

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102918\
 Data File : BN003344.D
 Acq On : 29 Oct 2018 22:28
 Operator : MJ/SJ
 Sample : J5692-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ140I-20181024

Quant Time: Oct 30 06:46:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

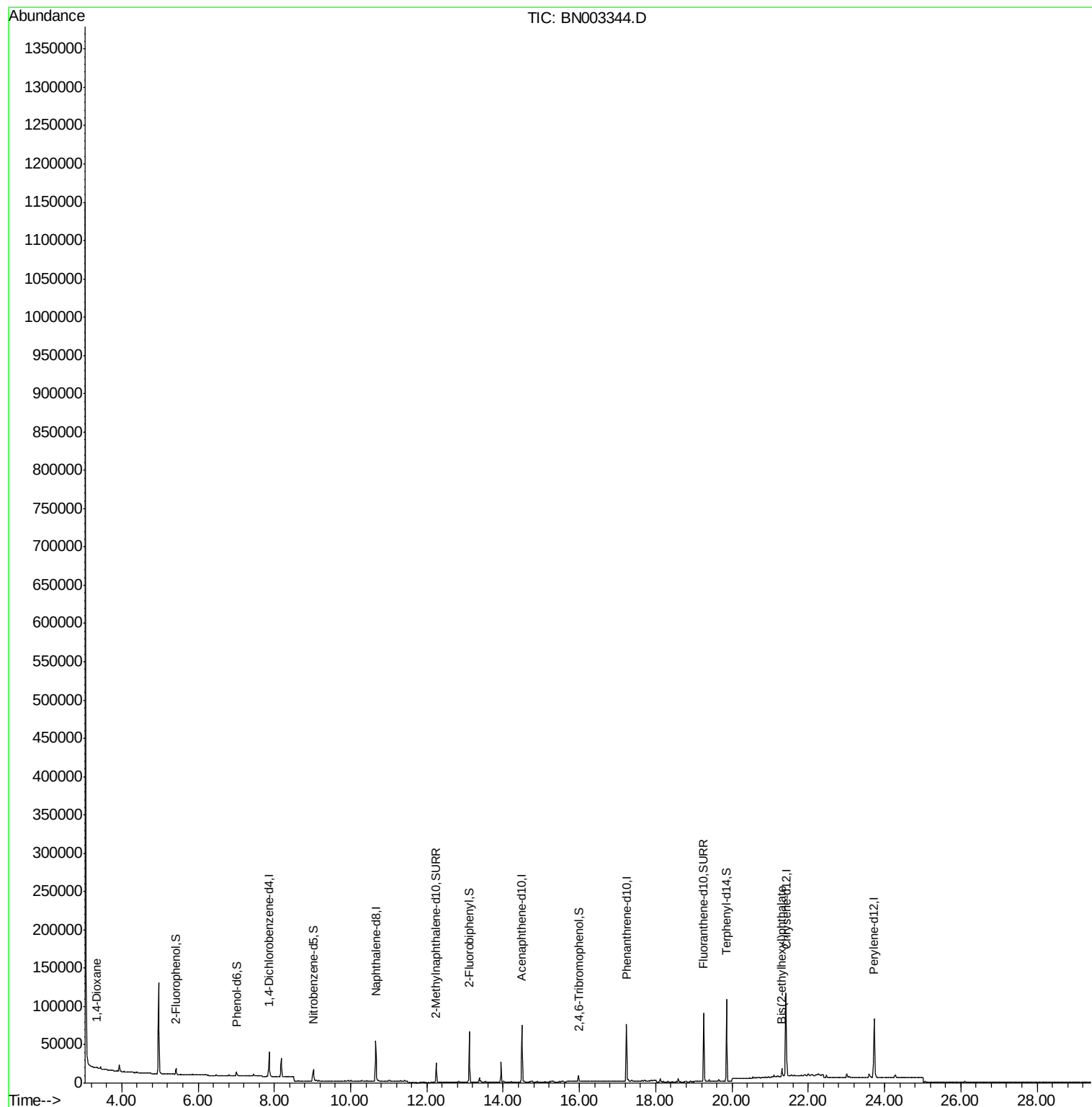
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	15632	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	68324	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	40975	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	104451	0.40	ng	0.00
27) Chrysene-d12	21.42	240	117293	0.40	ng	0.00
34) Perylene-d12	23.73	264	105813	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	6450	0.17	ng	0.00
5) Phenol-d6	7.01	99	5167	0.11	ng	0.00
8) Nitrobenzene-d5	9.02	82	12668	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	34165	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	6109	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	57467	0.33	ng	-0.01
25) Fluoranthene-d10	19.26	212	96882	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	107142	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	925	0.046	ng	Qvalue # 69
32) Bis(2-ethylhexyl)phthalate	21.31	149	9580	0.105	ng	100

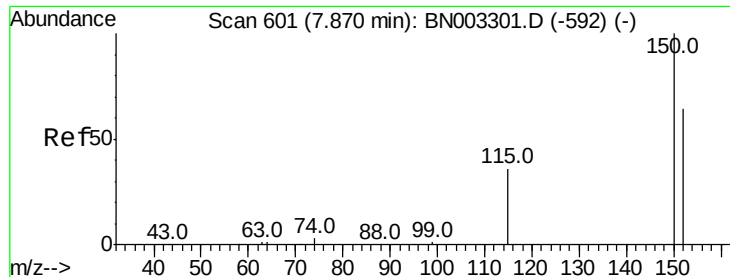
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 600

Delta R.T. -0.01 min

Lab File: BN003344.D

Acq: 29 Oct 2018 22:28

Instrument :

BNA_N

ClientSampleId :

SA-PZ140I-20181024

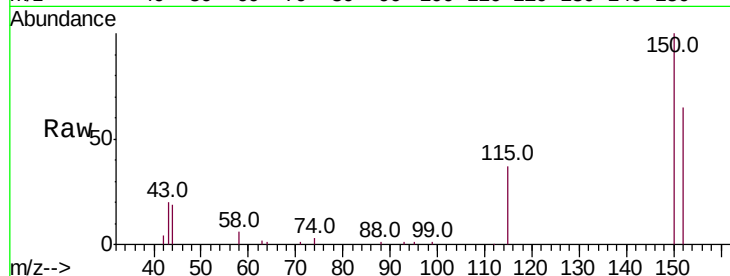
Tot Ion:152 Resp: 15632

Ion Ratio Lower Upper

152 100

150 155.0 124.6 187.0

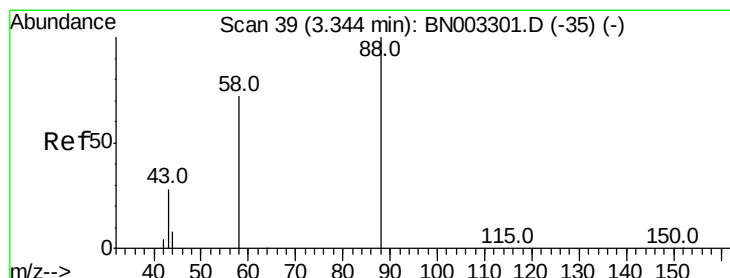
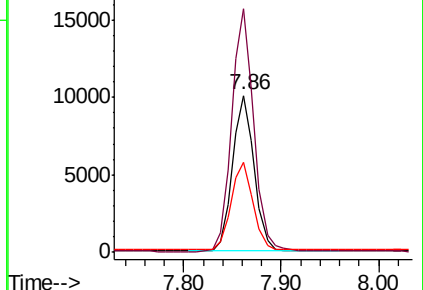
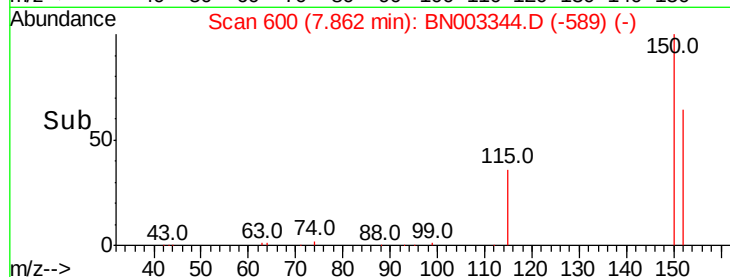
115 57.5 46.4 69.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.046 ng

RT: 3.34 min Scan# 39

Delta R.T. -0.00 min

Lab File: BN003344.D

Acq: 29 Oct 2018 22:28

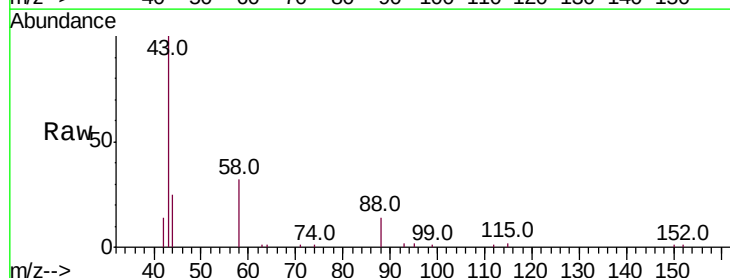
Tgt Ion: 88 Resp: 925

Ion Ratio Lower Upper

88 100

58 95.0 60.9 91.3#

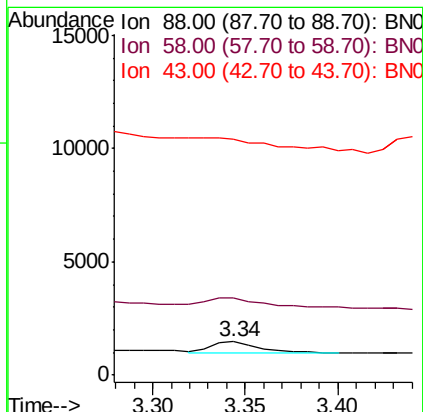
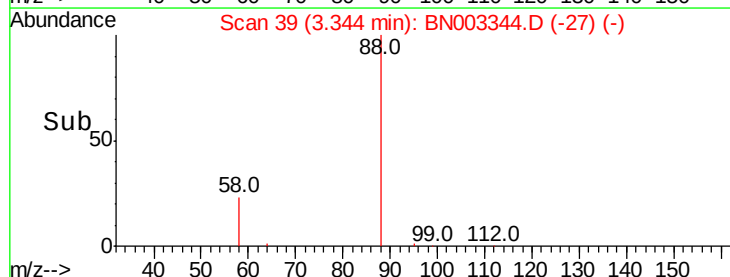
43 0.0 23.9 35.9#

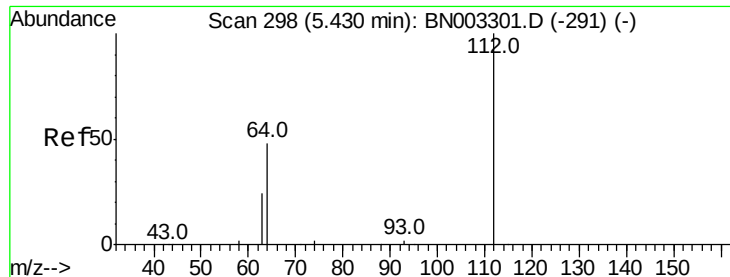


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.167 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003344.D

Acq: 29 Oct 2018 22:28

Instrument :

BNA_N

ClientSampleId :

SA-PZ140I-20181024

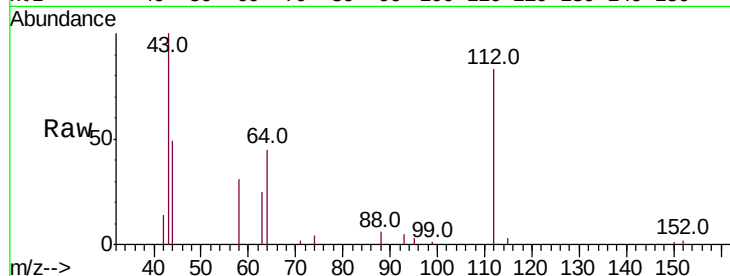
Tot Ion:112 Resp: 6450

Ion Ratio Lower Upper

112 100

64 53.4 44.3 66.5

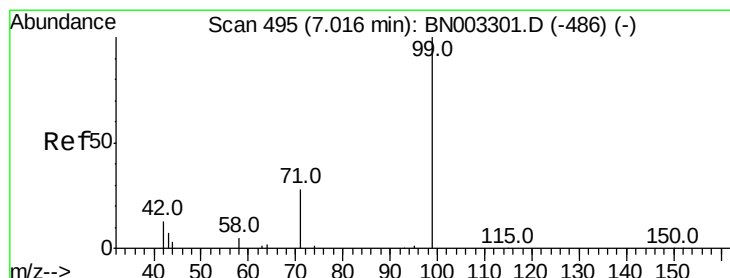
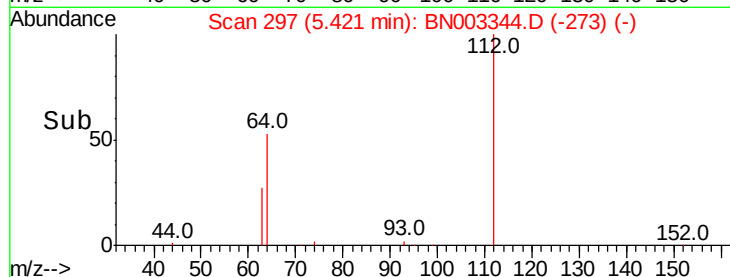
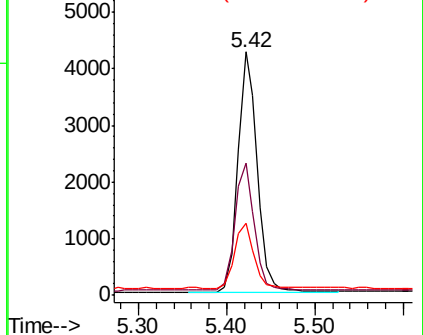
63 26.9 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.106 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003344.D

Acq: 29 Oct 2018 22:28

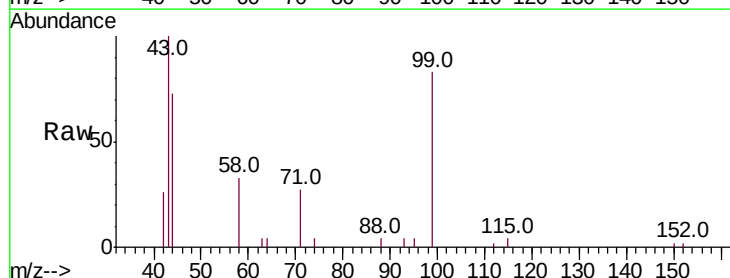
Tgt Ion: 99 Resp: 5167

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

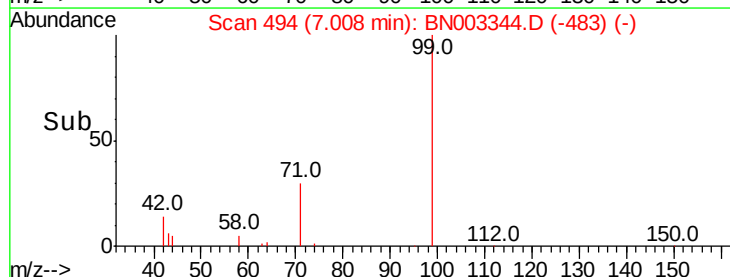
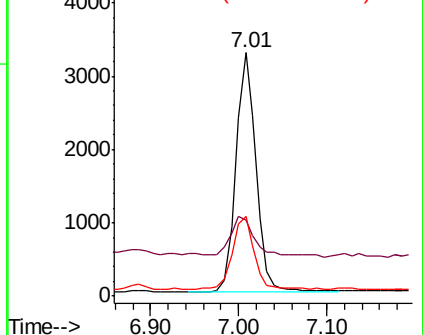
71 32.7 24.8 37.2

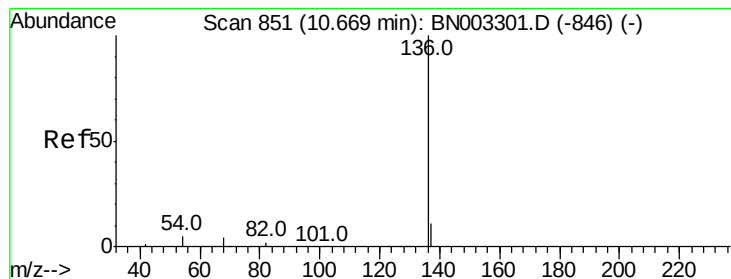


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003344.D

Acq: 29 Oct 2018 22:28

Instrument :

BNA_N

ClientSampleId :

SA-PZ140I-20181024

Tot Ion:136 Resp: 68324

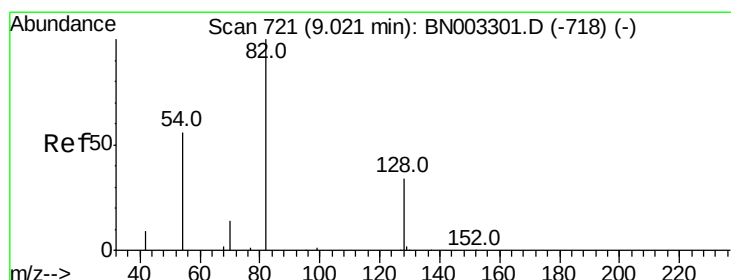
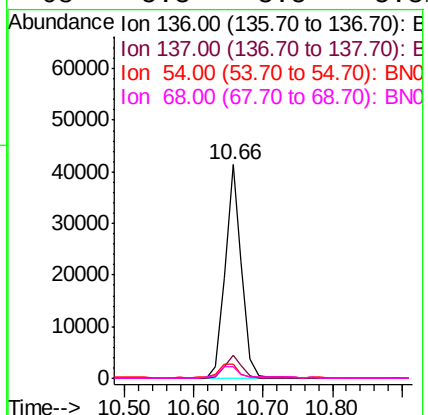
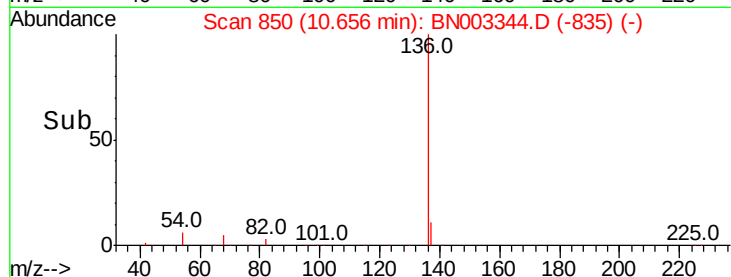
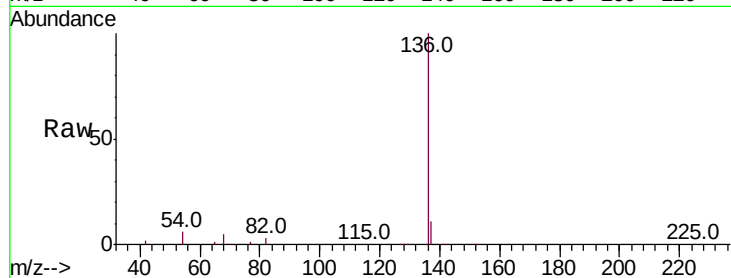
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.3 4.1 6.1#

68 5.3 3.5 5.3#



#8

Nitrobenzene-d5

Concen: 0.423 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003344.D

Acq: 29 Oct 2018 22:28

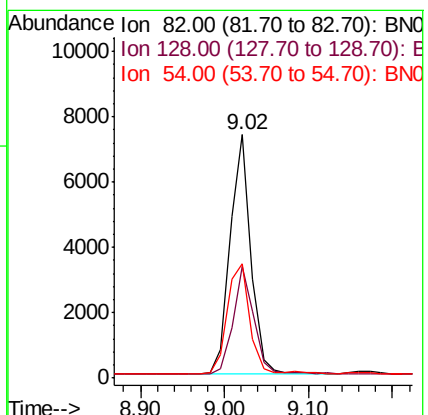
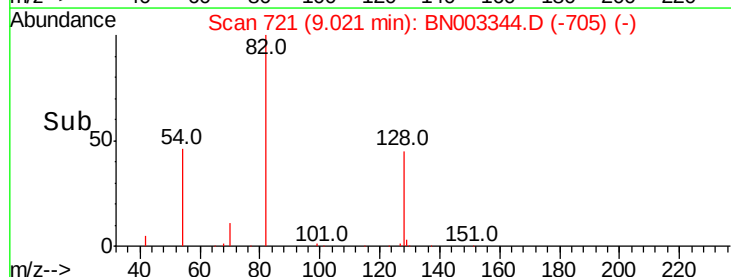
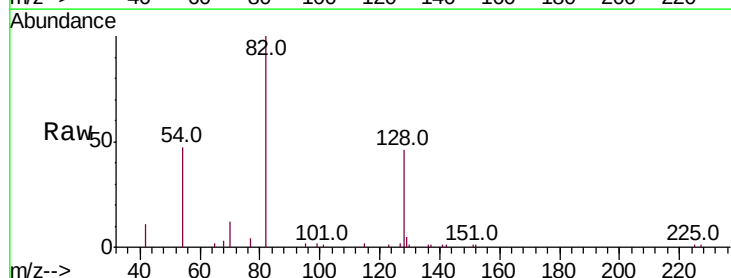
Tgt Ion: 82 Resp: 12668

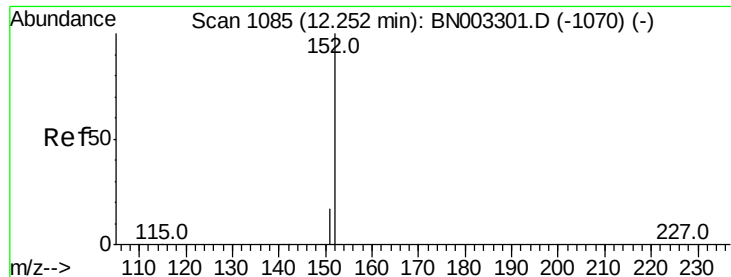
Ion Ratio Lower Upper

82 100

128 45.8 28.9 43.3#

54 46.9 46.1 69.1

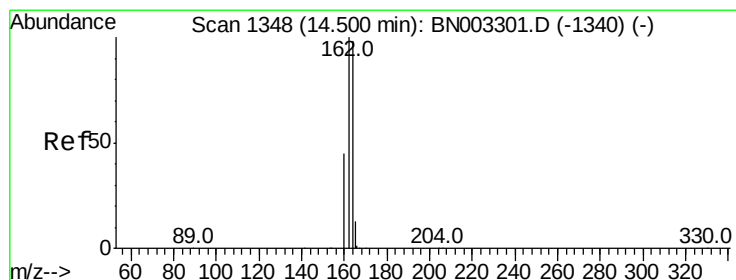
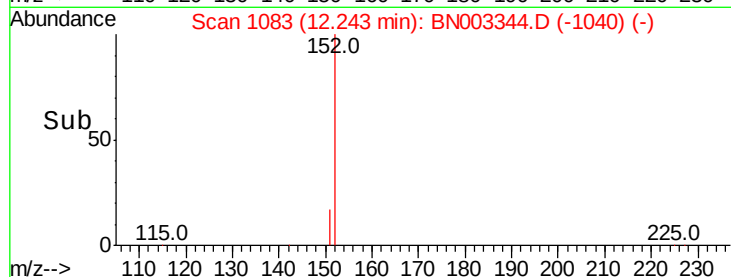
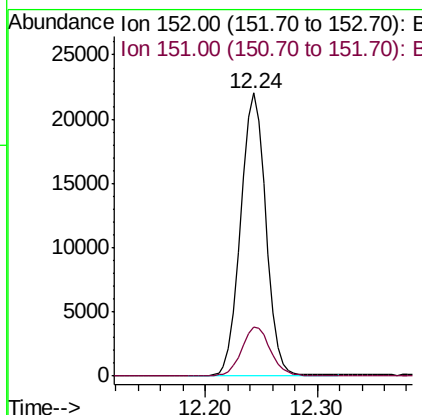
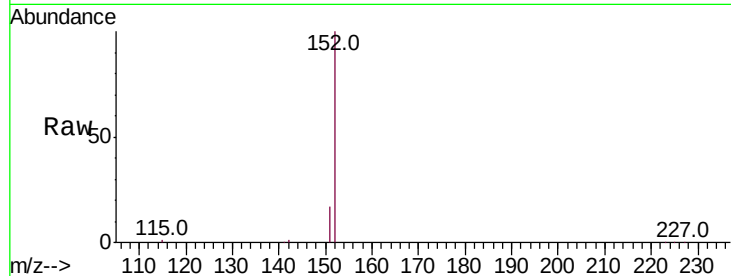




#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.24 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BN003344.D
Acq: 29 Oct 2018 22:28

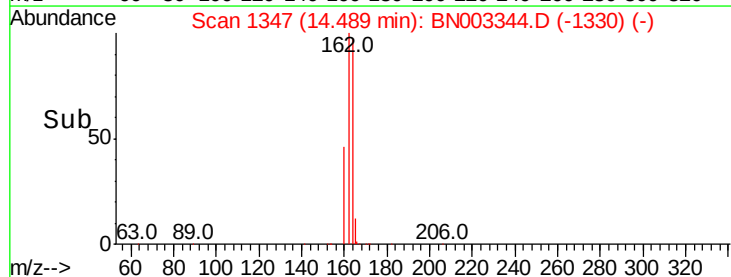
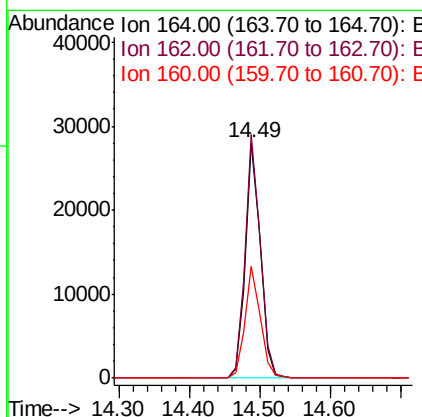
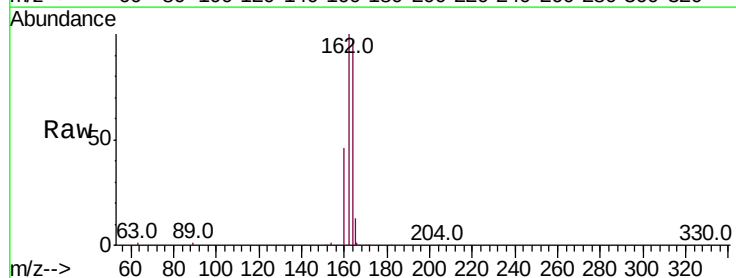
Instrument :
BNA_N
ClientSampleId :
SA-PZ140I-20181024

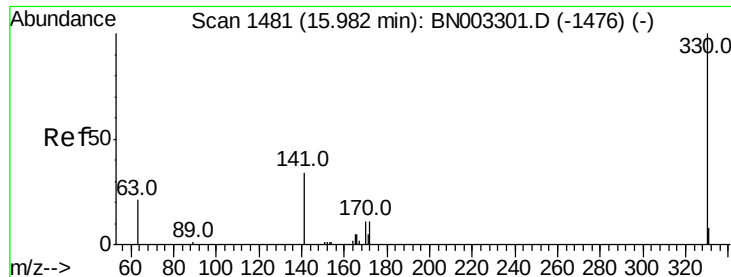
Tot Ion:152 Resp: 34165
Ion Ratio Lower Upper
152 100
151 19.2 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003344.D
Acq: 29 Oct 2018 22:28

Tgt Ion:164 Resp: 40975
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.6
160 47.3 37.2 55.8

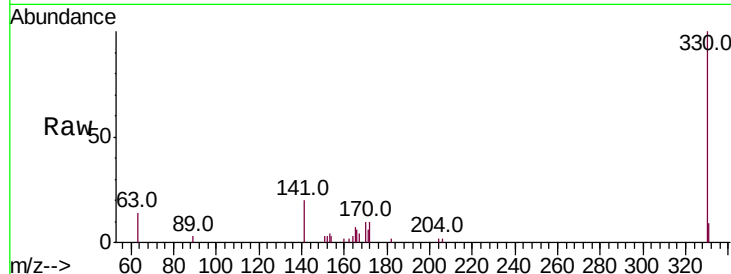




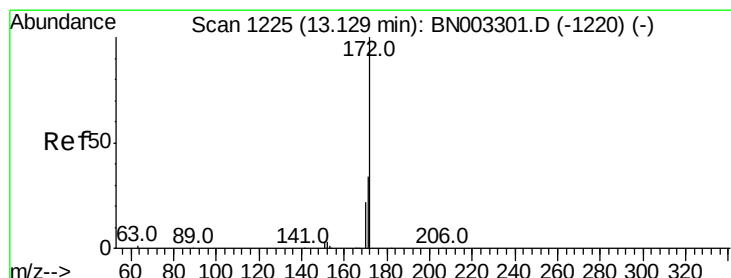
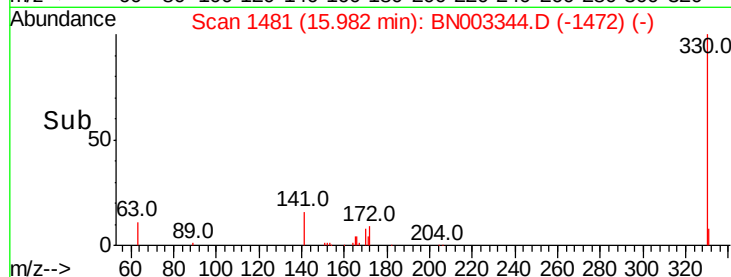
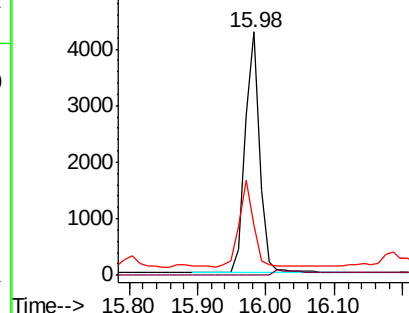
#14
 2,4,6-Tribromophenol
 Concen: 0.375 ng
 RT: 15.98 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BN003344.D
 Acq: 29 Oct 2018 22:28

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ140I-20181024

Tot Ion:330 Resp: 6109
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.3 28.3 42.5

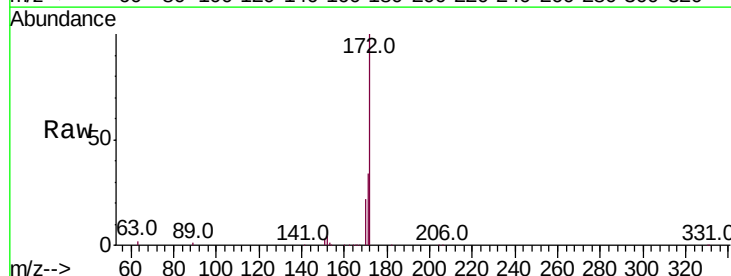


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

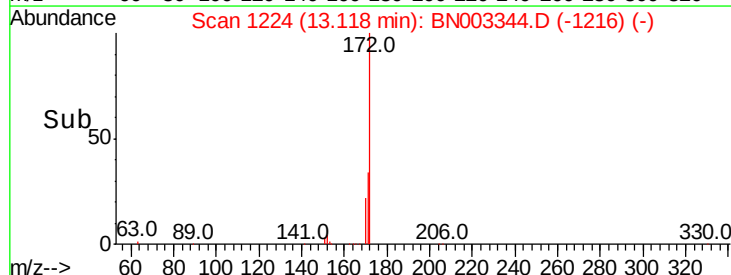
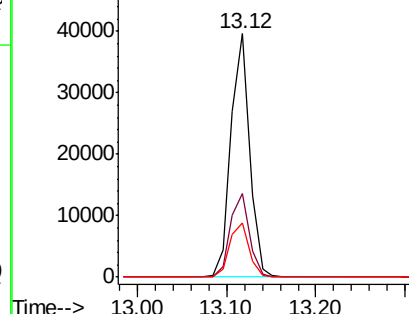


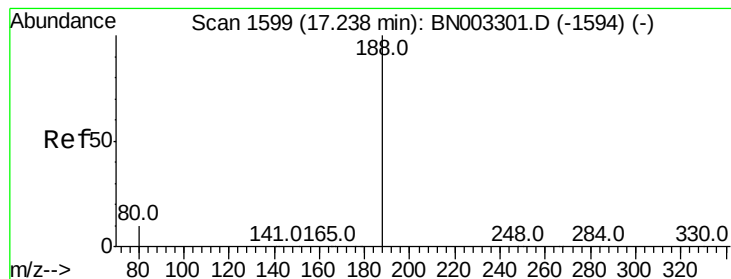
#15
 2-Fluorobiphenyl
 Concen: 0.326 ng
 RT: 13.12 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BN003344.D
 Acq: 29 Oct 2018 22:28

Tgt Ion:172 Resp: 57467
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.1 40.7
 170 22.0 17.4 26.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BN003344.D

Acq: 29 Oct 2018 22:28

Instrument :

BNA_N

ClientSampleId :

SA-PZ140I-20181024

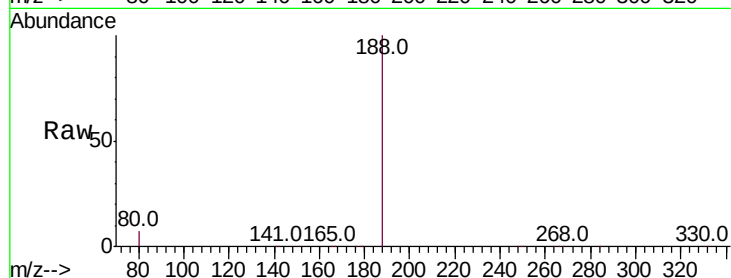
Tot Ion:188 Resp: 104451

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

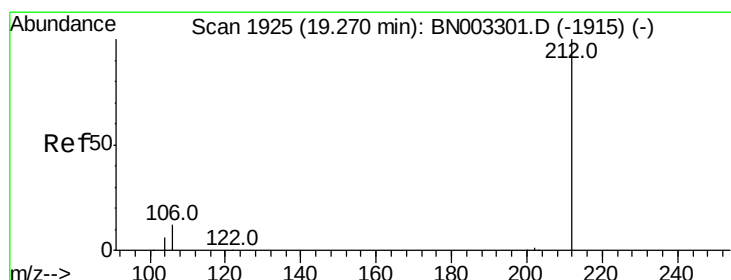
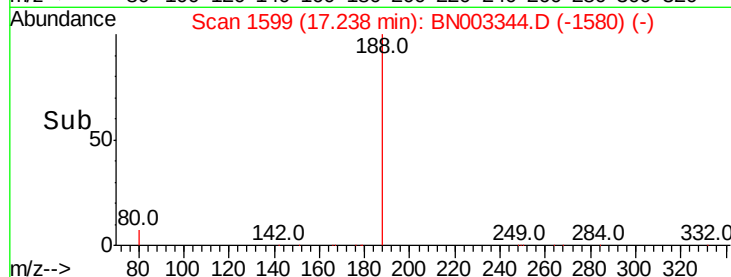
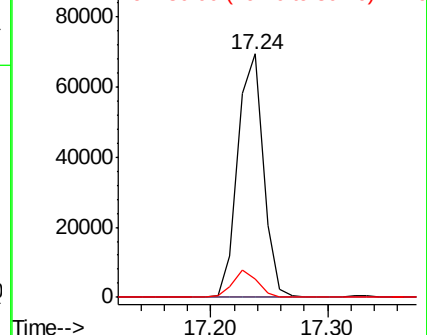
80 7.3 8.6 12.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.319 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003344.D

Acq: 29 Oct 2018 22:28

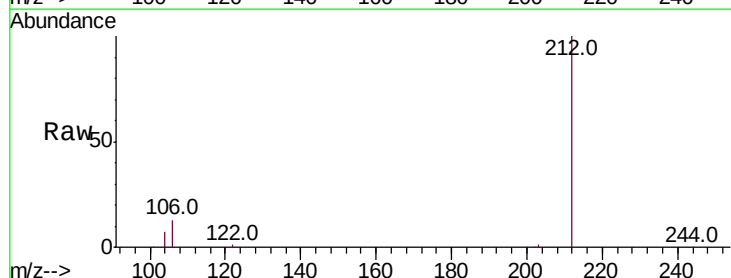
Tgt Ion:212 Resp: 96882

Ion Ratio Lower Upper

212 100

106 13.0 10.3 15.5

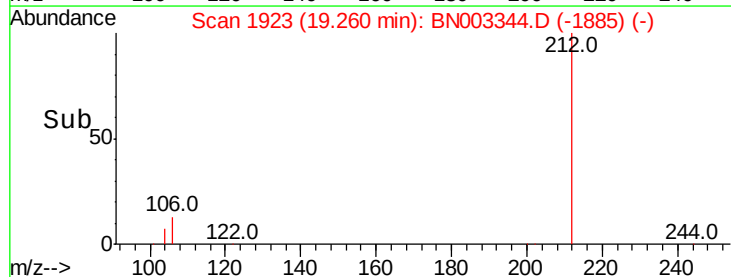
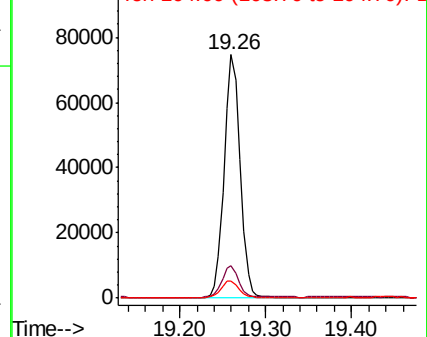
104 7.2 5.6 8.4

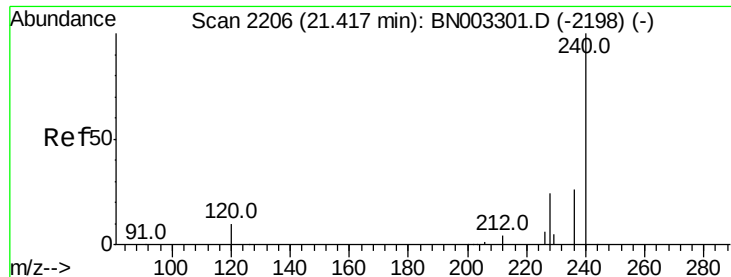


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BN003344.D

Acq: 29 Oct 2018 22:28

Instrument :

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SA-PZ140I-20181024

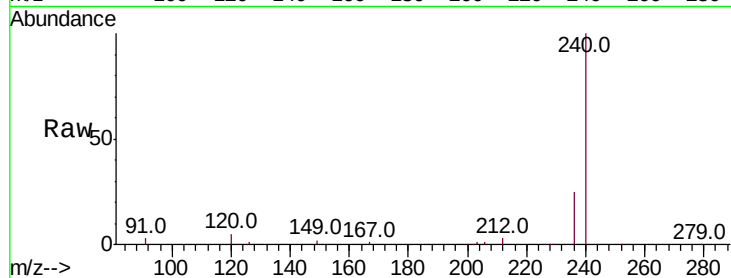
Tot Ion:240 Resp: 117293

Ion Ratio Lower Upper

240 100

120 5.4 9.3 13.9#

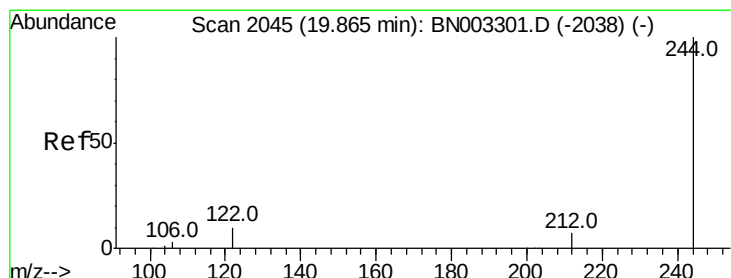
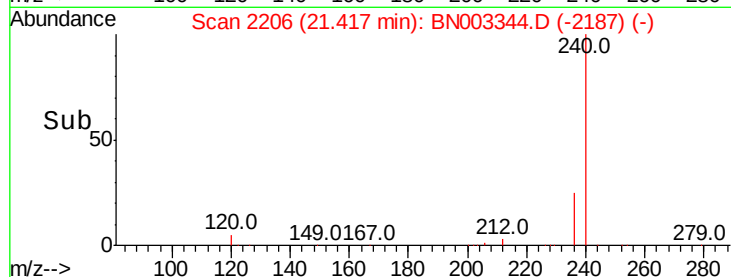
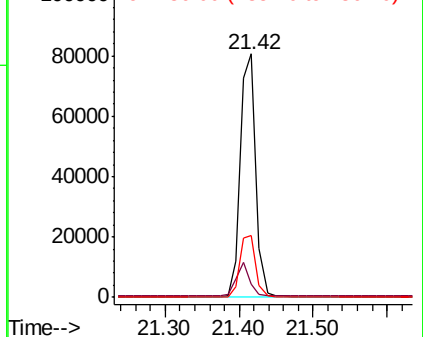
236 25.2 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.393 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003344.D

Acq: 29 Oct 2018 22:28

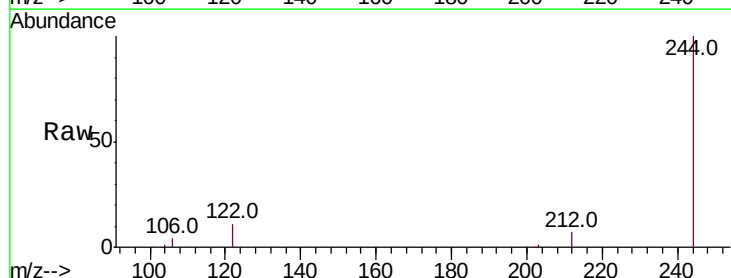
Tgt Ion:244 Resp: 107142

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

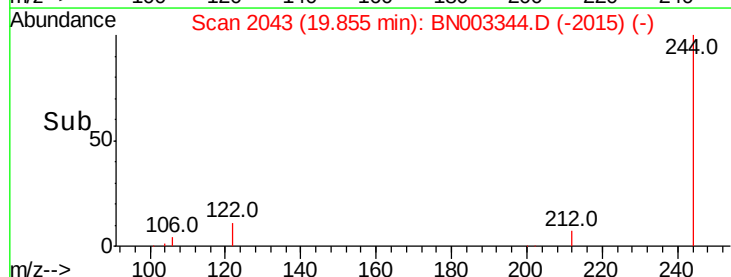
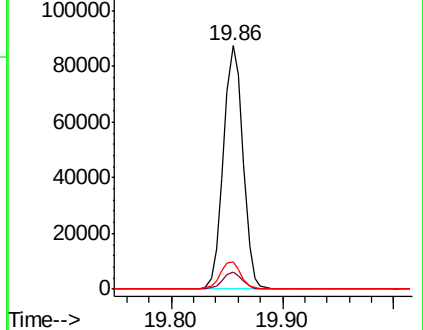
122 11.2 8.5 12.7

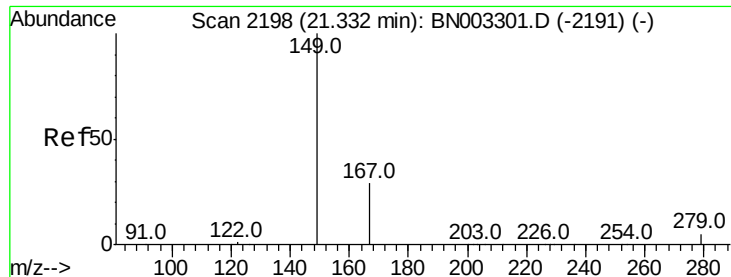


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.105 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN003344.D

Acq: 29 Oct 2018 22:28

Instrument :

BNA_N

ClientSampleId :

SA-PZ140I-20181024

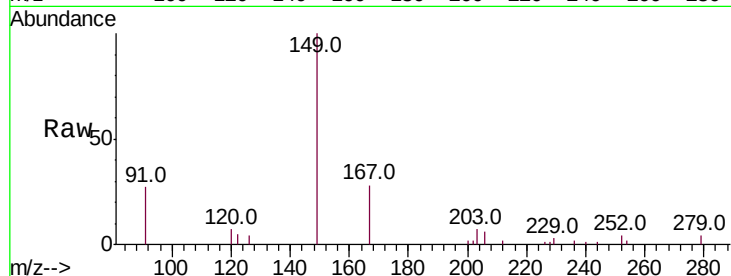
Tot Ion:149 Resp: 9580

Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

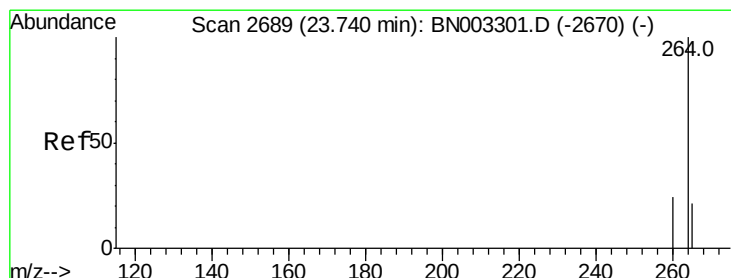
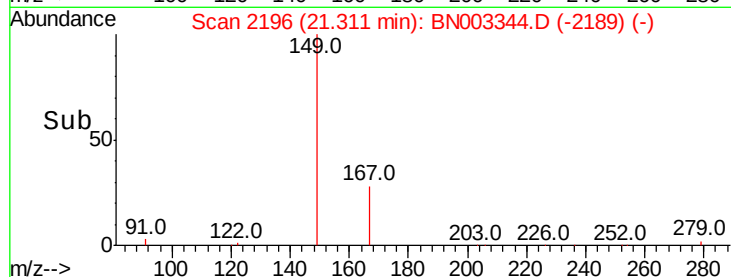
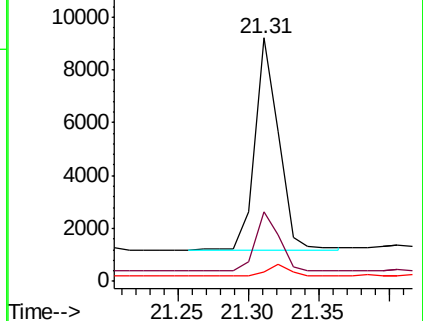
279 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BN003344.D

Acq: 29 Oct 2018 22:28

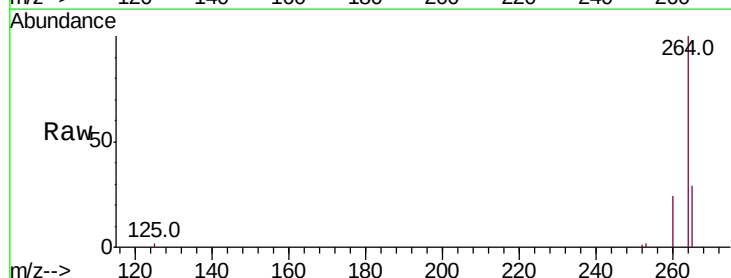
Tgt Ion:264 Resp: 105813

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 29.3 26.4 39.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

