

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102918\
 Data File : BN003347.D
 Acq On : 30 Oct 2018 00:13
 Operator : MJ/SJ
 Sample : J5692-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ183I-20181025

Quant Time: Oct 30 06:46:49 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

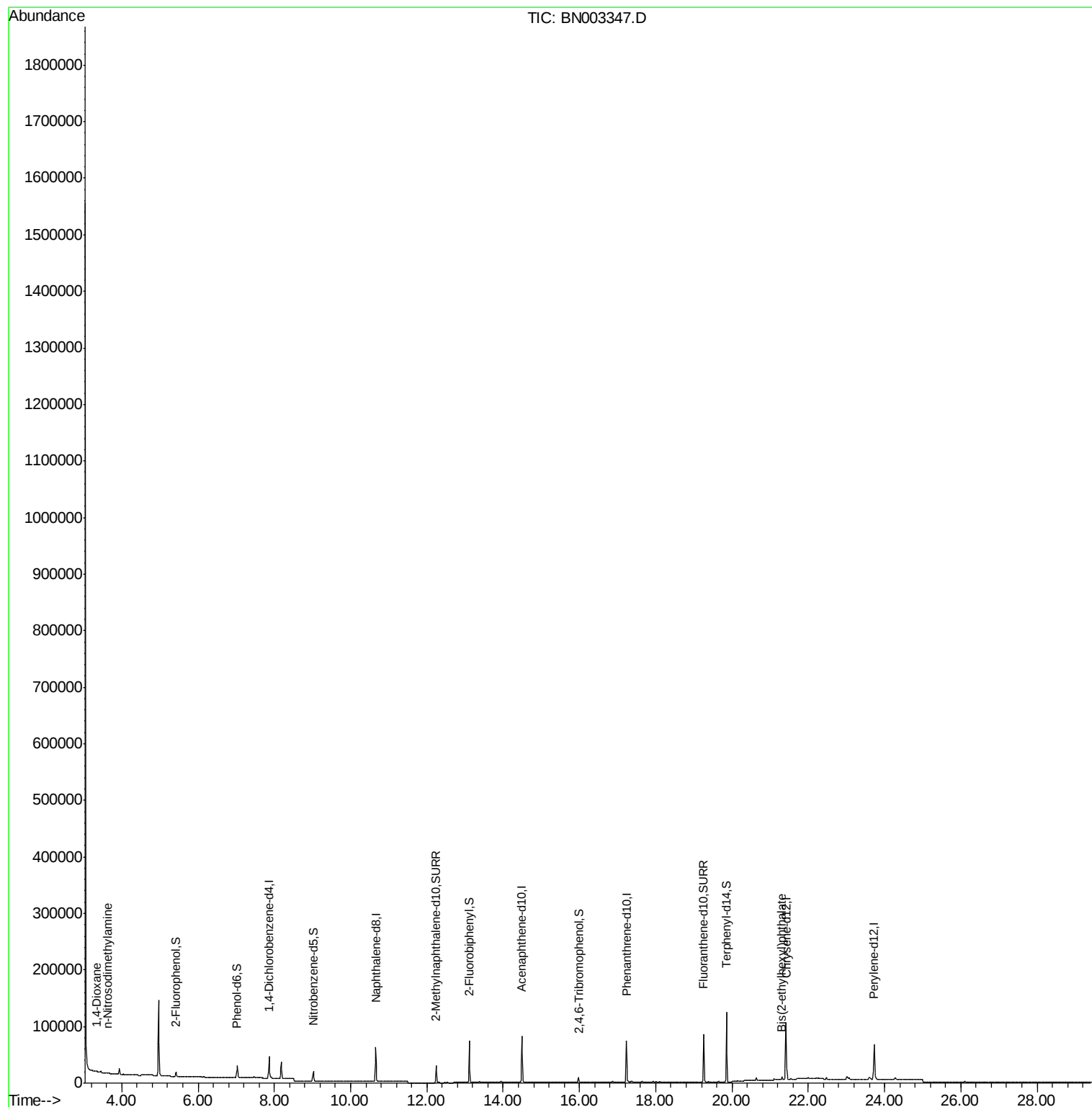
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	18500	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	79055	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	44969	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	106726	0.40	ng	0.00
27) Chrysene-d12	21.42	240	104050	0.40	ng	0.00
34) Perylene-d12	23.73	264	87352	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	6713	0.15	ng	0.00
5) Phenol-d6	7.01	99	4749	0.08	ng	0.00
8) Nitrobenzene-d5	9.02	82	15164	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	40742	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	6269	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	67299	0.35	ng	-0.01
25) Fluoranthene-d10	19.26	212	96414	0.31	ng	0.00
29) Terphenyl-d14	19.86	244	115343	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	901	0.038	ng	Qvalue # 75
3) n-Nitrosodimethylamine	3.64	42	320	0.029	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.31	149	5049	0.063	ng	# 98

(#) = 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

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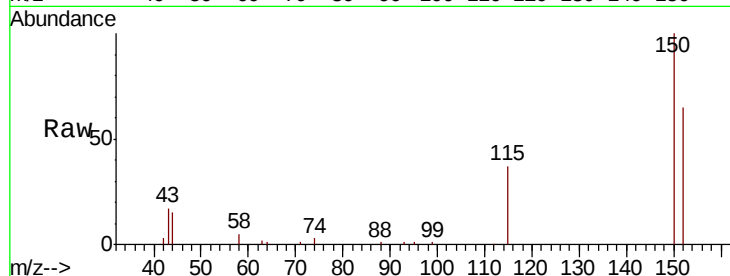
Tgt Ion:152 Resp: 18500

Ion Ratio Lower Upper

152 100

150 154.2 124.6 187.0

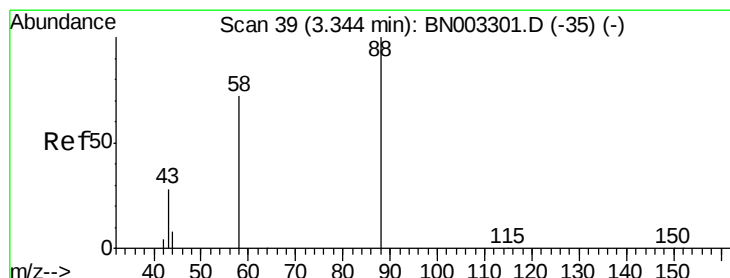
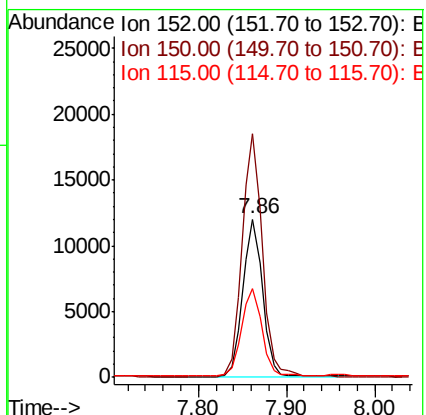
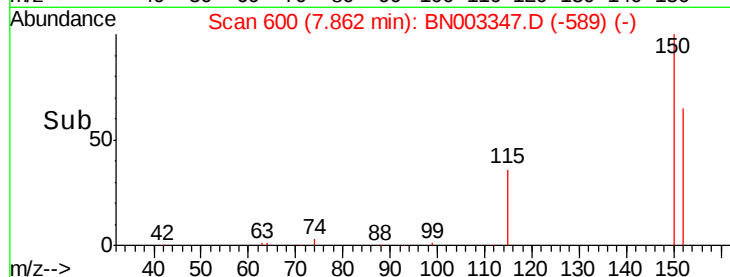
115 56.4 46.4 69.6



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: 0.038 ng

RT: 3.34 min Scan# 39

Delta R.T. -0.00 min

Lab File: BN003347.D

Acq: 30 Oct 2018 00:13

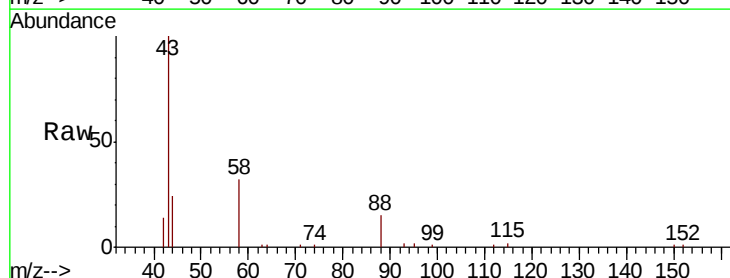
Tgt Ion: 88 Resp: 901

Ion Ratio Lower Upper

88 100

58 87.8 60.9 91.3

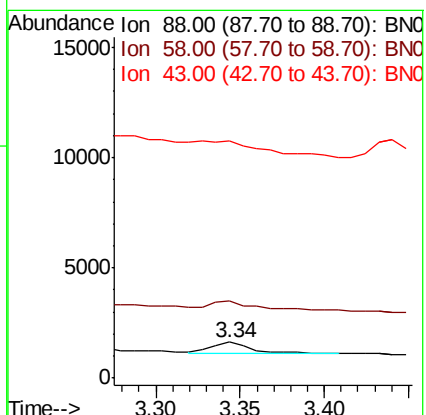
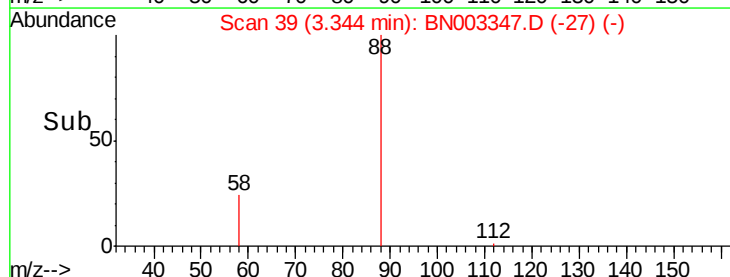
43 0.0 23.9 35.9#

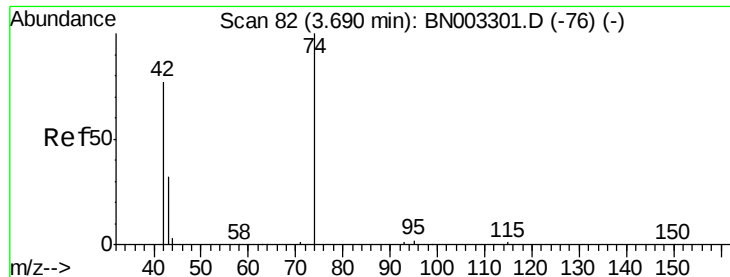


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.029 ng

RT: 3.64 min Scan# 76

Delta R.T. -0.05 min

Lab File: BN003347.D

Acq: 30 Oct 2018 00:13

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SA-PZ183I-20181025

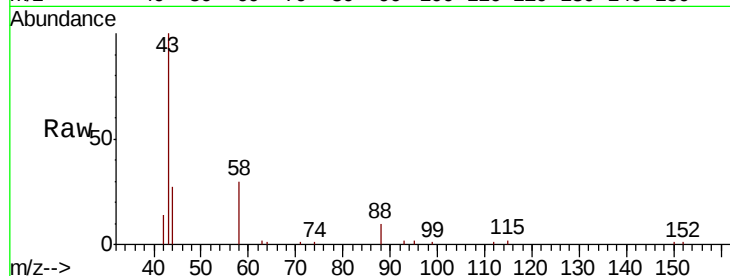
Tgt Ion: 42 Resp: 320

Ion Ratio Lower Upper

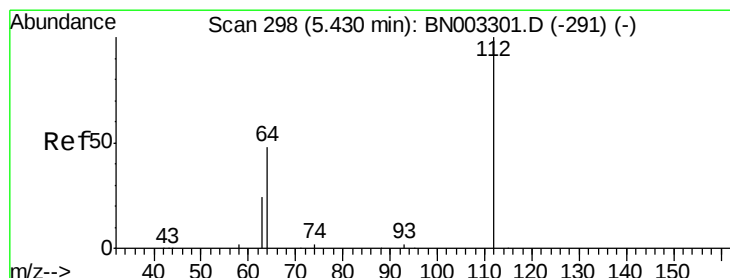
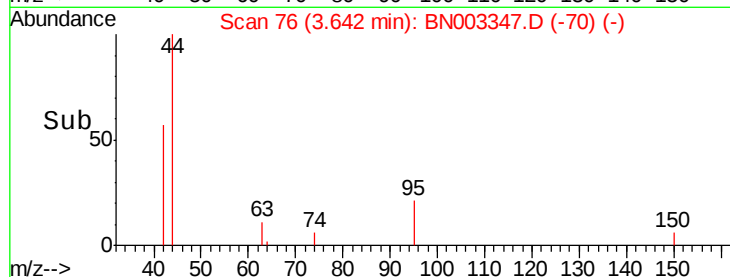
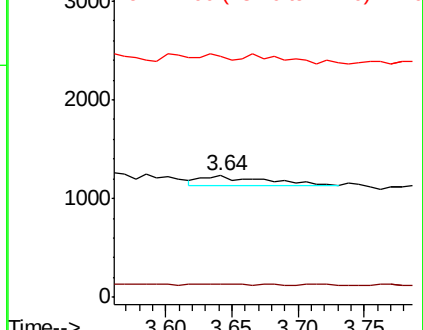
42 100

74 5.0 99.1 148.7#

44 0.0 4.2 6.4#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.147 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003347.D

Acq: 30 Oct 2018 00:13

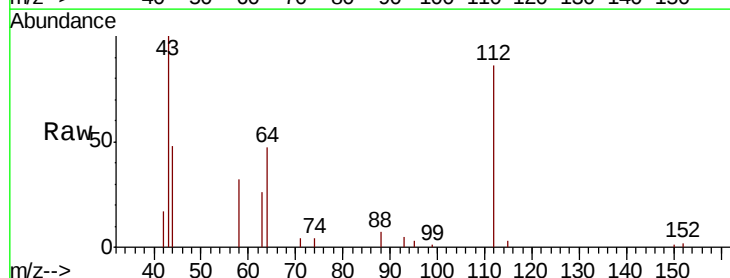
Tgt Ion: 112 Resp: 6713

Ion Ratio Lower Upper

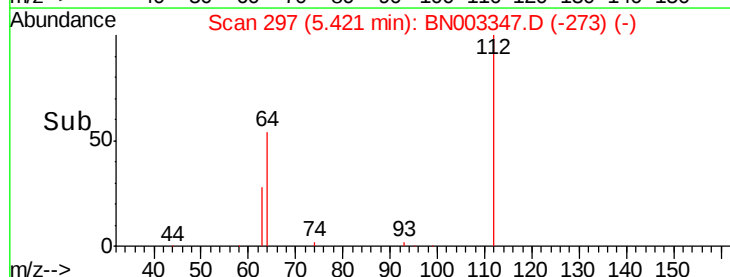
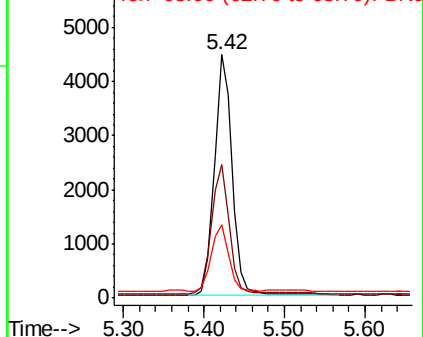
112 100

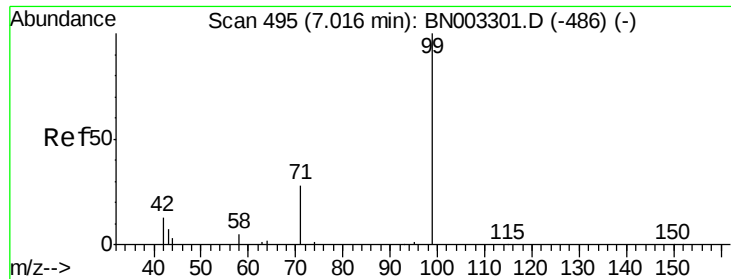
64 52.0 44.3 66.5

63 26.8 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.082 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003347.D

Acq: 30 Oct 2018 00:13

Instrument :

BNA_N

ClientSampleId :

SA-PZ183I-20181025

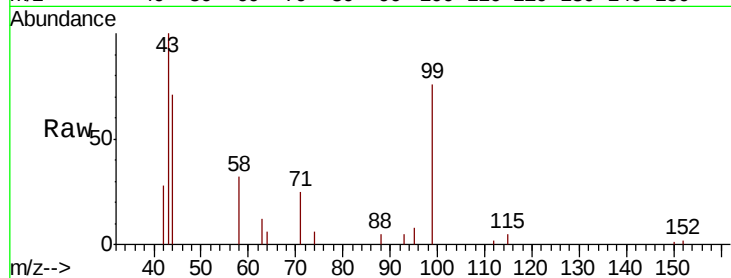
Tgt Ion: 99 Resp: 4749

Ion Ratio Lower Upper

99 100

42 0.0 14.8 22.2#

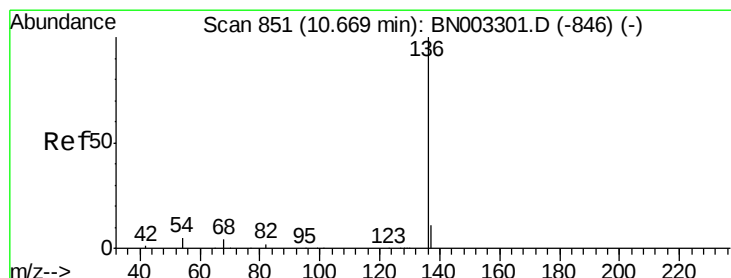
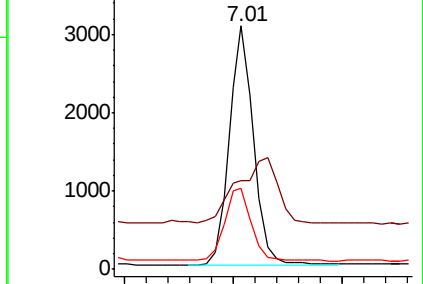
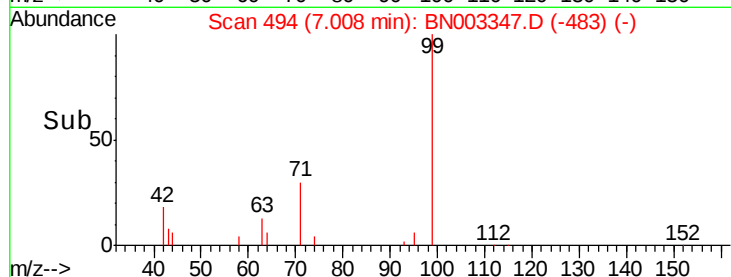
71 33.9 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN003347.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN003347.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN003347.D (-483) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003347.D

Acq: 30 Oct 2018 00:13

Tgt Ion: 136 Resp: 79055

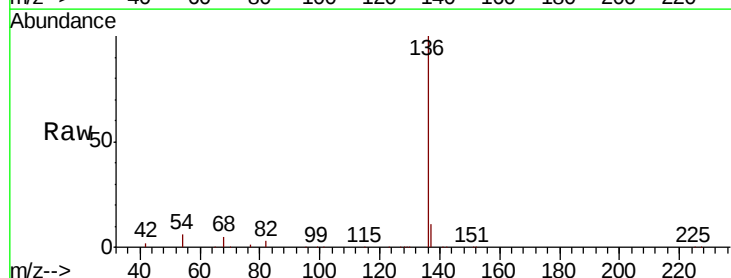
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.1 4.1 6.1

68 5.3 3.5 5.3

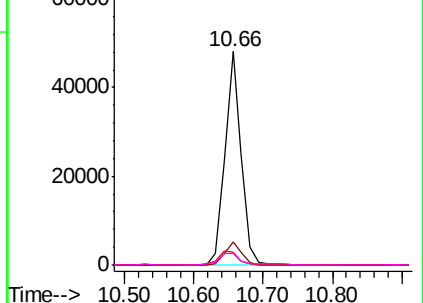
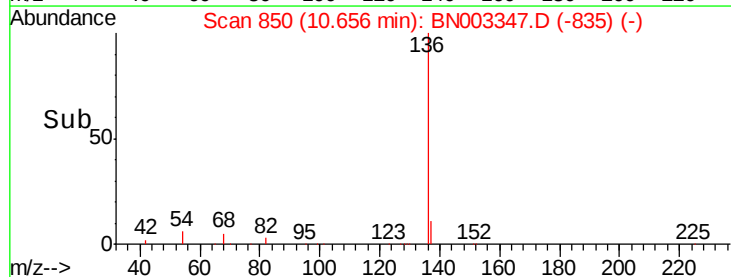


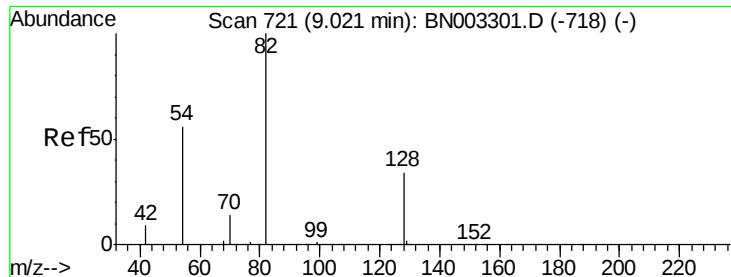
Abundance Ion 136.00 (135.70 to 136.70): BN003347.D (-835) (-)

Ion 137.00 (136.70 to 137.70): BN003347.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN003347.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN003347.D (-835) (-)





#8

Nitrobenzene-d5

Concen: 0.438 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003347.D

Acq: 30 Oct 2018 00:13

Instrument :

BNA_N

ClientSampleId :

SA-PZ183I-20181025

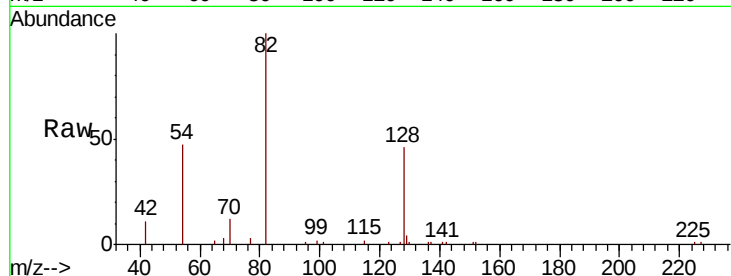
Tgt Ion: 82 Resp: 15164

Ion Ratio Lower Upper

82 100

128 46.0 28.9 43.3#

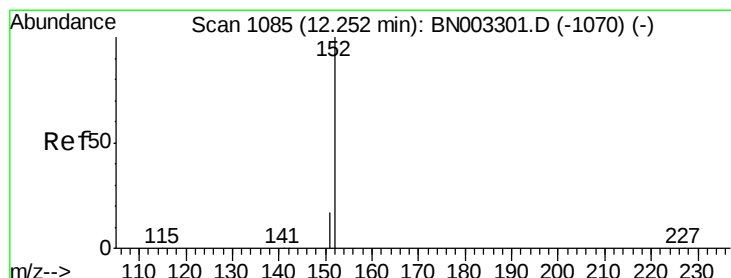
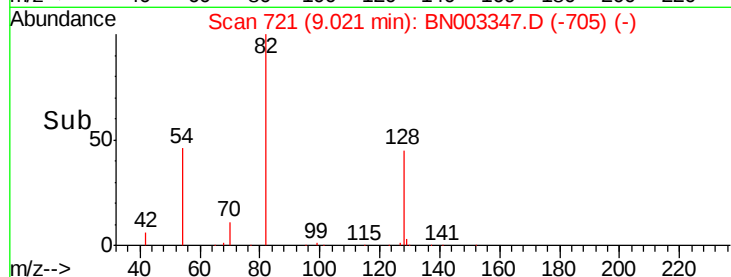
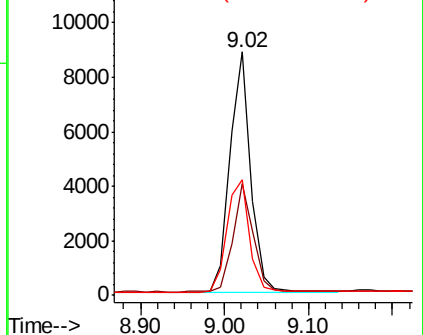
54 47.2 46.1 69.1



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 12.24 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BN003347.D

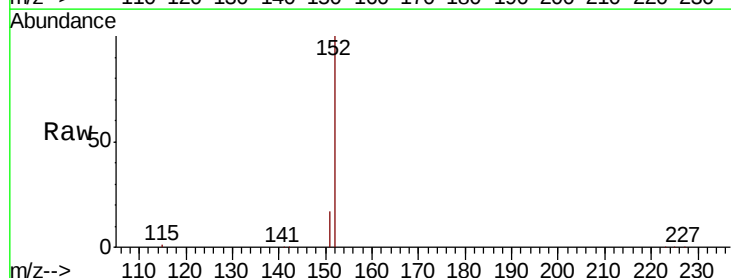
Acq: 30 Oct 2018 00:13

Tgt Ion: 152 Resp: 40742

Ion Ratio Lower Upper

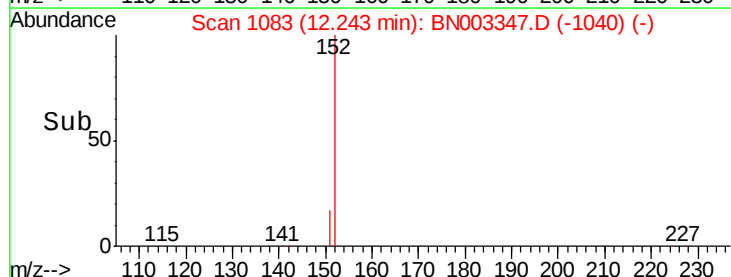
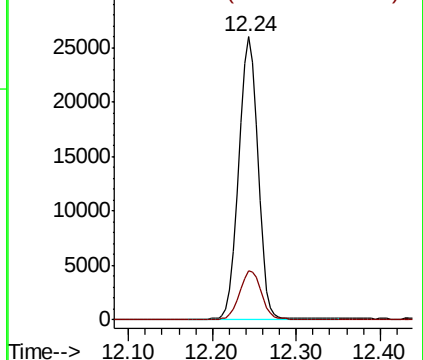
152 100

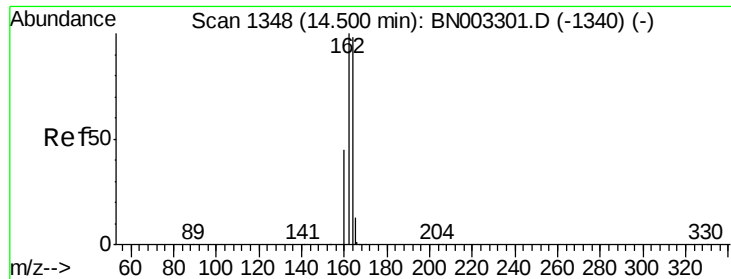
151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003347.D

Acq: 30 Oct 2018 00:13

Instrument :

BNA_N

ClientSampleId :

SA-PZ183I-20181025

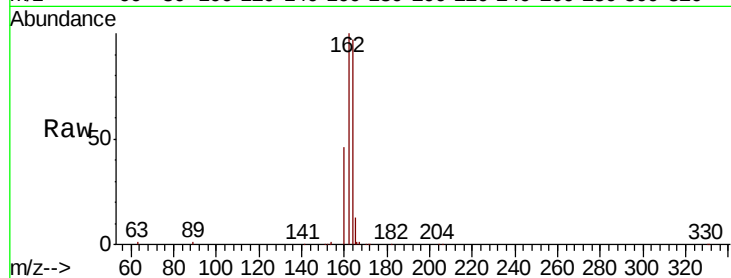
Tgt Ion:164 Resp: 44969

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

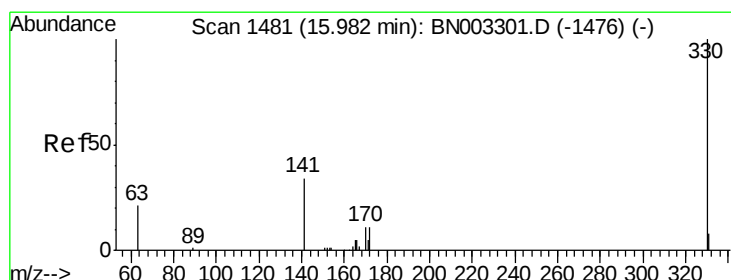
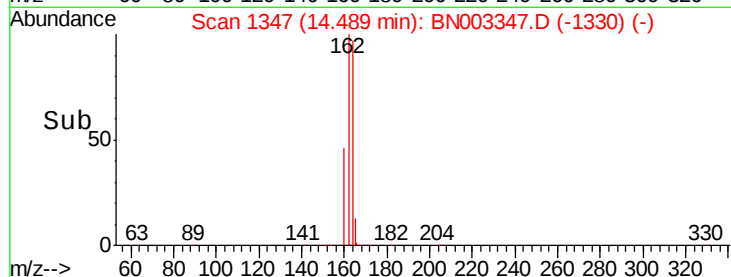
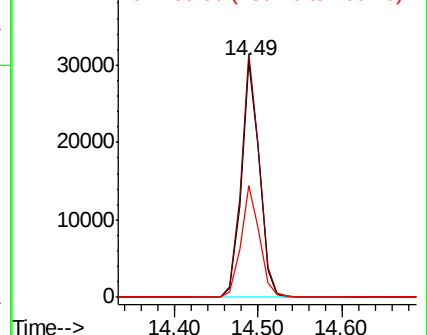
160 47.4 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.350 ng

RT: 15.98 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN003347.D

Acq: 30 Oct 2018 00:13

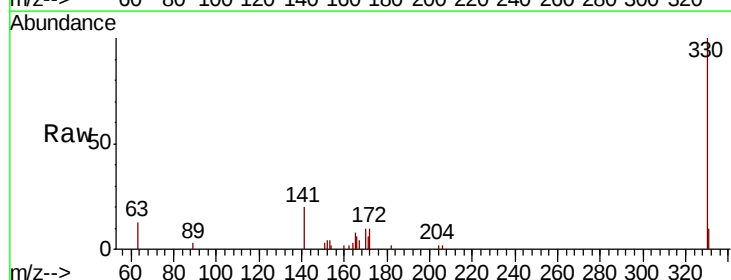
Tgt Ion:330 Resp: 6269

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

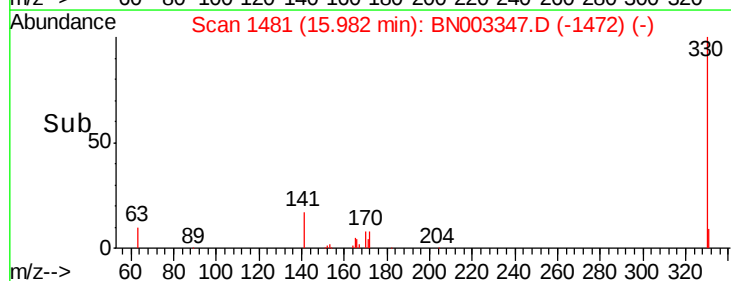
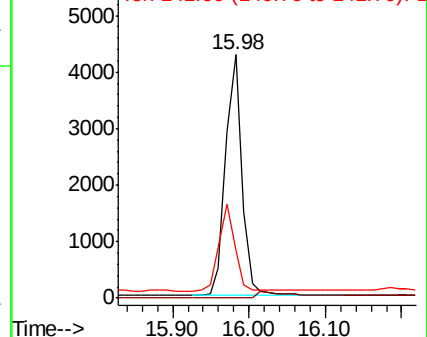
141 34.9 28.3 42.5

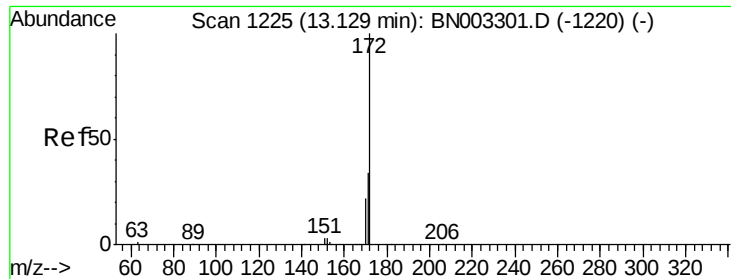


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

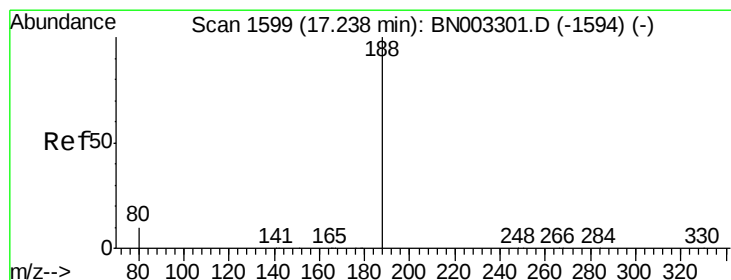
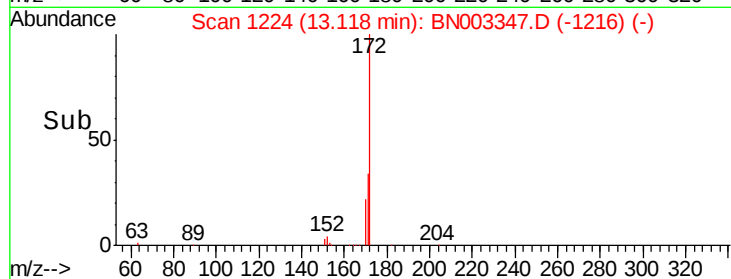
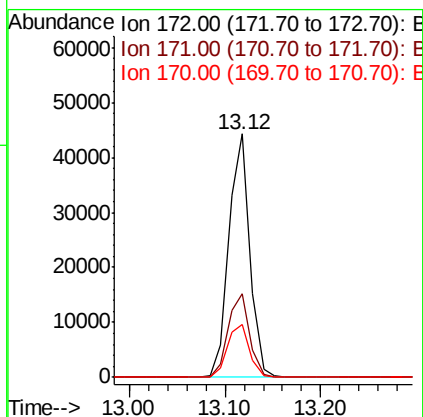
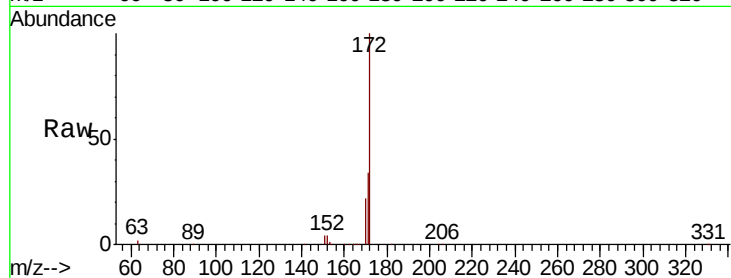




#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003347.D
Acq: 30 Oct 2018 00:13

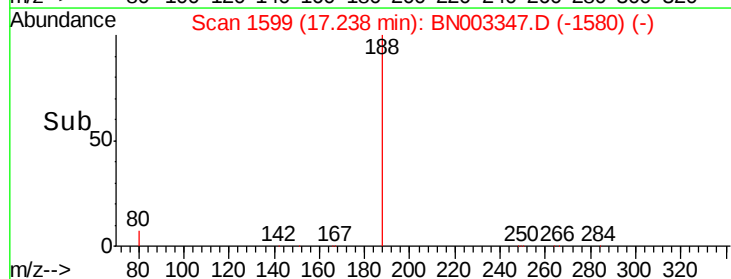
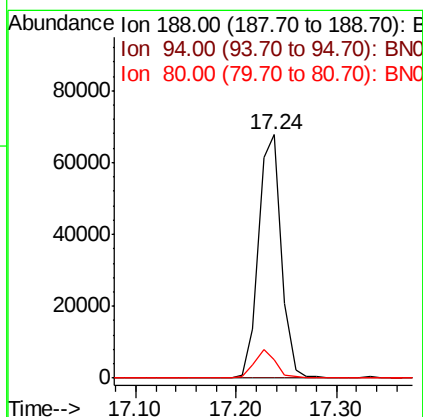
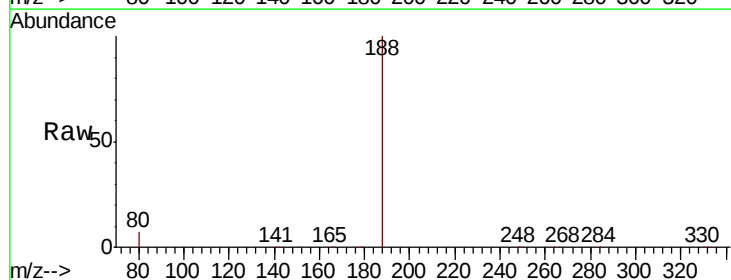
Instrument :
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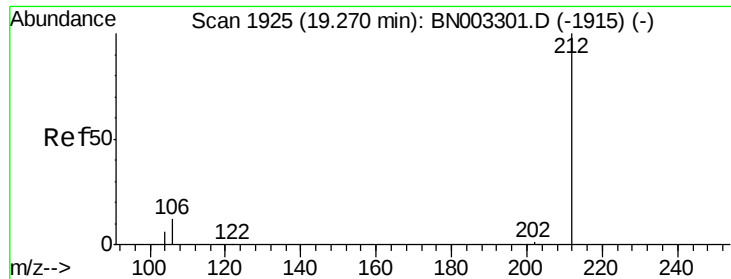
Tgt Ion:172 Resp: 67299
Ion Ratio Lower Upper
172 100
171 34.3 27.1 40.7
170 21.9 17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BN003347.D
Acq: 30 Oct 2018 00:13

Tgt Ion:188 Resp: 106726
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 8.6 12.8#





#25

Fluoranthene-d10

Concen: 0.311 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003347.D

Acq: 30 Oct 2018 00:13

Instrument :

BNA_N

ClientSampleId :

SA-PZ183I-20181025

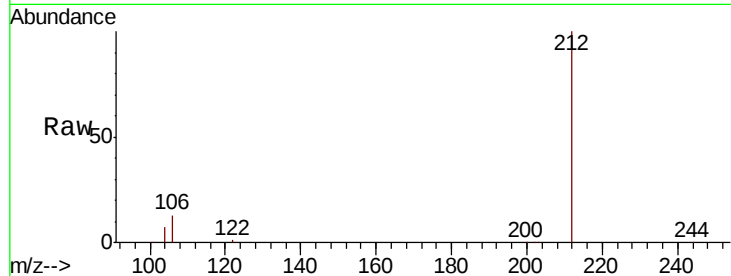
Tgt Ion:212 Resp: 96414

Ion Ratio Lower Upper

212 100

106 12.8 10.3 15.5

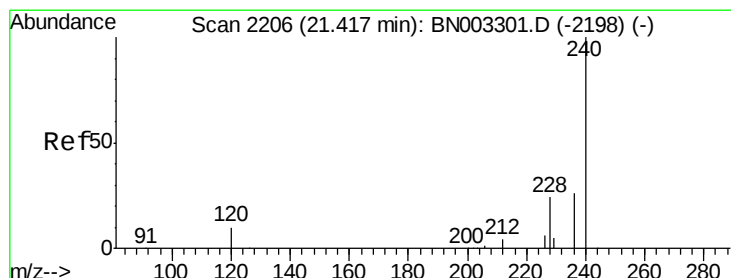
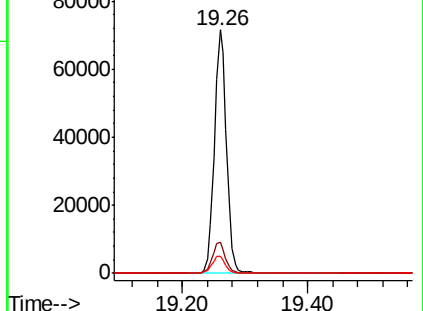
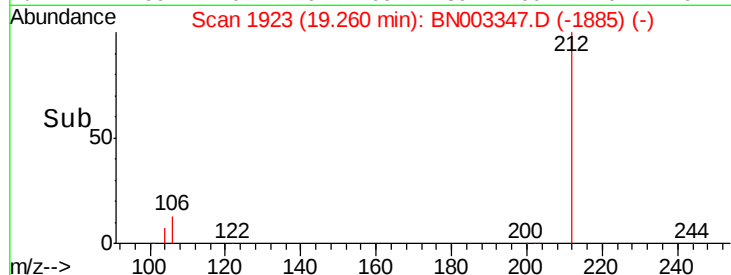
104 7.1 5.6 8.4



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: BN003347.D

Acq: 30 Oct 2018 00:13

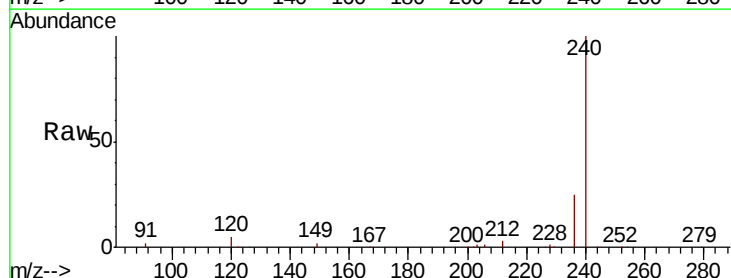
Tgt Ion:240 Resp: 104050

Ion Ratio Lower Upper

240 100

120 5.5 9.3 13.9#

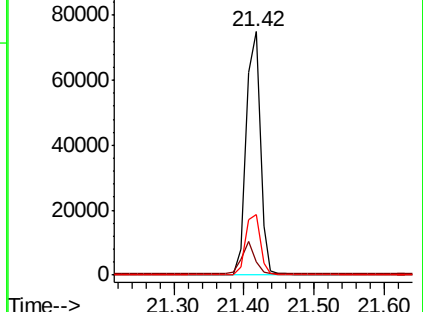
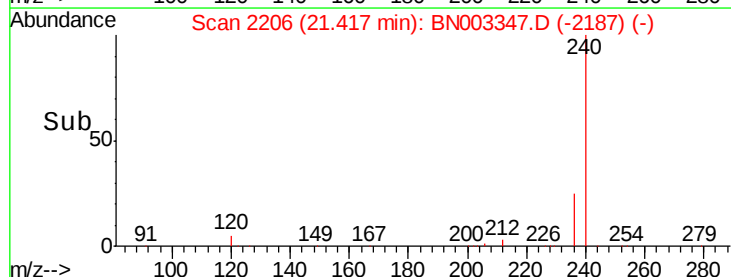
236 25.1 21.0 31.4

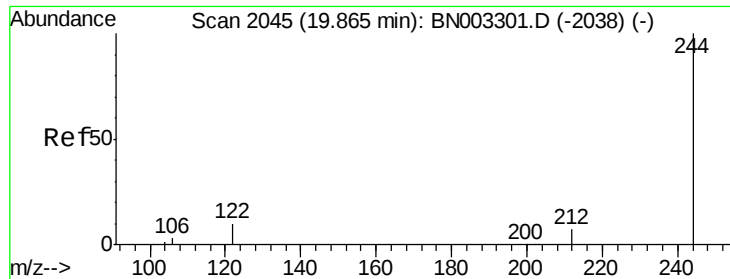


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.477 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003347.D

Acq: 30 Oct 2018 00:13

Instrument :

BNA_N

ClientSampleId :

SA-PZ183I-20181025

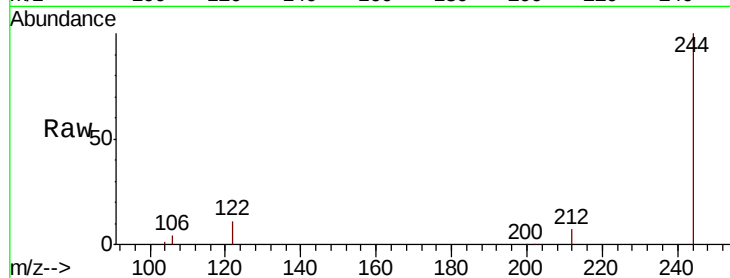
Tgt Ion:244 Resp: 115343

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

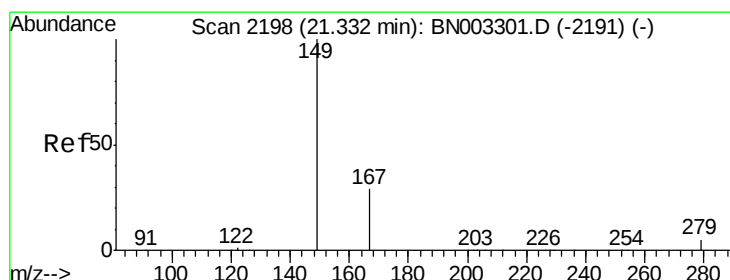
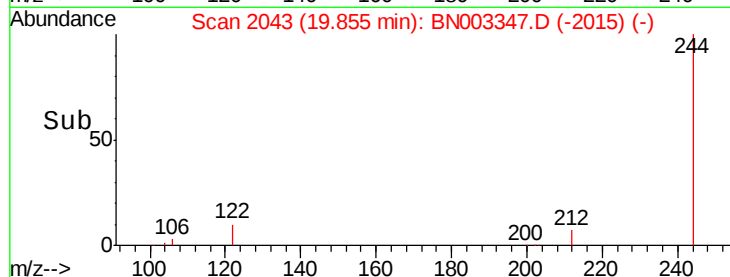
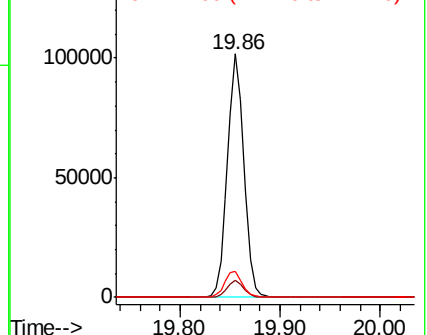
122 10.6 8.5 12.7



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: 0.063 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN003347.D

Acq: 30 Oct 2018 00:13

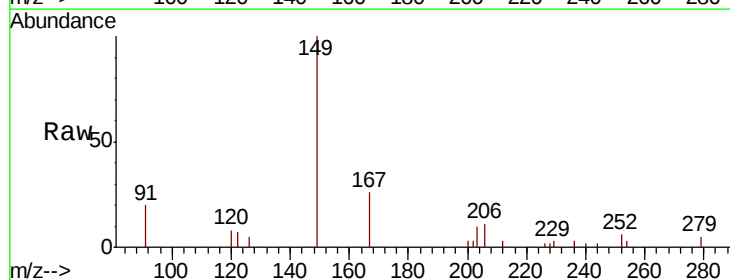
Tgt Ion:149 Resp: 5049

Ion Ratio Lower Upper

149 100

167 26.9 22.4 33.6

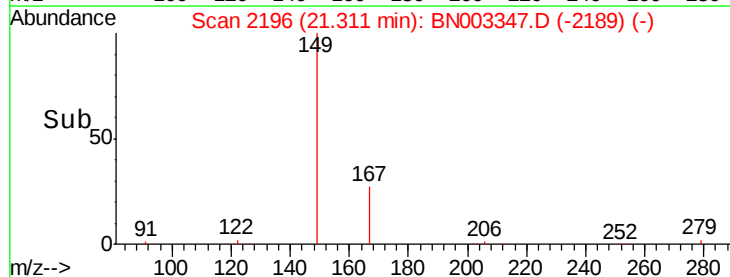
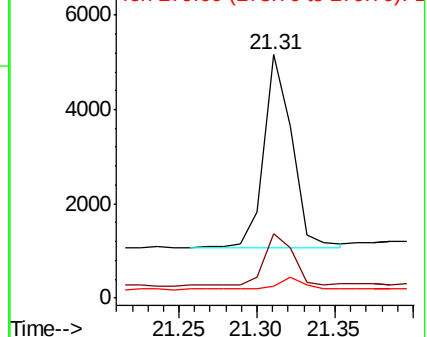
279 6.1 3.9 5.9#

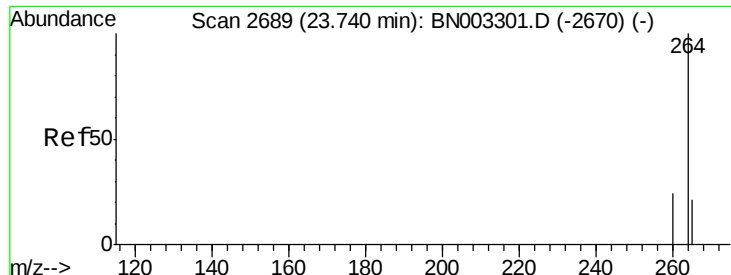


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2687

Delta R.T. -0.01 min

Lab File: BN003347.D

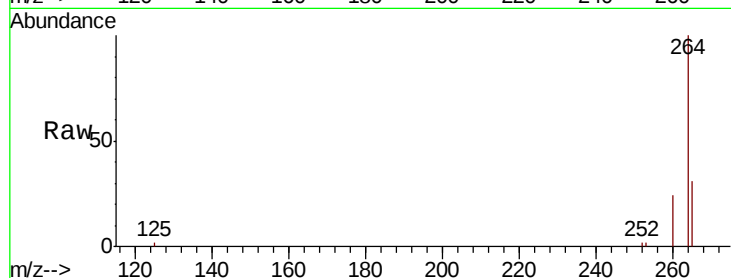
Acq: 30 Oct 2018 00:13

Instrument :

BNA_N

ClientSampleId :

SA-PZ183I-20181025



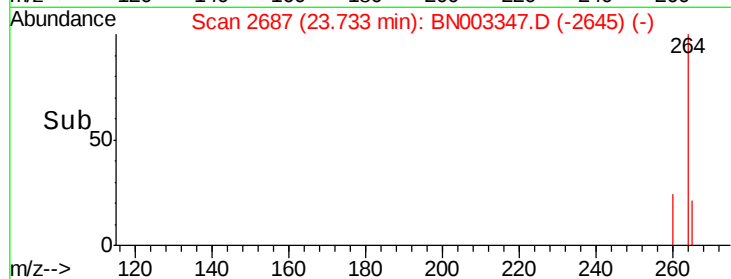
Tgt Ion: 264 Resp: 87352

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 31.3 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

