

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
 Data File : BN003325.D
 Acq On : 27 Oct 2018 03:10
 Operator : MJ/SJ
 Sample : J5521-02MSD 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 AOC6-01A

Quant Time: Oct 27 05:50:00 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	13428	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	55759	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	31760	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	78535	0.40	ng	0.00
27) Chrysene-d12	21.42	240	89803	0.40	ng	0.00
34) Perylene-d12	23.74	264	86867	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	965	0.03	ng	0.00
5) Phenol-d6	7.01	99	1156	0.03	ng	0.00
8) Nitrobenzene-d5	9.02	82	796	0.03	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2400	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	329	0.03	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	3531	0.03	ng	-0.01
25) Fluoranthene-d10	19.26	212	5114	0.02	ng	0.00
29) Terphenyl-d14	19.86	244	6011	0.03	ng	0.00

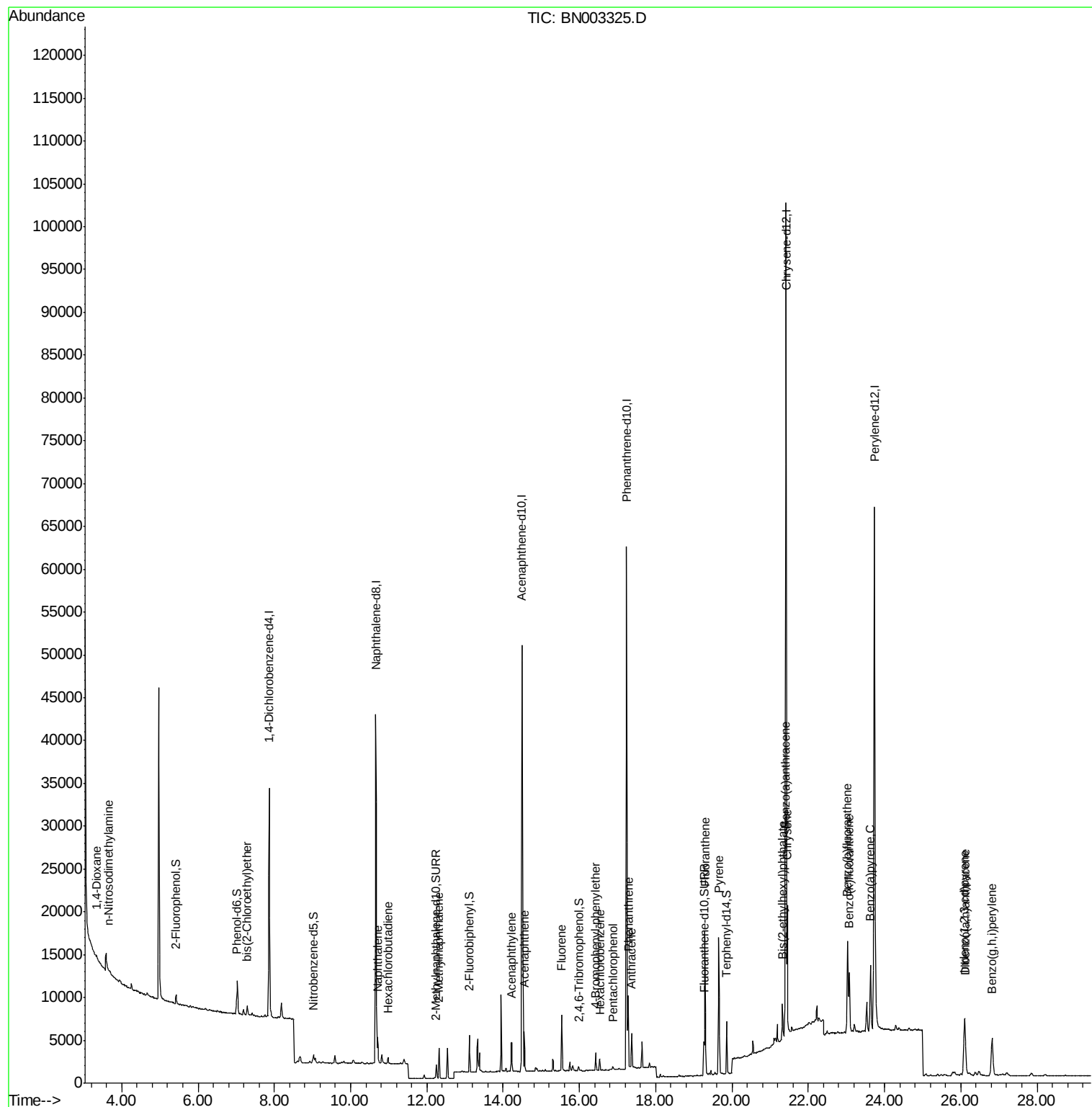
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	406	0.023	ng	# 71
3) n-Nitrosodimethylamine	3.67	42	391	0.049	ng	# 60
6) bis(2-Chloroethyl)ether	7.29	93	962	0.026	ng	99
9) Naphthalene	10.71	128	3788	0.028	ng	# 94
10) Hexachlorobutadiene	10.99	225	549	0.022	ng	# 98
12) 2-Methylnaphthalene	12.32	142	2567	0.027	ng	95
16) Acenaphthylene	14.22	152	4418	0.031	ng	99
17) Acenaphthene	14.56	154	2262	0.023	ng	97
18) Fluorene	15.54	166	3126	0.025	ng	96
20) 4-Bromophenyl-phenylether	16.43	248	988	0.022	ng	# 88
21) Hexachlorobenzene	16.54	284	1057	0.022	ng	99
22) Pentachlorophenol	16.88	266	235	0.018	ng	# 91
23) Phenanthrene	17.28	178	8351	0.039	ng	99
24) Anthracene	17.37	178	4722	0.026	ng	99
26) Fluoranthene	19.29	202	14826	0.060	ng	99
28) Pyrene	19.66	202	14553	0.059	ng	99
30) Benzo(a)anthracene	21.40	228	11288	0.048	ng	97
31) Chrysene	21.45	228	11976	0.047	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	3671	0.053	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.09	276	10129	0.039	ng	96
35) Benzo(b)fluoranthene	23.03	252	15343	0.057	ng	# 87
36) Benzo(k)fluoranthene	23.08	252	8701	0.032	ng	# 76
37) Benzo(a)pyrene	23.63	252	11158	0.045	ng	# 88
38) Dibenzo(a,h)anthracene	26.12	278	5786	0.025	ng	# 79
39) Benzo(g,h,i)perylene	26.82	276	9669	0.042	ng	93

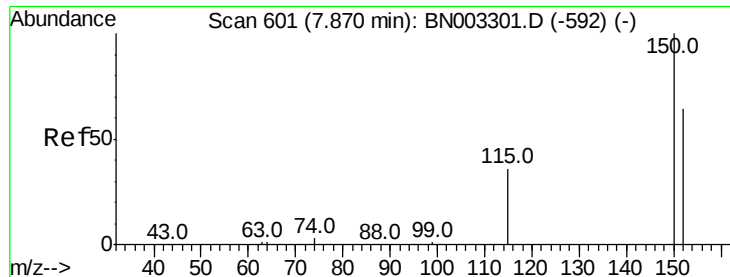
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 26 15:17:57 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 600

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

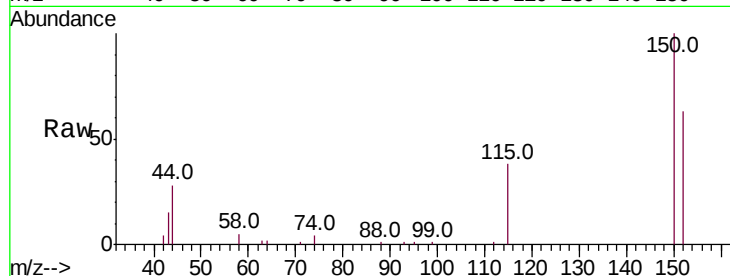
Tot Ion:152 Resp: 13428

Ion Ratio Lower Upper

152 100

150 158.4 124.6 187.0

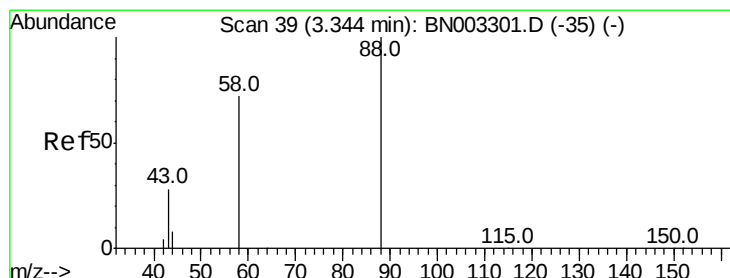
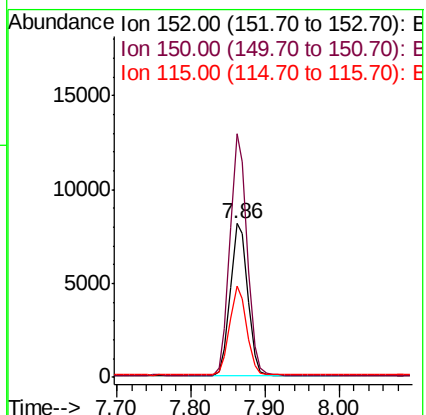
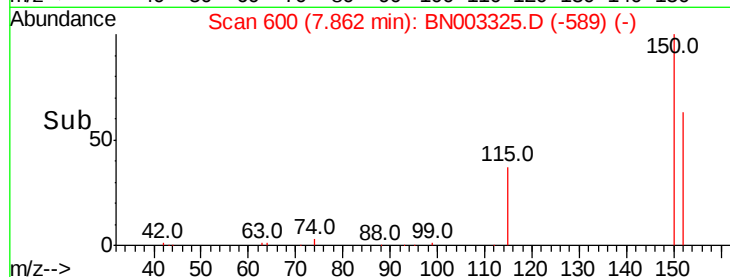
115 59.4 46.4 69.6



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



#2

1,4-Dioxane

Concen: 0.023 ng

RT: 3.34 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

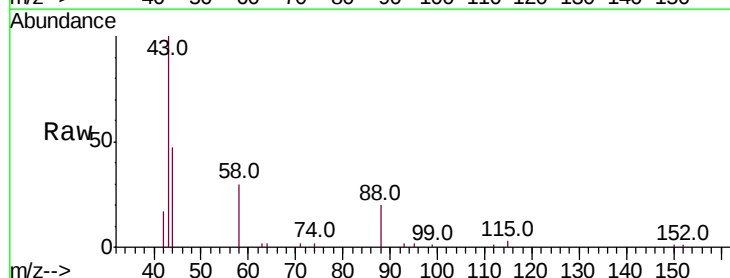
Tgt Ion: 88 Resp: 406

Ion Ratio Lower Upper

88 100

58 92.1 60.9 91.3#

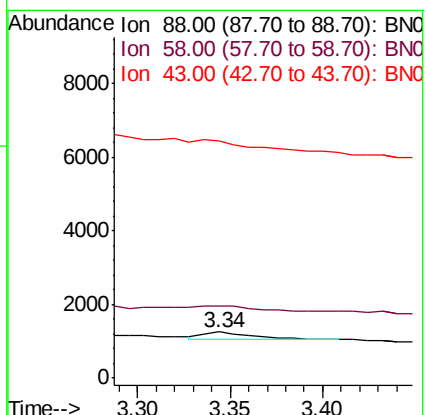
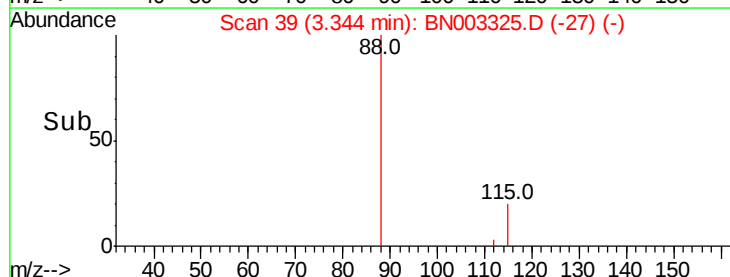
43 0.0 23.9 35.9#

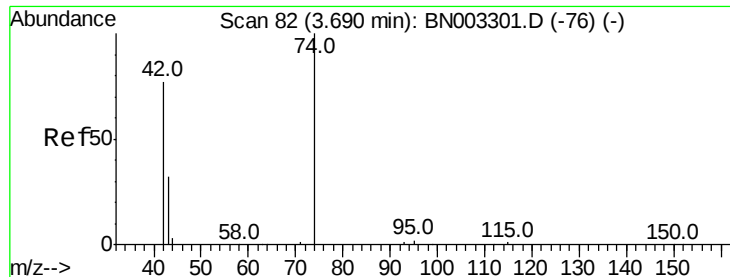


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.049 ng

RT: 3.67 min Scan# 80

Delta R.T. -0.02 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

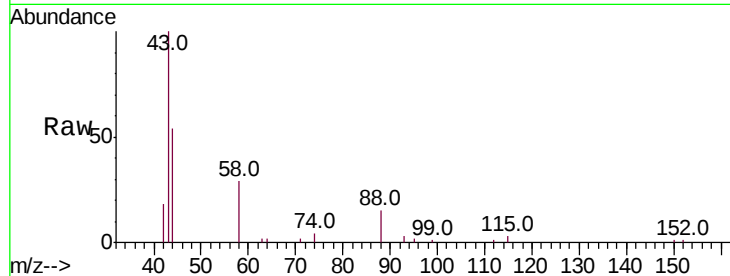
Tot Ion: 42 Resp: 391

Ion Ratio Lower Upper

42 100

74 77.0 99.1 148.7#

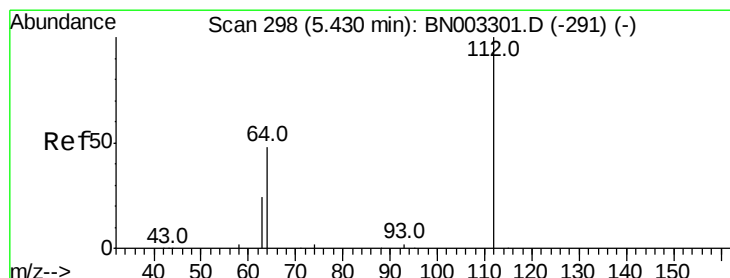
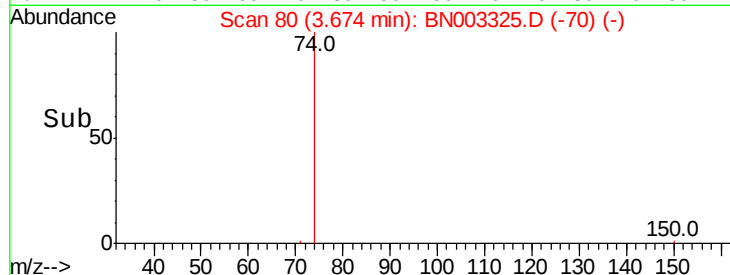
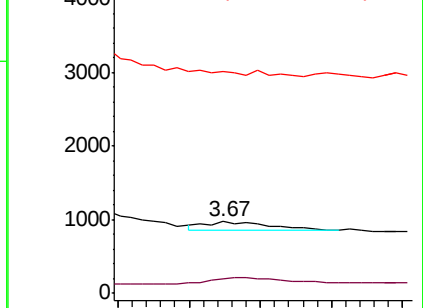
44 0.0 4.2 6.4#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.029 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

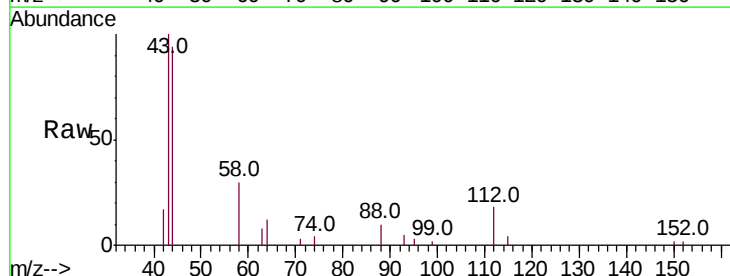
Tgt Ion: 112 Resp: 965

Ion Ratio Lower Upper

112 100

64 53.0 44.3 66.5

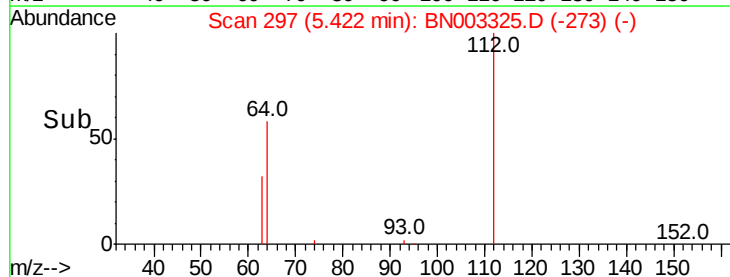
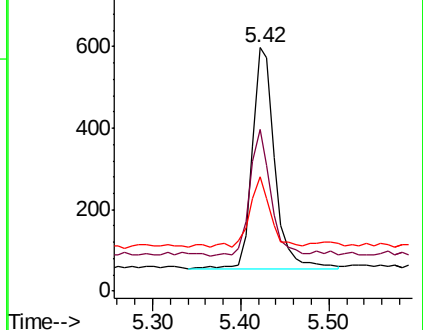
63 27.2 22.4 33.6

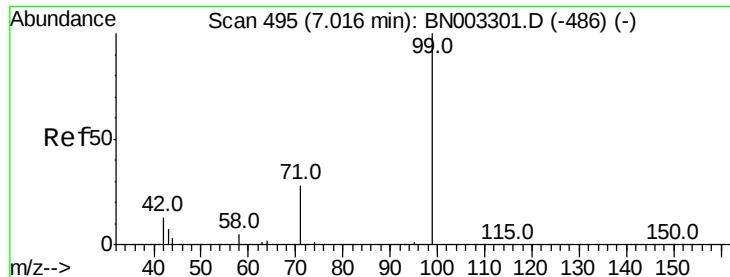


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.028 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampled :

AOC6-01A

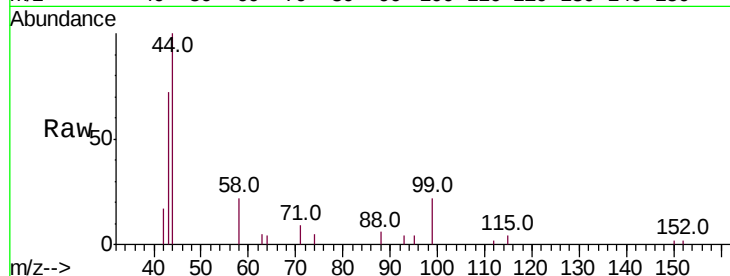
Tot Ion: 99 Resp: 1156

Ion Ratio Lower Upper

99 100

42 0.0 14.8 22.2#

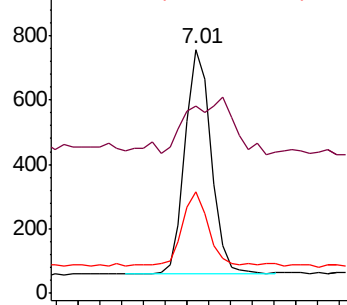
71 34.6 24.8 37.2



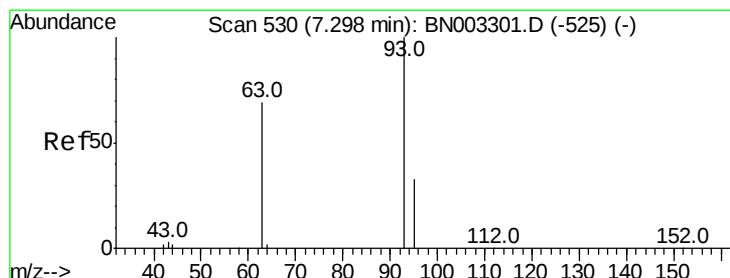
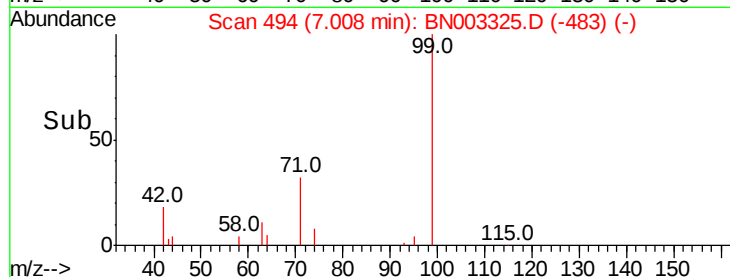
Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.026 ng

RT: 7.29 min Scan# 529

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

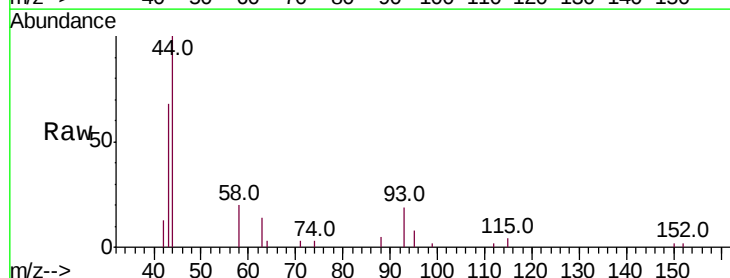
Tgt Ion: 93 Resp: 962

Ion Ratio Lower Upper

93 100

63 70.2 55.8 83.6

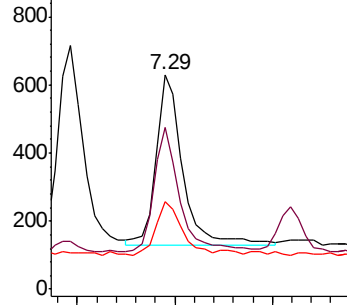
95 31.4 25.4 38.2



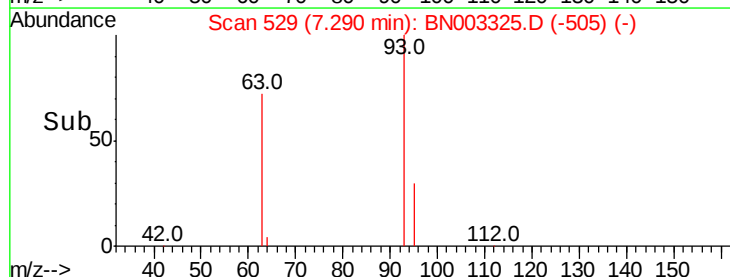
Abundance Ion 93.00 (92.70 to 93.70): BN0

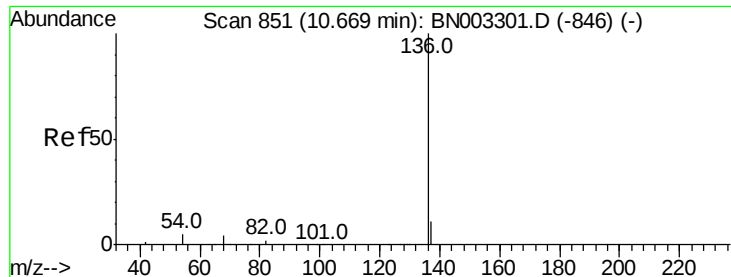
Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

Tot Ion:136 Resp: 55759

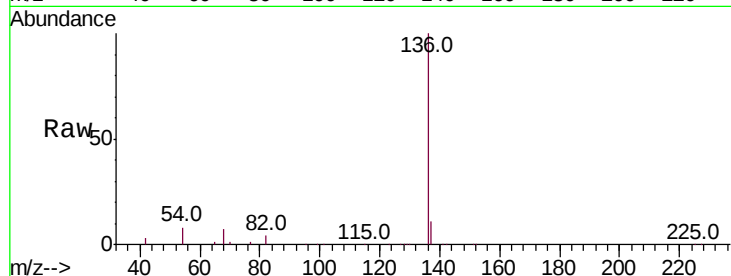
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.3 4.1 6.1#

68 6.6 3.5 5.3#

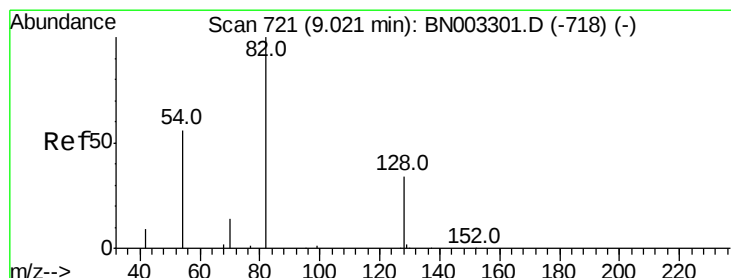
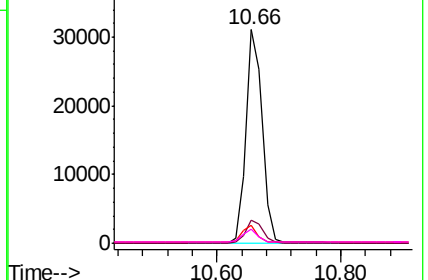
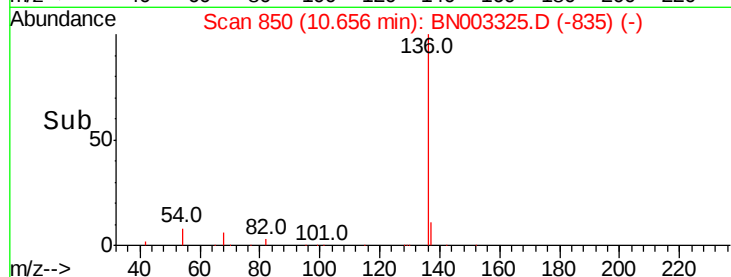


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.033 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

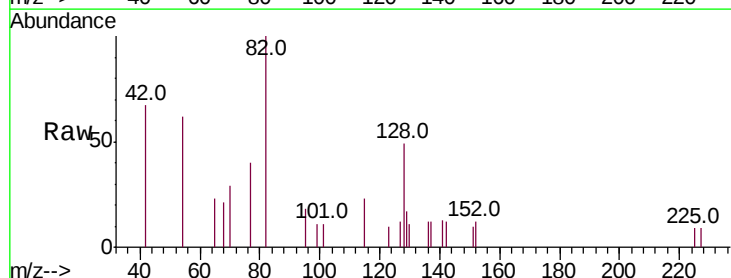
Tgt Ion: 82 Resp: 796

Ion Ratio Lower Upper

82 100

128 49.1 28.9 43.3#

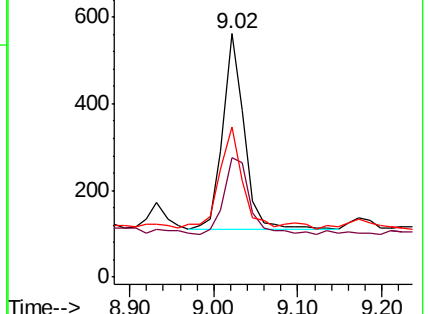
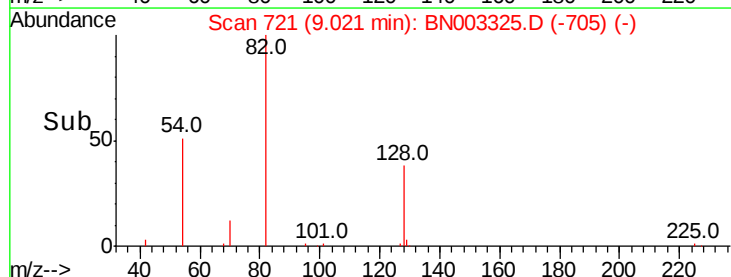
54 61.6 46.1 69.1

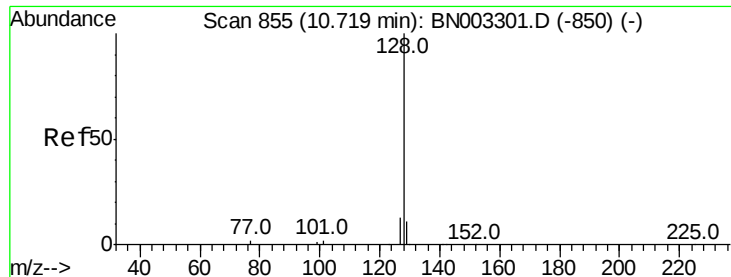


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.028 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

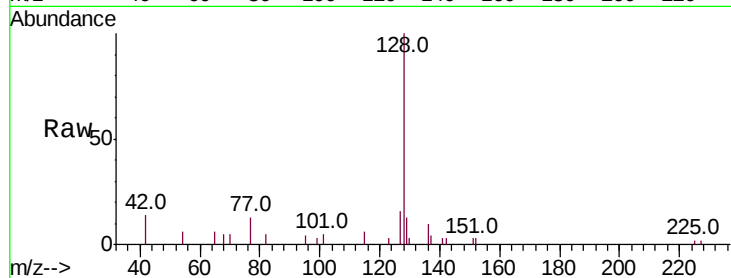
Tot Ion:128 Resp: 3788

Ion Ratio Lower Upper

128 100

129 13.2 9.1 13.7

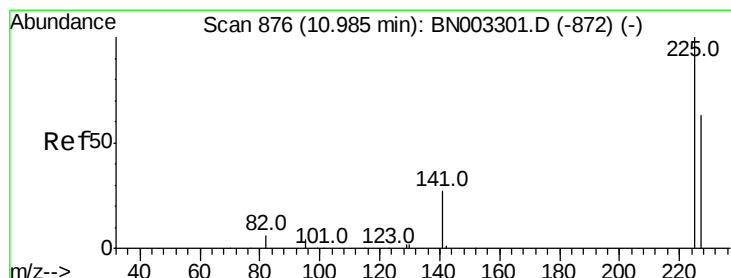
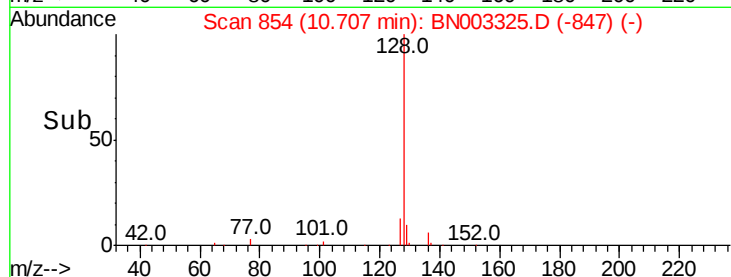
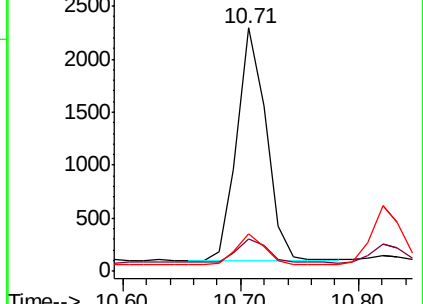
127 15.6 10.2 15.4#



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



#10

Hexachlorobutadiene

Concen: 0.022 ng

RT: 10.99 min Scan# 876

Delta R.T. 0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

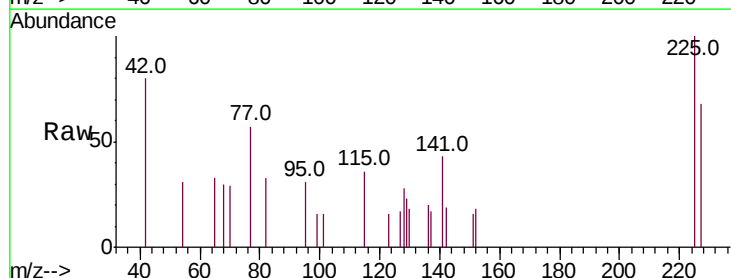
Tgt Ion:225 Resp: 549

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

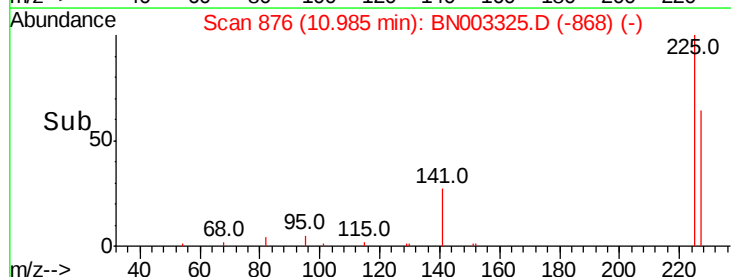
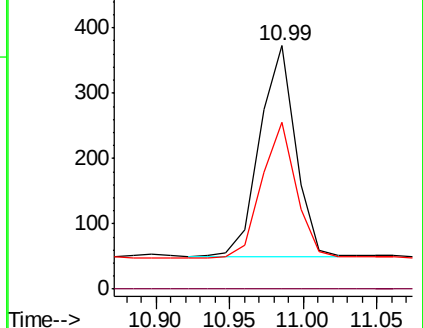
227 62.5 51.3 76.9

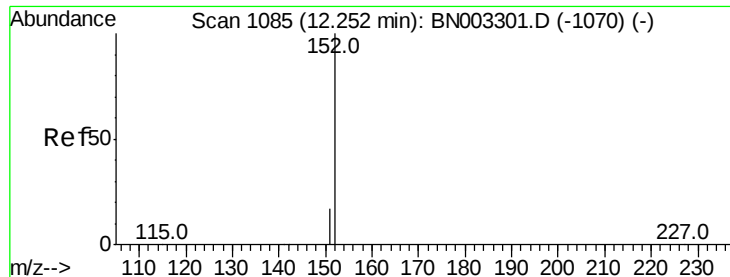


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

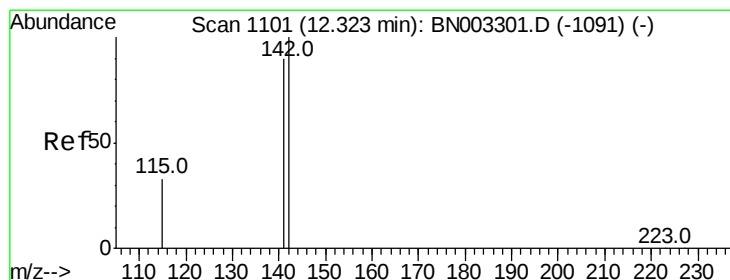
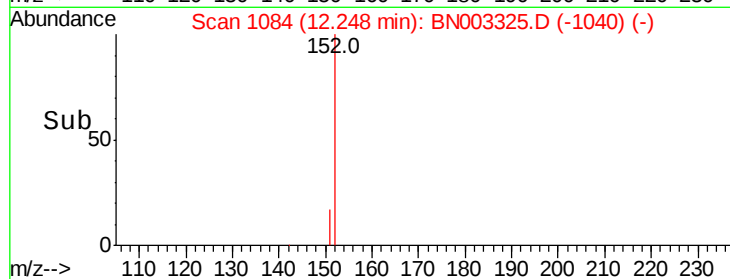
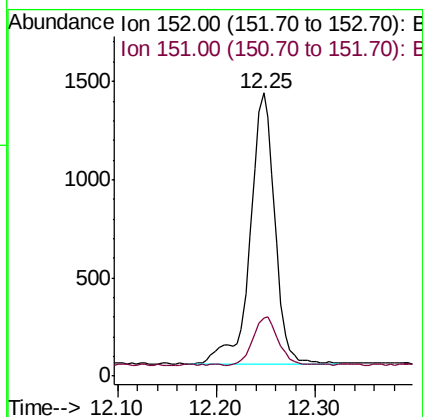
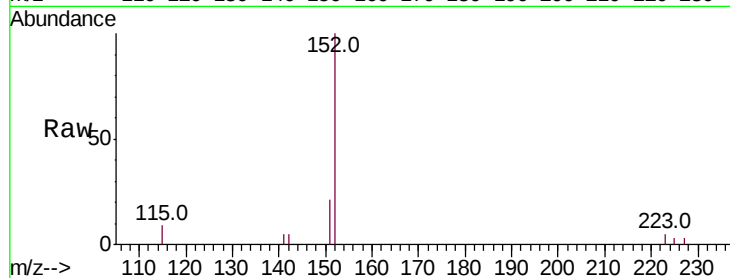




#11
2-Methylnaphthalene-d10
Concen: 0.026 ng
RT: 12.25 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BN003325.D
Acq: 27 Oct 2018 03:10

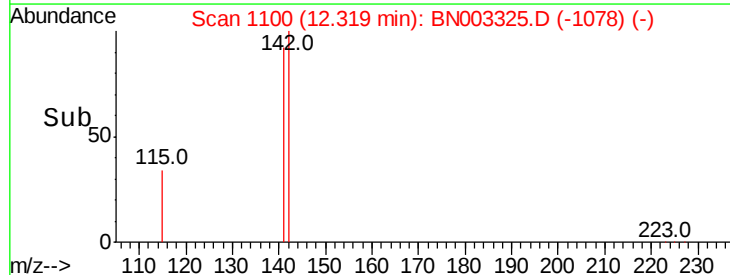
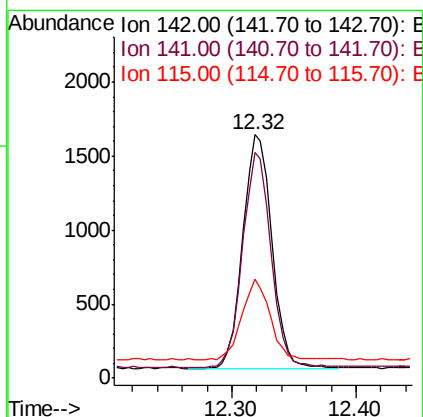
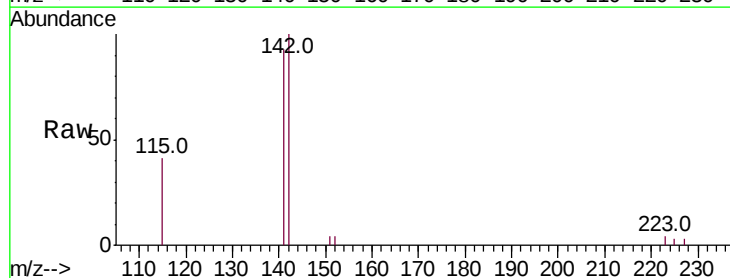
Instrument :
BNA_N
ClientSampleId :
AOC6-01A

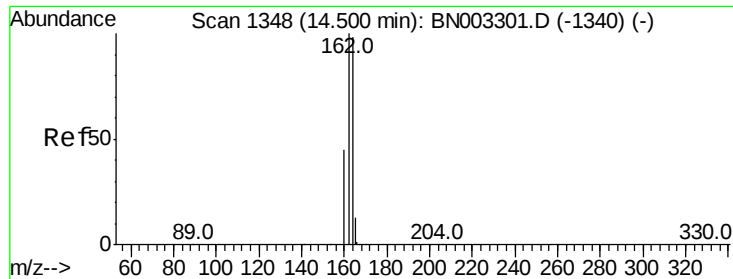
Tot Ion:152 Resp: 2400
Ion Ratio Lower Upper
152 100
151 17.9 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.027 ng
RT: 12.32 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BN003325.D
Acq: 27 Oct 2018 03:10

Tgt Ion:142 Resp: 2567
Ion Ratio Lower Upper
142 100
141 92.6 71.9 107.9
115 40.5 27.0 40.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

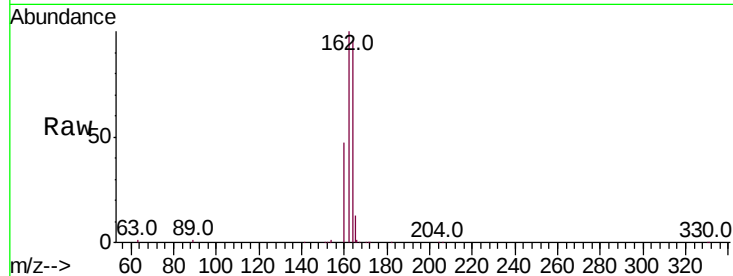
Tot Ion:164 Resp: 31760

Ion Ratio Lower Upper

164 100

162 104.6 81.8 122.6

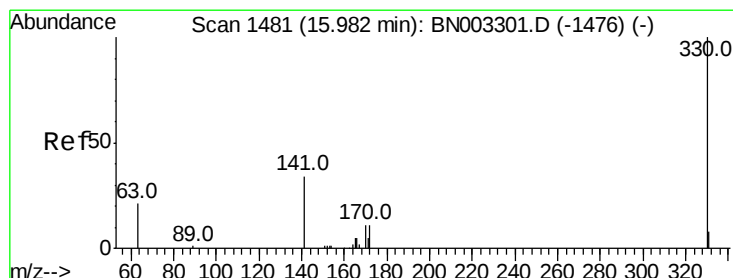
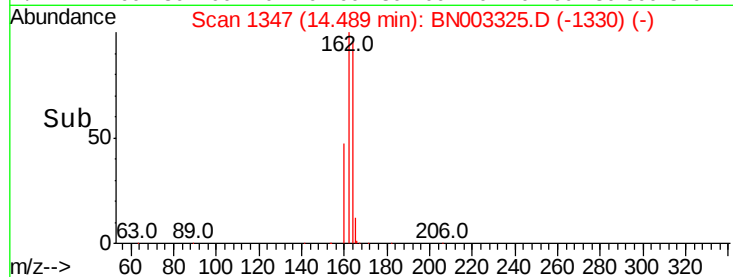
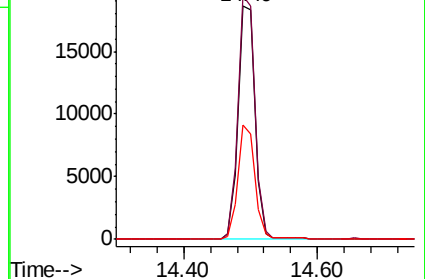
160 49.2 37.2 55.8



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: 0.026 ng

RT: 15.98 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

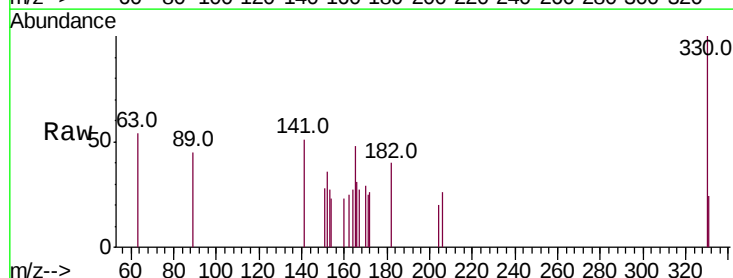
Tgt Ion:330 Resp: 329

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

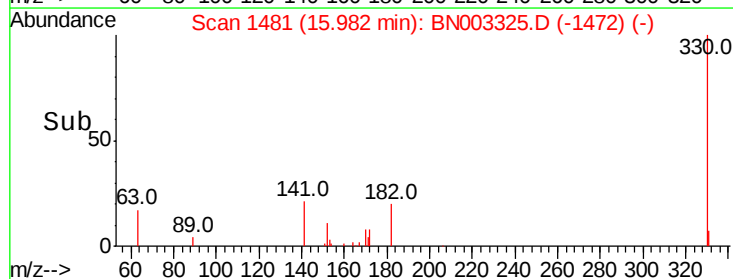
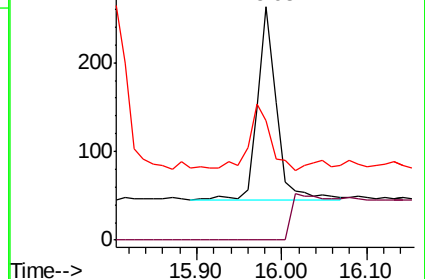
141 41.6 28.3 42.5

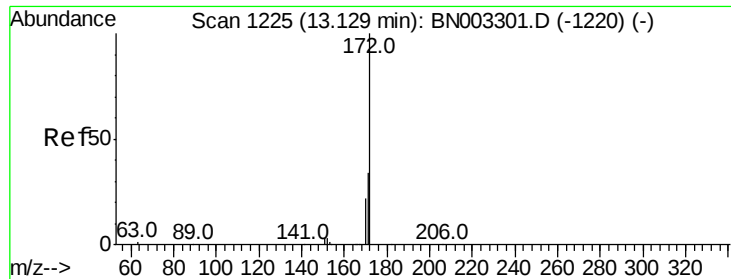


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

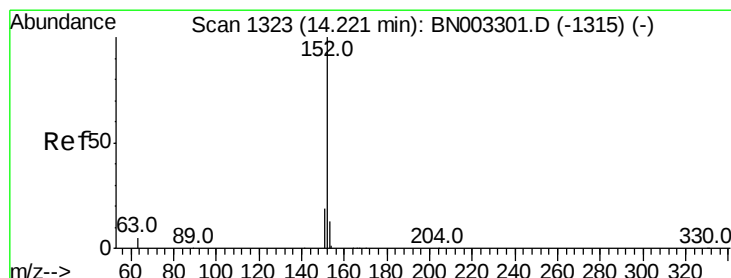
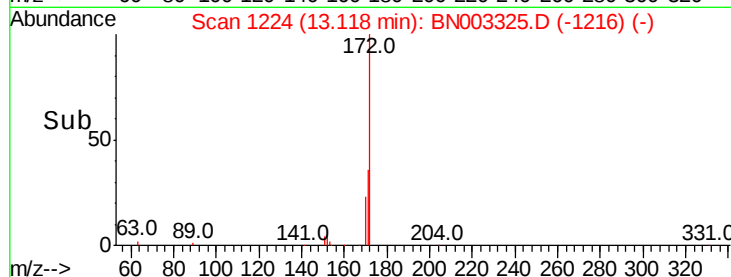
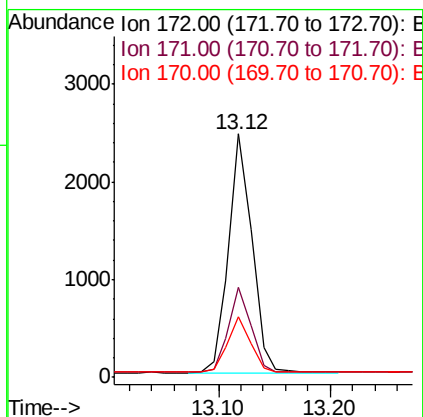
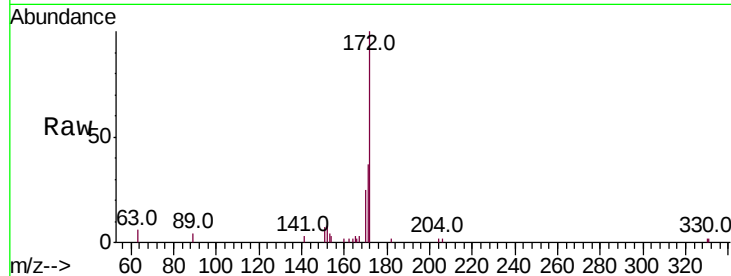




#15
2-Fluorobiphenyl
Concen: 0.026 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003325.D
Acq: 27 Oct 2018 03:10

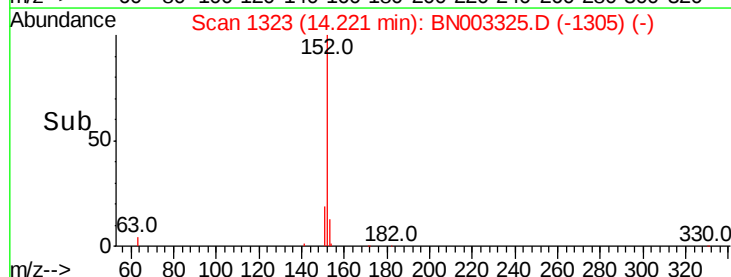
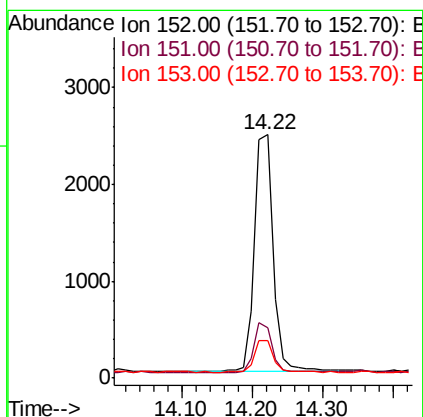
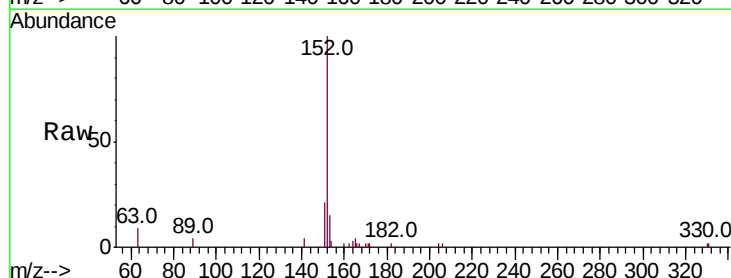
Instrument :
BNA_N
ClientSampleId :
AOC6-01A

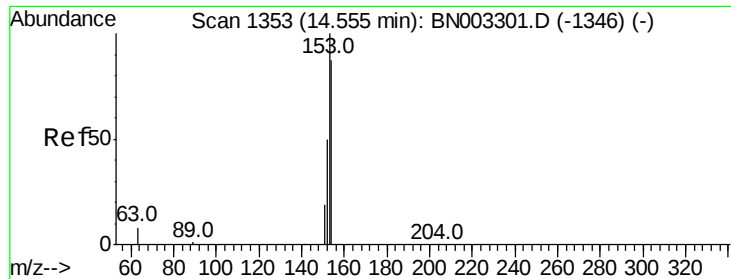
Tot Ion:172 Resp: 3531
Ion Ratio Lower Upper
172 100
171 37.0 27.1 40.7
170 25.1 17.4 26.0



#16
Acenaphthylene
Concen: 0.031 ng
RT: 14.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN003325.D
Acq: 27 Oct 2018 03:10

Tgt Ion:152 Resp: 4418
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.6 10.6 15.8





#17

Acenaphthene

Concen: 0.023 ng

RT: 14.56 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

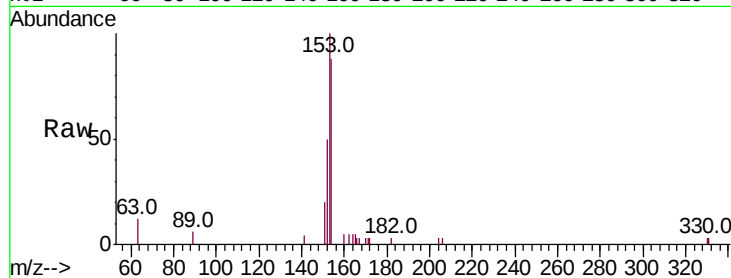
Tot Ion:154 Resp: 2262

Ion Ratio Lower Upper

154 100

153 113.9 88.9 133.3

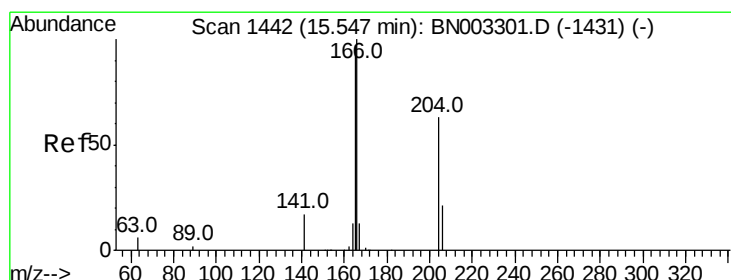
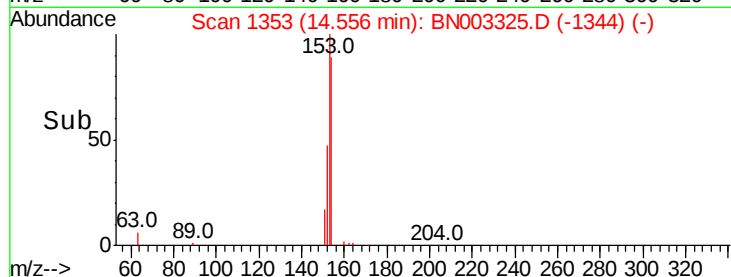
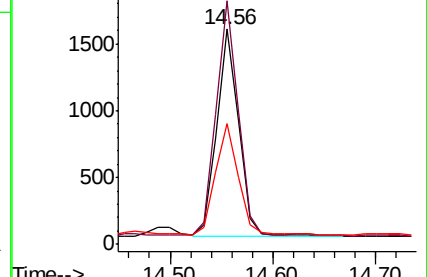
152 56.9 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.025 ng

RT: 15.54 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

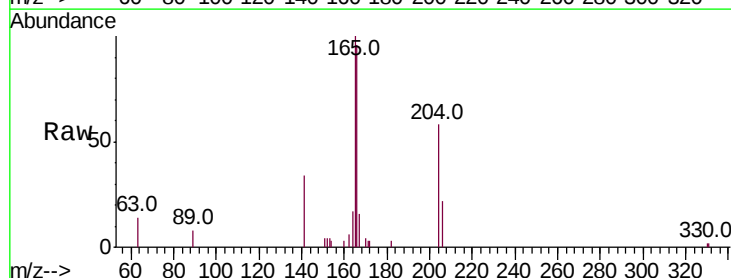
Tgt Ion:166 Resp: 3126

Ion Ratio Lower Upper

166 100

165 101.6 77.8 116.8

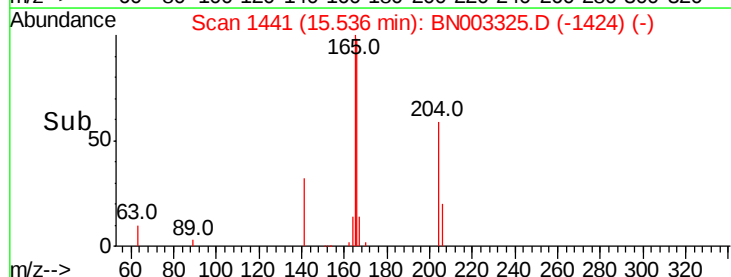
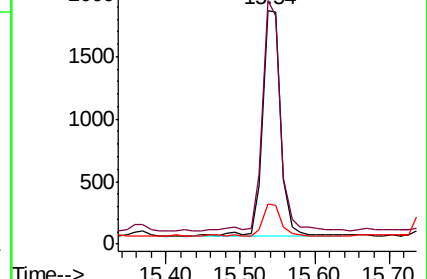
167 14.5 10.9 16.3

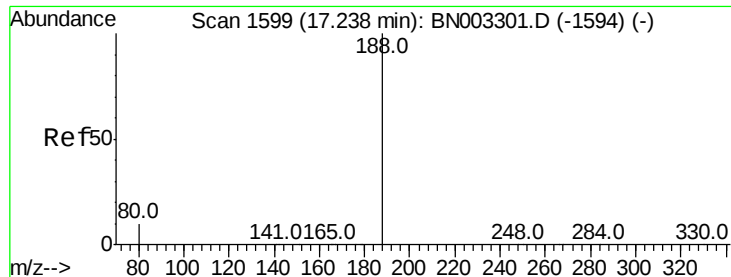


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

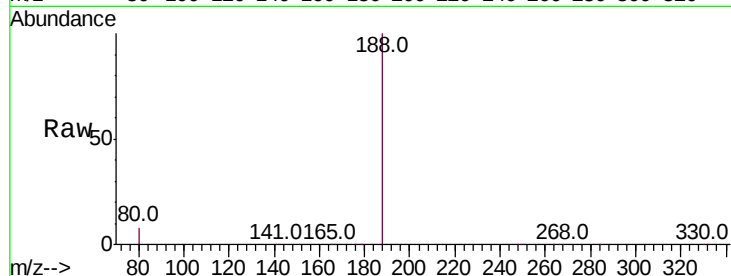
Tot Ion:188 Resp: 78535

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

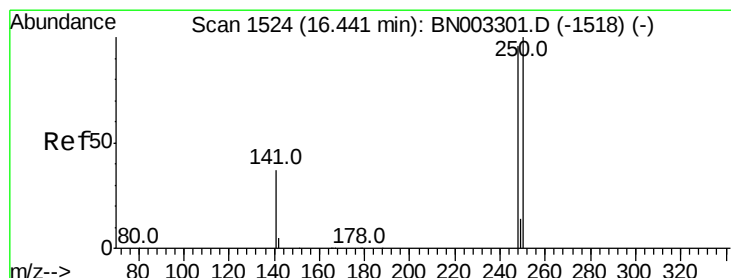
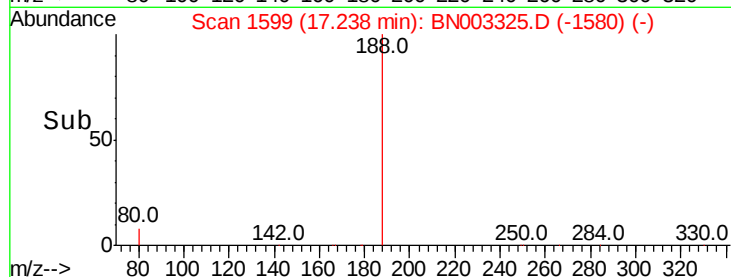
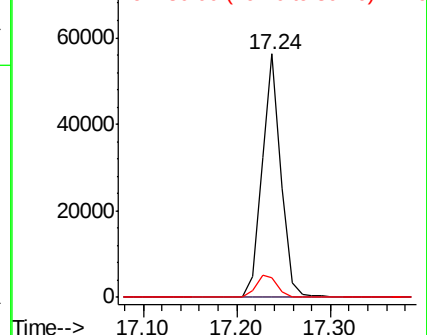
80 8.3 8.6 12.8#



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



#20

4-Bromophenyl-phenylether

Concen: 0.022 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

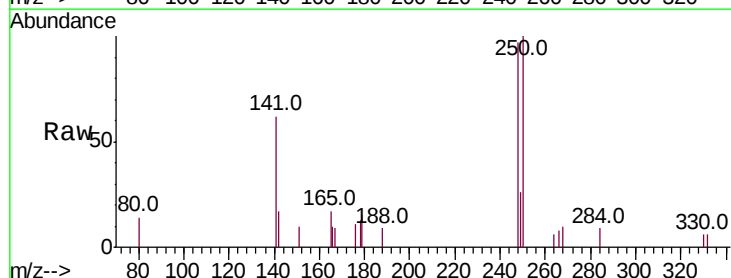
Tgt Ion:248 Resp: 988

Ion Ratio Lower Upper

248 100

250 102.7 83.7 125.5

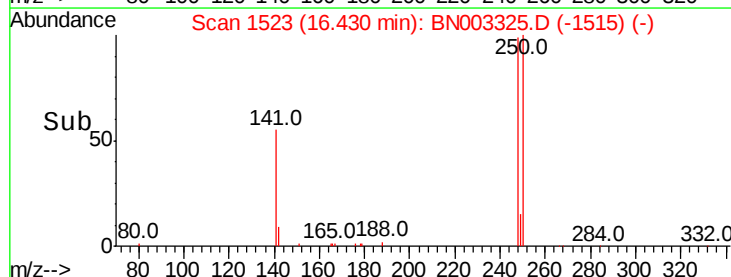
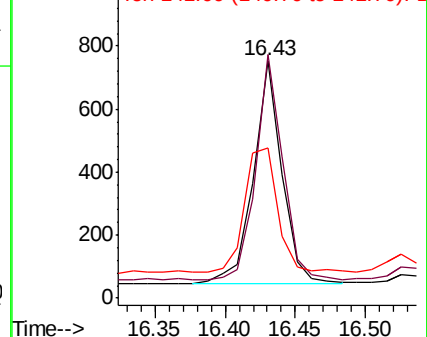
141 63.5 31.4 47.0#

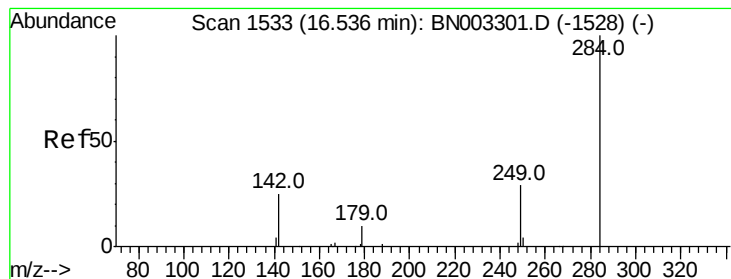


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.022 ng

RT: 16.54 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

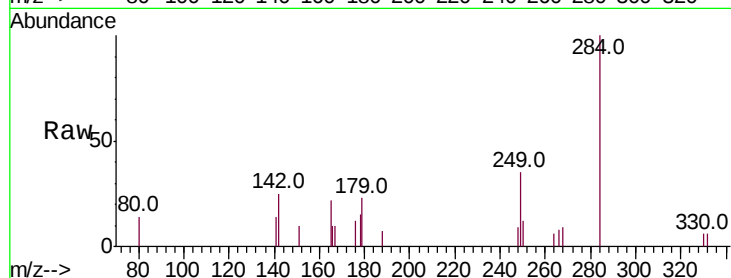
Tot Ion:284 Resp: 1057

Ion Ratio Lower Upper

284 100

142 37.2 29.7 44.5

249 31.0 24.0 36.0

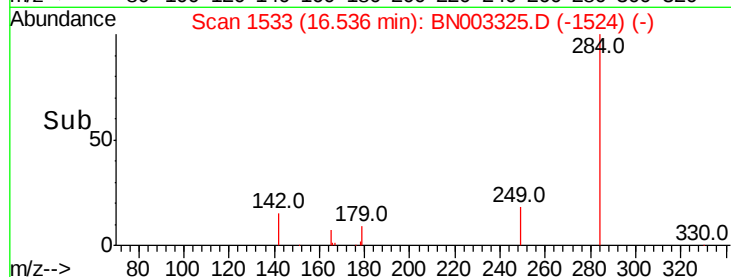


Abundance Ion 283.80 (283.50 to 284.50): E

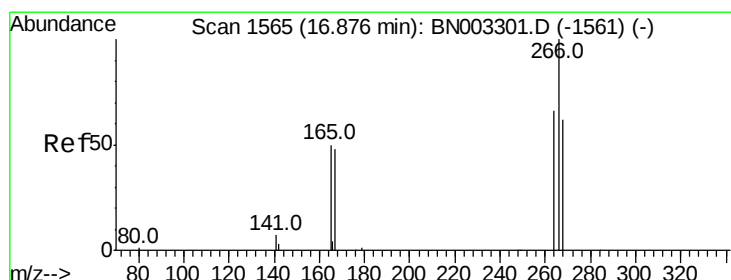
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.54



Time-->



#22

Pentachlorophenol

Concen: 0.018 ng

RT: 16.88 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

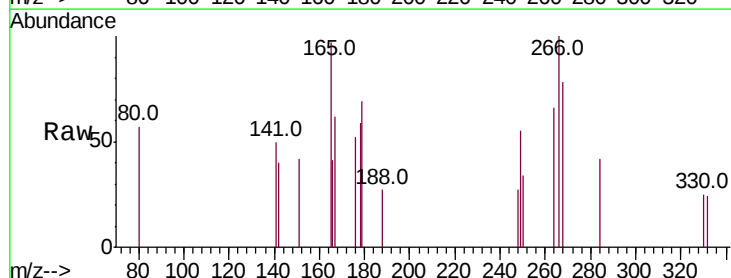
Tgt Ion:266 Resp: 235

Ion Ratio Lower Upper

266 100

264 66.1 52.1 78.1

268 78.5 51.8 77.6#

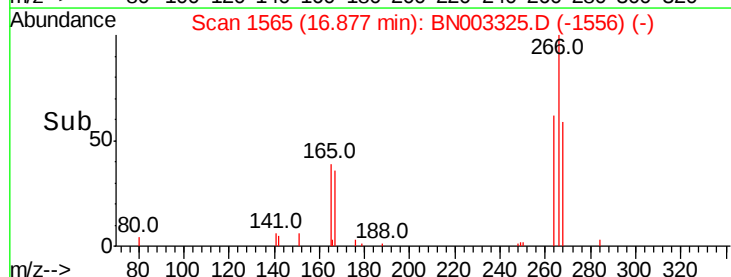


Abundance Ion 266.00 (265.70 to 266.70): E

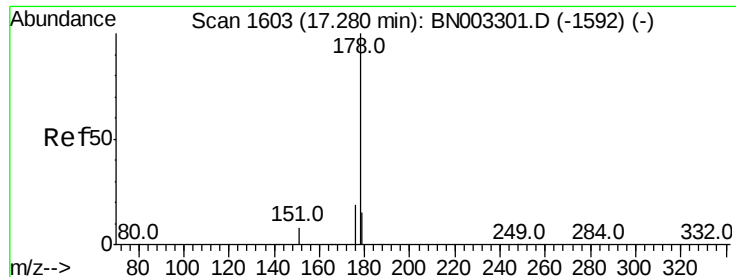
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.88



Time-->



#23

Phenanthrene

Concen: 0.039 ng

RT: 17.28 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

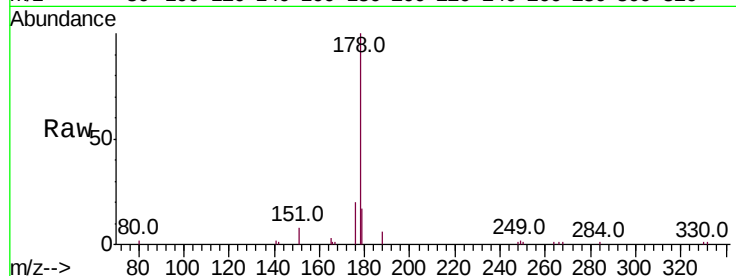
Tot Ion:178 Resp: 8351

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

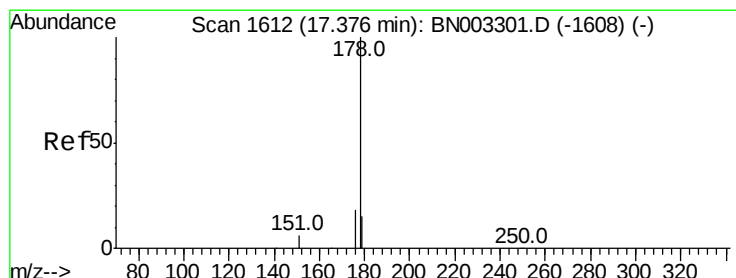
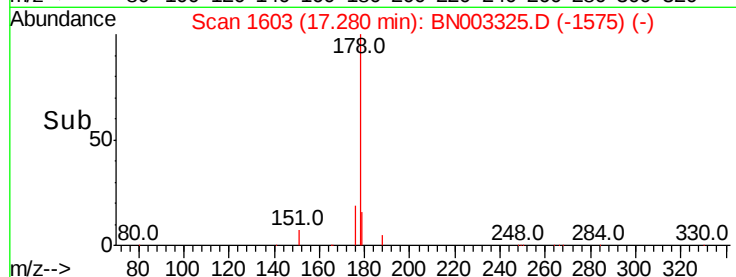
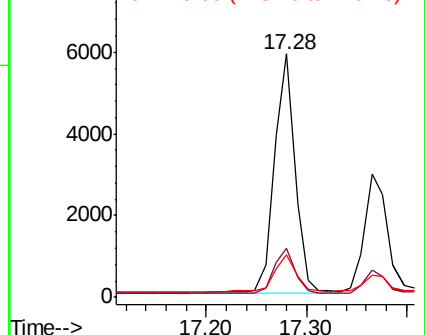
179 16.3 12.4 18.6



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



#24

Anthracene

Concen: 0.026 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

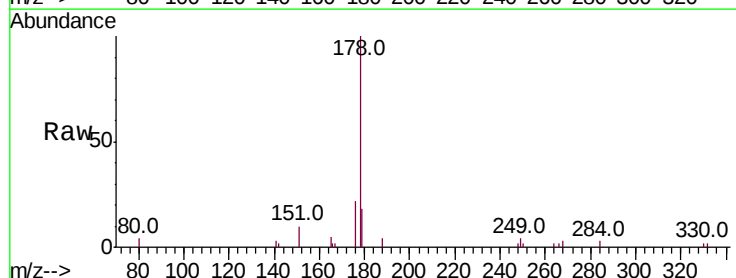
Tgt Ion:178 Resp: 4722

Ion Ratio Lower Upper

178 100

176 18.7 14.5 21.7

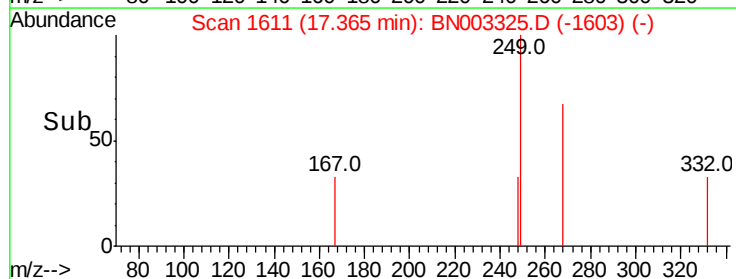
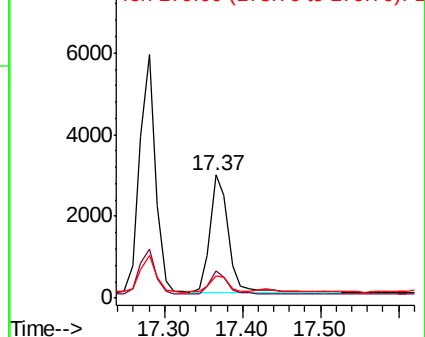
179 15.2 12.2 18.4

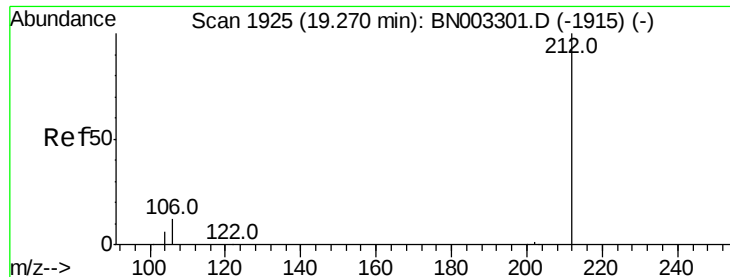


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.022 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

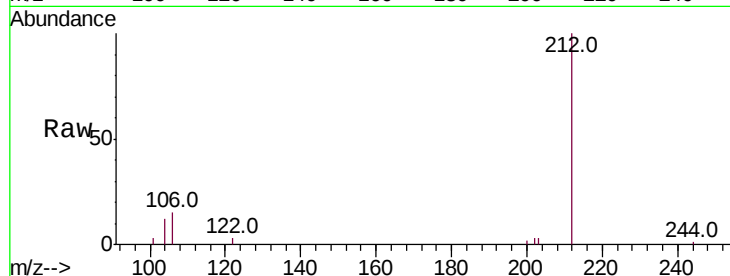
Tot Ion:212 Resp: 5114

Ion Ratio Lower Upper

212 100

106 12.8 10.3 15.5

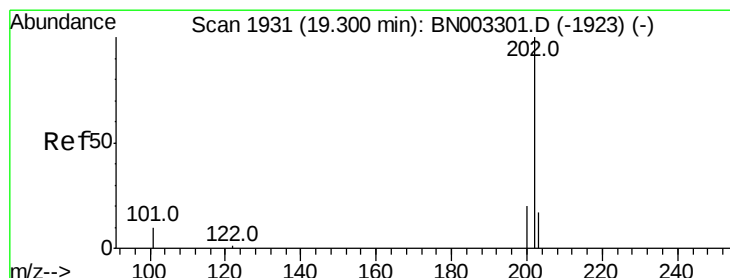
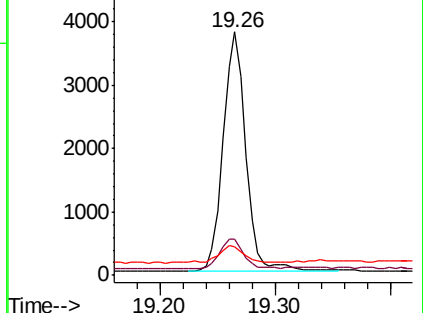
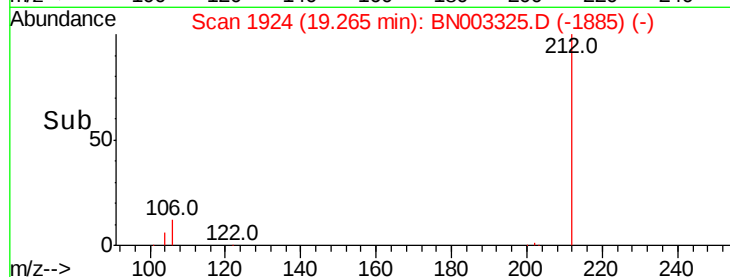
104 8.2 5.6 8.4



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: 0.060 ng

RT: 19.29 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

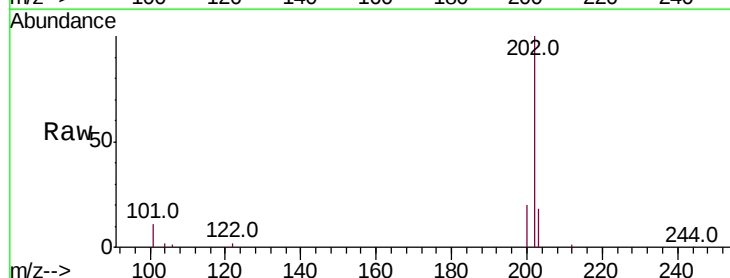
Tgt Ion:202 Resp: 14826

Ion Ratio Lower Upper

202 100

101 11.9 9.0 13.4

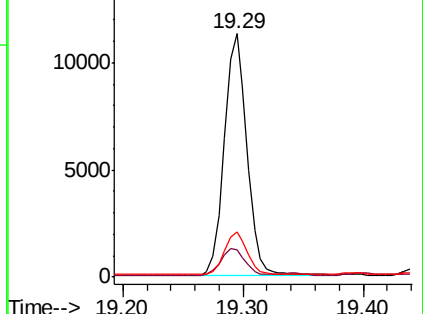
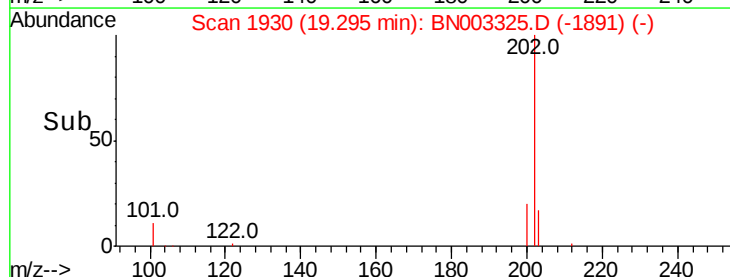
203 17.6 13.8 20.6

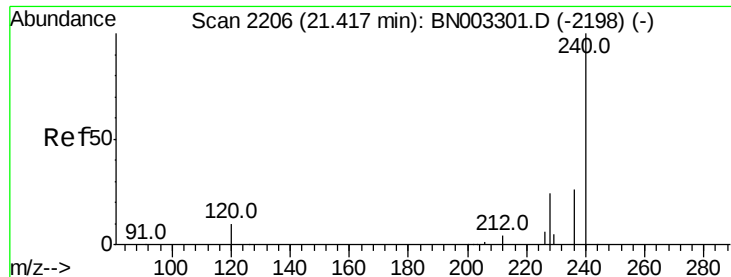


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

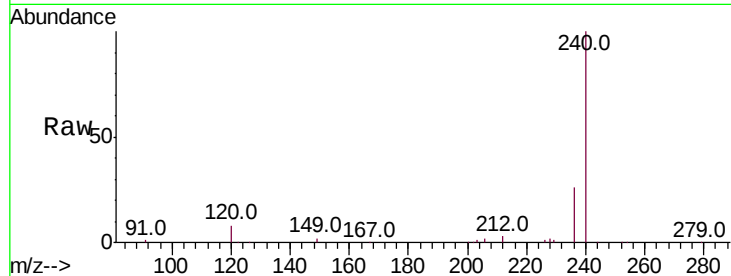




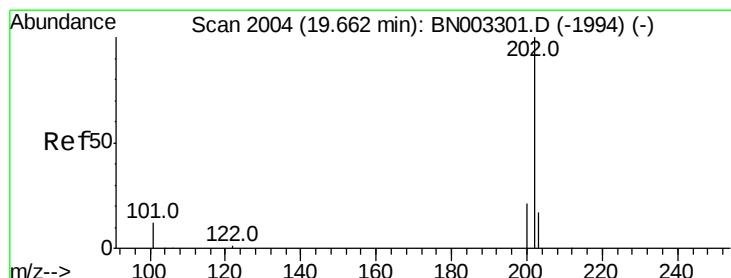
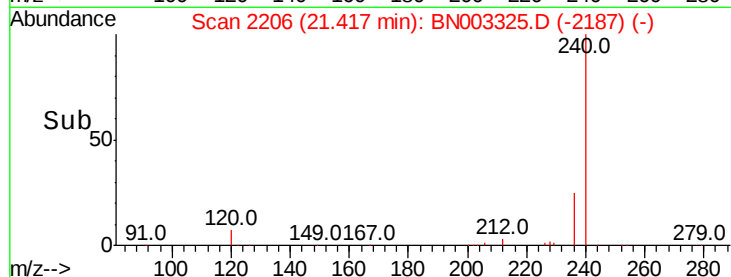
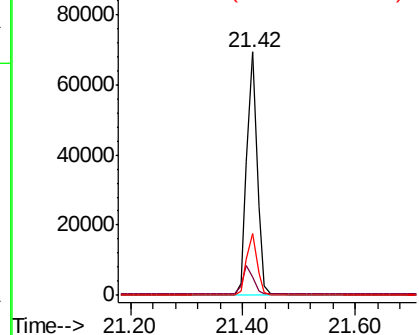
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BN003325.D
Acq: 27 Oct 2018 03:10

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tot Ion:240 Resp: 89803
Ion Ratio Lower Upper
240 100
120 7.6 9.3 13.9#
236 25.6 21.0 31.4

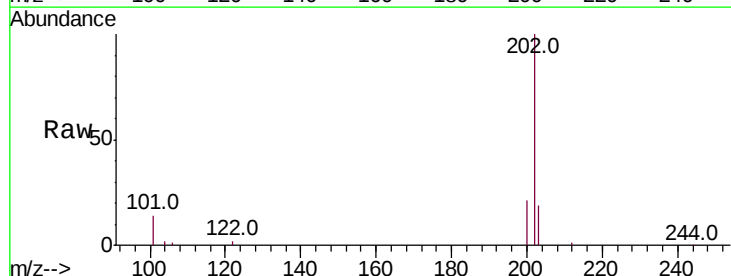


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

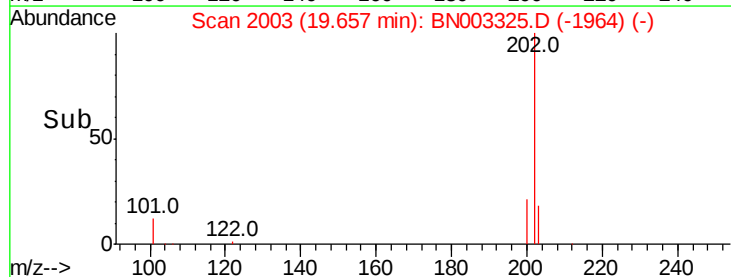
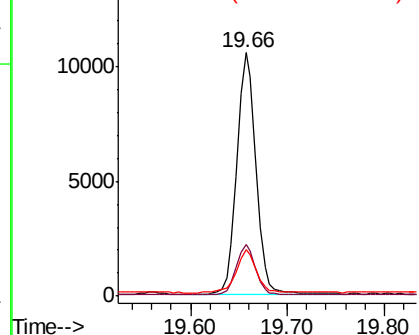


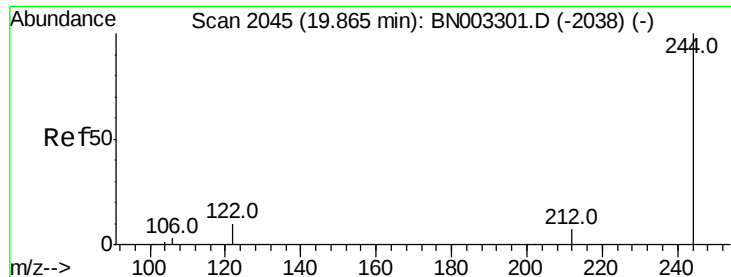
#28
Pyrene
Concen: 0.059 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BN003325.D
Acq: 27 Oct 2018 03:10

Tgt Ion:202 Resp: 14553
Ion Ratio Lower Upper
202 100
200 20.8 16.5 24.7
203 18.6 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: 0.029 ng

RT: 19.86 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

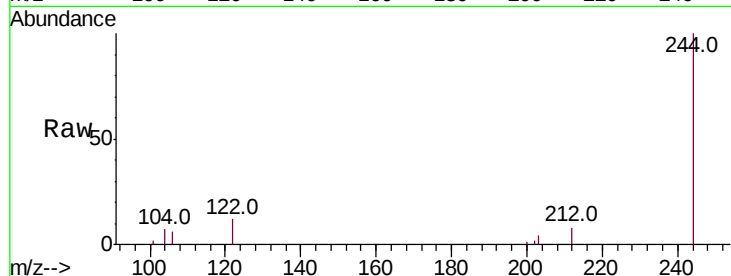
Tot Ion:244 Resp: 6011

Ion Ratio Lower Upper

244 100

212 7.9 5.6 8.4

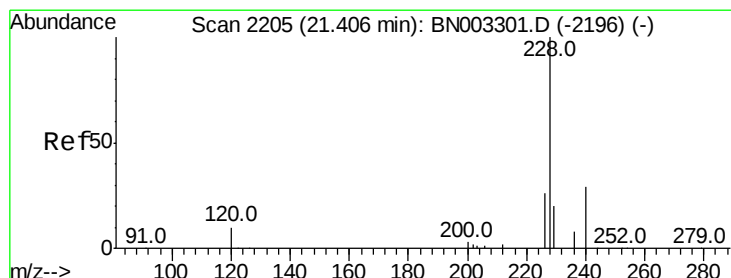
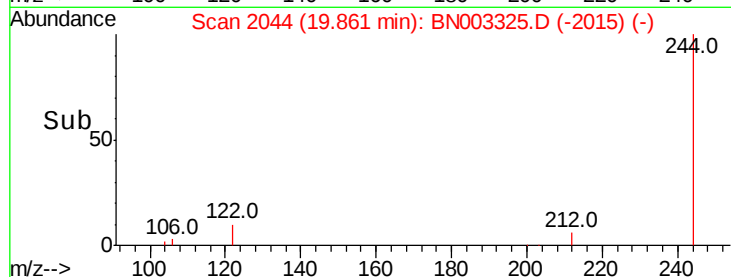
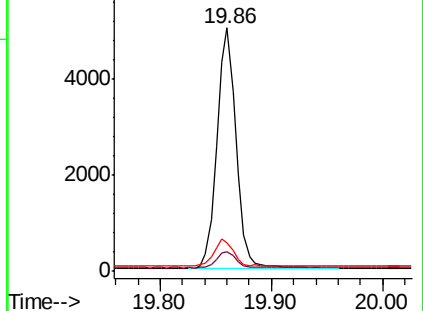
122 11.8 8.5 12.7



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: 0.048 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

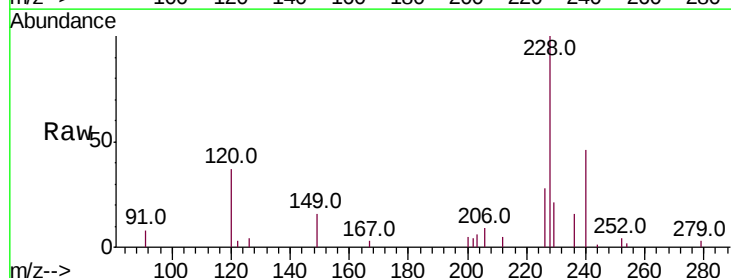
Tgt Ion:228 Resp: 11288

Ion Ratio Lower Upper

228 100

226 28.2 20.8 31.2

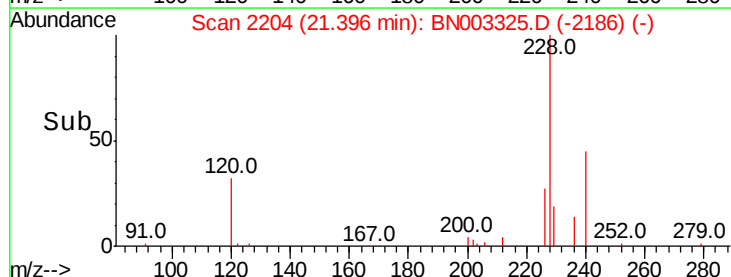
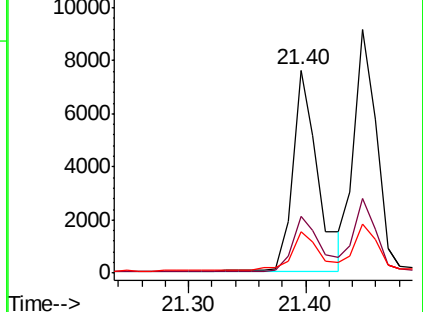
229 20.6 16.1 24.1

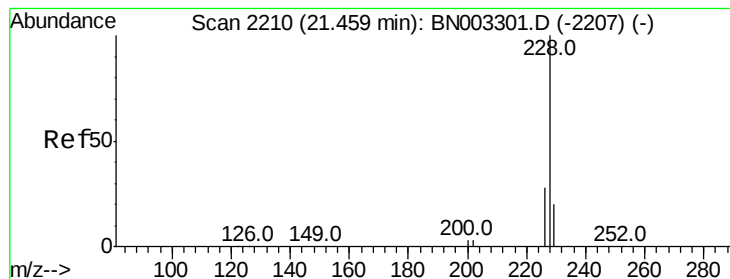


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.047 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

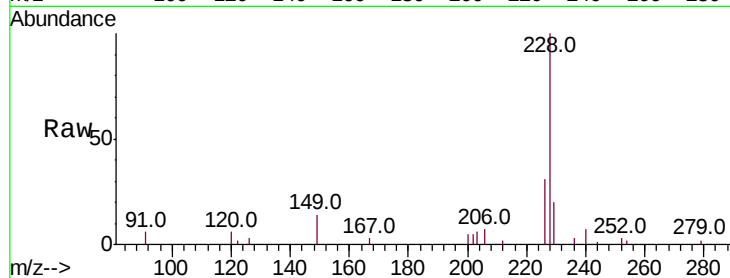
Tot Ion:228 Resp: 11976

Ion Ratio Lower Upper

228 100

226 30.6 22.7 34.1

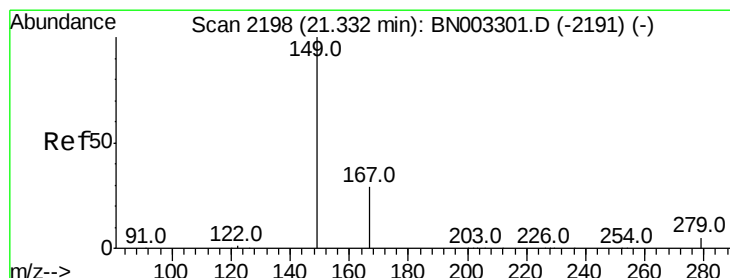
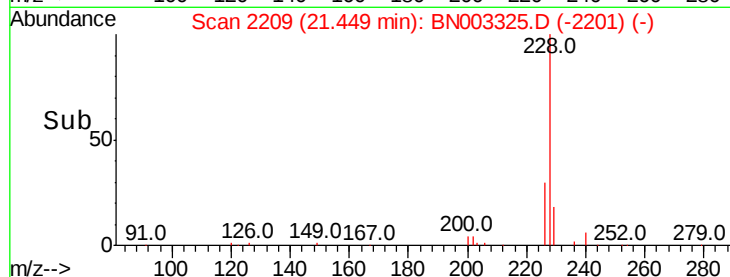
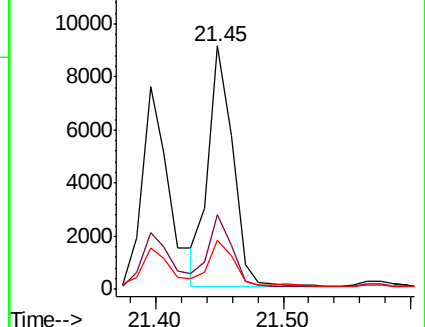
229 20.2 16.0 24.0



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: 0.053 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

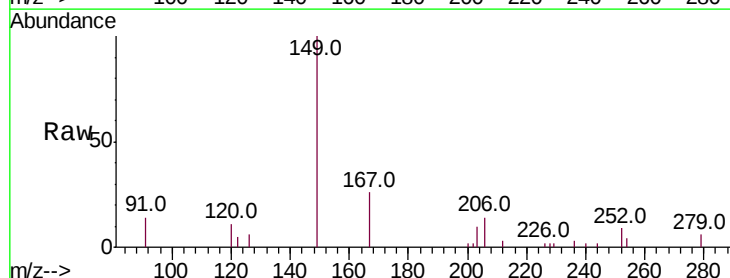
Tgt Ion:149 Resp: 3671

Ion Ratio Lower Upper

149 100

167 26.5 22.4 33.6

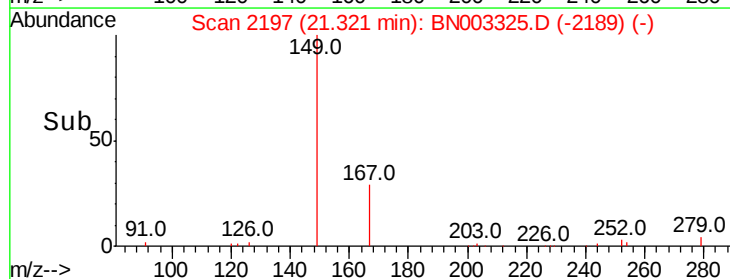
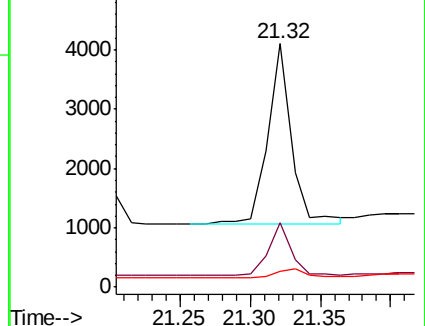
279 5.9 3.9 5.9#

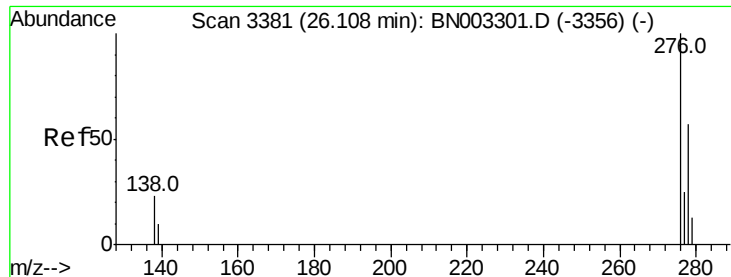


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.039 ng

RT: 26.09 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

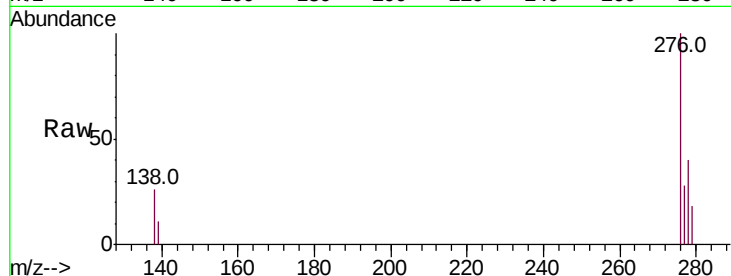
Tot Ion:276 Resp: 10129

Ion Ratio Lower Upper

276 100

138 22.6 20.6 30.8

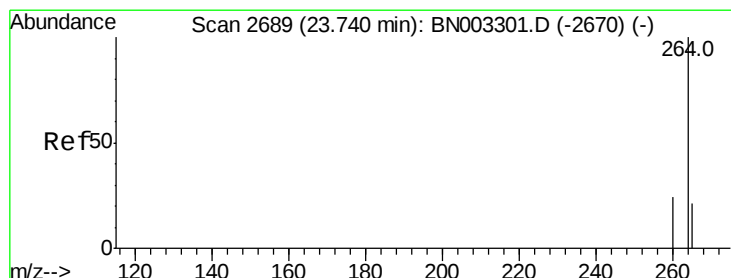
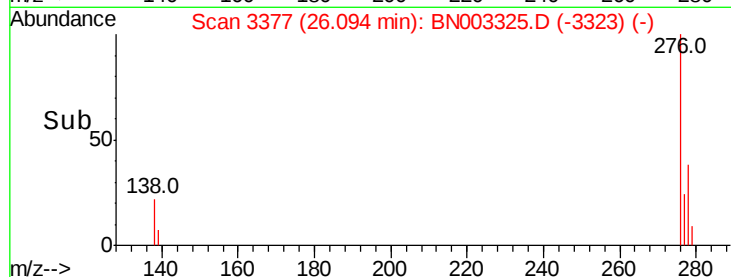
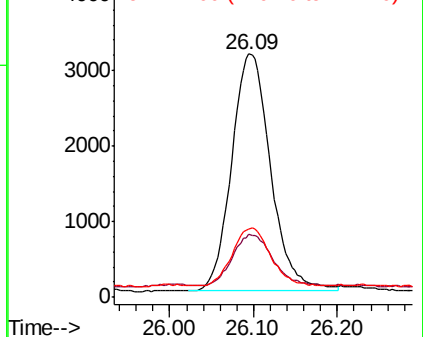
277 23.9 20.0 30.0



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: 23.74 min Scan# 2688

Delta R.T. -0.00 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

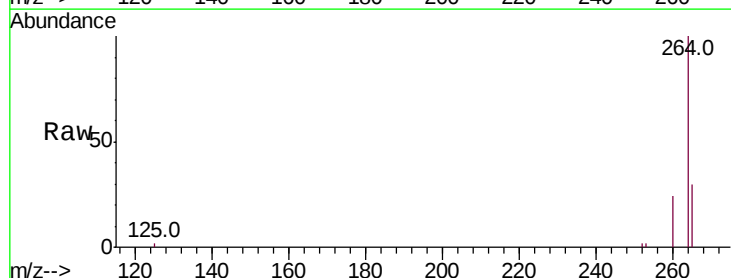
Tgt Ion:264 Resp: 86867

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

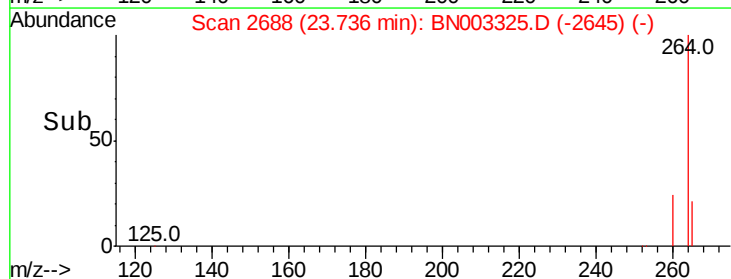
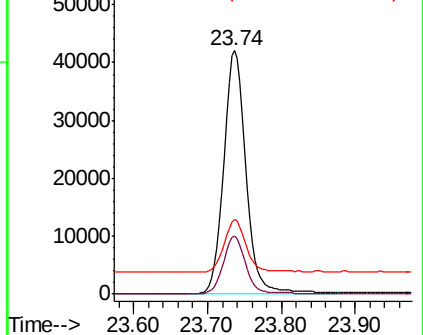
265 30.4 26.4 39.6

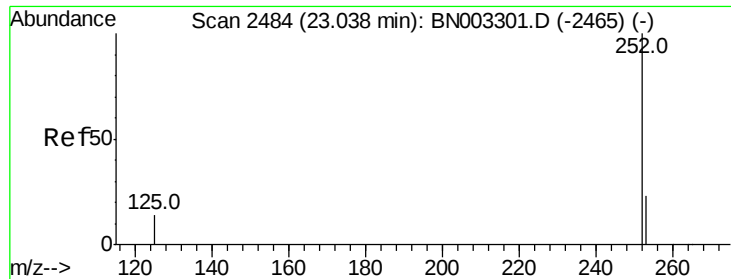


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

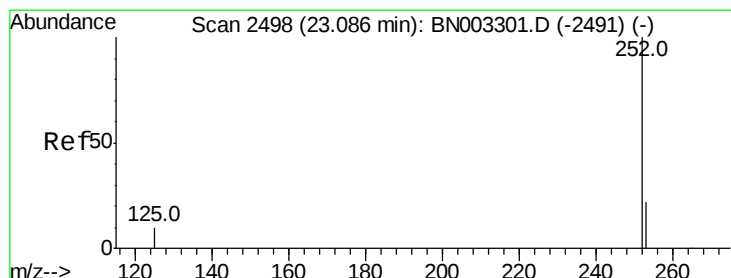
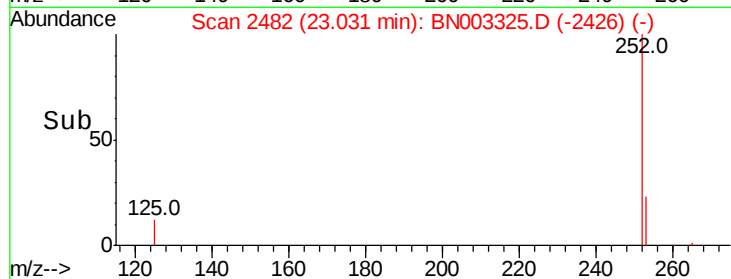
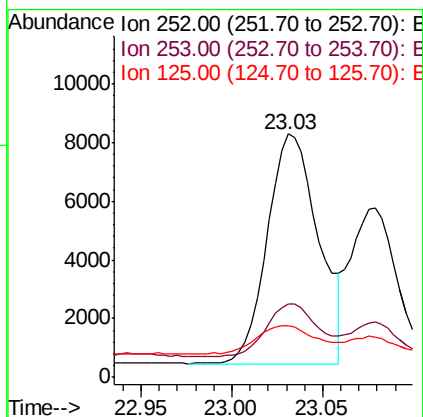
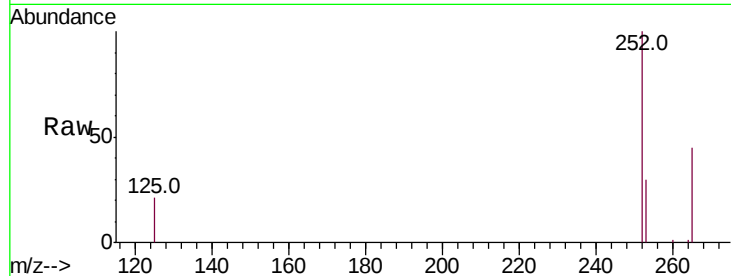




#35
Benzo(b)fluoranthene
Concen: 0.057 ng
RT: 23.03 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BN003325.D
Acq: 27 Oct 2018 03:10

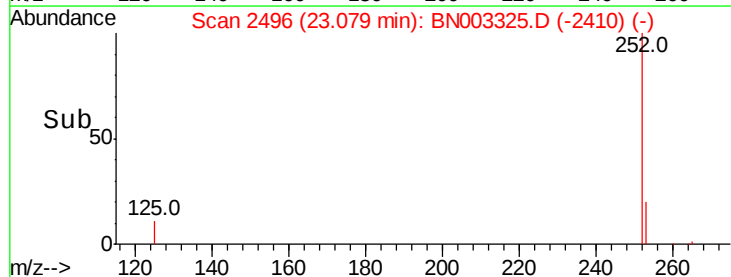
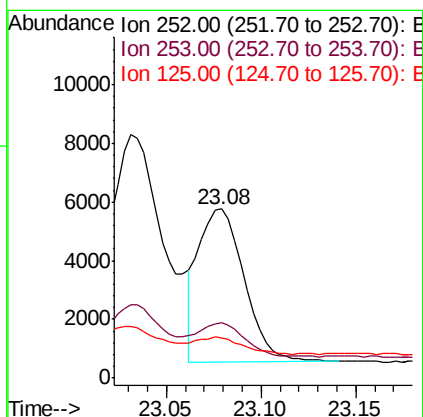
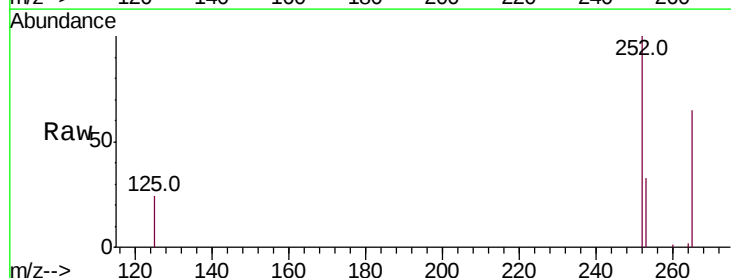
Instrument :
BNA_N
ClientSampleId :
AOC6-01A

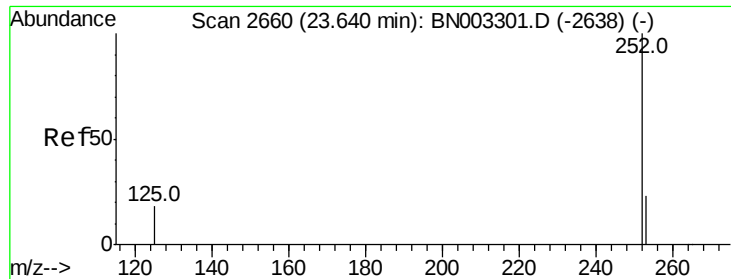
Tot Ion:252 Resp: 15343
Ion Ratio Lower Upper
252 100
253 30.4 19.3 28.9#
125 21.4 12.7 19.1#



#36
Benzo(k)fluoranthene
Concen: 0.032 ng
RT: 23.08 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN003325.D
Acq: 27 Oct 2018 03:10

Tgt Ion:252 Resp: 8701
Ion Ratio Lower Upper
252 100
253 32.6 18.5 27.7#
125 23.9 9.1 13.7#





#37

Benzo(a)pyrene

Concen: 0.045 ng

RT: 23.63 min Scan# 2658

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

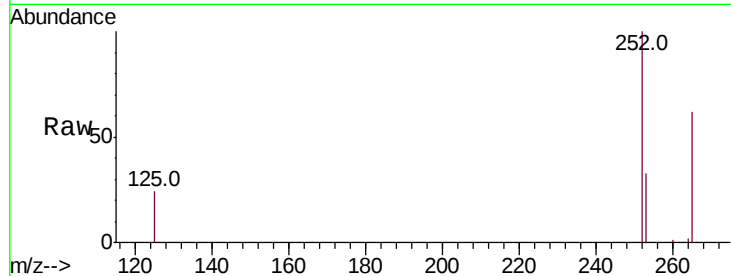
Tot Ion:252 Resp: 11158

Ion Ratio Lower Upper

252 100

253 32.6 20.1 30.1#

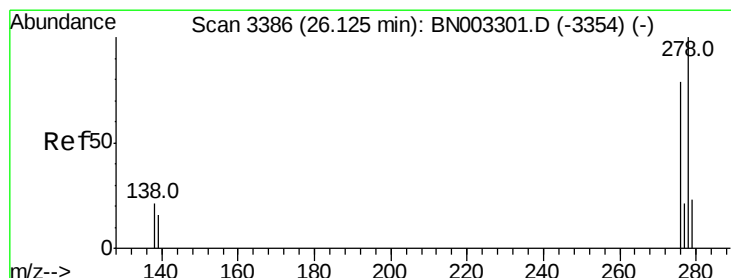
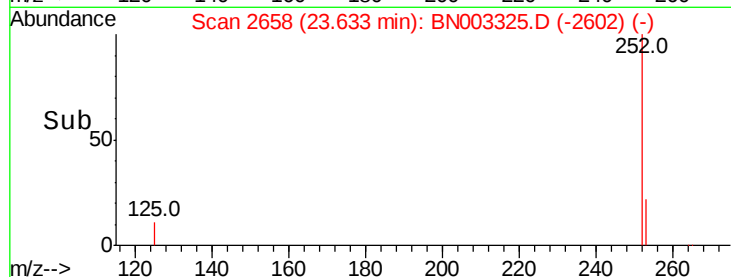
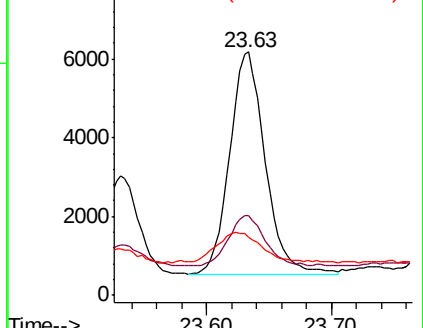
125 23.9 16.0 24.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.025 ng

RT: 26.12 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

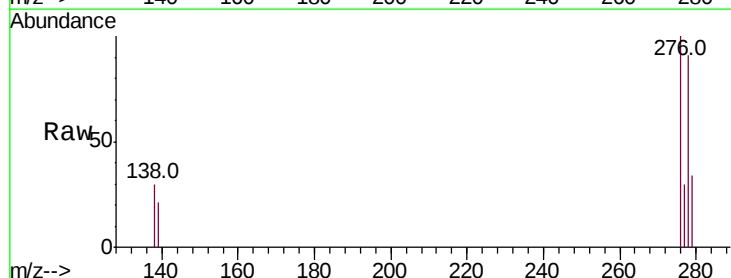
Tgt Ion:278 Resp: 5786

Ion Ratio Lower Upper

278 100

139 23.4 13.5 20.3#

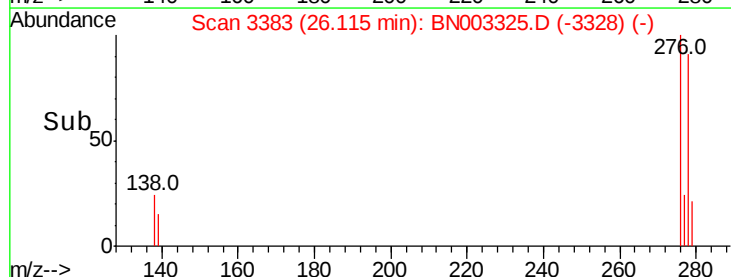
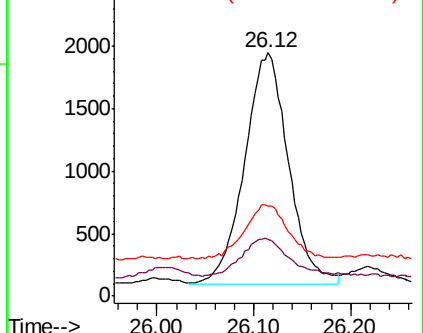
279 37.0 19.8 29.6#

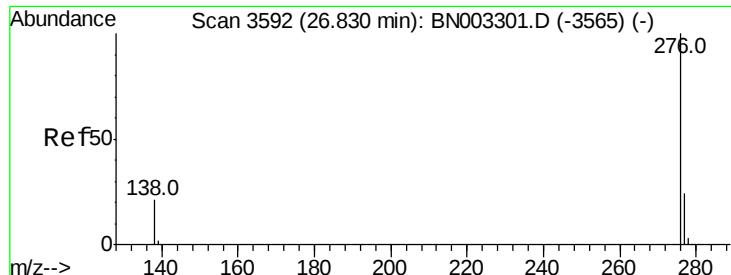


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.042 ng

RT: 26.82 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BN003325.D

Acq: 27 Oct 2018 03:10

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

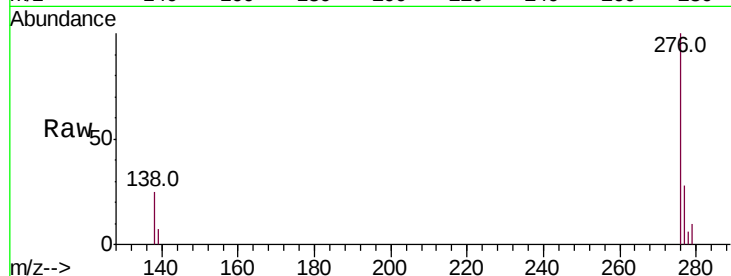
Tot Ion:276 Resp: 9669

Ion Ratio Lower Upper

276 100

277 28.5 19.5 29.3

138 24.9 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

4000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

