

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
 Data File : BF123901.D
 Acq On : 11 May 2021 1:48
 Operator : JU/CG
 Sample : PB136232BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136232BL

Quant Time: May 11 05:41:39 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

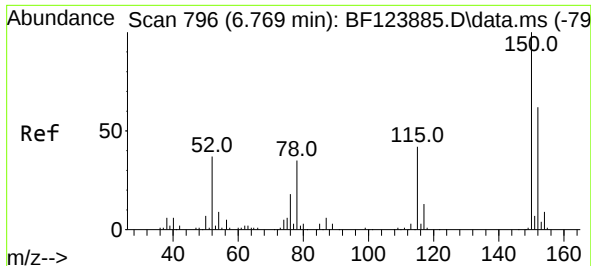
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	108027	20.00	ng	0.00
21) Naphthalene-d8	8.051	136	407691	20.00	ng	0.00
39) Acenaphthene-d10	9.804	164	244649	20.00	ng	0.00
64) Phenanthrene-d10	11.292	188	385789	20.00	ng	# 0.00
76) Chrysene-d12	13.927	240	302996	20.00	ng	0.00
86) Perylene-d12	15.368	264	240885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	883735	119.47	ng	0.01
7) Phenol-d6	6.416	99	1118329	113.27	ng	0.00
23) Nitrobenzene-d5	7.334	82	810224	82.49	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	379169	105.22	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1578188	80.50	ng	0.00
79) Terphenyl-d14	12.880	244	1653732	89.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	114824	18.99	ng	# 79
25) Isophorone	7.334	82	810209	47.94	ng	# 69
50) Dimethylphthalate	9.804	163	43036	2.32	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	31375	7.50	ng	# 12
57) 2,4-Dinitrotoluene	9.804	165	31375	5.45	ng	# 17
67) 4-Bromophenyl-phenylether	10.598	248	20349	4.93	ng	# 1

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

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QLast Update : Mon May 10 16:46:01 2021
Response via : Initial Calibration

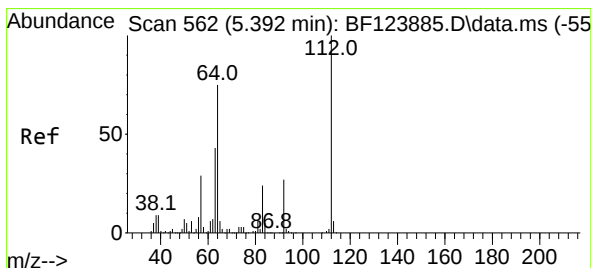
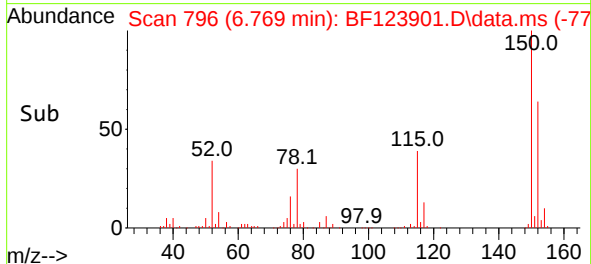
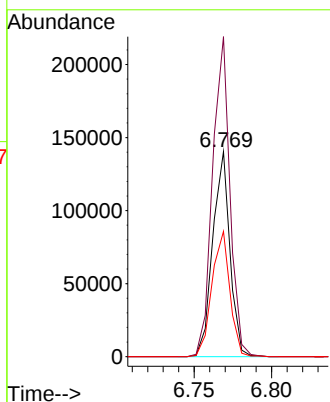
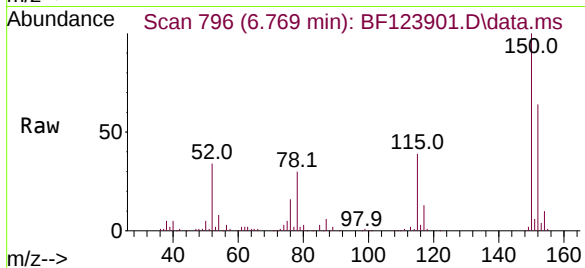




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.769 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BF123901.D
 Acq: 11 May 2021 1:48

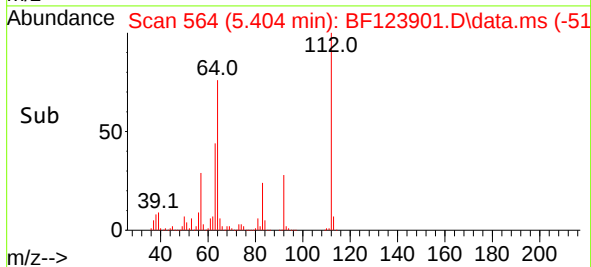
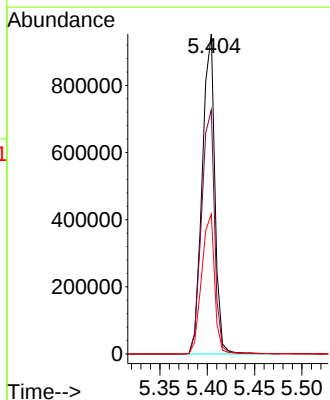
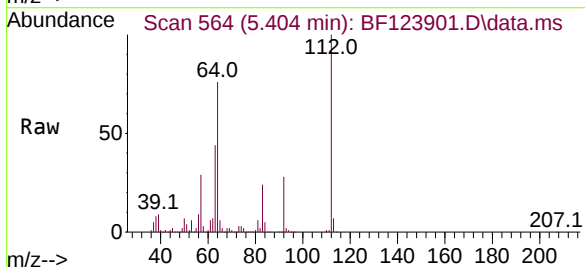
Instrument :
 BNA_F
 ClientSampleID :
 PB136232BL

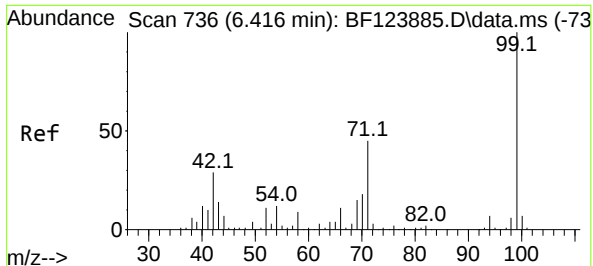
Tgt Ion:152 Resp: 108027
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.0 190.6
 115 61.1 54.3 81.5



#5
 2-Fluorophenol
 Concen: 119.47 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: BF123901.D
 Acq: 11 May 2021 1:48

Tgt Ion:112 Resp: 883735
 Ion Ratio Lower Upper
 112 100
 64 76.2 61.4 92.0
 63 43.7 33.0 49.4

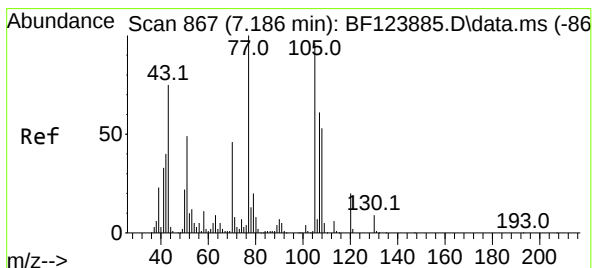
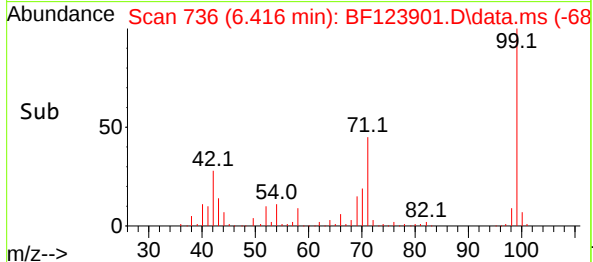
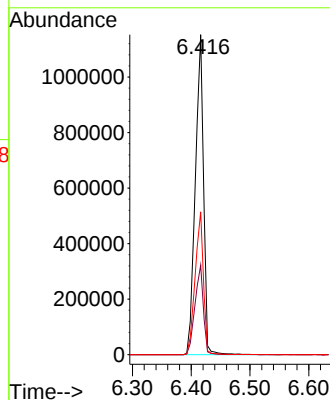
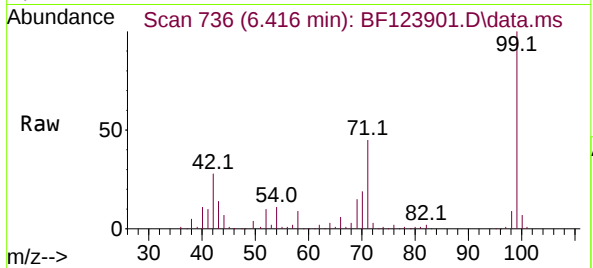




#7
Phenol-d6
Concen: 113.27 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

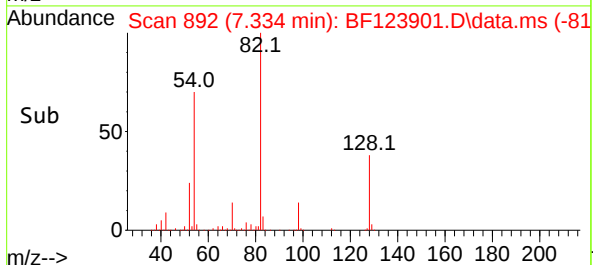
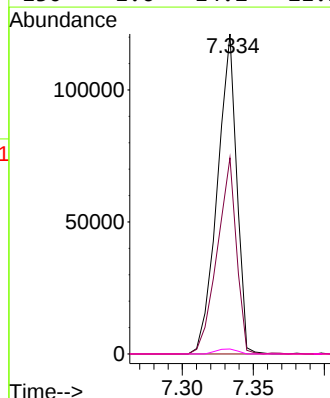
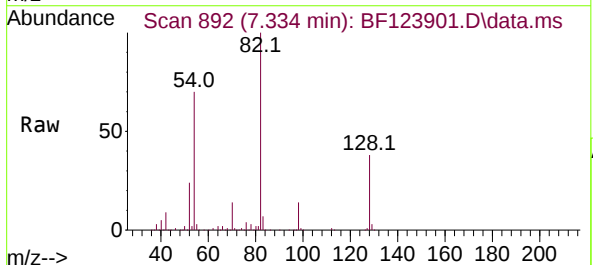
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BNA_F
ClientSampleId :
PB136232BL

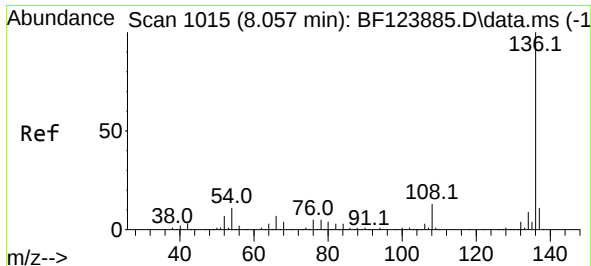
Tgt Ion: 99 Resp: 1118329
Ion Ratio Lower Upper
99 100
42 28.0 19.8 29.8
71 44.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.99 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

Tgt Ion: 70 Resp: 114824
Ion Ratio Lower Upper
70 100
42 61.3 60.1 90.1
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

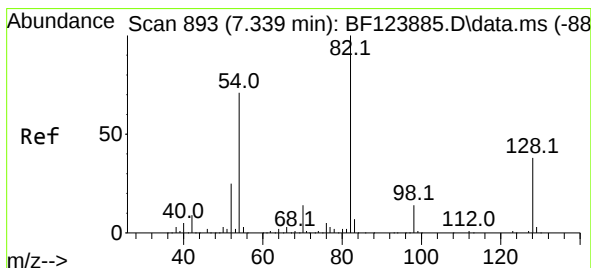
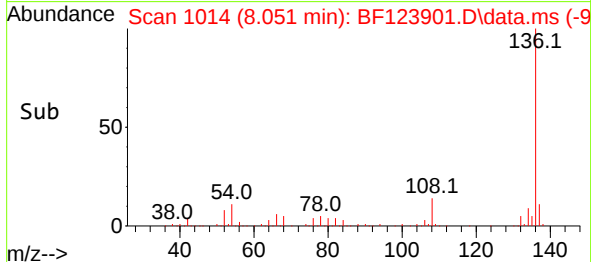
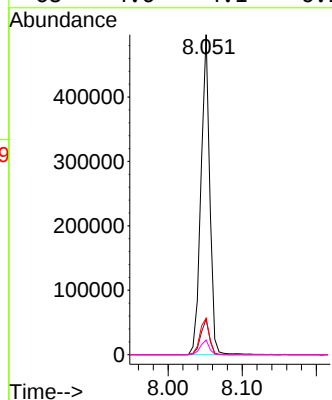
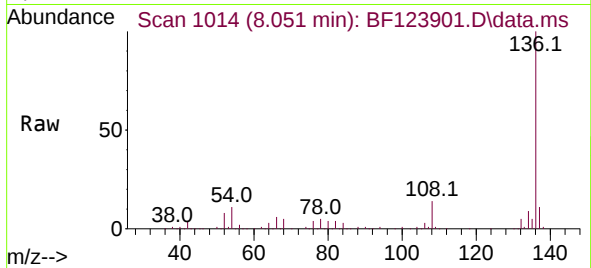




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

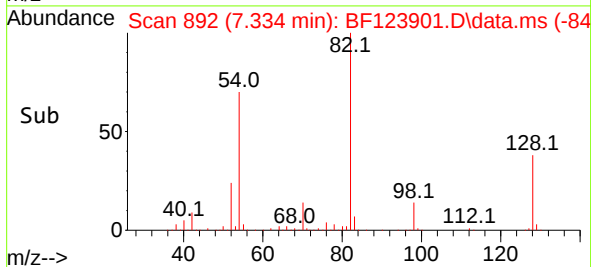
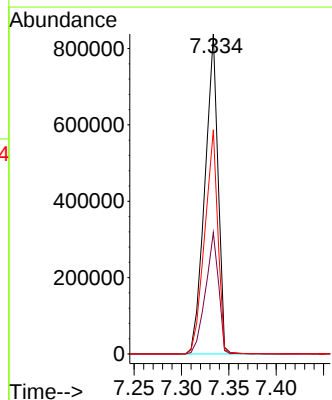
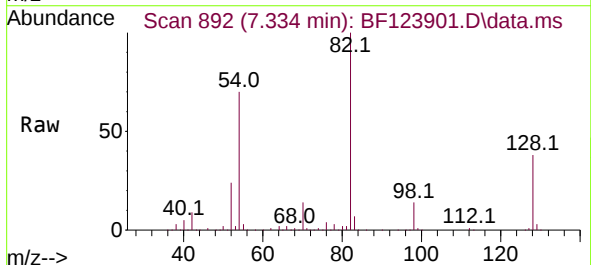
Instrument :
BNA_F
ClientSampleId :
PB136232BL

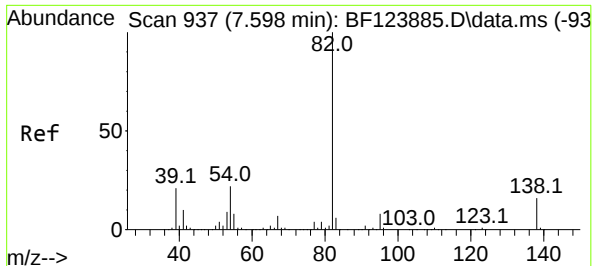
Tgt	Ion:136	Resp:	407691
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.4	9.8	14.6
68	4.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 82.49 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

Tgt Ion: 82	Resp: 810224
Ion Ratio	Lower Upper
82 100	
128 38.0	29.4 44.2
54 70.0	54.1 81.1





#25

Isophorone

Concen: 47.94 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.265 min

Lab File: BF123901.D

Acq: 11 May 2021 1:48

Tgt Ion: 82 Resp: 810209

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

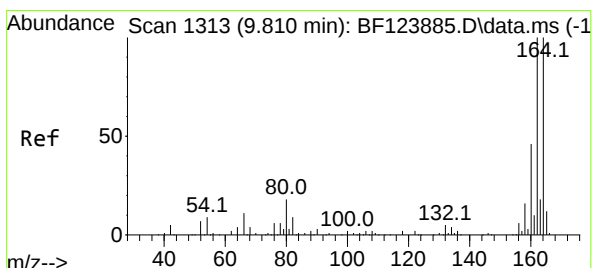
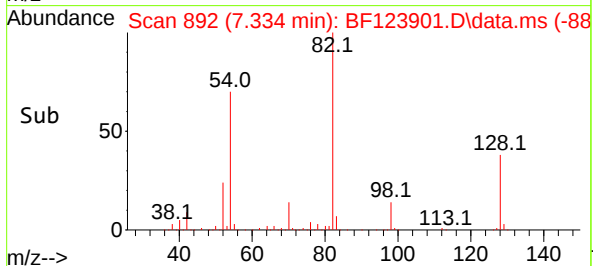
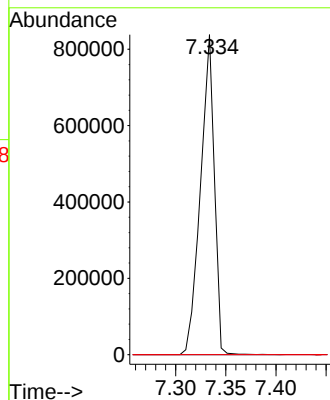
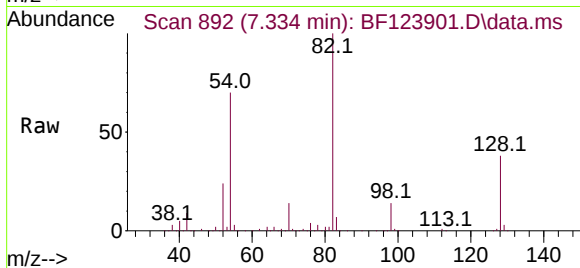
138 0.0 11.8 17.8#

Instrument :

BNA_F

ClientSampleId :

PB136232BL



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF123901.D

Acq: 11 May 2021 1:48

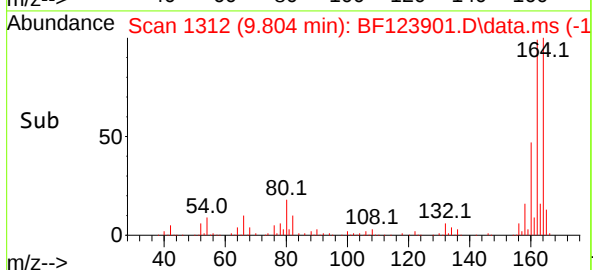
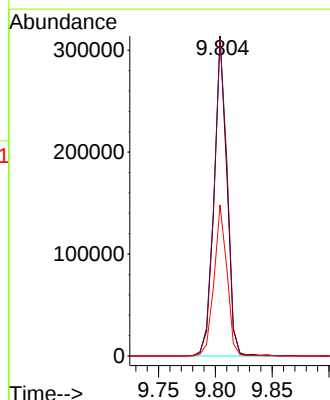
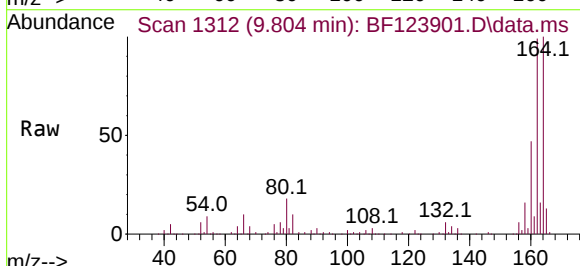
Tgt Ion:164 Resp: 244649

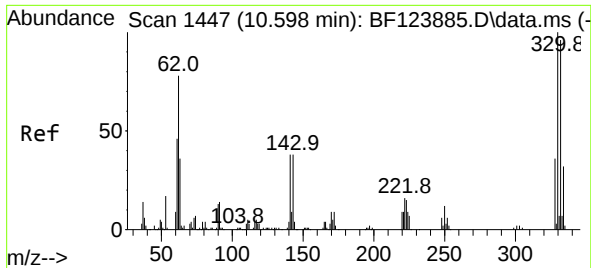
Ion Ratio Lower Upper

164 100

162 99.3 80.7 121.1

160 47.2 37.3 55.9

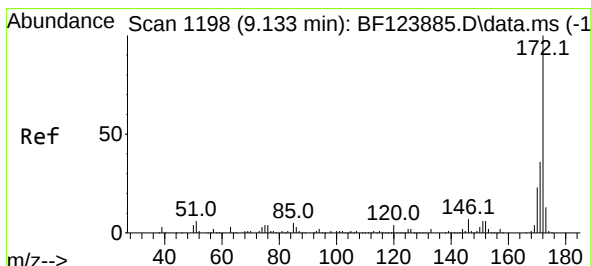
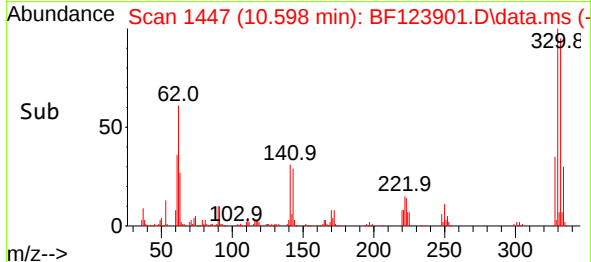
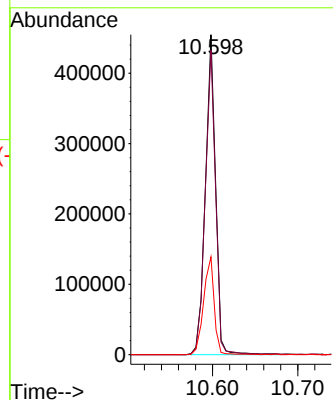
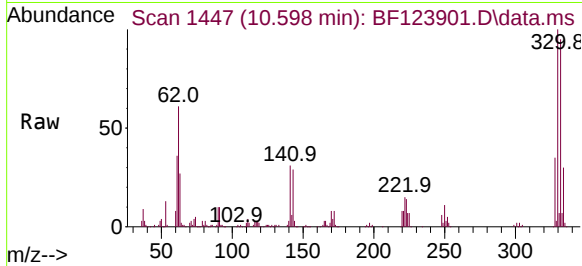




#42
2,4,6-Tribromophenol
Concen: 105.22 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

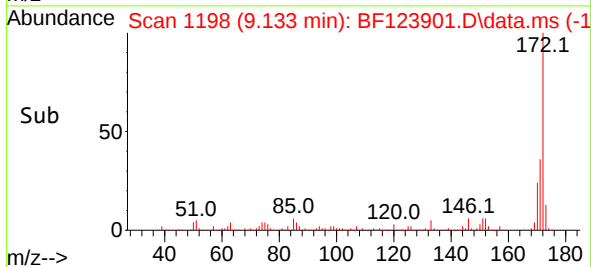
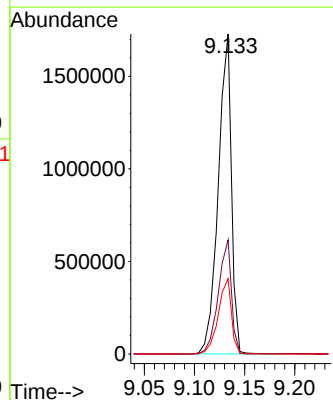
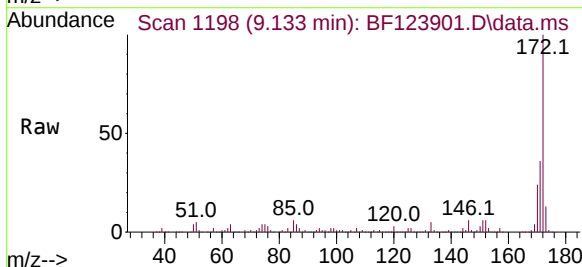
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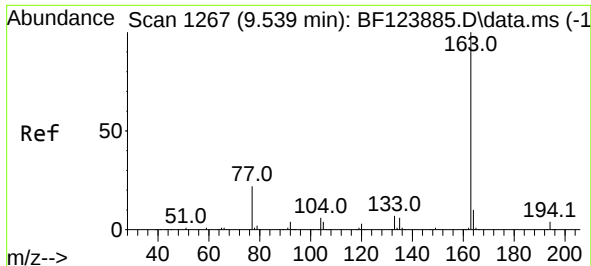
Tgt Ion: 330 Resp: 379169
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 31.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 80.50 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

Tgt Ion: 172 Resp: 1578188
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.6 19.2 28.8

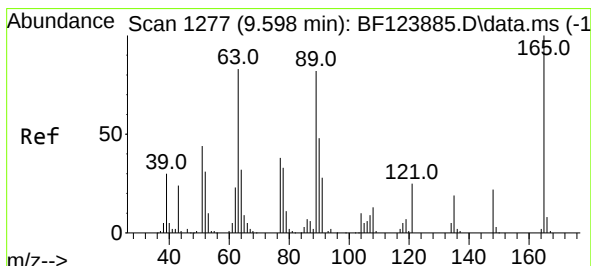
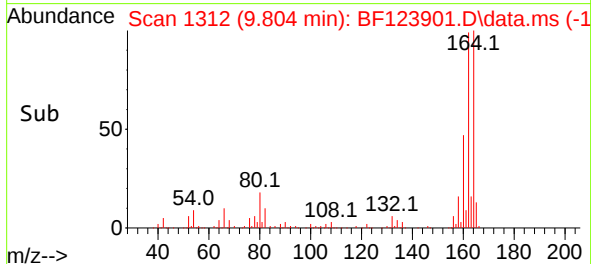
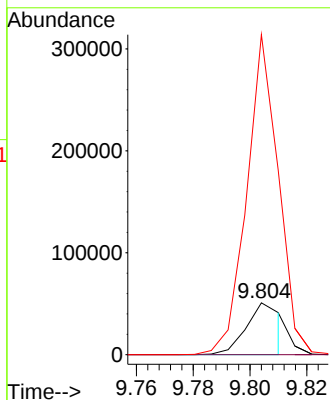
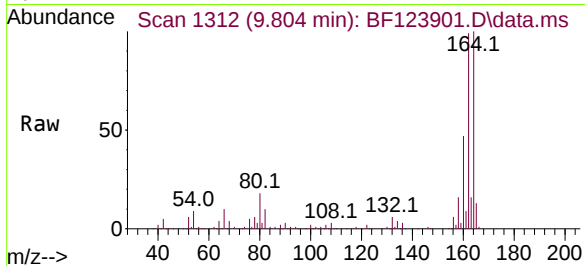




#50
Dimethylphthalate
Concen: 2.32 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.265 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

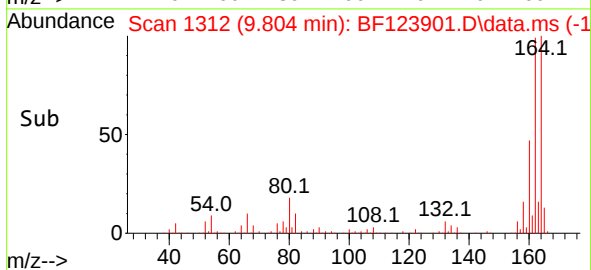
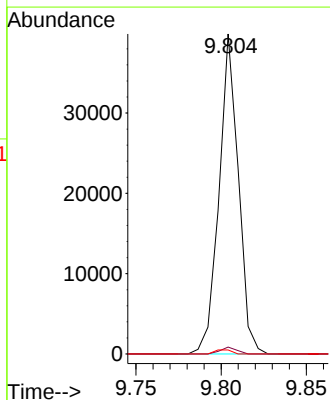
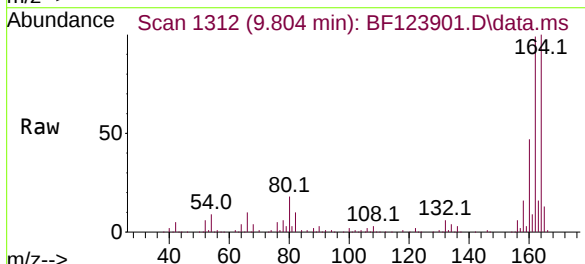
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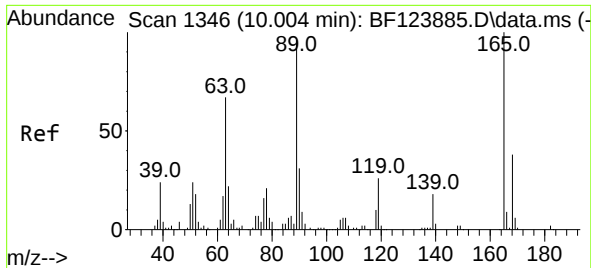
Tgt Ion:163 Resp: 43036
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 617.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.50 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.206 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

Tgt Ion:165 Resp: 31375
Ion Ratio Lower Upper
165 100
63 2.1 67.7 101.5#
89 1.3 58.8 88.2#

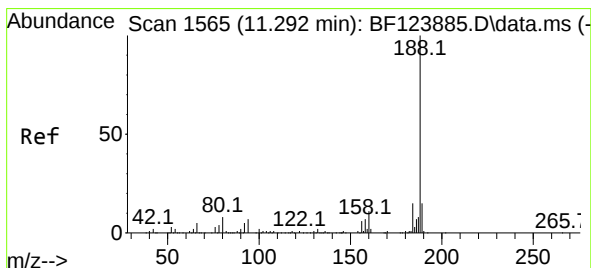
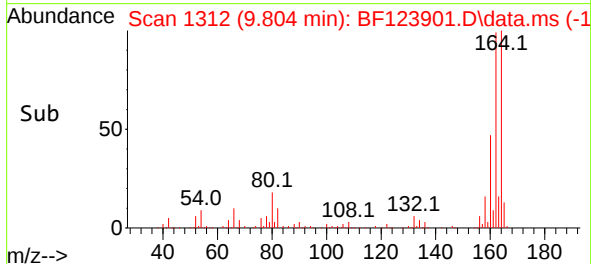
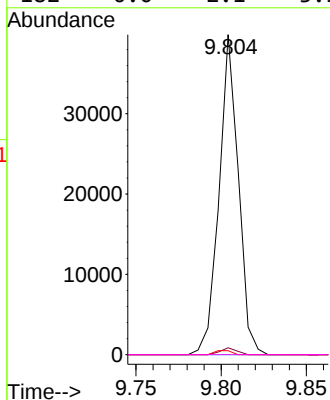
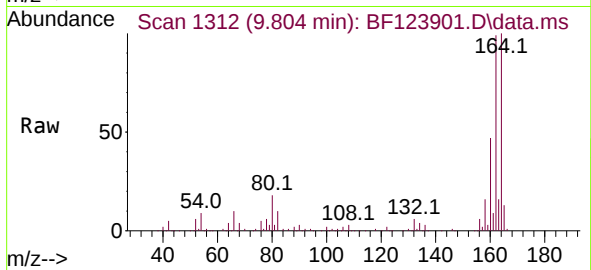




#57
2,4-Dinitrotoluene
Concen: 5.45 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.200 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

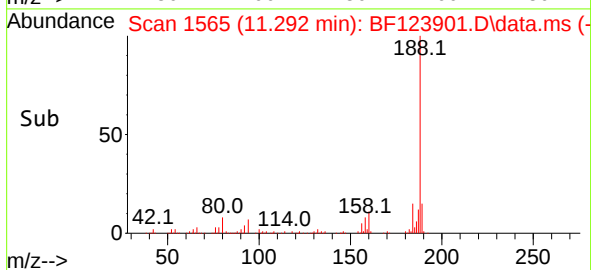
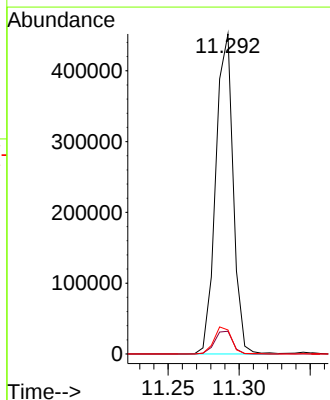
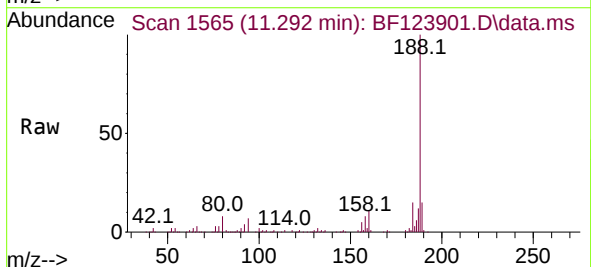
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ClientSampleId :
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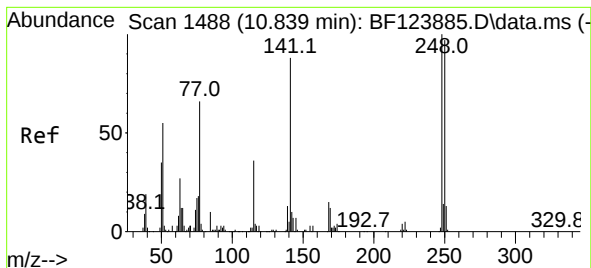
Tgt Ion:165	Resp:	31375
Ion Ratio	Lower	Upper
165	100	
63	2.1	43.5 65.3#
89	1.3	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

Tgt Ion:188	Resp:	385789
Ion Ratio	Lower	Upper
188	100	
94	7.1	6.9 10.3
80	7.5	8.2 12.2#

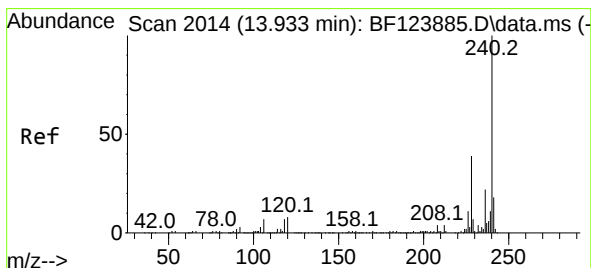
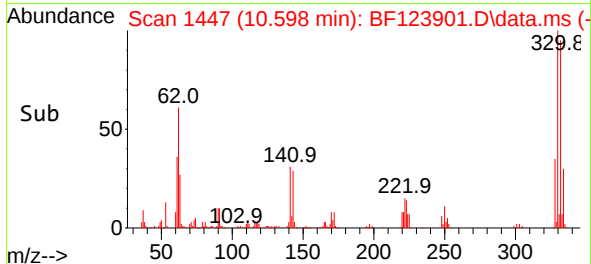
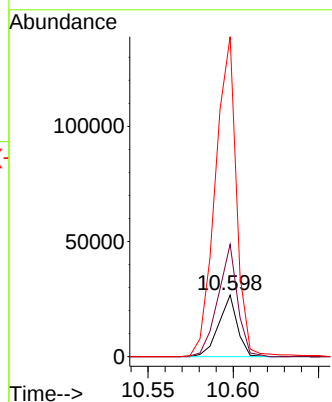
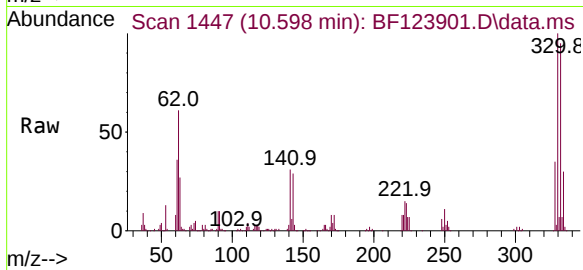




#67
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

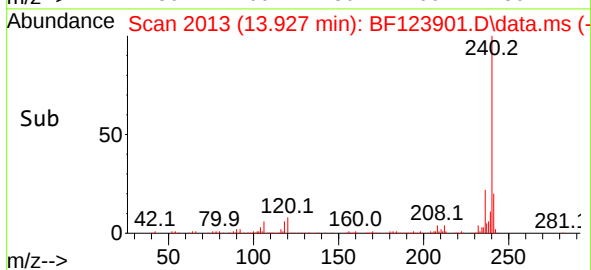
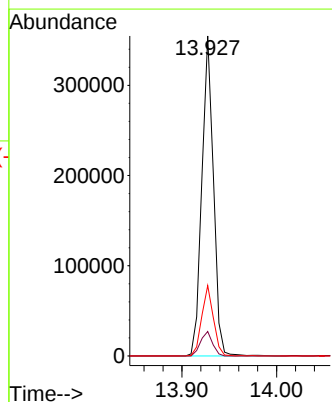
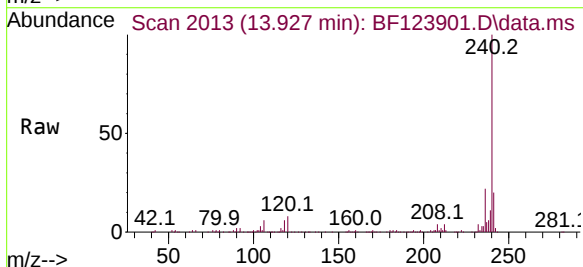
Instrument :
BNA_F
ClientSampleId :
PB136232BL

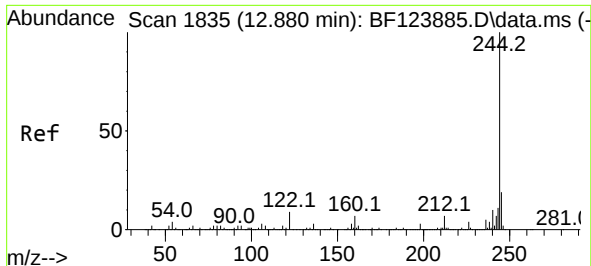
Tgt Ion:248 Resp: 20349
Ion Ratio Lower Upper
248 100
250 182.4 77.4 116.2#
141 519.7 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

Tgt Ion:240 Resp: 302996
Ion Ratio Lower Upper
240 100
120 7.6 7.2 10.8
236 22.0 19.0 28.4

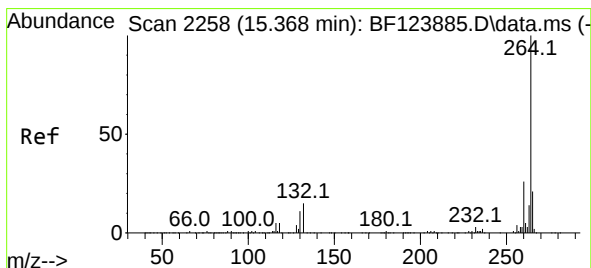
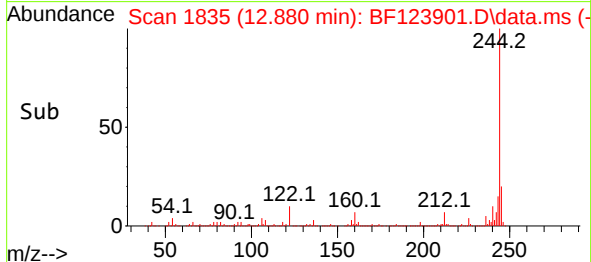
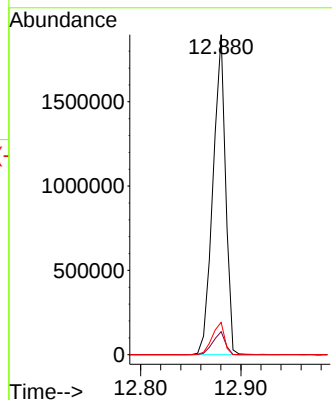
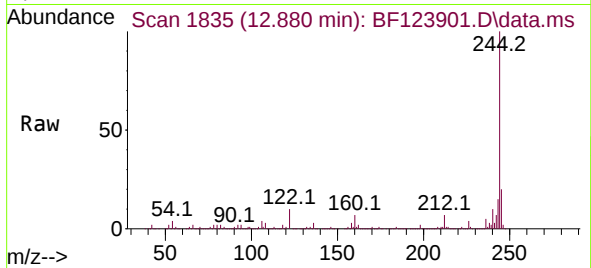




#79
Terphenyl-d14
Concen: 89.19 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF123901.D
Acq: 11 May 2021 1:48

Instrument :
BNA_F
ClientSampleId :
PB136232BL

Tgt Ion:244 Resp: 1653732
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.1 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: BF123901.D
Acq: 11 May 2021 1:48

Tgt Ion:264 Resp: 240885
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.6 17.8 26.8

