

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
 Data File : BN003323.D
 Acq On : 27 Oct 2018 02:00
 Operator : MJ/SJ
 Sample : J5521-02 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 AOC6-01A

Quant Time: Oct 27 05:49:39 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	13703	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	58808	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	35588	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	88956	0.40	ng	0.00
27) Chrysene-d12	21.42	240	102083	0.40	ng	0.00
34) Perylene-d12	23.73	264	98080	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	1394	0.04	ng	0.00
5) Phenol-d6	7.01	99	1595	0.04	ng	0.00
8) Nitrobenzene-d5	9.02	82	1100	0.04	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2880	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	450	0.03	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	4690	0.03	ng	-0.01
25) Fluoranthene-d10	19.26	212	7146	0.03	ng	0.00
29) Terphenyl-d14	19.86	244	8300	0.03	ng	0.00

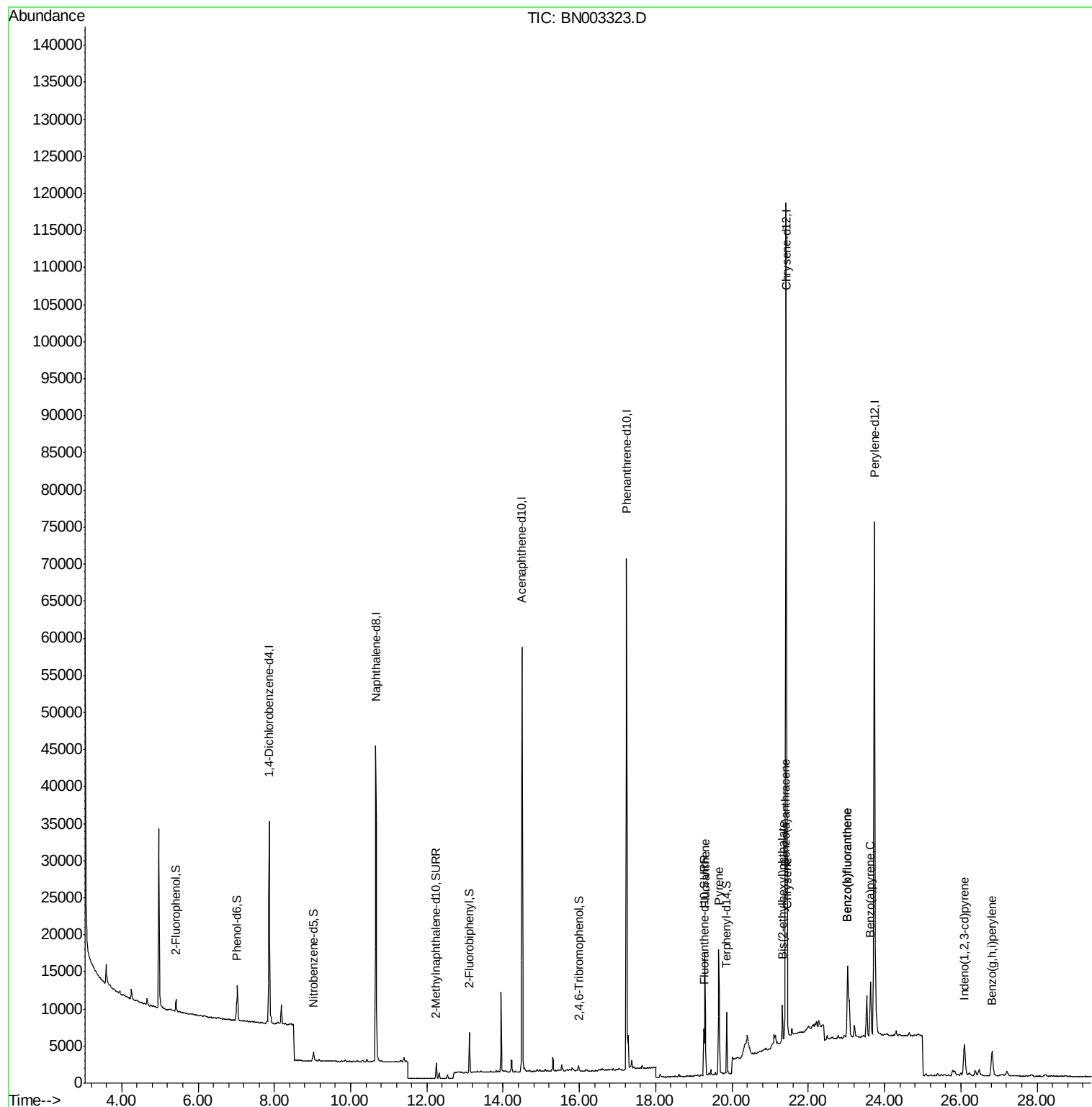
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) Fluoranthene	19.29	202	14692	0.052	ng	100
28) Pyrene	19.66	202	15079	0.053	ng	96
30) Benzo(a)anthracene	21.40	228	9195	0.034	ng	95
31) Chrysene	21.45	228	10621	0.037	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	4261	0.054	ng	100
33) Indeno(1,2,3-cd)pyrene	26.09	276	7514	0.025	ng	95
35) Benzo(b)fluoranthene	23.03	252	16689	0.055	ng	# 83
36) Benzo(k)fluoranthene	23.03	252	16689	0.055	ng	# 77
37) Benzo(a)pyrene	23.63	252	10728	0.039	ng	# 82
39) Benzo(g,h,i)perylene	26.82	276	7746	0.030	ng	# 90

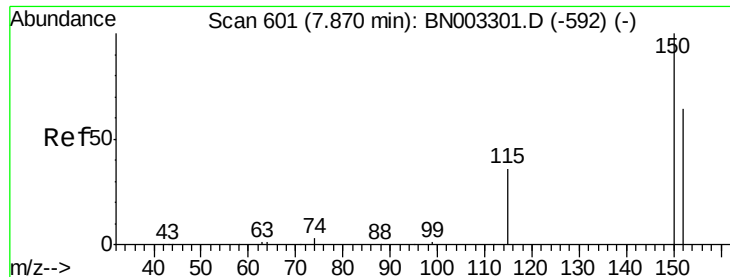
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN003323.D

Acq: 27 Oct 2018 02:00

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

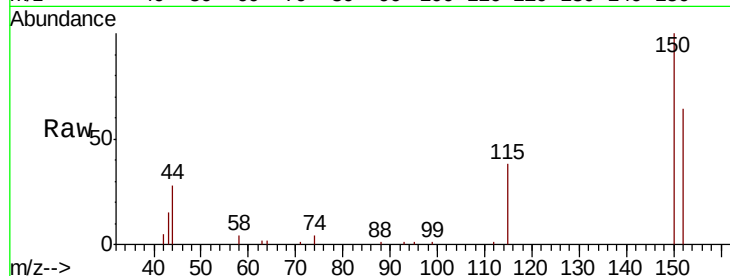
Tgt Ion:152 Resp: 13703

Ion Ratio Lower Upper

152 100

150 156.7 124.6 187.0

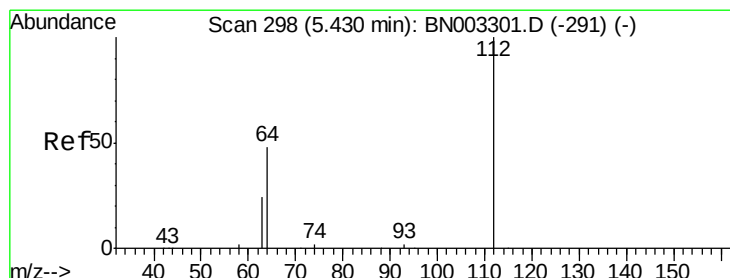
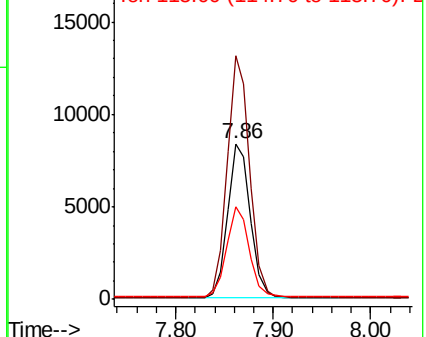
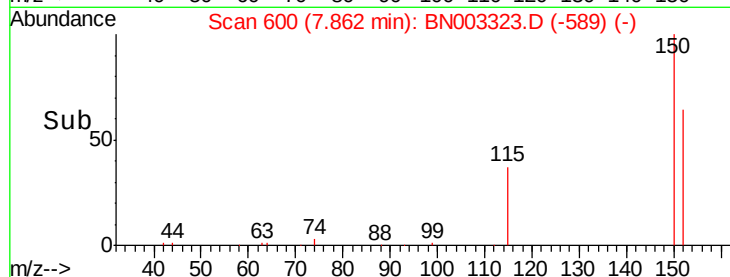
115 59.6 46.4 69.6



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: 0.041 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

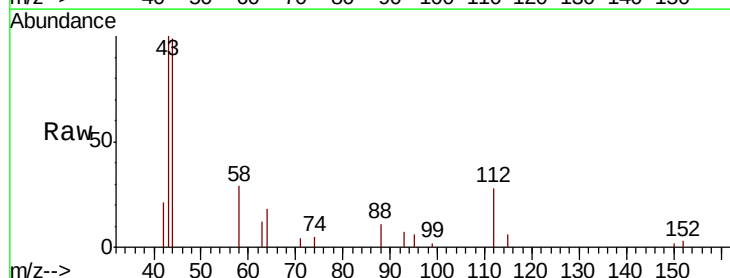
Tgt Ion:112 Resp: 1394

Ion Ratio Lower Upper

112 100

64 54.4 44.3 66.5

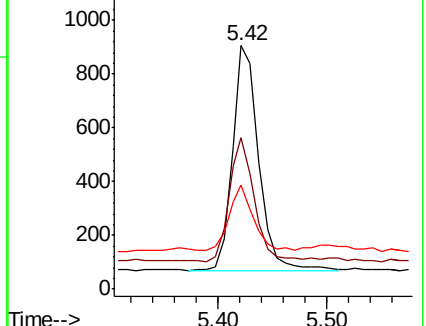
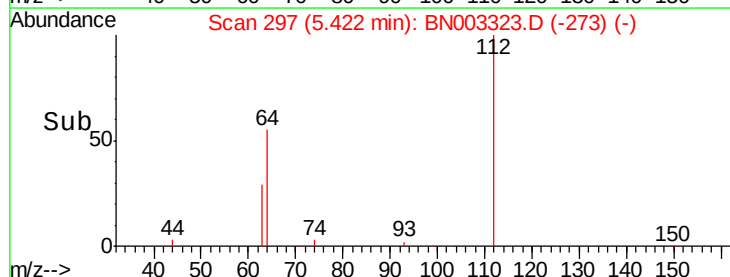
63 27.7 22.4 33.6

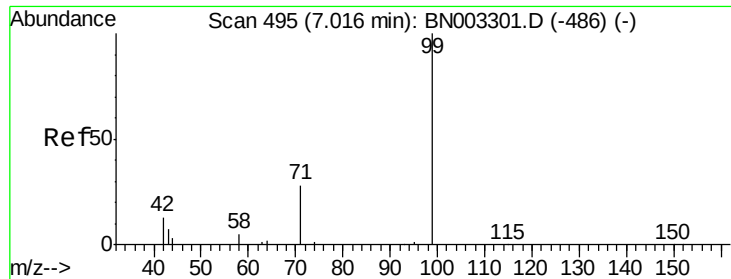


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.037 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

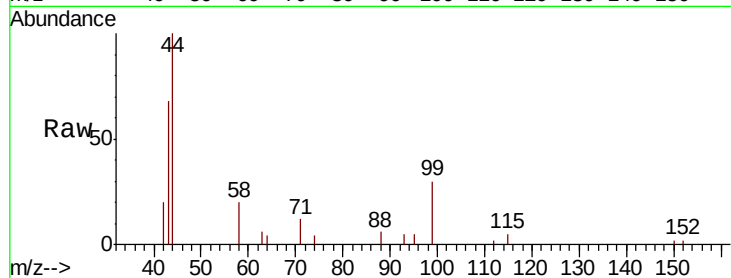
Tgt Ion: 99 Resp: 1595

Ion Ratio Lower Upper

99 100

42 0.0 14.8 22.2#

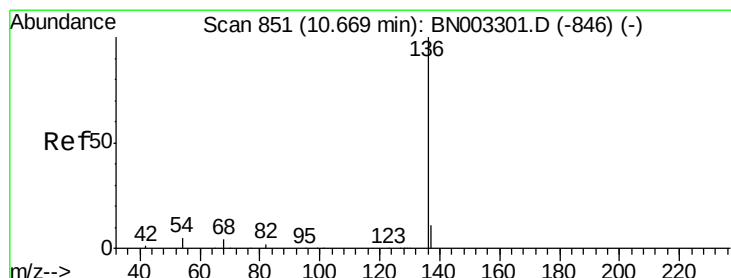
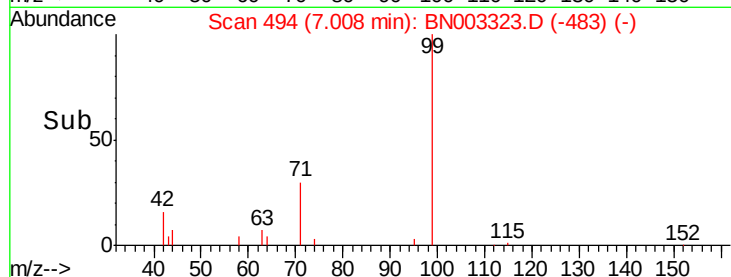
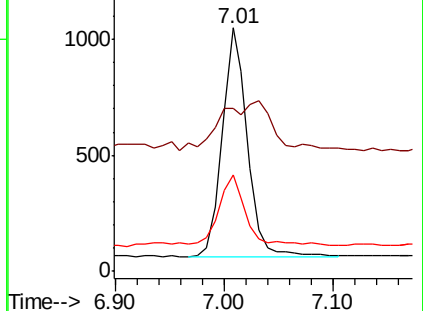
71 30.2 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN003323.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN003323.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN003323.D (-483) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

Tgt Ion: 136 Resp: 58808

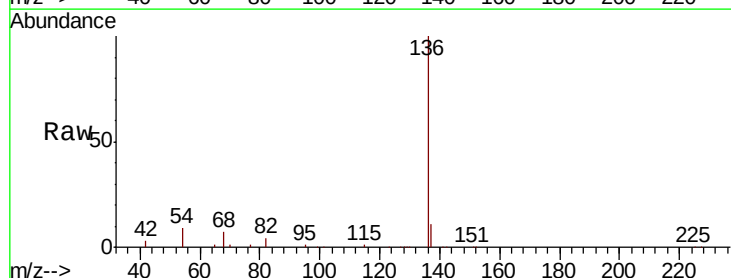
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.6 4.1 6.1#

68 7.0 3.5 5.3#

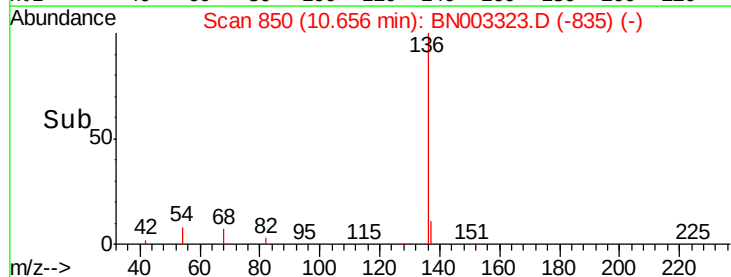
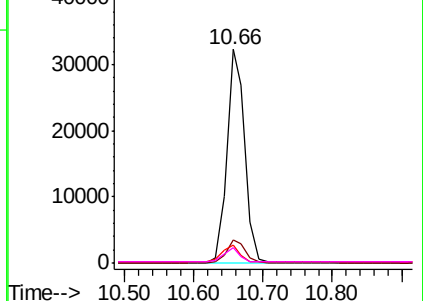


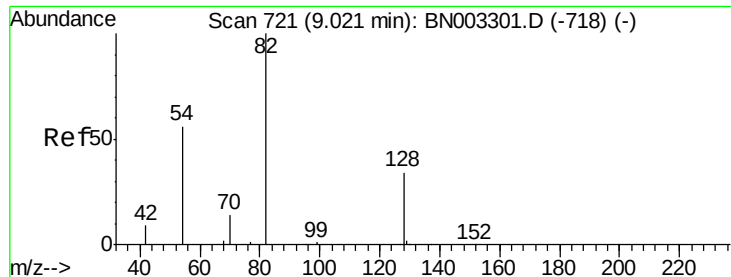
Abundance Ion 136.00 (135.70 to 136.70): BN003323.D (-835) (-)

Ion 137.00 (136.70 to 137.70): BN003323.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN003323.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN003323.D (-835) (-)





#8

Nitrobenzene-d5

Concen: 0.043 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

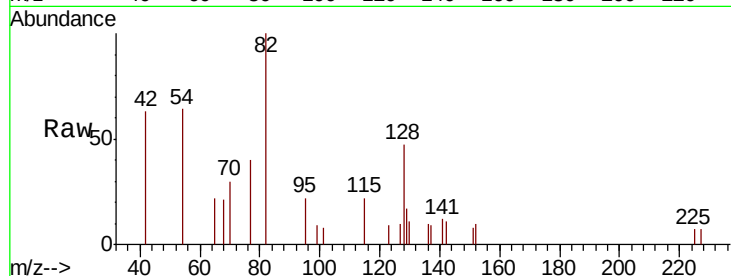
Tgt Ion: 82 Resp: 1100

Ion Ratio Lower Upper

82 100

128 47.4 28.9 43.3#

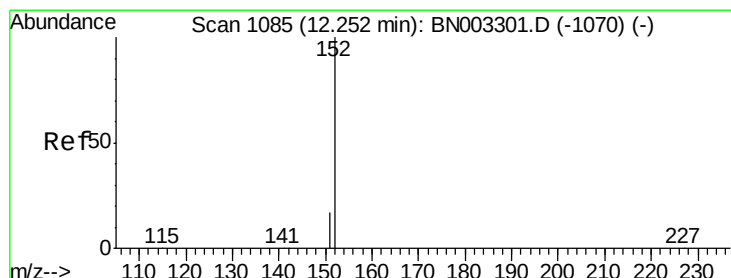
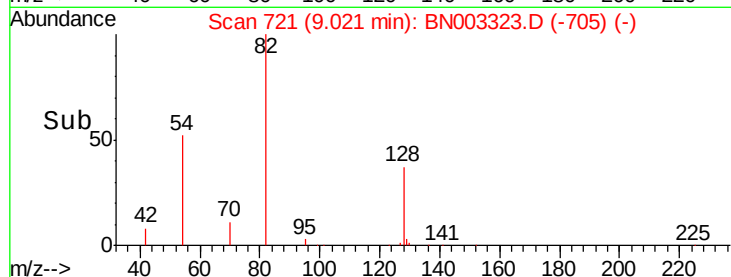
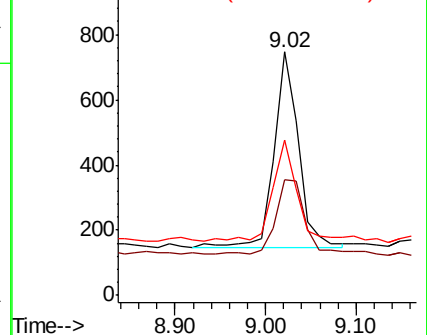
54 64.0 46.1 69.1



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: 0.030 ng

RT: 12.25 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BN003323.D

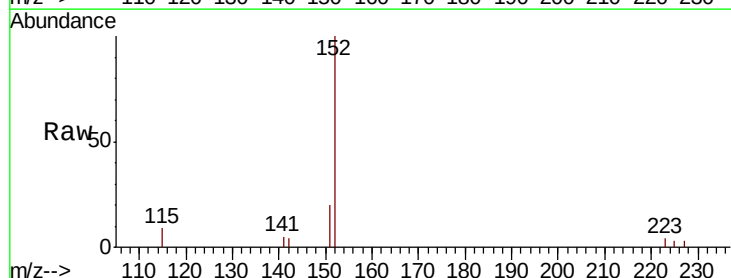
Acq: 27 Oct 2018 02:00

Tgt Ion: 152 Resp: 2880

Ion Ratio Lower Upper

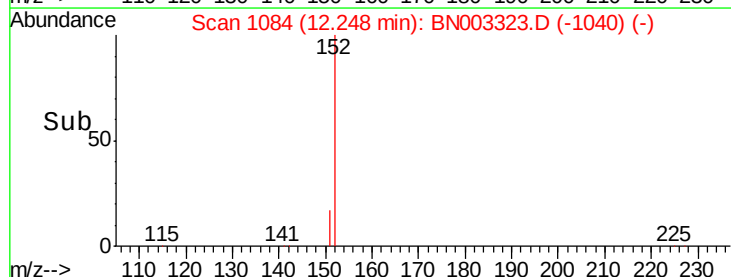
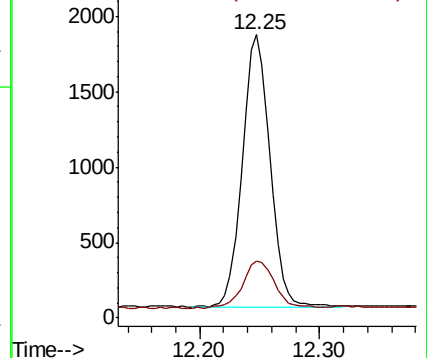
152 100

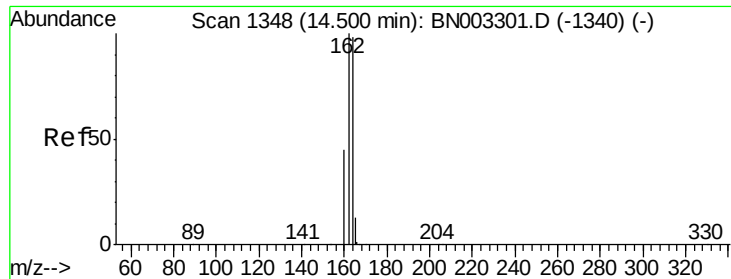
151 20.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC

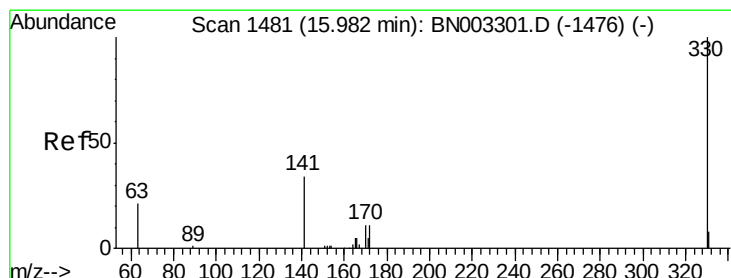
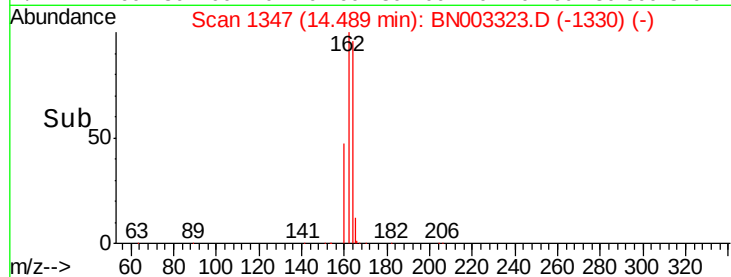
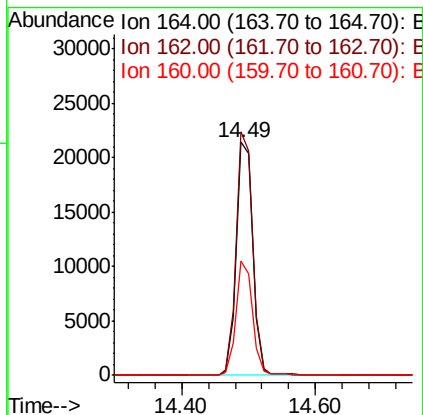
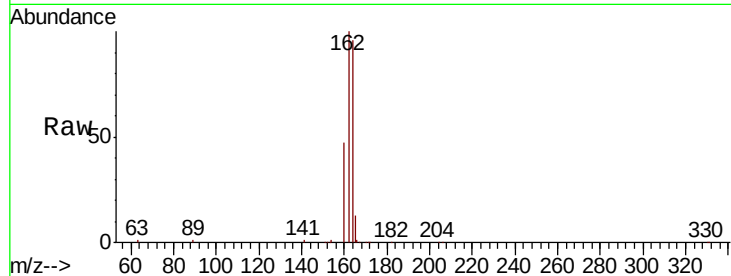




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003323.D
Acq: 27 Oct 2018 02:00

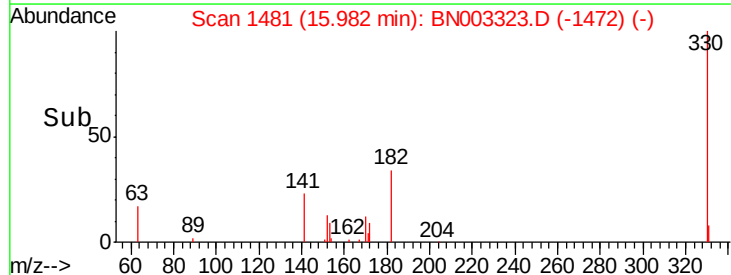
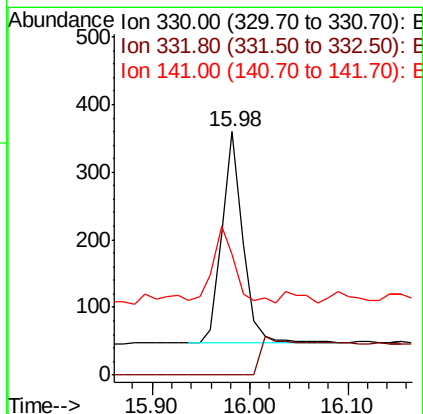
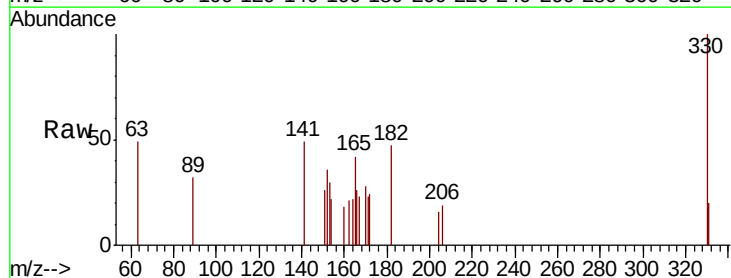
Instrument :
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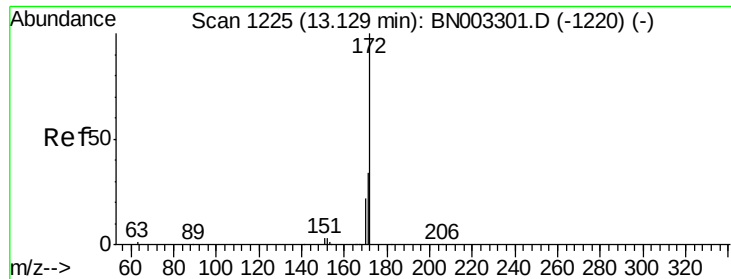
Tgt Ion:164 Resp: 35588
Ion Ratio Lower Upper
164 100
162 104.6 81.8 122.6
160 49.0 37.2 55.8



#14
2,4,6-Tribromophenol
Concen: 0.032 ng
RT: 15.98 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BN003323.D
Acq: 27 Oct 2018 02:00

Tgt Ion:330 Resp: 450
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.1 28.3 42.5

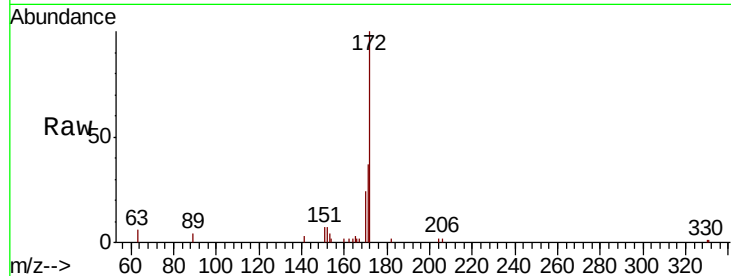




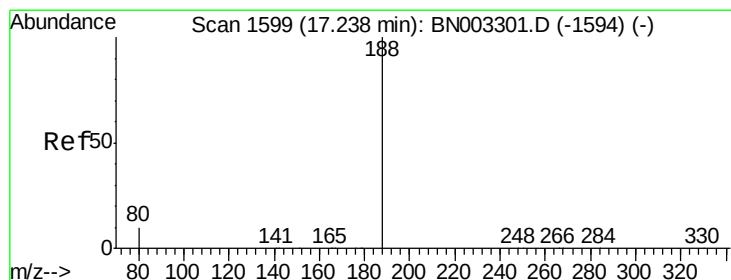
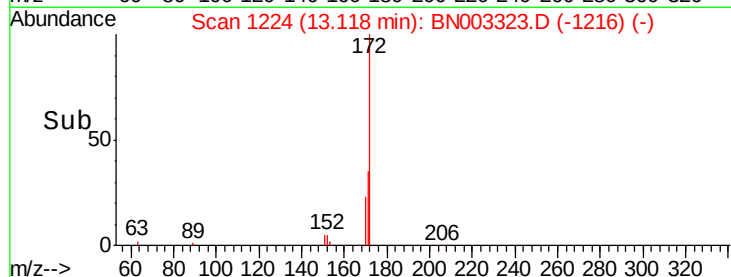
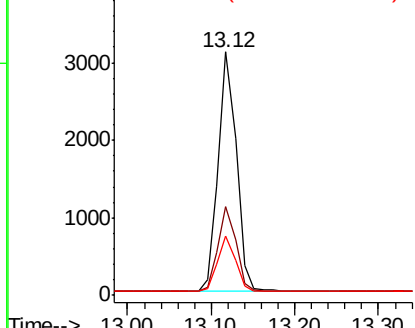
#15
2-Fluorobiphenyl
Concen: 0.031 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003323.D
Acq: 27 Oct 2018 02:00

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:172 Resp: 4690
Ion Ratio Lower Upper
172 100
171 36.6 27.1 40.7
170 24.5 17.4 26.0

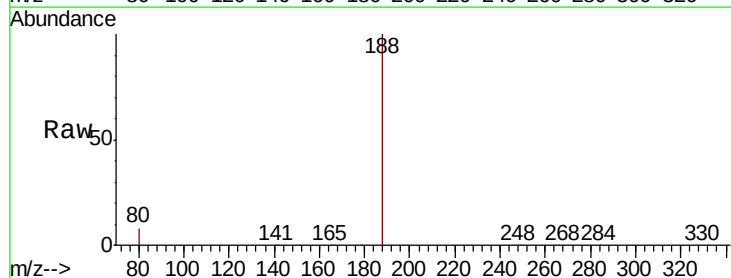


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

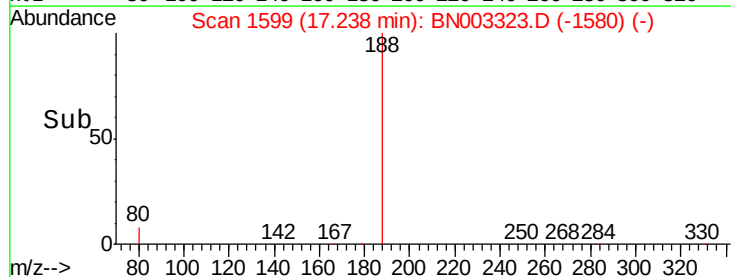
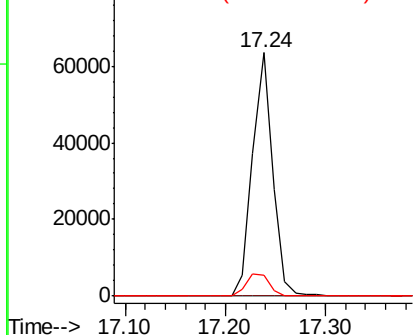


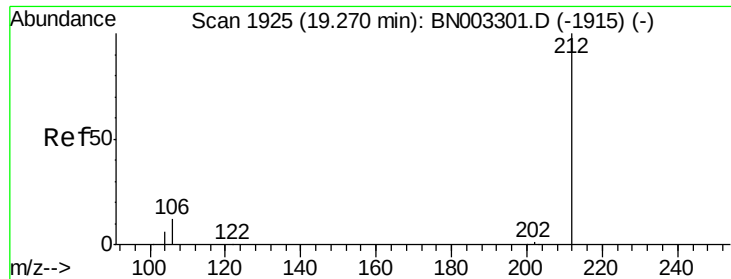
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BN003323.D
Acq: 27 Oct 2018 02:00

Tgt Ion:188 Resp: 88956
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 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: 0.028 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

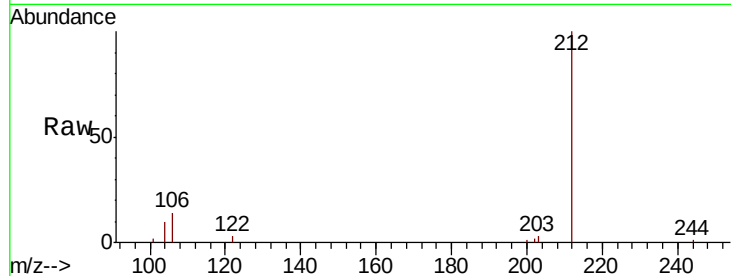
Tgt Ion:212 Resp: 7146

Ion Ratio Lower Upper

212 100

106 12.9 10.3 15.5

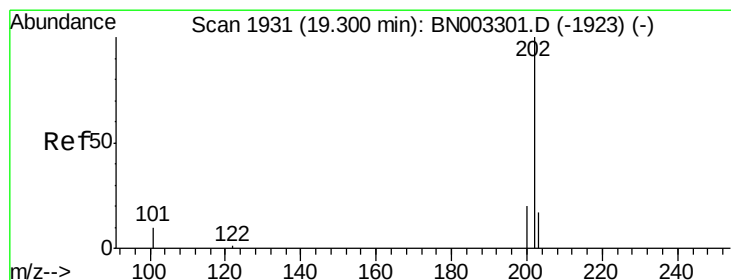
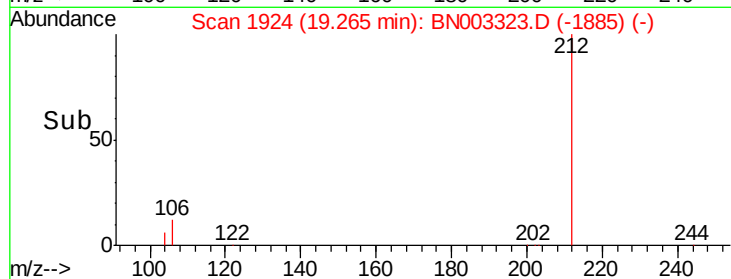
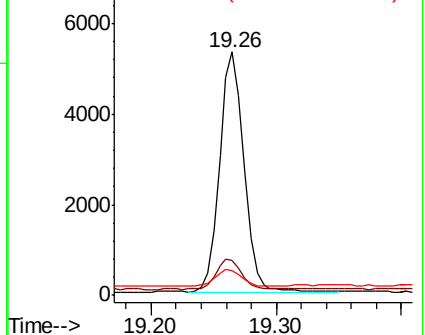
104 7.3 5.6 8.4



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: 0.052 ng

RT: 19.29 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

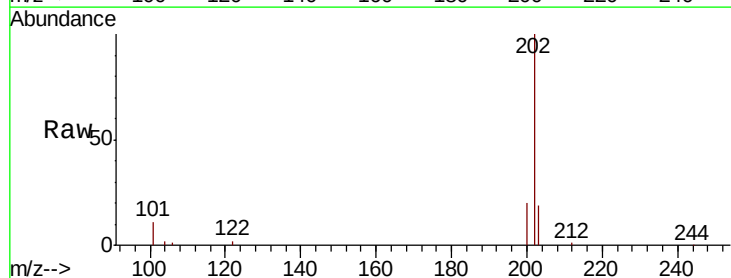
Tgt Ion:202 Resp: 14692

Ion Ratio Lower Upper

202 100

101 11.3 9.0 13.4

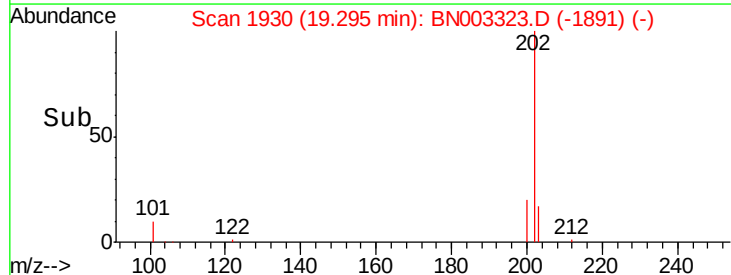
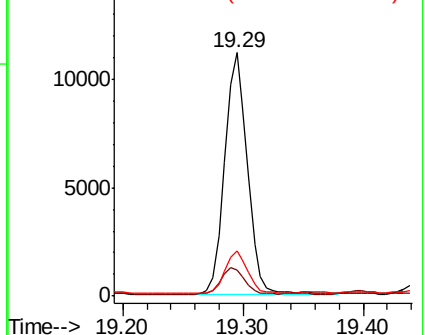
203 17.1 13.8 20.6

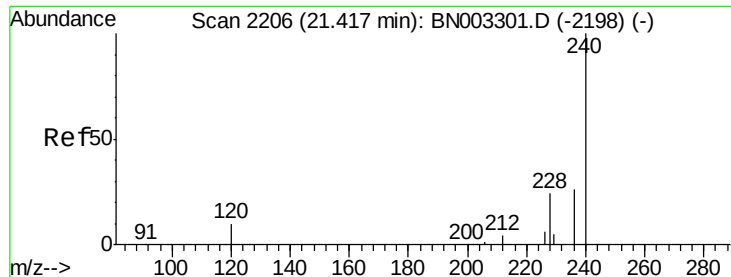


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.42 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

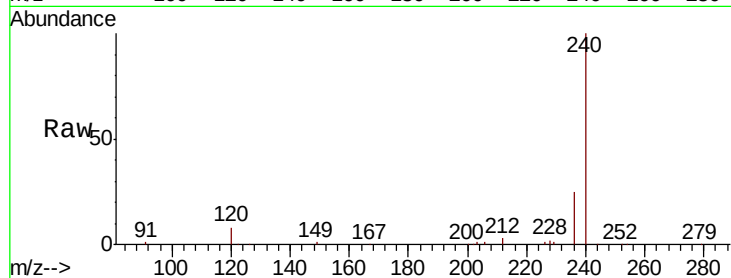
Tgt Ion:240 Resp: 102083

Ion Ratio Lower Upper

240 100

120 7.6 9.3 13.9#

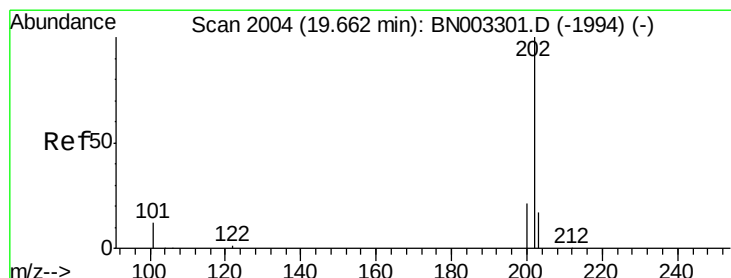
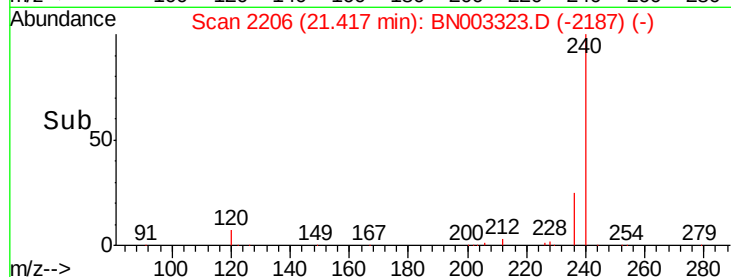
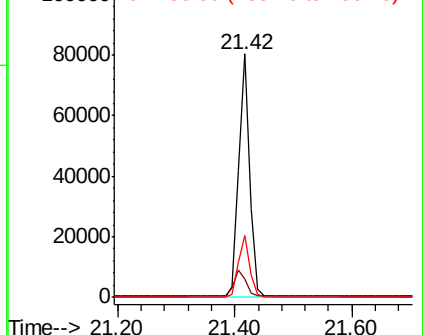
236 25.4 21.0 31.4



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

Pyrene

Concen: 0.053 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

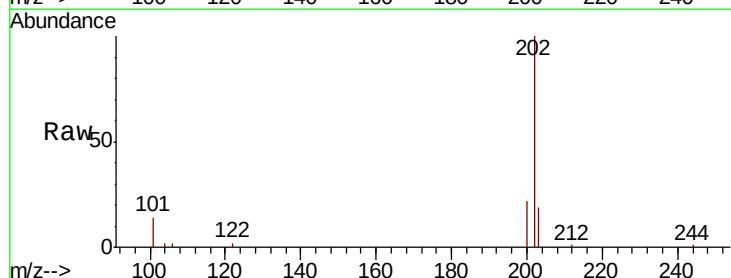
Tgt Ion:202 Resp: 15079

Ion Ratio Lower Upper

202 100

200 20.9 16.5 24.7

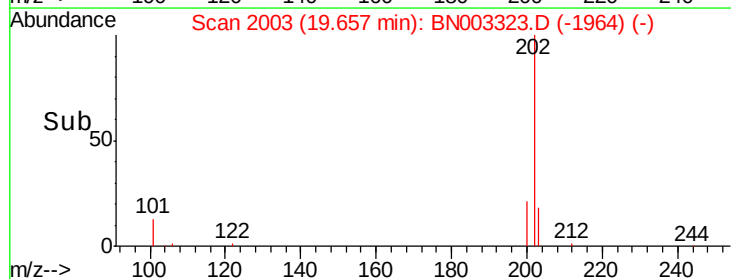
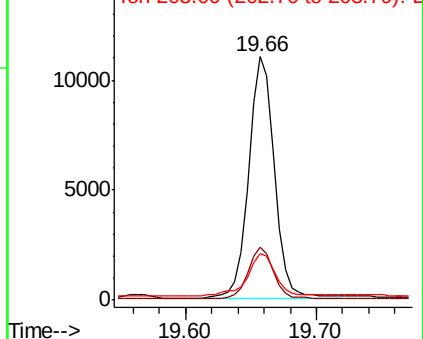
203 20.4 13.9 20.9

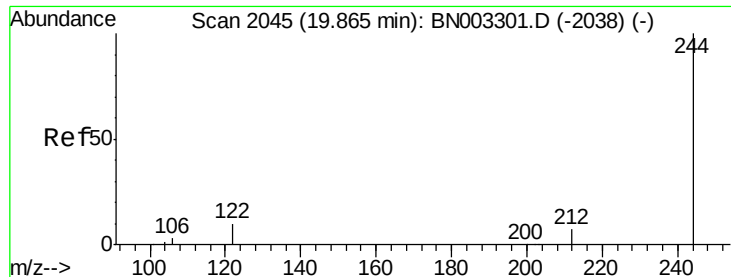


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.035 ng

RT: 19.86 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

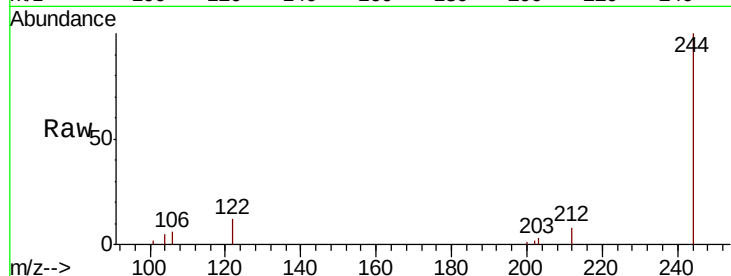
Tgt Ion:244 Resp: 8300

Ion Ratio Lower Upper

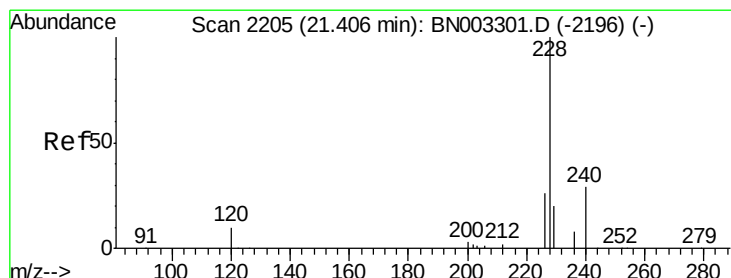
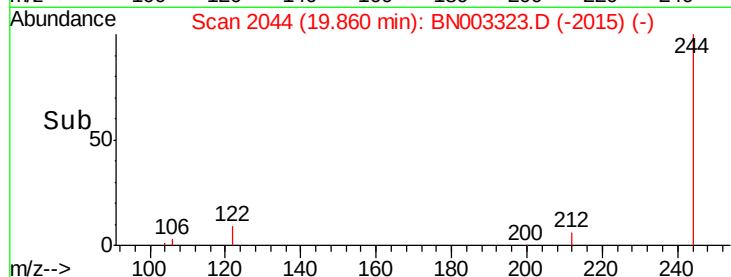
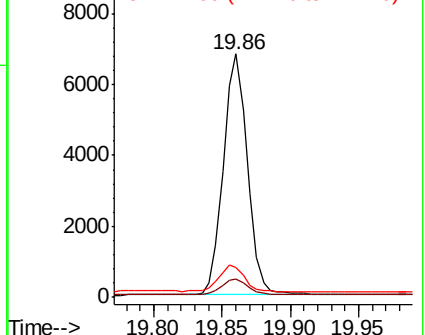
244 100

212 7.8 5.6 8.4

122 12.1 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



#30

Benzo(a)anthracene

Concen: 0.034 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

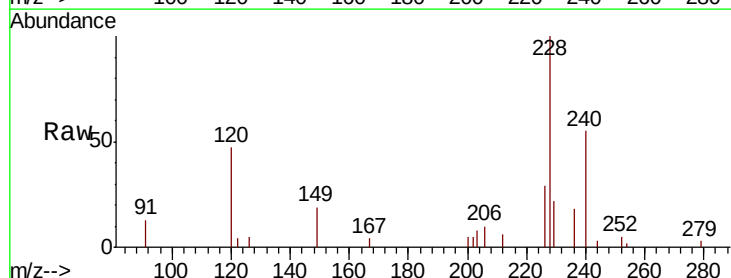
Tgt Ion:228 Resp: 9195

Ion Ratio Lower Upper

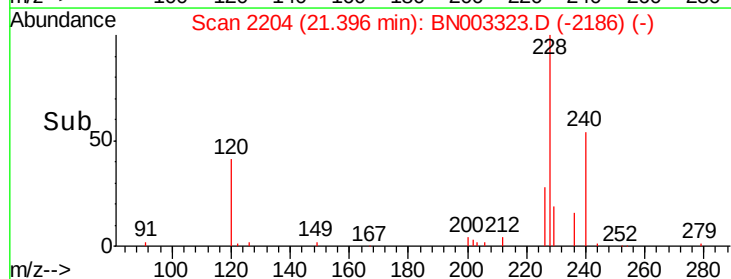
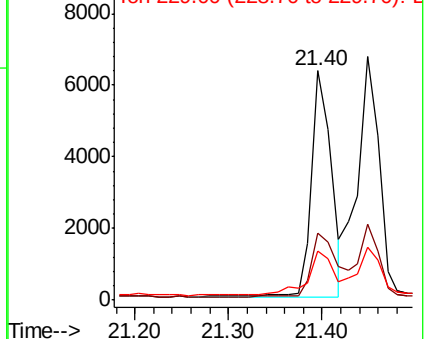
228 100

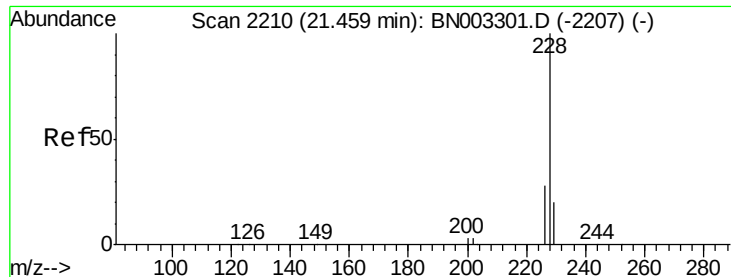
226 29.4 20.8 31.2

229 21.6 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.037 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

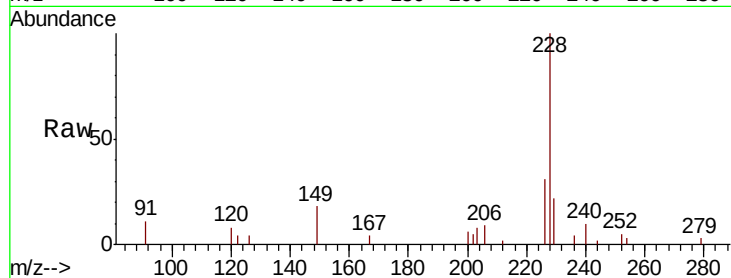
Tgt Ion:228 Resp: 10621

Ion Ratio Lower Upper

228 100

226 31.0 22.7 34.1

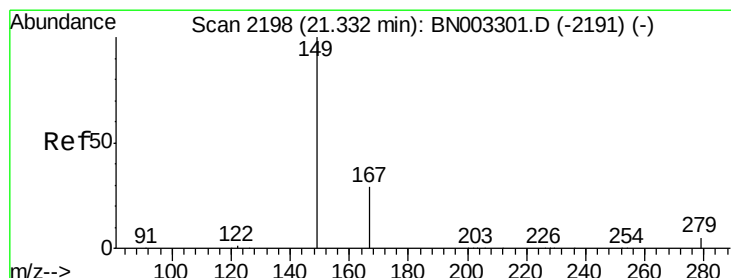
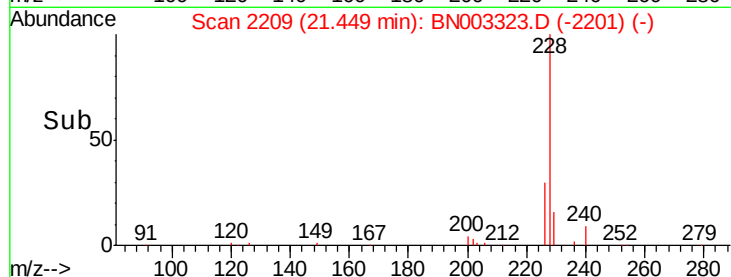
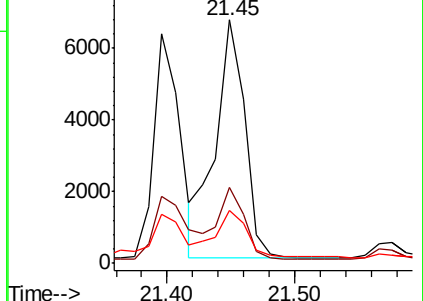
229 21.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.054 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

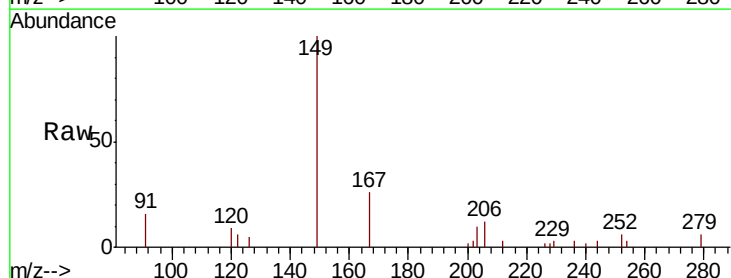
Tgt Ion:149 Resp: 4261

Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

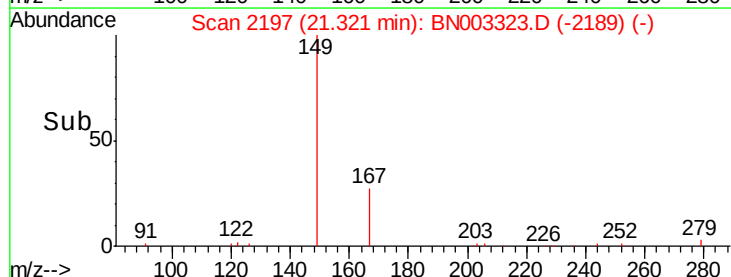
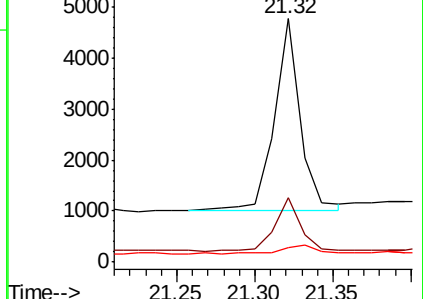
279 5.5 3.9 5.9

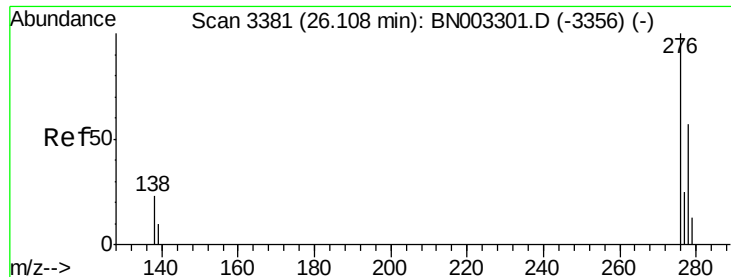


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng

RT: 26.09 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

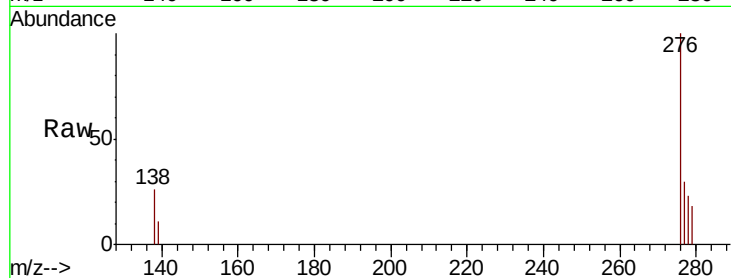
Tgt Ion: 276 Resp: 7514

Ion Ratio Lower Upper

276 100

138 21.1 20.6 30.8

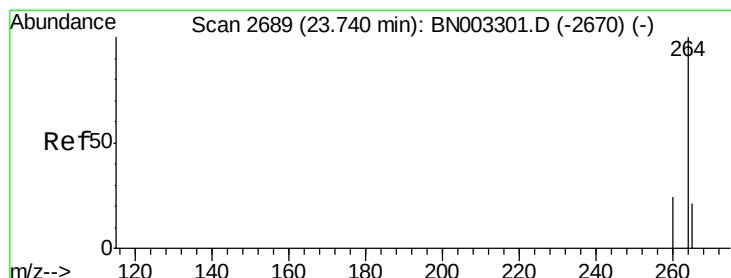
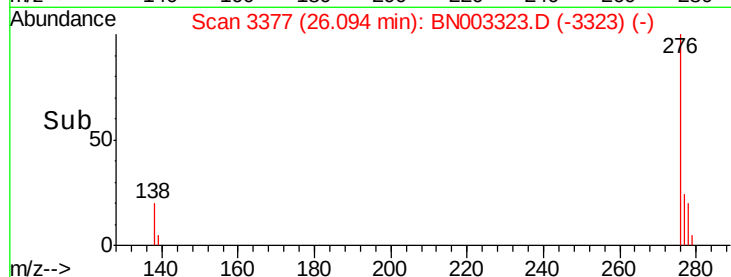
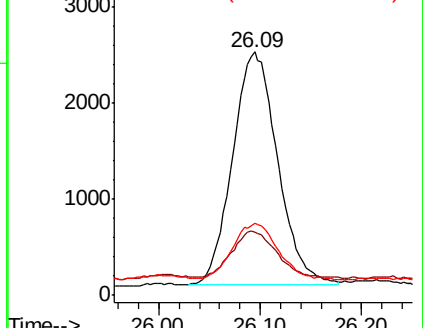
277 24.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2687

Delta R.T. -0.01 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

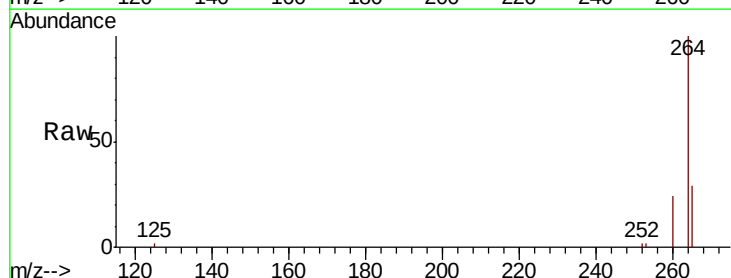
Tgt Ion: 264 Resp: 98080

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

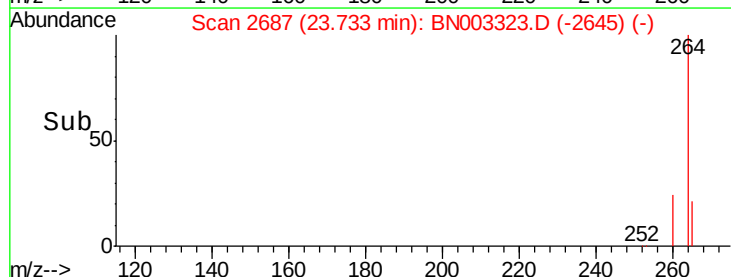
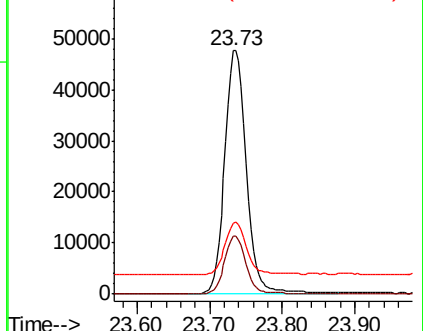
265 29.2 26.4 39.6

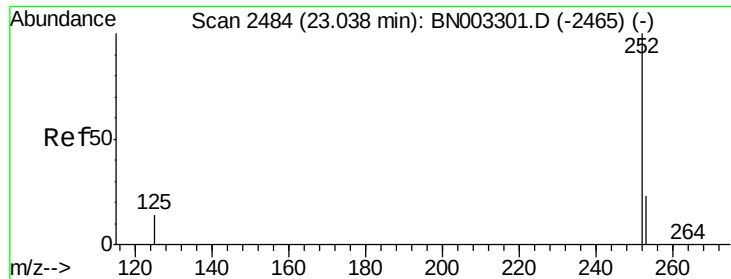


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.055 ng

RT: 23.03 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

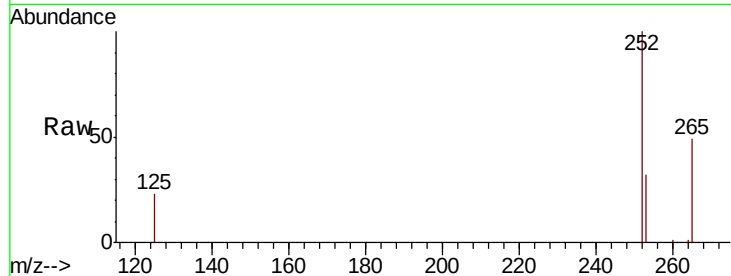
Tgt Ion:252 Resp: 16689

Ion Ratio Lower Upper

252 100

253 32.3 19.3 28.9#

125 23.2 12.7 19.1#

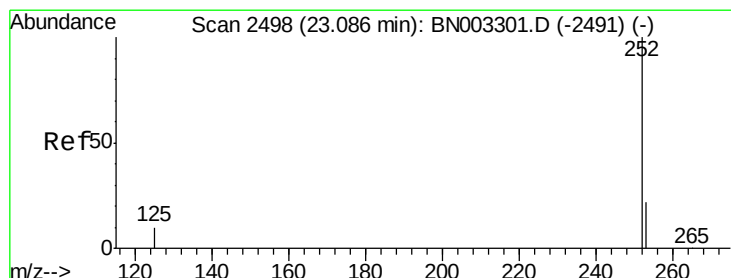
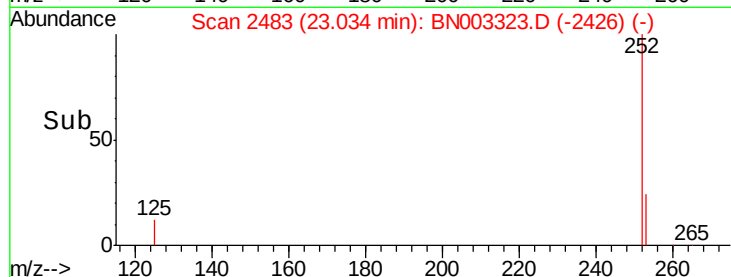
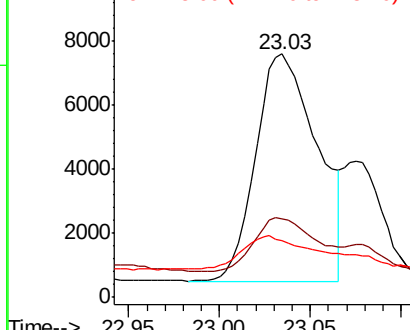


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.055 ng

RT: 23.03 min Scan# 2483

Delta R.T. -0.05 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

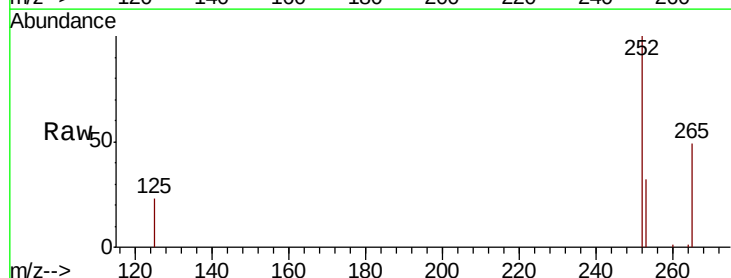
Tgt Ion:252 Resp: 16689

Ion Ratio Lower Upper

252 100

253 32.3 18.5 27.7#

125 23.2 9.1 13.7#

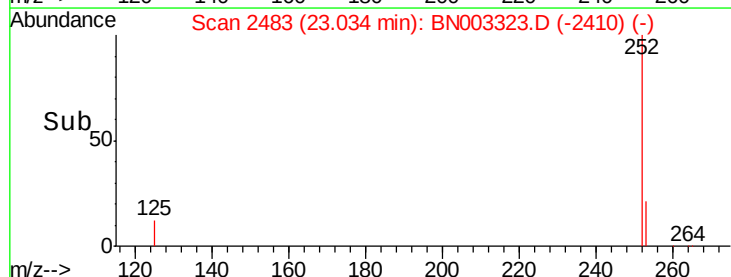
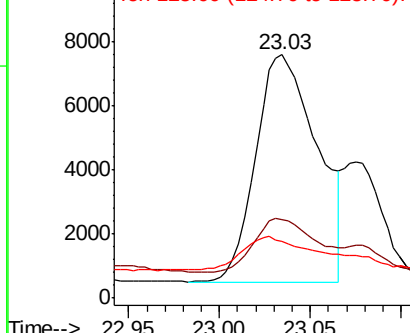


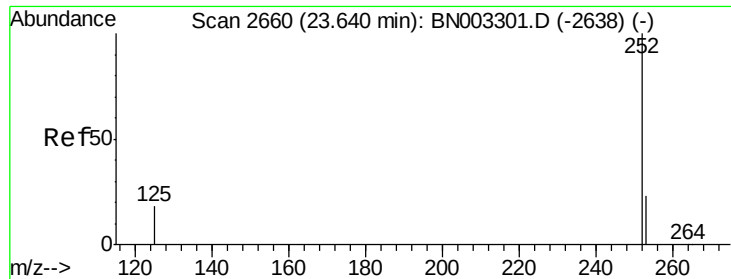
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.039 ng

RT: 23.63 min Scan# 2657

Delta R.T. -0.01 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

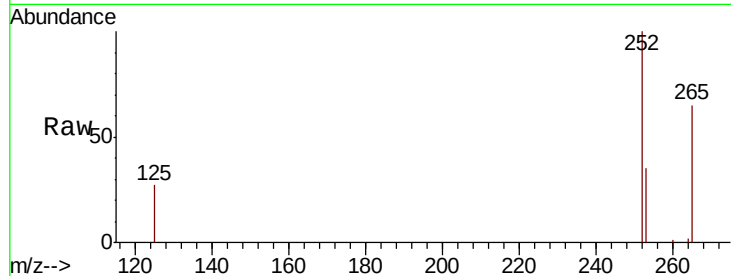
Tgt Ion:252 Resp: 10728

Ion Ratio Lower Upper

252 100

253 34.9 20.1 30.1#

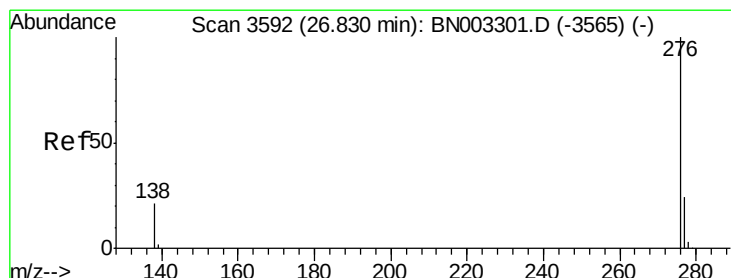
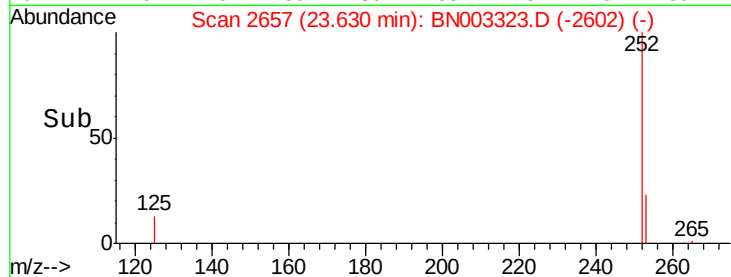
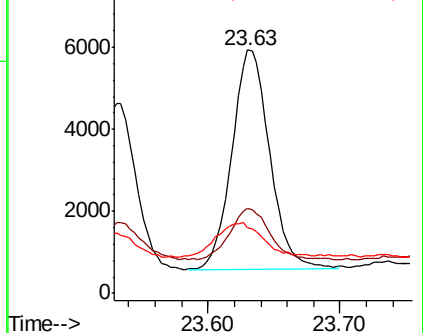
125 27.1 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.030 ng

RT: 26.82 min Scan# 3588

Delta R.T. -0.01 min

Lab File: BN003323.D

Acq: 27 Oct 2018 02:00

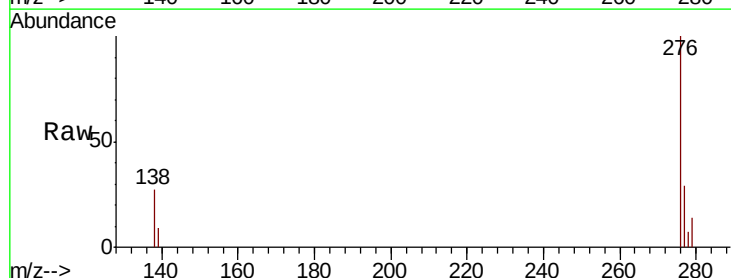
Tgt Ion:276 Resp: 7746

Ion Ratio Lower Upper

276 100

277 29.2 19.5 29.3

138 26.7 17.4 26.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

