

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102918\
 Data File : BN003334.D
 Acq On : 29 Oct 2018 13:37
 Operator : MJ/SJ
 Sample : J5521-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 AOC8-02B

Quant Time: Oct 30 13:08:57 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

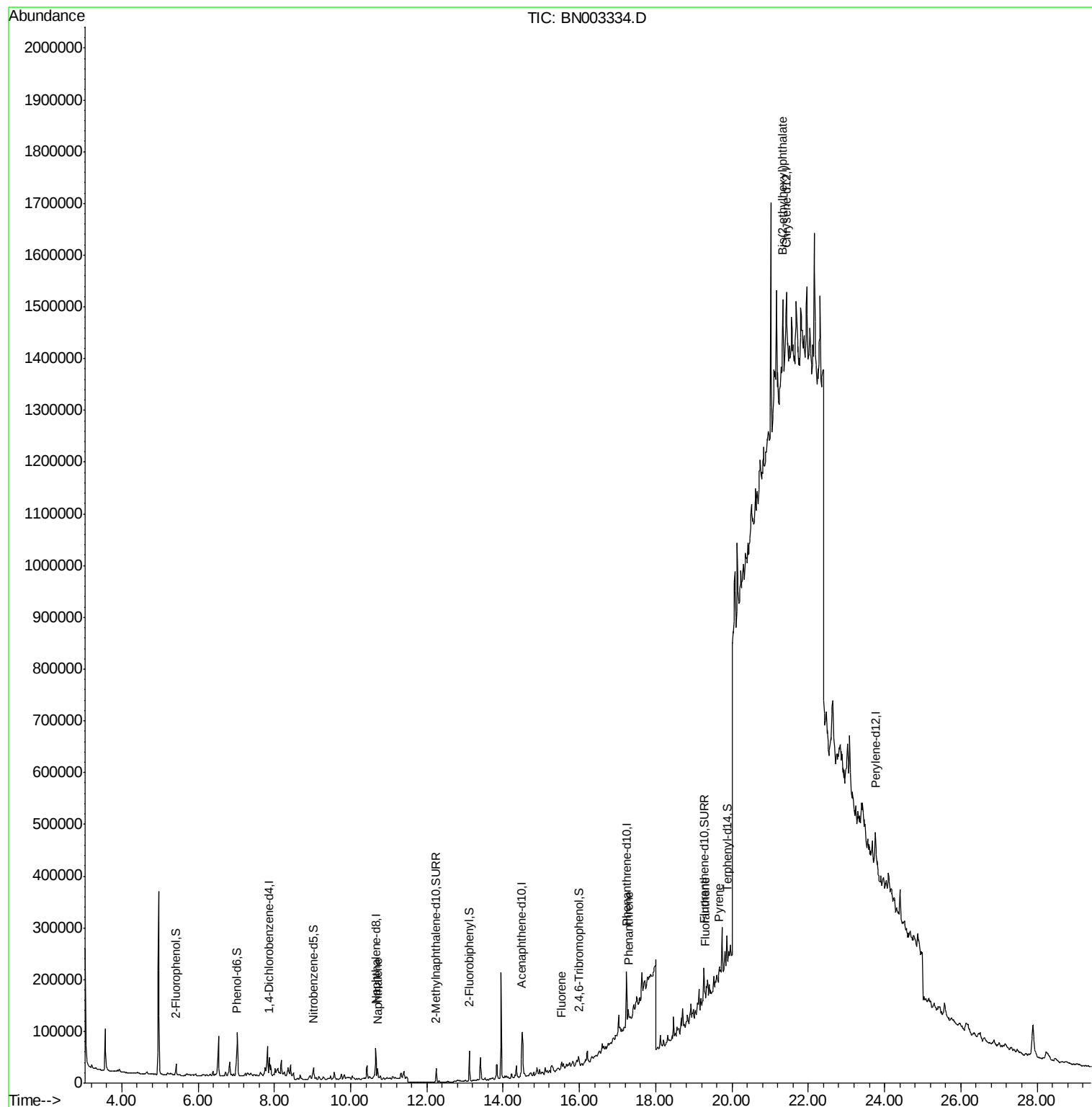
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	16895	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	77179	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	47541	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	108897	0.40	ng	0.00
27) Chrysene-d12	21.43	240	107146	0.40	ng	0.01
34) Perylene-d12	23.76	264	96526	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	16900	0.40	ng	0.00
5) Phenol-d6	7.01	99	21377	0.40	ng	0.00
8) Nitrobenzene-d5	9.02	82	16866	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	36893	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	7533	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	49728	0.24	ng	-0.01
25) Fluoranthene-d10	19.26	212	68625	0.22	ng	0.00
29) Terphenyl-d14	19.87	244	52781	0.21	ng	0.00
Target Compounds						
9) Naphthalene	10.71	128	4835	0.026	ng	# 78
18) Fluorene	15.54	166	12140	0.066	ng	# 64
23) Phenanthrene	17.28	178	24951	0.084	ng	# 80
26) Fluoranthene	19.29	202	20026	0.058	ng	# 65
28) Pyrene	19.66	202	29146	0.098	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.33	149	145919	1.756	ng	# 62

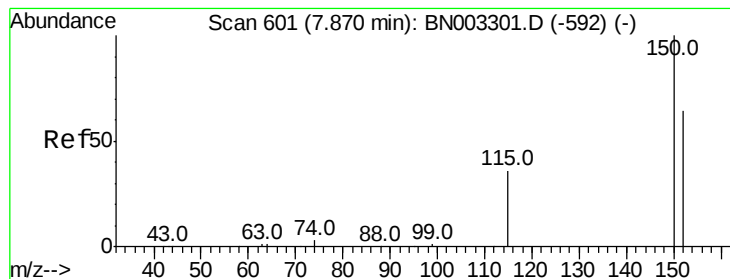
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN003334.D

Acq: 29 Oct 2018 13:37

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

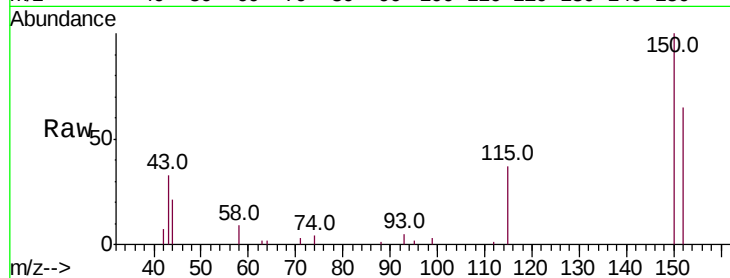
Tot Ion:152 Resp: 16895

Ion Ratio Lower Upper

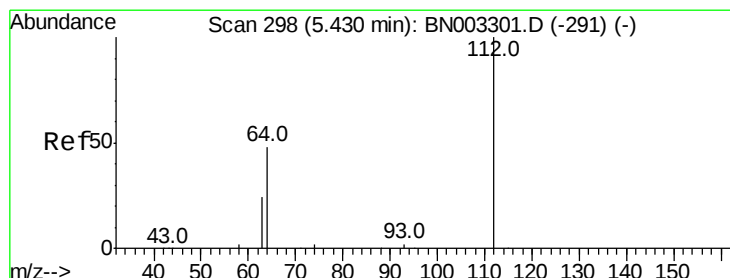
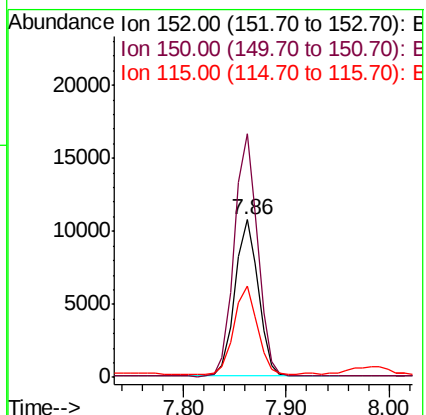
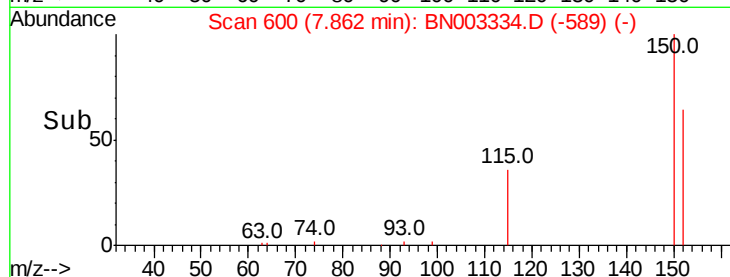
152 100

150 154.7 124.6 187.0

115 57.9 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: 0.404 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

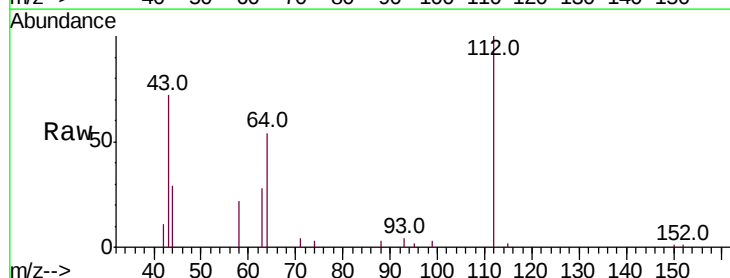
Tgt Ion:112 Resp: 16900

Ion Ratio Lower Upper

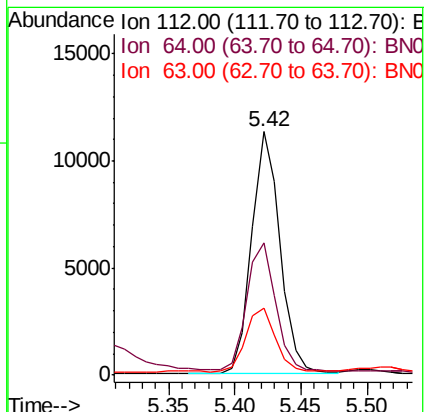
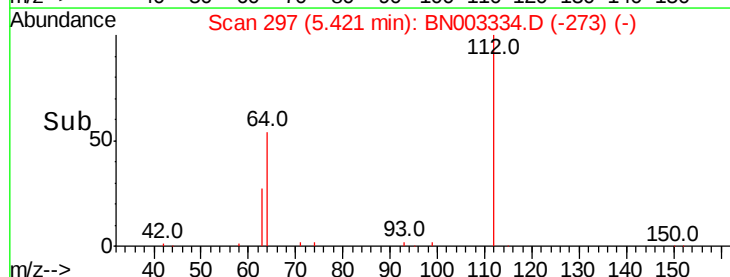
112 100

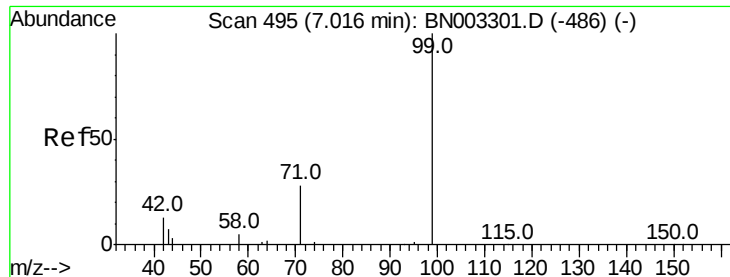
64 54.4 44.3 66.5

63 27.0 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: 0.405 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

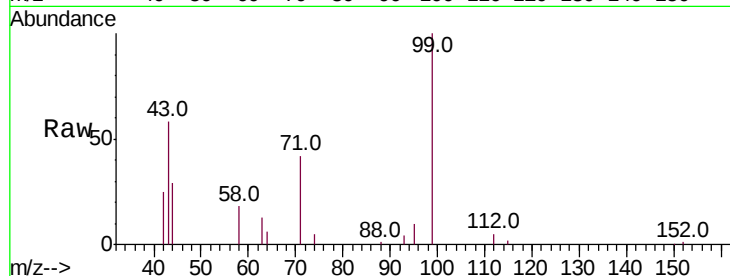
Tot Ion: 99 Resp: 21377

Ion Ratio Lower Upper

99 100

42 0.0 14.8 22.2#

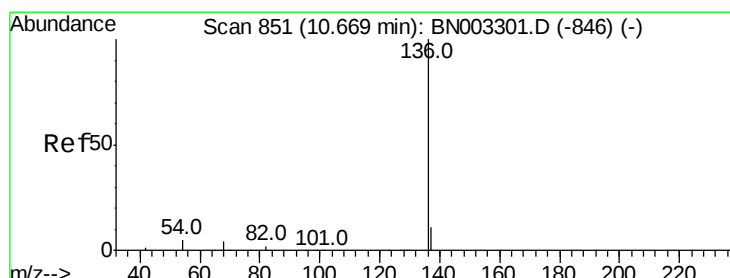
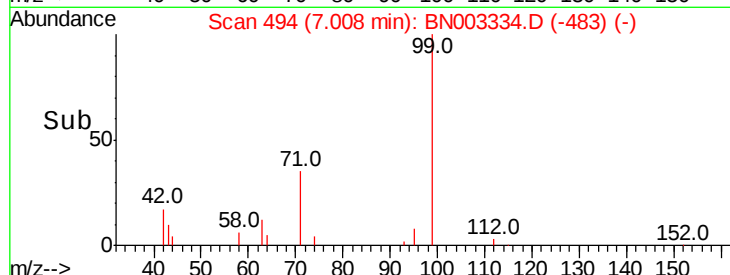
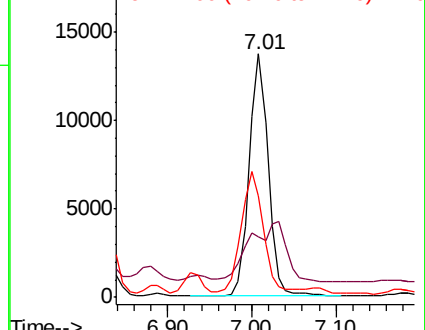
71 56.6 24.8 37.2#



Abundance Ion 99.00 (98.70 to 99.70): BN003334.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN003334.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN003334.D (-486) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

Tgt Ion:136 Resp: 77179

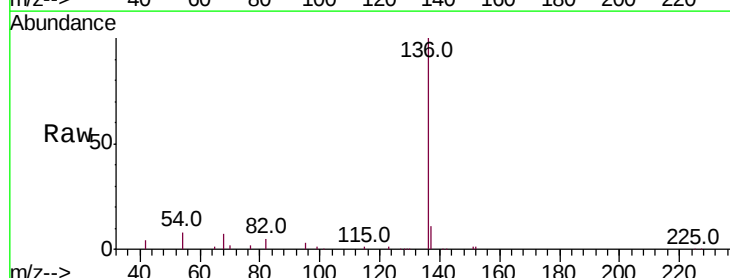
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.6 4.1 6.1#

68 6.8 3.5 5.3#

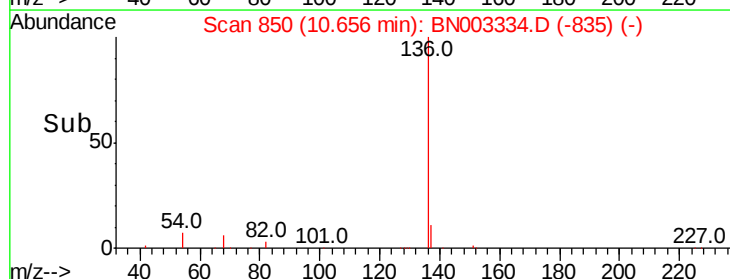
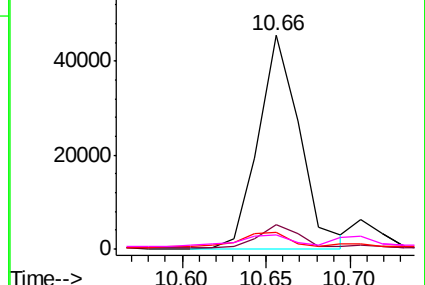


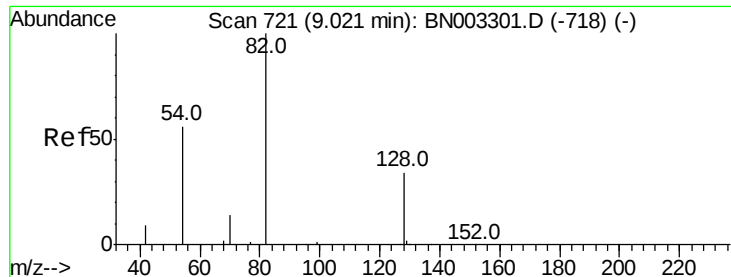
Abundance Ion 136.00 (135.70 to 136.70): BN003334.D (-835) (-)

Ion 137.00 (136.70 to 137.70): BN003334.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN003334.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN003334.D (-835) (-)





#8

Nitrobenzene-d5

Concen: 0.499 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

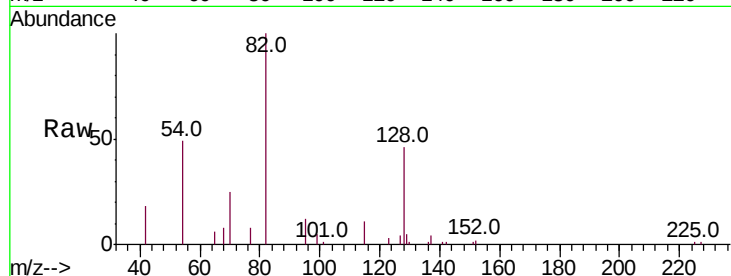
Tot Ion: 82 Resp: 16866

Ion Ratio Lower Upper

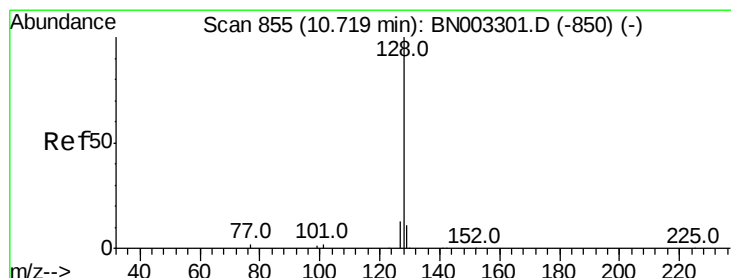
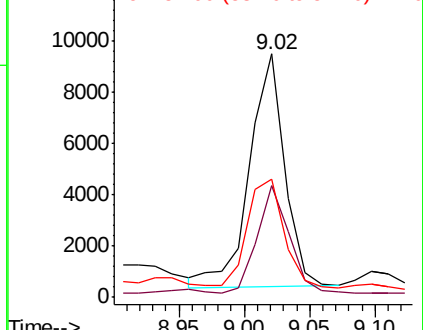
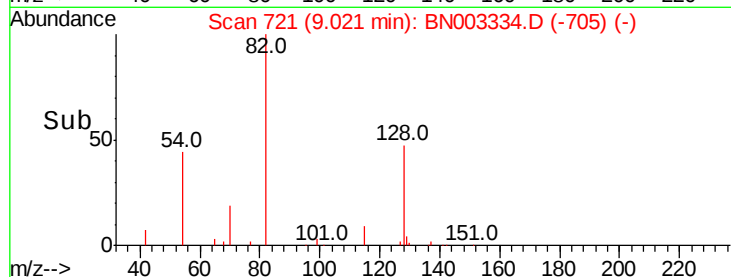
82 100

128 45.8 28.9 43.3#

54 48.6 46.1 69.1



Abundance Ion 82.00 (81.70 to 82.70): BN003334.D (-705) (-)



#9

Naphthalene

Concen: 0.026 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

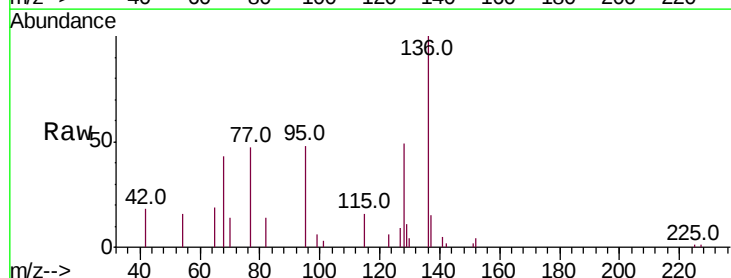
Tgt Ion: 128 Resp: 4835

Ion Ratio Lower Upper

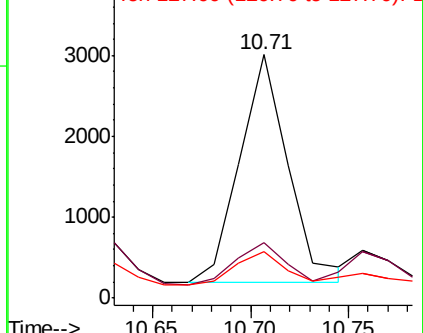
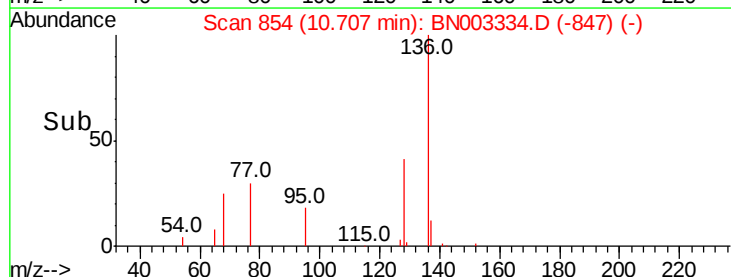
128 100

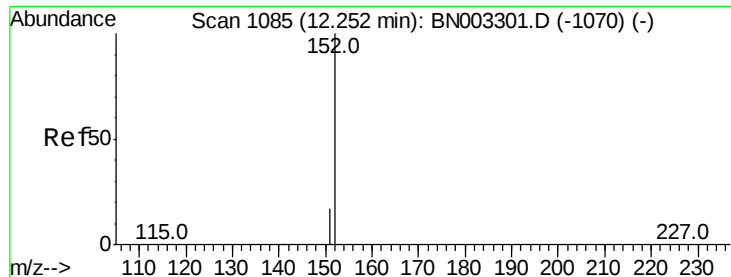
129 22.6 9.1 13.7#

127 19.2 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): BN003334.D (-847) (-)

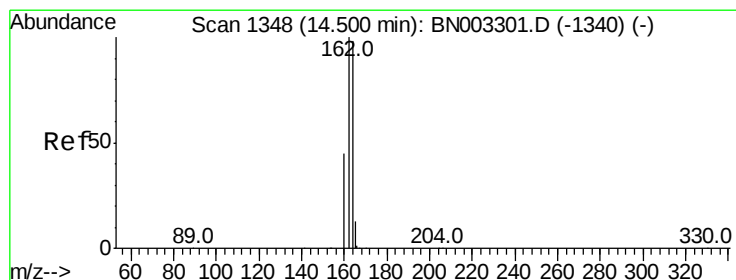
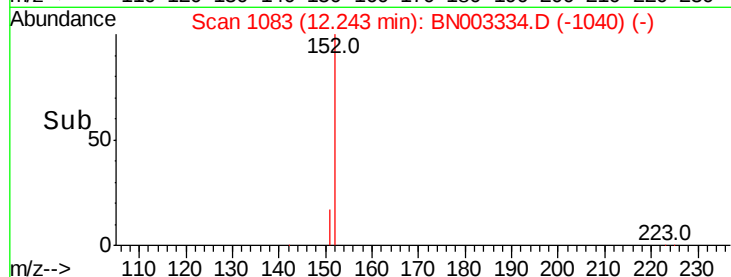
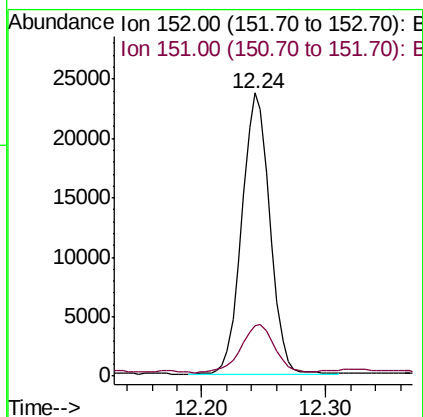
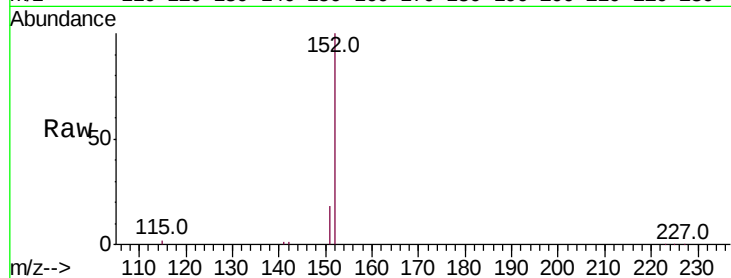




#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 12.24 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BN003334.D
Acq: 29 Oct 2018 13:37

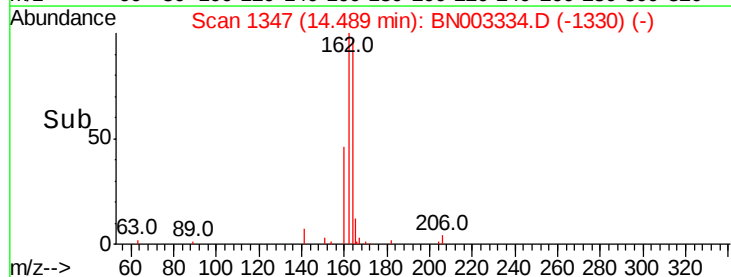
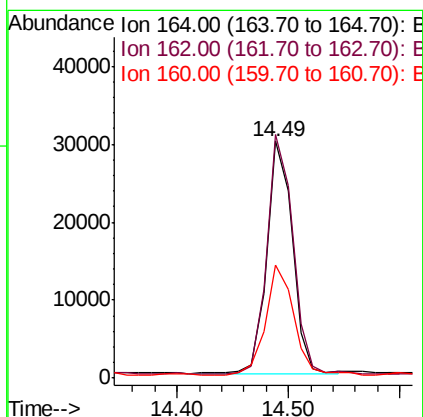
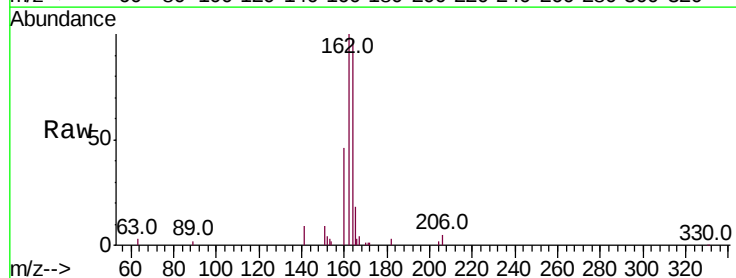
Instrument :
BNA_N
ClientSampleId :
AOC8-02B

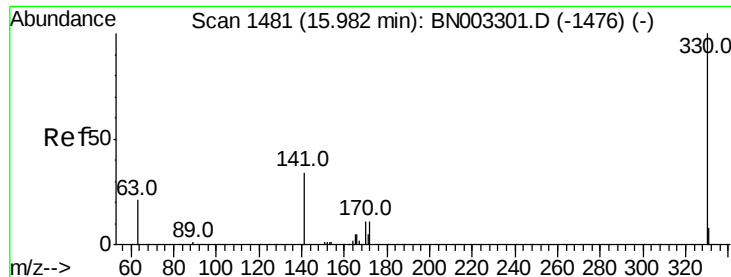
Tot Ion:152 Resp: 36893
Ion Ratio Lower Upper
152 100
151 20.3 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003334.D
Acq: 29 Oct 2018 13:37

Tgt Ion:164 Resp: 47541
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 47.5 37.2 55.8

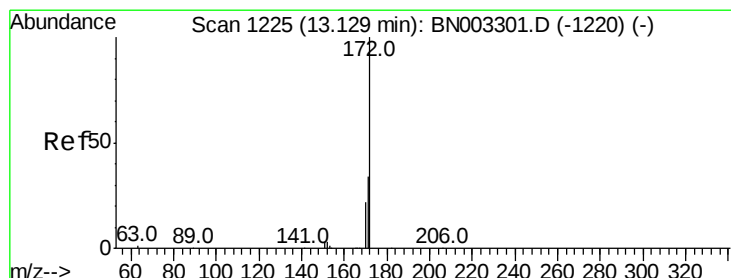
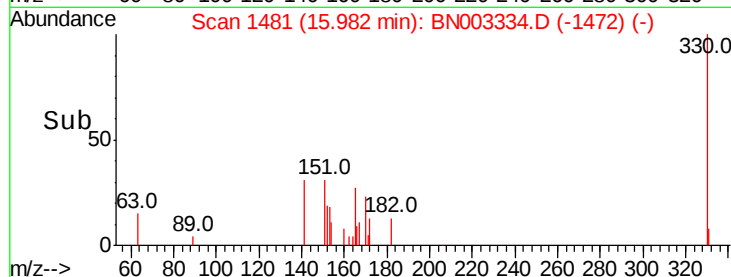
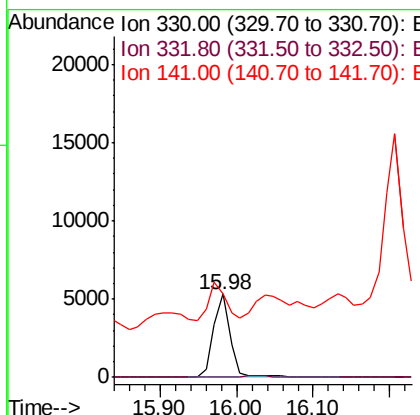
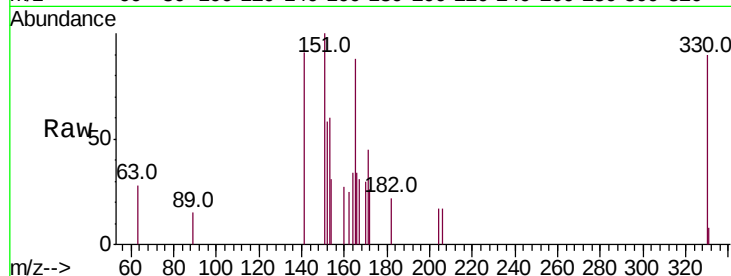




#14
 2,4,6-Tribromophenol
 Concen: 0.398 ng
 RT: 15.98 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BN003334.D
 Acq: 29 Oct 2018 13:37

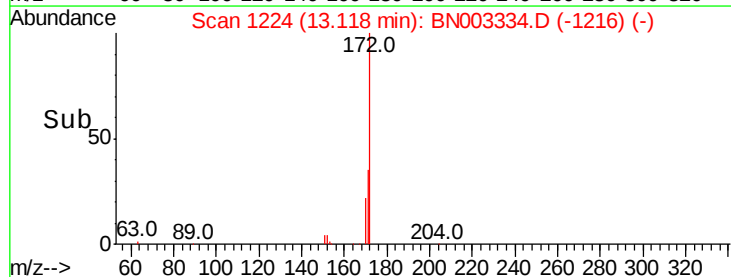
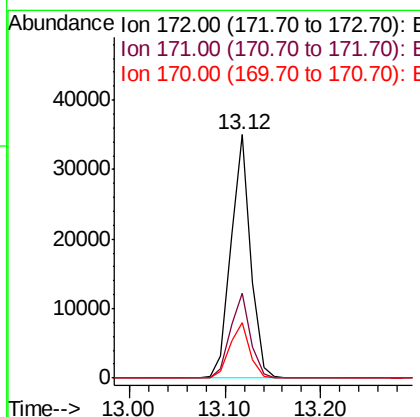
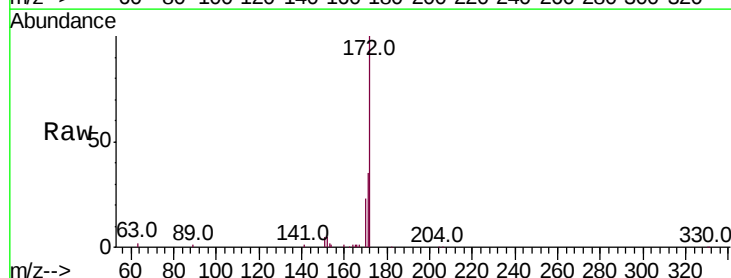
Instrument :
 BNA_N
 ClientSampleId :
 AOC8-02B

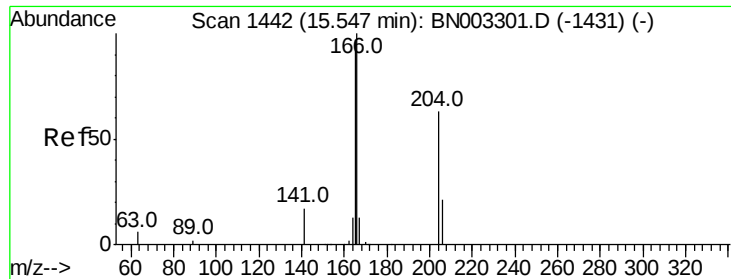
Tot Ion:330 Resp: 7533
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 49.1 28.3 42.5#



#15
 2-Fluorobiphenyl
 Concen: 0.243 ng
 RT: 13.12 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BN003334.D
 Acq: 29 Oct 2018 13:37

Tgt Ion:172 Resp: 49728
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.1 40.7
 170 22.6 17.4 26.0





#18

Fluorene

Concen: 0.066 ng

RT: 15.54 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

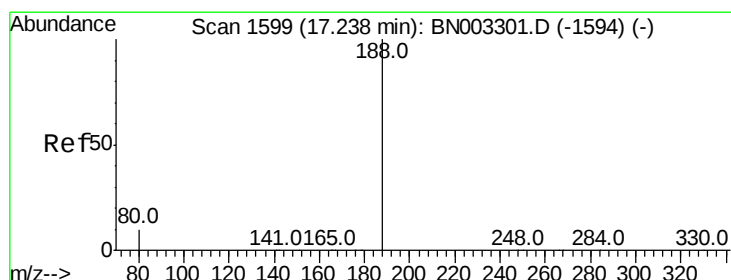
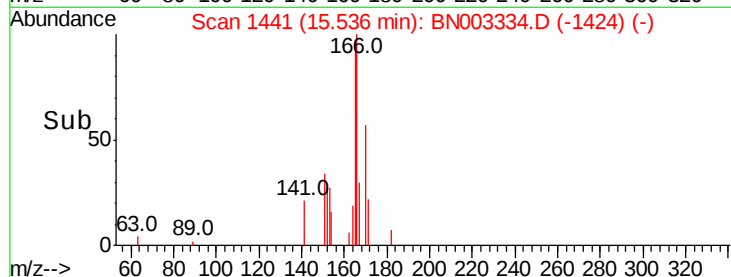
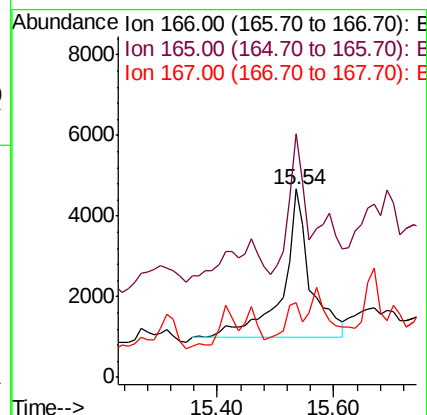
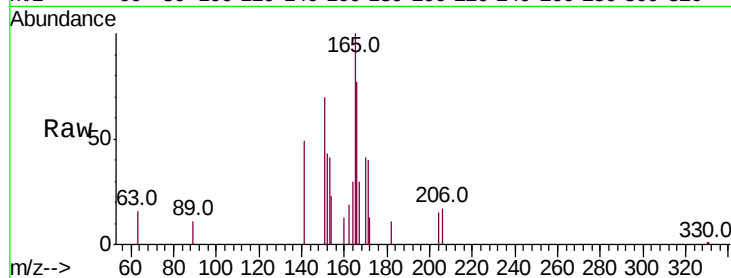
Tot Ion:166 Resp: 12140

Ion Ratio Lower Upper

166 100

165 58.0 77.8 116.8#

167 11.9 10.9 16.3



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

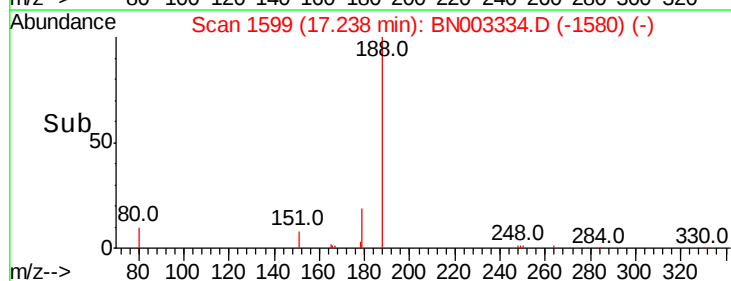
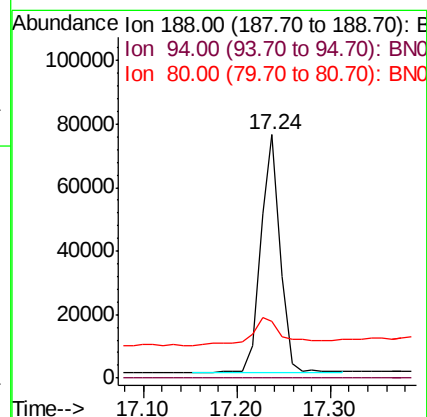
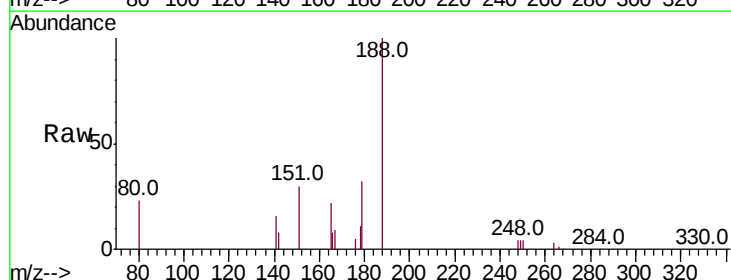
Tgt Ion:188 Resp: 108897

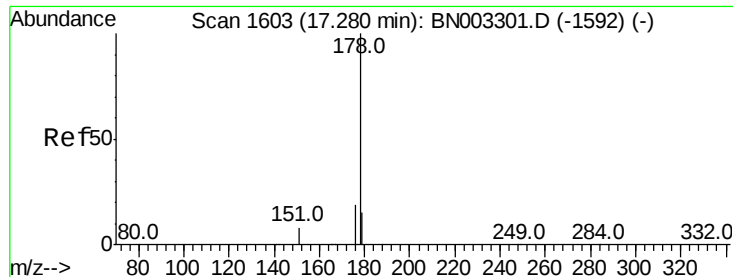
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 23.2 8.6 12.8#





#23

Phenanthrene

Concen: 0.084 ng

RT: 17.28 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

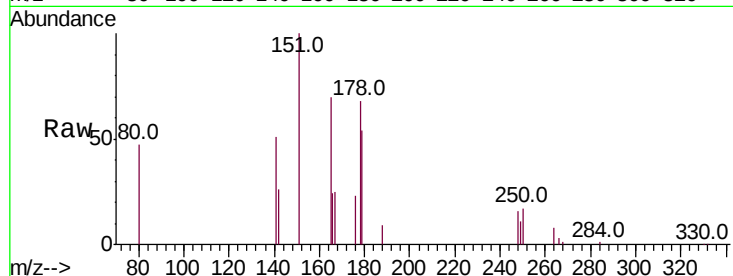
Tot Ion:178 Resp: 24951

Ion Ratio Lower Upper

178 100

176 16.2 15.1 22.7

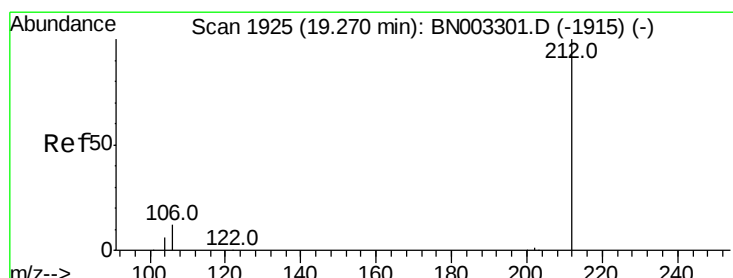
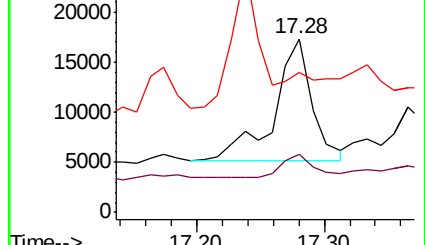
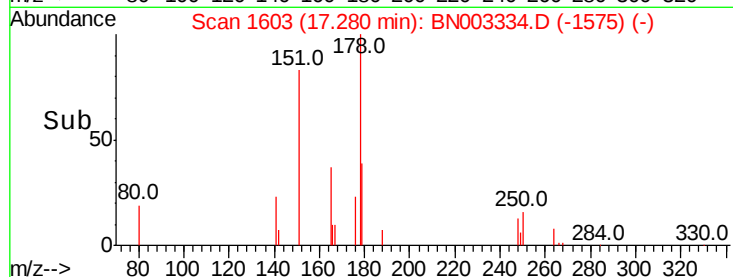
179 0.0 12.4 18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.217 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

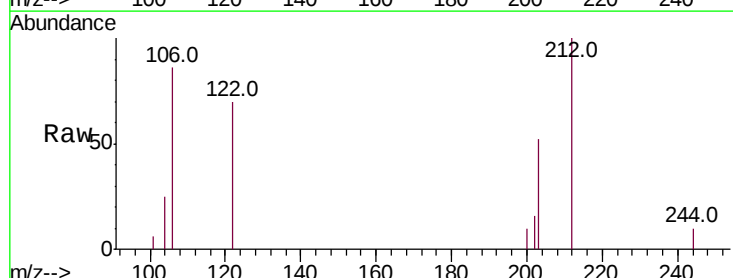
Tgt Ion:212 Resp: 68625

Ion Ratio Lower Upper

212 100

106 29.0 10.3 15.5#

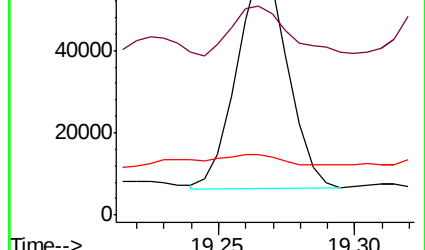
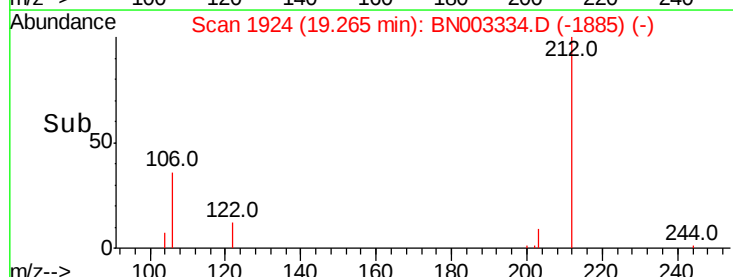
104 5.3 5.6 8.4#

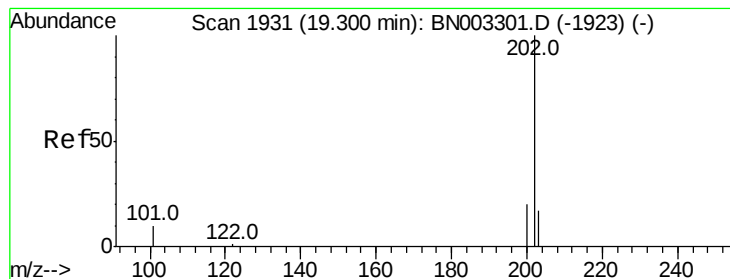


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.058 ng

RT: 19.29 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

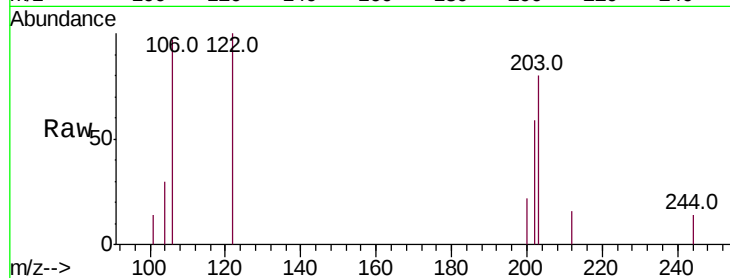
Tot Ion:202 Resp: 20026

Ion Ratio Lower Upper

202 100

101 22.2 9.0 13.4#

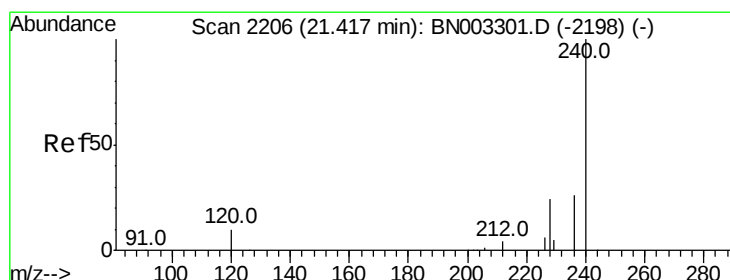
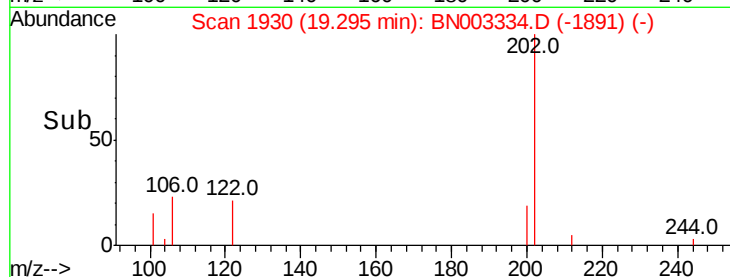
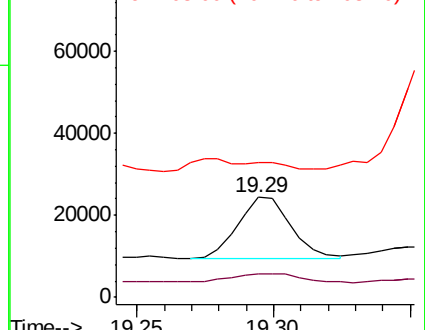
203 0.0 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

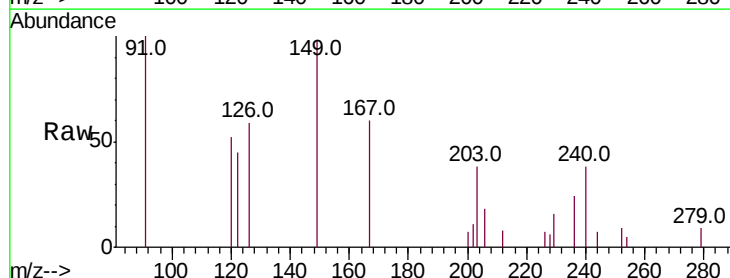
Tgt Ion:240 Resp: 107146

Ion Ratio Lower Upper

240 100

120 135.3 9.3 13.9#

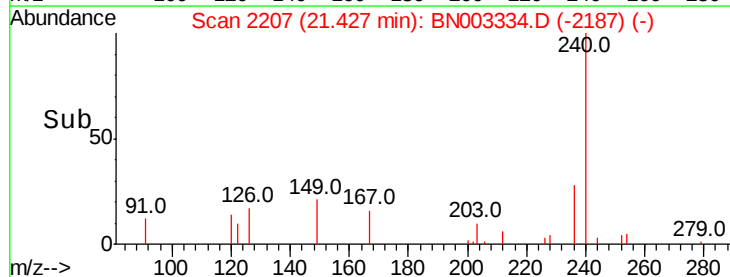
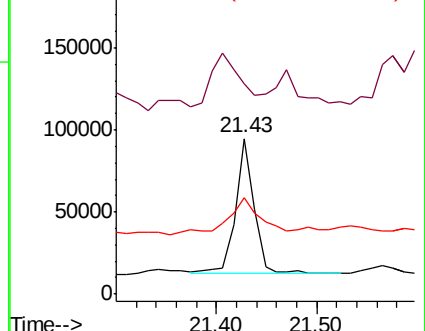
236 62.4 21.0 31.4#

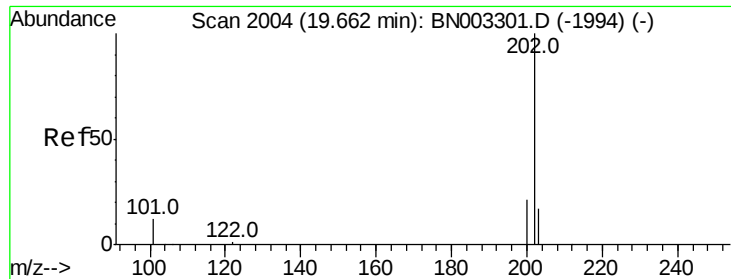


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.098 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

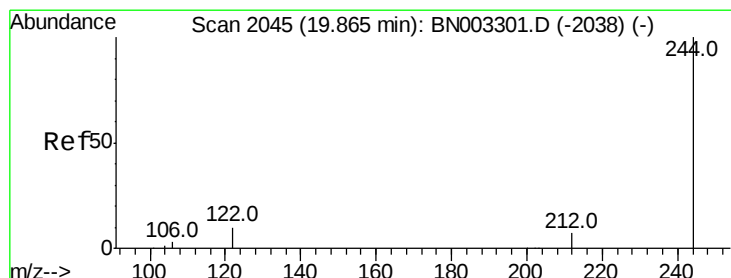
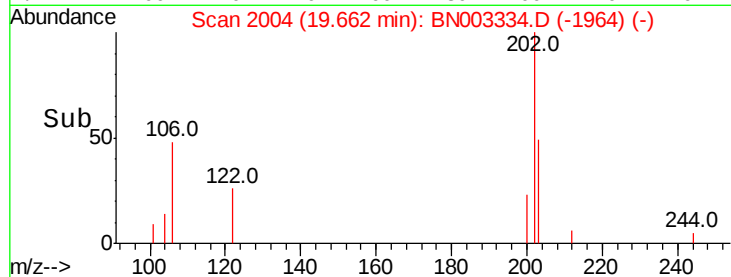
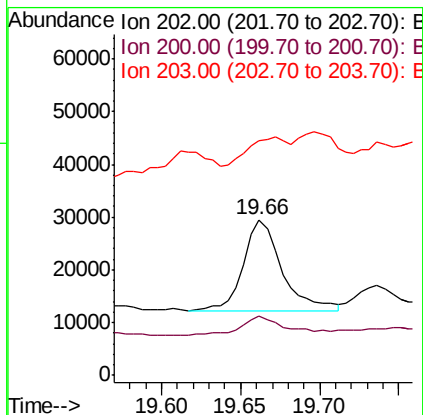
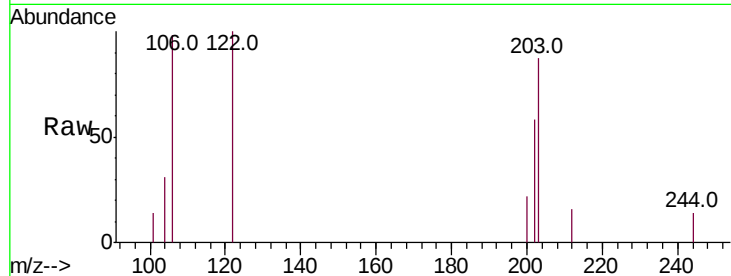
Tot Ion:202 Resp: 29146

Ion Ratio Lower Upper

202 100

200 27.3 16.5 24.7#

203 31.4 13.9 20.9#



#29

Terphenyl-d14

Concen: 0.212 ng

RT: 19.87 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

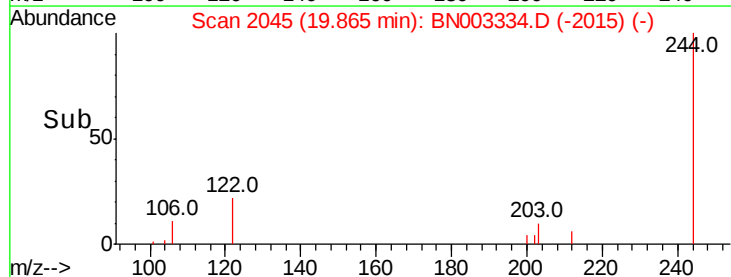
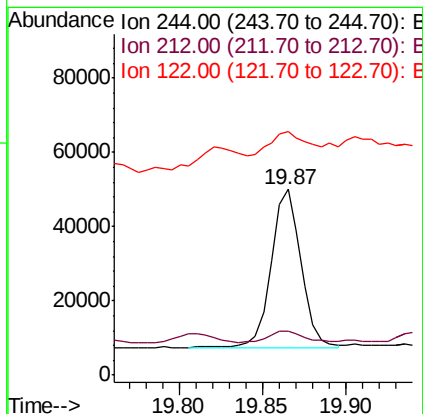
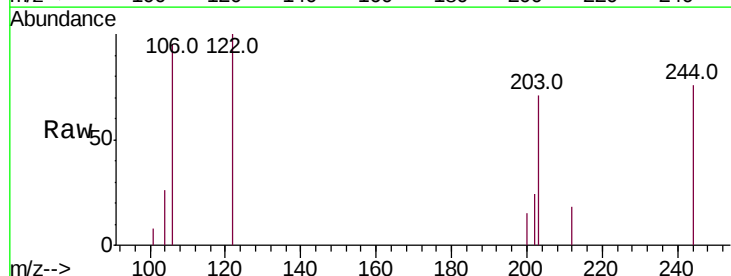
Tgt Ion:244 Resp: 52781

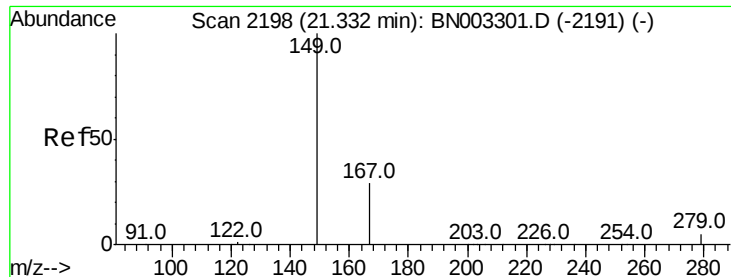
Ion Ratio Lower Upper

244 100

212 23.4 5.6 8.4#

122 131.1 8.5 12.7#





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.756 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

Instrument :

BNA_N

ClientSampleId :

AOC8-02B

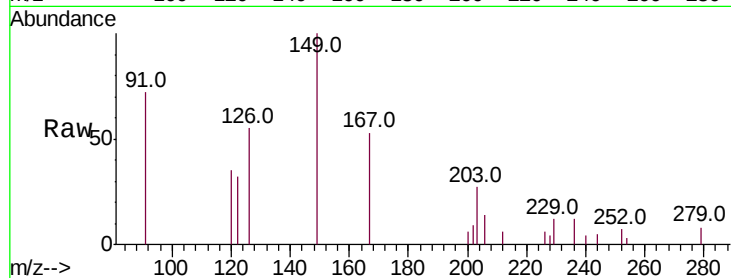
Tot Ion:149 Resp: 145919

Ion Ratio Lower Upper

149 100

167 50.9 22.4 33.6#

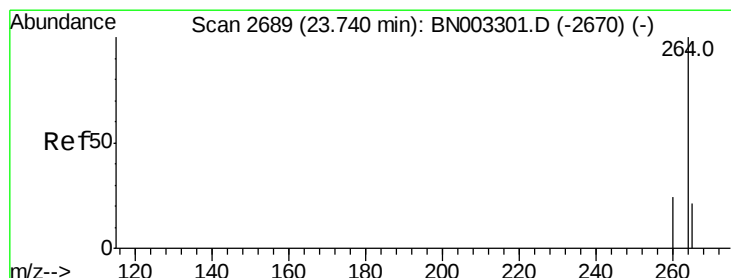
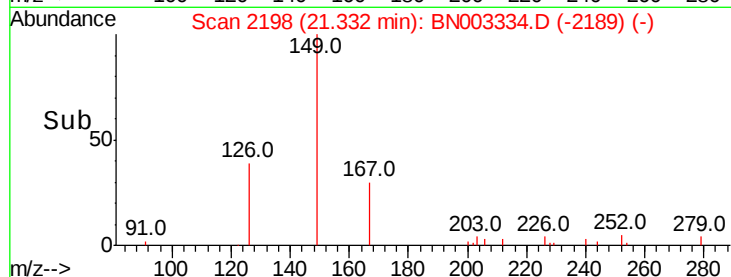
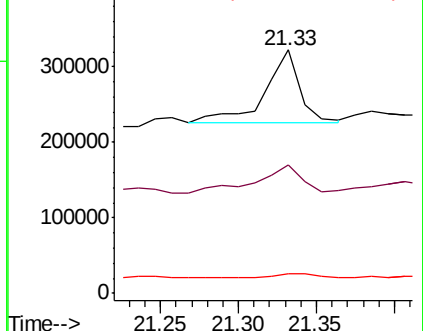
279 6.4 3.9 5.9#



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: 23.76 min Scan# 2696

Delta R.T. 0.02 min

Lab File: BN003334.D

Acq: 29 Oct 2018 13:37

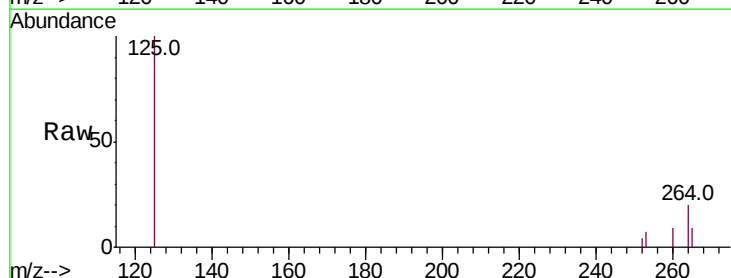
Tgt Ion:264 Resp: 96526

Ion Ratio Lower Upper

264 100

260 44.9 19.1 28.7#

265 46.5 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

