

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
 Data File : BF123892.D
 Acq On : 10 May 2021 19:29
 Operator : JU/CG
 Sample : PB136256TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136256TB

Quant Time: May 11 03:36:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 10 16:46:01 2021
 Response via : Initial Calibration

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

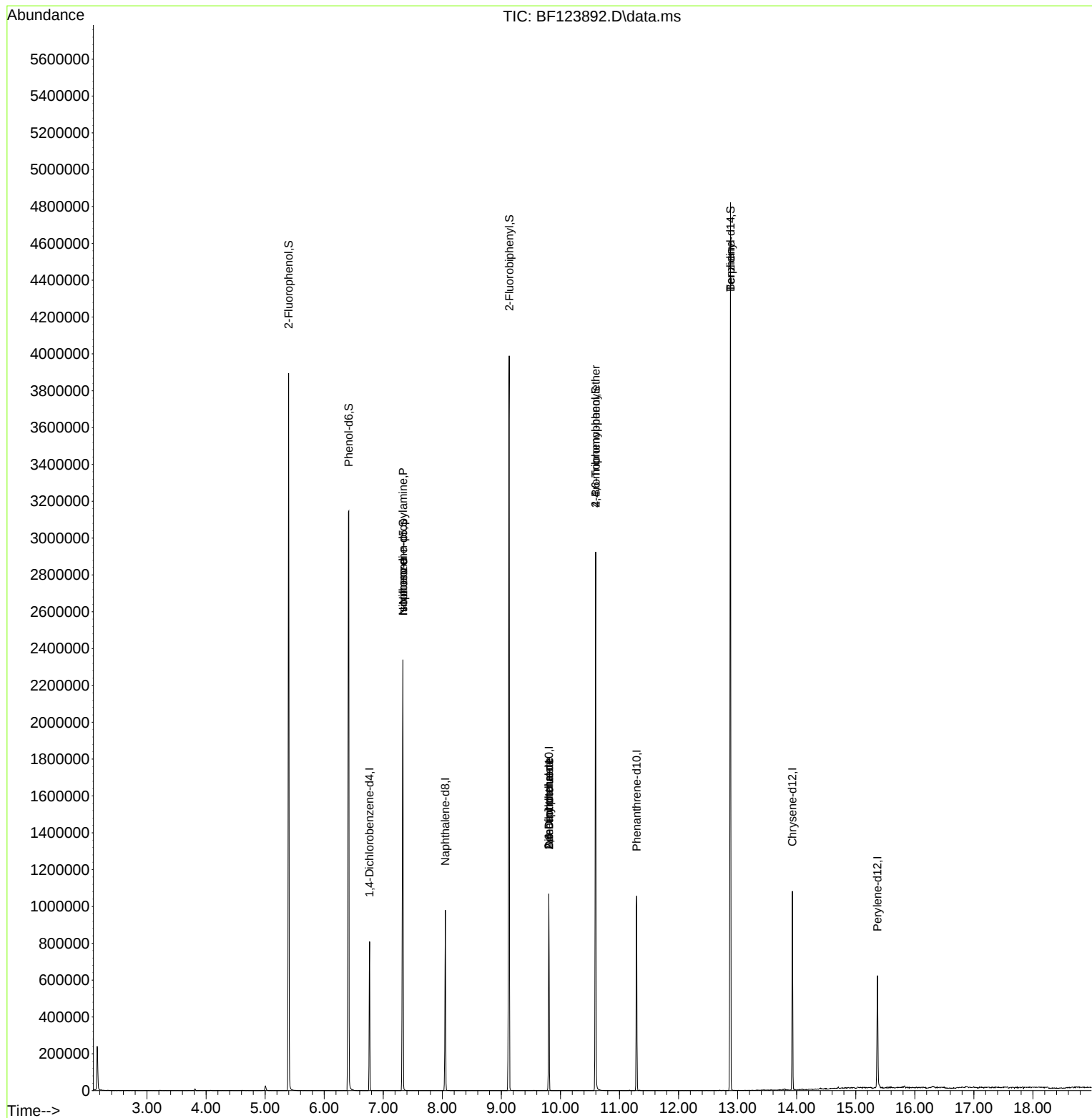
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	97682	20.00	ng	0.00
21) Naphthalene-d8	8.051	136	374689	20.00	ng	0.00
39) Acenaphthene-d10	9.804	164	193161	20.00	ng	0.00
64) Phenanthrene-d10	11.292	188	384872	20.00	ng	# 0.00
76) Chrysene-d12	13.927	240	343849	20.00	ng	0.00
86) Perylene-d12	15.368	264	265826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	787207	117.69	ng	0.00
7) Phenol-d6	6.416	99	1009772	113.11	ng	0.00
23) Nitrobenzene-d5	7.334	82	727426	80.59	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	336545	118.28	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1200517	77.56	ng	0.00
79) Terphenyl-d14	12.880	244	1498122	71.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	103247	18.89	ng	# 77
25) Isophorone	7.334	82	727193	46.81	ng	# 69
50) Dimethylphthalate	9.804	163	33873	2.31	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	25240	7.64	ng	# 10
57) 2,4-Dinitrotoluene	9.804	165	25240	5.55	ng	# 16
67) 4-Bromophenyl-phenylether	10.598	248	17658	4.29	ng	# 1
77) Benzidine	12.880	184	21443	2.98	ng	97
87) Indeno(1,2,3-cd)pyrene	16.804	276	397	Below Cal		# 53

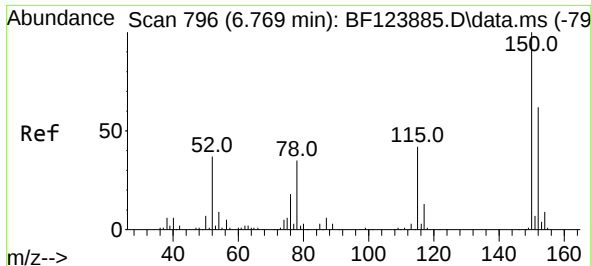
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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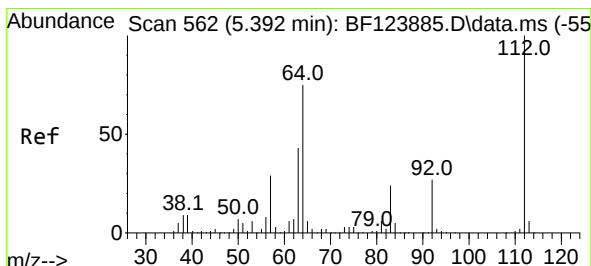
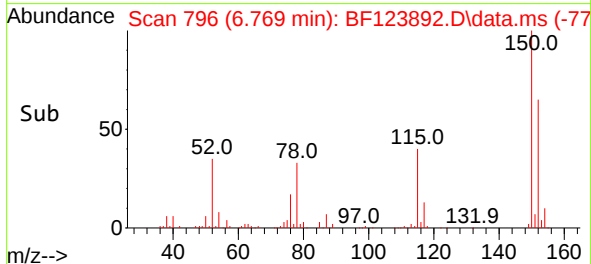
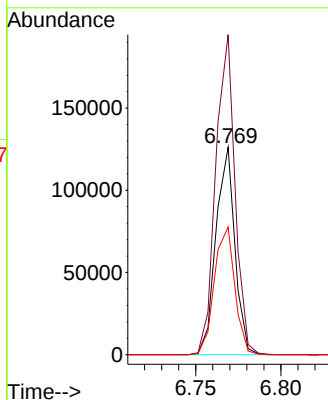
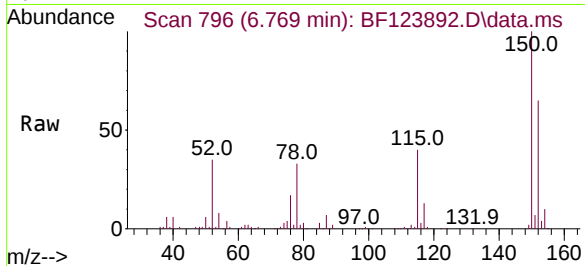




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

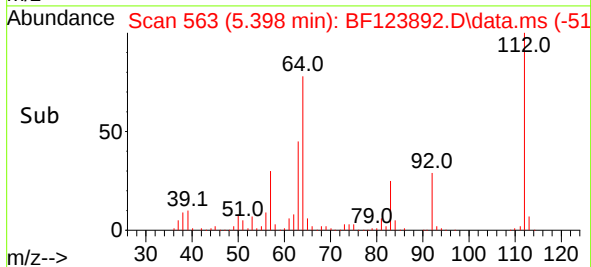
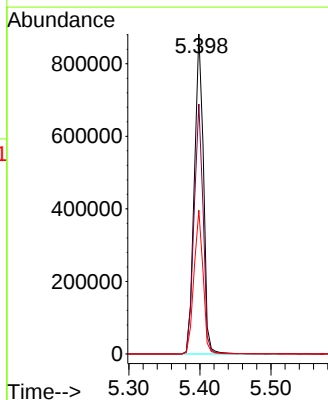
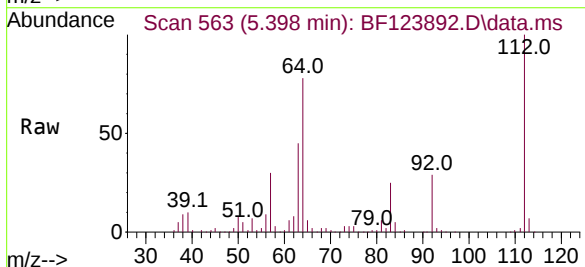
Instrument :
BNA_F
ClientSampleId :
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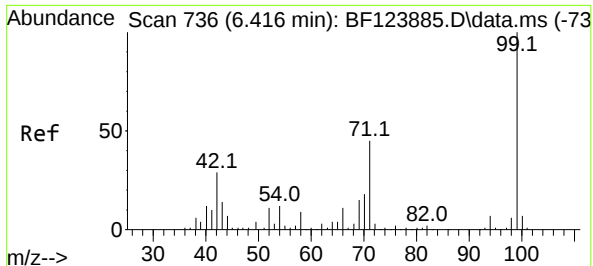
Tgt Ion:152 Resp: 97682
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 61.5 54.3 81.5



#5
2-Fluorophenol
Concen: 117.69 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

Tgt Ion:112 Resp: 787207
Ion Ratio Lower Upper
112 100
64 78.1 61.4 92.0
63 44.9 33.0 49.4

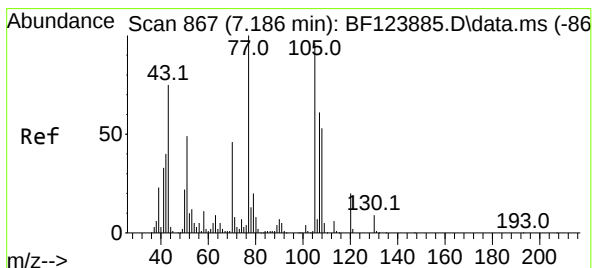
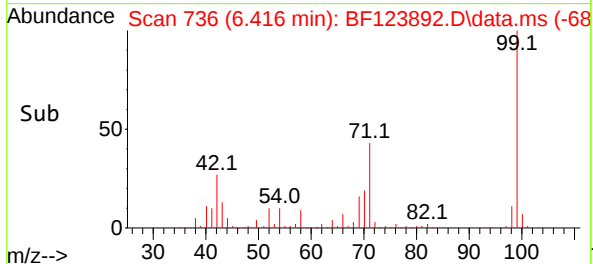
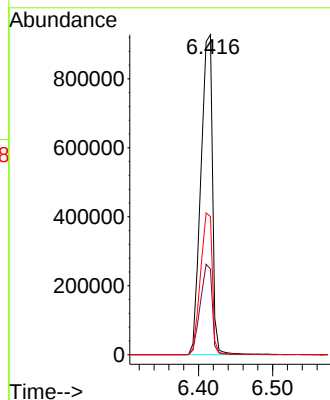
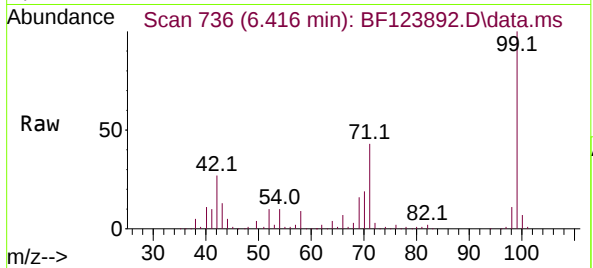




#7
Phenol-d6
Concen: 113.11 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

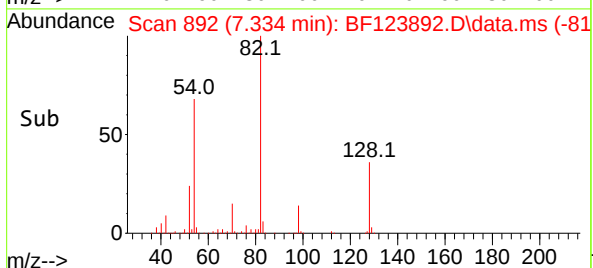
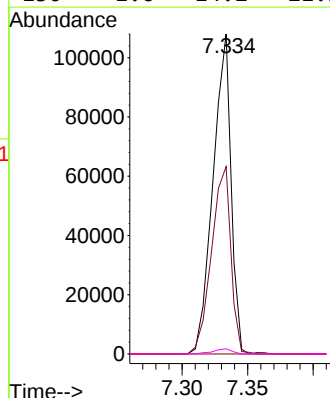
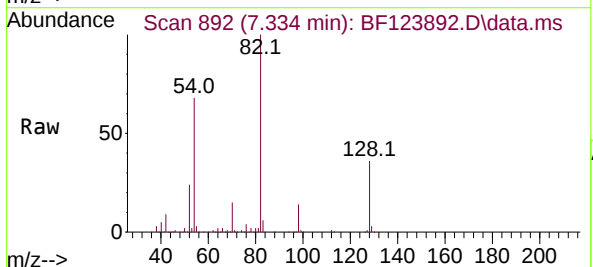
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ClientSampleId :
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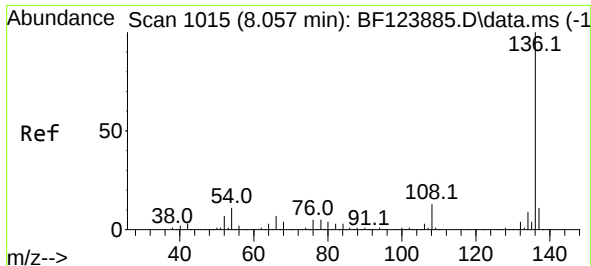
Tgt Ion: 99 Resp: 1009772
Ion Ratio Lower Upper
99 100
42 26.8 19.8 29.8
71 43.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.89 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

Tgt Ion: 70 Resp: 103247
Ion Ratio Lower Upper
70 100
42 58.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

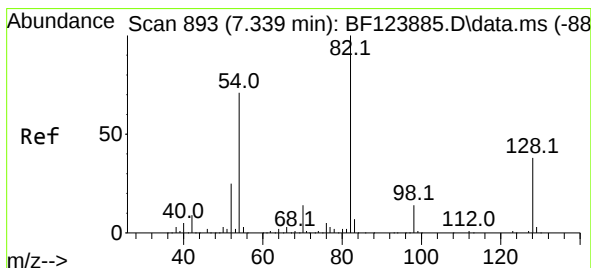
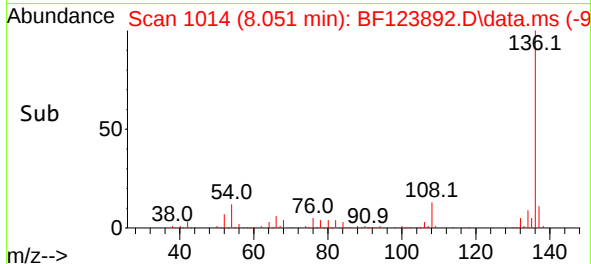
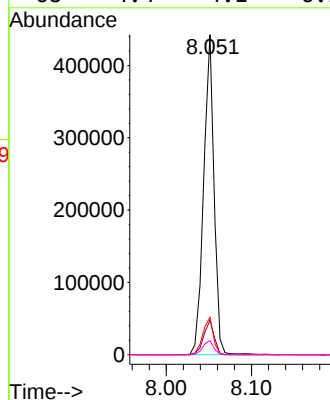
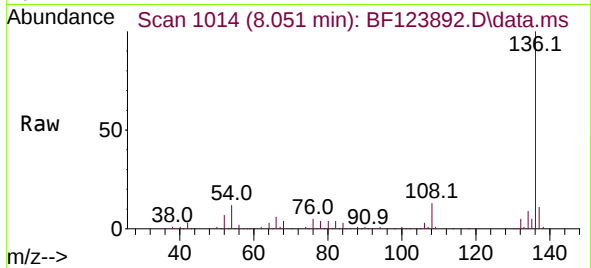




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

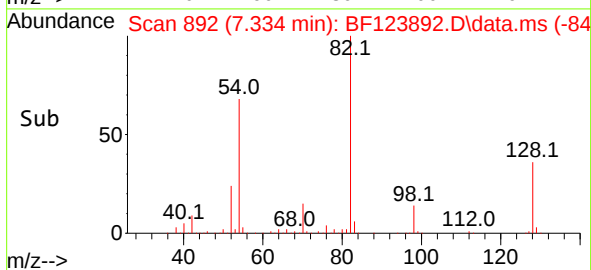
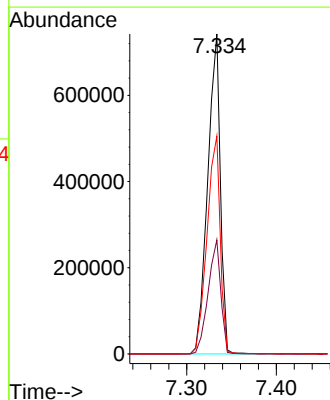
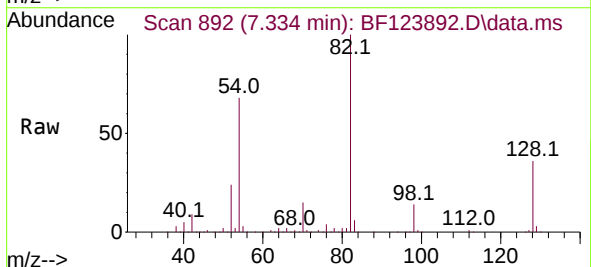
Instrument :
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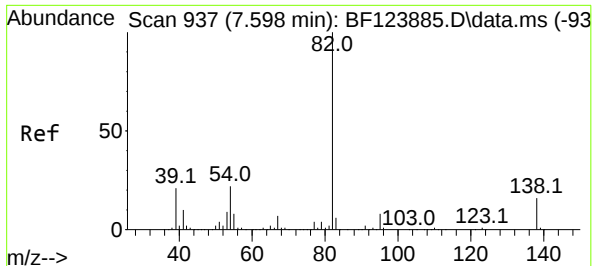
Tgt	Ion:136	Resp:	374689
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	11.6	9.8	14.6
68	4.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 80.59 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

Tgt Ion: 82	Resp: 727426
Ion Ratio	Lower Upper
82 100	
128 35.6	29.4 44.2
54 68.1	54.1 81.1

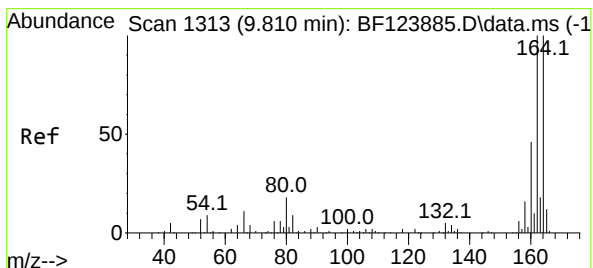
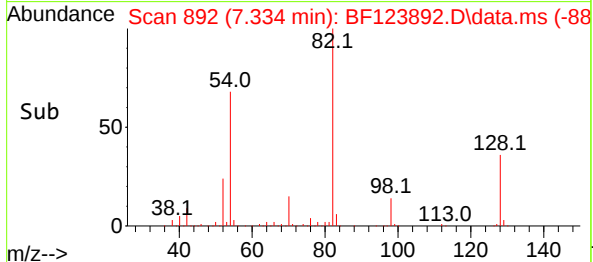
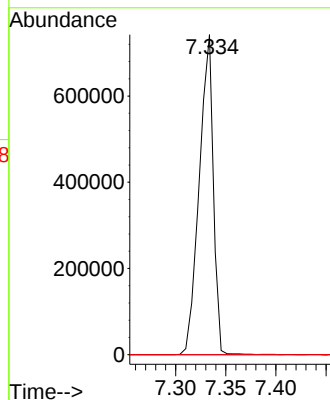
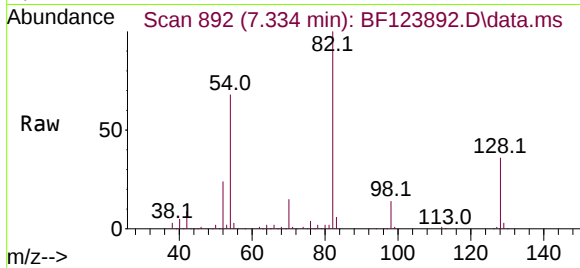




#25
Isophorone
Concen: 46.81 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

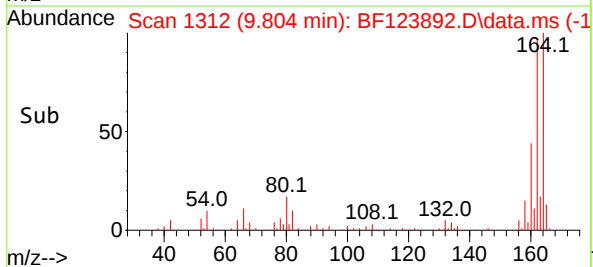
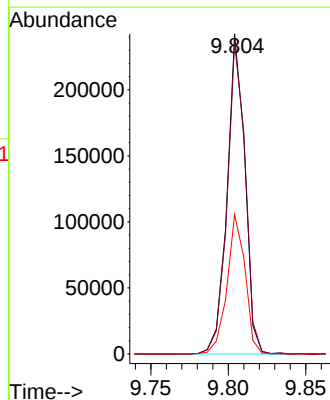
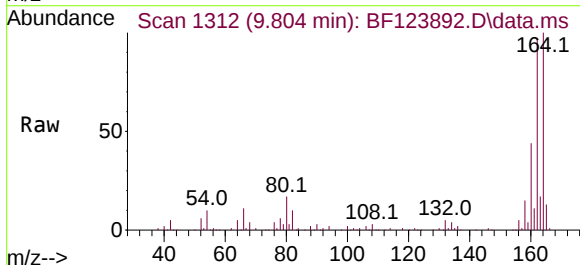
Instrument :
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ClientSampleId :
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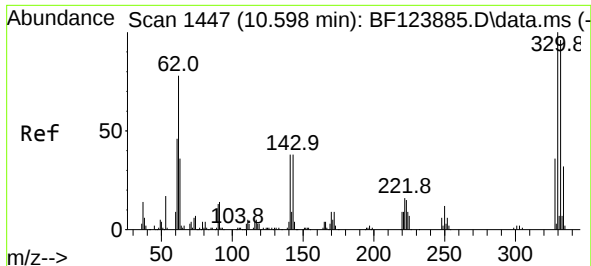
Tgt Ion: 82 Resp: 727193
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

Tgt Ion:164 Resp: 193161
Ion Ratio Lower Upper
164 100
162 97.2 80.7 121.1
160 43.6 37.3 55.9

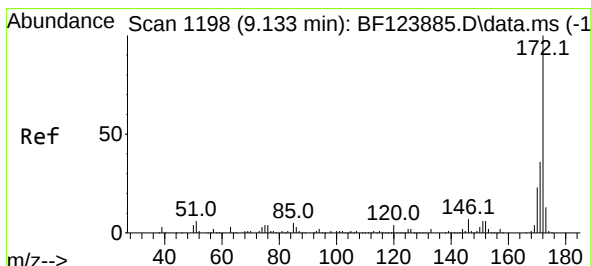
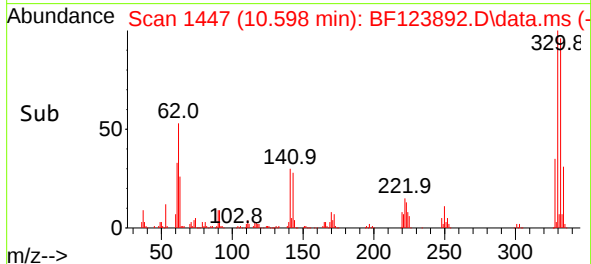
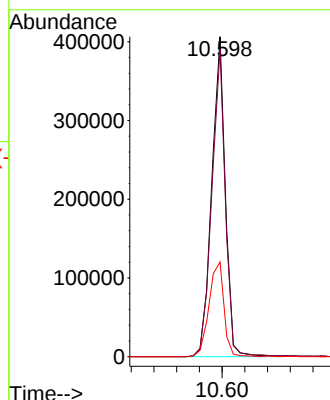
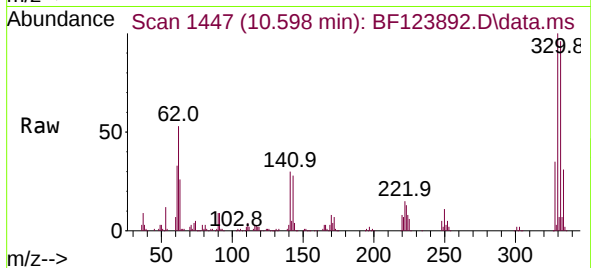




#42
2,4,6-Tribromophenol
Concen: 118.28 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

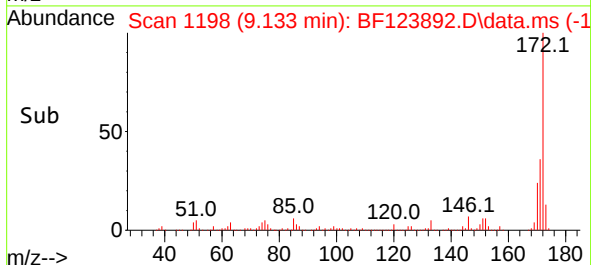
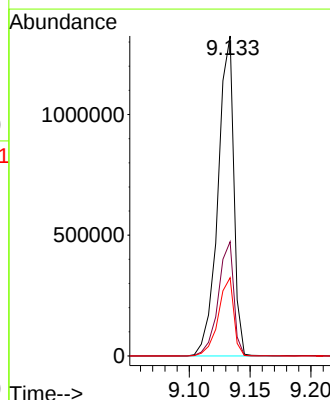
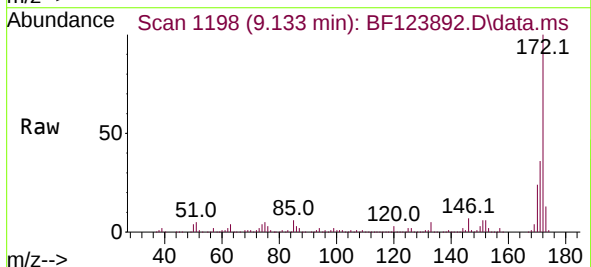
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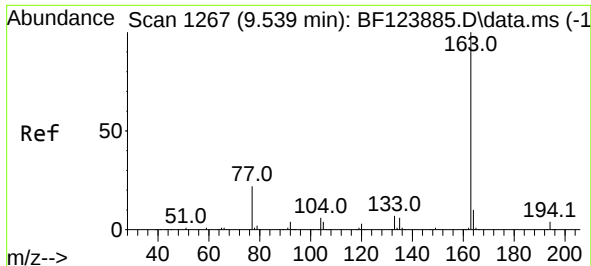
Tgt Ion: 330 Resp: 336545
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 32.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 77.56 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

Tgt Ion: 172 Resp: 1200517
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.5 19.2 28.8

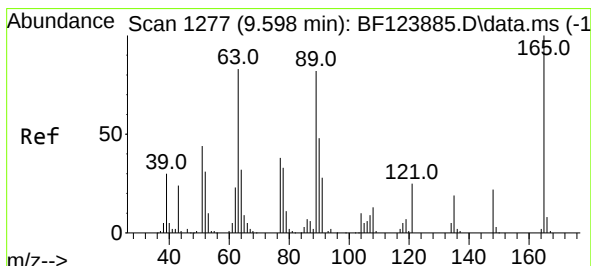
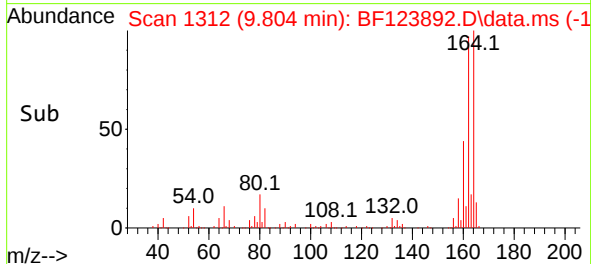
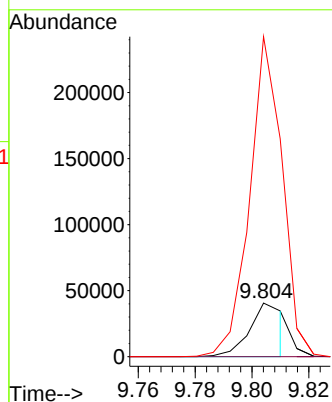
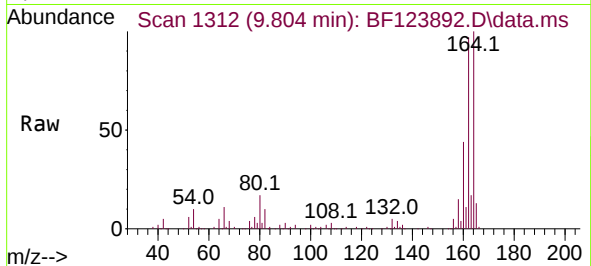




#50
Dimethylphthalate
Concen: 2.31 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.265 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

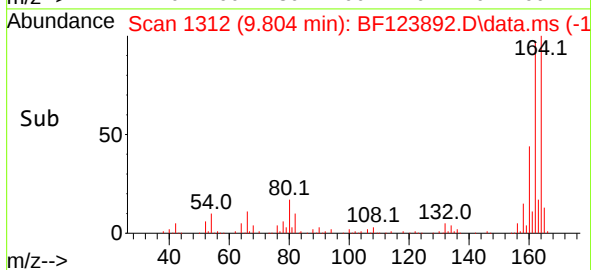
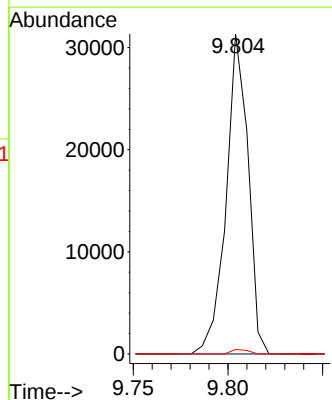
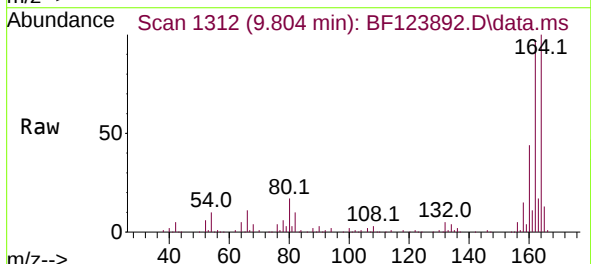
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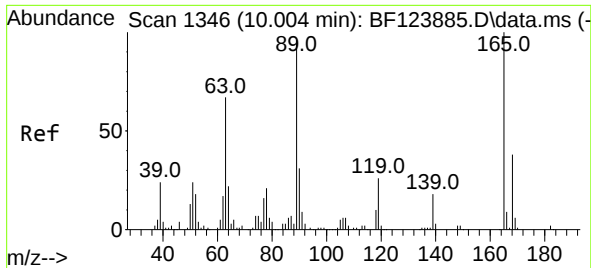
Tgt Ion:163 Resp: 33873
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 597.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.206 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

Tgt Ion:165 Resp: 25240
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 1.4 58.8 88.2#

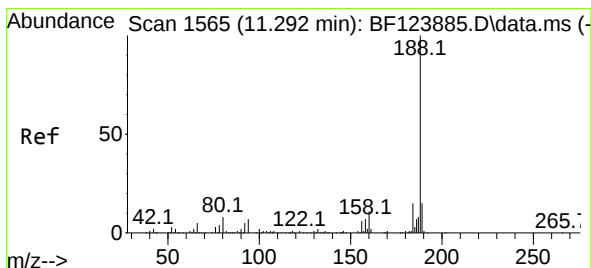
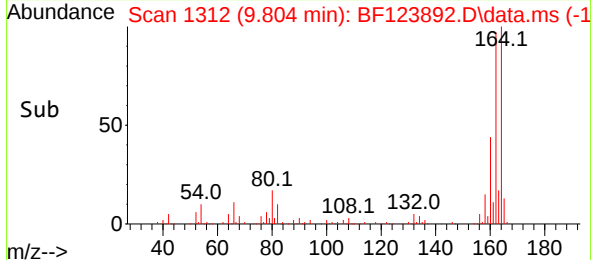
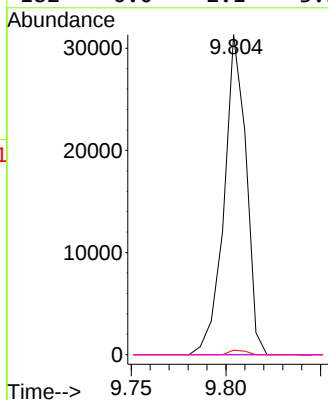
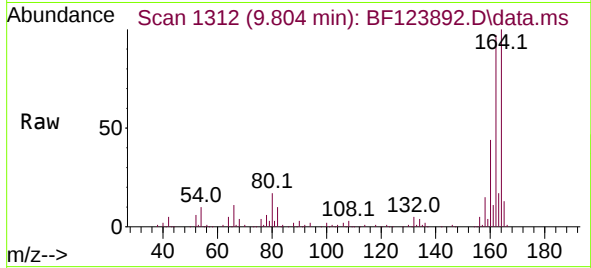




#57
2,4-Dinitrotoluene
Concen: 5.55 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.200 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

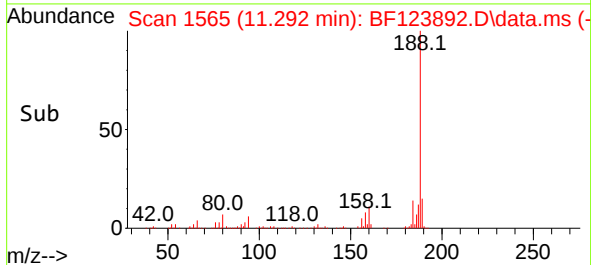
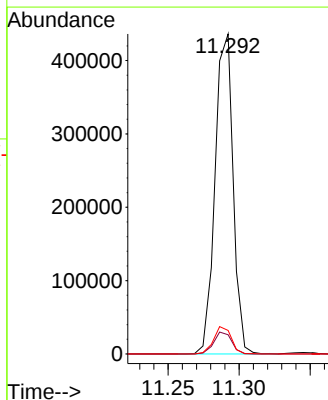
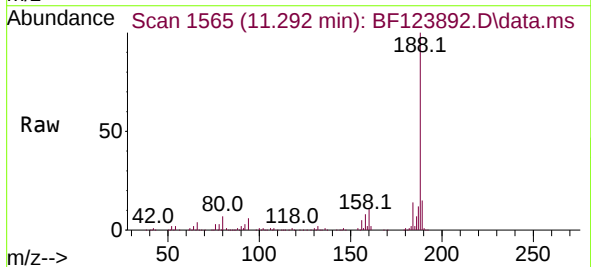
Instrument :
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ClientSampleId :
PB136256TB

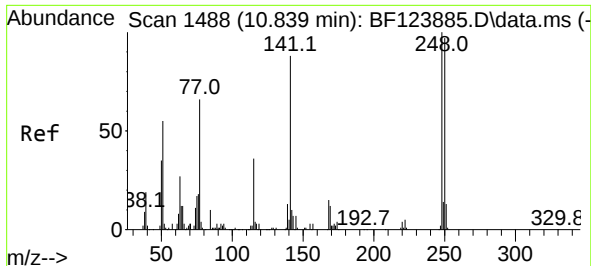
Tgt Ion:165 Resp: 25240
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 1.4 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

Tgt Ion:188 Resp: 384872
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.3 8.2 12.2#

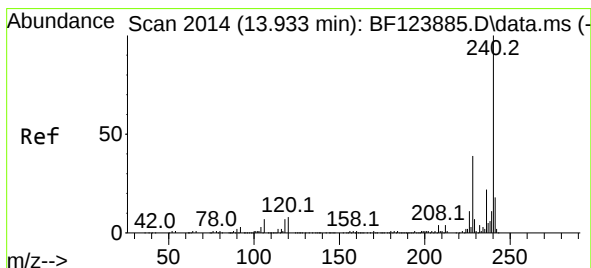
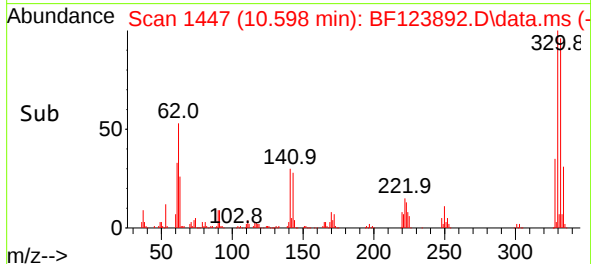
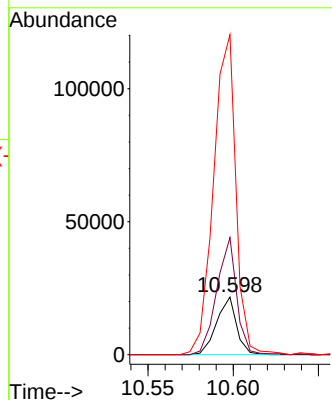
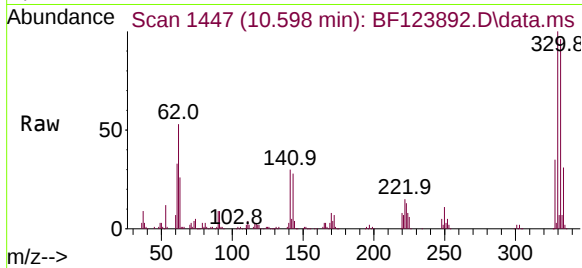




#67
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

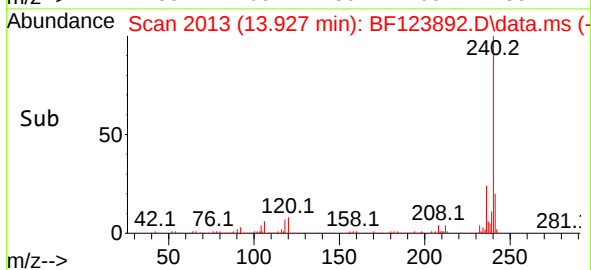
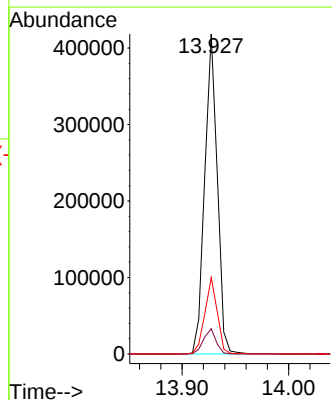
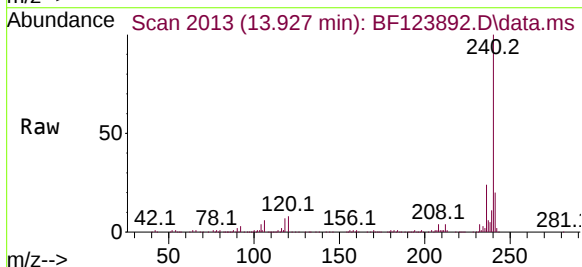
Instrument :
BNA_F
ClientSampleId :
PB136256TB

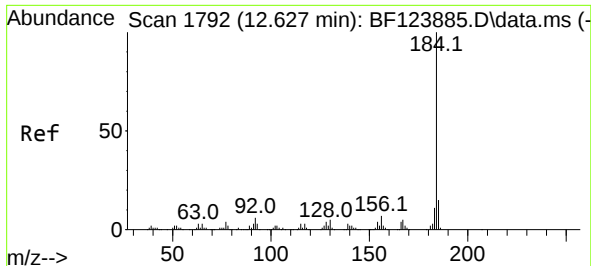
Tgt Ion:248 Resp: 17658
Ion Ratio Lower Upper
248 100
250 203.3 77.4 116.2#
141 555.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

Tgt Ion:240 Resp: 343849
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 23.9 19.0 28.4

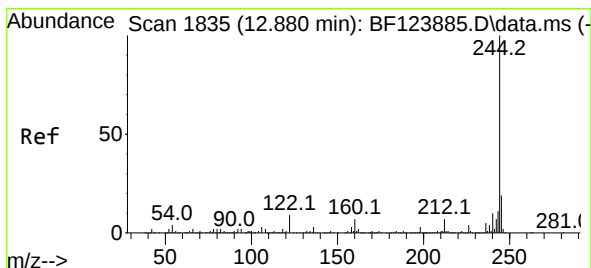
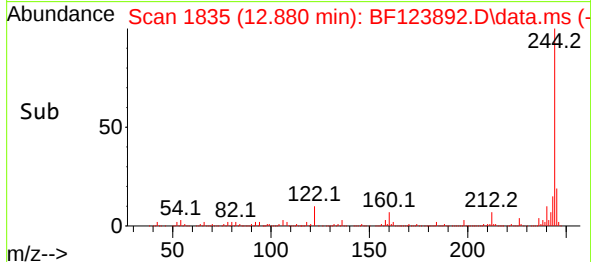
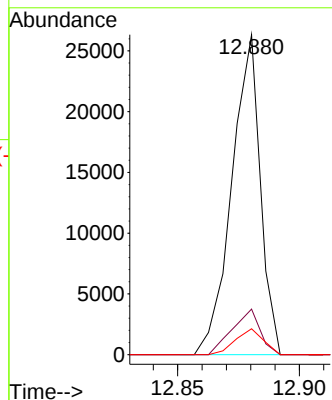
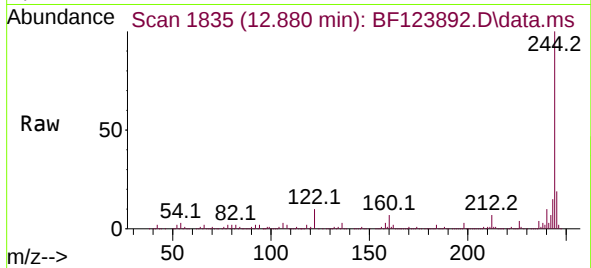




#77
Benzidine
Concen: 2.98 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

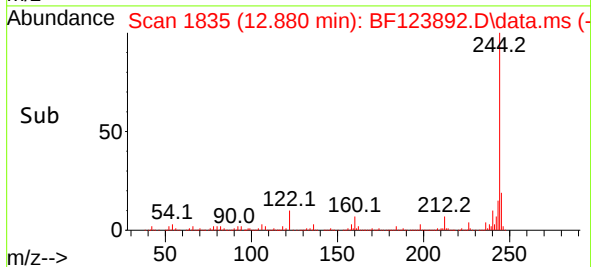
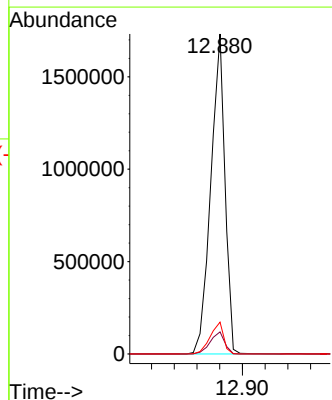
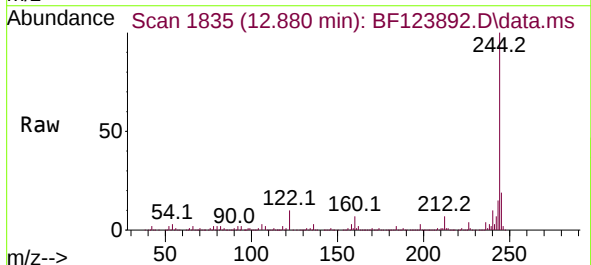
Instrument :
BNA_F
ClientSampleId :
PB136256TB

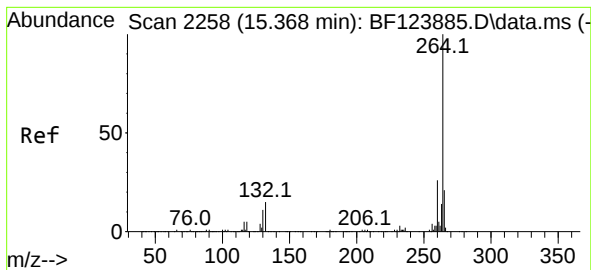
Tgt Ion:184 Resp: 21443
Ion Ratio Lower Upper
184 100
185 14.2 12.1 18.1
183 8.1 7.8 11.8



#79
Terphenyl-d14
Concen: 71.20 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF123892.D
Acq: 10 May 2021 19:29

Tgt Ion:244 Resp: 1498122
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: 15.368 min Scan# 2258
 Delta R.T. 0.000 min
 Lab File: BF123892.D
 Acq: 10 May 2021 19:29

Instrument :
 BNA_F
 ClientSampleId :
 PB136256TB

Tgt Ion:264 Resp: 265826
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 20.1 17.8 26.8

