

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
 Data File : BN003319.D
 Acq On : 26 Oct 2018 23:40
 Operator : MJ/SJ
 Sample : PB114224BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114224BL

Quant Time: Oct 27 01:10:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 26 15:17:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	13804	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	54518	0.40	ng	-0.01
13) Acenaphthene-d10	14.50	164	28757	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	74116	0.40	ng	0.00
27) Chrysene-d12	21.42	240	75461	0.40	ng	0.00
34) Perylene-d12	23.74	264	66430	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.43	112	7457	0.22	ng	0.00
5) Phenol-d6	7.01	99	9018	0.21	ng	0.00
8) Nitrobenzene-d5	9.02	82	5528	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	17723	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1782	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	26289	0.21	ng	-0.01
25) Fluoranthene-d10	19.26	212	41242	0.19	ng	0.00
29) Terphenyl-d14	19.86	244	36301	0.21	ng	0.00

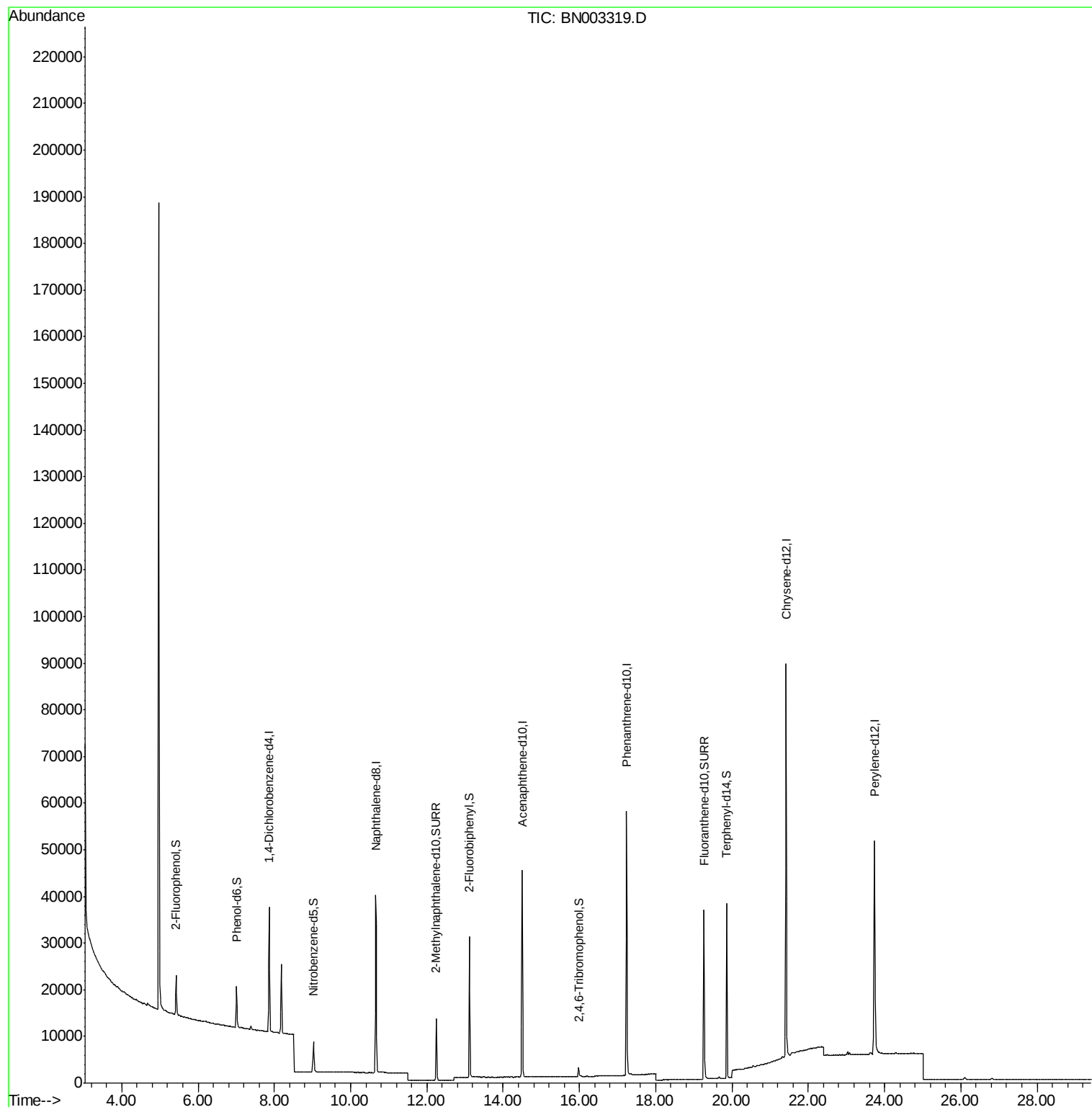
Target Compounds	Qvalue
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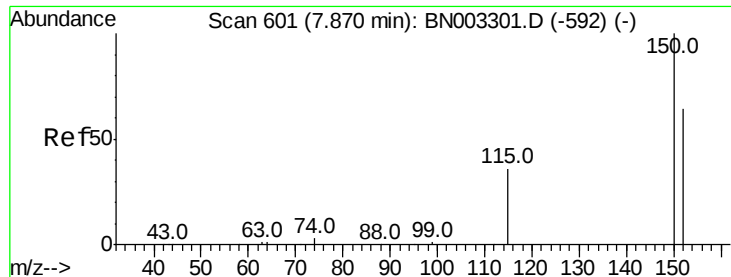
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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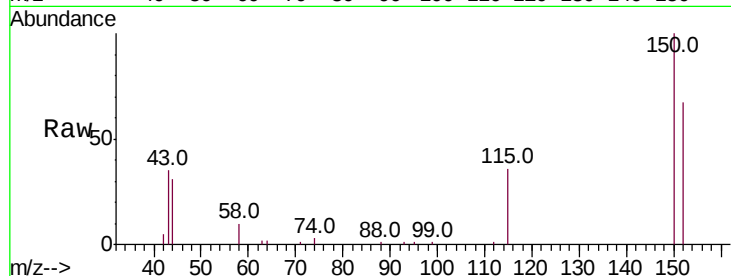


#1

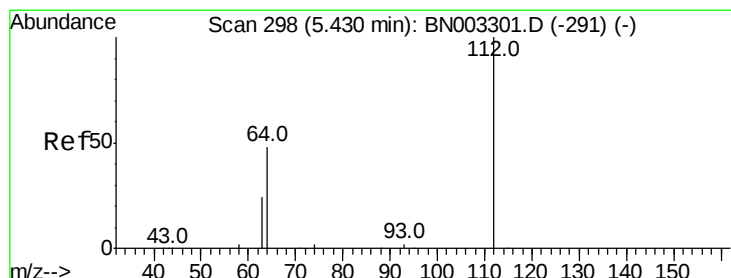
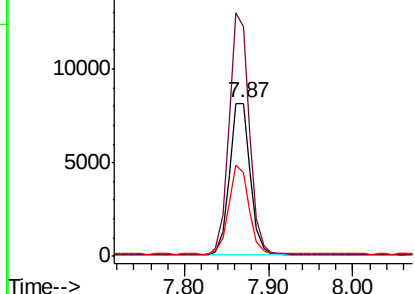
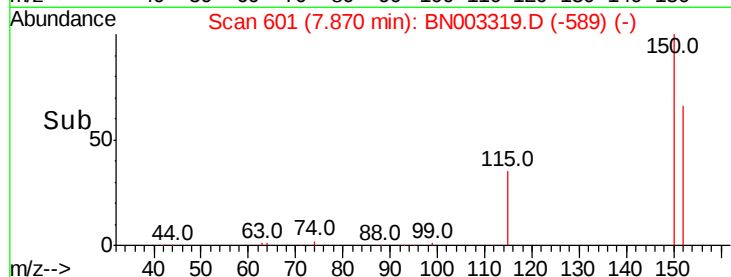
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.87 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BN003319.D
 Acq: 26 Oct 2018 23:40

Instrument :
 BNA_N
 ClientSampleId :
 PB114224BL

Tot Ion:152 Resp: 13804
 Ion Ratio Lower Upper
 152 100
 150 150.0 124.6 187.0
 115 54.4 46.4 69.6



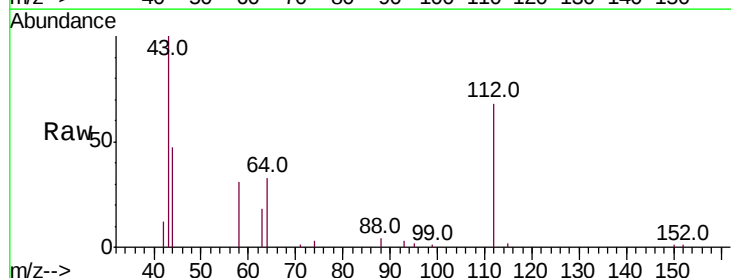
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



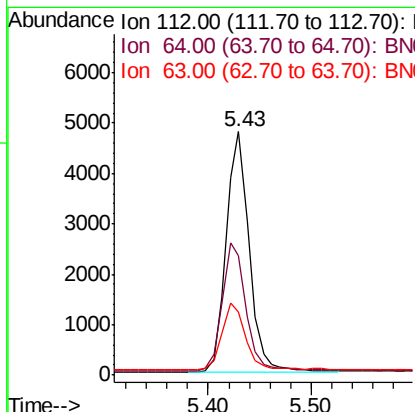
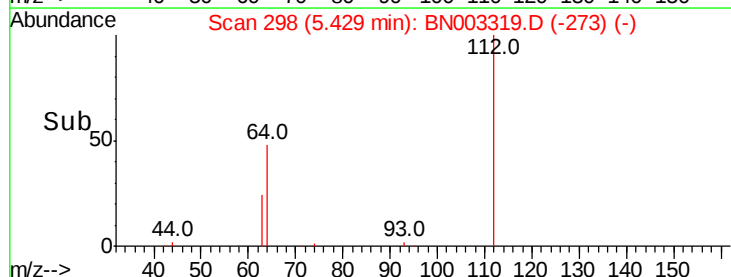
#4

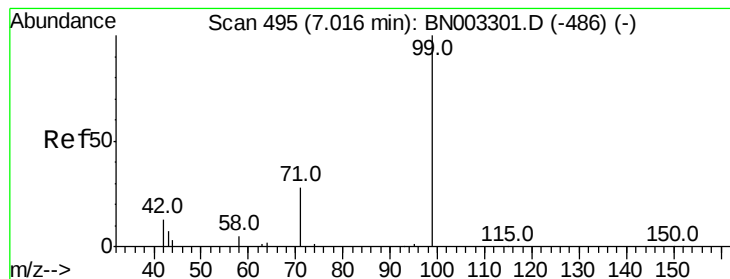
2-Fluorophenol
 Concen: 0.218 ng
 RT: 5.43 min Scan# 298
 Delta R.T. -0.00 min
 Lab File: BN003319.D
 Acq: 26 Oct 2018 23:40

Tgt Ion:112 Resp: 7457
 Ion Ratio Lower Upper
 112 100
 64 54.6 44.3 66.5
 63 27.8 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: 0.209 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003319.D

Acq: 26 Oct 2018 23:40

Instrument :

BNA_N

ClientSampleId :

PB114224BL

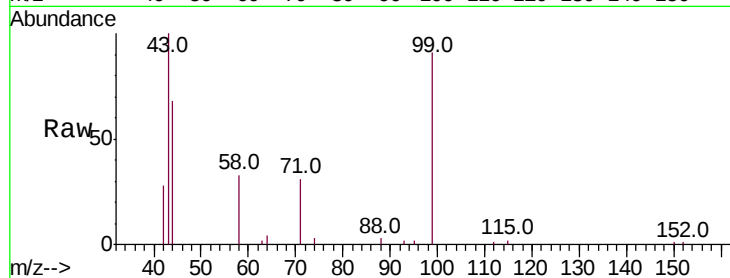
Tot Ion: 99 Resp: 9018

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

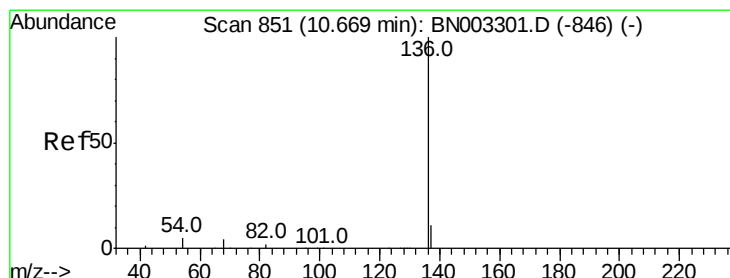
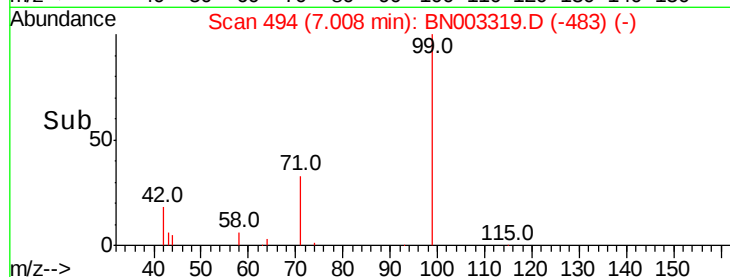
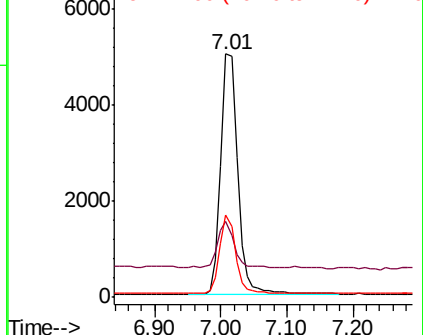
71 30.9 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN003319.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN003319.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN003319.D (-486) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003319.D

Acq: 26 Oct 2018 23:40

Tgt Ion:136 Resp: 54518

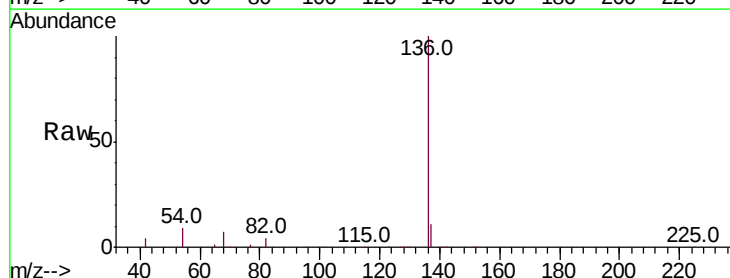
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 9.0 4.1 6.1#

68 7.2 3.5 5.3#

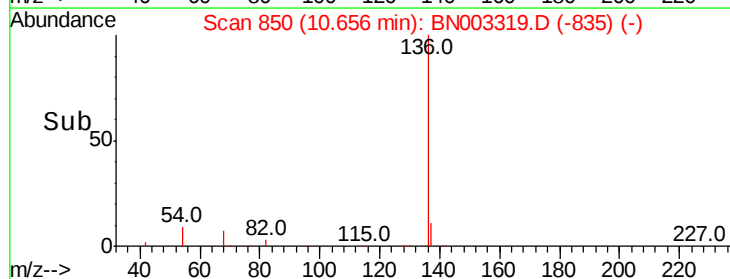
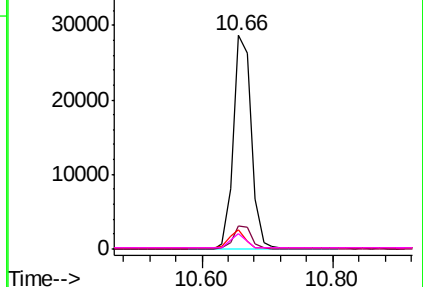


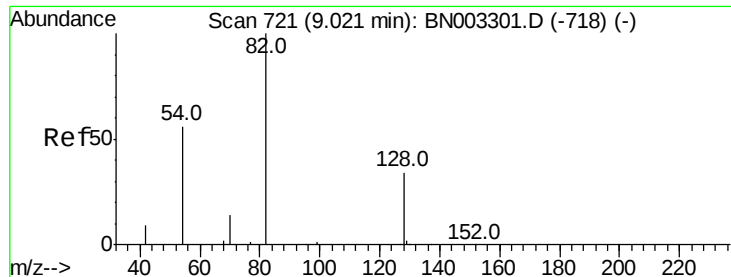
Abundance Ion 136.00 (135.70 to 136.70): BN003319.D (-835) (-)

Ion 137.00 (136.70 to 137.70): BN003319.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN003319.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN003319.D (-835) (-)





#8

Nitrobenzene-d5

Concen: 0.232 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003319.D

Acq: 26 Oct 2018 23:40

Instrument :

BNA_N

ClientSampleId :

PB114224BL

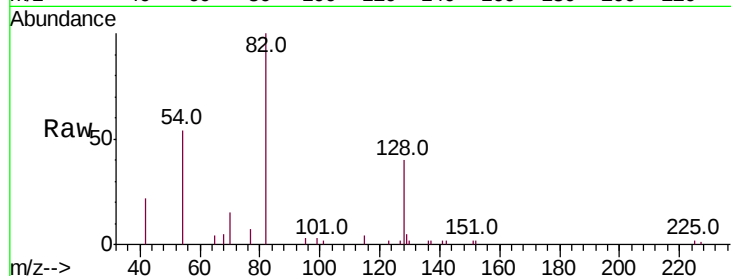
Tot Ion: 82 Resp: 5528

Ion Ratio Lower Upper

82 100

128 40.2 28.9 43.3

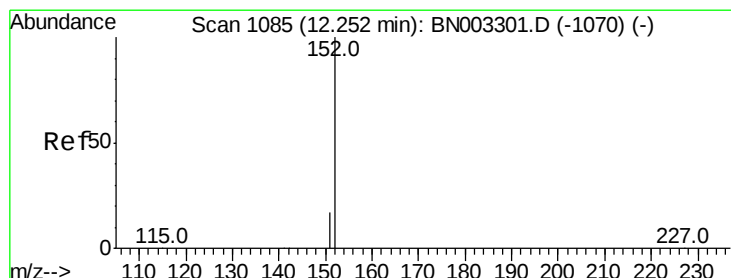
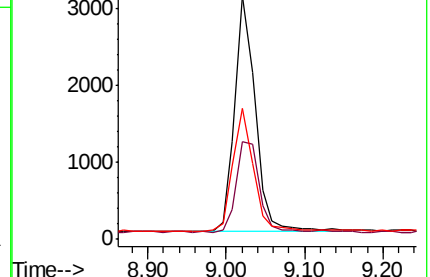
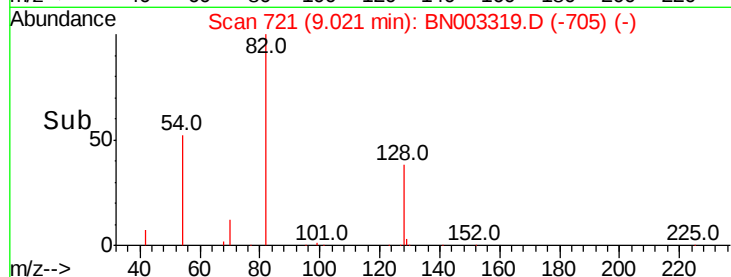
54 53.8 46.1 69.1



Abundance Ion 82.00 (81.70 to 82.70): BN003319.D (-705) (-)

Ion 128.00 (127.70 to 128.70): BN003319.D (-705) (-)

Ion 54.00 (53.70 to 54.70): BN003319.D (-705) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.200 ng

RT: 12.25 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BN003319.D

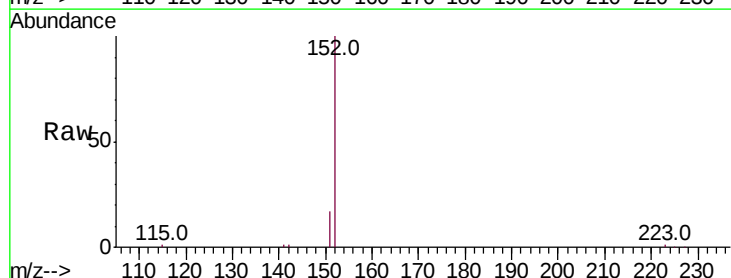
Acq: 26 Oct 2018 23:40

Tgt Ion: 152 Resp: 17723

Ion Ratio Lower Upper

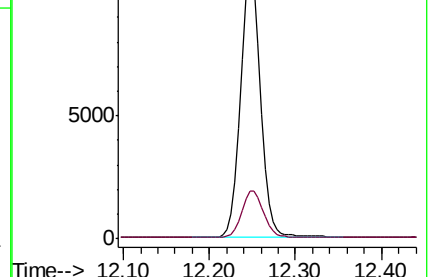
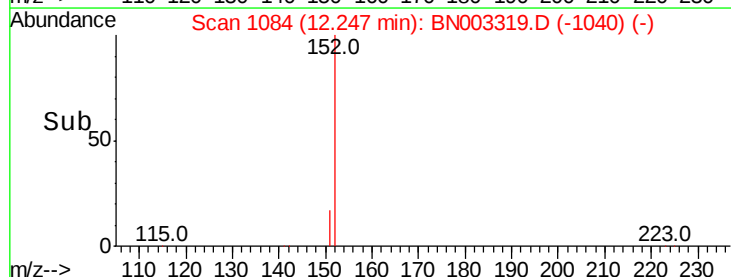
152 100

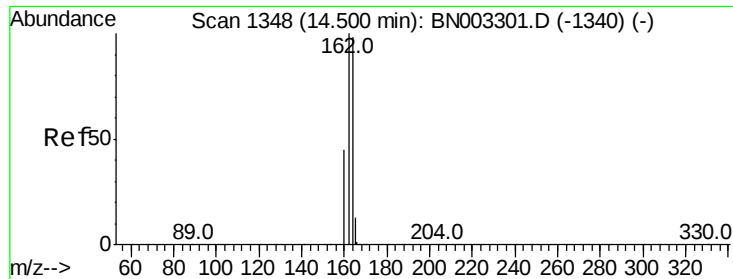
151 18.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BN003319.D (-1040) (-)

Ion 151.00 (150.70 to 151.70): BN003319.D (-1040) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BN003319.D

Acq: 26 Oct 2018 23:40

Instrument :

BNA_N

ClientSampleId :

PB114224BL

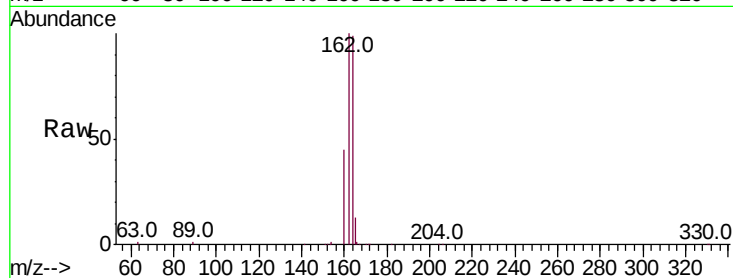
Tot Ion:164 Resp: 28757

Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.6

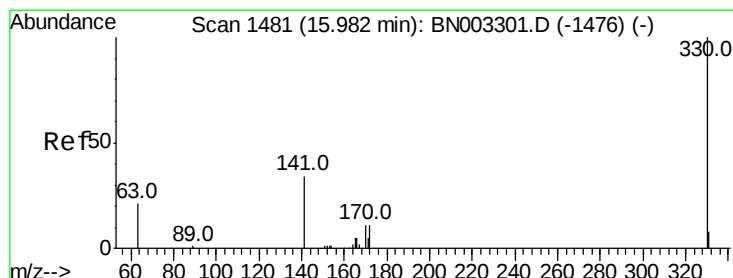
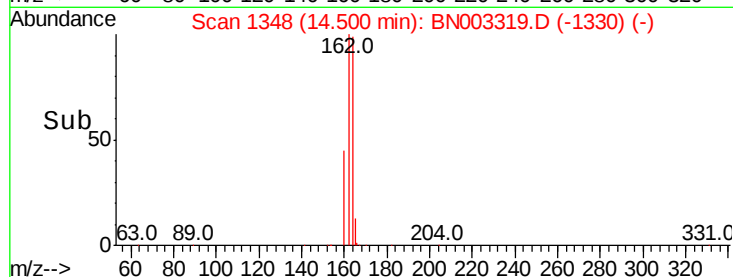
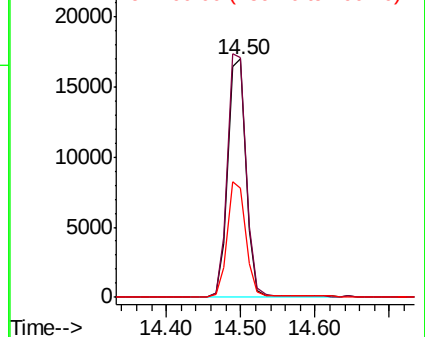
160 45.6 37.2 55.8



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: 0.156 ng

RT: 15.98 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN003319.D

Acq: 26 Oct 2018 23:40

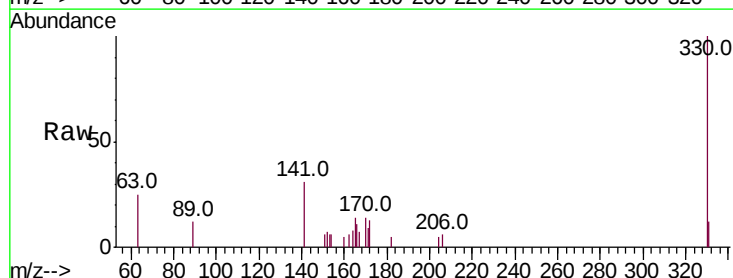
Tgt Ion:330 Resp: 1782

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

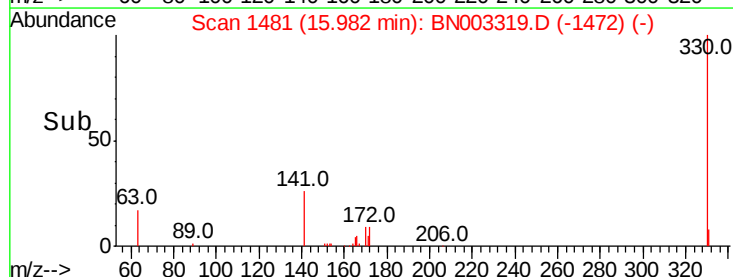
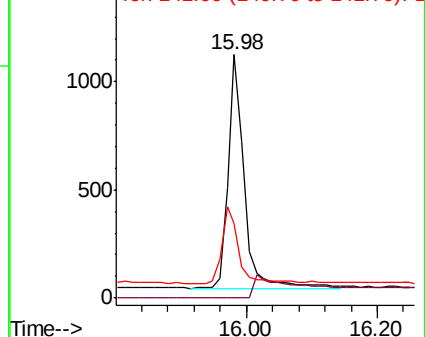
141 35.5 28.3 42.5

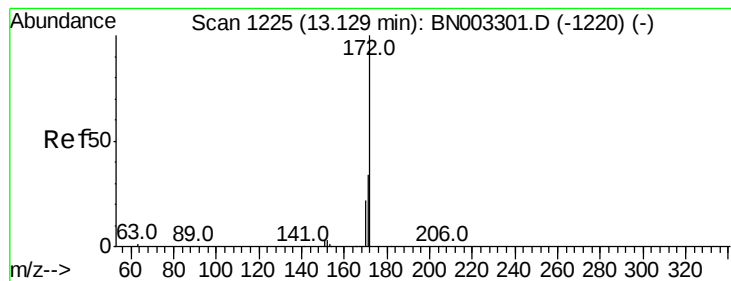


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.212 ng

RT: 13.12 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BN003319.D

Acq: 26 Oct 2018 23:40

Instrument :

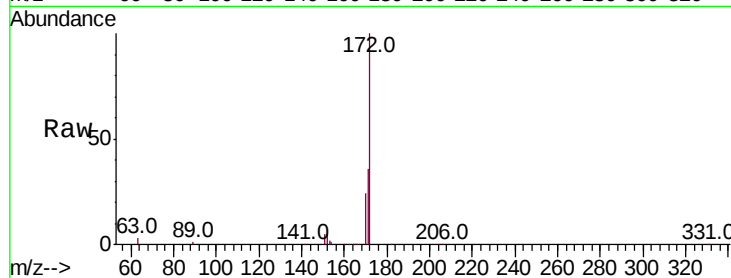
BNA_N

ClientSampleId :

PB114224BL

Tot Ion:172 Resp: 26289

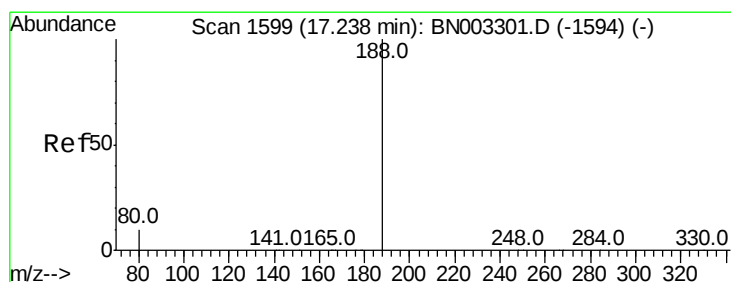
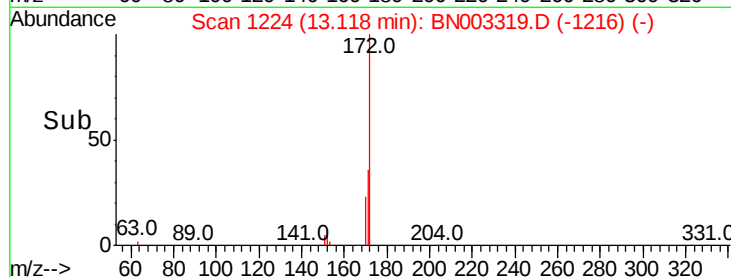
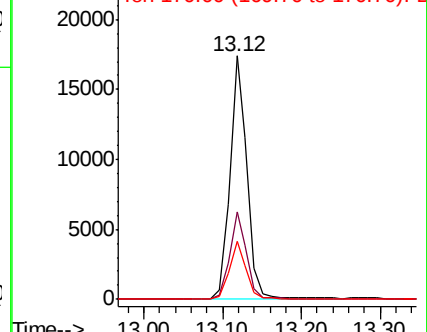
Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.1	40.7
170	23.7	17.4	26.0



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: 17.24 min Scan# 1599

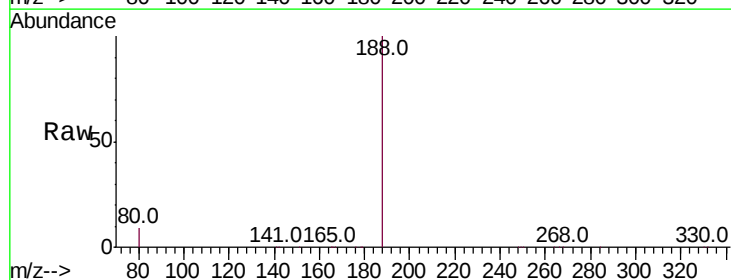
Delta R.T. -0.00 min

Lab File: BN003319.D

Acq: 26 Oct 2018 23:40

Tgt Ion:188 Resp: 74116

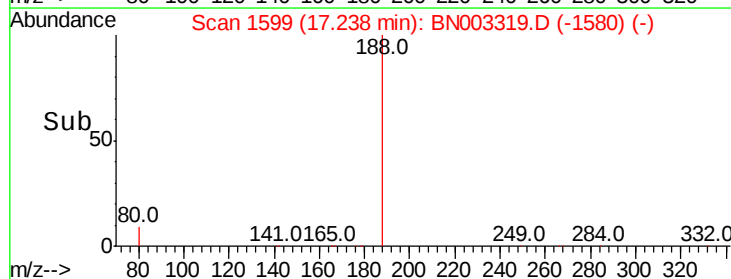
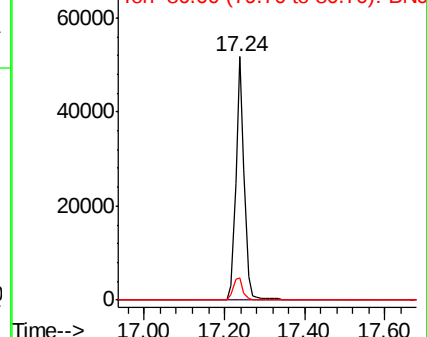
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	8.6	12.8

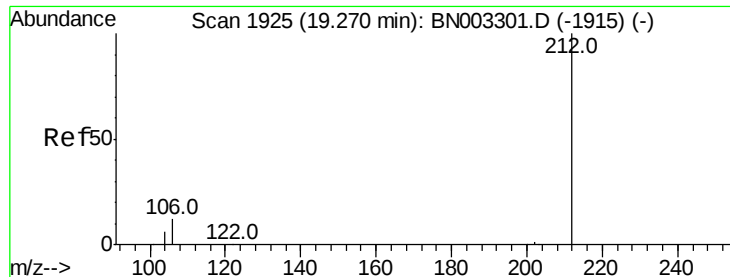


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.191 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BN003319.D

Acq: 26 Oct 2018 23:40

Instrument :

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ClientSampleId :

PB114224BL

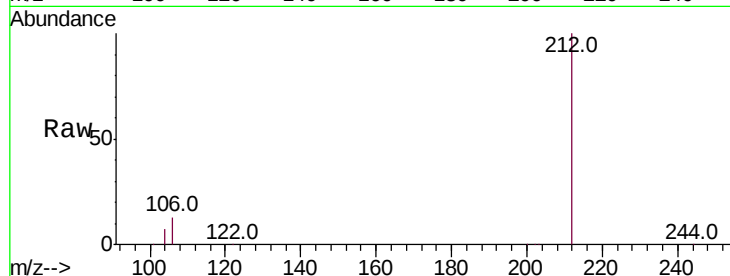
Tot Ion:212 Resp: 41242

Ion Ratio Lower Upper

212 100

106 12.7 10.3 15.5

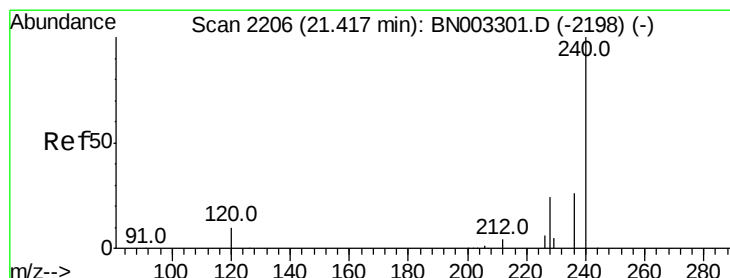
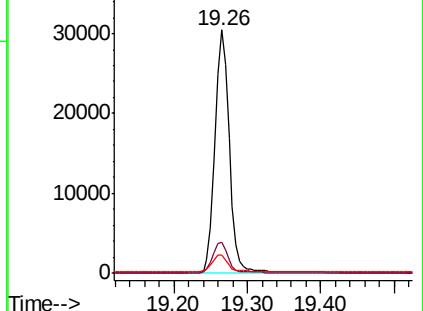
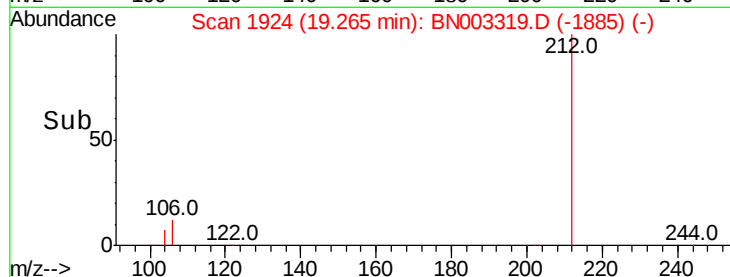
104 7.0 5.6 8.4



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: BN003319.D

Acq: 26 Oct 2018 23:40

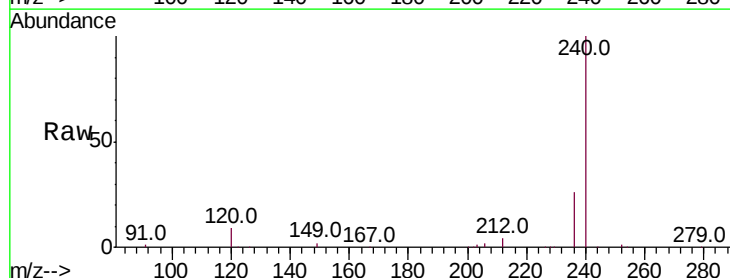
Tgt Ion:240 Resp: 75461

Ion Ratio Lower Upper

240 100

120 8.5 9.3 13.9#

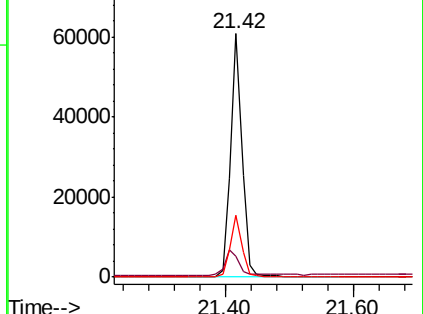
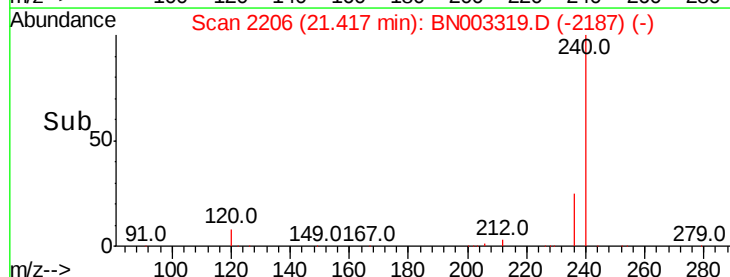
236 25.6 21.0 31.4

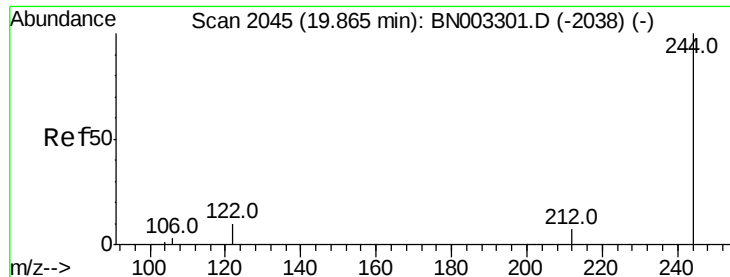


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.207 ng

RT: 19.86 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BN003319.D

Acq: 26 Oct 2018 23:40

Instrument :

BNA_N

ClientSampleId :

PB114224BL

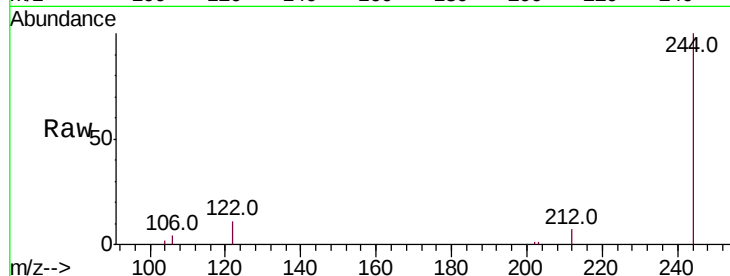
Tot Ion:244 Resp: 36301

Ion Ratio Lower Upper

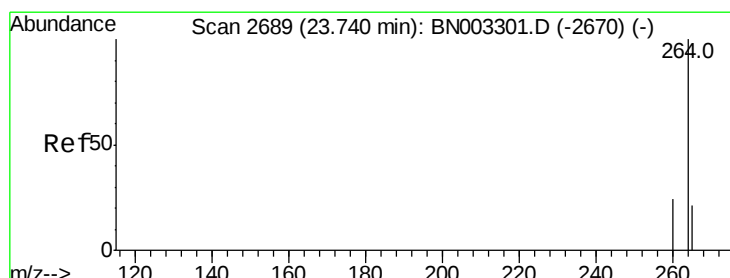
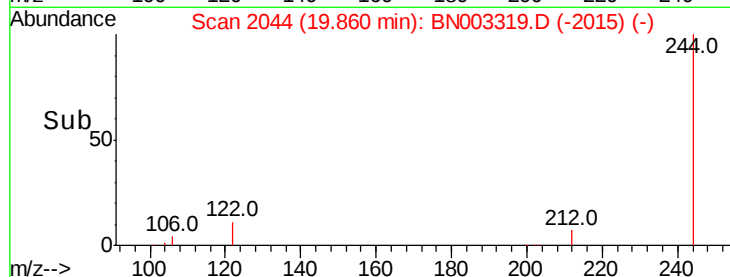
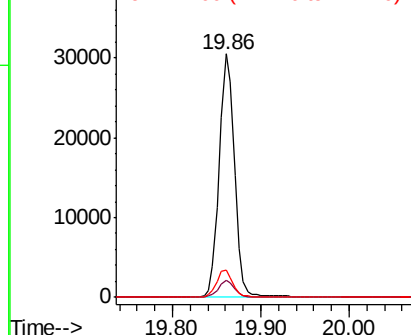
244 100

212 7.1 5.6 8.4

122 11.4 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2689

Delta R.T. -0.00 min

Lab File: BN003319.D

Acq: 26 Oct 2018 23:40

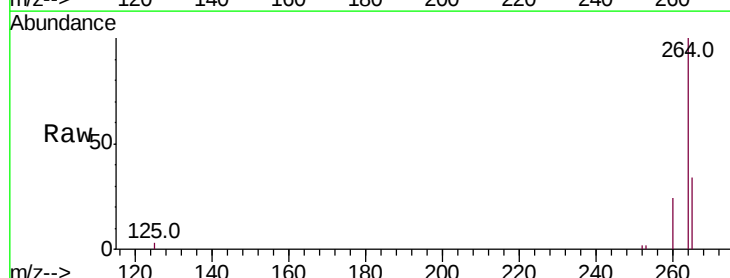
Tgt Ion:264 Resp: 66430

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 33.7 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

