

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091820\
 Data File : BN011834.D
 Acq On : 18 Sep 2020 13:41
 Operator : CG/JU
 Sample : L3971-05DL 25X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Sep 18 14:08:59 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 10:47:35 2020
 Response via : Initial Calibration

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

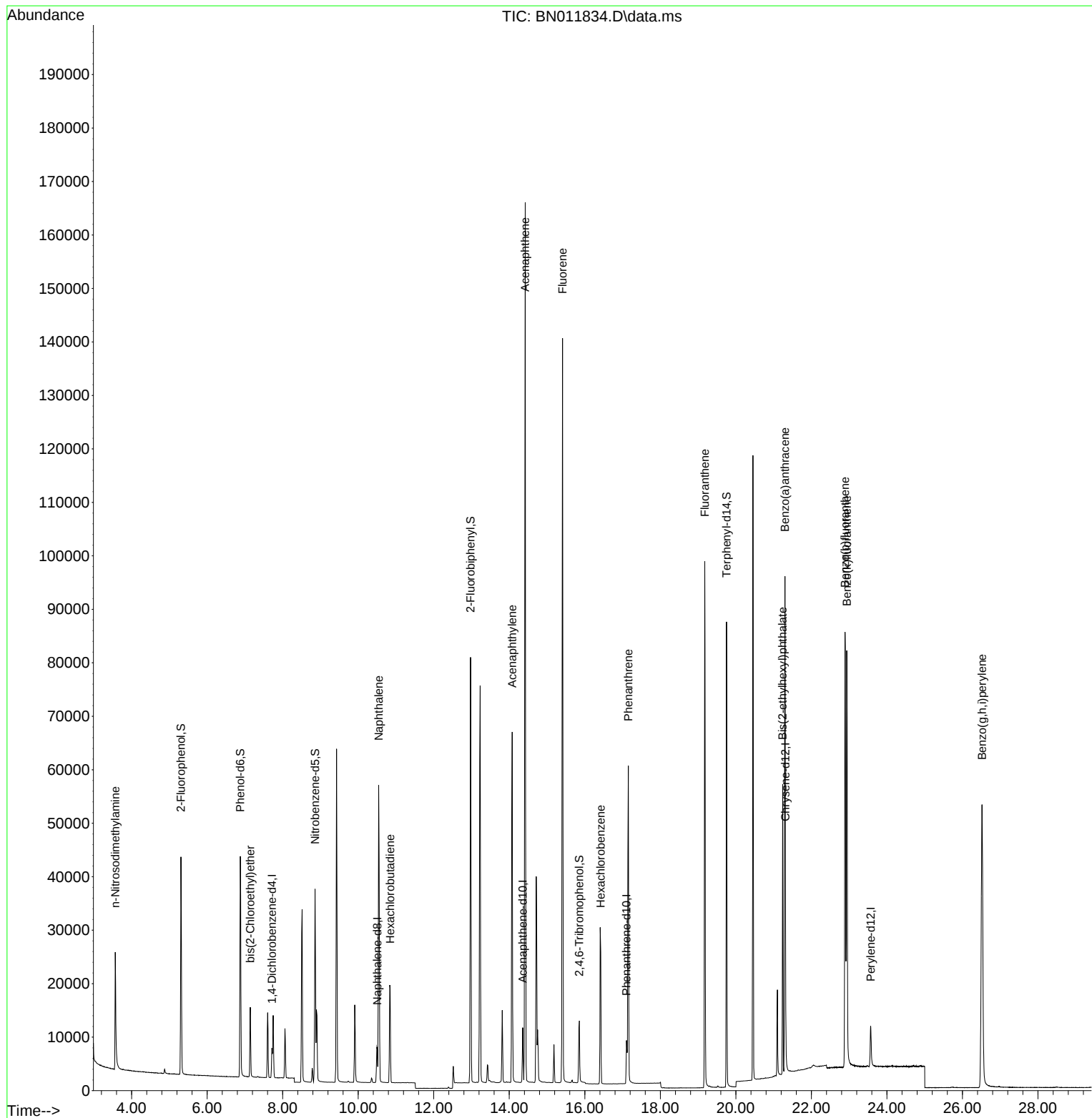
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	2484	0.40	ng	0.00
7) Naphthalene-d8	10.504	136	9530	0.40	ng	# 0.01
13) Acenaphthene-d10	14.357	164	5367	0.40	ng	0.00
19) Phenanthrene-d10	17.102	188	11471	0.40	ng	0.00
29) Chrysene-d12	21.312	240	12237	0.40	ng	# 0.00
36) Perylene-d12	23.569	264	11254	0.40	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.307	112	29713	4.05	ng	0.00
5) Phenol-d6	6.878	99	36262	4.03	ng	0.00
8) Nitrobenzene-d5	8.856	82	27752	2.89	ng	0.00
11) 2-Methylnaphthalene-d10	12.131	152	5	0.00	ng	0.04
14) 2,4,6-Tribromophenol	15.854	330	9985	3.66	ng	0.00
15) 2-Fluorobiphenyl	12.974	172	66792	2.88	ng	0.00
27) Fluoranthene-d10	19.142	212	34	0.00	ng	0.00
31) Terphenyl-d14	19.752	244	83018	2.97	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.568	42	14357	2.91	ng	# 71
6) bis(2-Chloroethyl)ether	7.143	93	9359	1.18	ng	99
9) Naphthalene	10.542	128	72315	2.70	ng	98
10) Hexachlorobutadiene	10.846	225	16468	2.66	ng	# 99
16) Acenaphthylene	14.078	152	74619	2.88	ng	99
17) Acenaphthene	14.420	154	76953	4.27	ng	93
18) Fluorene	15.410	166	31285	1.39	ng	100
22) Hexachlorobenzene	16.421	284	24112	2.86	ng	95
25) Phenanthrene	17.151	178	65236	1.80	ng	99
28) Fluoranthene	19.176	202	88756	2.09	ng	# 98
32) Benzo(a)anthracene	21.301	228	80796	1.95	ng	100
34) Bis(2-ethylhexyl)phtha...	21.237	149	42171	1.98	ng	98
37) Benzo(b)fluoranthene	22.892	252	101480	2.42	ng	98
38) Benzo(k)fluoranthene	22.936	252	103064	2.38	ng	97
41) Benzo(g,h,i)perylene	26.517	276	116781	2.66	ng	98

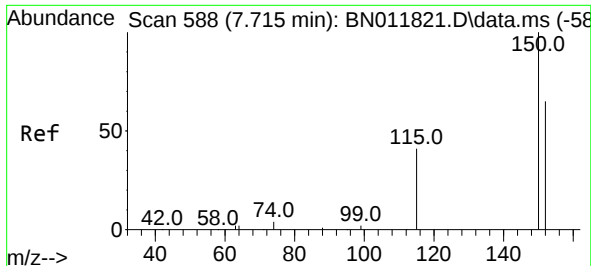
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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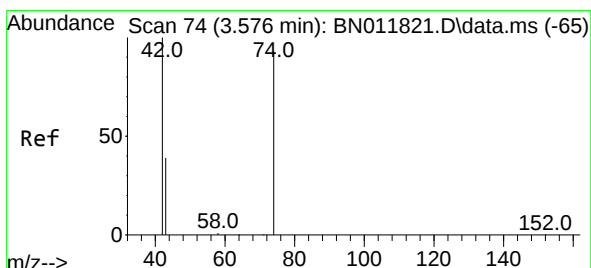
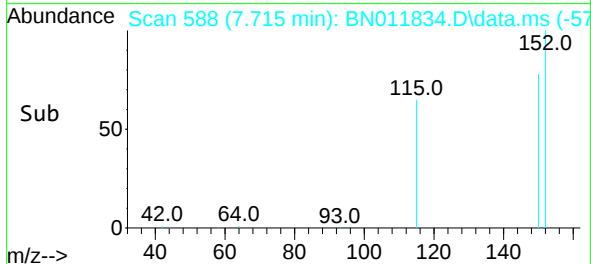
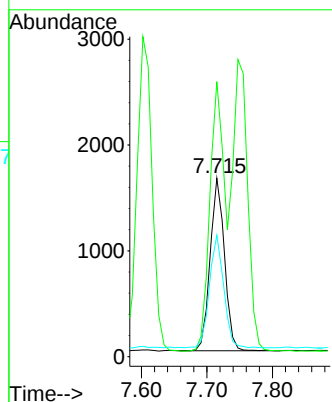
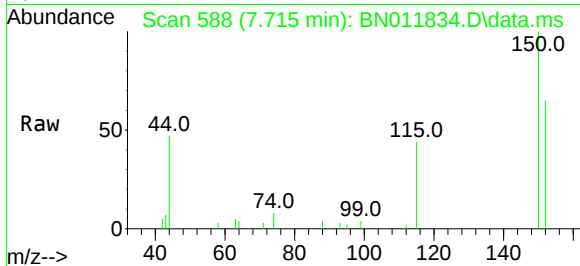




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 588
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

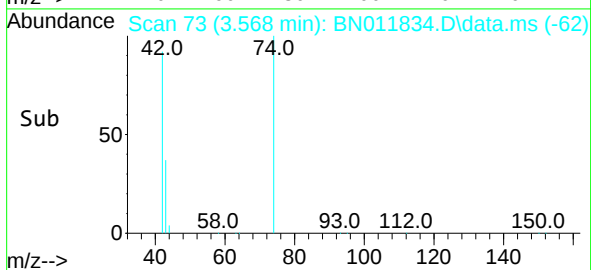
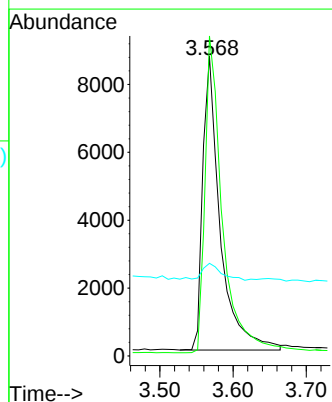
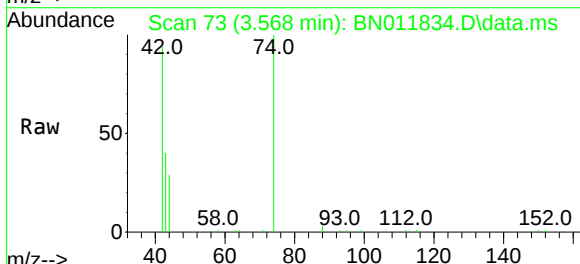
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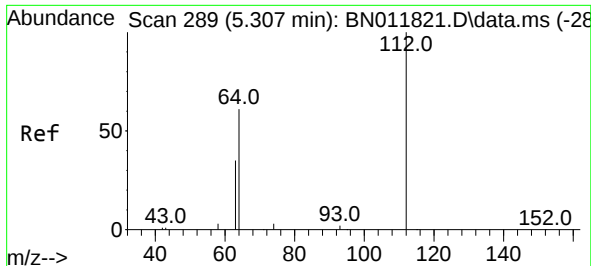
Tgt Ion:152 Resp: 2484
Ion Ratio Lower Upper
152 100
150 154.2 118.3 177.5
115 68.1 51.3 76.9



#3
n-Nitrosodimethylamine
Concen: 2.91 ng
RT: 3.568 min Scan# 73
Delta R.T. -0.008 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion: 42 Resp: 14357
Ion Ratio Lower Upper
42 100
74 108.3 64.4 96.6#
44 5.9 6.7 10.1#

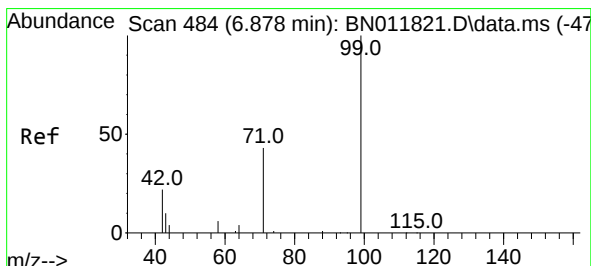
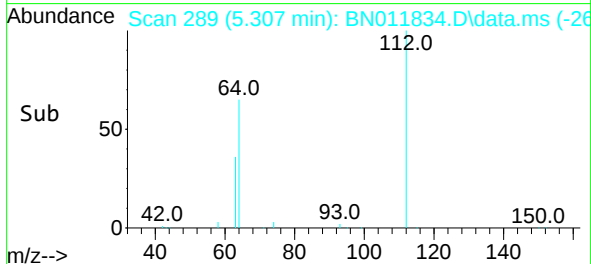
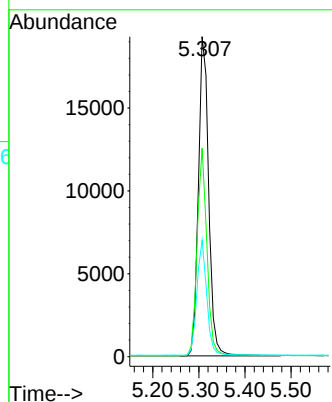
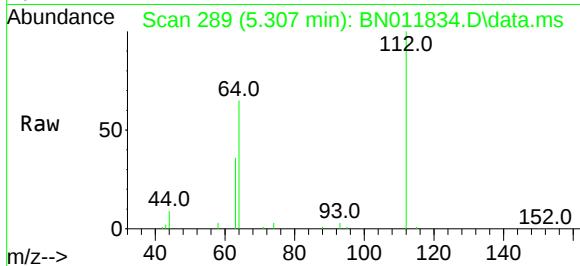




#4
2-Fluorophenol
Concen: 4.05 ng
RT: 5.307 min Scan# 289
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

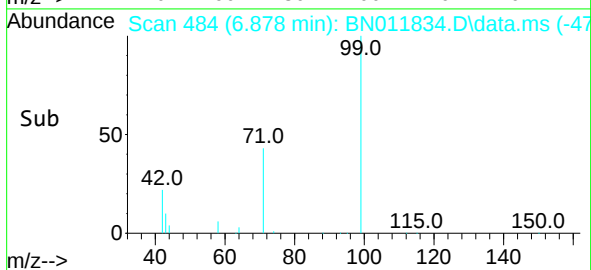
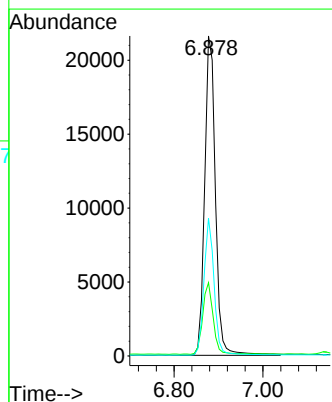
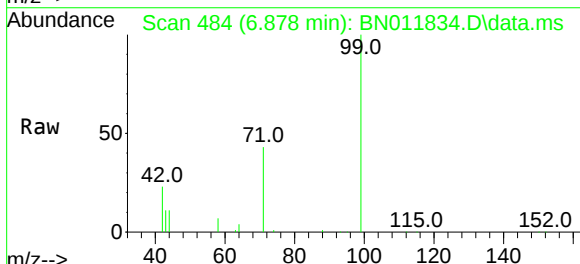
Instrument :
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ClientSampleId :
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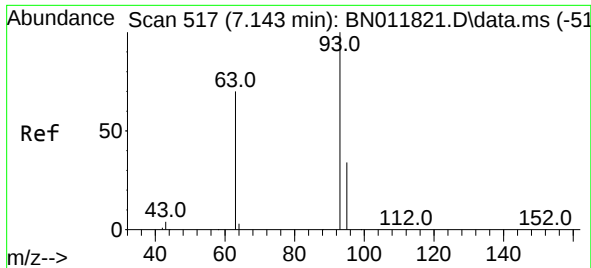
Tgt Ion:112 Resp: 29713
Ion Ratio Lower Upper
112 100
64 62.2 49.0 73.6
63 34.5 31.8 47.6



#5
Phenol-d6
Concen: 4.03 ng
RT: 6.878 min Scan# 484
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion: 99 Resp: 36262
Ion Ratio Lower Upper
99 100
42 22.0 23.4 35.0#
71 40.7 38.1 57.1

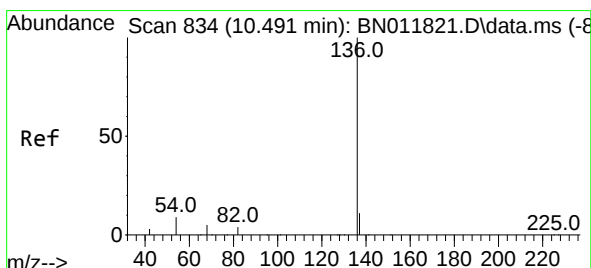
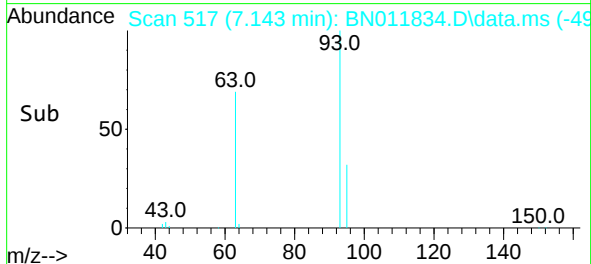
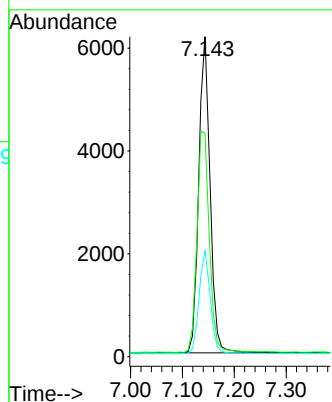
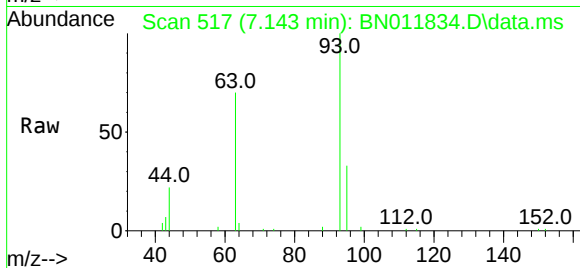




#6
bis(2-Chloroethyl)ether
Concen: 1.18 ng
RT: 7.143 min Scan# 517
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

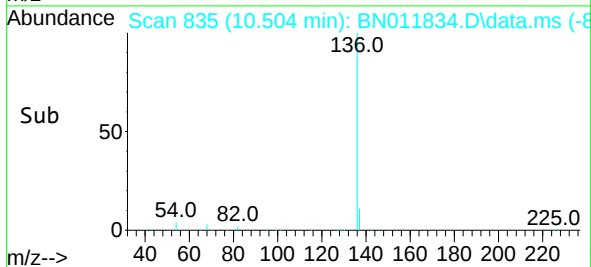
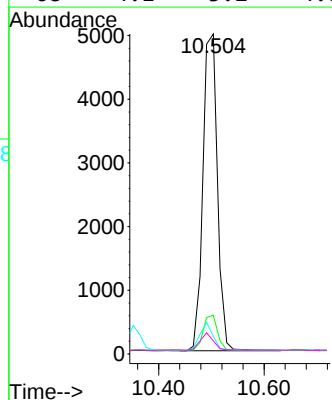
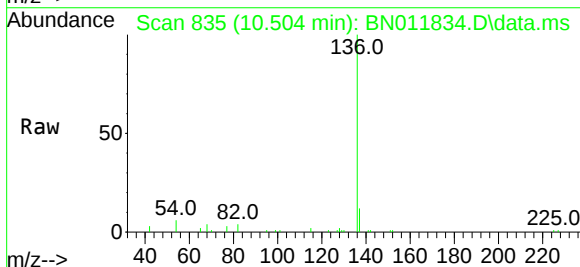
Instrument :
BNA_N
ClientSampleId :
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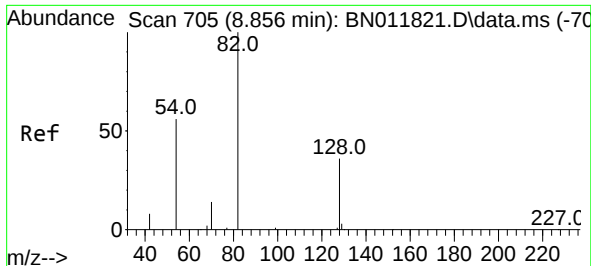
Tgt Ion:	93	Resp:	9359
Ion	Ratio	Lower	Upper
93	100		
63	76.0	61.1	91.7
95	32.6	25.5	38.3



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.504 min Scan# 835
Delta R.T. 0.013 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:	136	Resp:	9530
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	5.5	5.6	8.4#
68	4.1	3.2	4.8

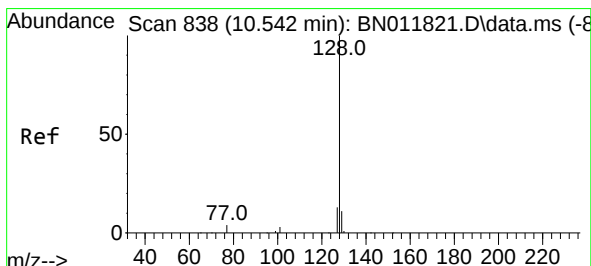
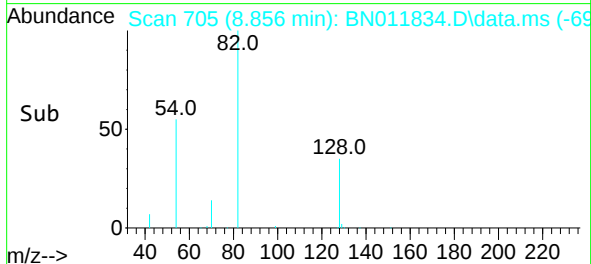
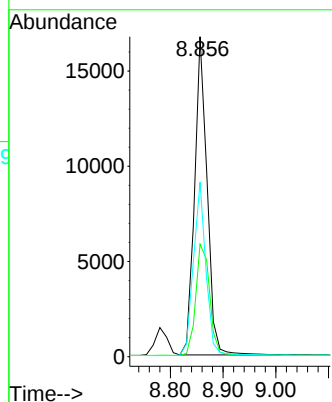
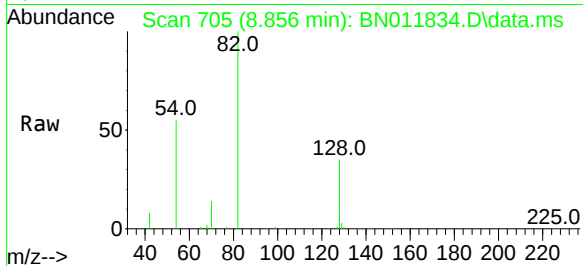




#8
Nitrobenzene-d5
Concen: 2.89 ng
RT: 8.856 min Scan# 705
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

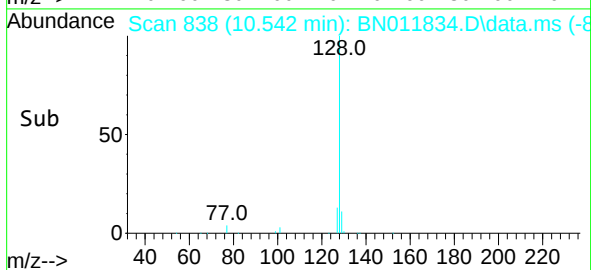
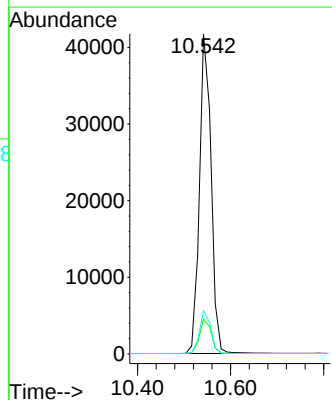
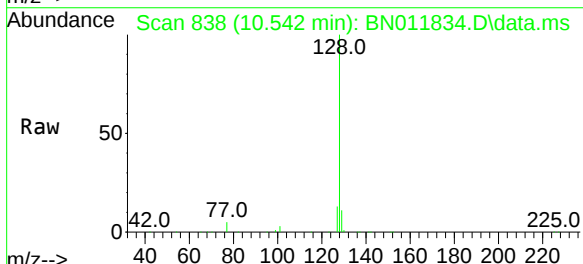
Instrument :
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ClientSampleId :
PT-BN-WPDL

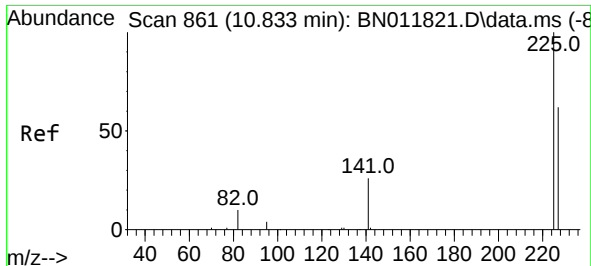
Tgt Ion: 82 Resp: 27752
Ion Ratio Lower Upper
82 100
128 35.2 34.2 51.2
54 54.6 43.1 64.7



#9
Naphthalene
Concen: 2.70 ng
RT: 10.542 min Scan# 838
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion: 128 Resp: 72315
Ion Ratio Lower Upper
128 100
129 11.0 9.7 14.5
127 13.4 11.0 16.4

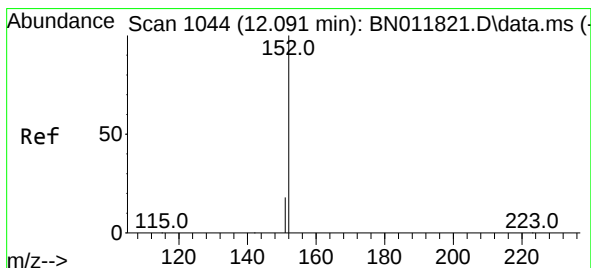
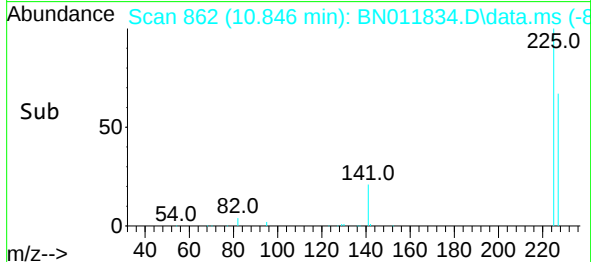
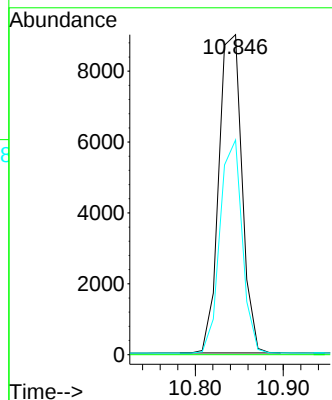
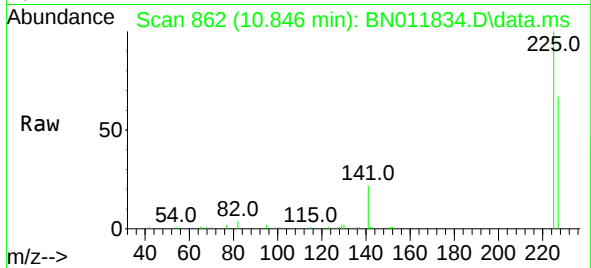




#10
Hexachlorobutadiene
Concen: 2.66 ng
RT: 10.846 min Scan# 862
Delta R.T. 0.013 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

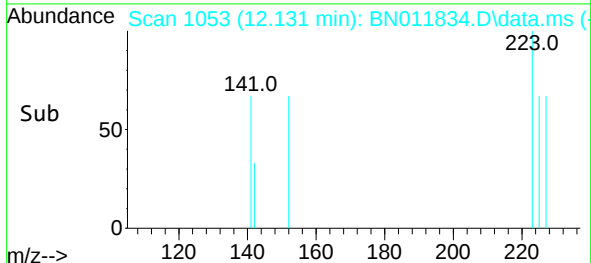
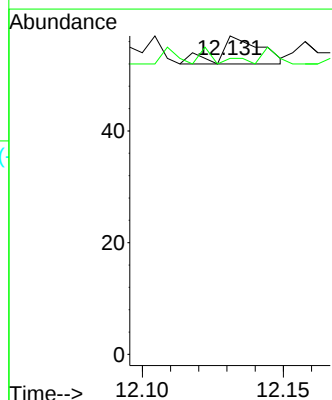
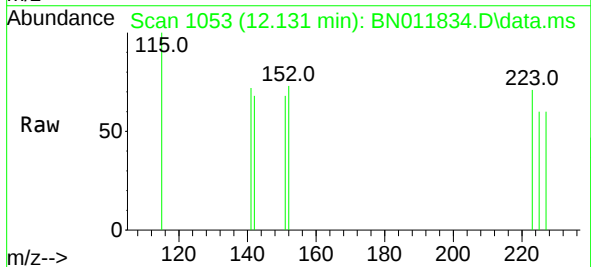
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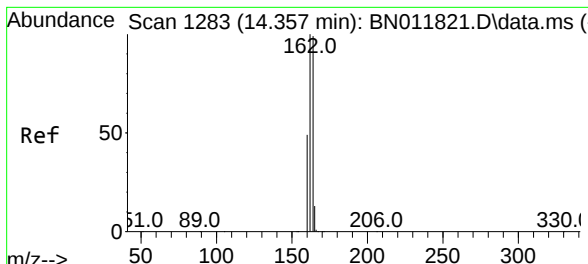
Tgt Ion:225 Resp: 16468
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.1 51.9 77.9



#11
2-Methylnaphthalene-d10
Concen: 0.00 ng
RT: 12.131 min Scan# 1053
Delta R.T. 0.040 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1

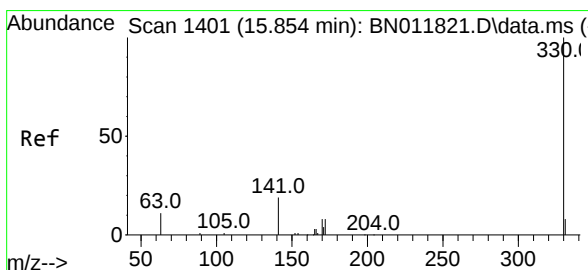
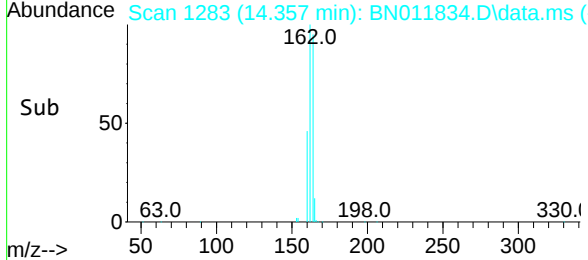
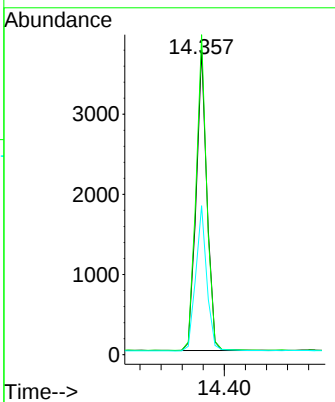
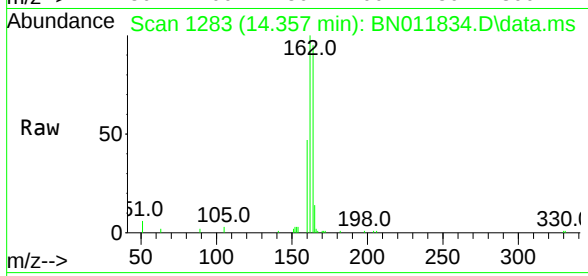




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.357 min Scan# 1283
 Delta R.T. 0.000 min
 Lab File: BN011834.D
 Acq: 18 Sep 2020 13:41

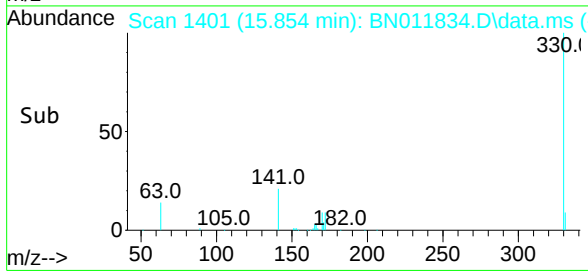
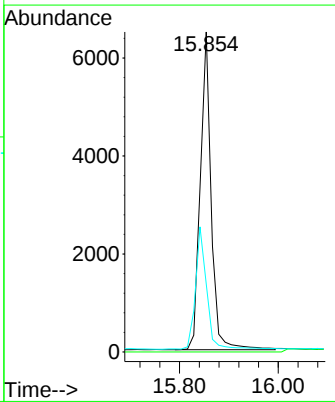
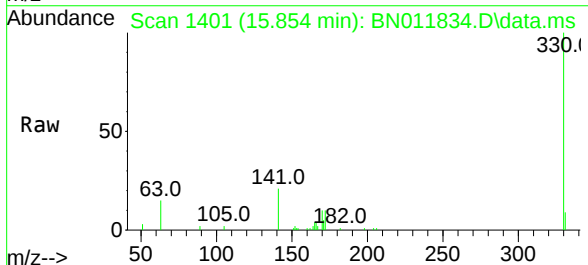
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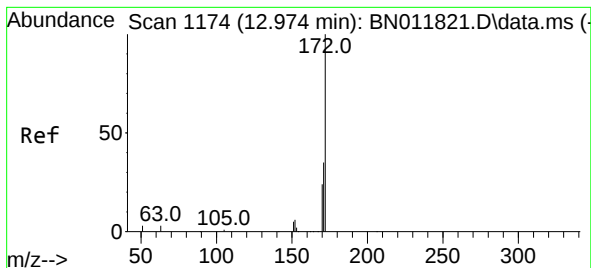
Tgt Ion:	164	Resp:	5367
Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.6	125.4
160	48.8	41.2	61.8



#14
 2,4,6-Tribromophenol
 Concen: 3.66 ng
 RT: 15.854 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: BN011834.D
 Acq: 18 Sep 2020 13:41

Tgt Ion:	330	Resp:	9985
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.9	33.7	50.5

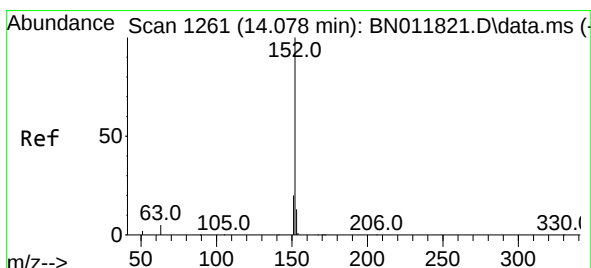
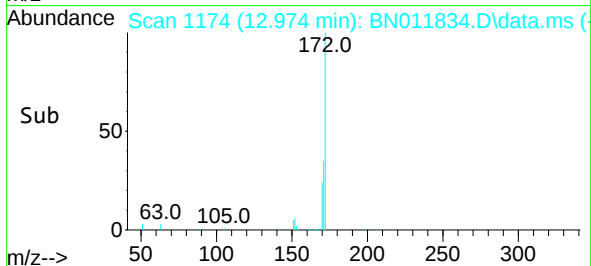
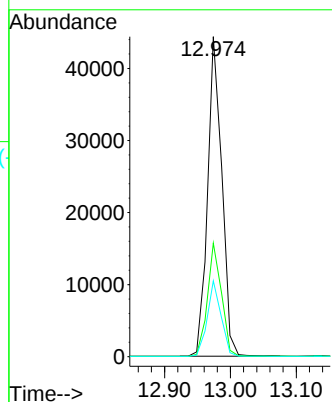
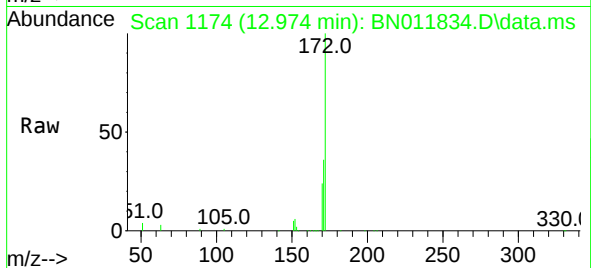




#15
2-Fluorobiphenyl
Concen: 2.88 ng
RT: 12.974 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

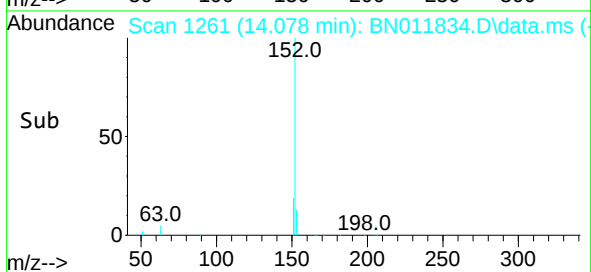
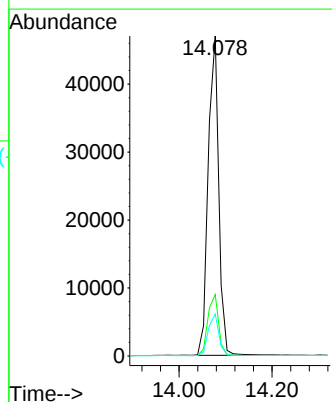
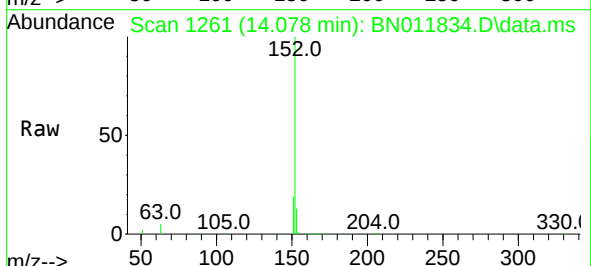
Instrument :
BNA_N
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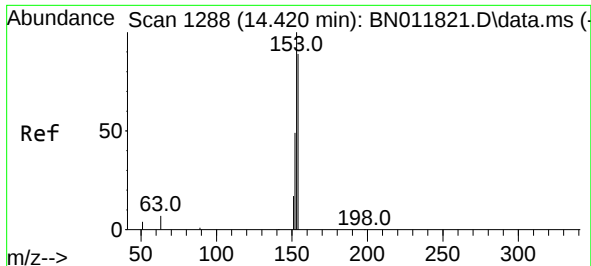
Tgt Ion:172 Resp: 66792
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.2
170 23.7 17.8 26.6



#16
Acenaphthylene
Concen: 2.88 ng
RT: 14.078 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:152 Resp: 74619
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.0 10.5 15.7

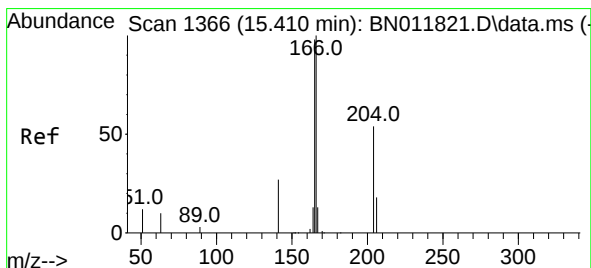
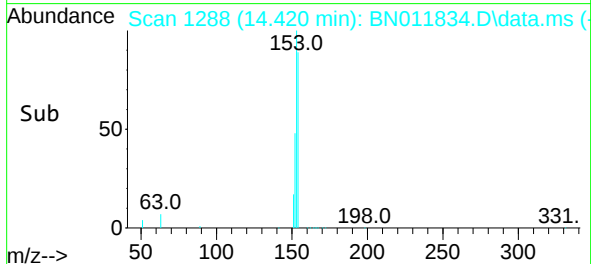
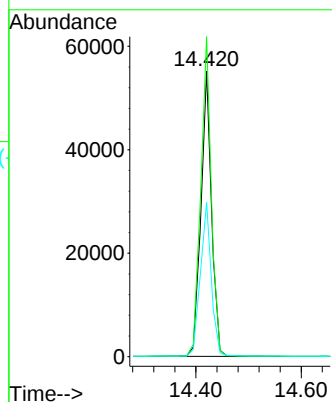
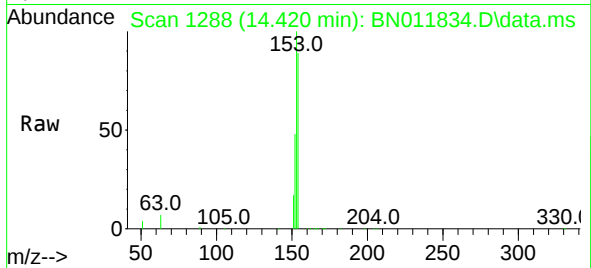




#17
Acenaphthene
Concen: 4.27 ng
RT: 14.420 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

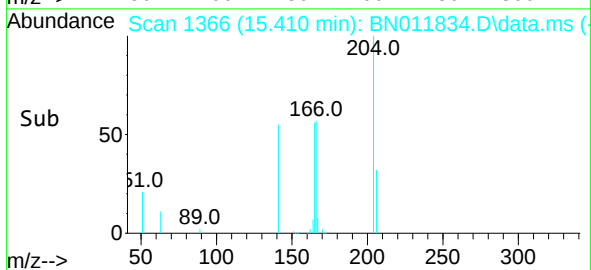
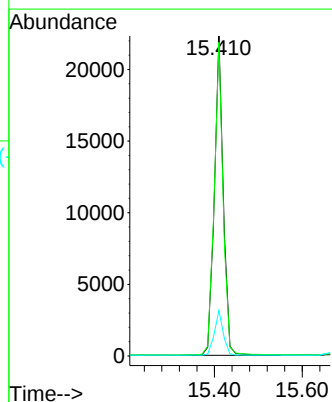
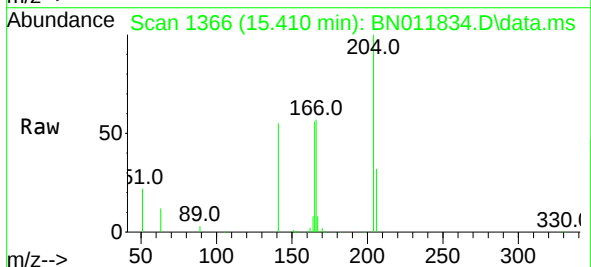
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

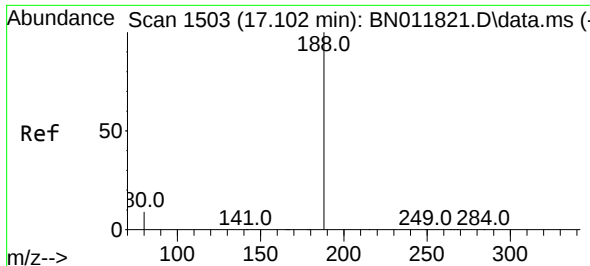
Tgt Ion:154 Resp: 76953
Ion Ratio Lower Upper
154 100
153 112.9 83.4 125.2
152 55.6 42.8 64.2



#18
Fluorene
Concen: 1.39 ng
RT: 15.410 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:166 Resp: 31285
Ion Ratio Lower Upper
166 100
165 98.0 78.8 118.2
167 14.0 11.2 16.8

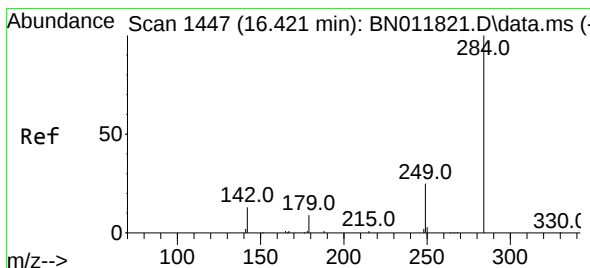
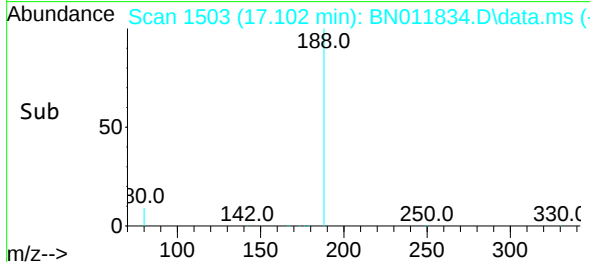
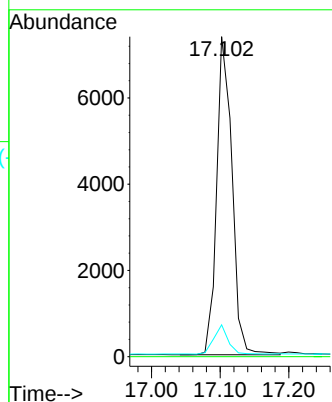
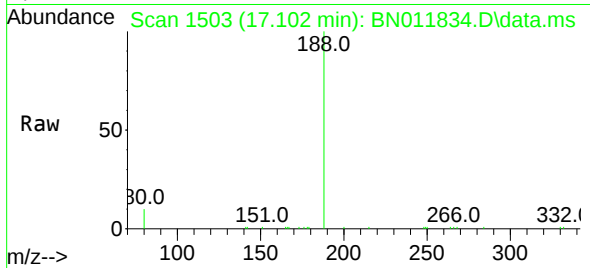




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

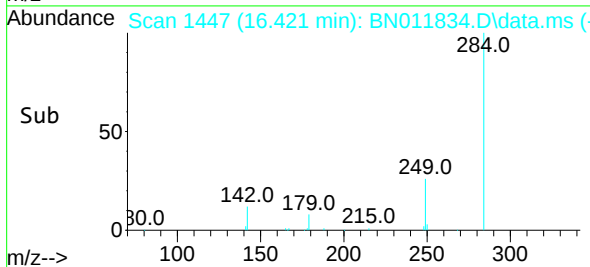
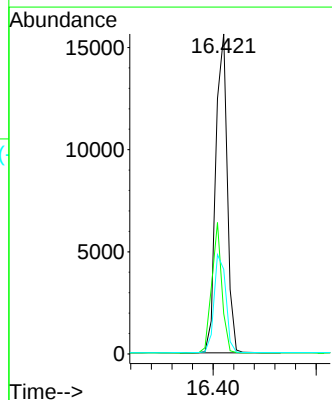
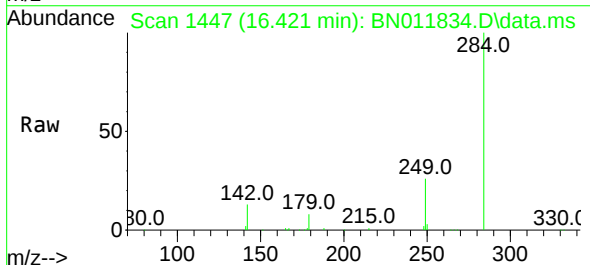
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

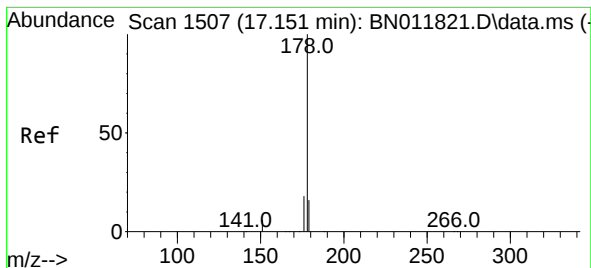
Tgt Ion:188 Resp: 11471
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 7.7 11.5



#22
Hexachlorobenzene
Concen: 2.86 ng
RT: 16.421 min Scan# 1447
Delta R.T. 0.012 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:284 Resp: 24112
Ion Ratio Lower Upper
284 100
142 36.1 32.4 48.6
249 31.5 26.8 40.2





#25

Phenanthrene

Concen: 1.80 ng

RT: 17.151 min Scan# 1507

Delta R.T. 0.000 min

Lab File: BN011834.D

Acq: 18 Sep 2020 13:41

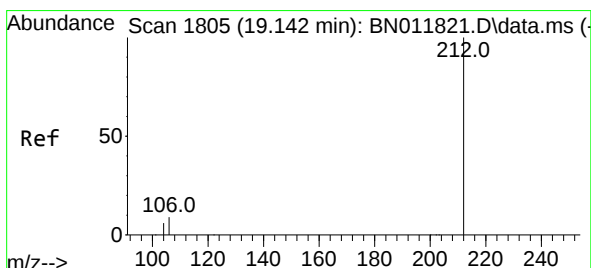
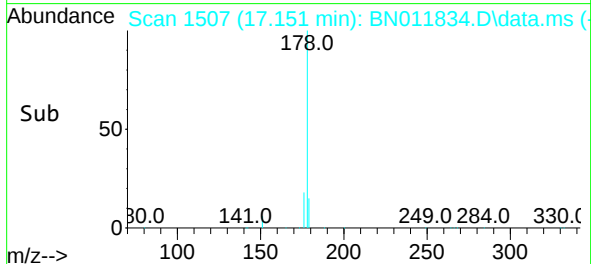
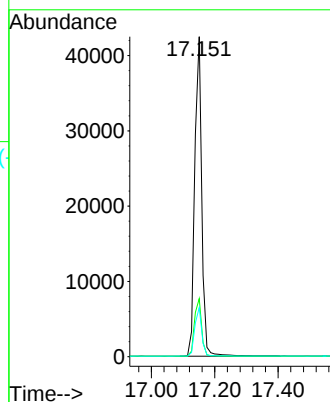
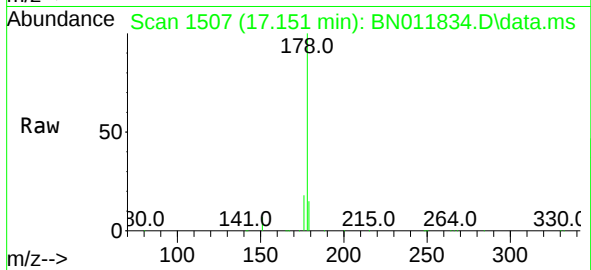
Tgt Ion:178 Resp: 65236

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.1 12.3 18.5



#27

Fluoranthene-d10

Concen: 0.00 ng

RT: 19.142 min Scan# 1805

Delta R.T. 0.000 min

Lab File: BN011834.D

Acq: 18 Sep 2020 13:41

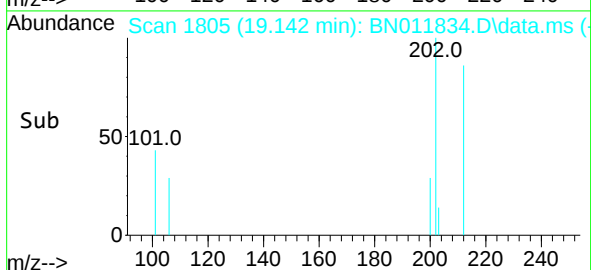
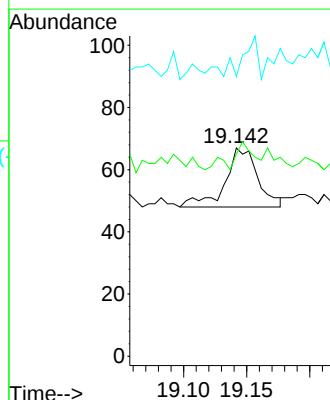
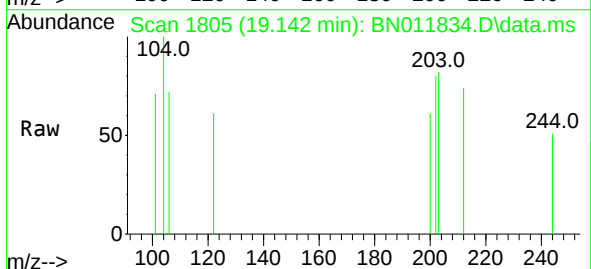
Tgt Ion:212 Resp: 34

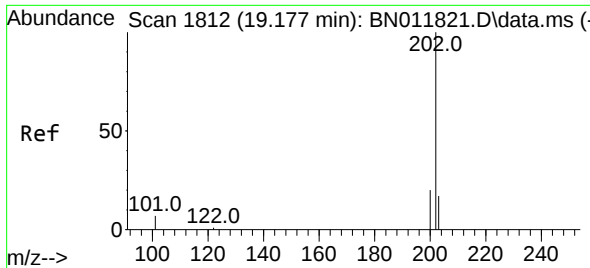
Ion Ratio Lower Upper

212 100

106 23.5 6.4 9.6#

104 35.3 3.9 5.9#

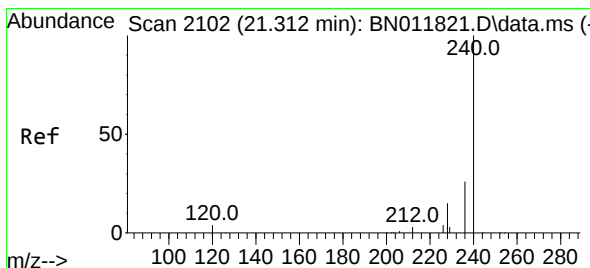
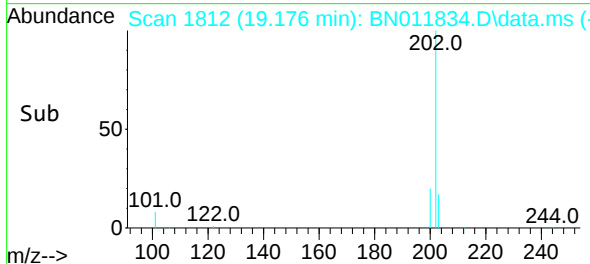
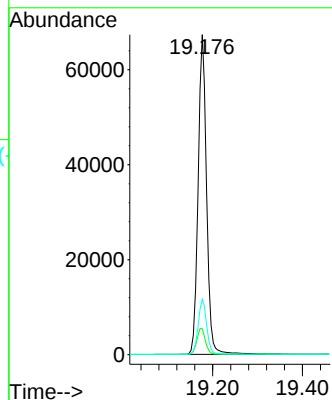
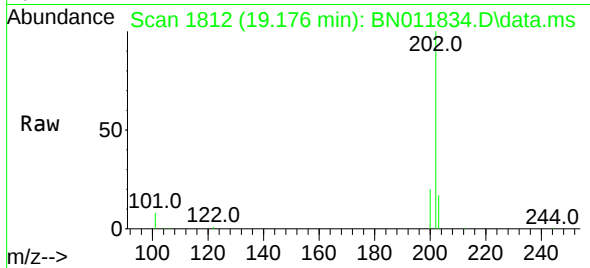




#28
Fluoranthene
Concen: 2.09 ng
RT: 19.176 min Scan# 1812
Delta R.T. 0.005 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

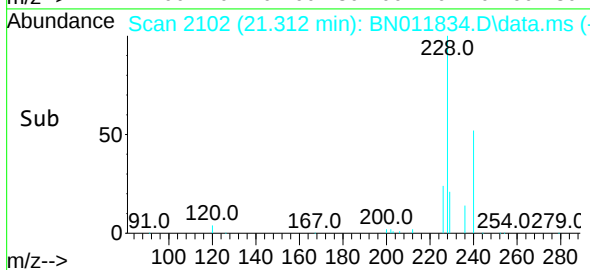
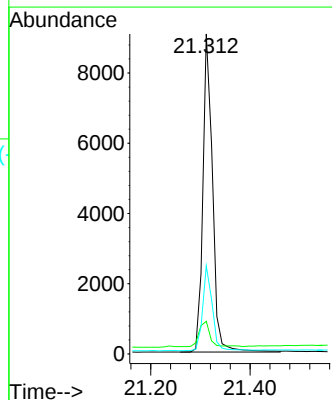
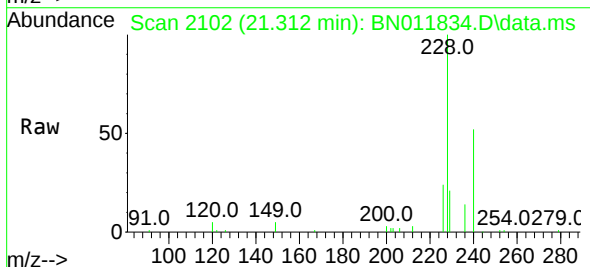
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

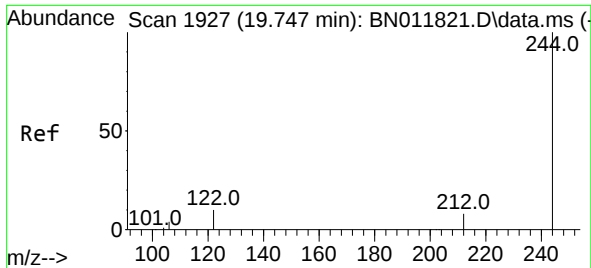
Tgt Ion:202 Resp: 88756
Ion Ratio Lower Upper
202 100
101 8.4 5.4 8.2#
203 17.4 13.8 20.6



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.312 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:240 Resp: 12237
Ion Ratio Lower Upper
240 100
120 10.2 3.5 5.3#
236 27.6 20.5 30.7

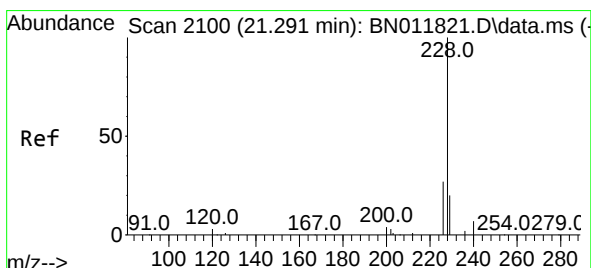
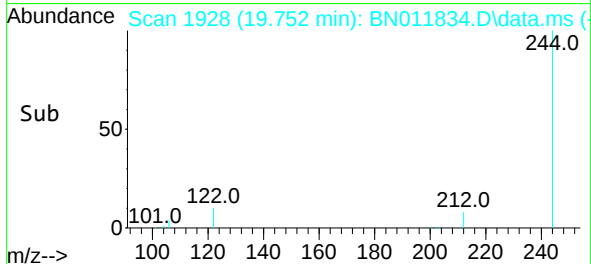
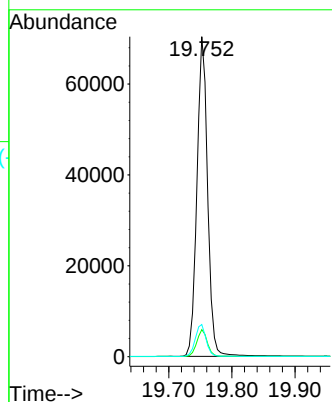
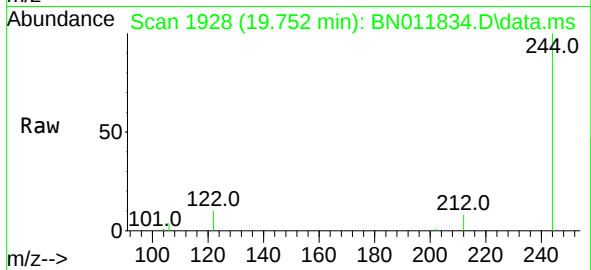




#31
Terphenyl-d14
Concen: 2.97 ng
RT: 19.752 min Scan# 1928
Delta R.T. 0.005 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

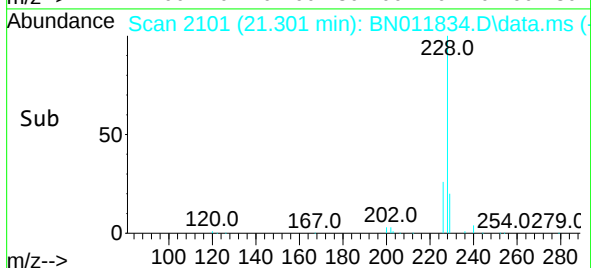
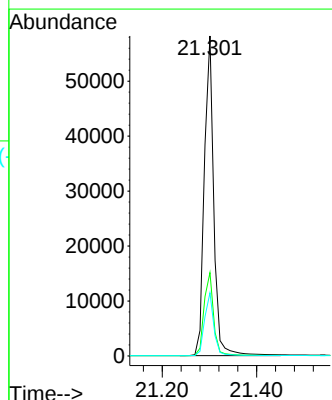
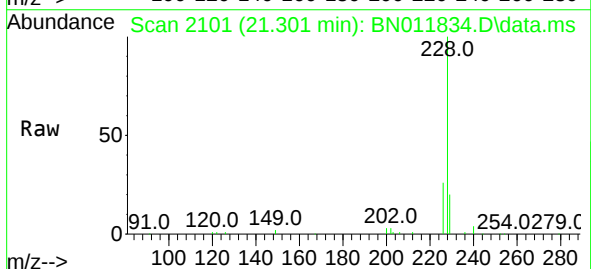
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

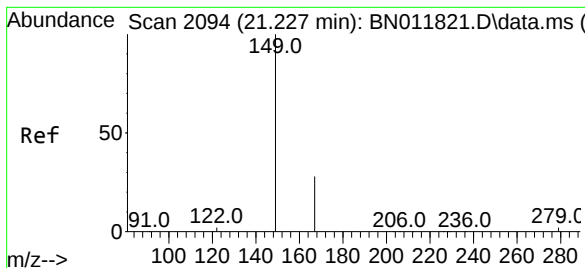
Tgt Ion:244 Resp: 83018
Ion Ratio Lower Upper
244 100
212 8.4 7.3 10.9
122 10.1 7.8 11.6



#32
Benzo(a)anthracene
Concen: 1.95 ng
RT: 21.301 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:228 Resp: 80796
Ion Ratio Lower Upper
228 100
226 26.1 21.0 31.4
229 19.7 16.0 24.0

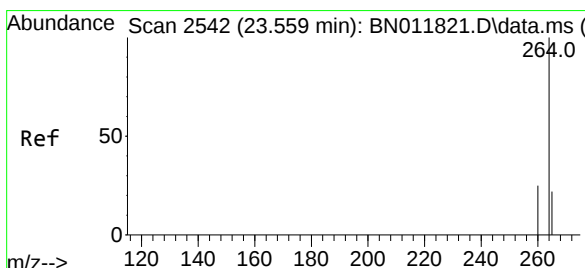
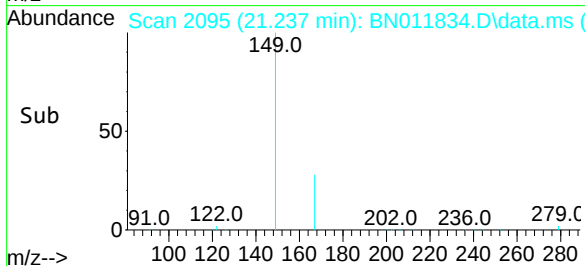
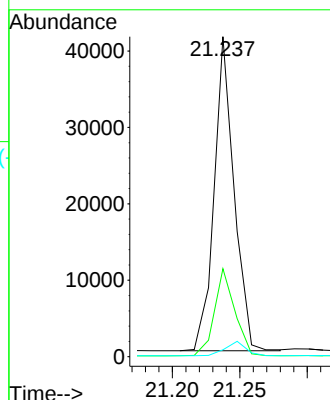
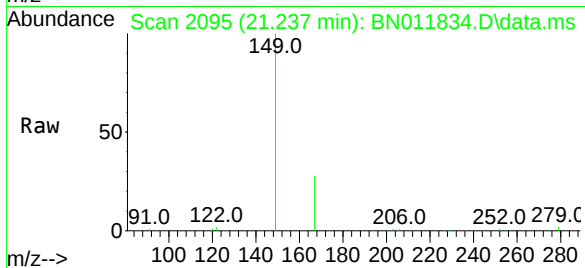




#34
Bis(2-ethylhexyl)phthalate
Concen: 1.98 ng
RT: 21.237 min Scan# 2095
Delta R.T. 0.011 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

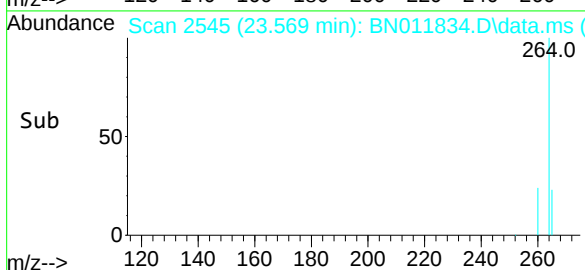
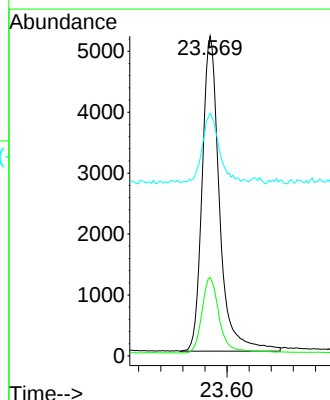
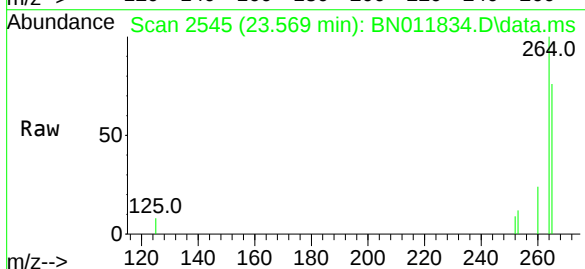
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

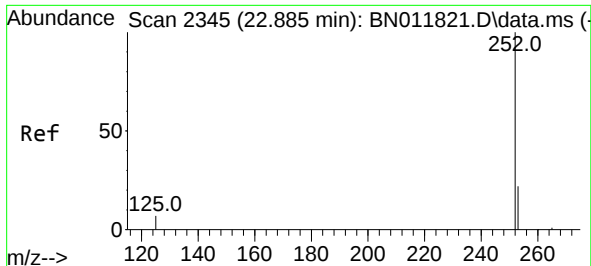
Tgt Ion:149 Resp: 42171
Ion Ratio Lower Upper
149 100
167 28.2 23.6 35.4
279 4.7 4.0 6.0



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.569 min Scan# 2545
Delta R.T. 0.010 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:264 Resp: 11254
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 75.9 38.6 58.0#

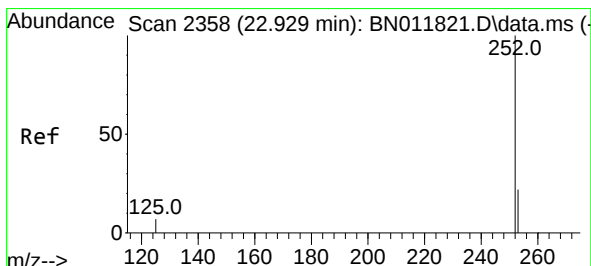
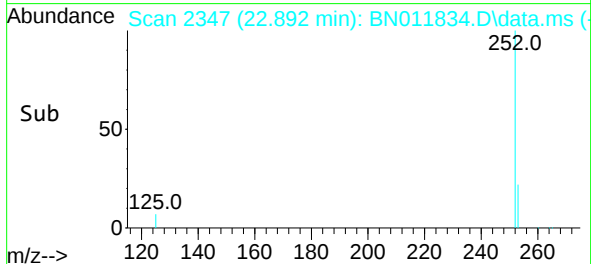
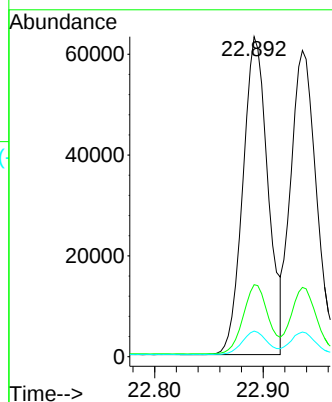
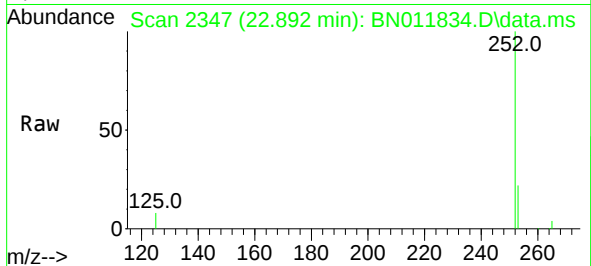




#37
Benzo(b)fluoranthene
Concen: 2.42 ng
RT: 22.892 min Scan# 2347
Delta R.T. 0.007 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

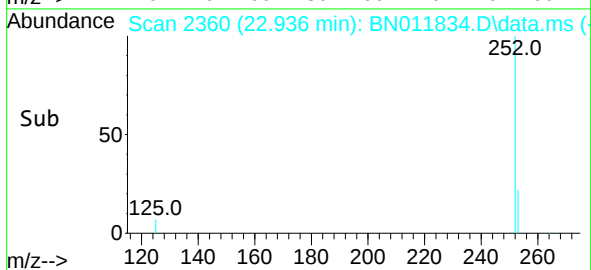
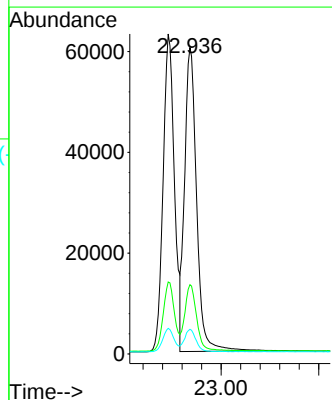
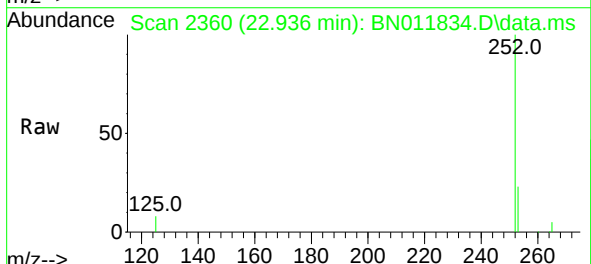
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

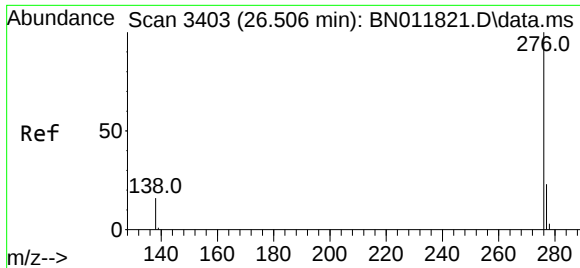
Tgt Ion:252 Resp: 101480
Ion Ratio Lower Upper
252 100
253 22.5 19.1 28.7
125 8.0 6.2 9.2



#38
Benzo(k)fluoranthene
Concen: 2.38 ng
RT: 22.936 min Scan# 2360
Delta R.T. 0.010 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:252 Resp: 103064
Ion Ratio Lower Upper
252 100
253 22.6 19.3 28.9
125 8.0 6.0 9.0





#41
Benzo(g,h,i)perylene
Concen: 2.66 ng
RT: 26.517 min Scan# 3406
Delta R.T. 0.010 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 116781
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 15.6 11.3 16.9

