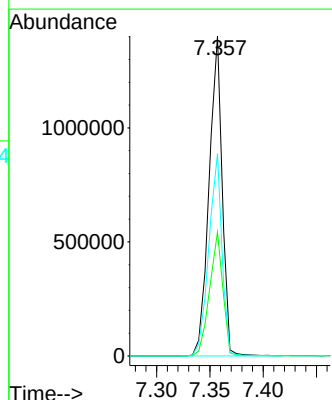
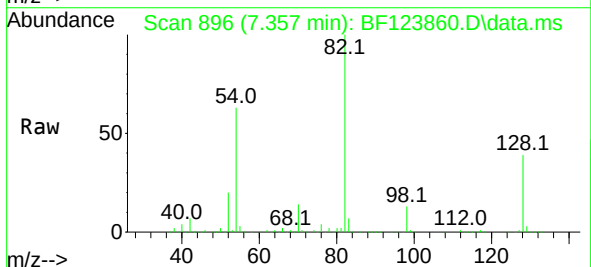
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	12.3	9.8	14.6
68	5.8	4.1	6.1

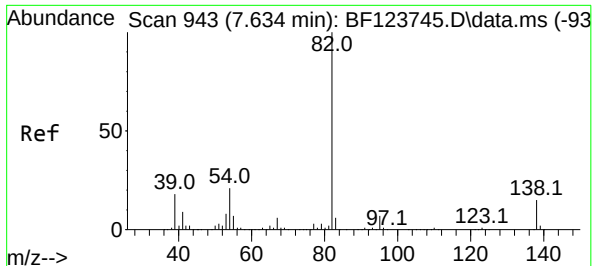


#23
Nitrobenzene-d5
Concen: 86.89 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

Tgt Ion: 82 Resp: 1208337

Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.4	44.2
54	63.2	54.1	81.1

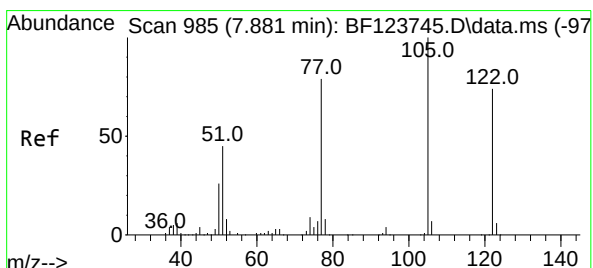
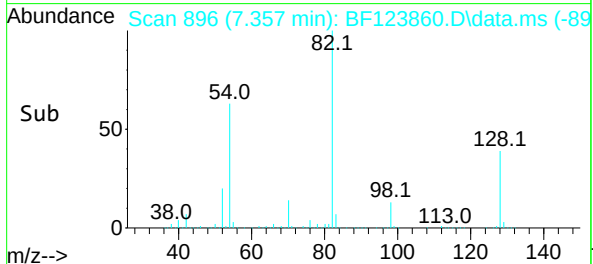
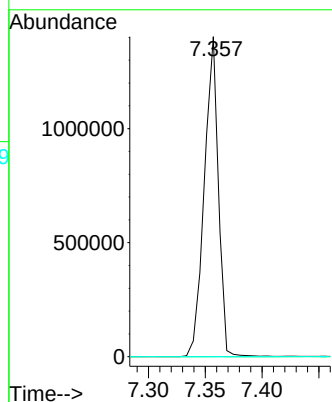
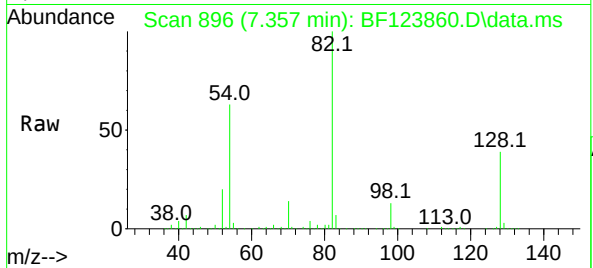




#25
Isophorone
Concen: 46.34 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

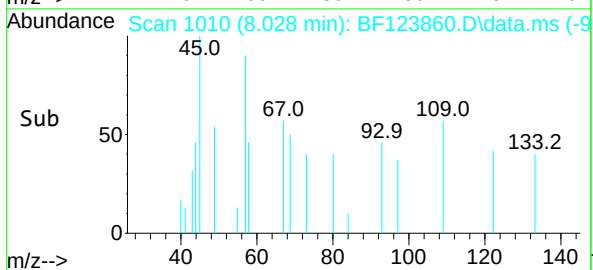
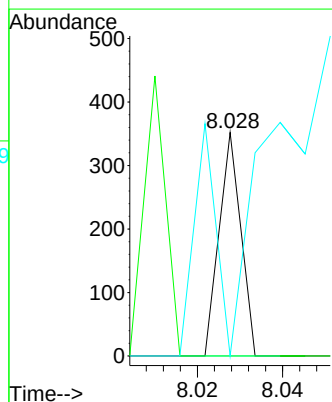
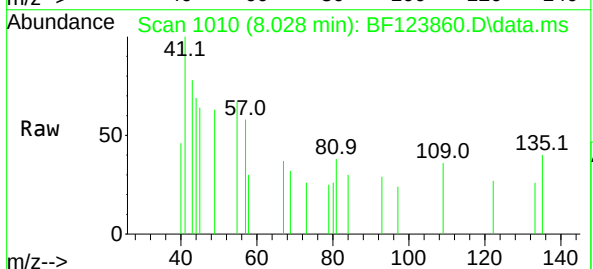
Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

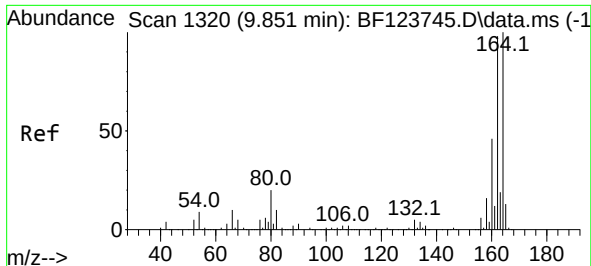
Tgt Ion: 82 Resp: 1208322
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.41 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.153 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

Tgt Ion:122 Resp: 124
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 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: BF123860.D

Acq: 6 May 2021 18:04

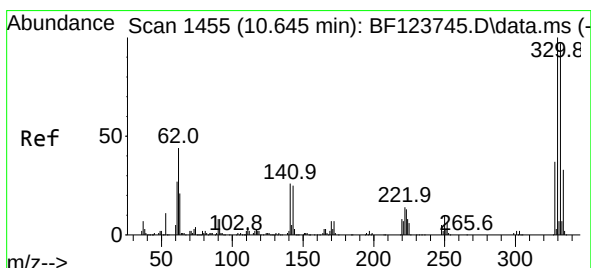
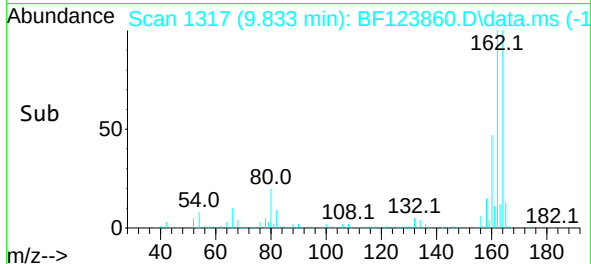
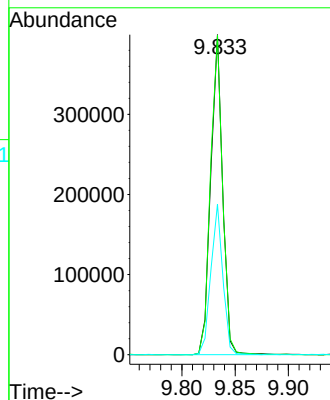
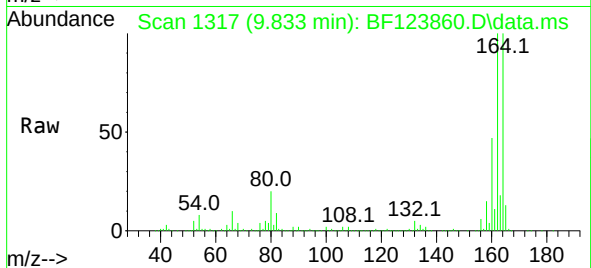
Tgt Ion:164 Resp: 311079

Ion Ratio Lower Upper

164 100

162 99.8 80.7 121.1

160 47.0 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 126.99 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF123860.D

Acq: 6 May 2021 18:04

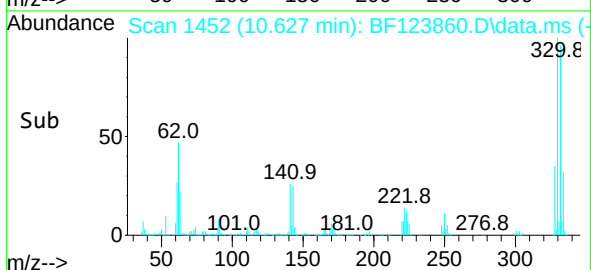
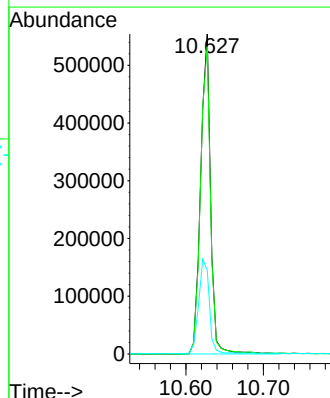
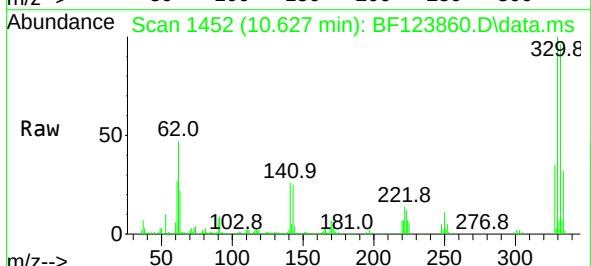
Tgt Ion:330 Resp: 491789

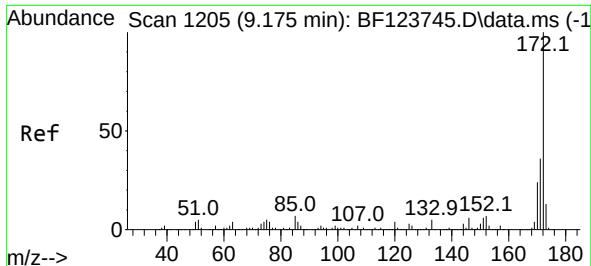
Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 31.7 27.9 41.9

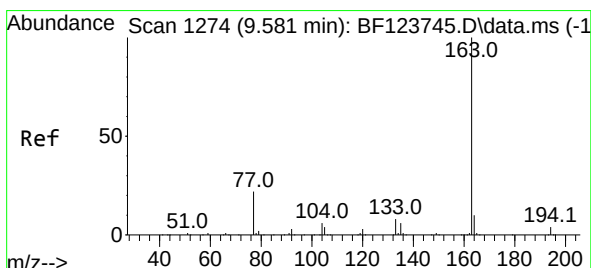
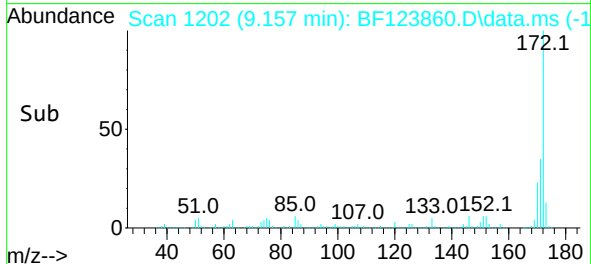
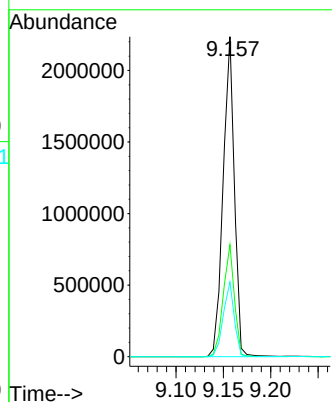
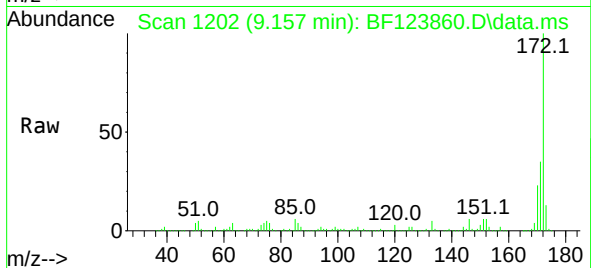




#45
2-Fluorobiphenyl
Concen: 87.13 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

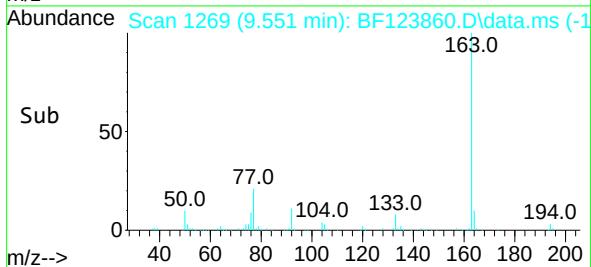
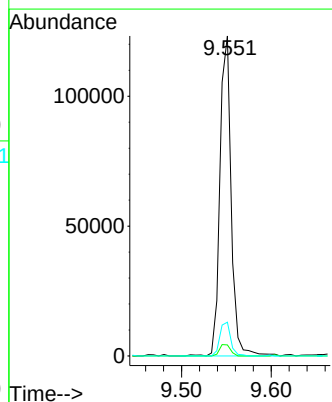
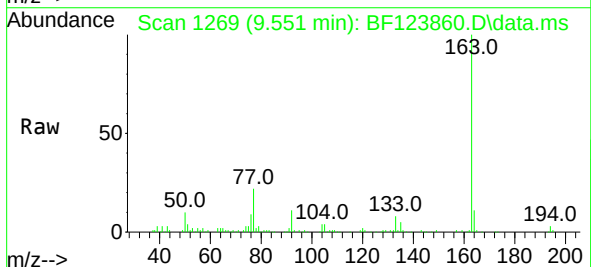
Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

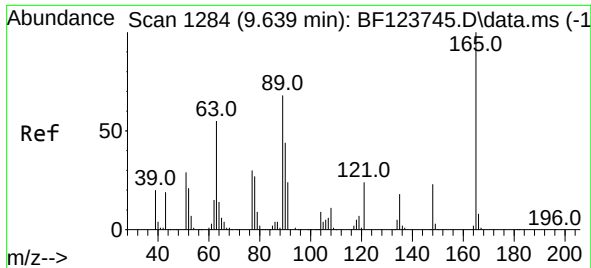
Tgt Ion:172 Resp: 1861157
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.3 19.2 28.8



#50
Dimethylphthalate
Concen: 4.90 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

Tgt Ion:163 Resp: 107282
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.6 8.2 12.2

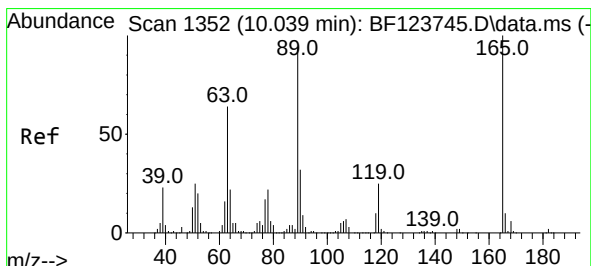
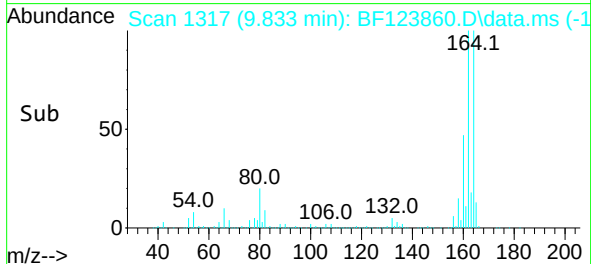
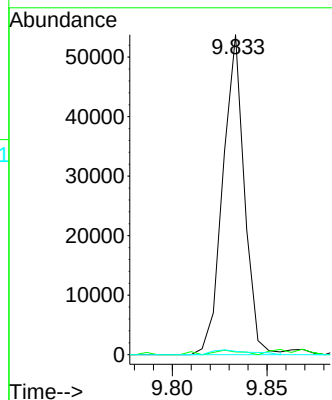
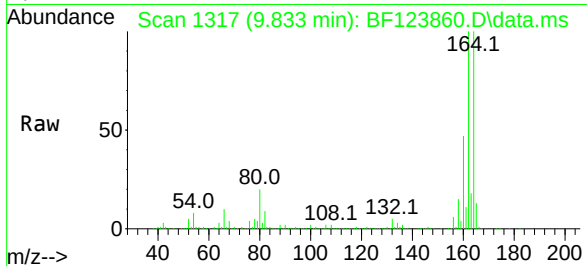




#51
2,6-Dinitrotoluene
Concen: 8.39 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

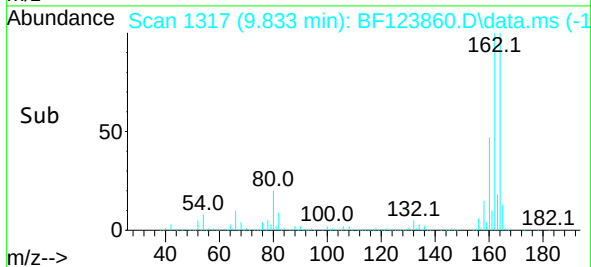
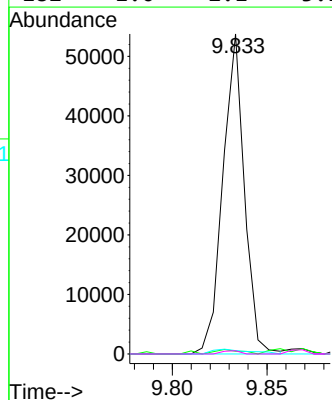
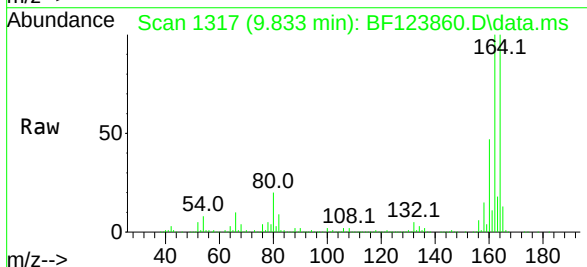
Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

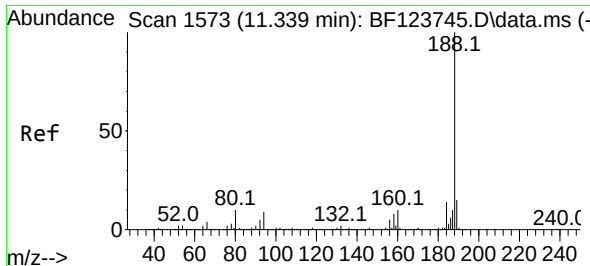
Tgt Ion:165 Resp: 42495
Ion Ratio Lower Upper
165 100
63 0.9 67.7 101.5#
89 1.1 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

Tgt Ion:165 Resp: 42495
Ion Ratio Lower Upper
165 100
63 0.9 43.5 65.3#
89 1.1 67.7 101.5#
182 1.0 2.1 3.1#

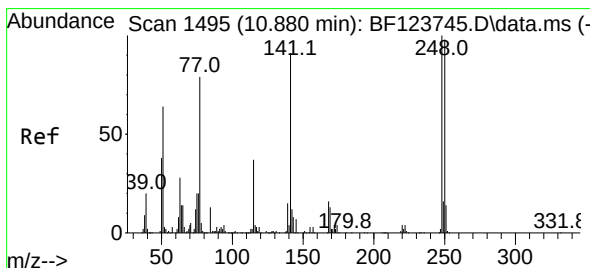
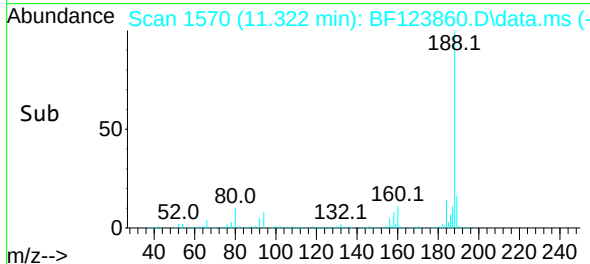
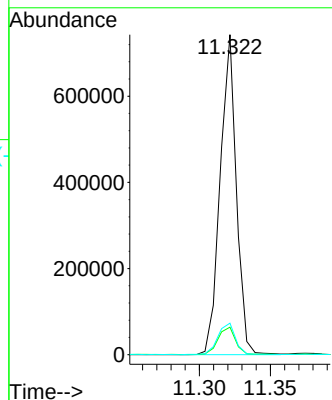
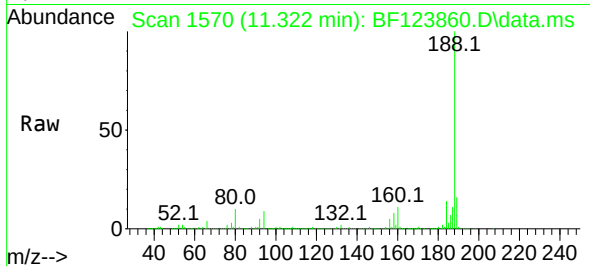




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

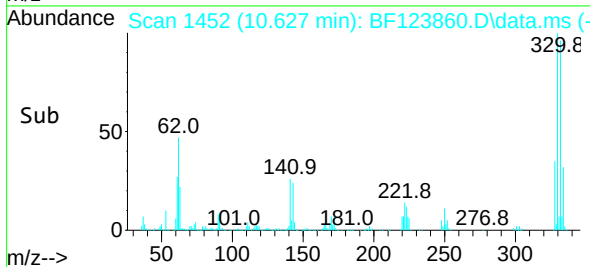
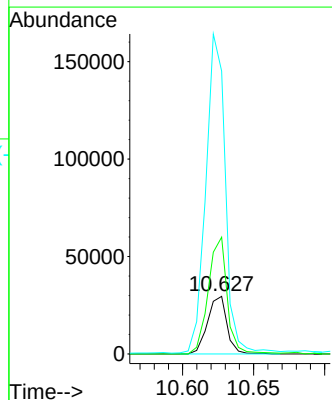
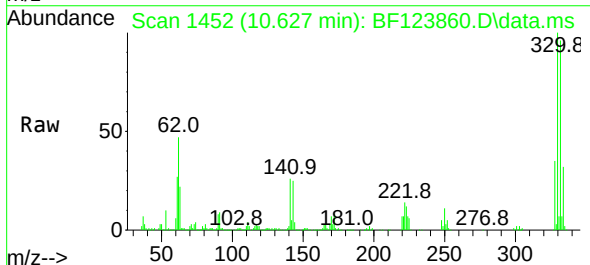
Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

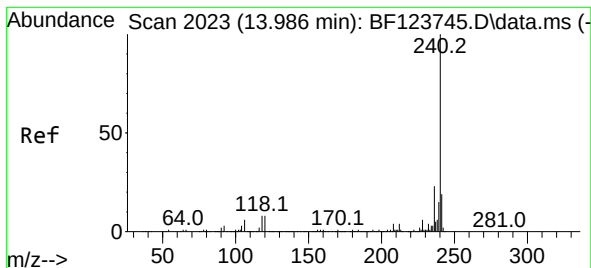
Tgt Ion:188 Resp: 587745
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.9 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.55 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

Tgt Ion:248 Resp: 28136
Ion Ratio Lower Upper
248 100
250 202.7 77.4 116.2#
141 490.6 63.7 95.5#

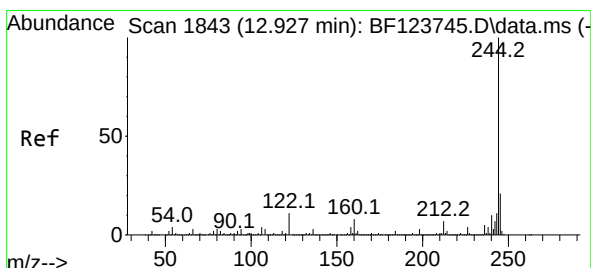
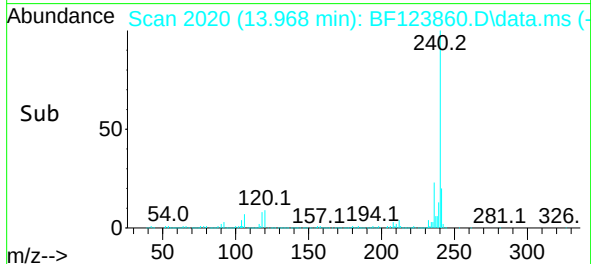
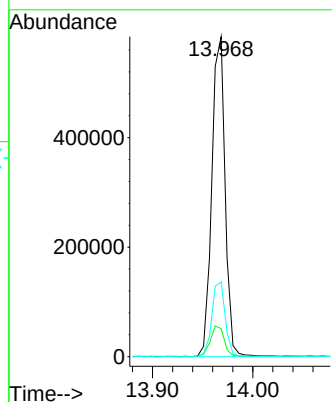
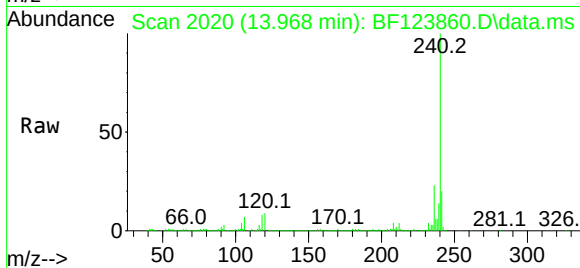




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

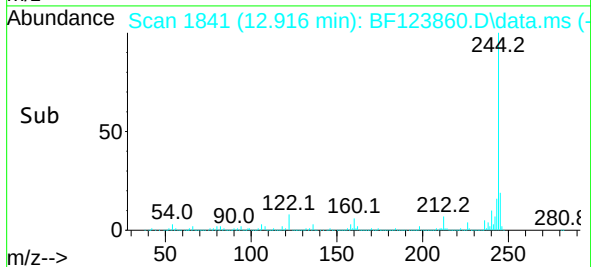
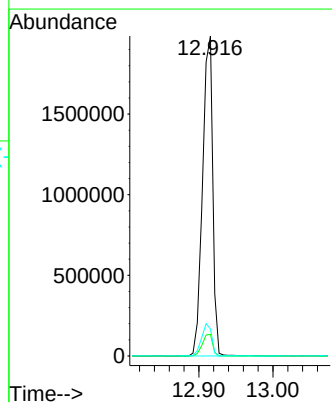
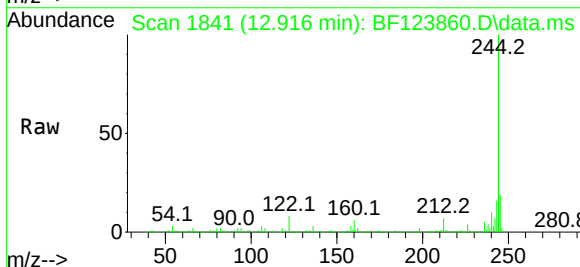
Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

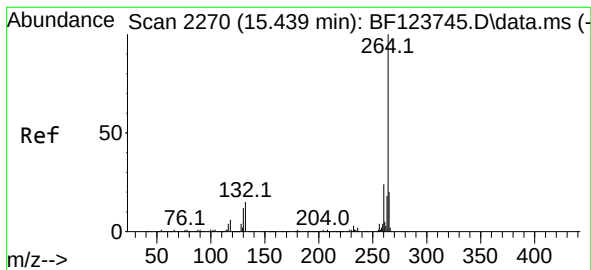
Tgt Ion:240 Resp: 541534
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 23.4 19.0 28.4



#79
Terphenyl-d14
Concen: 67.27 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123860.D
Acq: 6 May 2021 18:04

Tgt Ion:244 Resp: 1891816
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 8.5 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: BF123860.D
 Acq: 6 May 2021 18:04

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

Tgt Ion:264 Resp: 447271
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.7 28.1
 265 21.2 17.8 26.8

