

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
 Data File : BN003324.D
 Acq On : 27 Oct 2018 02:35
 Operator : MJ/SJ
 Sample : J5521-02MS 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 AOC6-01A

Quant Time: Oct 27 05:49:48 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	12289	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	51147	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	29401	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	73882	0.40	ng	0.00
27) Chrysene-d12	21.42	240	84373	0.40	ng	0.00
34) Perylene-d12	23.74	264	81809	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	895	0.03	ng	0.00
5) Phenol-d6	7.01	99	1147	0.03	ng	0.00
8) Nitrobenzene-d5	9.02	82	732	0.03	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2223	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	296	0.03	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	3318	0.03	ng	-0.01
25) Fluoranthene-d10	19.26	212	4667	0.02	ng	0.00
29) Terphenyl-d14	19.86	244	5736	0.03	ng	0.00

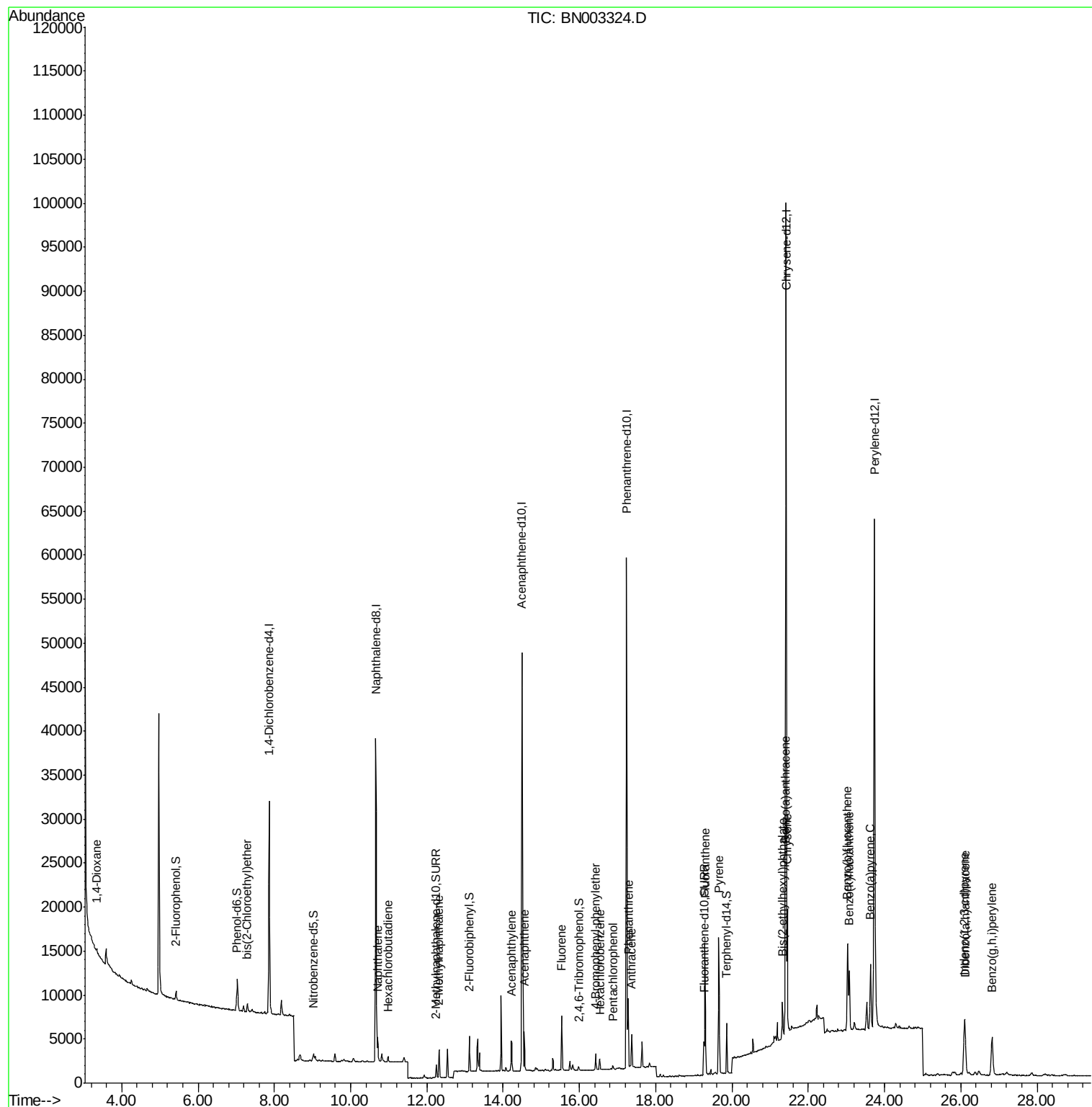
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	514	0.032	ng	# 80
6) bis(2-Chloroethyl)ether	7.29	93	836	0.024	ng	96
9) Naphthalene	10.71	128	3464	0.028	ng	# 93
10) Hexachlorobutadiene	10.99	225	491	0.021	ng	# 96
12) 2-Methylnaphthalene	12.32	142	2350	0.027	ng	97
16) Acenaphthylene	14.21	152	4348	0.033	ng	98
17) Acenaphthene	14.56	154	2075	0.023	ng	95
18) Fluorene	15.54	166	3032	0.027	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	917	0.021	ng	# 86
21) Hexachlorobenzene	16.54	284	964	0.021	ng	99
22) Pentachlorophenol	16.88	266	245	0.020	ng	# 85
23) Phenanthrene	17.28	178	7793	0.038	ng	98
24) Anthracene	17.37	178	4442	0.026	ng	99
26) Fluoranthene	19.29	202	13926	0.060	ng	99
28) Pyrene	19.66	202	13769	0.059	ng	98
30) Benzo(a)anthracene	21.40	228	10563	0.048	ng	96
31) Chrysene	21.45	228	11298	0.047	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	3557	0.054	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.09	276	9828	0.040	ng	96
35) Benzo(b)fluoranthene	23.03	252	14403	0.057	ng	# 87
36) Benzo(k)fluoranthene	23.08	252	8277	0.033	ng	# 75
37) Benzo(a)pyrene	23.63	252	10594	0.046	ng	# 86
38) Dibenzo(a,h)anthracene	26.11	278	5663	0.026	ng	# 78
39) Benzo(g,h,i)perylene	26.82	276	9541	0.044	ng	93

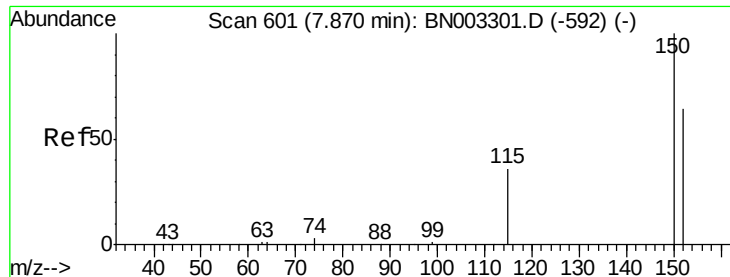
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN003324.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

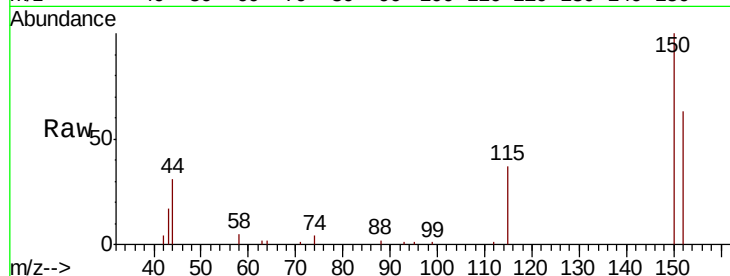
Tgt Ion:152 Resp: 12289

Ion Ratio Lower Upper

152 100

150 158.6 124.6 187.0

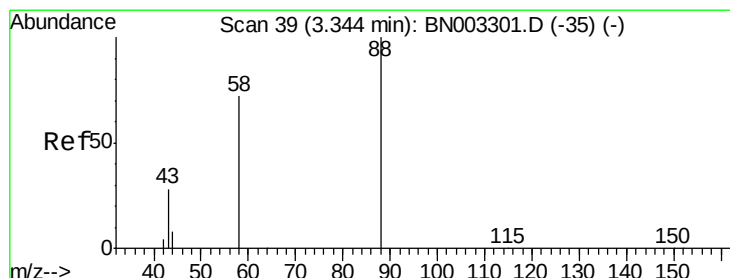
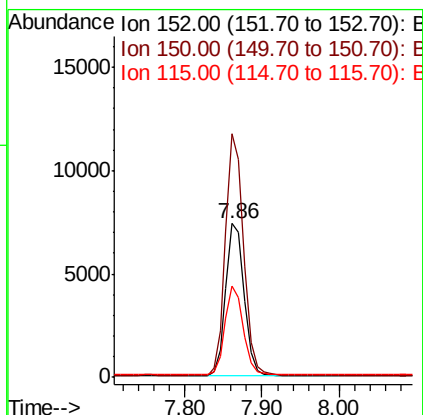
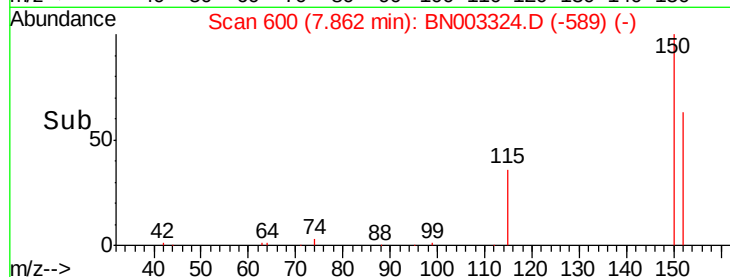
115 59.1 46.4 69.6



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: 0.032 ng

RT: 3.34 min Scan# 39

Delta R.T. -0.00 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

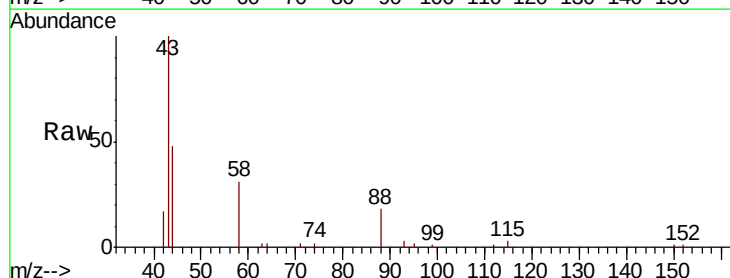
Tgt Ion: 88 Resp: 514

Ion Ratio Lower Upper

88 100

58 81.3 60.9 91.3

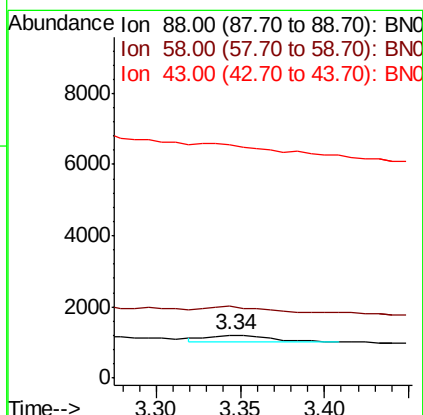
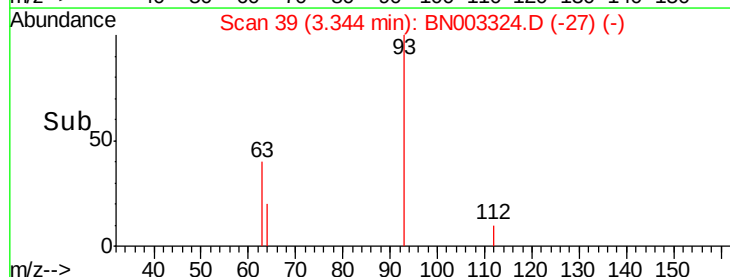
43 0.0 23.9 35.9#

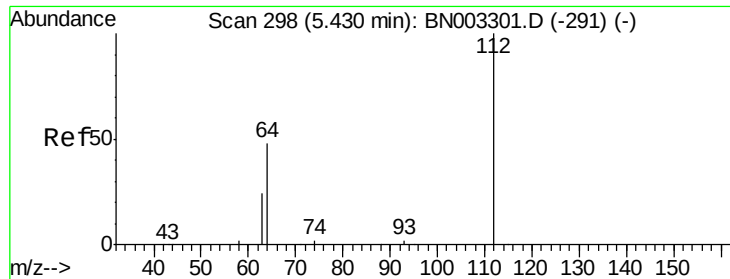


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.029 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

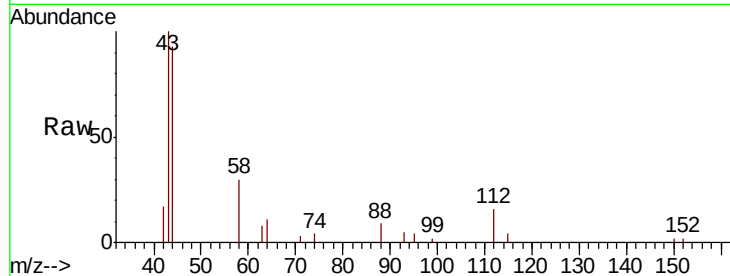
Tgt Ion: 112 Resp: 895

Ion Ratio Lower Upper

112 100

64 52.5 44.3 66.5

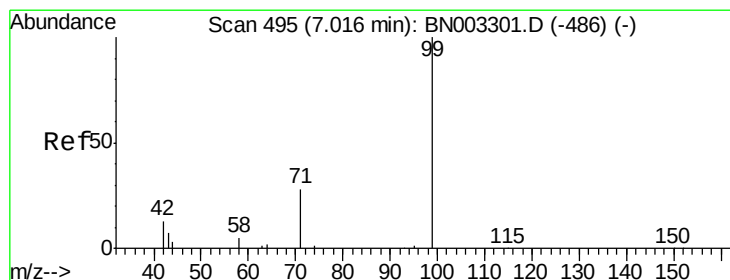
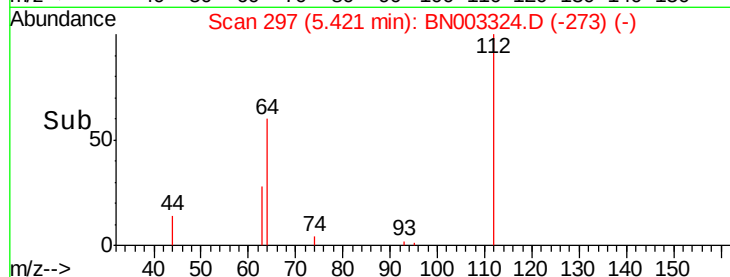
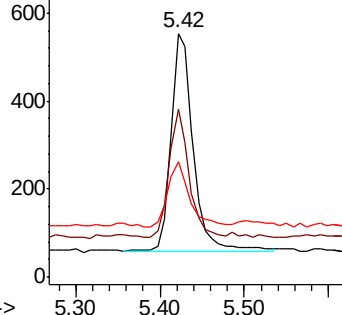
63 29.6 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.030 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

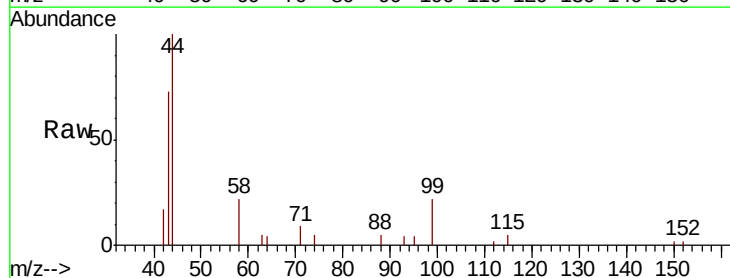
Tgt Ion: 99 Resp: 1147

Ion Ratio Lower Upper

99 100

42 36.7 14.8 22.2#

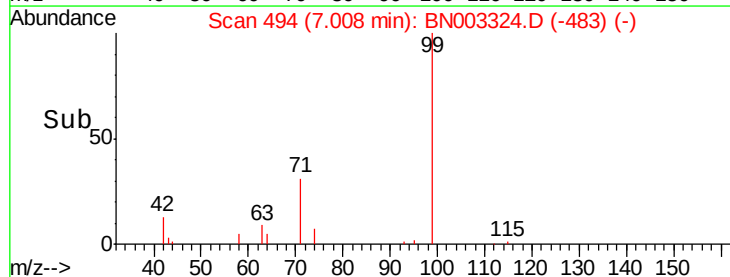
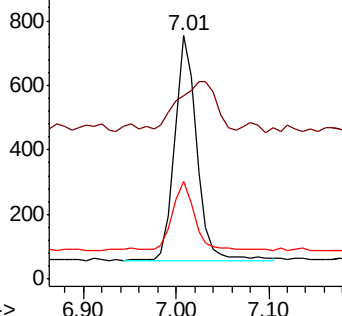
71 29.3 24.8 37.2

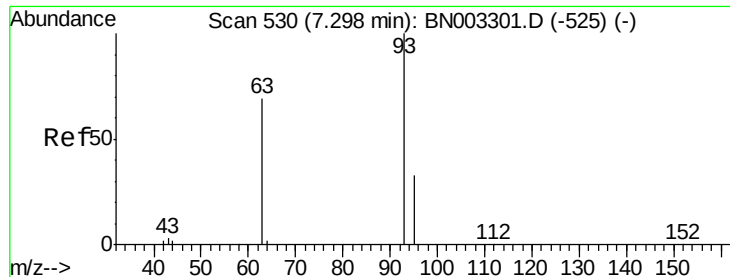


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 7.29 min Scan# 529

Delta R.T. -0.01 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

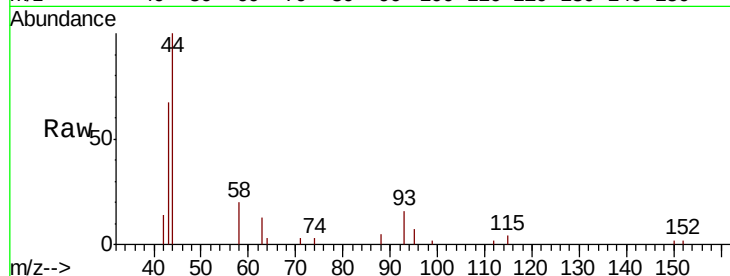
Tgt Ion: 93 Resp: 836

Ion Ratio Lower Upper

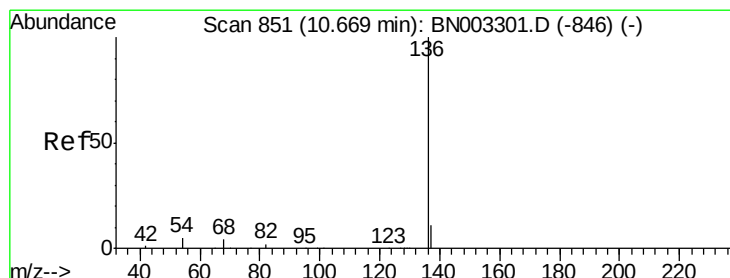
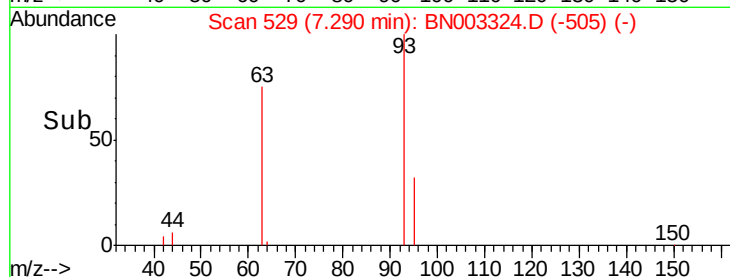
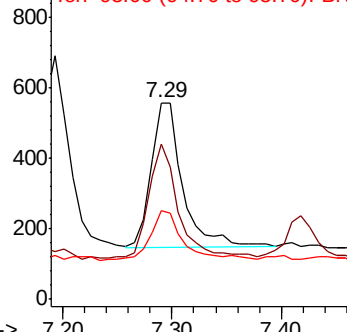
93 100

63 73.1 55.8 83.6

95 33.4 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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

Tgt Ion:136 Resp: 51147

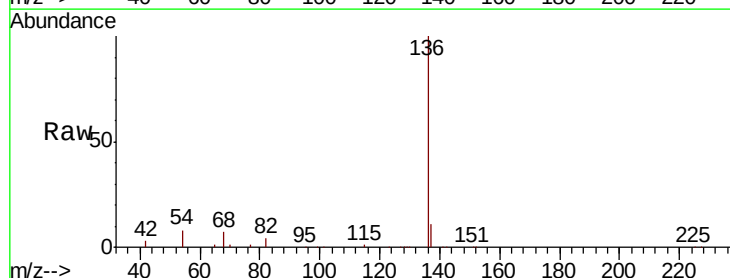
Ion Ratio Lower Upper

136 100

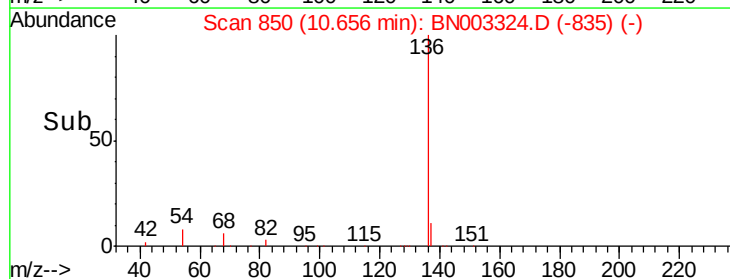
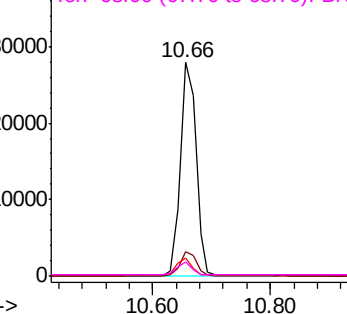
137 11.2 9.0 13.4

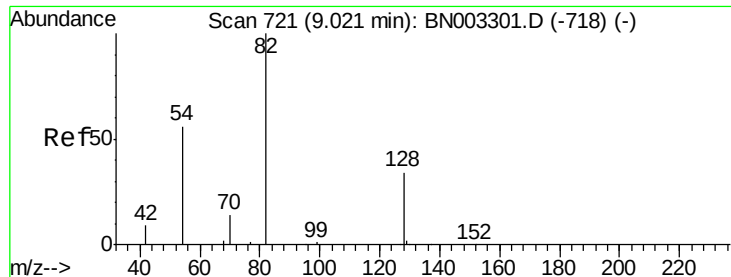
54 8.5 4.1 6.1#

68 6.8 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): BN0
Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.033 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

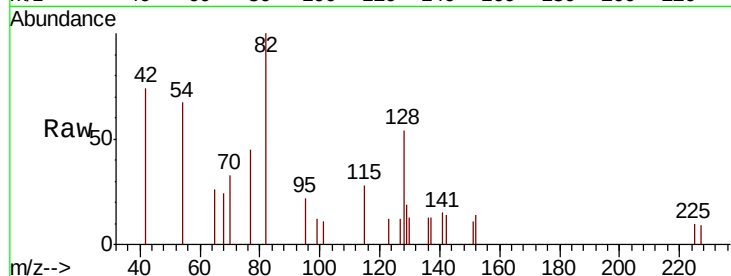
Tgt Ion: 82 Resp: 732

Ion Ratio Lower Upper

82 100

128 53.9 28.9 43.3#

54 67.2 46.1 69.1



Abundance Ion 82.00 (81.70 to 82.70): BN003324.D (-705) (-)

Ion 128.00 (127.70 to 128.70): BN003324.D (-705) (-)

Ion 54.00 (53.70 to 54.70): BN003324.D (-705) (-)

9.02

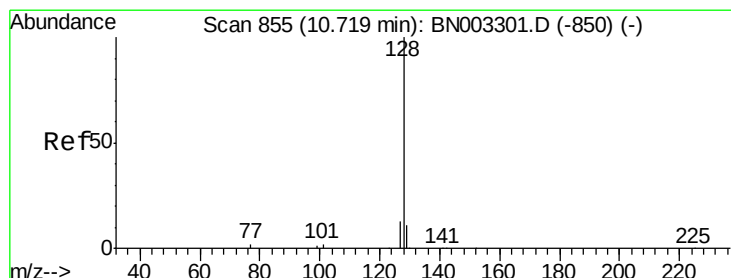
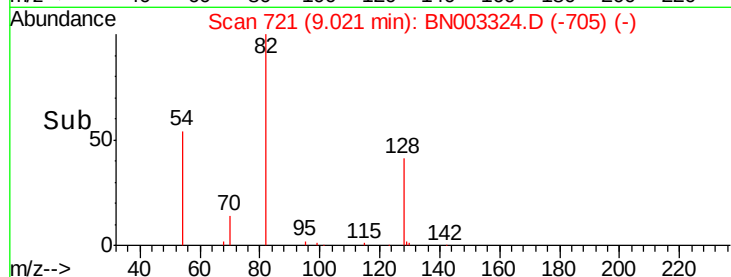
400

200

0

9.00 9.10

Time-->



#9

Naphthalene

Concen: 0.028 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

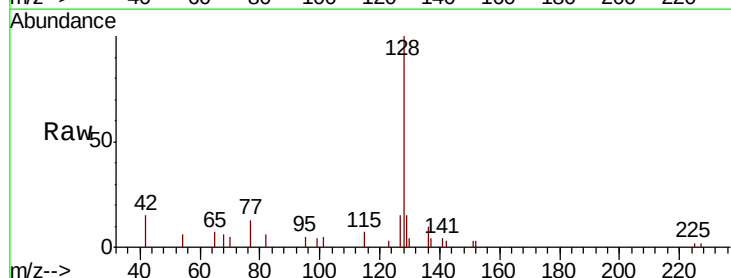
Tgt Ion: 128 Resp: 3464

Ion Ratio Lower Upper

128 100

129 14.7 9.1 13.7#

127 15.3 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): BN003324.D (-847) (-)

Ion 129.00 (128.70 to 129.70): BN003324.D (-847) (-)

Ion 127.00 (126.70 to 127.70): BN003324.D (-847) (-)

10.71

2500

2000

1500

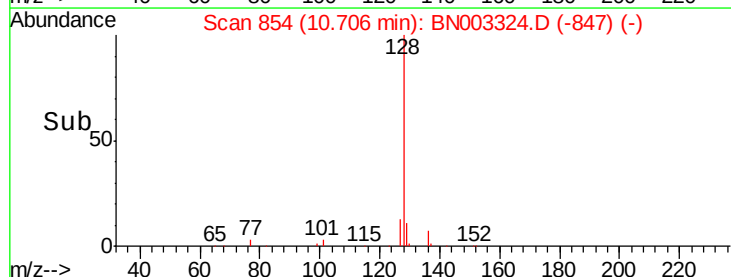
1000

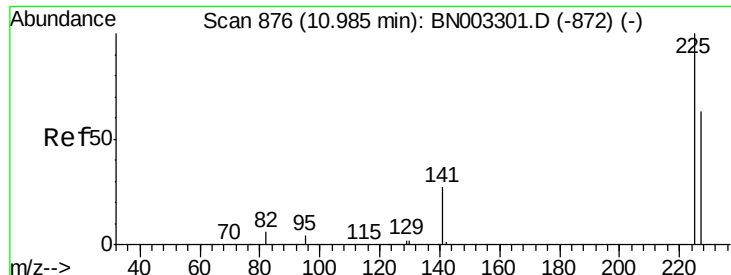
500

0

10.60 10.70 10.80

Time-->

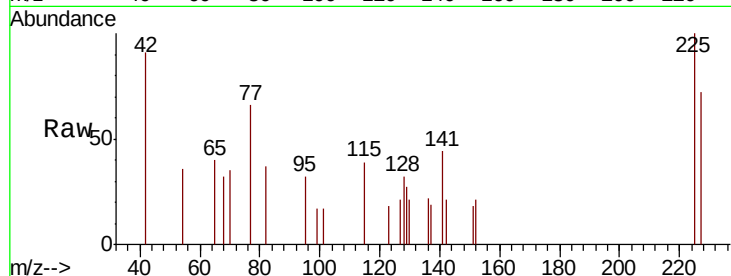




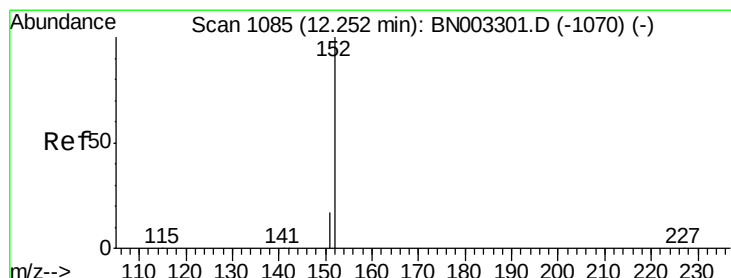
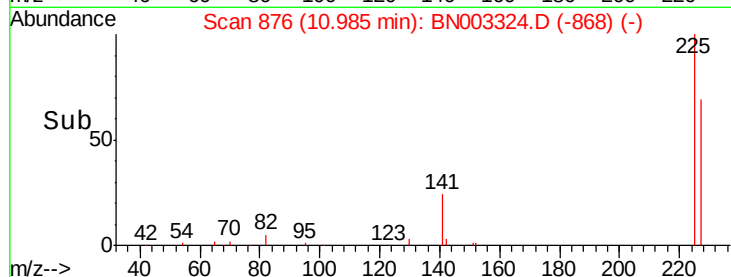
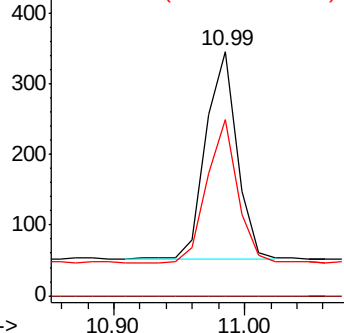
#10
Hexachlorobutadiene
Concen: 0.021 ng
RT: 10.99 min Scan# 876
Delta R.T. -0.00 min
Lab File: BN003324.D
Acq: 27 Oct 2018 02:35

Instrument :
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AOC6-01A

Tgt Ion: 225 Resp: 491
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 67.0 51.3 76.9

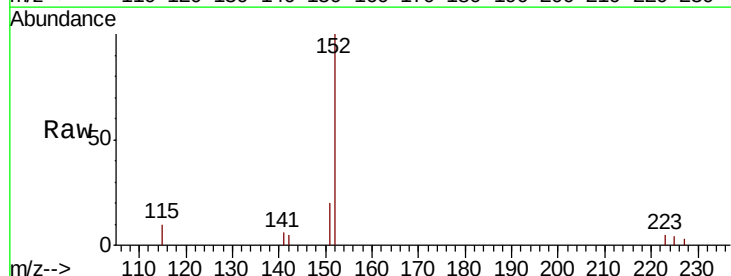


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

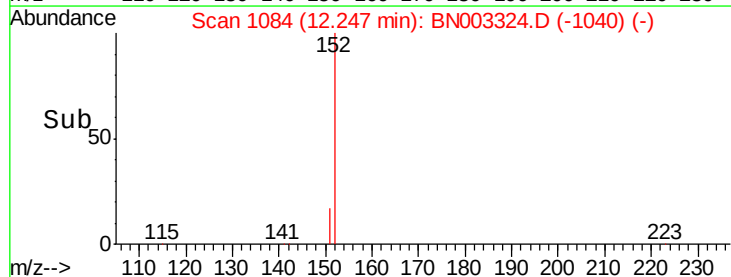
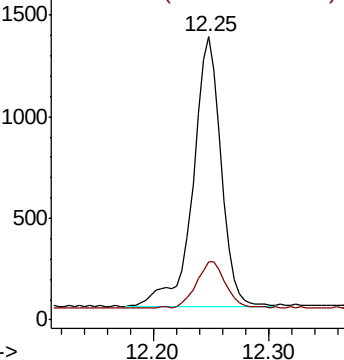


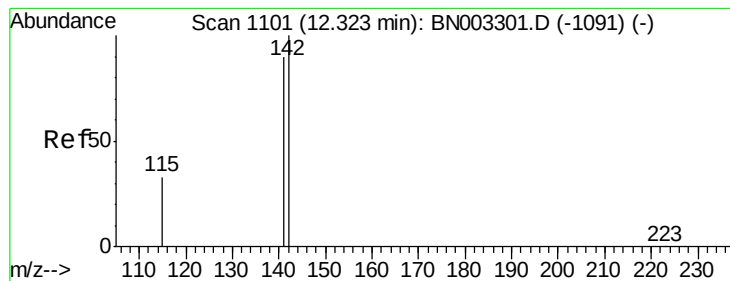
#11
2-Methylnaphthalene-d10
Concen: 0.027 ng
RT: 12.25 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BN003324.D
Acq: 27 Oct 2018 02:35

Tgt Ion: 152 Resp: 2223
Ion Ratio Lower Upper
152 100
151 18.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.027 ng

RT: 12.32 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

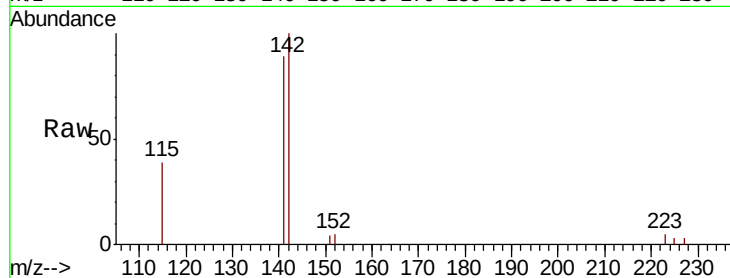
Tgt Ion:142 Resp: 2350

Ion Ratio Lower Upper

142 100

141 88.5 71.9 107.9

115 38.7 27.0 40.6

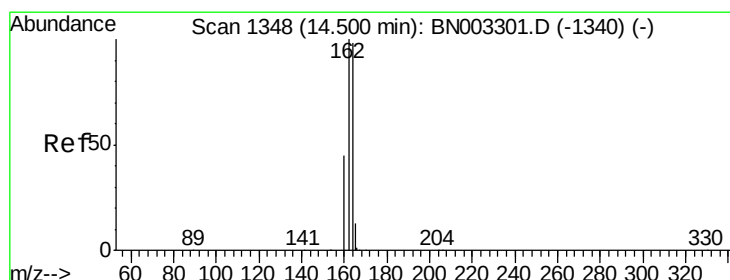
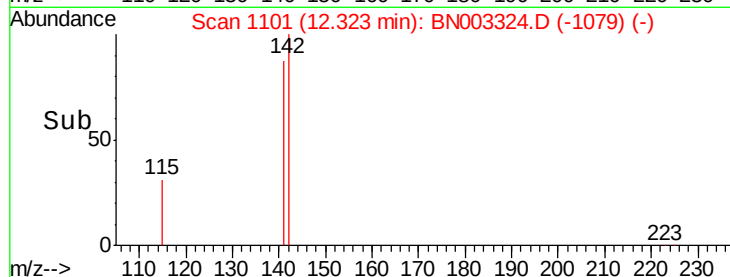
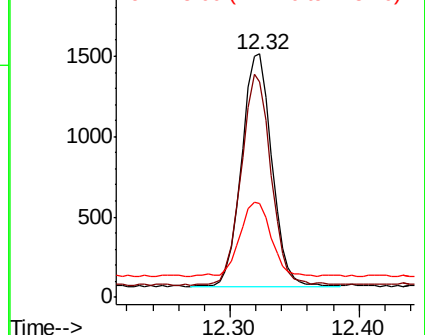


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

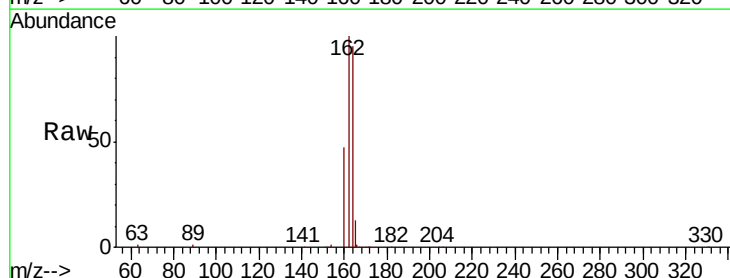
Tgt Ion:164 Resp: 29401

Ion Ratio Lower Upper

164 100

162 105.0 81.8 122.6

160 49.3 37.2 55.8

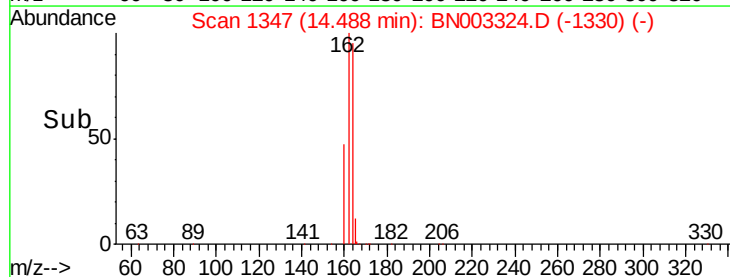
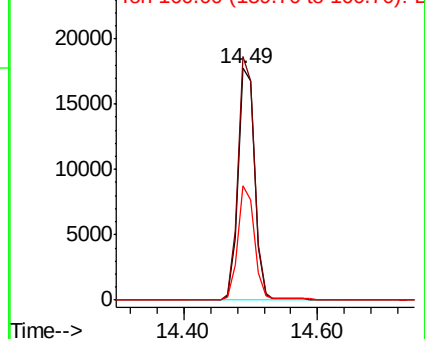


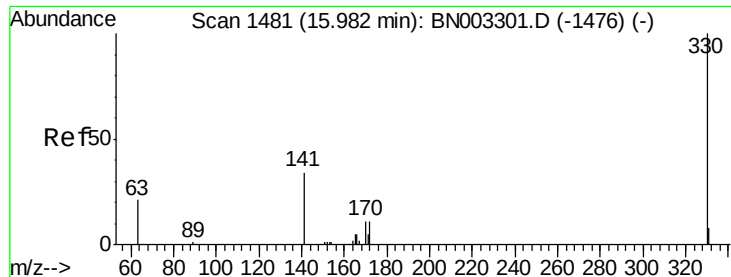
Abundance

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

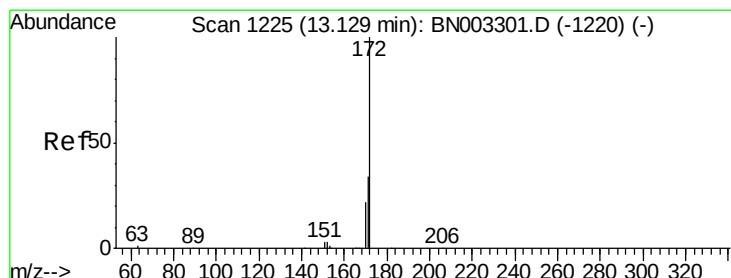
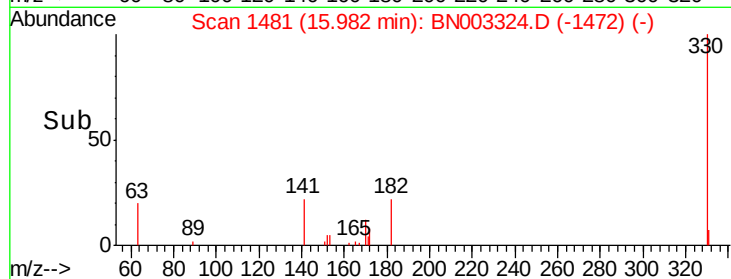
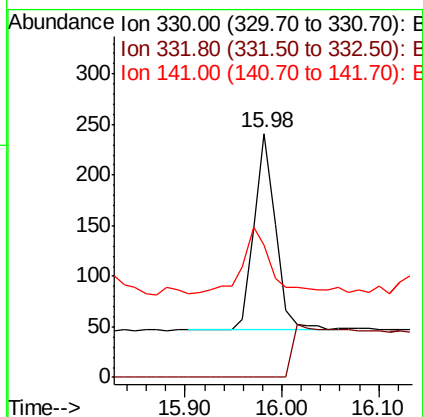
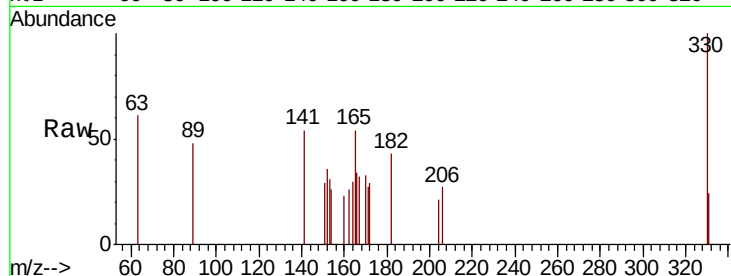




#14
2,4,6-Tribromophenol
Concen: 0.025 ng
RT: 15.98 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN003324.D
Acq: 27 Oct 2018 02:35

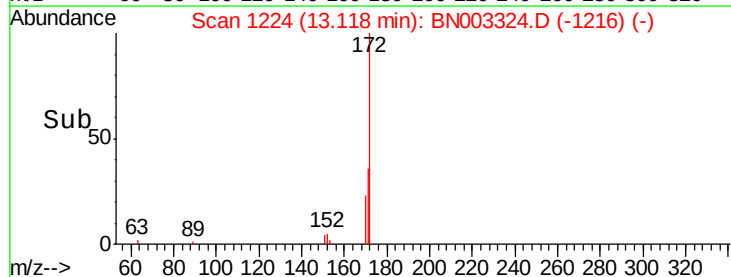
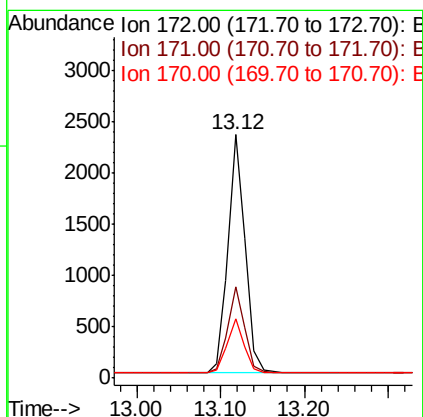
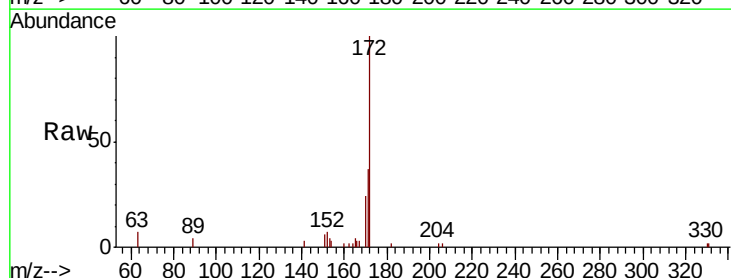
Instrument :
BNA_N
ClientSampleId :
AOC6-01A

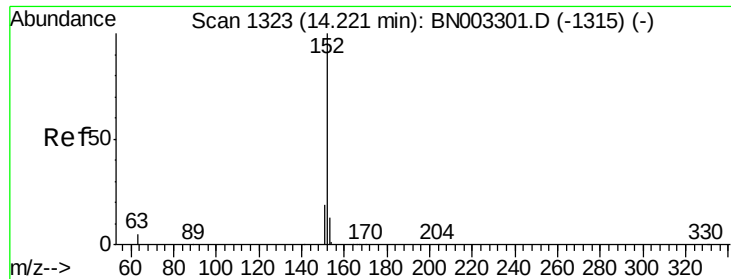
Tgt Ion: 330 Resp: 296
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.6 28.3 42.5#



#15
2-Fluorobiphenyl
Concen: 0.026 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003324.D
Acq: 27 Oct 2018 02:35

Tgt Ion: 172 Resp: 3318
Ion Ratio Lower Upper
172 100
171 37.3 27.1 40.7
170 24.2 17.4 26.0

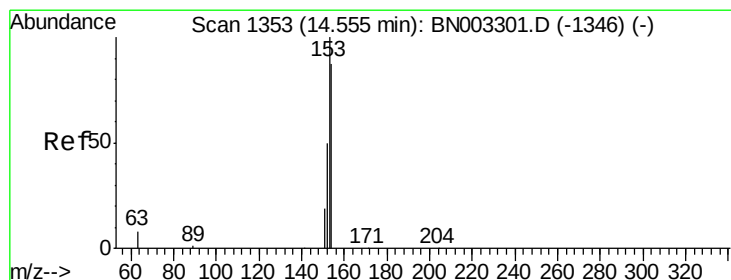
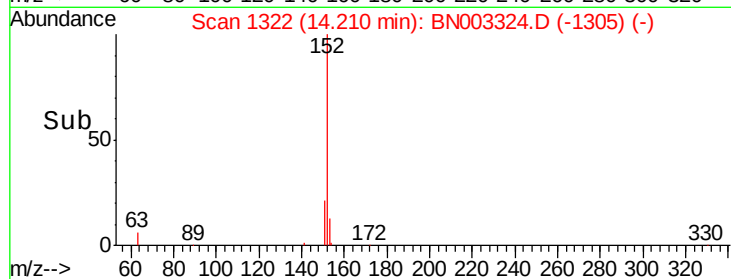
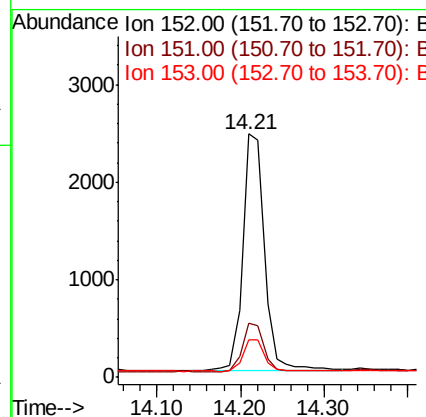
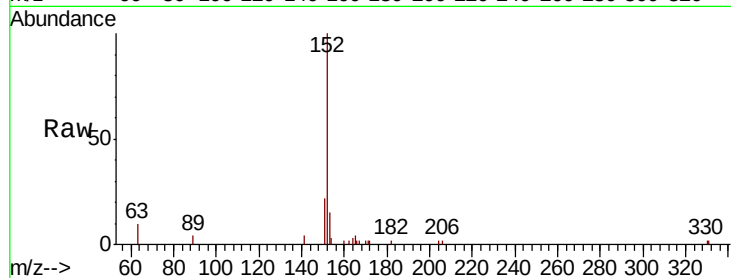




#16
Acenaphthylene
Concen: 0.033 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003324.D
Acq: 27 Oct 2018 02:35

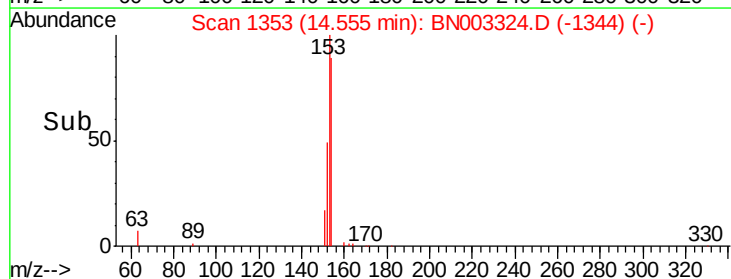
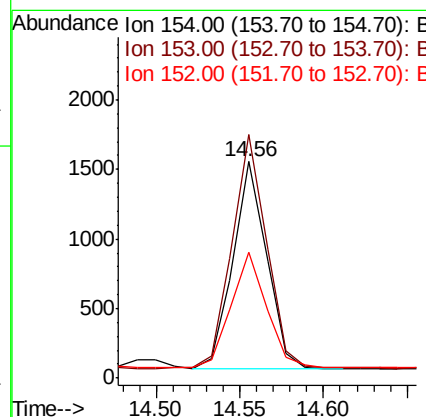
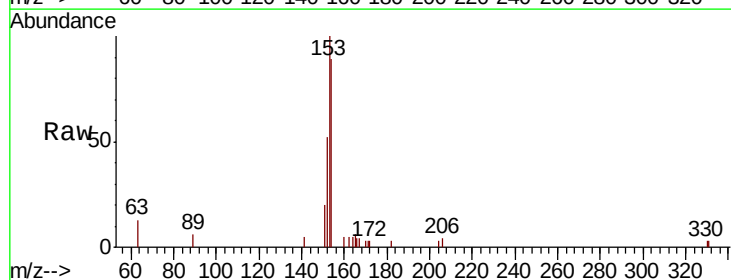
Instrument :
BNA_N
ClientSampleId :
AOC6-01A

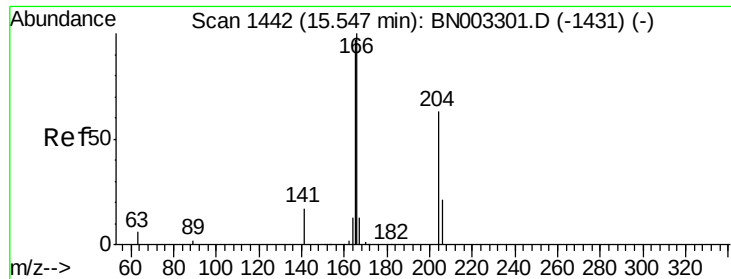
Tgt Ion:152 Resp: 4348
Ion Ratio Lower Upper
152 100
151 21.0 15.7 23.5
153 13.4 10.6 15.8



#17
Acenaphthene
Concen: 0.023 ng
RT: 14.56 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BN003324.D
Acq: 27 Oct 2018 02:35

Tgt Ion:154 Resp: 2075
Ion Ratio Lower Upper
154 100
153 116.0 88.9 133.3
152 59.4 43.5 65.3

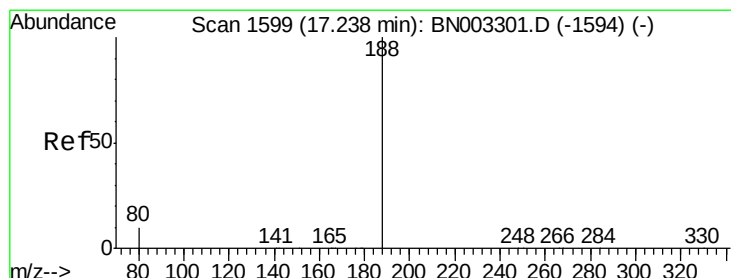
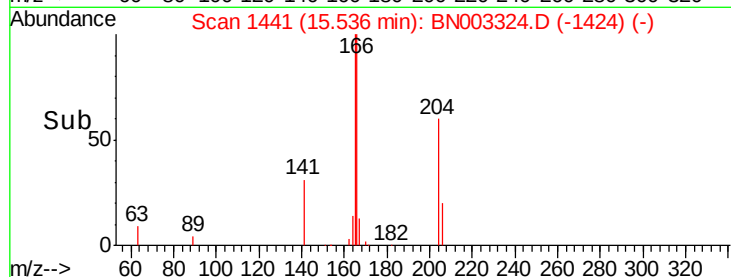
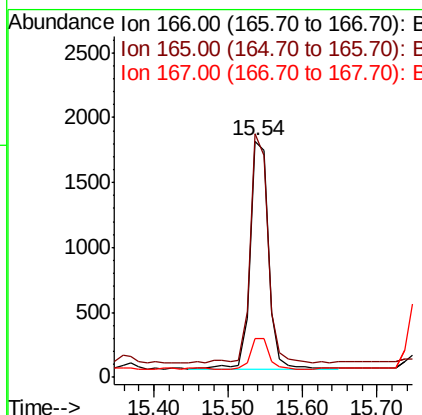
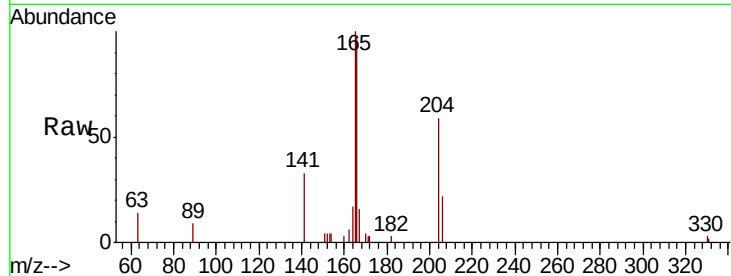




#18
 Fluorene
 Concen: 0.027 ng
 RT: 15.54 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BN003324.D
 Acq: 27 Oct 2018 02:35

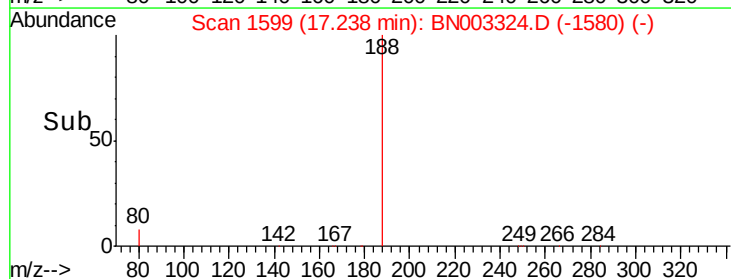
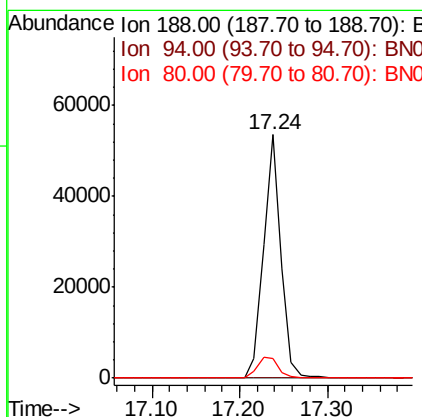
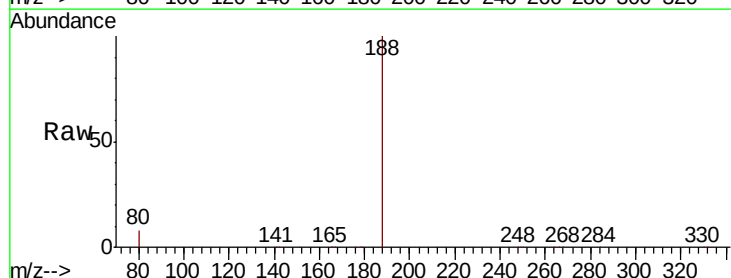
Instrument :
 BNA_N
 ClientSampleId :
 AOC6-01A

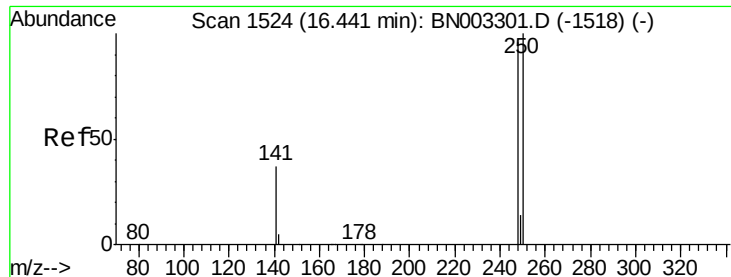
Tgt Ion:166 Resp: 3032
 Ion Ratio Lower Upper
 166 100
 165 96.9 77.8 116.8
 167 13.4 10.9 16.3



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BN003324.D
 Acq: 27 Oct 2018 02:35

Tgt Ion:188 Resp: 73882
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.3 8.6 12.8#

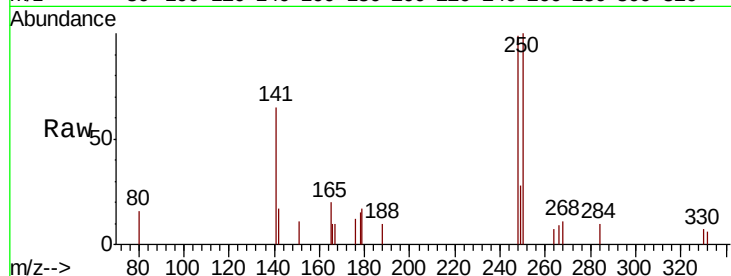




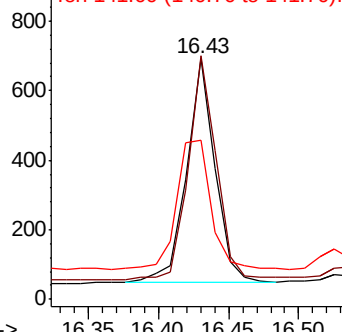
#20
4-Bromophenyl-phenylether
Concen: 0.021 ng
RT: 16.43 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BN003324.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

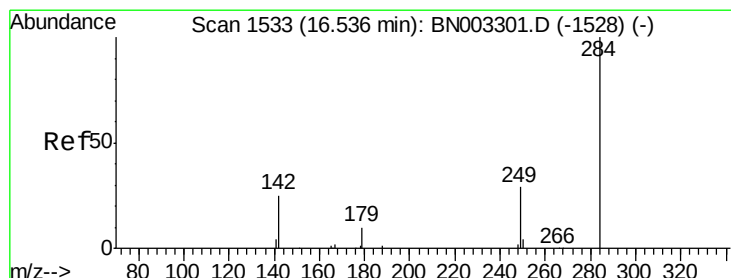
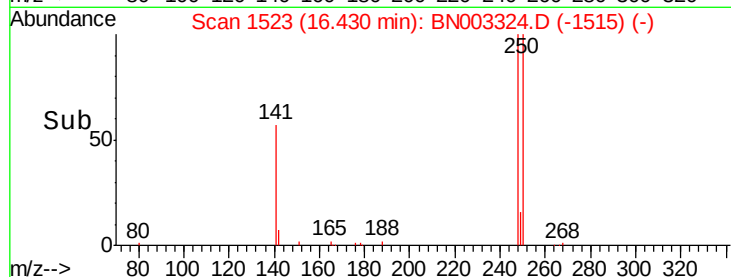
Tgt Ion:248 Resp: 917
Ion Ratio Lower Upper
248 100
250 101.2 83.7 125.5
141 66.0 31.4 47.0#



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

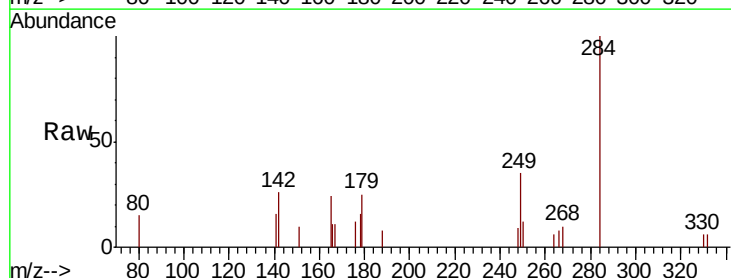


Time-->

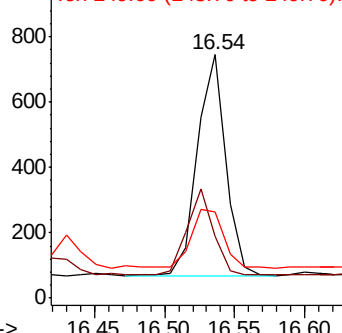


#21
Hexachlorobenzene
Concen: 0.021 ng
RT: 16.54 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN003324.D
Acq: 27 Oct 2018 02:35

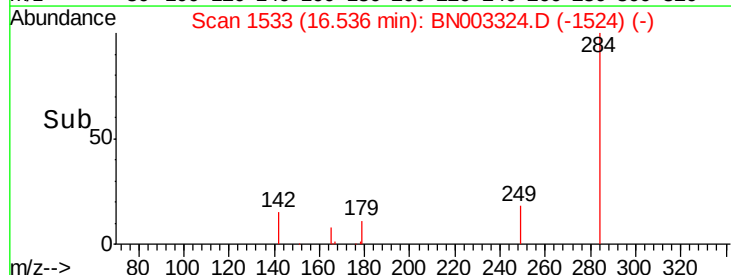
Tgt Ion:284 Resp: 964
Ion Ratio Lower Upper
284 100
142 36.2 29.7 44.5
249 29.9 24.0 36.0

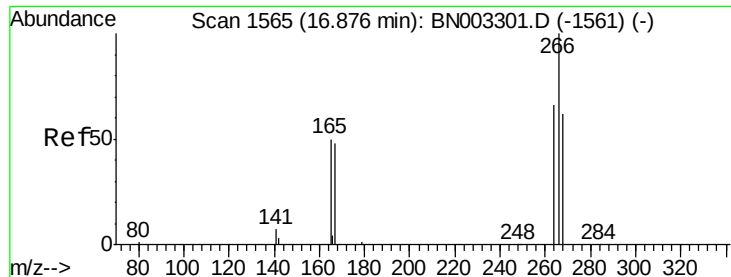


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->





#22

Pentachlorophenol

Concen: 0.020 ng

RT: 16.88 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

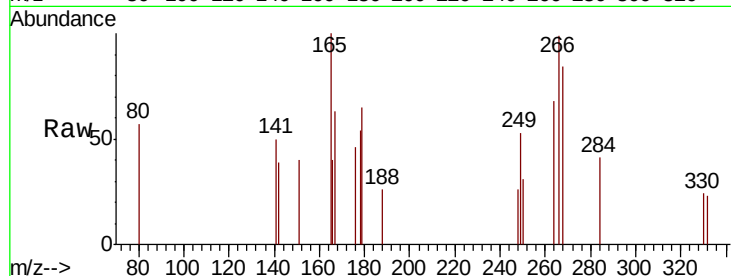
Tgt Ion:266 Resp: 245

Ion Ratio Lower Upper

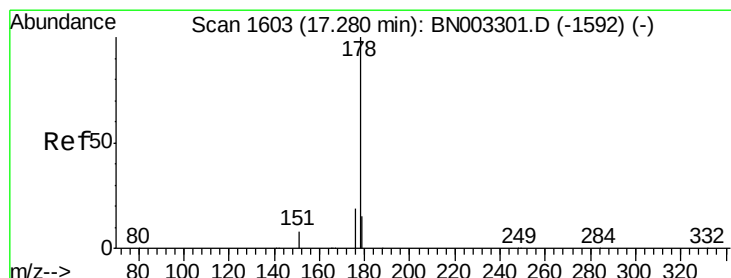
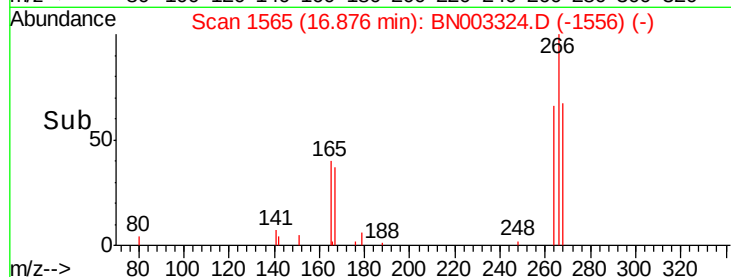
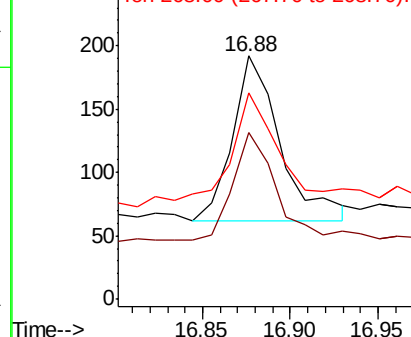
266 100

264 68.8 52.1 78.1

268 84.9 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



#23

Phenanthrene

Concen: 0.038 ng

RT: 17.28 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

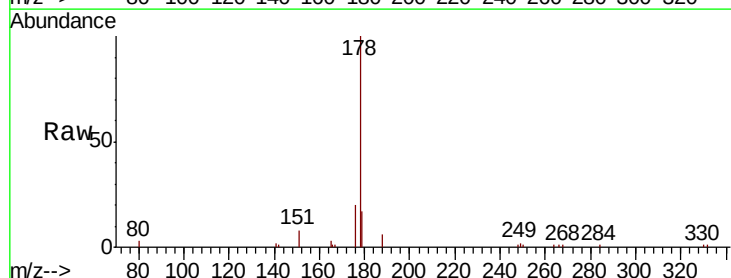
Tgt Ion:178 Resp: 7793

Ion Ratio Lower Upper

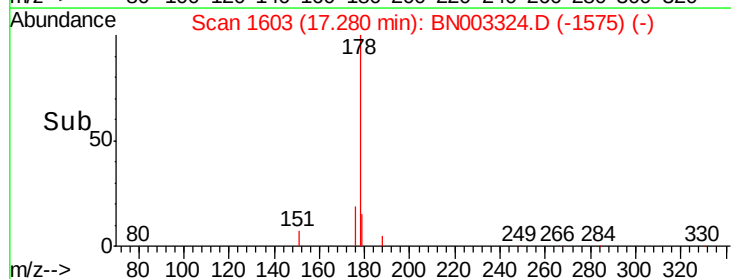
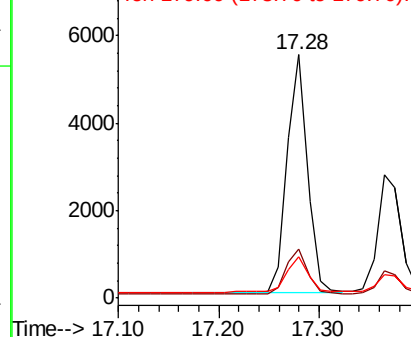
178 100

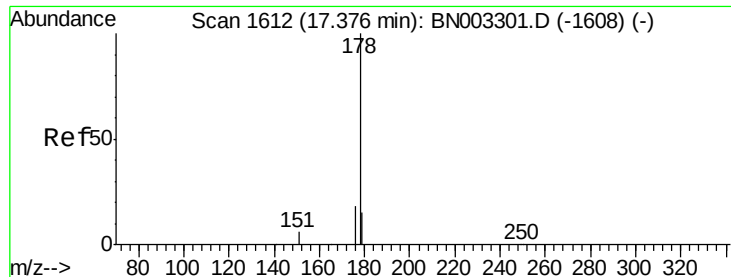
176 19.6 15.1 22.7

179 16.8 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

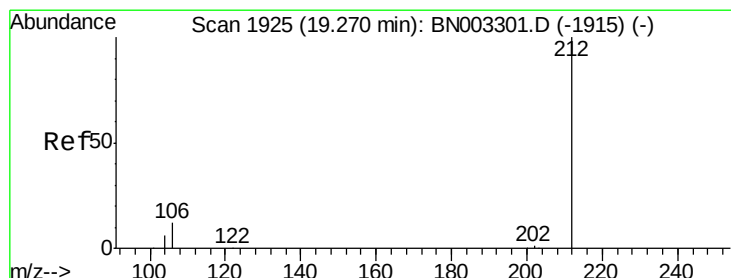
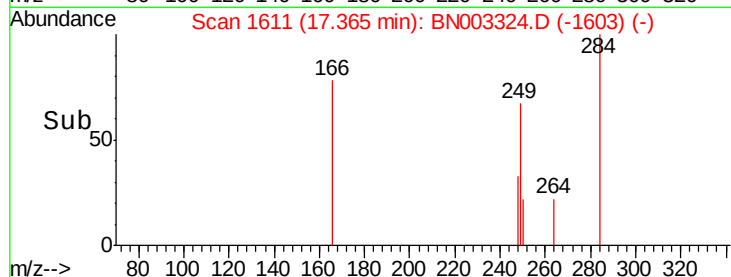
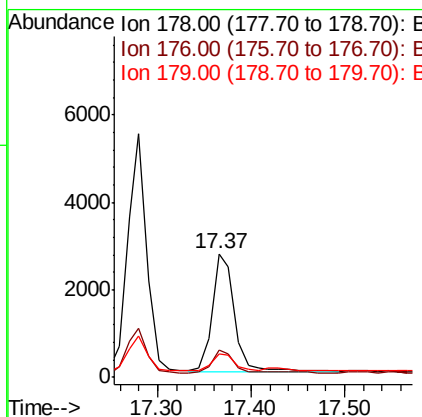
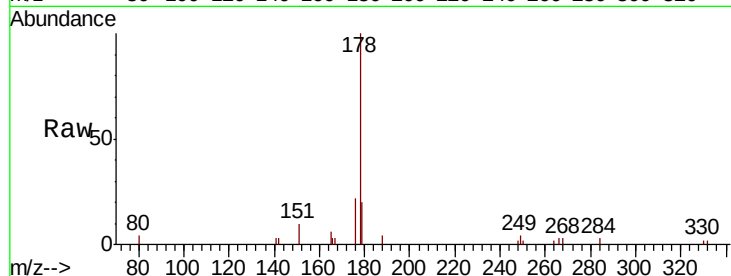




#24
 Anthracene
 Concen: 0.026 ng
 RT: 17.37 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BN003324.D
 Acq: 27 Oct 2018 02:35

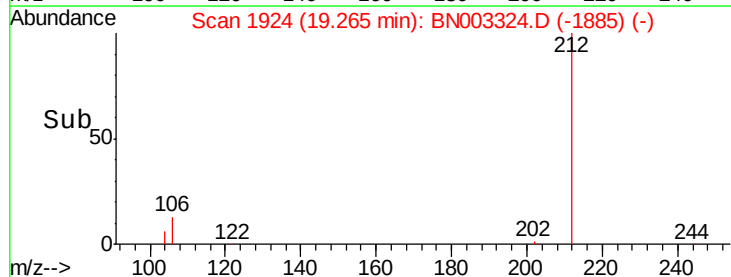
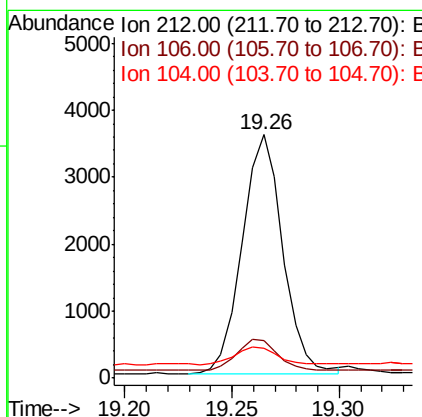
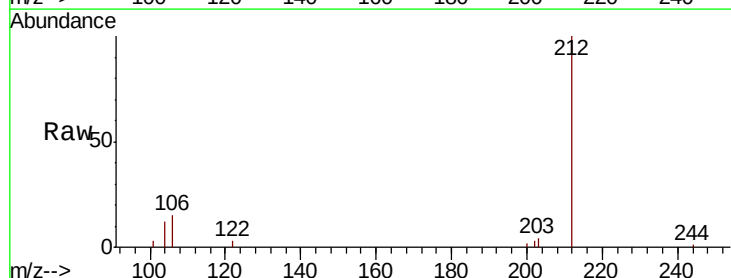
Instrument :
 BNA_N
 ClientSampleId :
 AOC6-01A

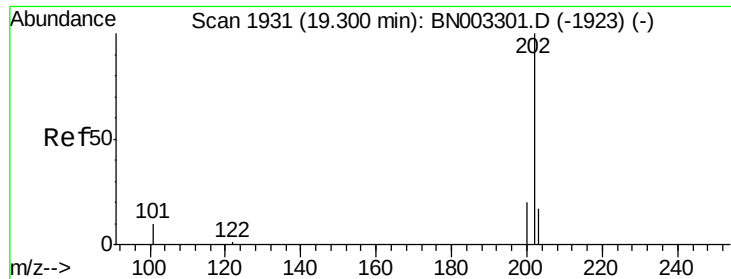
Tgt Ion:178 Resp: 4442
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.5 21.7
 179 15.1 12.2 18.4



#25
 Fluoranthene-d10
 Concen: 0.022 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BN003324.D
 Acq: 27 Oct 2018 02:35

Tgt Ion:212 Resp: 4667
 Ion Ratio Lower Upper
 212 100
 106 13.3 10.3 15.5
 104 8.0 5.6 8.4

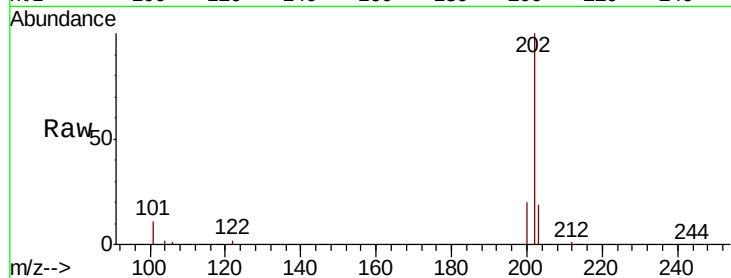




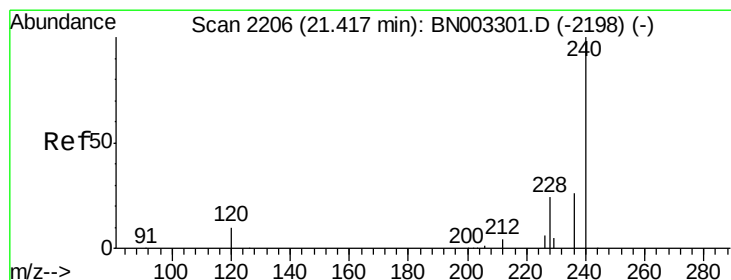
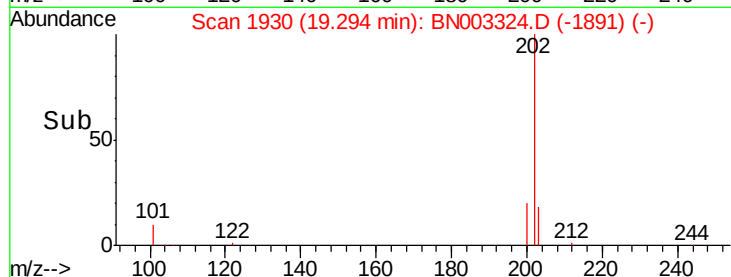
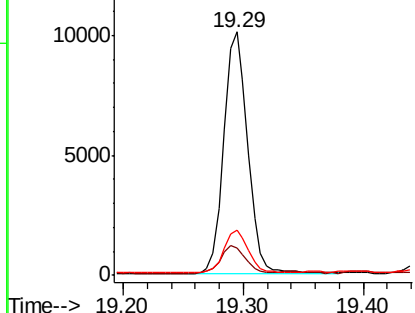
#26
 Fluoranthene
 Concen: 0.060 ng
 RT: 19.29 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BN003324.D
 Acq: 27 Oct 2018 02:35

Instrument :
 BNA_N
 ClientSampleId :
 AOC6-01A

Tgt Ion:202 Resp: 13926
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.0 13.4
 203 17.3 13.8 20.6

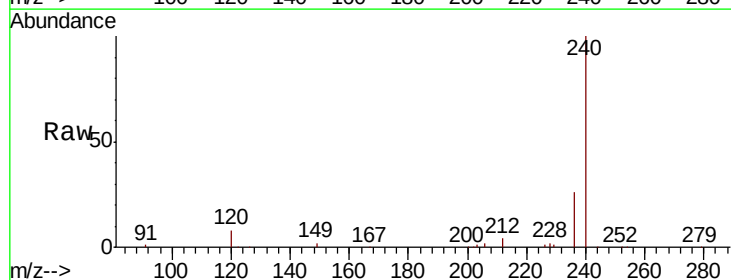


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

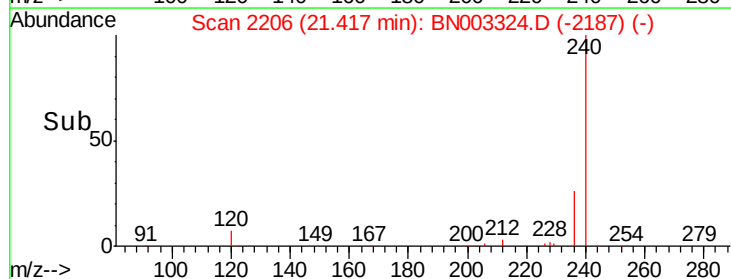
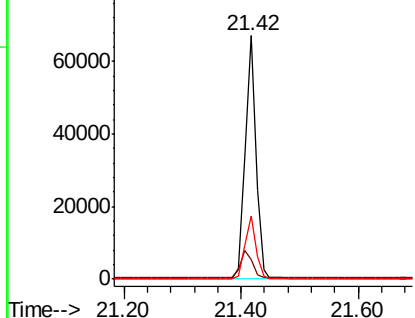


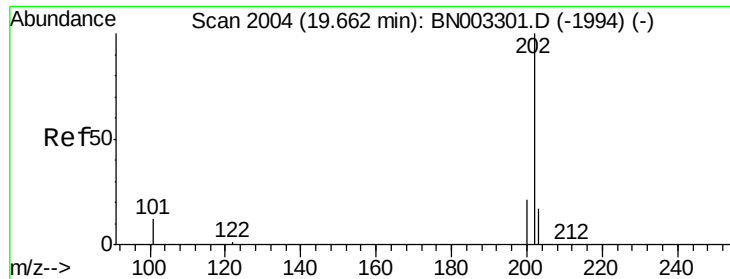
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BN003324.D
 Acq: 27 Oct 2018 02:35

Tgt Ion:240 Resp: 84373
 Ion Ratio Lower Upper
 240 100
 120 7.8 9.3 13.9#
 236 25.7 21.0 31.4



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

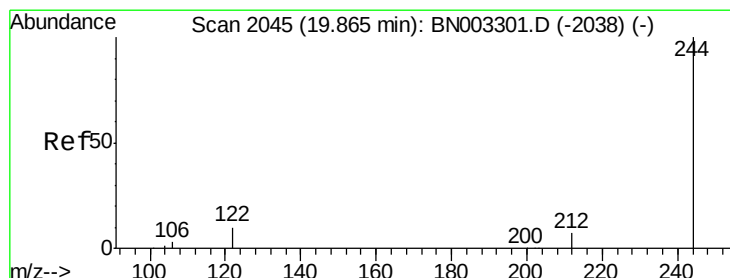
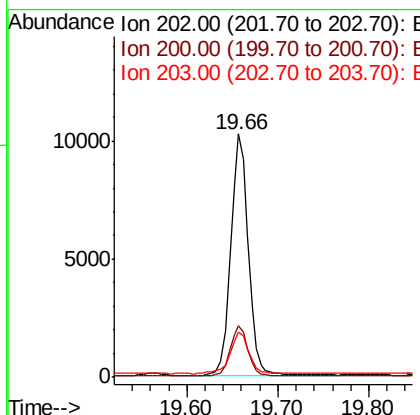
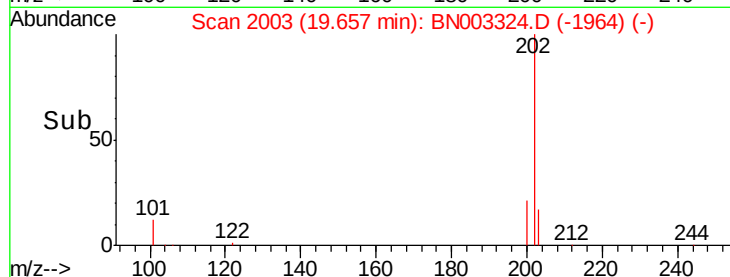
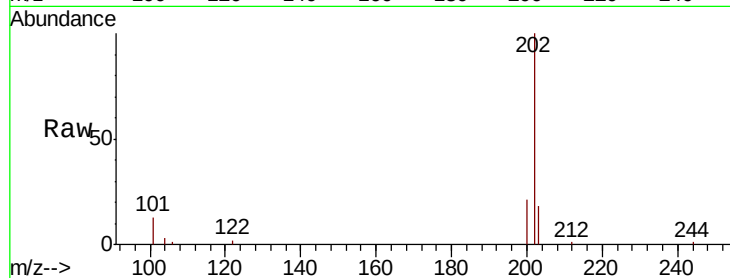




#28
Pyrene
Concen: 0.059 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN003324.D
Acq: 27 Oct 2018 02:35

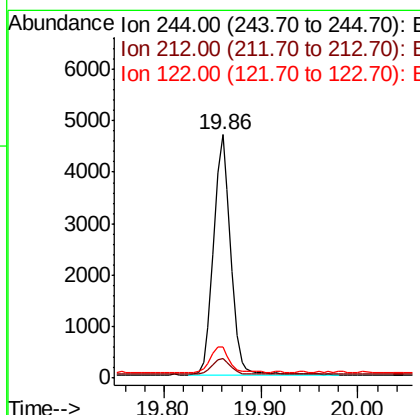
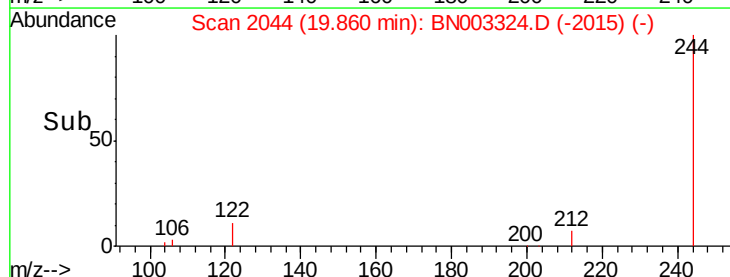
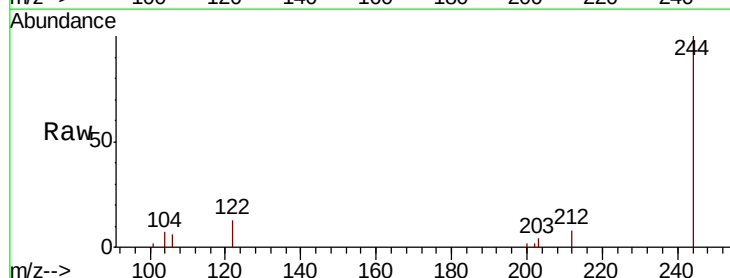
Instrument :
BNA_N
ClientSampleId :
AOC6-01A

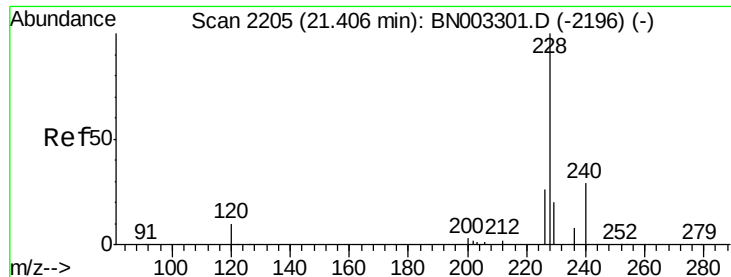
Tgt Ion:202 Resp: 13769
Ion Ratio Lower Upper
202 100
200 20.8 16.5 24.7
203 18.7 13.9 20.9



#29
Terphenyl-d14
Concen: 0.029 ng
RT: 19.86 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BN003324.D
Acq: 27 Oct 2018 02:35

Tgt Ion:244 Resp: 5736
Ion Ratio Lower Upper
244 100
212 8.2 5.6 8.4
122 13.0 8.5 12.7#





#30

Benzo(a)anthracene

Concen: 0.048 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

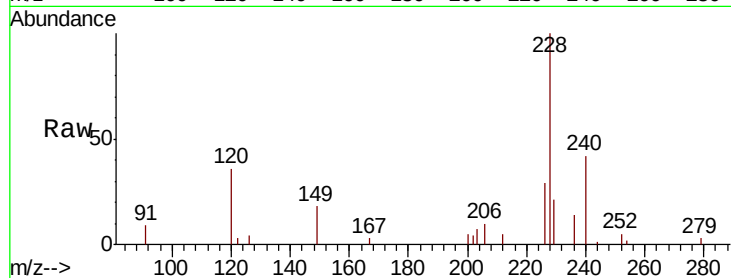
Tgt Ion:228 Resp: 10563

Ion Ratio Lower Upper

228 100

226 28.8 20.8 31.2

229 20.6 16.1 24.1

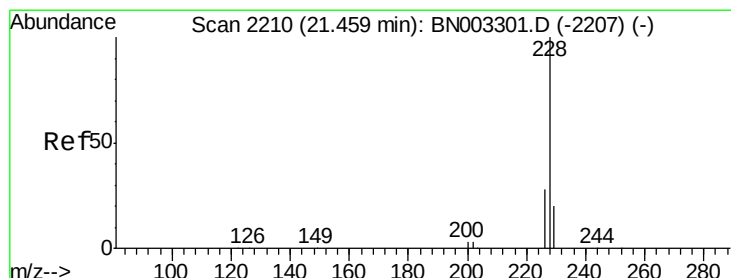
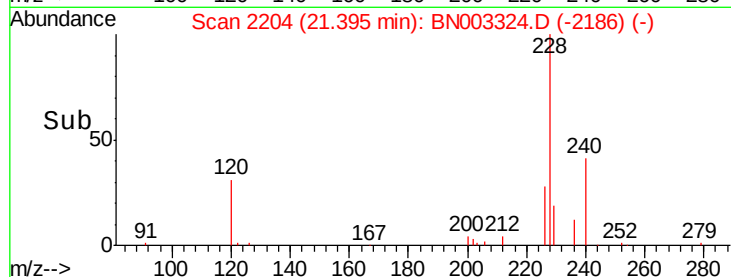
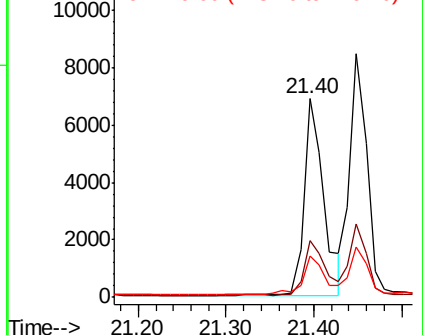


Abundance

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: BN003324.D

Acq: 27 Oct 2018 02:35

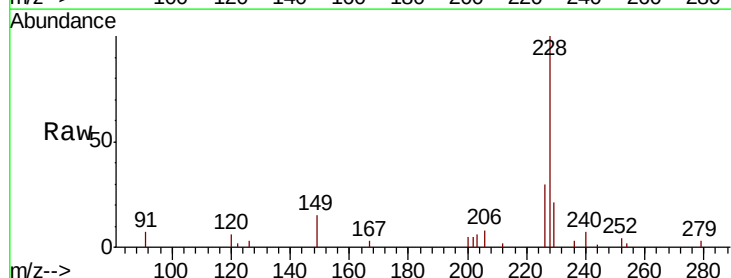
Tgt Ion:228 Resp: 11298

Ion Ratio Lower Upper

228 100

226 30.4 22.7 34.1

229 20.9 16.0 24.0

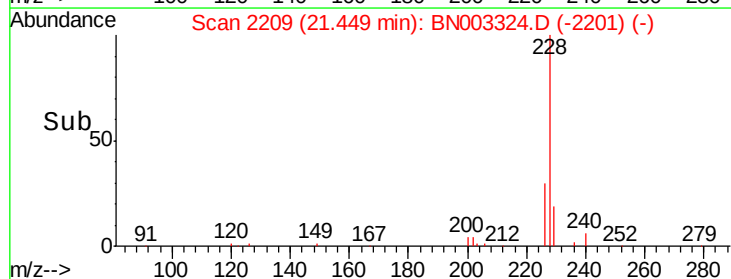
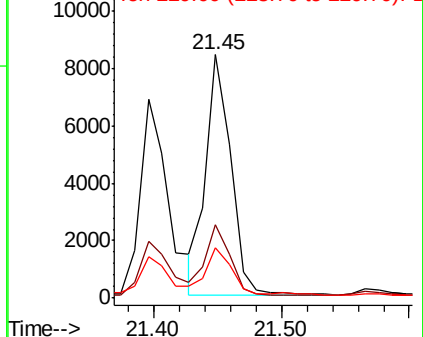


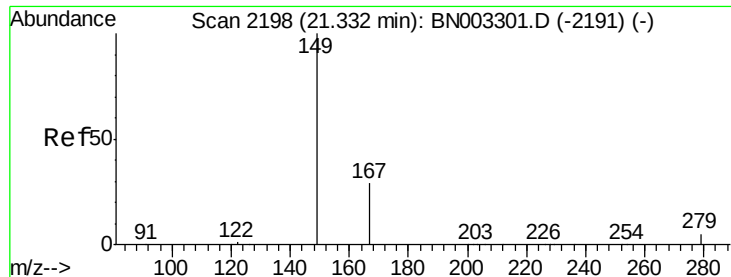
Abundance

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: BN003324.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

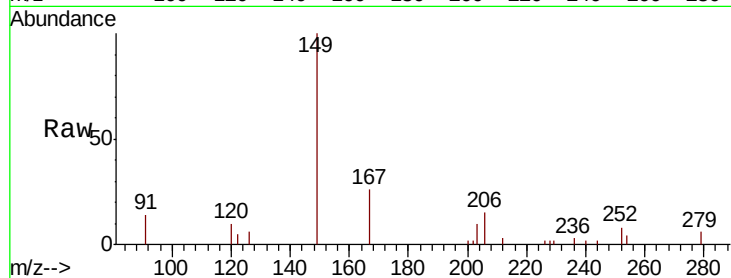
Tgt Ion:149 Resp: 3557

Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

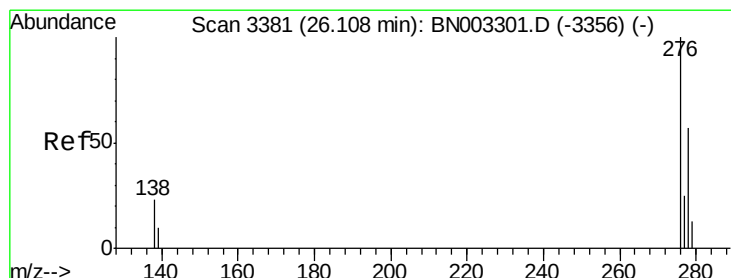
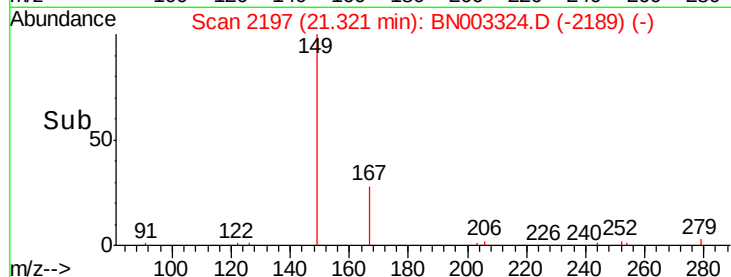
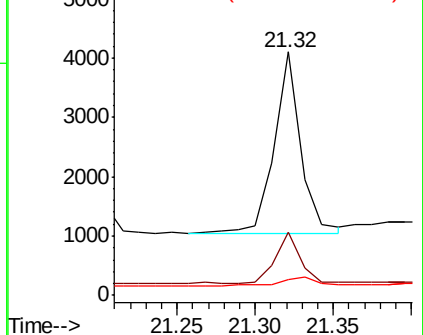
279 6.4 3.9 5.9#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.040 ng

RT: 26.09 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

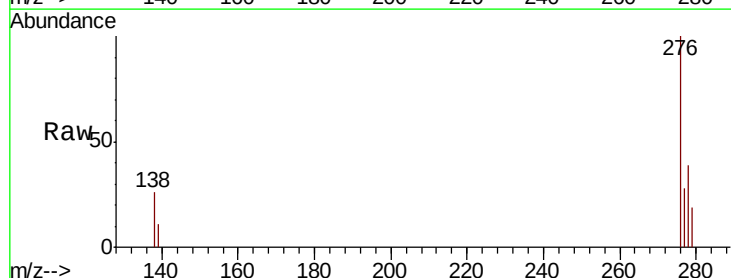
Tgt Ion:276 Resp: 9828

Ion Ratio Lower Upper

276 100

138 22.3 20.6 30.8

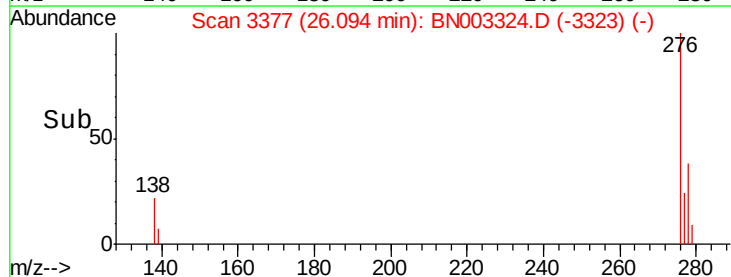
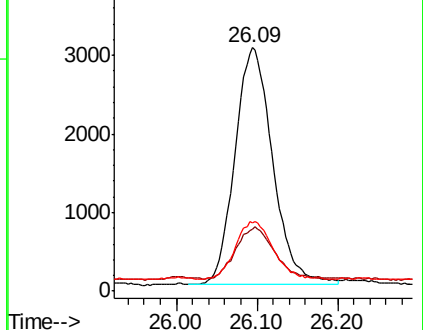
277 24.4 20.0 30.0

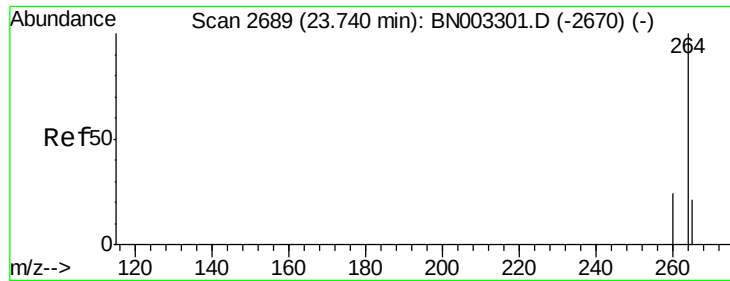


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

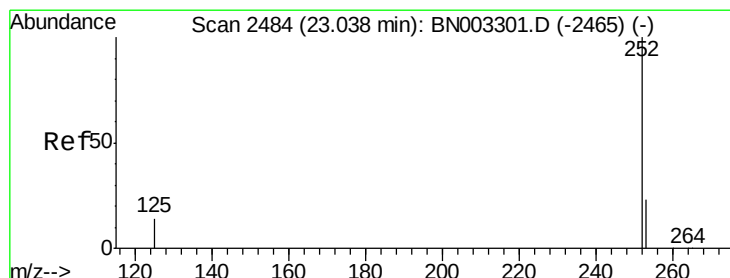
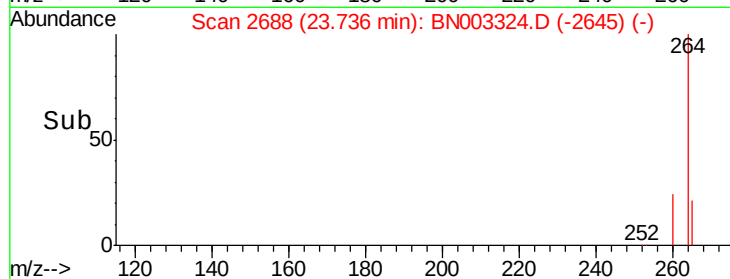
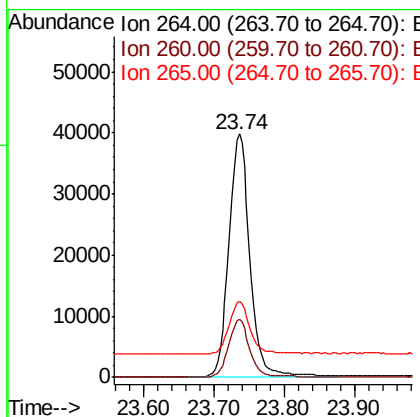
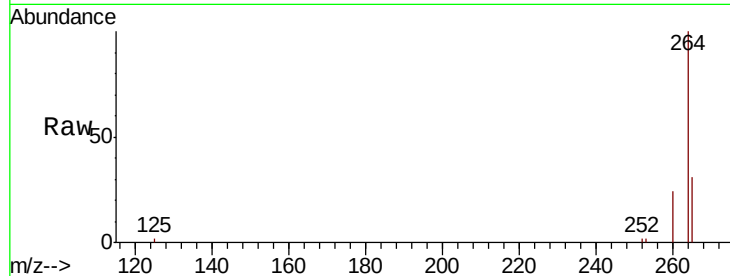




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: BN003324.D
 Acq: 27 Oct 2018 02:35

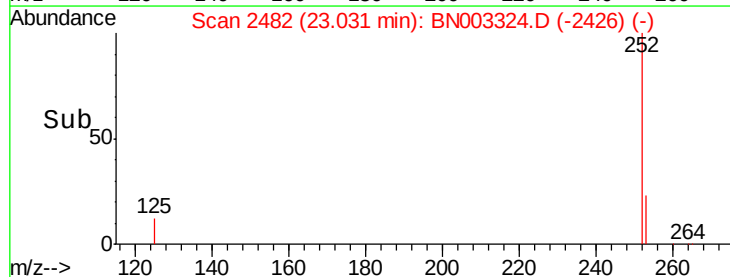
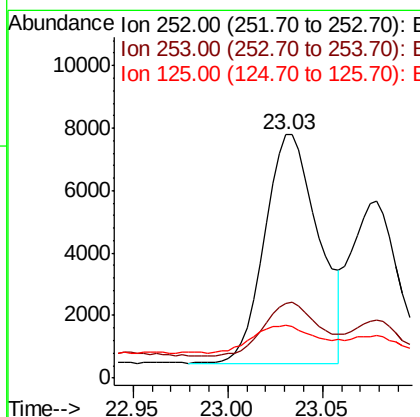
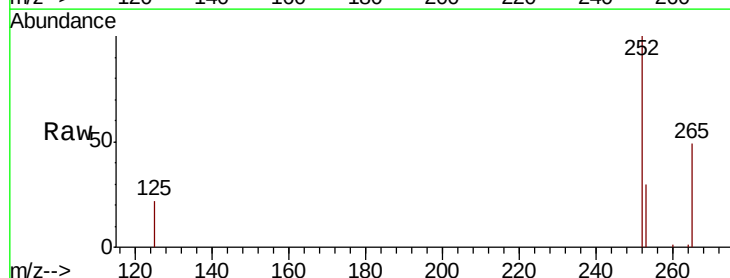
Instrument :
 BNA_N
 ClientSampleId :
 AOC6-01A

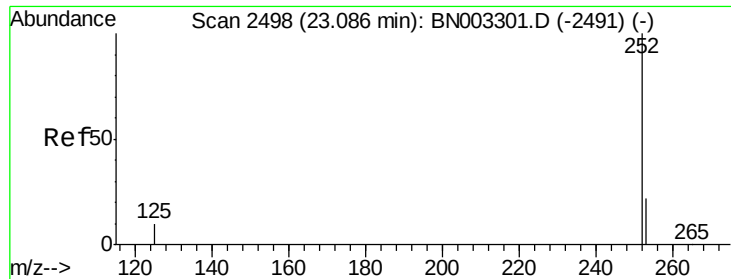
Tgt Ion:264 Resp: 81809
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 31.0 26.4 39.6



#35
 Benzo(b)fluoranthene
 Concen: 0.057 ng
 RT: 23.03 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BN003324.D
 Acq: 27 Oct 2018 02:35

Tgt Ion:252 Resp: 14403
 Ion Ratio Lower Upper
 252 100
 253 30.4 19.3 28.9#
 125 21.7 12.7 19.1#





#36

Benzo(k)fluoranthene

Concen: 0.033 ng

RT: 23.08 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

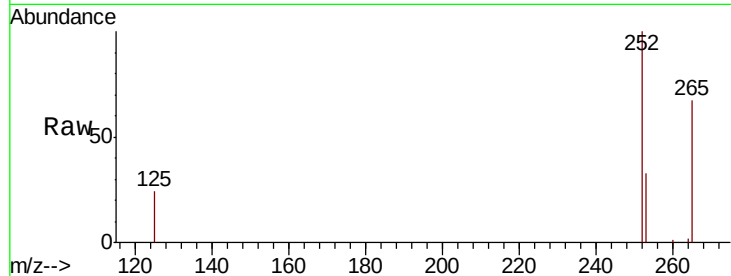
Tgt Ion:252 Resp: 8277

Ion Ratio Lower Upper

252 100

253 33.0 18.5 27.7#

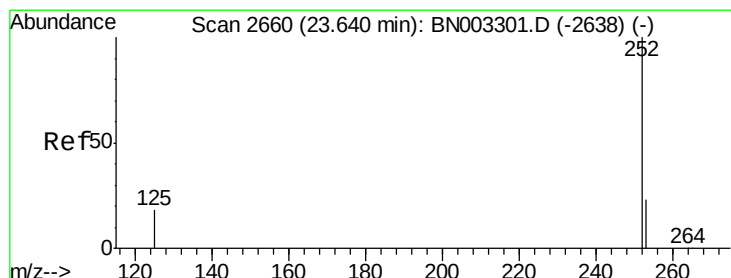
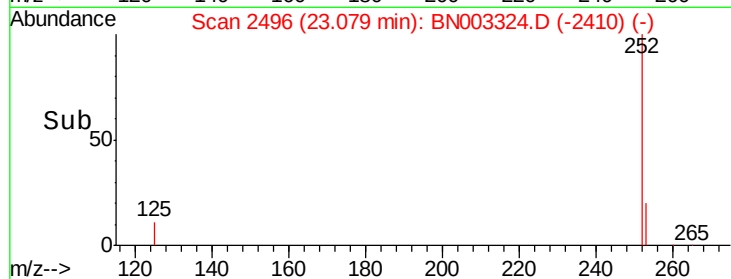
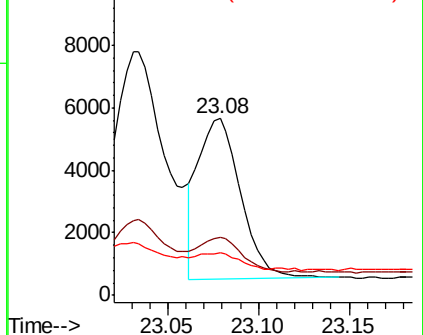
125 24.2 9.1 13.7#



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: 0.046 ng

RT: 23.63 min Scan# 2658

Delta R.T. -0.01 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

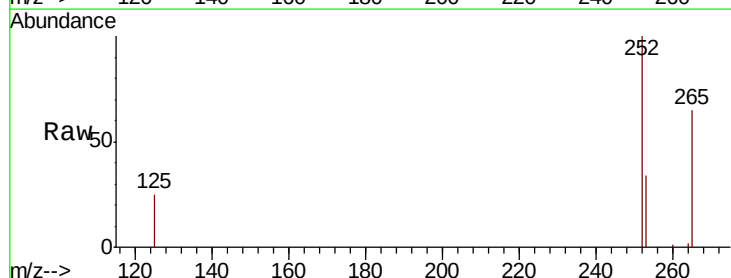
Tgt Ion:252 Resp: 10594

Ion Ratio Lower Upper

252 100

253 33.8 20.1 30.1#

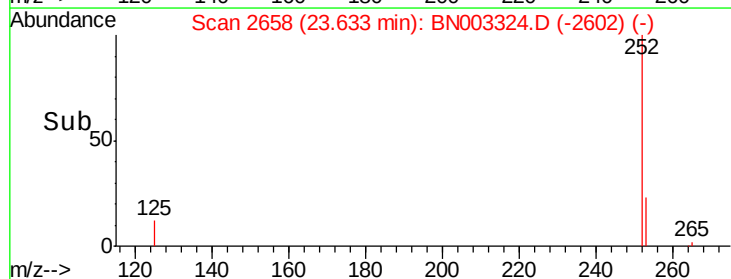
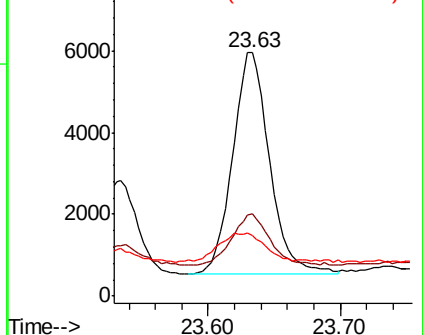
125 24.7 16.0 24.0#

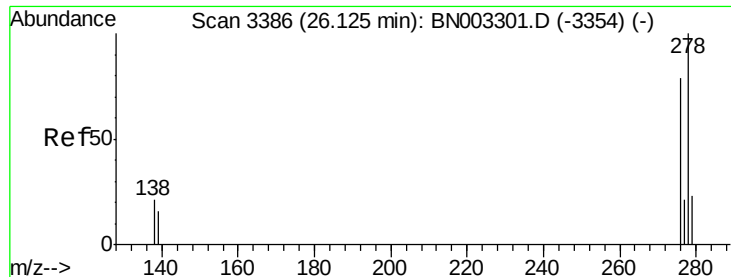


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.026 ng

RT: 26.11 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_N

ClientSampleId :

AOC6-01A

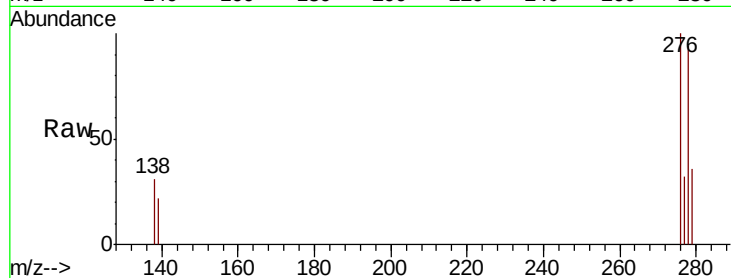
Tgt Ion:278 Resp: 5663

Ion Ratio Lower Upper

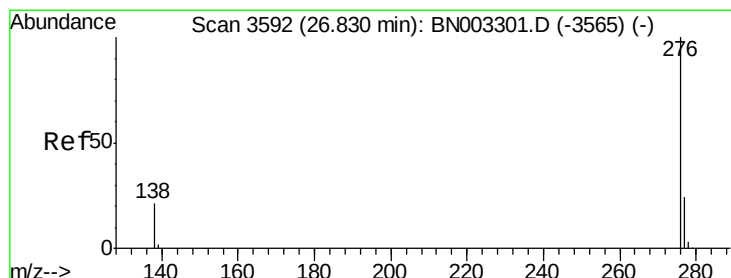
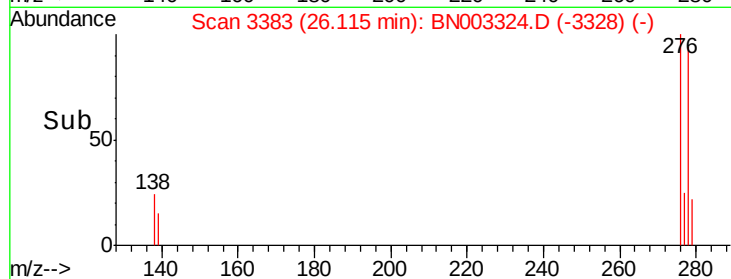
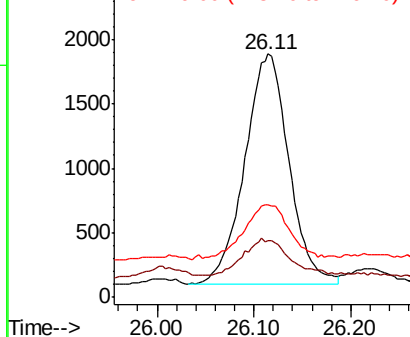
278 100

139 23.4 13.5 20.3#

279 37.9 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(g,h,i)perylene

Concen: 0.044 ng

RT: 26.82 min Scan# 3589

Delta R.T. -0.01 min

Lab File: BN003324.D

Acq: 27 Oct 2018 02:35

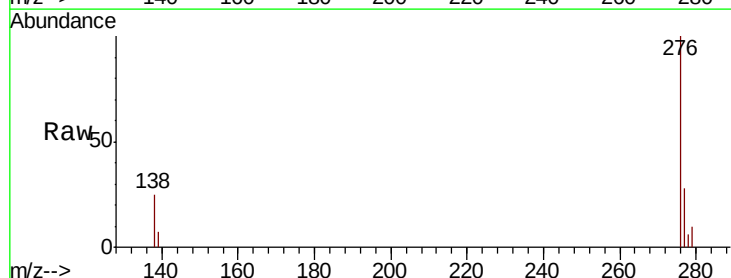
Tgt Ion:276 Resp: 9541

Ion Ratio Lower Upper

276 100

277 27.5 19.5 29.3

138 25.2 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

