

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123957.D
 Acq On : 17 May 2021 10:41
 Operator : JU/CG
 Sample : PB136339BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136339BL

Quant Time: May 17 13:47:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

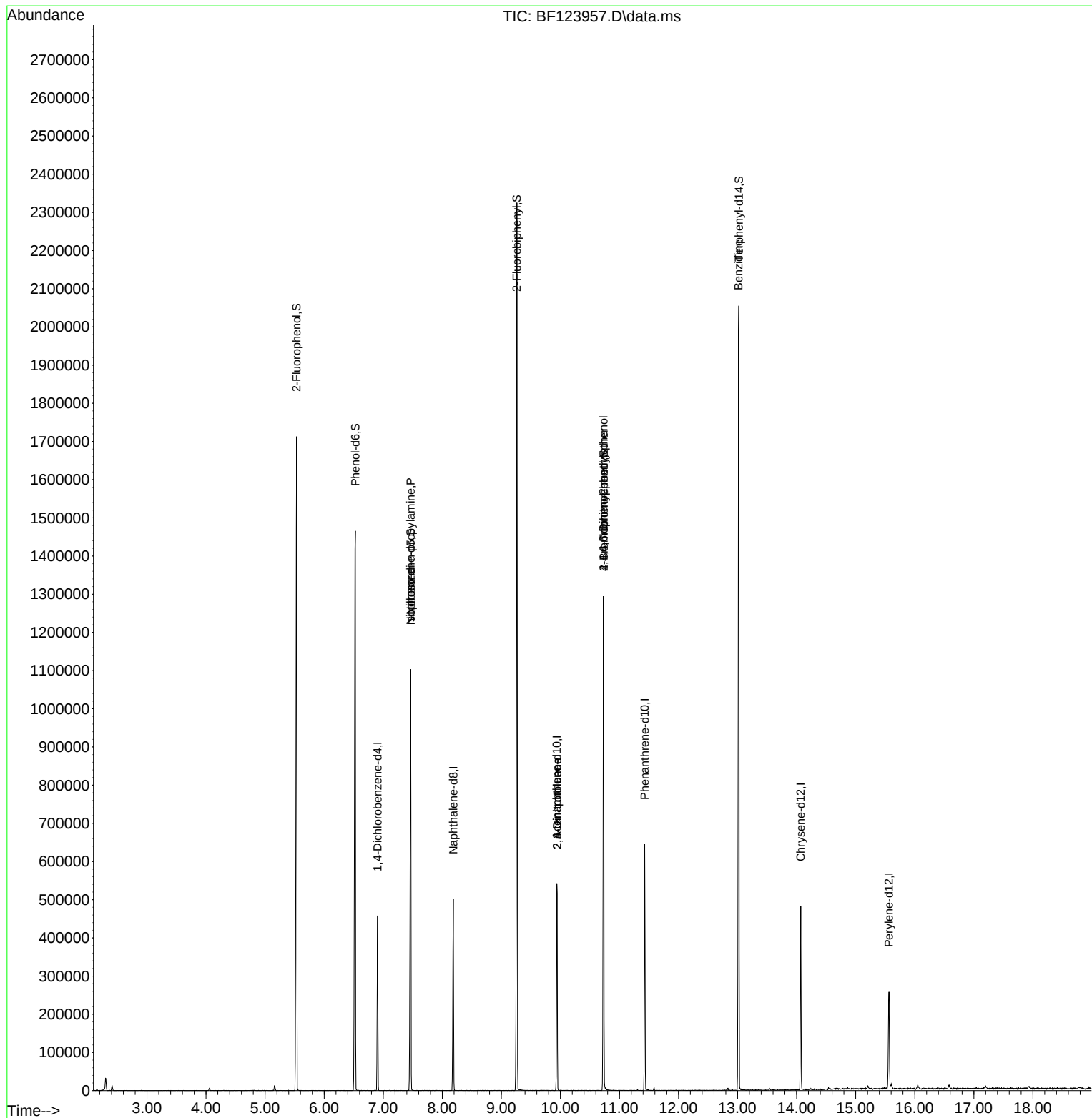
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	52607	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	197902	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	109566	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	199570	20.00	ng	0.00
76) Chrysene-d12	14.069	240	140227	20.00	ng	0.00
86) Perylene-d12	15.563	264	113426	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	392243	104.69	ng	0.02
7) Phenol-d6	6.528	99	483966	99.57	ng	0.00
23) Nitrobenzene-d5	7.463	82	356258	77.56	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	139966	106.36	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	634875	71.31	ng	0.00
79) Terphenyl-d14	13.022	244	687648	74.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	50573	15.40	ng	# 81
25) Isophorone	7.463	82	356068	40.30	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	14260	8.06	ng	# 12
57) 2,4-Dinitrotoluene	9.945	165	14260	6.57	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.728	198	230	5.60	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	9708	3.70	ng	# 1
77) Benzidine	13.016	184	11212	3.31	ng	# 98

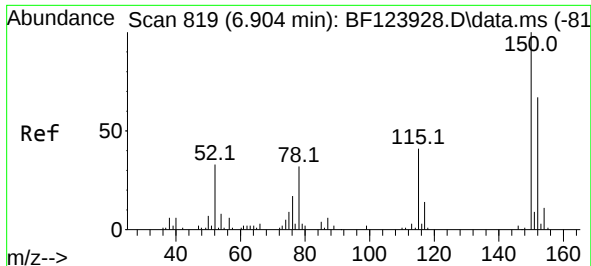
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
Data File : BF123957.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

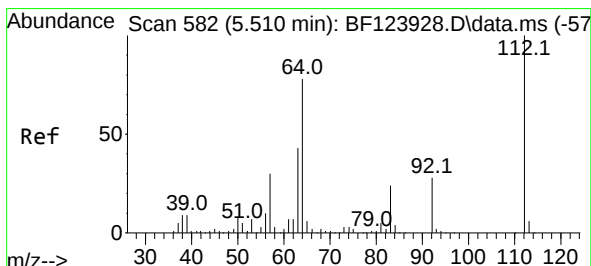
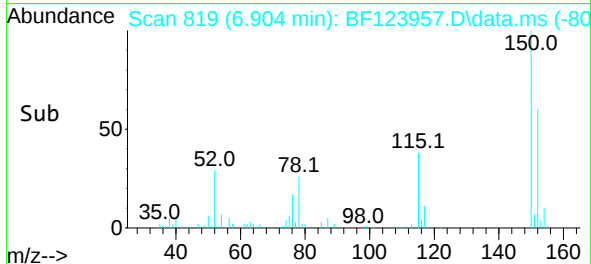
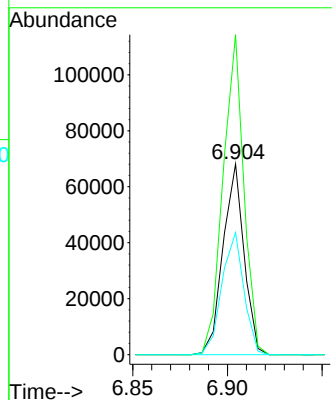
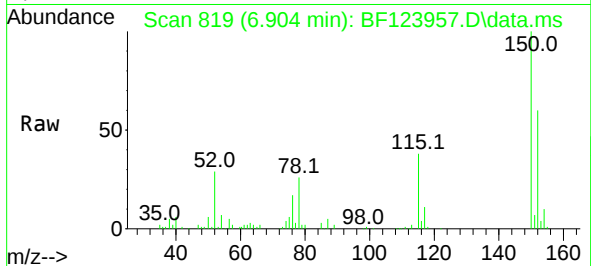




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41

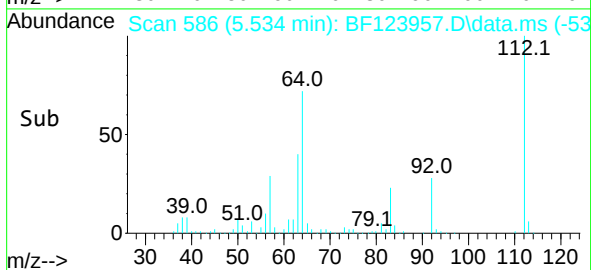
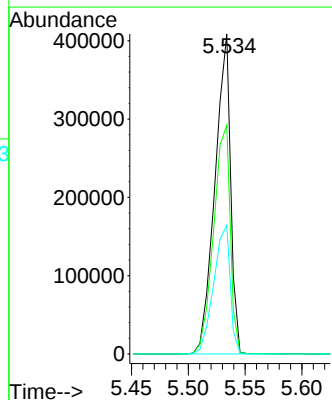
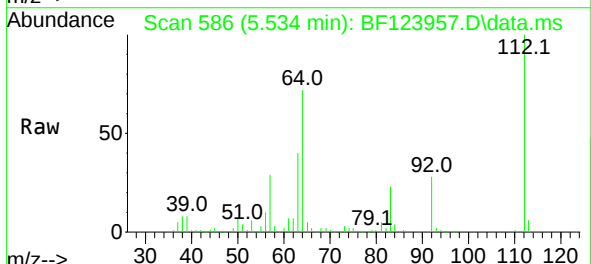
Instrument :
BNA_F
ClientSampleId :
PB136339BL

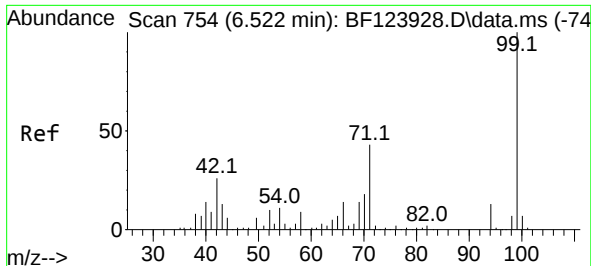
Tgt Ion:152 Resp: 52607
Ion Ratio Lower Upper
152 100
150 167.8 127.0 190.6
115 64.0 54.3 81.5



#5
2-Fluorophenol
Concen: 104.69 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.024 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41

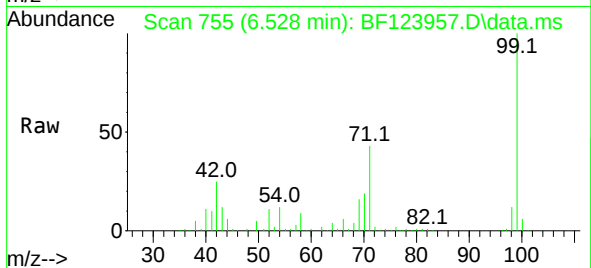
Tgt Ion:112 Resp: 392243
Ion Ratio Lower Upper
112 100
64 71.5 61.4 92.0
63 40.2 33.0 49.4



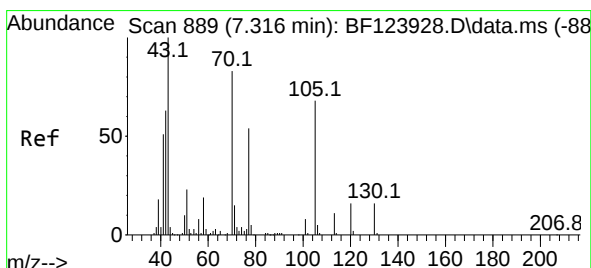
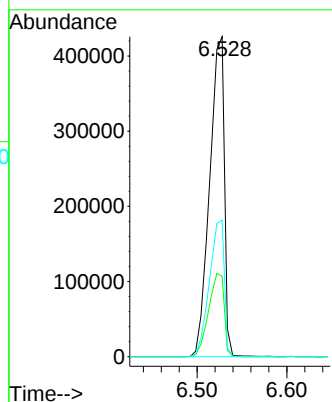
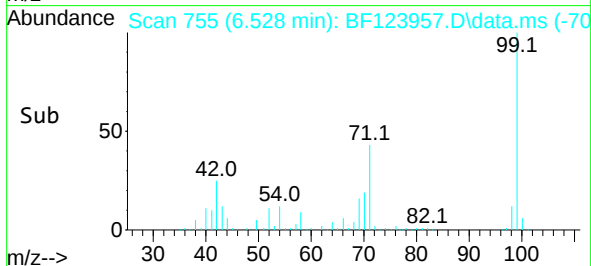


#7
Phenol-d6
Concen: 99.57 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41

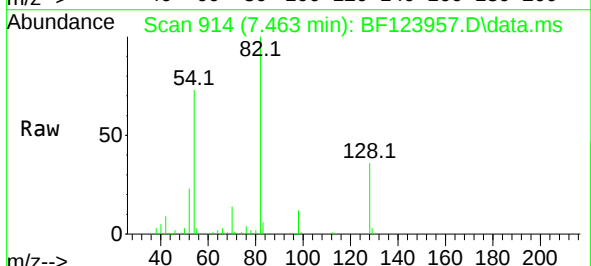
Instrument :
BNA_F
ClientSampleId :
PB136339BL



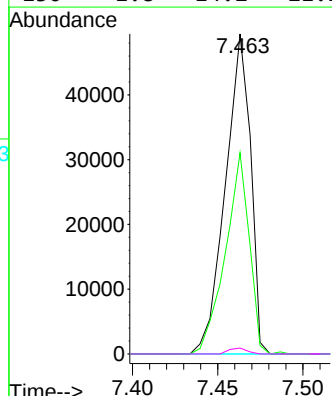
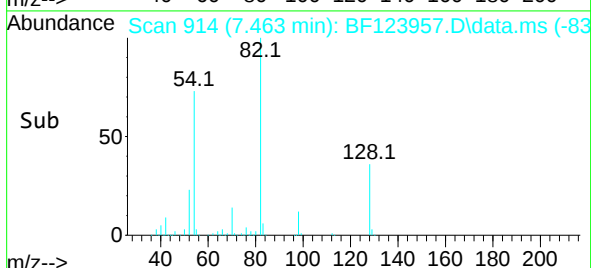
Tgt Ion: 99 Resp: 483966
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.8
71 42.7 31.1 46.7

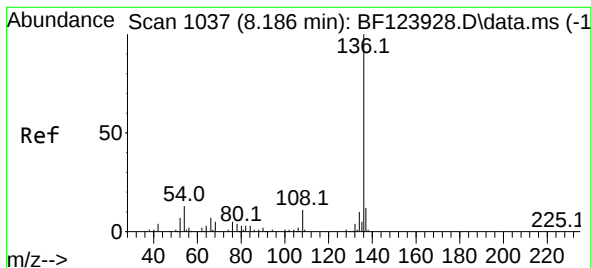


#19
n-Nitroso-di-n-propylamine
Concen: 15.40 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41



Tgt Ion: 70 Resp: 50573
Ion Ratio Lower Upper
70 100
42 62.9 60.1 90.1
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#

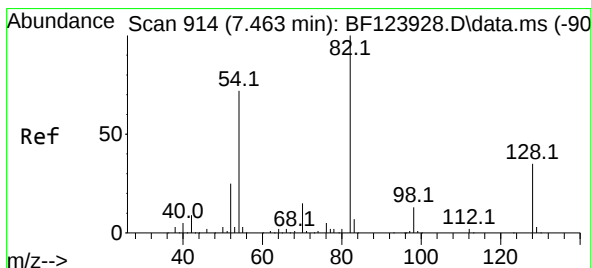
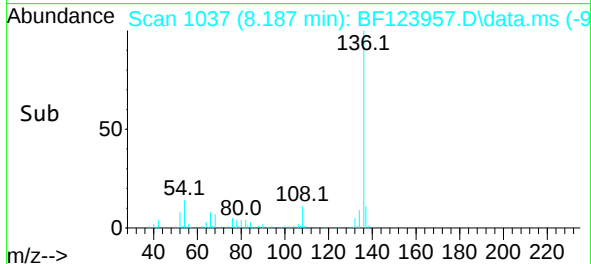
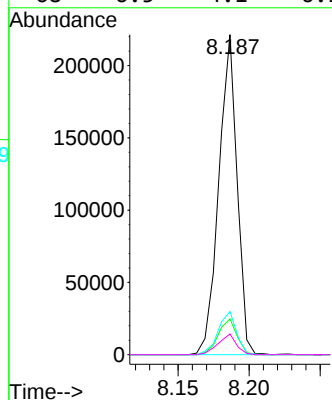
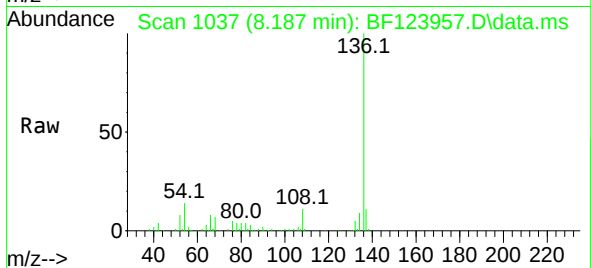




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.001 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41

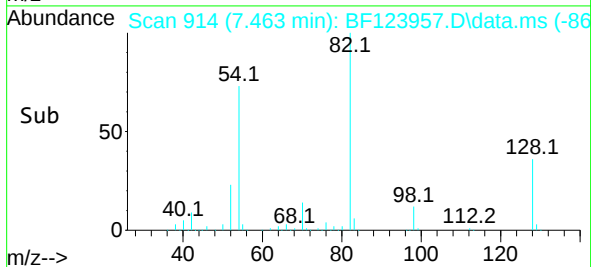
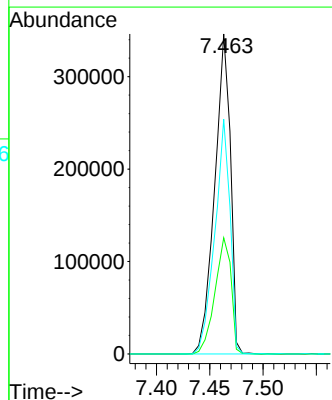
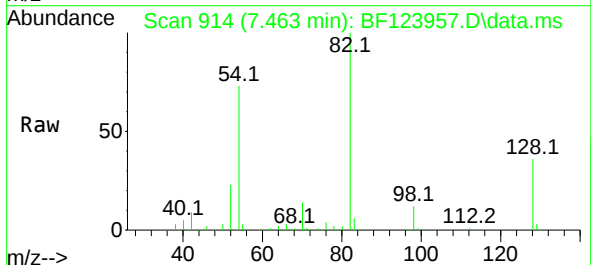
Instrument :
BNA_F
ClientSampleId :
PB136339BL

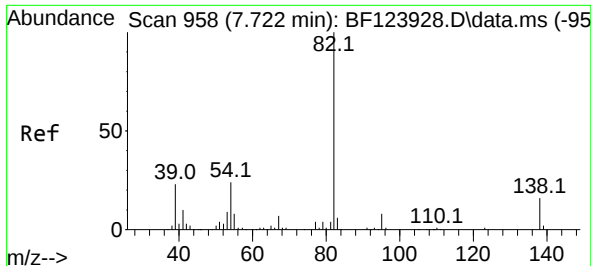
Tgt Ion:136	Resp: 197902
Ion Ratio	Lower Upper
136 100	
137 11.2	8.7 13.1
54 13.5	9.8 14.6
68 6.5	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 77.56 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41

Tgt Ion: 82	Resp: 356258
Ion Ratio	Lower Upper
82 100	
128 36.3	29.4 44.2
54 73.4	54.1 81.1

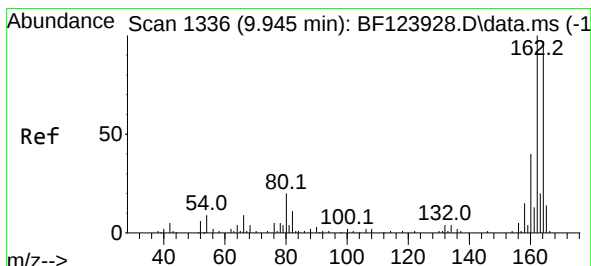
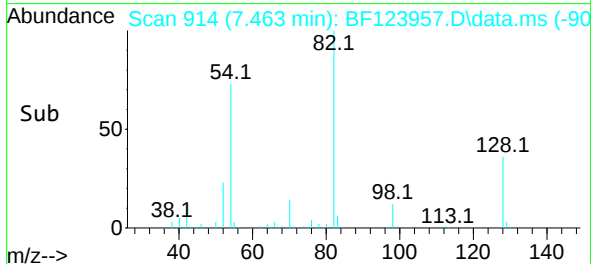
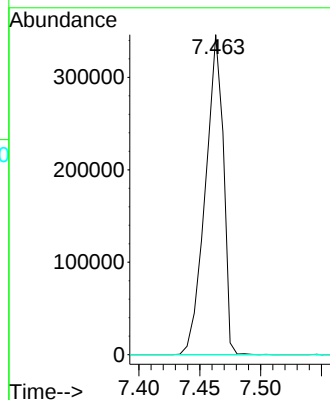
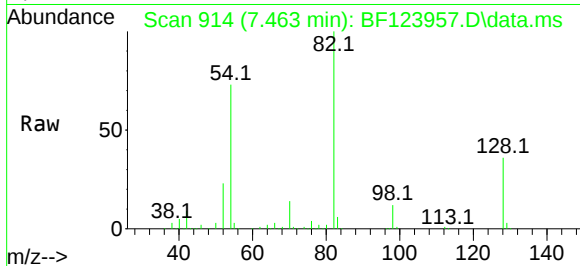




#25
Isophorone
Concen: 40.30 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41

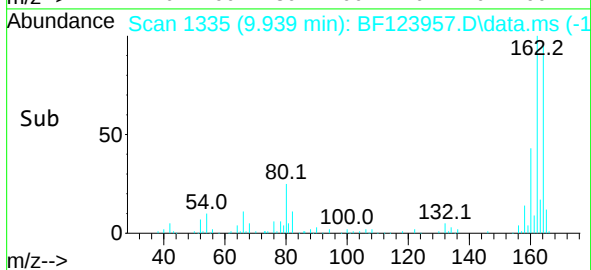
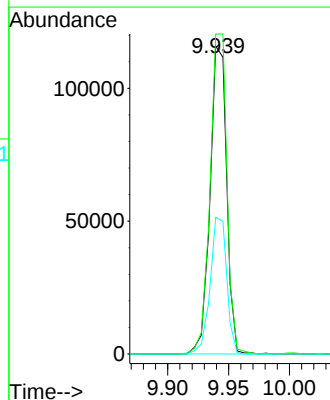
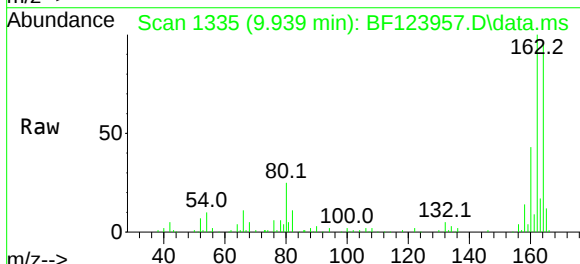
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BNA_F
ClientSampleId :
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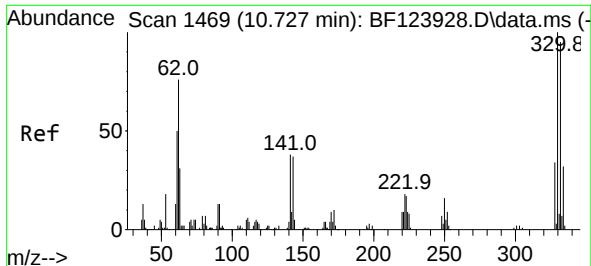
Tgt Ion: 82 Resp: 356068
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41

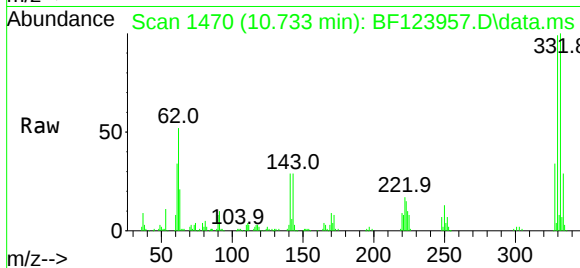
Tgt Ion: 164 Resp: 109566
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 44.4 37.3 55.9



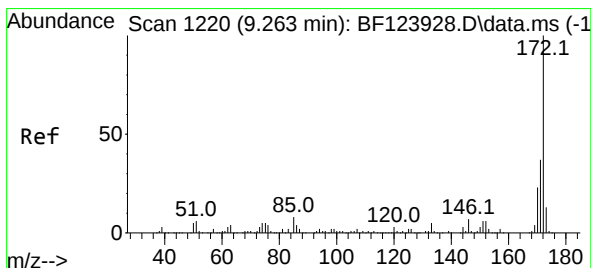
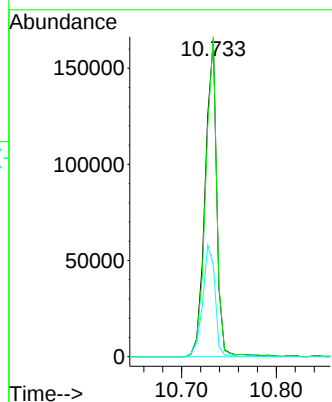
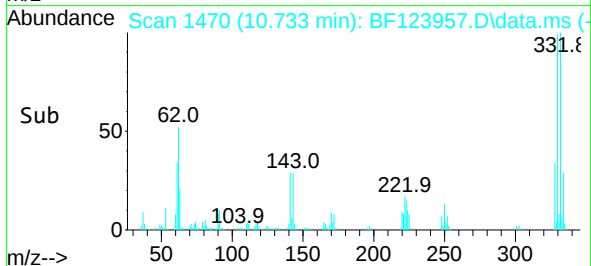


#42
 2,4,6-Tribromophenol
 Concen: 106.36 ng
 RT: 10.733 min Scan# 1470
 Delta R.T. 0.006 min
 Lab File: BF123957.D
 Acq: 17 May 2021 10:41

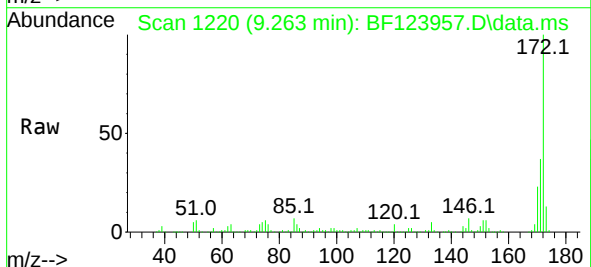
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 ClientSampleId :
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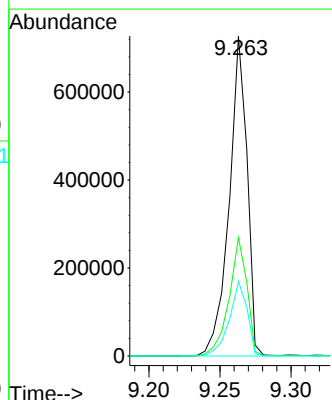
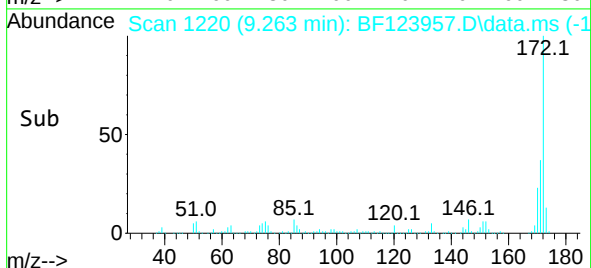
Tgt Ion: 330 Resp: 139966
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.1 115.7
 141 37.3 27.9 41.9

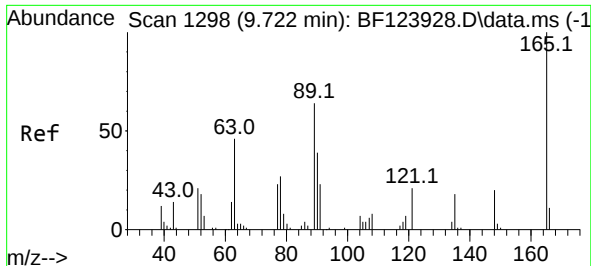


#45
 2-Fluorobiphenyl
 Concen: 71.31 ng
 RT: 9.263 min Scan# 1220
 Delta R.T. 0.000 min
 Lab File: BF123957.D
 Acq: 17 May 2021 10:41



Tgt Ion: 172 Resp: 634875
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.1 42.1
 170 23.3 19.2 28.8

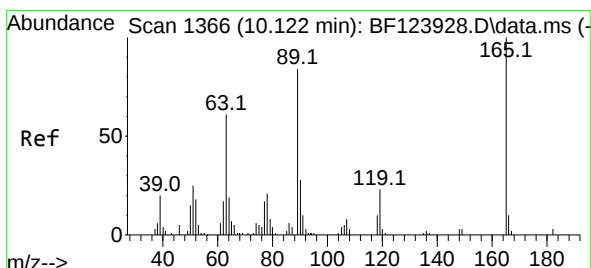
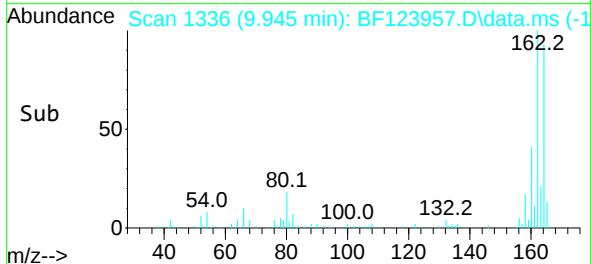
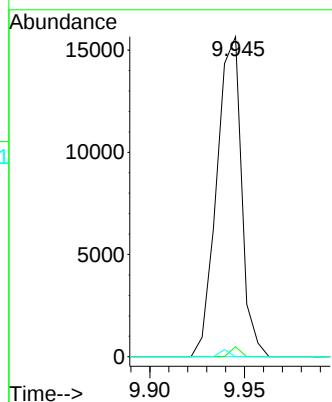
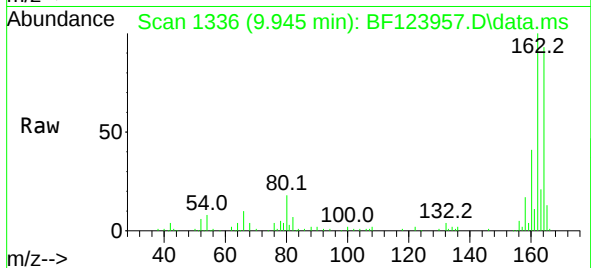




#51
2,6-Dinitrotoluene
Concen: 8.06 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.224 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41

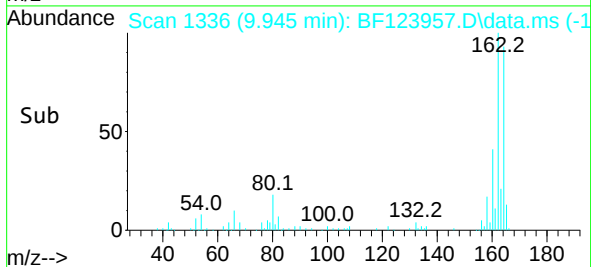
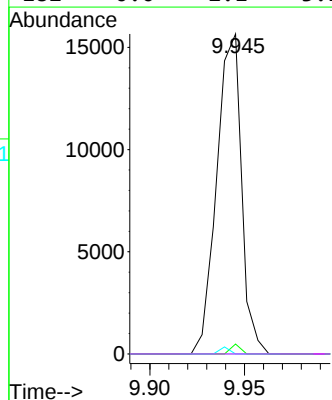
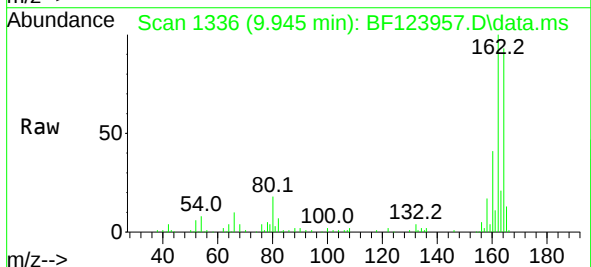
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ClientSampleId :
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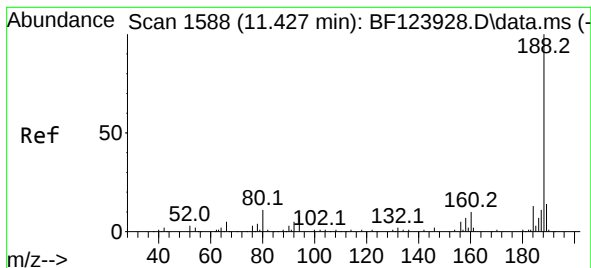
Tgt Ion:165 Resp: 14260
Ion Ratio Lower Upper
165 100
63 3.1 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.57 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.176 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41

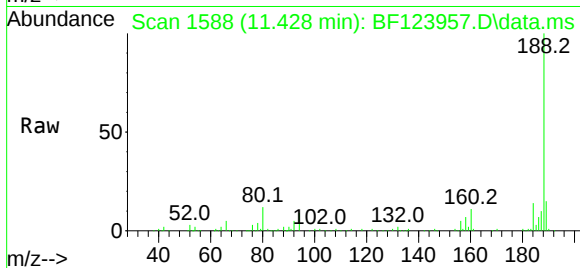
Tgt Ion:165 Resp: 14260
Ion Ratio Lower Upper
165 100
63 3.1 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



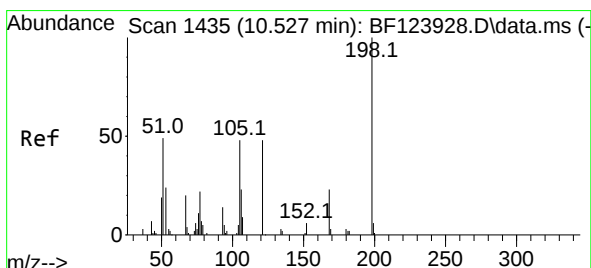
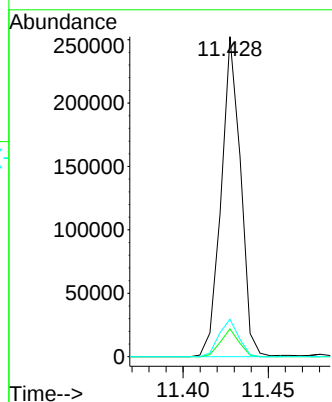
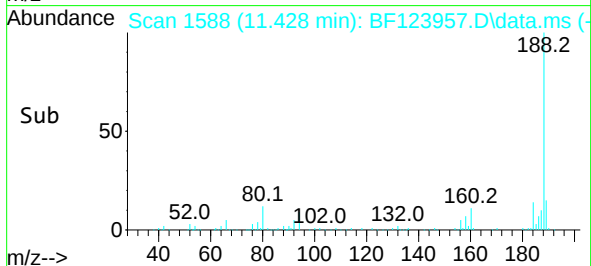


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.001 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41

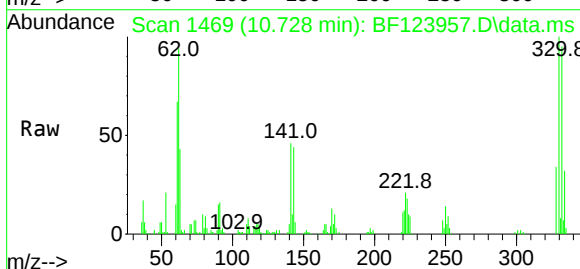
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BNA_F
ClientSampleId :
PB136339BL



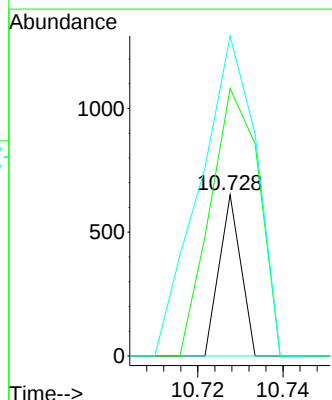
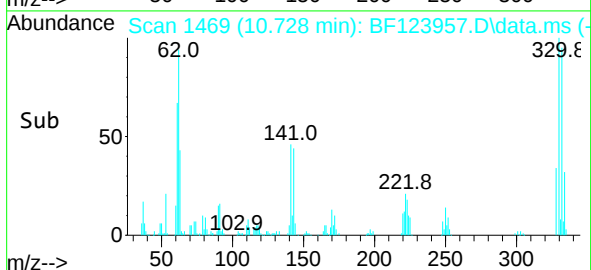
Tgt Ion:188 Resp: 199570
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 11.7 8.2 12.2

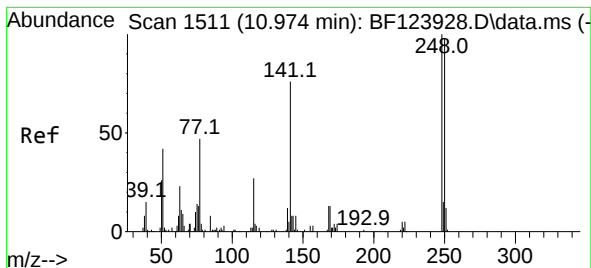


#65
4,6-Dinitro-2-methylphenol
Concen: 5.60 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.201 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41



Tgt Ion:198 Resp: 230
Ion Ratio Lower Upper
198 100
51 166.1 64.8 104.8#
105 198.6 42.6 82.6#

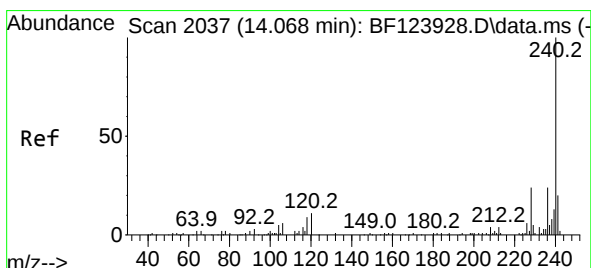
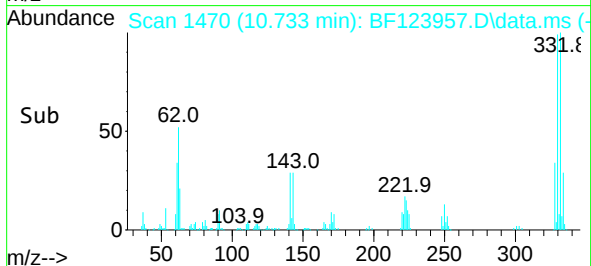
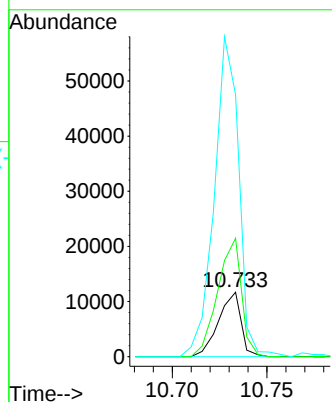
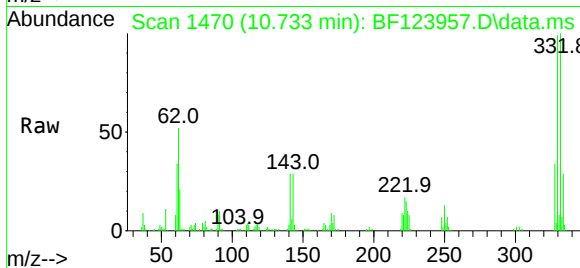




#67
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41

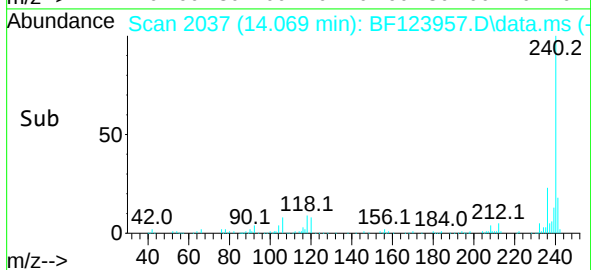
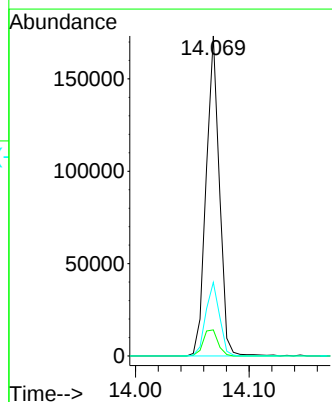
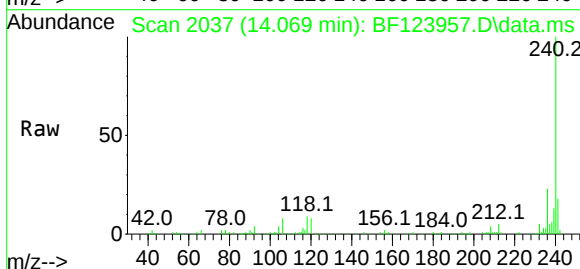
Instrument :
BNA_F
ClientSampleId :
PB136339BL

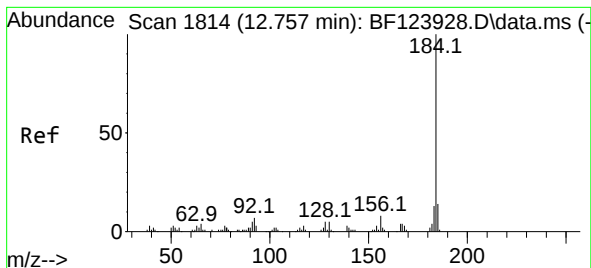
Tgt Ion:248 Resp: 9708
Ion Ratio Lower Upper
248 100
250 183.4 77.4 116.2#
141 405.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123957.D
Acq: 17 May 2021 10:41

Tgt Ion:240 Resp: 140227
Ion Ratio Lower Upper
240 100
120 8.2 7.2 10.8
236 23.0 19.0 28.4





#77

Benzidine

Concen: 3.31 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.259 min

Lab File: BF123957.D

Acq: 17 May 2021 10:41

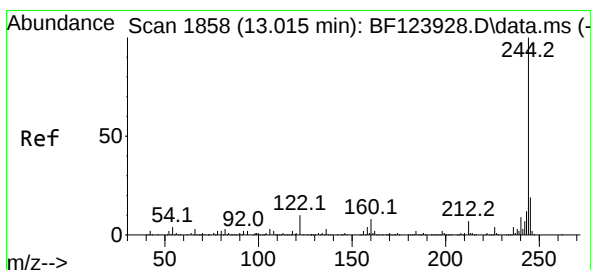
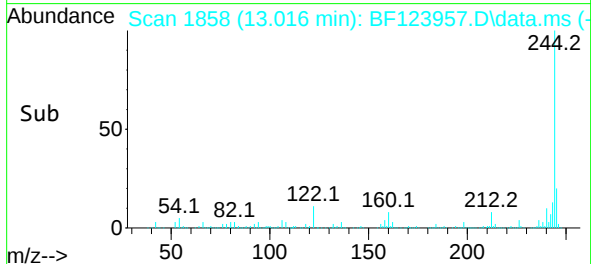
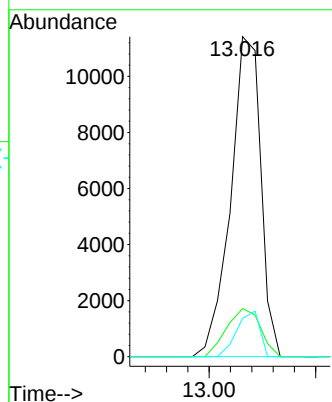
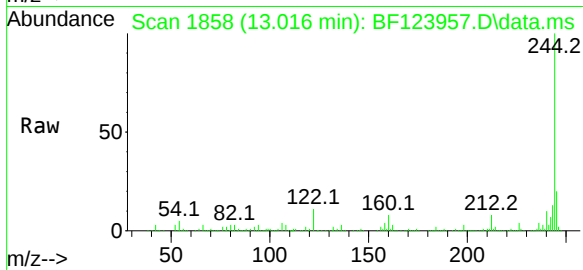
Tgt Ion:184 Resp: 11212

Ion Ratio Lower Upper

184 100

185 15.0 12.1 18.1

183 12.0 7.8 11.8#



#79

Terphenyl-d14

Concen: 74.27 ng

RT: 13.022 min Scan# 1859

Delta R.T. 0.006 min

Lab File: BF123957.D

Acq: 17 May 2021 10:41

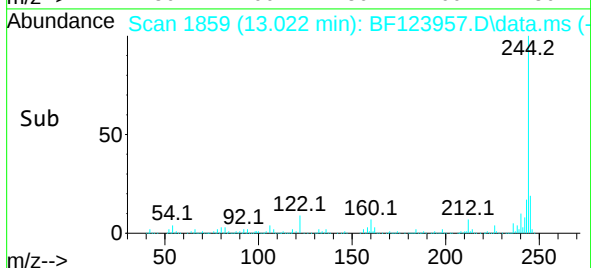
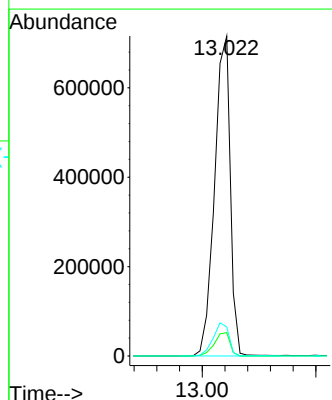
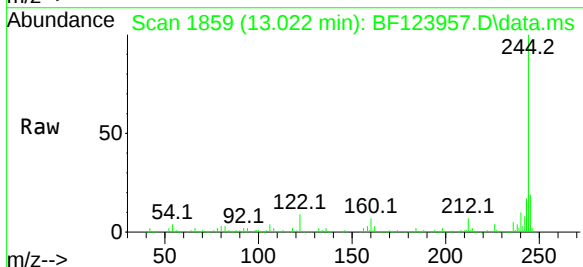
Tgt Ion:244 Resp: 687648

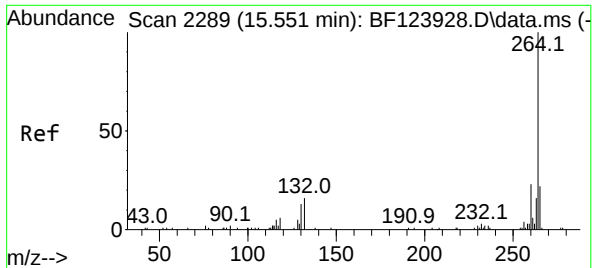
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

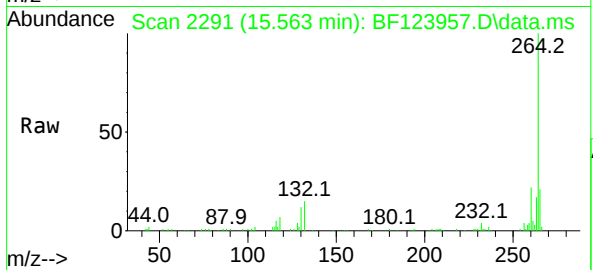
122 9.1 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. 0.012 min
 Lab File: BF123957.D
 Acq: 17 May 2021 10:41

Instrument :
 BNA_F
 ClientSampleId :
 PB136339BL



Tgt Ion:264	Resp:	113426
Ion Ratio	Lower	Upper
264	100	
260	22.4	18.7 28.1
265	21.4	17.8 26.8

