

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
 Data File : BN003326.D
 Acq On : 27 Oct 2018 03:46
 Operator : MJ/SJ
 Sample : J5521-07 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 AOC8-02B

Quant Time: Oct 27 06:58:10 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	7.86	152	15428	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	68610	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	39973	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	101650	0.40	ng	0.00
27) Chrysene-d12	21.42	240	118194	0.40	ng	0.00
34) Perylene-d12	23.74	264	119405	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	2708	0.07	ng	0.00
5) Phenol-d6	7.01	99	3456	0.07	ng	0.00
8) Nitrobenzene-d5	9.02	82	2609	0.09	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	6384	0.06	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	956	0.06	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	9044	0.05	ng	-0.01
25) Fluoranthene-d10	19.26	212	13503	0.05	ng	0.00
29) Terphenyl-d14	19.86	244	12422	0.05	ng	0.00

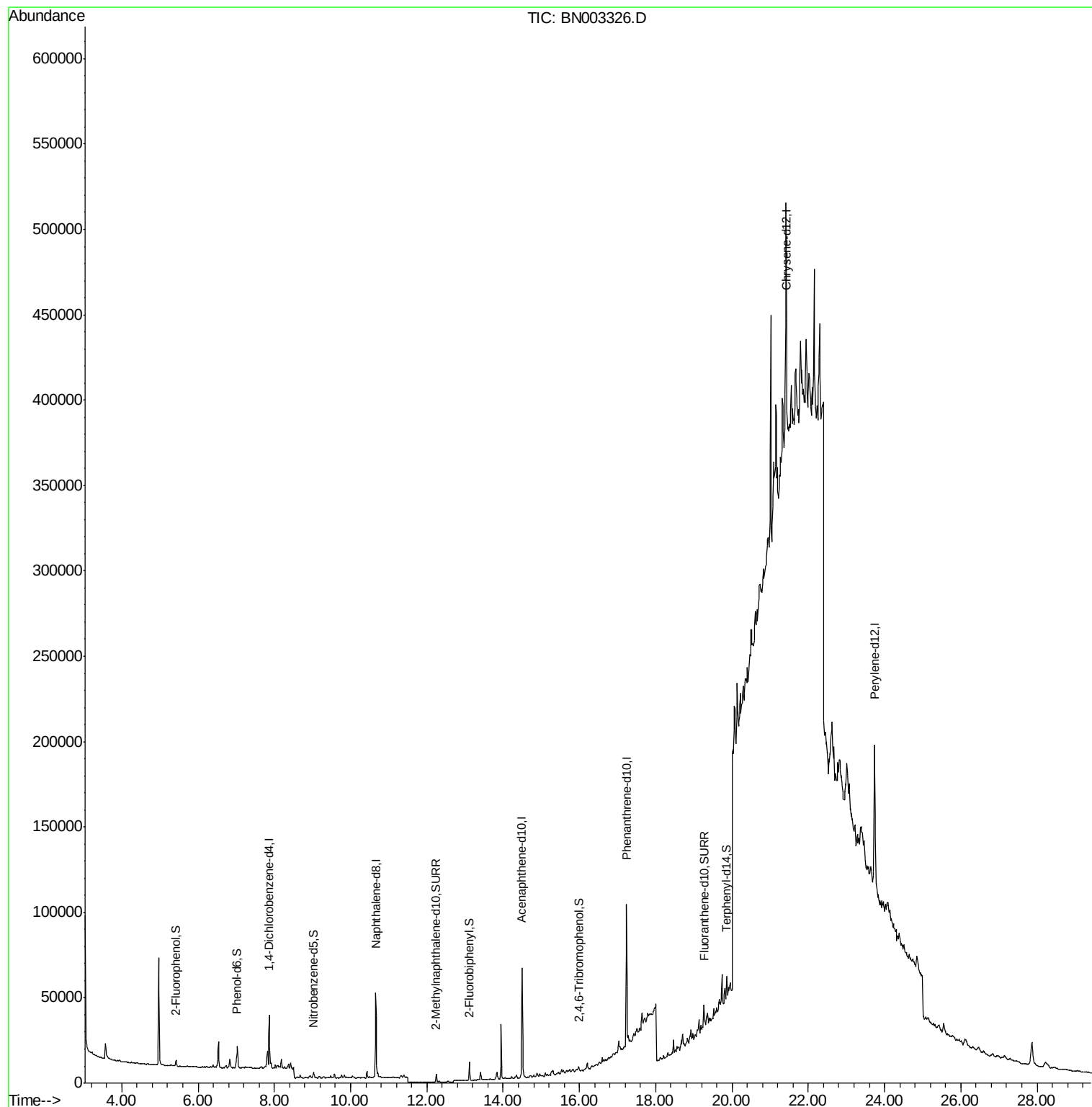
Target Compounds	Qvalue
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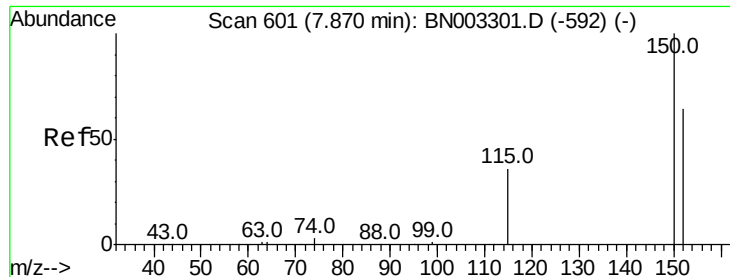
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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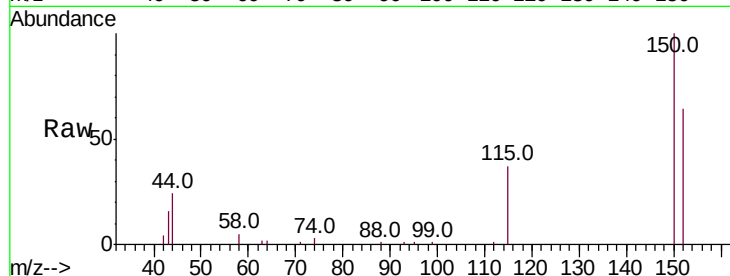


#1

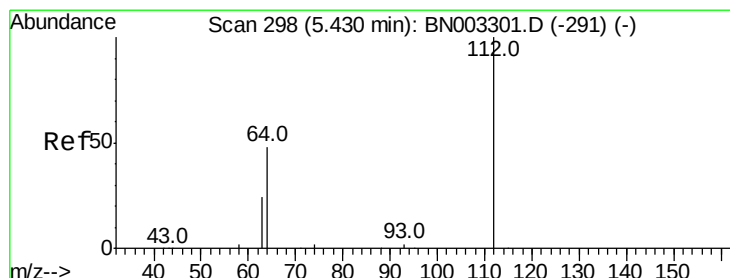
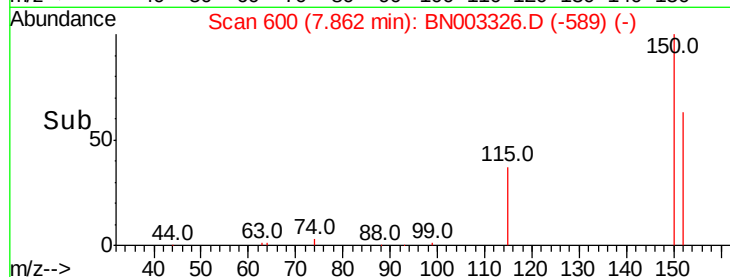
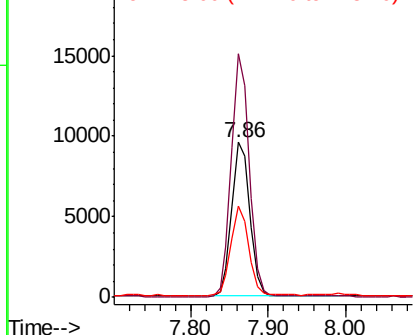
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 600
Delta R.T. -0.01 min
Lab File: BN003326.D
Acq: 27 Oct 2018 03:46

Instrument :
BNA_N
ClientSampleId :
AOC8-02B

Tot Ion:152 Resp: 15428
Ion Ratio Lower Upper
152 100
150 157.2 124.6 187.0
115 58.7 46.4 69.6



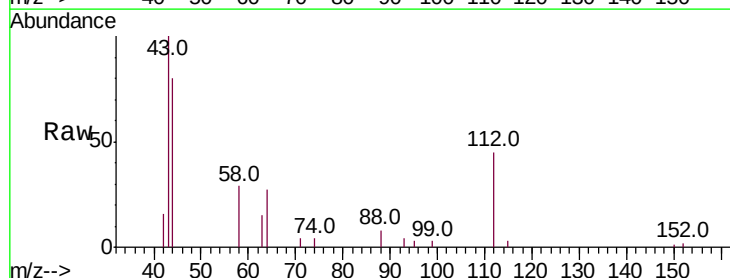
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



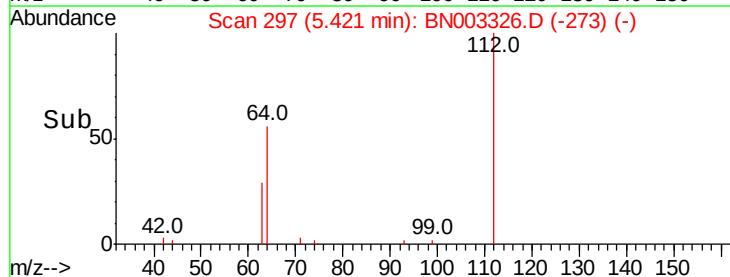
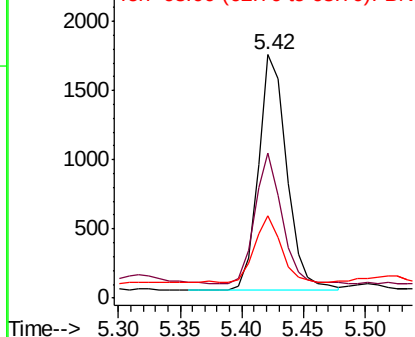
#4

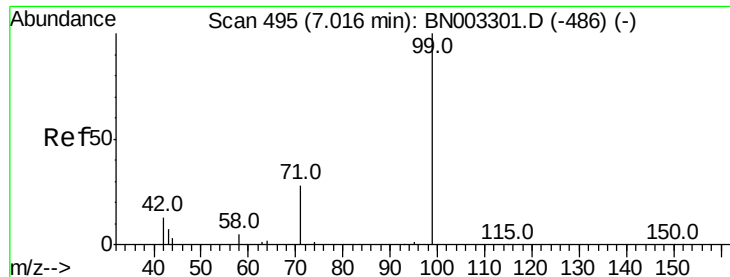
2-Fluorophenol
Concen: 0.071 ng
RT: 5.42 min Scan# 297
Delta R.T. -0.01 min
Lab File: BN003326.D
Acq: 27 Oct 2018 03:46

Tgt Ion:112 Resp: 2708
Ion Ratio Lower Upper
112 100
64 53.3 44.3 66.5
63 26.7 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: 0.072 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003326.D

Acq: 27 Oct 2018 03:46

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

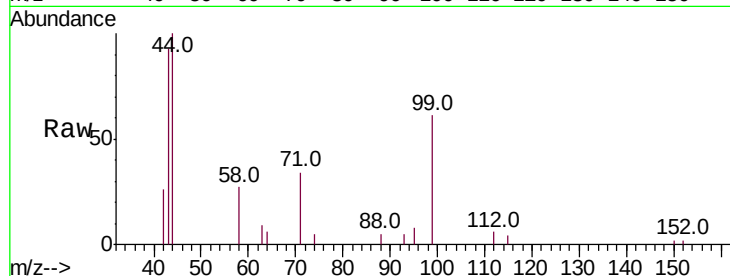
Tot Ion: 99 Resp: 3456

Ion Ratio Lower Upper

99 100

42 0.0 14.8 22.2#

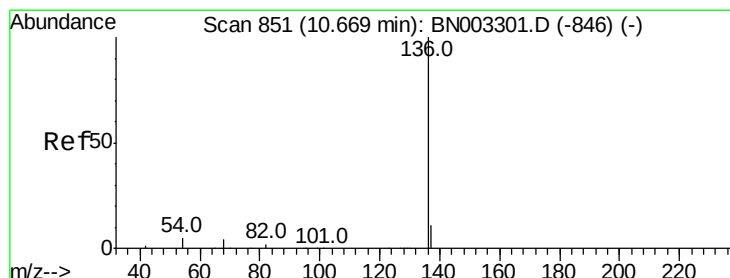
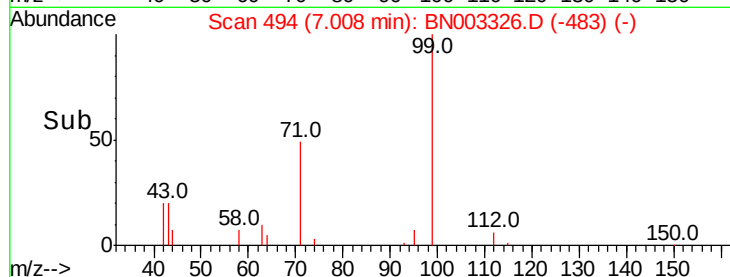
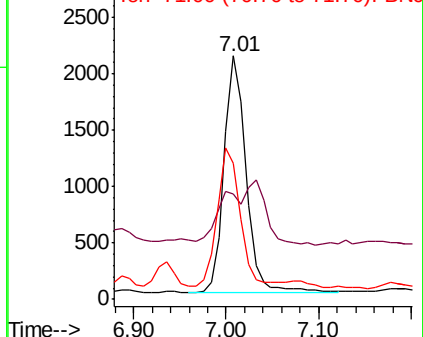
71 62.3 24.8 37.2#



Abundance Ion 99.00 (98.70 to 99.70): BN003326.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN003326.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN003326.D (-483) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003326.D

Acq: 27 Oct 2018 03:46

Tgt Ion:136 Resp: 68610

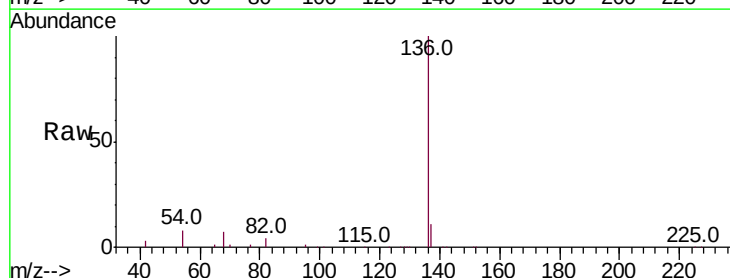
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.1 4.1 6.1#

68 6.7 3.5 5.3#

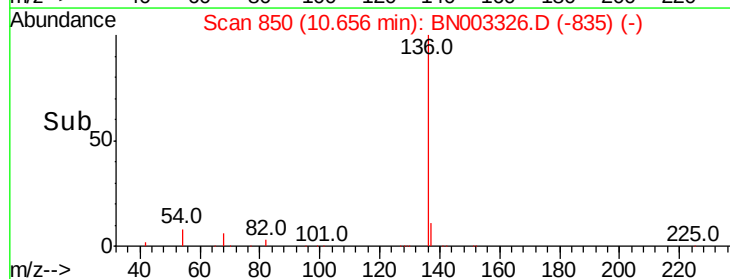
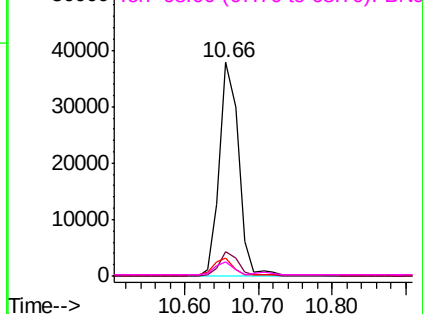


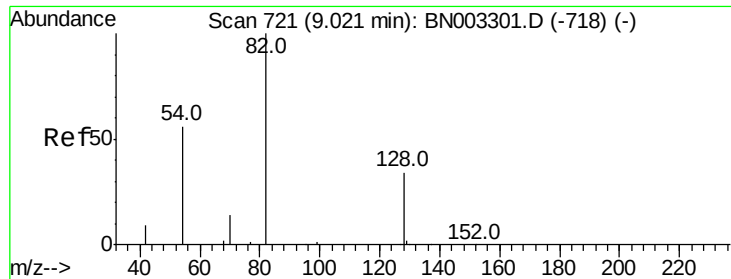
Abundance Ion 136.00 (135.70 to 136.70): BN003326.D (-835) (-)

Ion 137.00 (136.70 to 137.70): BN003326.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN003326.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN003326.D (-835) (-)





#8

Nitrobenzene-d5

Concen: 0.087 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003326.D

Acq: 27 Oct 2018 03:46

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

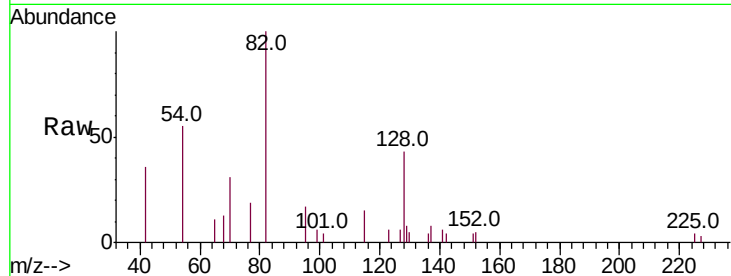
Tot Ion: 82 Resp: 2609

Ion Ratio Lower Upper

82 100

128 42.7 28.9 43.3

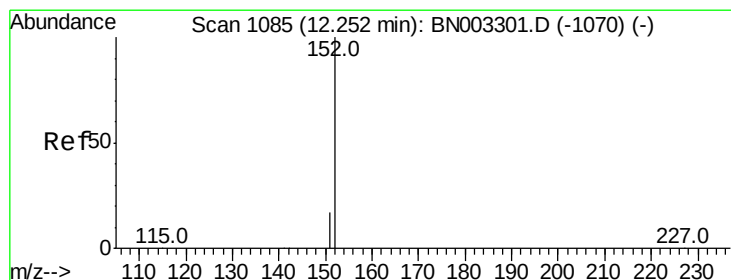
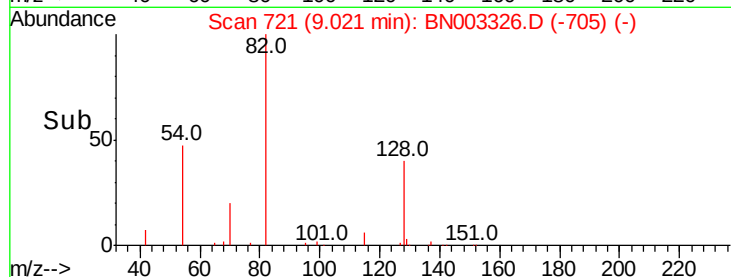
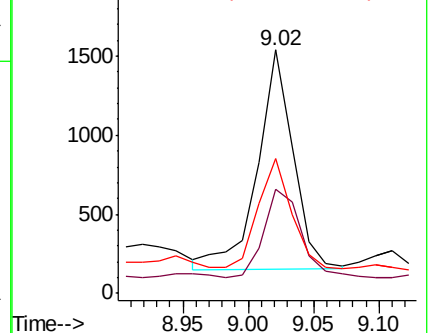
54 55.3 46.1 69.1



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: 0.057 ng

RT: 12.25 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BN003326.D

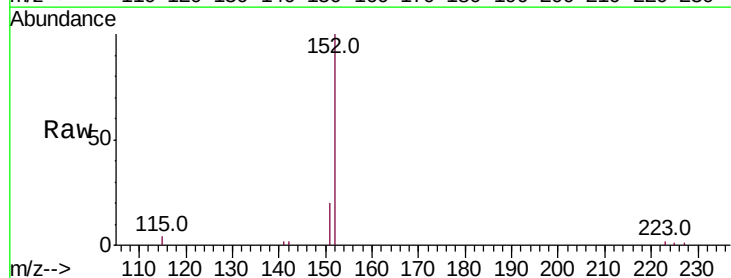
Acq: 27 Oct 2018 03:46

Tgt Ion: 152 Resp: 6384

Ion Ratio Lower Upper

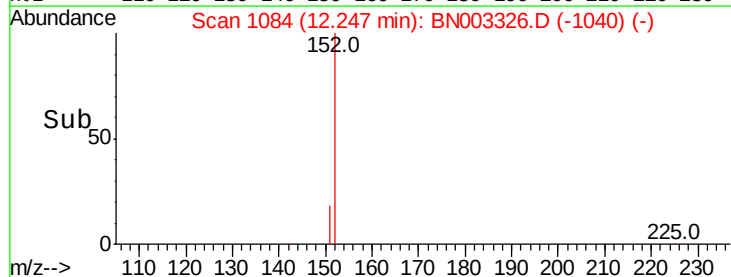
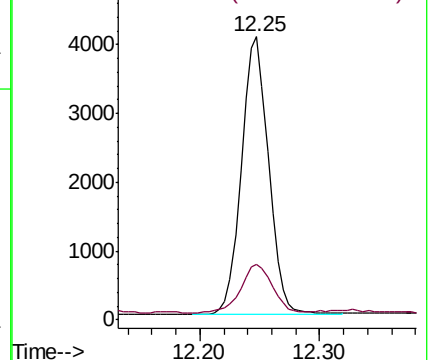
152 100

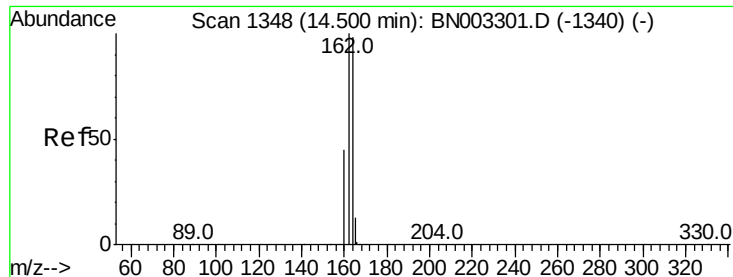
151 21.2 15.1 22.7



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: BN003326.D

Acq: 27 Oct 2018 03:46

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

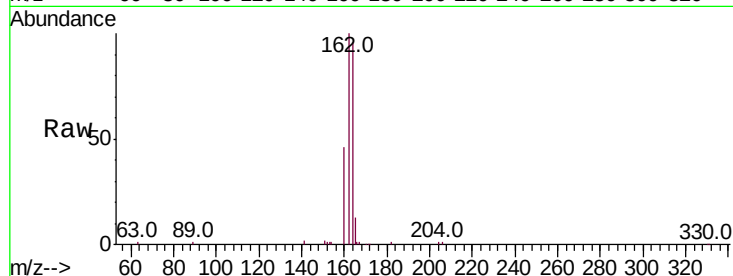
Tot Ion:164 Resp: 39973

Ion Ratio Lower Upper

164 100

162 104.3 81.8 122.6

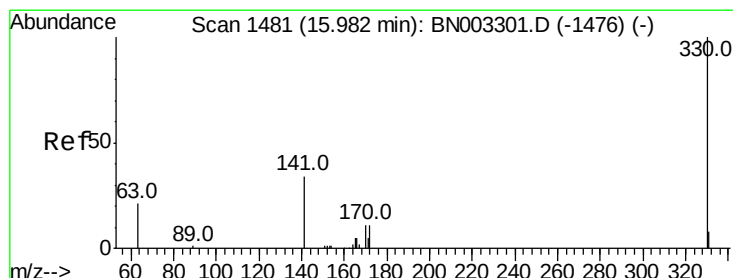
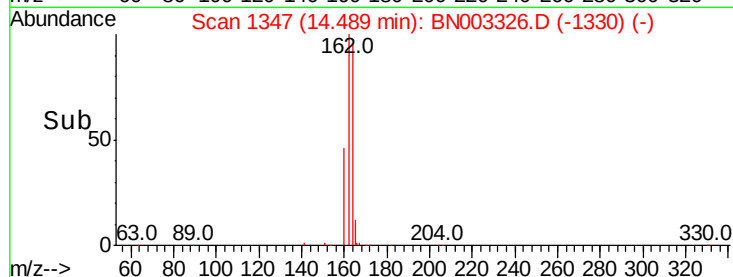
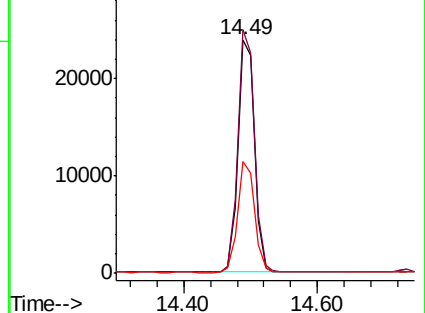
160 48.0 37.2 55.8



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: 0.060 ng

RT: 15.98 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN003326.D

Acq: 27 Oct 2018 03:46

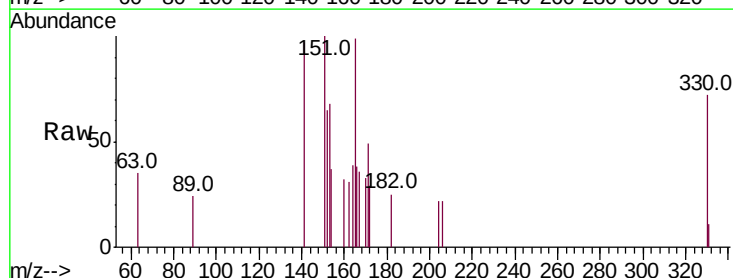
Tgt Ion:330 Resp: 956

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

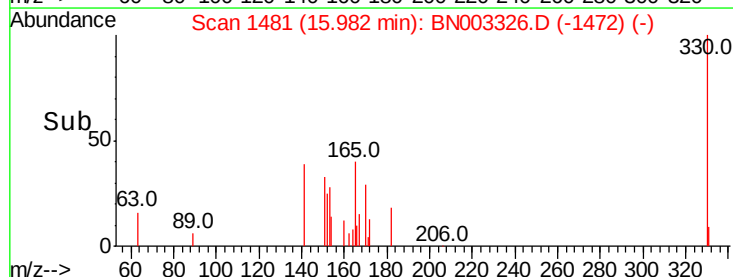
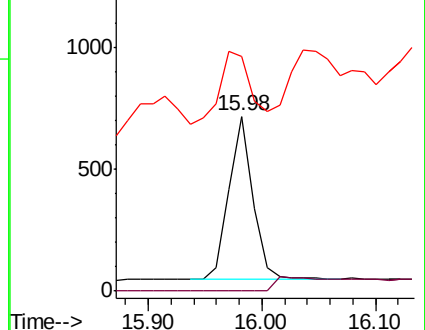
141 58.8 28.3 42.5#

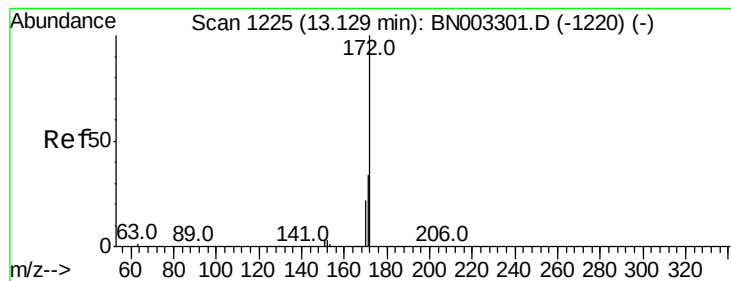


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.053 ng

RT: 13.12 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BN003326.D

Acq: 27 Oct 2018 03:46

Instrument :

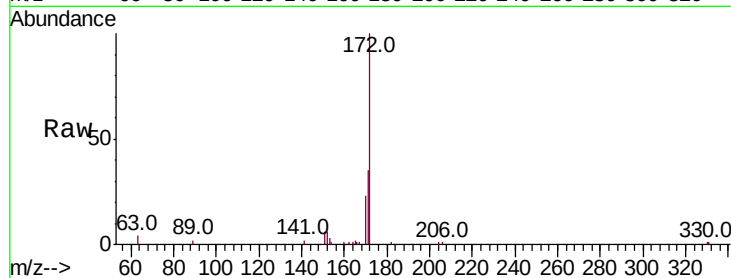
BNA_N

ClientSampleId :

AOC8-02B

Tot Ion:172 Resp: 9044

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.1	40.7
170	23.2	17.4	26.0

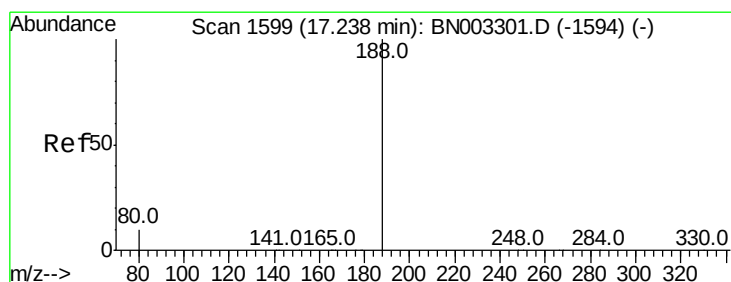
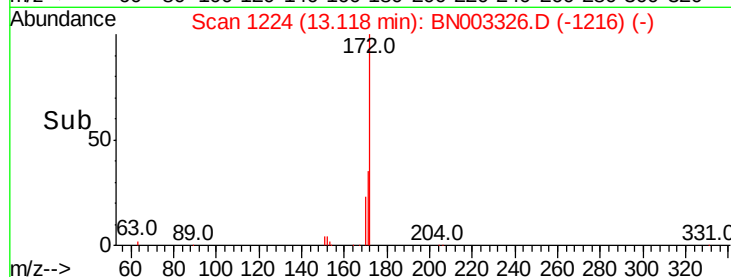
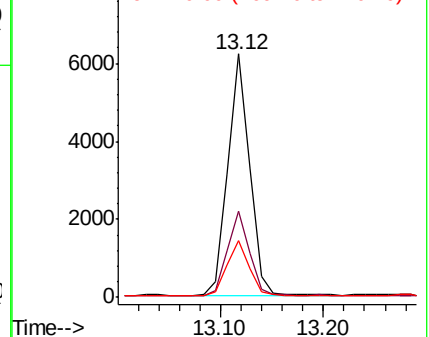


Abundance

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

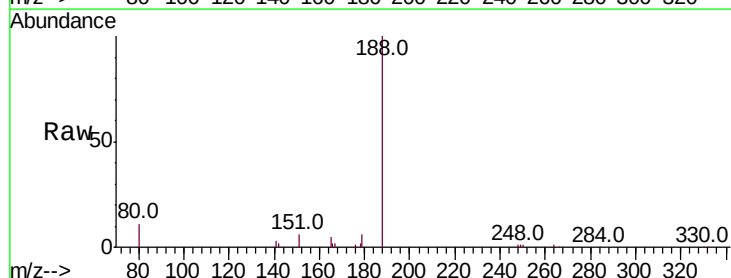
Delta R.T. -0.00 min

Lab File: BN003326.D

Acq: 27 Oct 2018 03:46

Tgt Ion:188 Resp: 101650

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	8.6	12.8

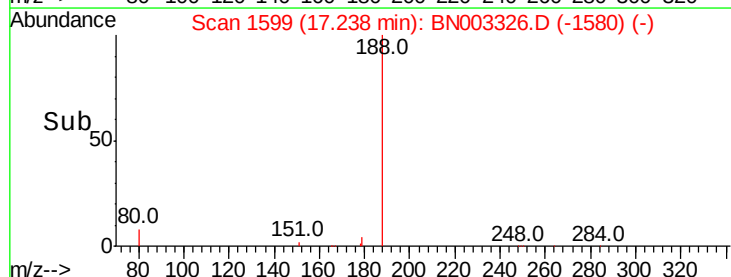
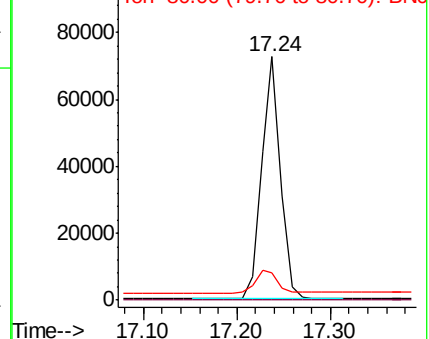


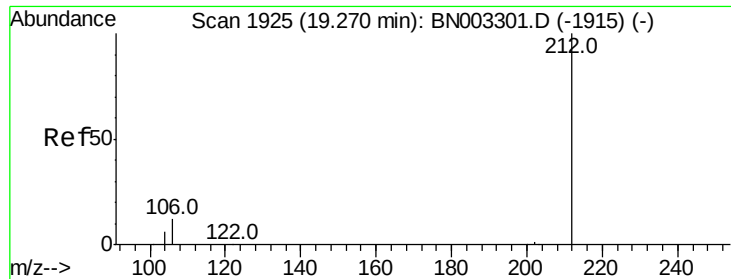
Abundance

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: 0.046 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BN003326.D

Acq: 27 Oct 2018 03:46

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

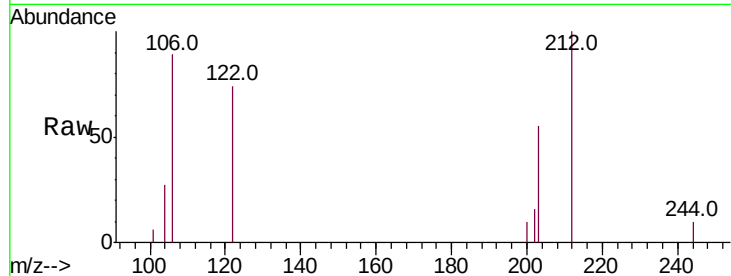
Tot Ion:212 Resp: 13503

Ion Ratio Lower Upper

212 100

106 32.5 10.3 15.5#

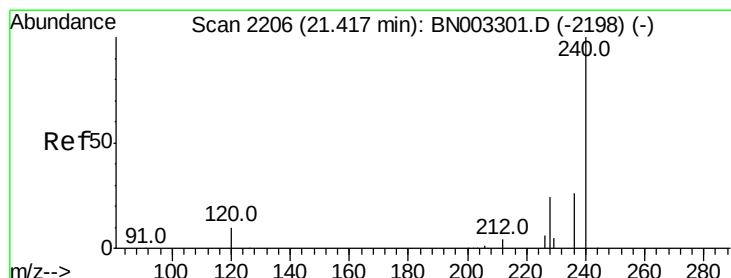
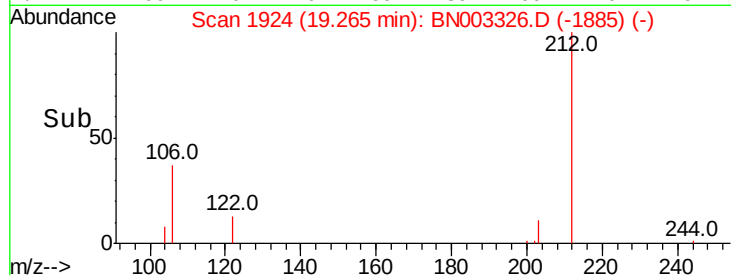
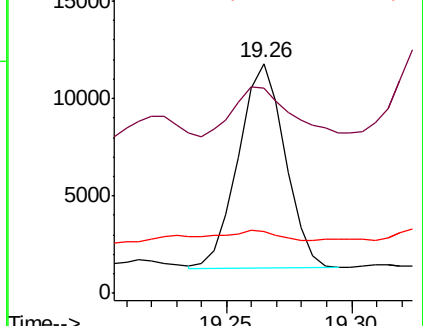
104 21.0 5.6 8.4#



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: BN003326.D

Acq: 27 Oct 2018 03:46

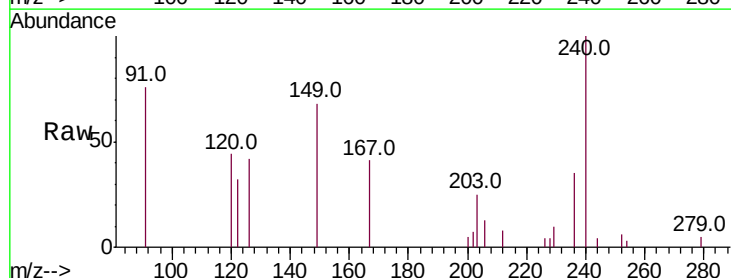
Tgt Ion:240 Resp: 118194

Ion Ratio Lower Upper

240 100

120 44.1 9.3 13.9#

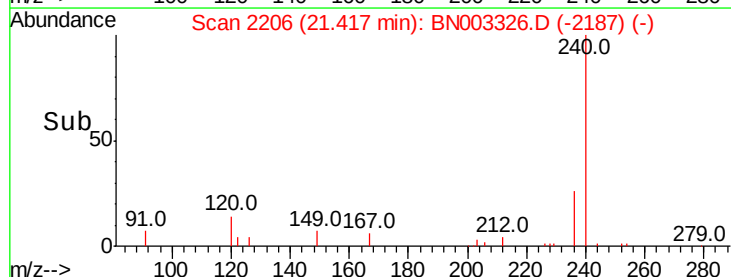
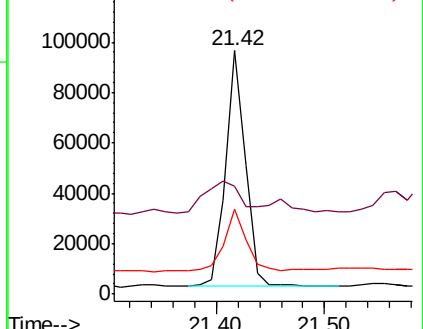
236 34.7 21.0 31.4#

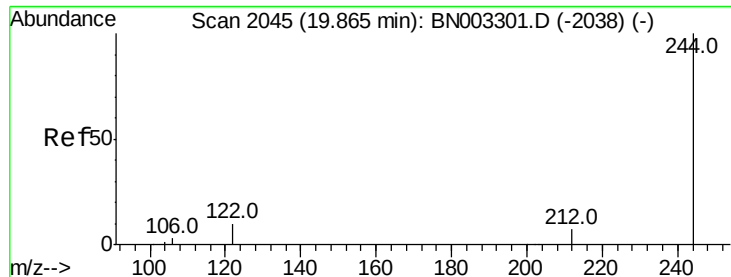


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.045 ng

RT: 19.86 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BN003326.D

Acq: 27 Oct 2018 03:46

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

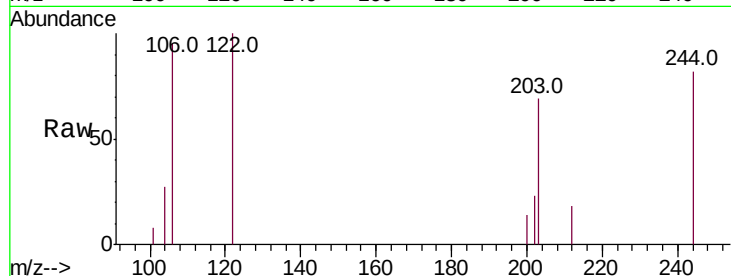
Tot Ion:244 Resp: 12422

Ion Ratio Lower Upper

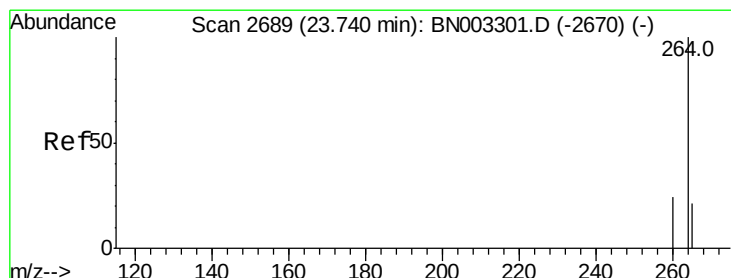
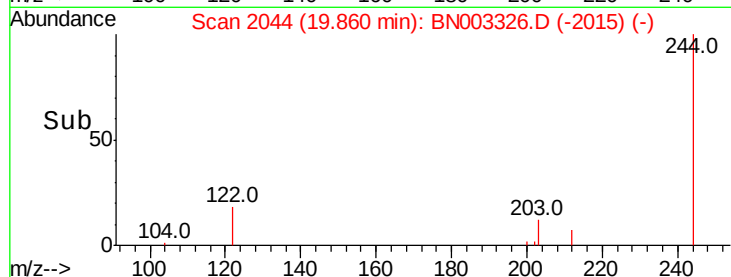
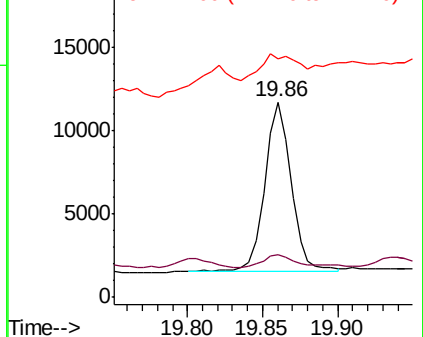
244 100

212 22.0 5.6 8.4#

122 122.6 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2690

Delta R.T. 0.00 min

Lab File: BN003326.D

Acq: 27 Oct 2018 03:46

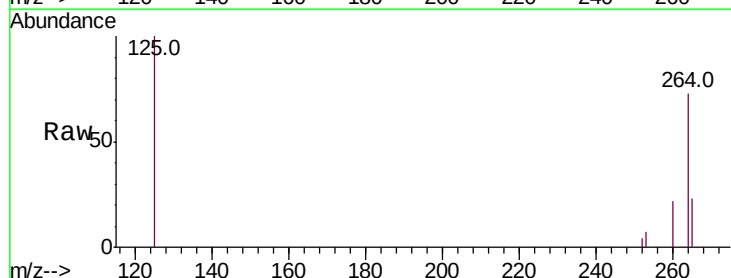
Tgt Ion:264 Resp: 119405

Ion Ratio Lower Upper

264 100

260 29.7 19.1 28.7#

265 31.9 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

