

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103118\
 Data File : BN003367.D
 Acq On : 31 Oct 2018 13:07
 Operator : MJ/SJ
 Sample : J4934-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 31 14:22:25 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	7.85	152	15830	0.40	ng	-0.02
7) Naphthalene-d8	10.66	136	66076	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	40759	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	96561	0.40	ng	-0.01
27) Chrysene-d12	21.41	240	85493	0.40	ng	-0.01
34) Perylene-d12	23.73	264	68474	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	8545	0.22	ng	-0.02
5) Phenol-d6	7.00	99	7332	0.15	ng	-0.02
8) Nitrobenzene-d5	9.01	82	18022	0.62	ng	-0.01
11) 2-Methylnaphthalene-d10	12.24	152	45626	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	9486	0.58	ng	-0.01
15) 2-Fluorobiphenyl	13.11	172	106515	0.61	ng	-0.02
25) Fluoranthene-d10	19.26	212	119620	0.43	ng	0.00
29) Terphenyl-d14	19.85	244	132274	0.67	ng	-0.01

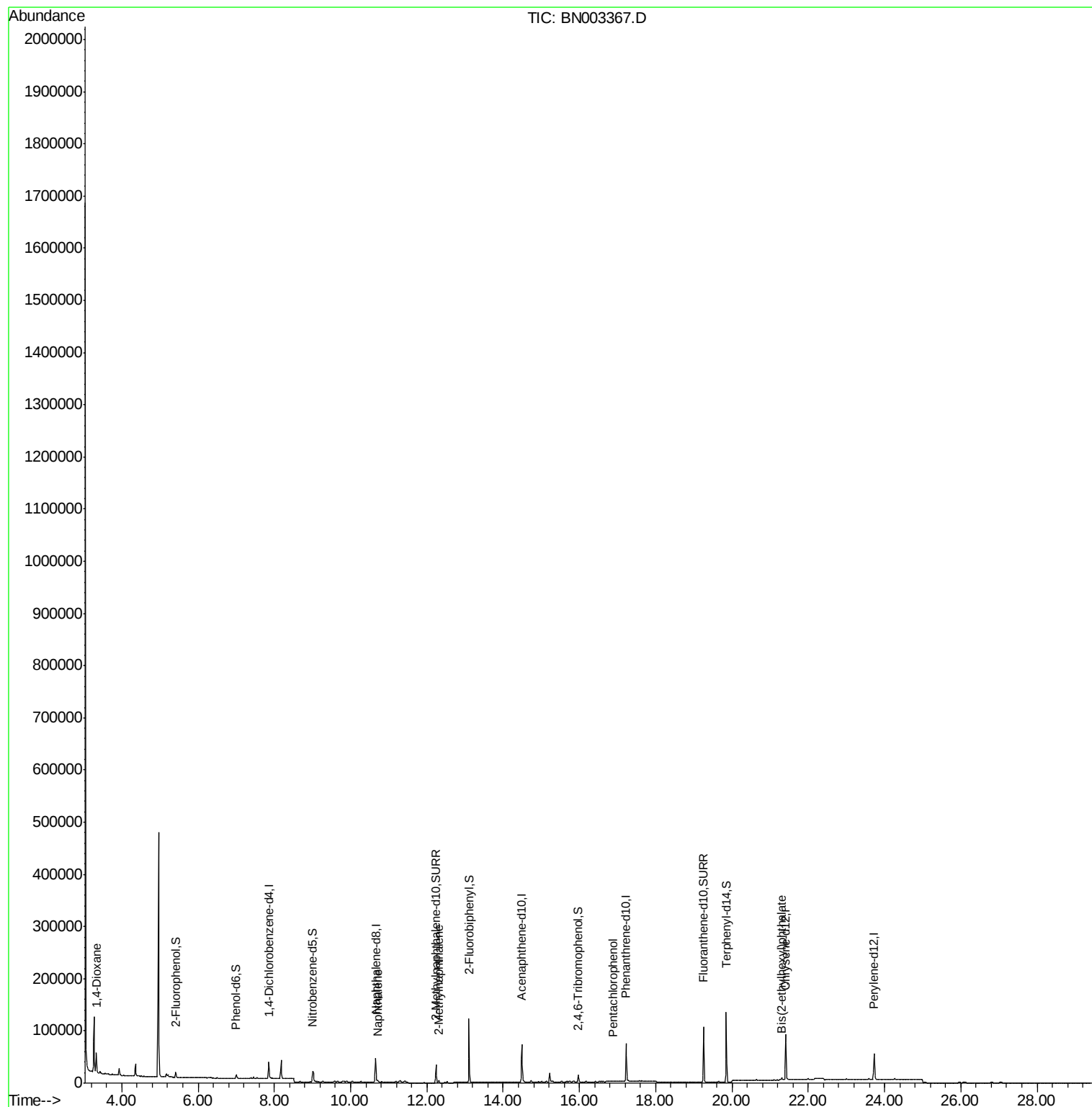
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	23781	1.160	ng	# 92
9) Naphthalene	10.71	128	3671	0.023	ng	# 92
12) 2-Methylnaphthalene	12.31	142	3666	0.032	ng	98
22) Pentachlorophenol	16.88	266	399	0.025	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.31	149	3682	0.056	ng	100

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

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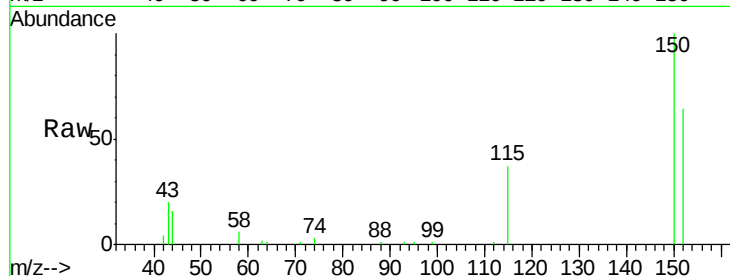


#1

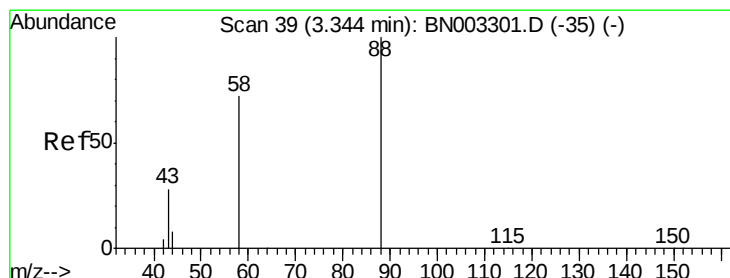
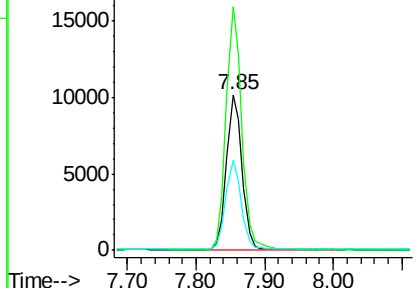
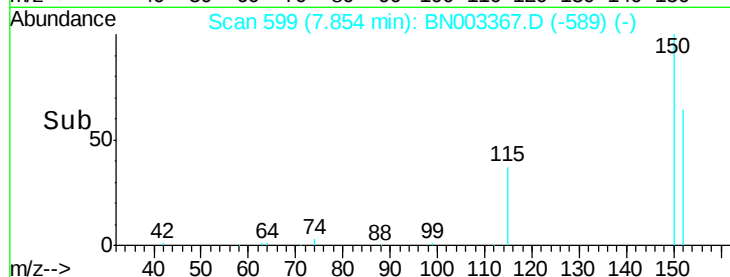
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 599
Delta R.T. -0.02 min
Lab File: BN003367.D
Acq: 31 Oct 2018 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 152 Resp: 15830
Ion Ratio Lower Upper
152 100
150 156.4 124.6 187.0
115 58.1 46.4 69.6



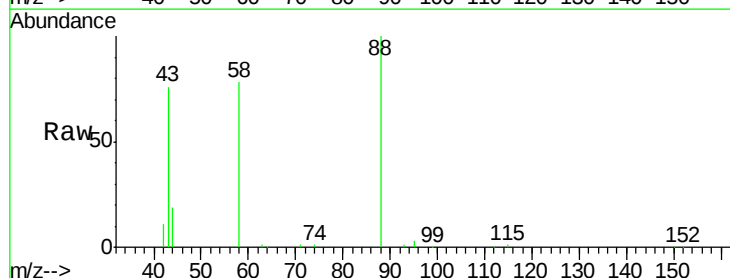
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



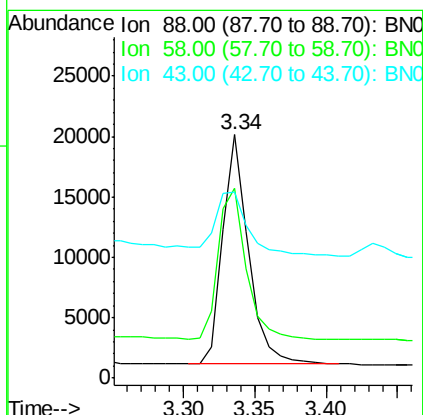
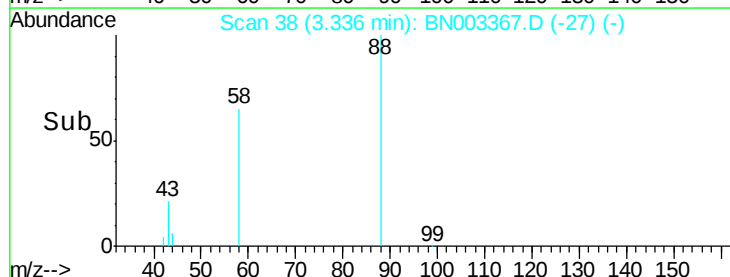
#2

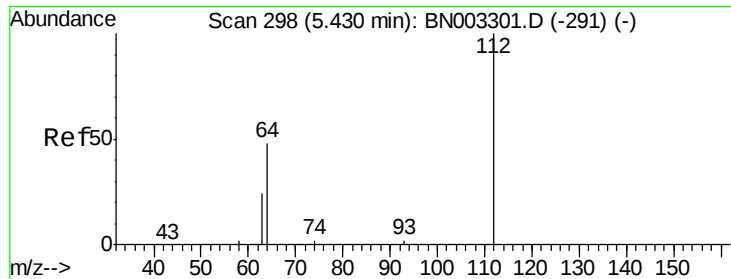
1,4-Dioxane
Concen: 1.160 ng
RT: 3.34 min Scan# 38
Delta R.T. -0.01 min
Lab File: BN003367.D
Acq: 31 Oct 2018 13:07

Tgt Ion: 88 Resp: 23781
Ion Ratio Lower Upper
88 100
58 71.5 60.9 91.3
43 37.1 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: 0.218 ng

RT: 5.41 min Scan# 296

Delta R.T. -0.02 min

Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

Instrument :

BNA_N

ClientSampleId :

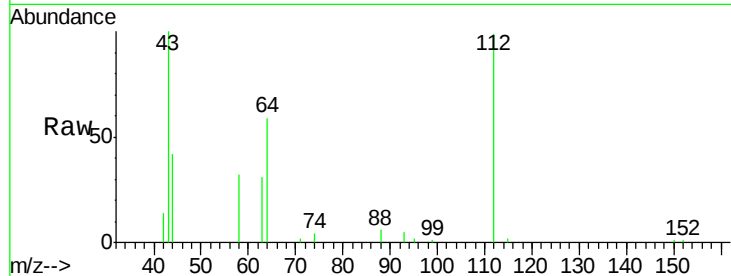
Tgt Ion: 112 Resp: 8545

Ion Ratio Lower Upper

112 100

64 53.3 44.3 66.5

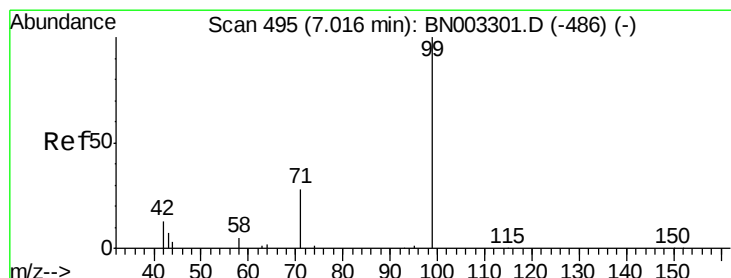
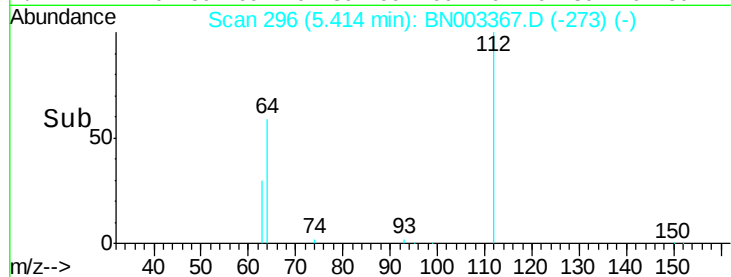
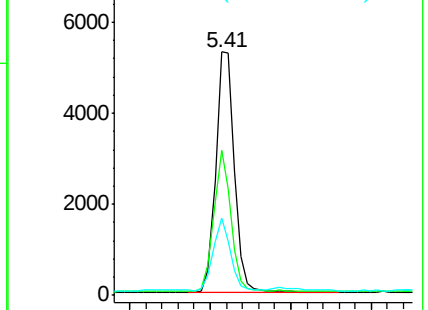
63 27.2 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.148 ng

RT: 7.00 min Scan# 493

Delta R.T. -0.02 min

Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

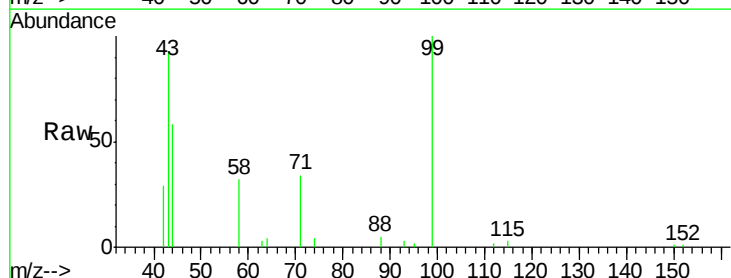
Tgt Ion: 99 Resp: 7332

Ion Ratio Lower Upper

99 100

42 17.3 14.8 22.2

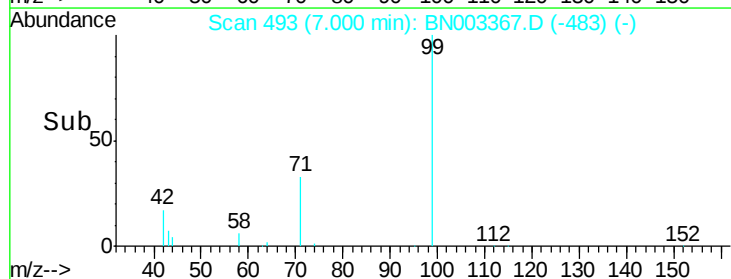
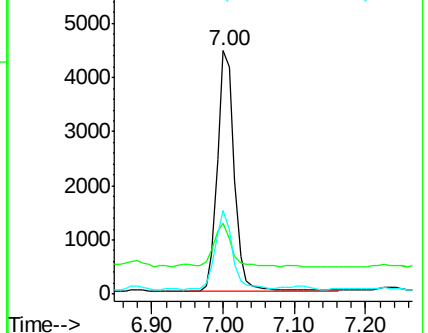
71 33.4 24.8 37.2

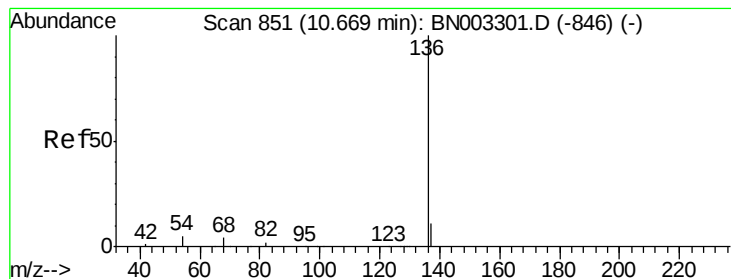


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:136 Resp: 66076

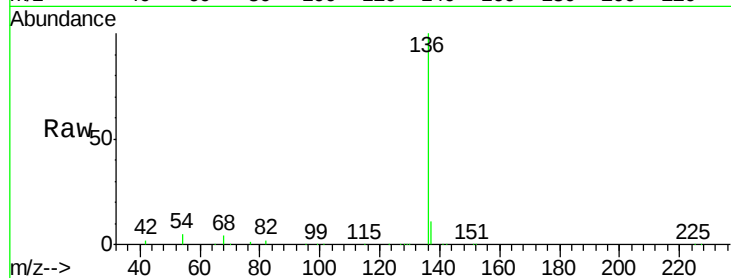
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 4.8 4.1 6.1

68 4.2 3.5 5.3

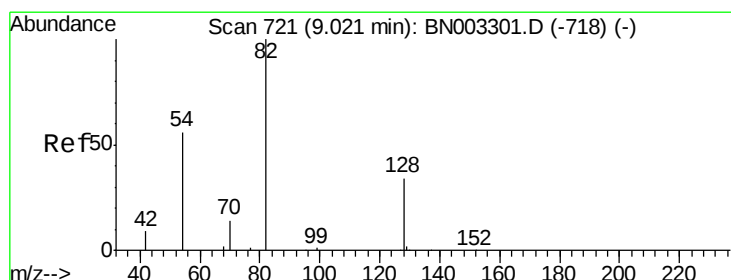
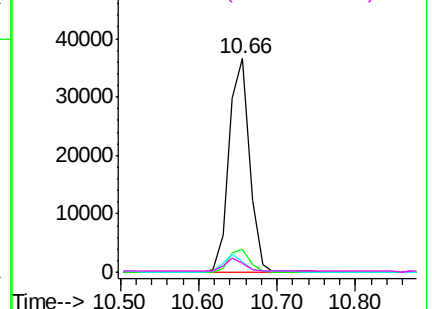
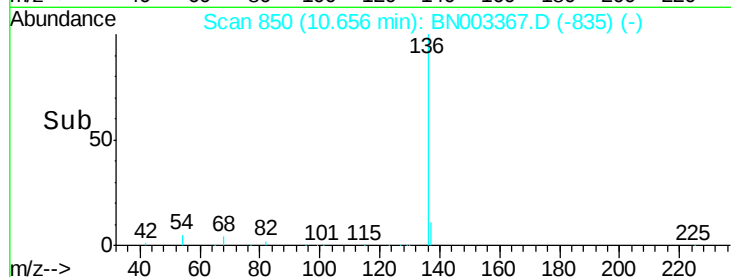


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.623 ng

RT: 9.01 min Scan# 720

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

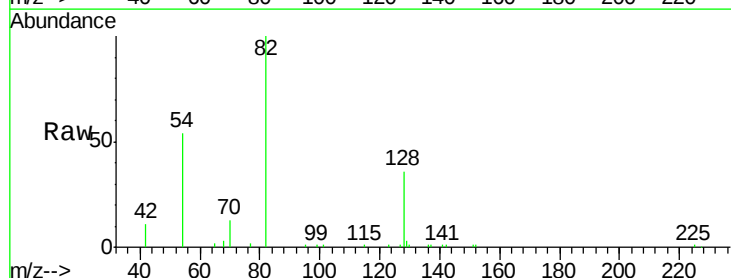
Tgt Ion: 82 Resp: 18022

Ion Ratio Lower Upper

82 100

128 35.9 28.9 43.3

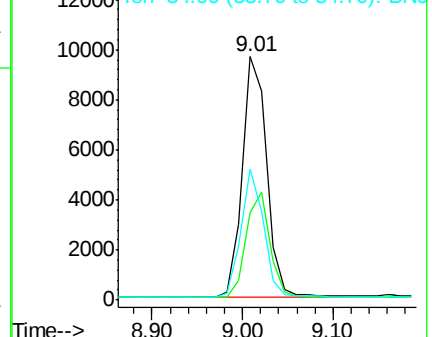
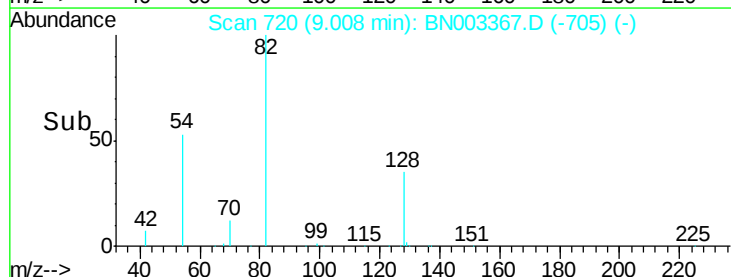
54 54.0 46.1 69.1

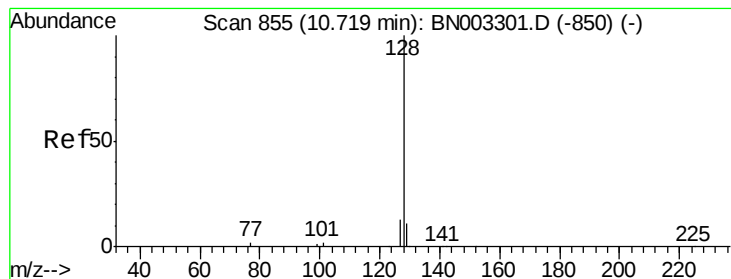


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.023 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

Instrument :

BNA_N

ClientSampleId :

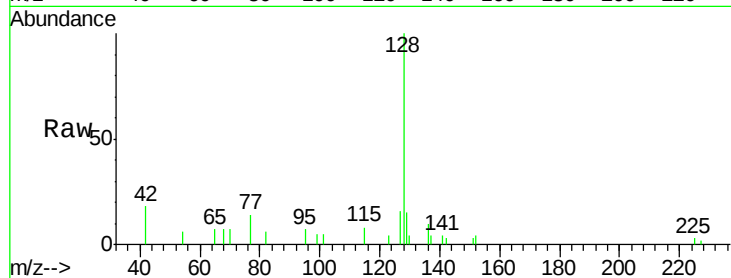
Tgt Ion:128 Resp: 3671

Ion Ratio Lower Upper

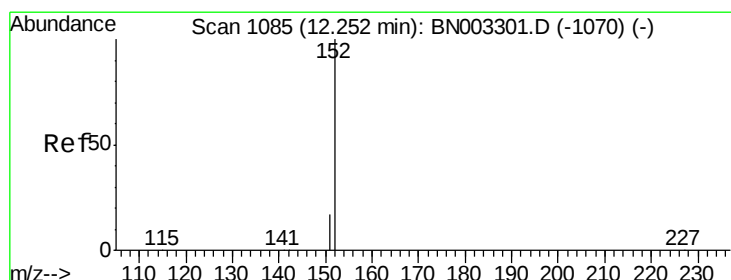
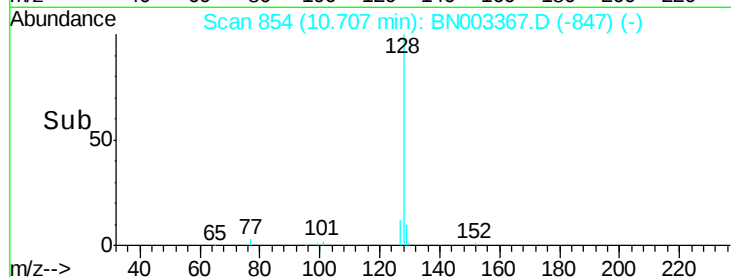
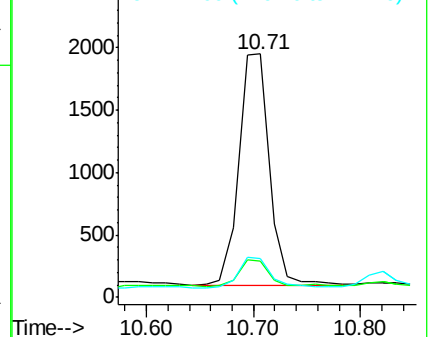
128 100

129 14.8 9.1 13.7#

127 15.9 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 12.24 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BN003367.D

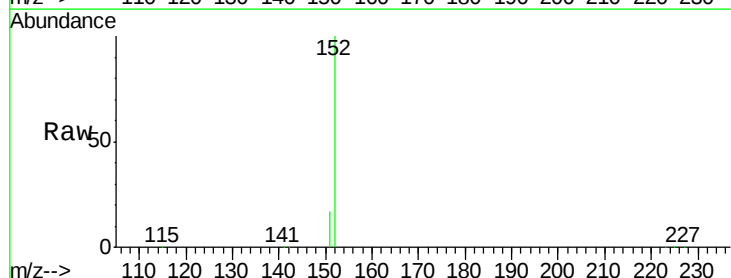
Acq: 31 Oct 2018 13:07

Tgt Ion:152 Resp: 45626

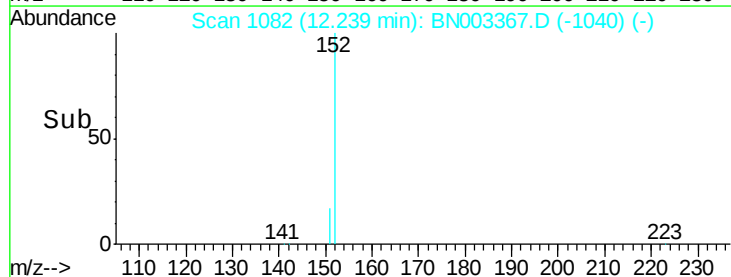
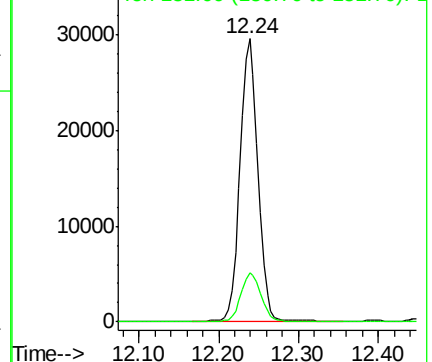
Ion Ratio Lower Upper

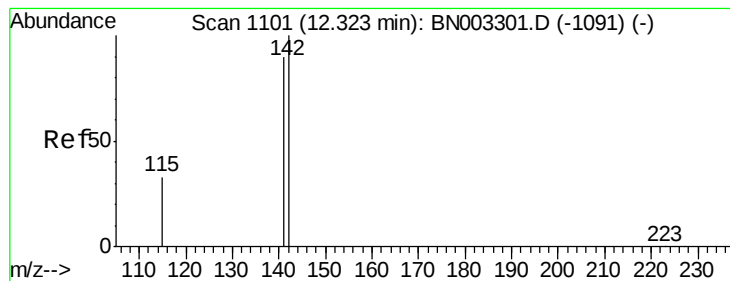
152 100

151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.032 ng

RT: 12.31 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

Instrument :

BNA_N

ClientSampleId :

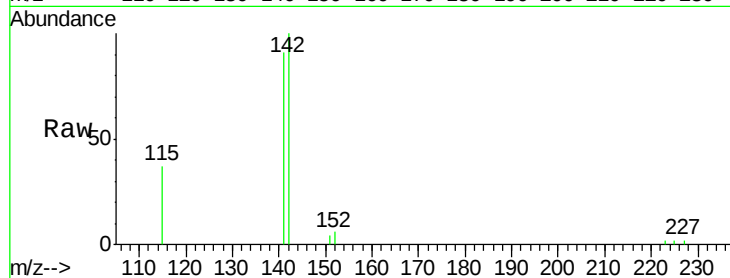
Tgt Ion:142 Resp: 3666

Ion Ratio Lower Upper

142 100

141 91.1 71.9 107.9

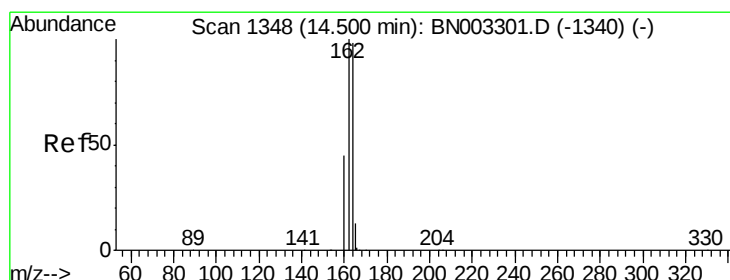
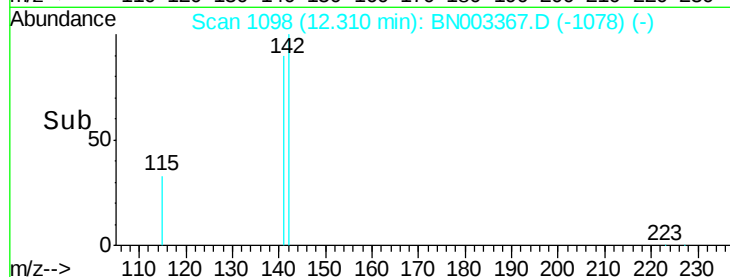
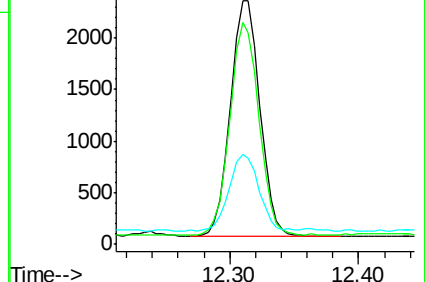
115 37.0 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

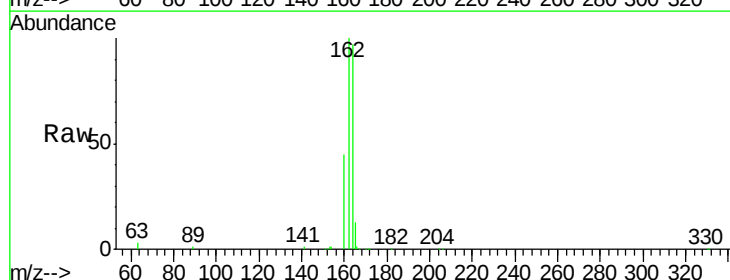
Tgt Ion:164 Resp: 40759

Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

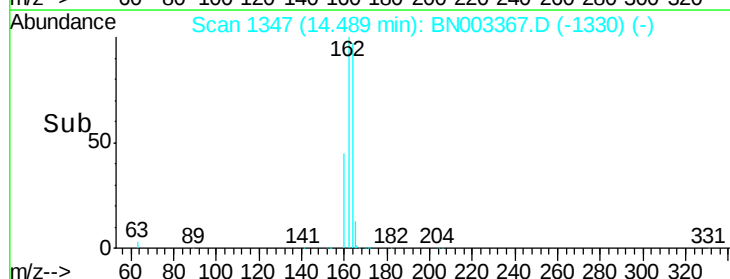
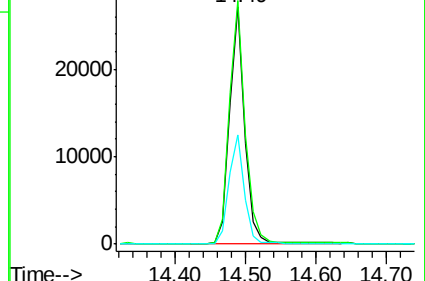
160 46.1 37.2 55.8

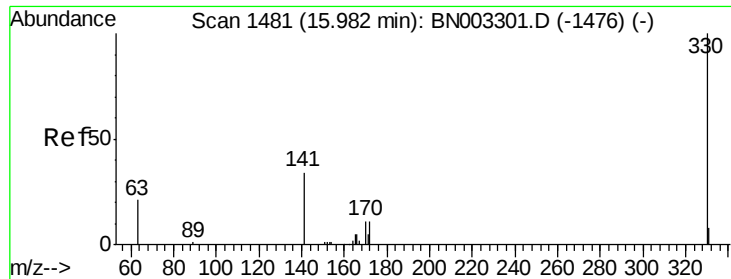


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

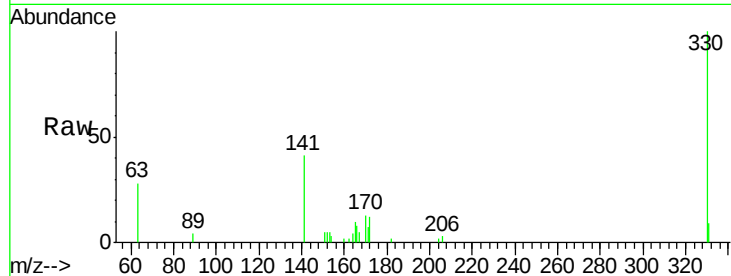




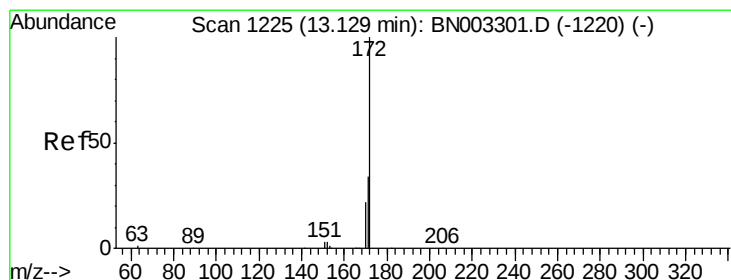
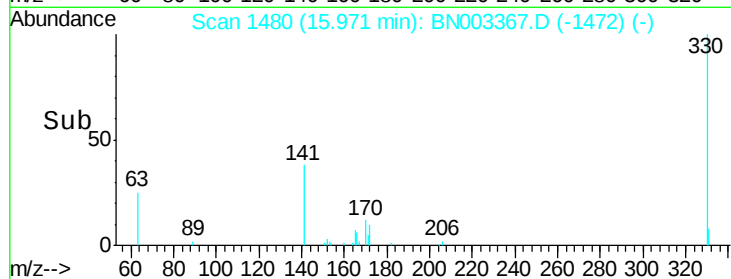
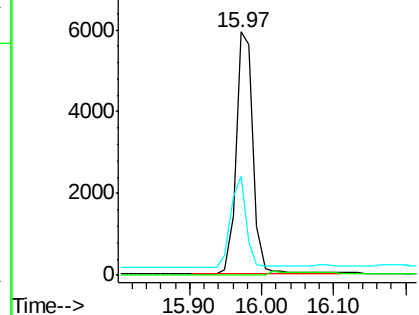
#14
 2,4,6-Tribromophenol
 Concen: 0.585 ng
 RT: 15.97 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BN003367.D
 Acq: 31 Oct 2018 13:07

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:330 Resp: 9486
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.2 28.3 42.5

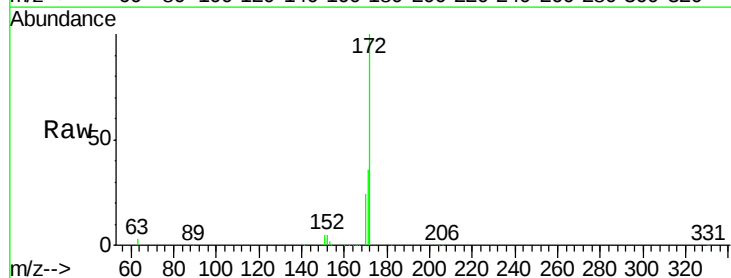


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

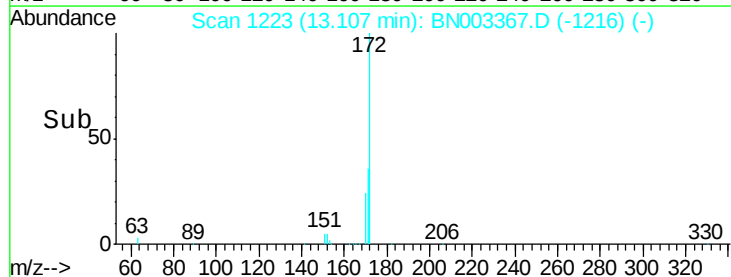
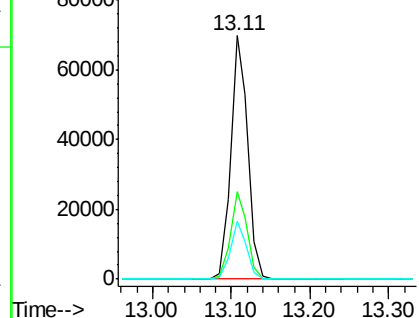


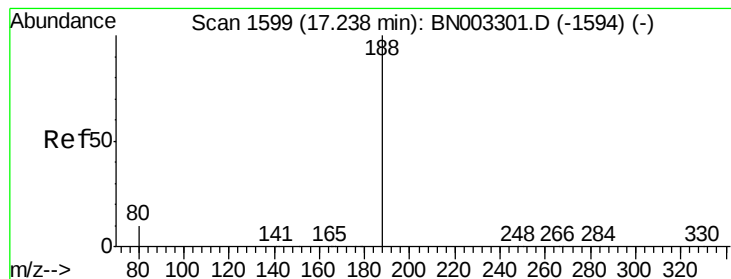
#15
 2-Fluorobiphenyl
 Concen: 0.607 ng
 RT: 13.11 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BN003367.D
 Acq: 31 Oct 2018 13:07

Tgt Ion:172 Resp: 106515
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.1 40.7
 170 23.7 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: 17.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

Instrument :

BNA_N

ClientSampleId :

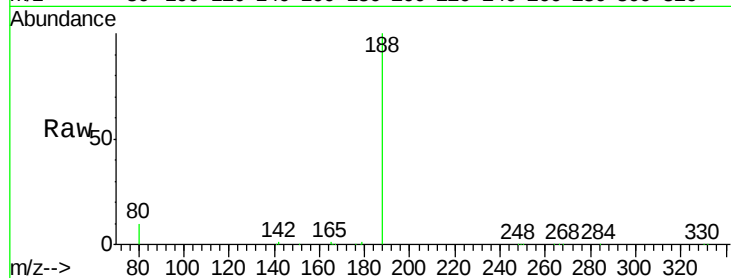
Tgt Ion:188 Resp: 96561

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

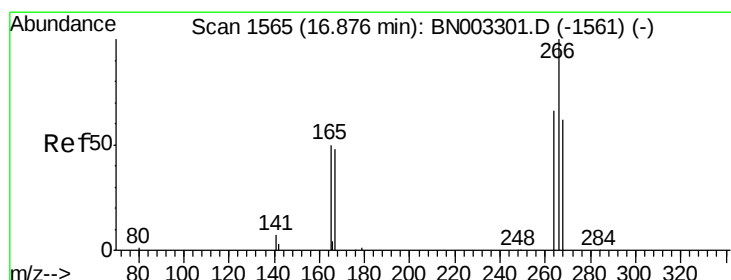
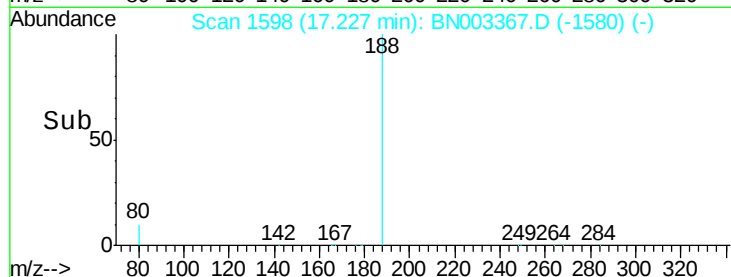
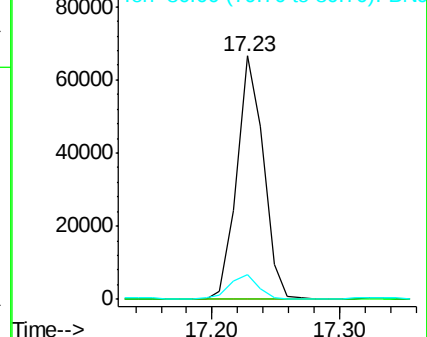
80 10.4 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#22

Pentachlorophenol

Concen: 0.025 ng

RT: 16.88 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

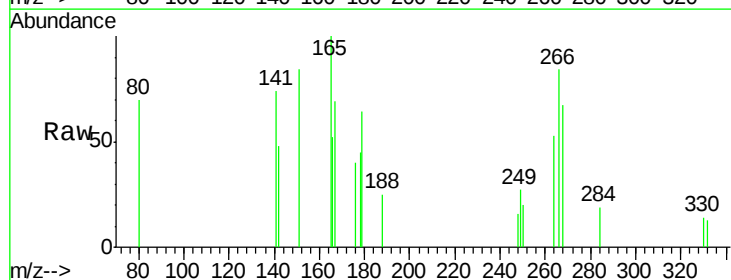
Tgt Ion:266 Resp: 399

Ion Ratio Lower Upper

266 100

264 62.6 52.1 78.1

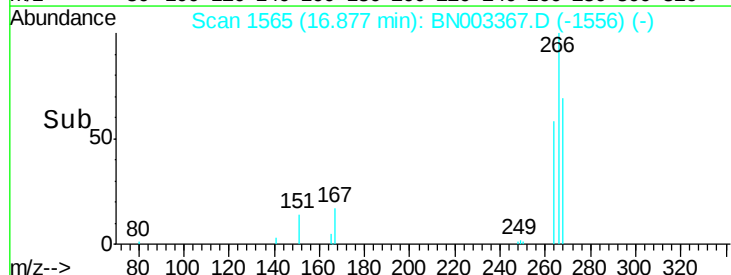
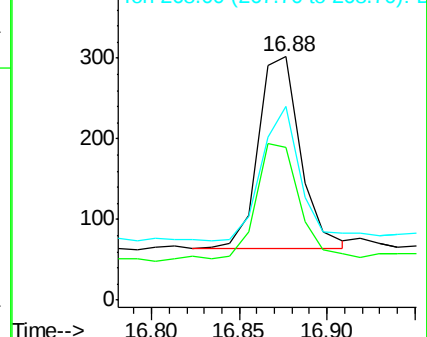
268 79.8 51.8 77.6#

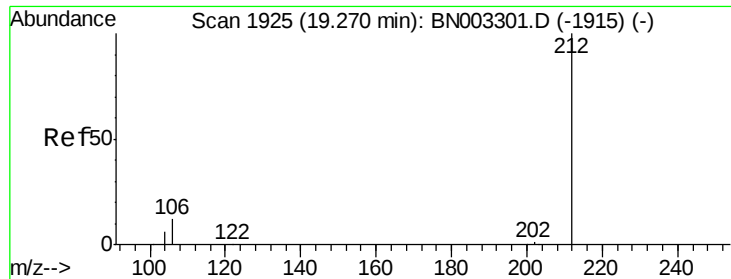


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.426 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

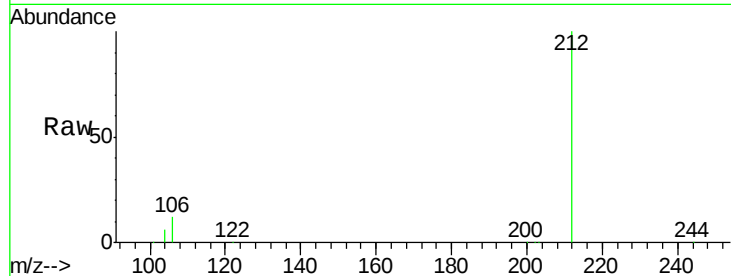
Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

Instrument :

BNA_N

ClientSampleId :



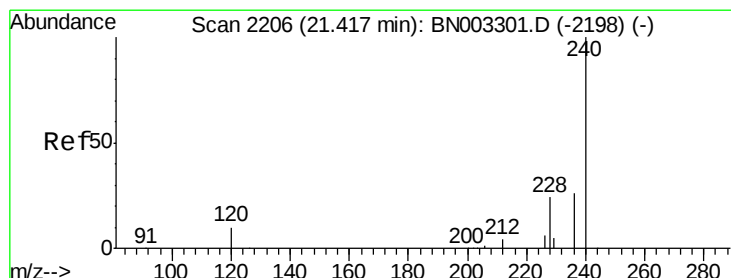
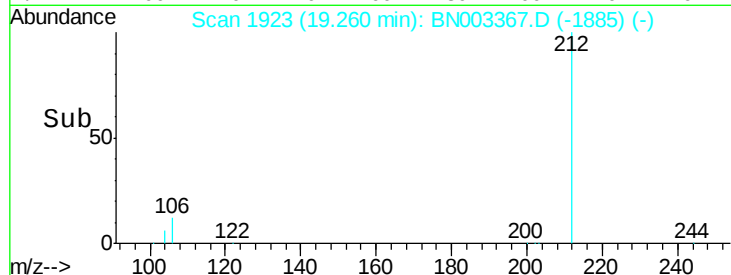
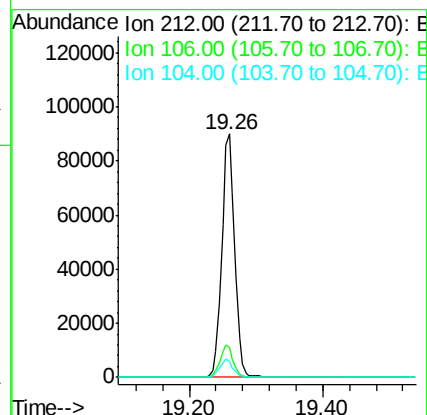
Tgt Ion:212 Resp: 119620

Ion Ratio Lower Upper

212 100

106 13.0 10.3 15.5

104 7.0 5.6 8.4



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

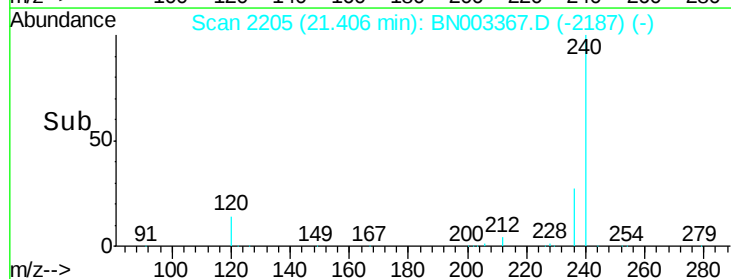
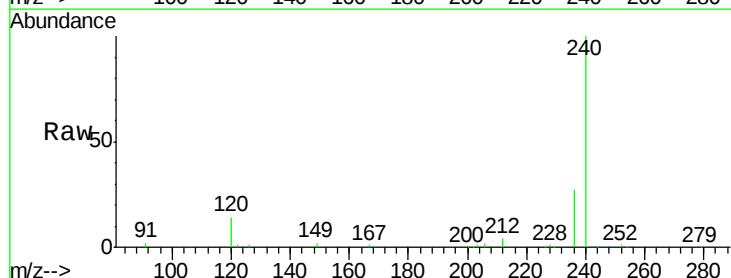
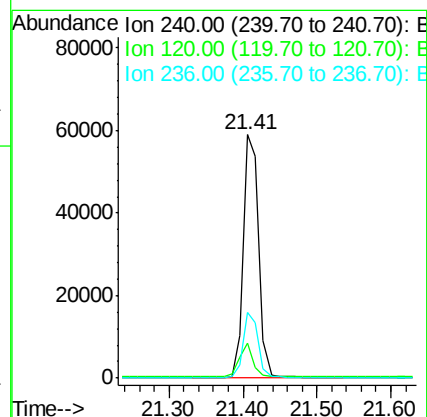
Tgt Ion:240 Resp: 85493

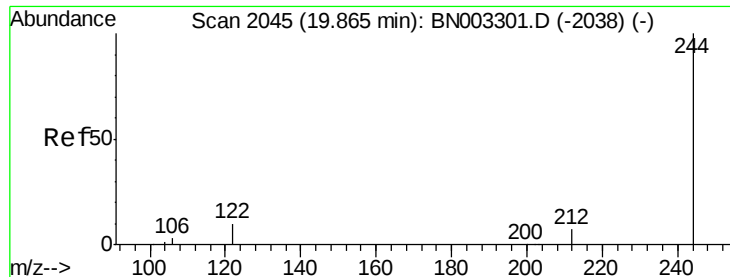
Ion Ratio Lower Upper

240 100

120 14.2 9.3 13.9#

236 26.8 21.0 31.4





#29

Terphenyl-d14

Concen: 0.665 ng

RT: 19.85 min Scan# 2042

Delta R.T. -0.01 min

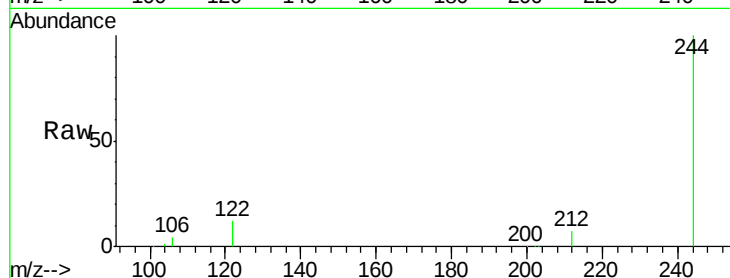
Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

Instrument :

BNA_N

ClientSampled :



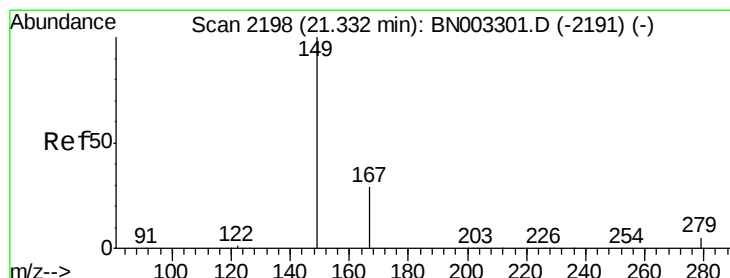
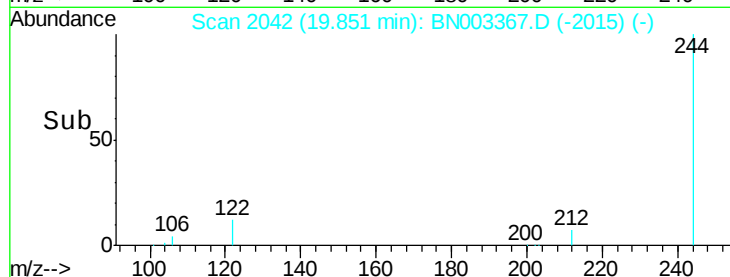
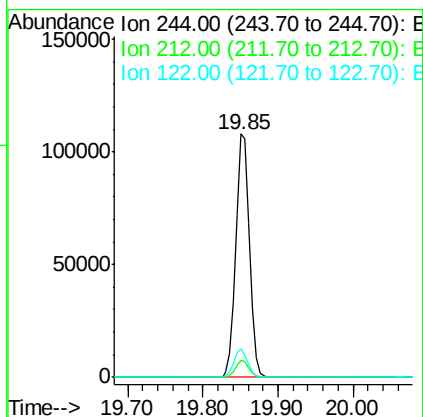
Tgt Ion:244 Resp: 132274

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.9 8.5 12.7



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.056 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

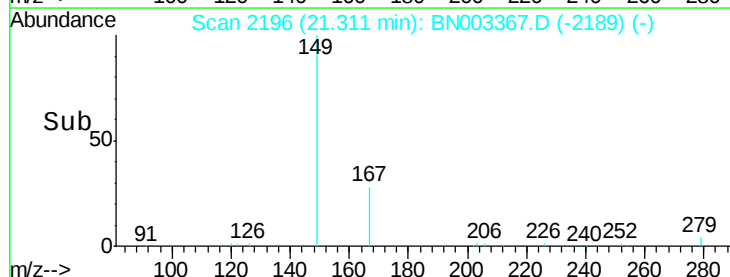
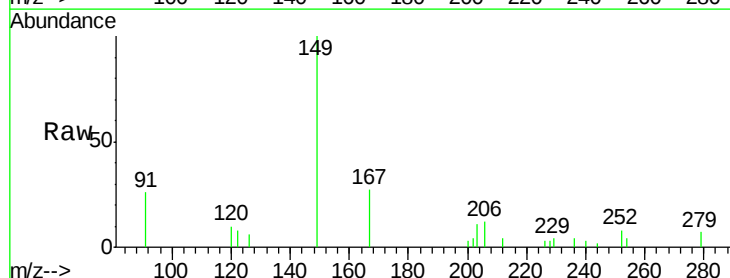
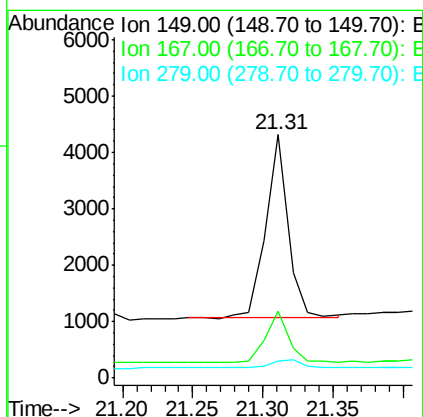
Tgt Ion:149 Resp: 3682

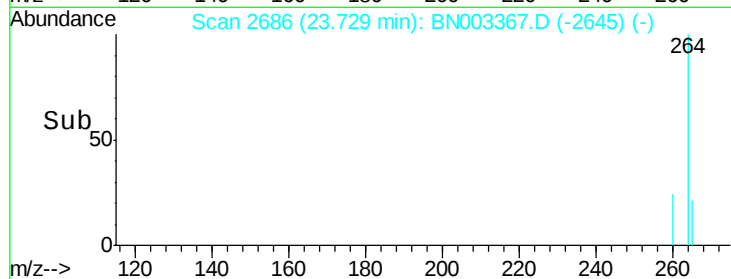
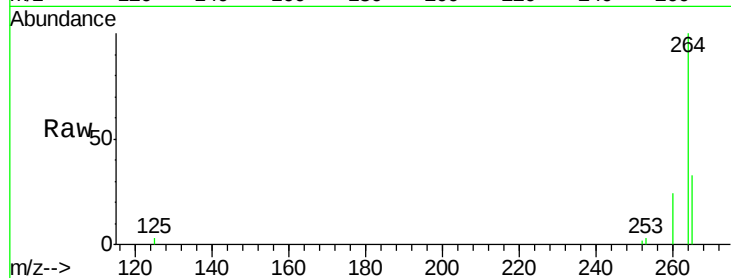
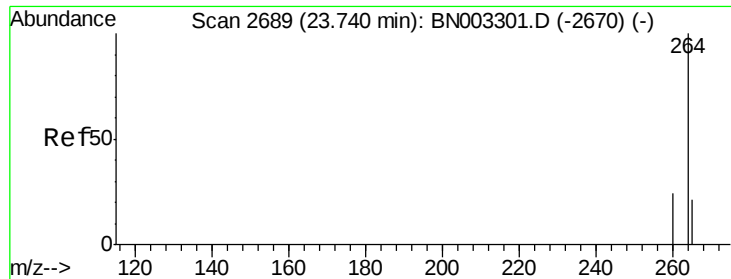
Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

279 5.1 3.9 5.9





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 13:07

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:264 Resp: 68474

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 32.8 26.4 39.6

