

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
 Data File : BN003320.D
 Acq On : 27 Oct 2018 00:15
 Operator : MJ/SJ
 Sample : PB114224BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114224BS

Quant Time: Oct 27 01:10:40 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	14501	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	57059	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	30407	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	76105	0.40	ng	0.00
27) Chrysene-d12	21.42	240	75664	0.40	ng	0.00
34) Perylene-d12	23.74	264	63503	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.43	112	6326	0.18	ng	0.00
5) Phenol-d6	7.01	99	7695	0.17	ng	0.00
8) Nitrobenzene-d5	9.02	82	4797	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	15380	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1615	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	22703	0.17	ng	-0.01
25) Fluoranthene-d10	19.26	212	33485	0.15	ng	0.00
29) Terphenyl-d14	19.86	244	29598	0.17	ng	0.00

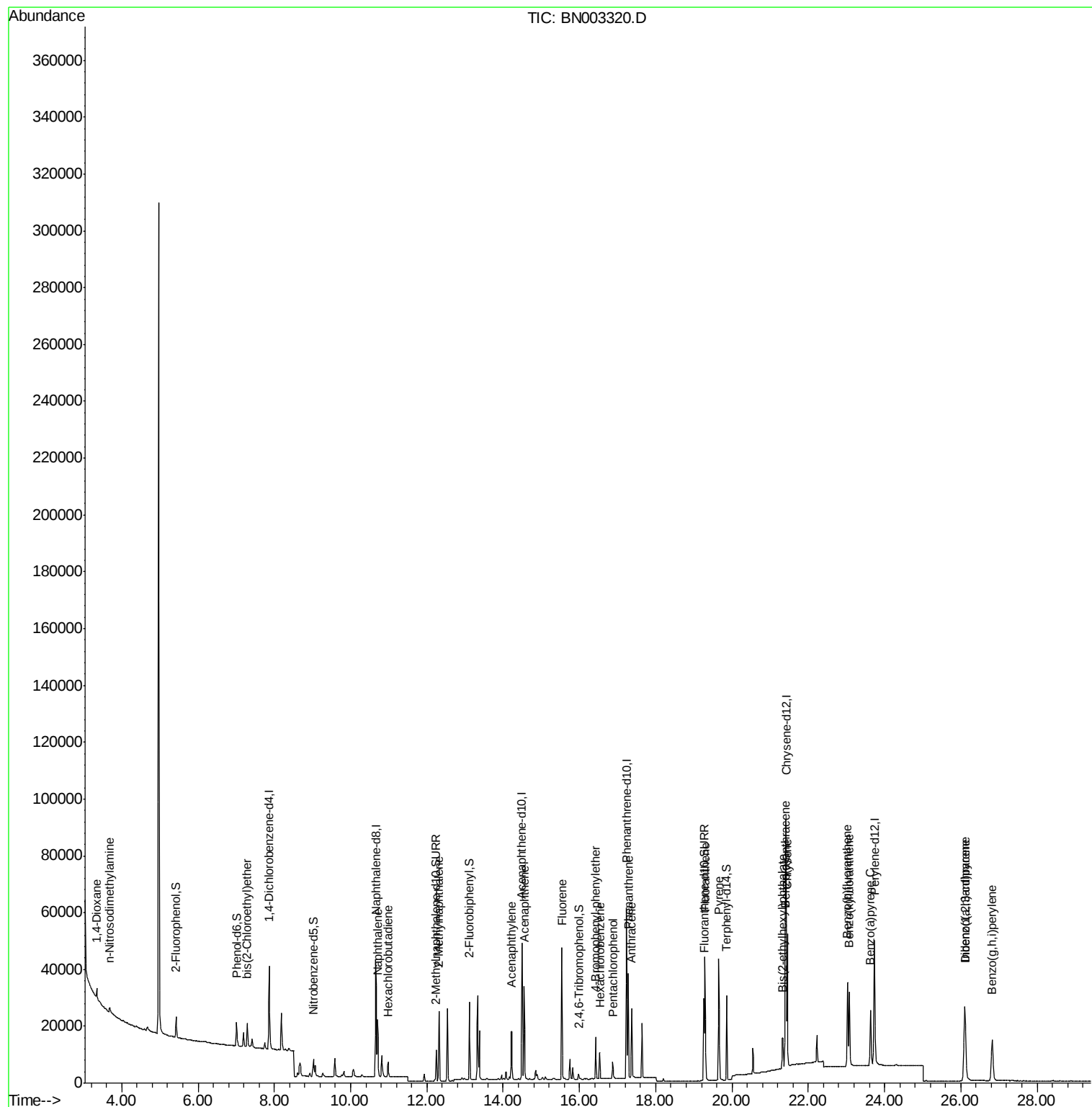
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	2510	0.134	ng	# 64
3) n-Nitrosodimethylamine	3.68	42	1833	0.212	ng	# 90
6) bis(2-Chloroethyl)ether	7.29	93	7214	0.178	ng	98
9) Naphthalene	10.71	128	26458	0.189	ng	99
10) Hexachlorobutadiene	10.99	225	4374	0.172	ng	# 99
12) 2-Methylnaphthalene	12.32	142	18190	0.186	ng	98
16) Acenaphthylene	14.22	152	21865	0.161	ng	100
17) Acenaphthene	14.56	154	16152	0.172	ng	99
18) Fluorene	15.55	166	21132	0.180	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	7098	0.161	ng	# 85
21) Hexachlorobenzene	16.54	284	7768	0.167	ng	99
22) Pentachlorophenol	16.88	266	3015	0.239	ng	98
23) Phenanthrene	17.28	178	37860	0.181	ng	100
24) Anthracene	17.37	178	28866	0.161	ng	100
26) Fluoranthene	19.29	202	39059	0.163	ng	100
28) Pyrene	19.66	202	38473	0.184	ng	99
30) Benzo(a)anthracene	21.40	228	32368	0.163	ng	98
31) Chrysene	21.45	228	39337	0.184	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	8008	0.136	ng	100
33) Indeno(1,2,3-cd)pyrene	26.10	276	36390	0.164	ng	98
35) Benzo(b)fluoranthene	23.03	252	37191	0.190	ng	98
36) Benzo(k)fluoranthene	23.08	252	35697	0.182	ng	96
37) Benzo(a)pyrene	23.63	252	29957	0.166	ng	# 95
38) Dibenzo(a,h)anthracene	26.12	278	29808	0.177	ng	98
39) Benzo(g,h,i)perylene	26.82	276	33420	0.199	ng	99

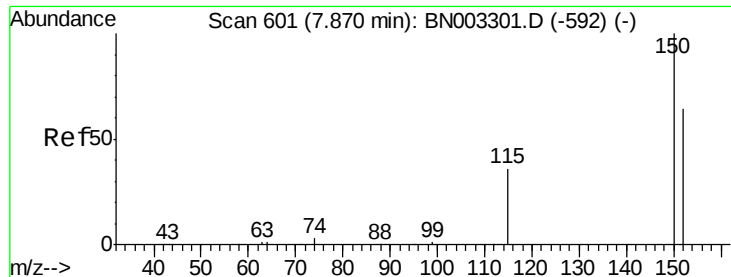
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

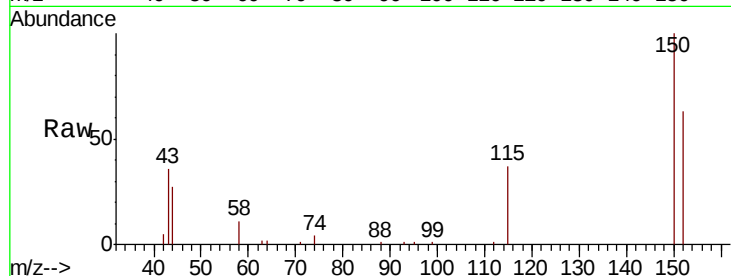
Tgt Ion:152 Resp: 14501

Ion Ratio Lower Upper

152 100

150 159.3 124.6 187.0

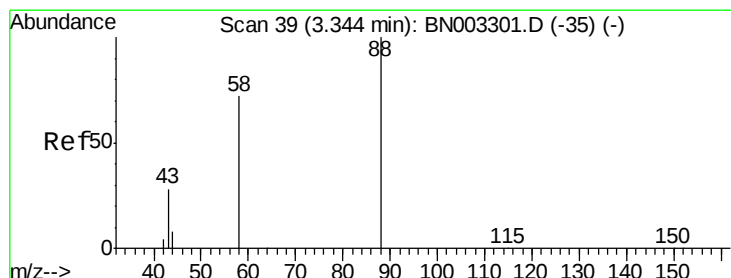
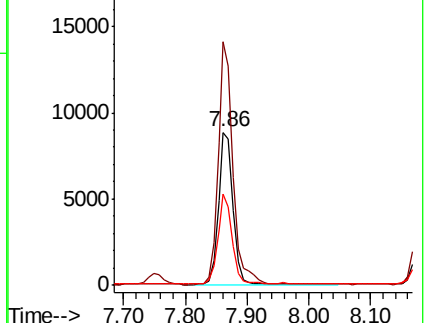
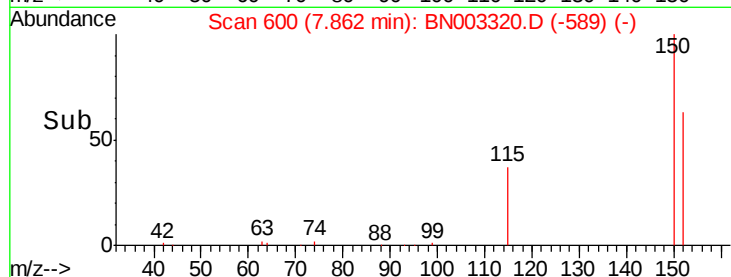
115 59.6 46.4 69.6



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



#2

1,4-Dioxane

Concen: 0.134 ng

RT: 3.34 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

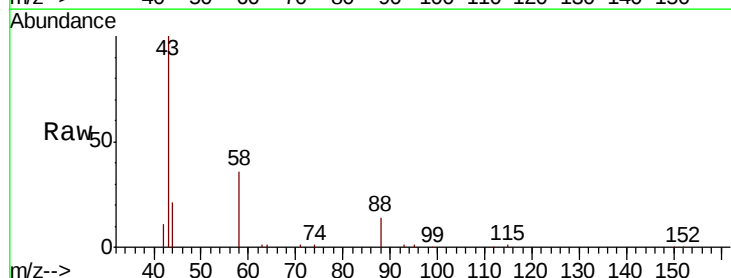
Tgt Ion: 88 Resp: 2510

Ion Ratio Lower Upper

88 100

58 100.2 60.9 91.3#

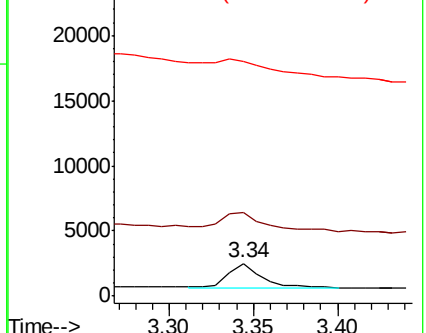
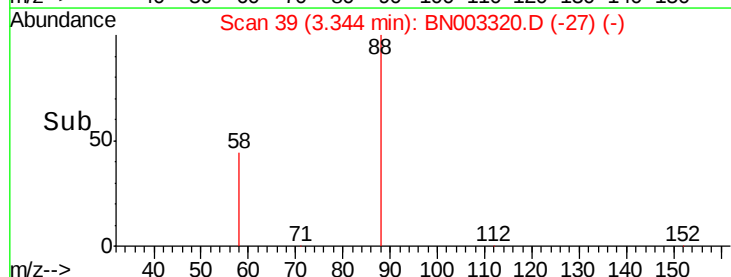
43 0.0 23.9 35.9#

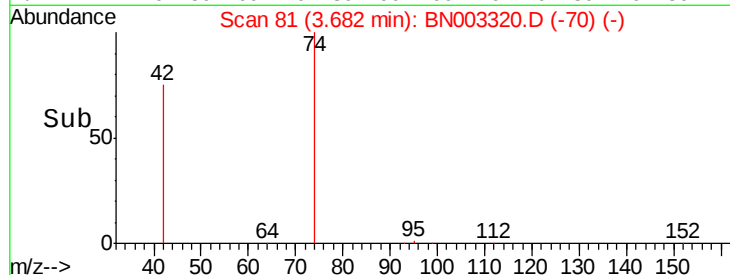
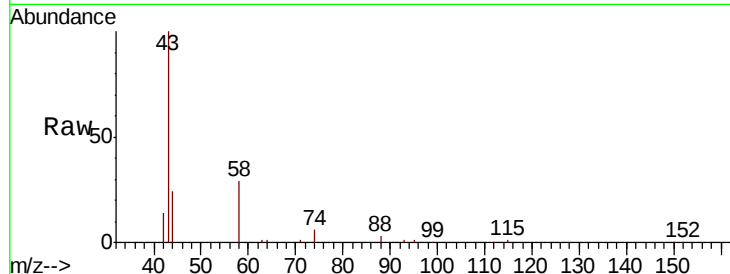
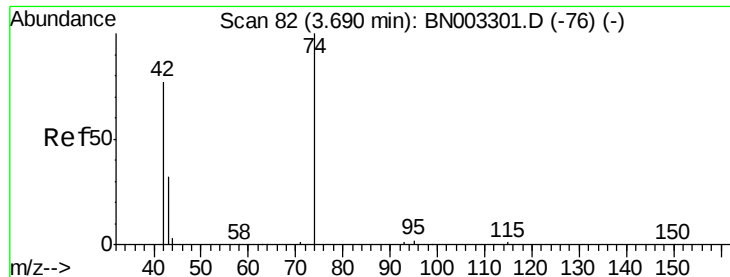


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.212 ng

RT: 3.68 min Scan# 81

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

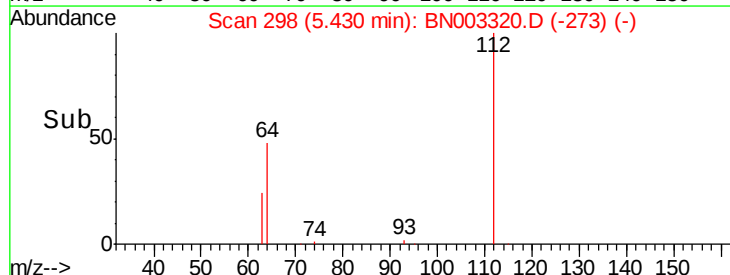
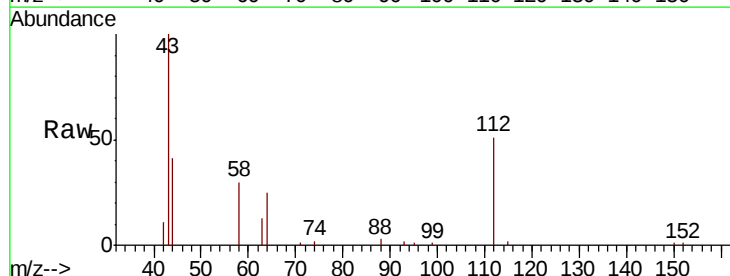
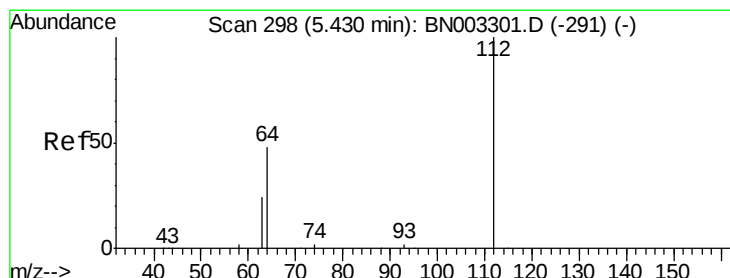
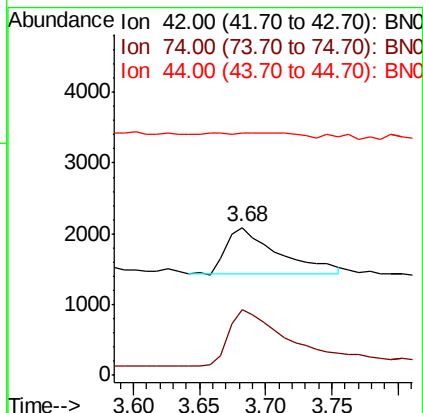
Tgt Ion: 42 Resp: 1833

Ion Ratio Lower Upper

42 100

74 134.9 99.1 148.7

44 0.0 4.2 6.4#



#4

2-Fluorophenol

Concen: 0.176 ng

RT: 5.43 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

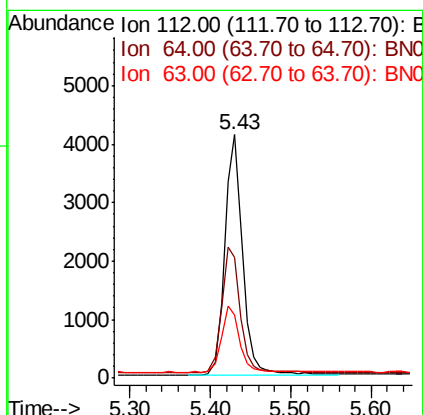
Tgt Ion: 112 Resp: 6326

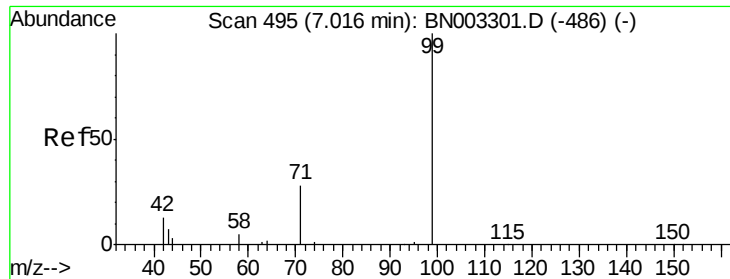
Ion Ratio Lower Upper

112 100

64 55.2 44.3 66.5

63 28.2 22.4 33.6





#5

Phenol-d6

Concen: 0.170 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

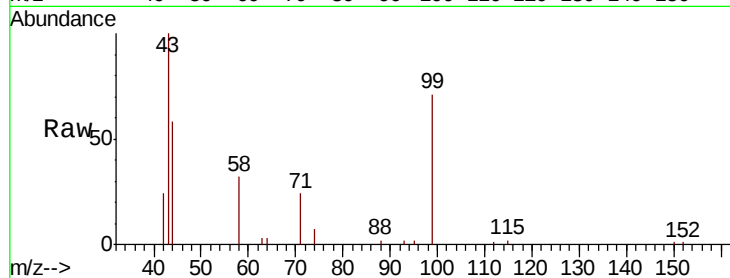
Tgt Ion: 99 Resp: 7695

Ion Ratio Lower Upper

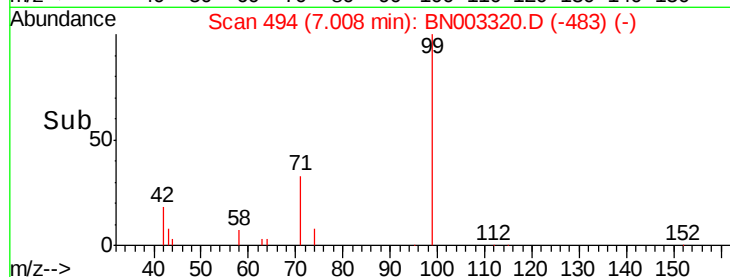
99 100

42 19.3 14.8 22.2

71 30.3 24.8 37.2



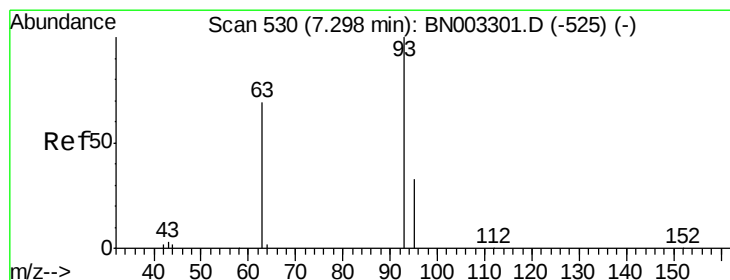
Abundance Ion 99.00 (98.70 to 99.70): BN003320.D (-483) (-)



Ion 42.00 (41.70 to 42.70): BN003320.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN003320.D (-483) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.178 ng

RT: 7.29 min Scan# 529

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

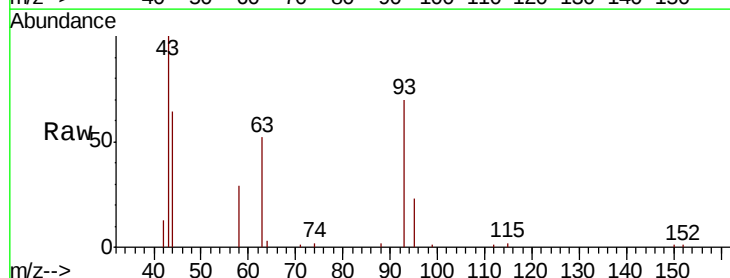
Tgt Ion: 93 Resp: 7214

Ion Ratio Lower Upper

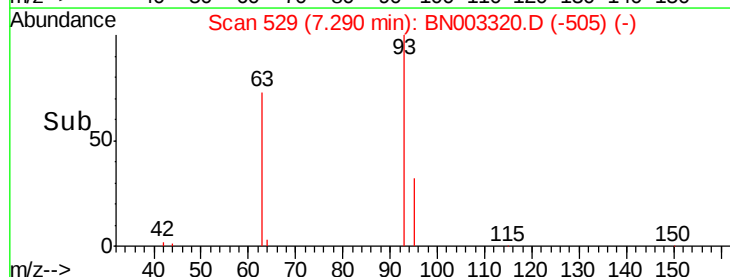
93 100

63 72.1 55.8 83.6

95 31.9 25.4 38.2



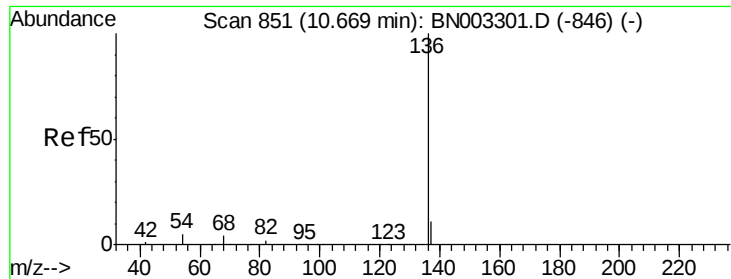
Abundance Ion 93.00 (92.70 to 93.70): BN003320.D (-505) (-)



Ion 63.00 (62.70 to 63.70): BN003320.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN003320.D (-505) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

Tgt Ion:136 Resp: 57059

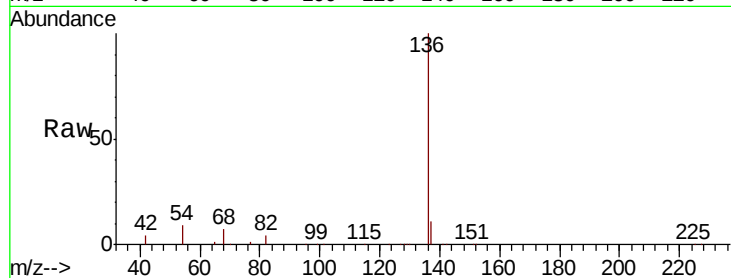
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.7 4.1 6.1#

68 6.8 3.5 5.3#

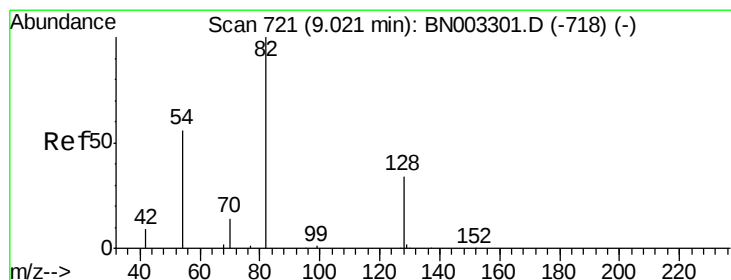
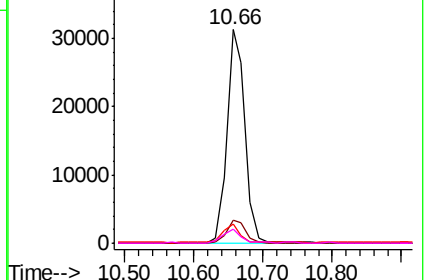
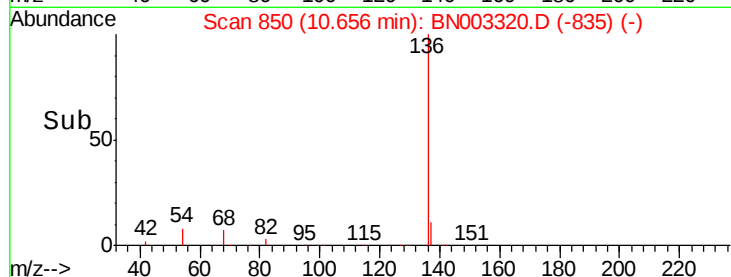


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.192 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

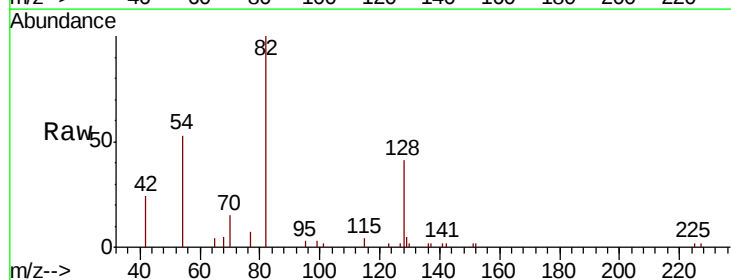
Tgt Ion: 82 Resp: 4797

Ion Ratio Lower Upper

82 100

128 40.7 28.9 43.3

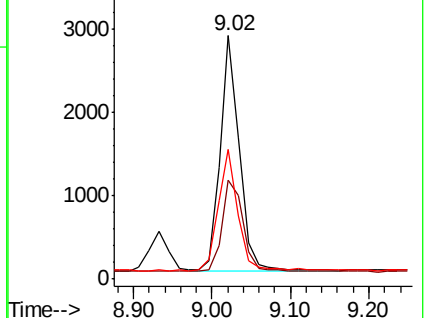
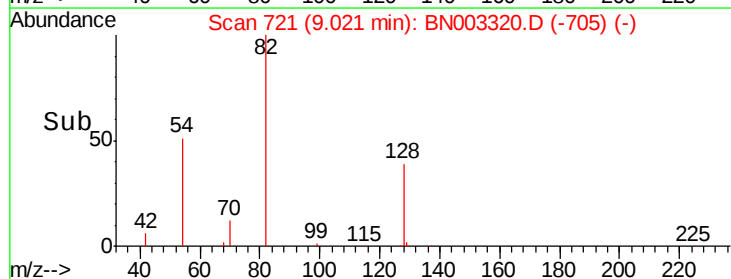
54 53.2 46.1 69.1

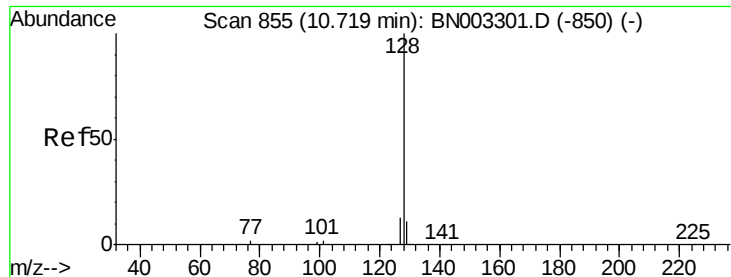


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.189 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

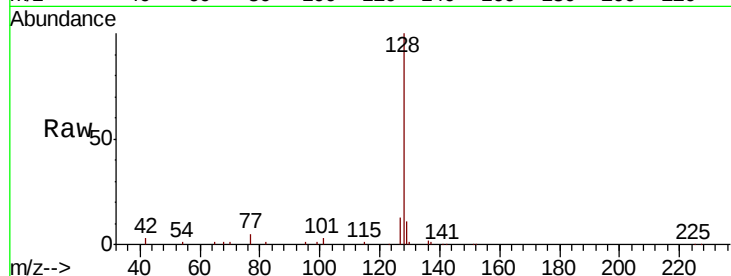
Tgt Ion:128 Resp: 26458

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

127 13.2 10.2 15.4

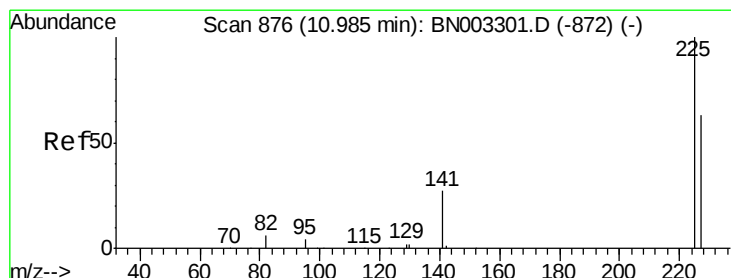
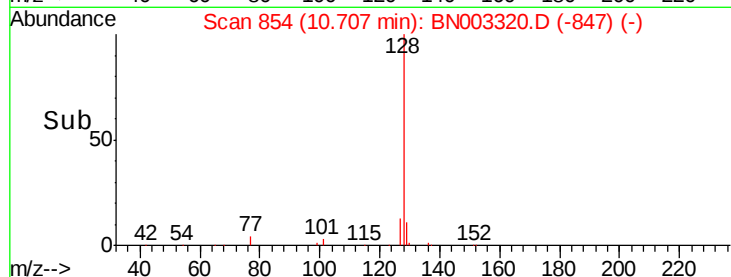
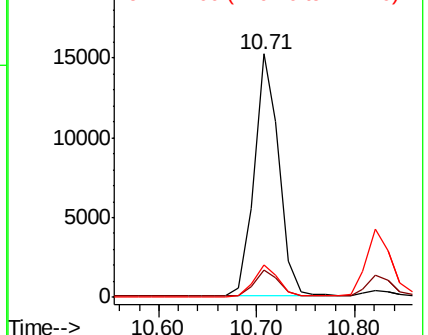


Abundance

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: 0.172 ng

RT: 10.99 min Scan# 876

Delta R.T. 0.00 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

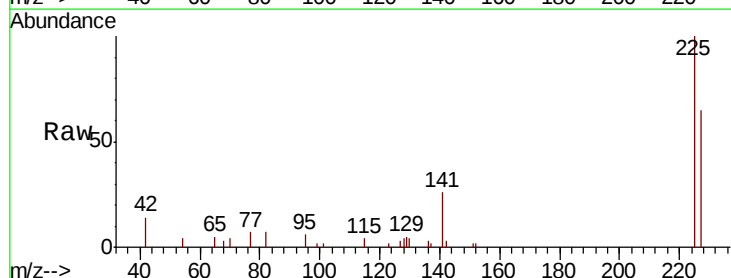
Tgt Ion:225 Resp: 4374

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.6 51.3 76.9

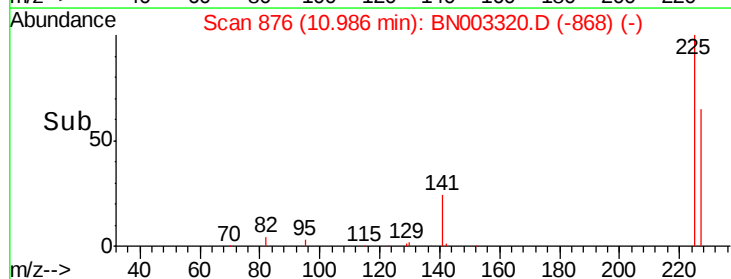
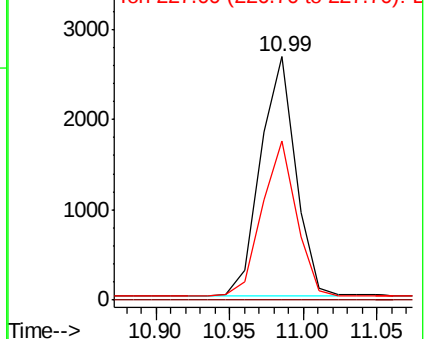


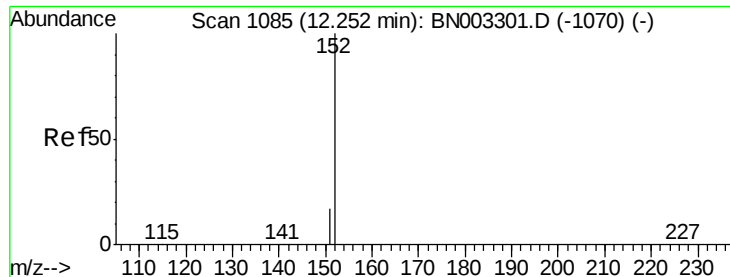
Abundance

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

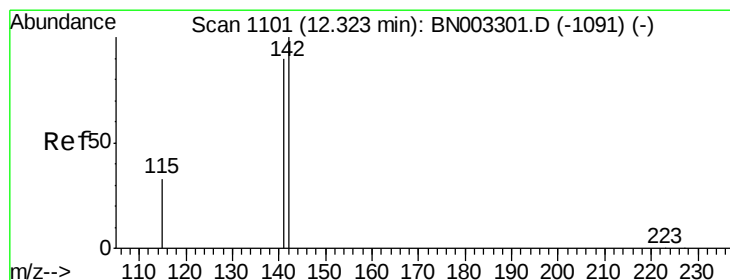
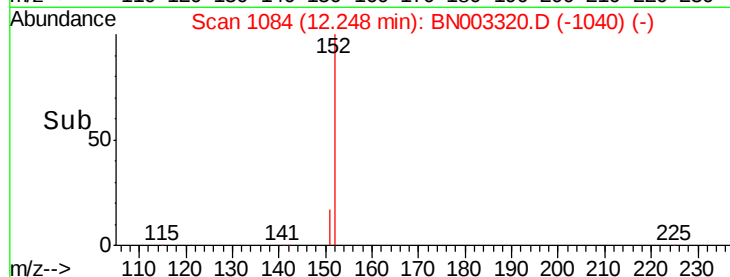
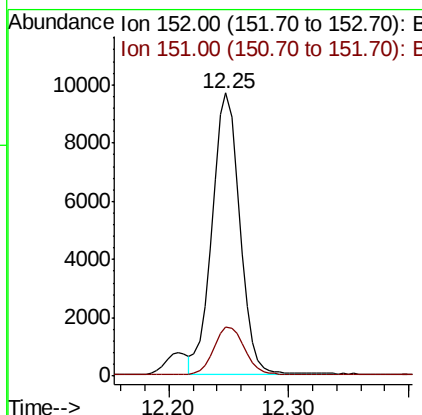
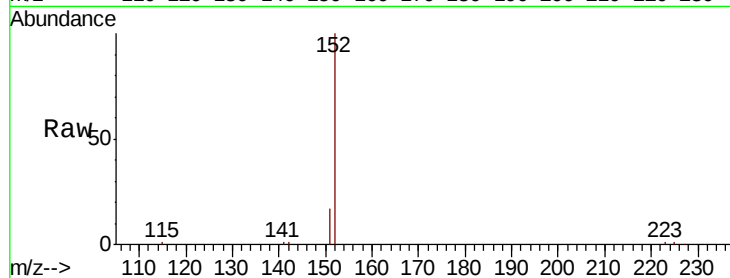




#11
 2-Methylnaphthalene-d10
 Concen: 0.166 ng
 RT: 12.25 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BN003320.D
 Acq: 27 Oct 2018 00:15

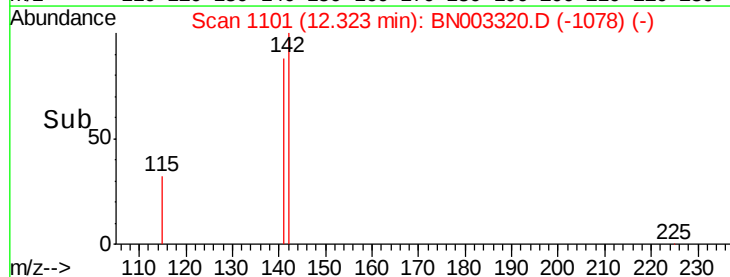
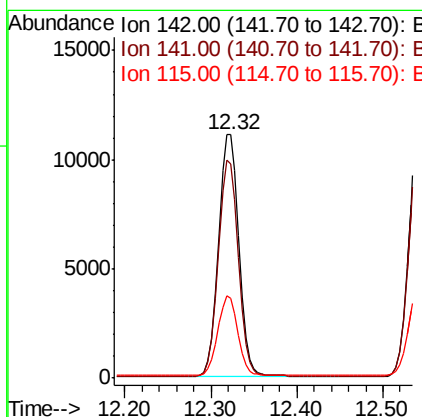
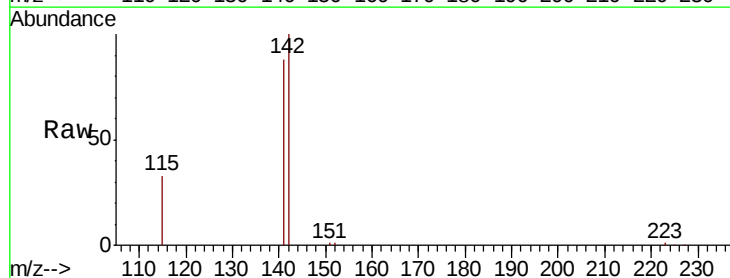
Instrument :
 BNA_N
 ClientSampleId :
 PB114224BS

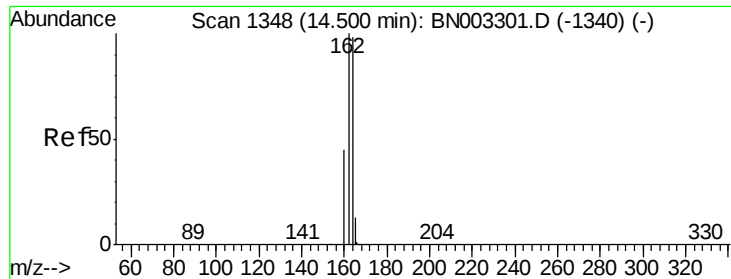
Tgt Ion:152 Resp: 15380
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.186 ng
 RT: 12.32 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BN003320.D
 Acq: 27 Oct 2018 00:15

Tgt Ion:142 Resp: 18190
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.9 107.9
 115 32.8 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: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

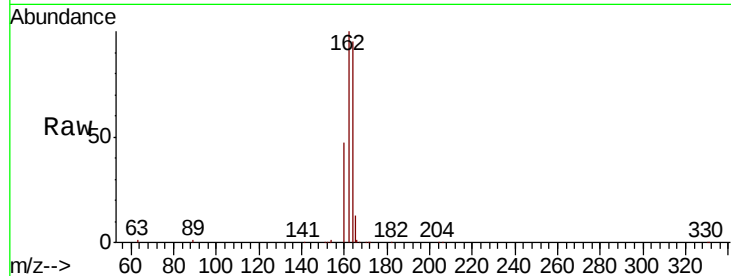
Tgt Ion:164 Resp: 30407

Ion Ratio Lower Upper

164 100

162 105.2 81.8 122.6

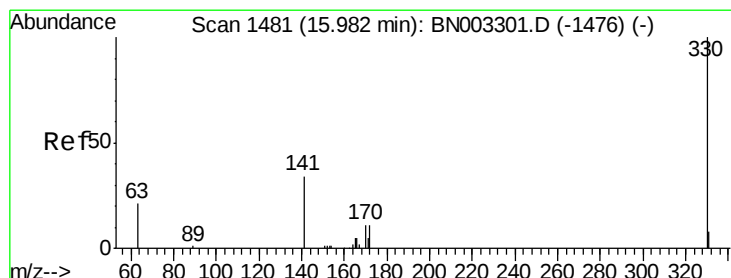
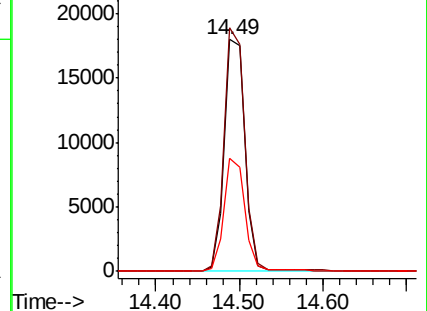
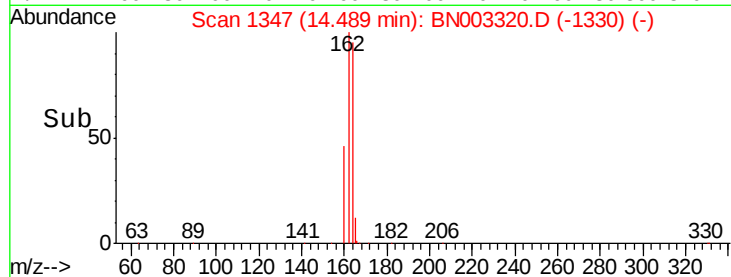
160 48.9 37.2 55.8



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: 0.133 ng

RT: 15.98 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

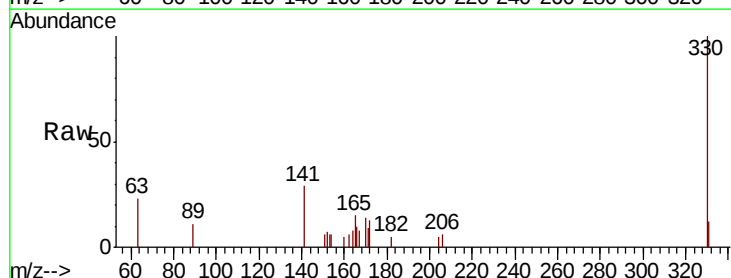
Tgt Ion:330 Resp: 1615

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

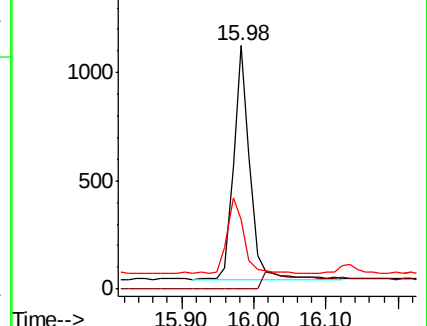
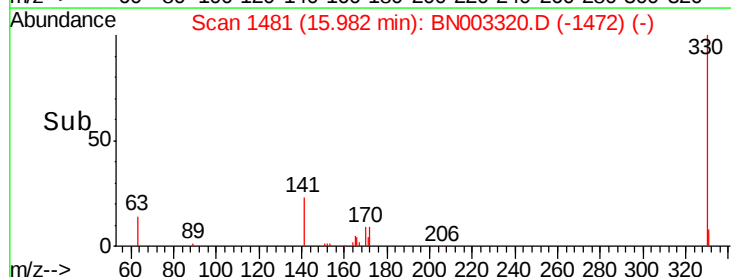
141 34.4 28.3 42.5

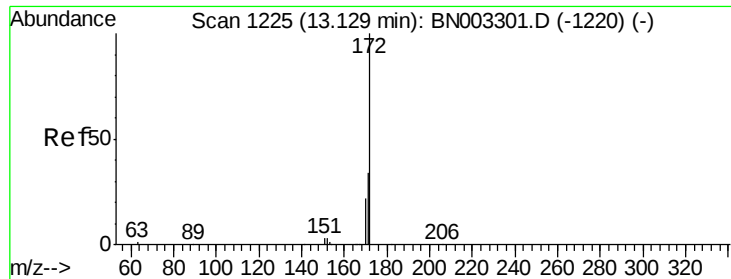


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

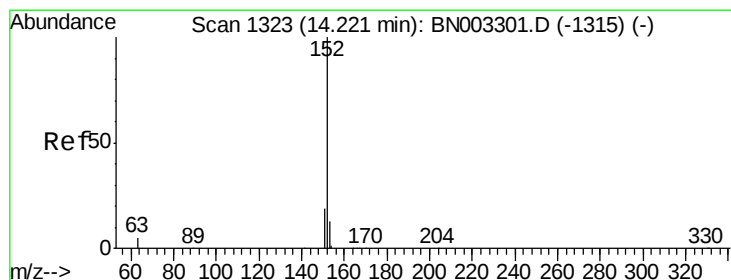
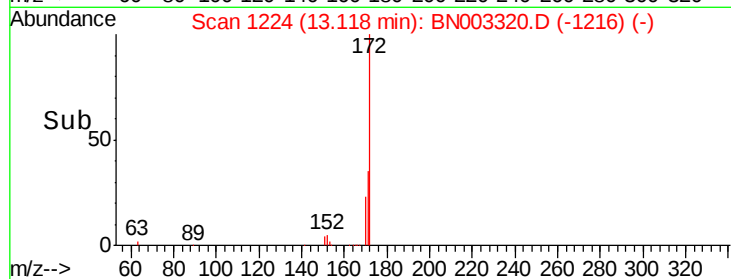
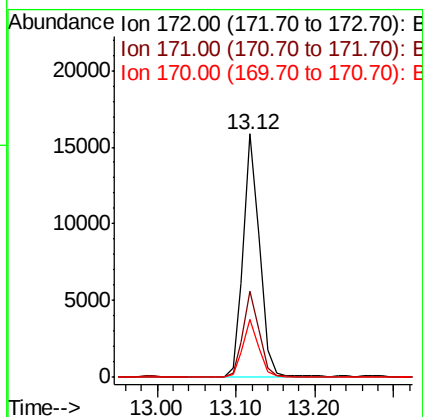
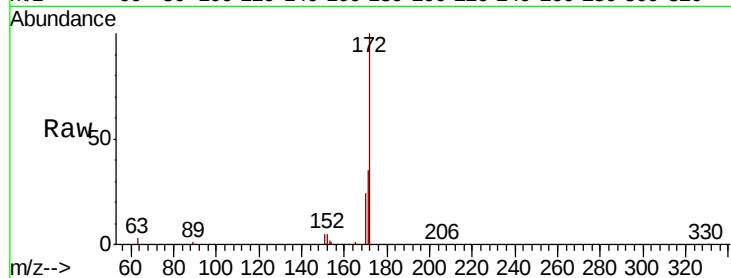




#15
2-Fluorobiphenyl
Concen: 0.174 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

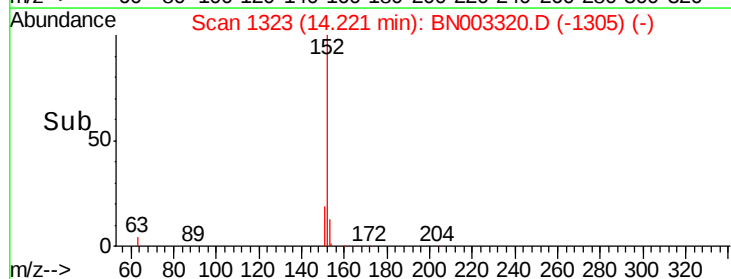
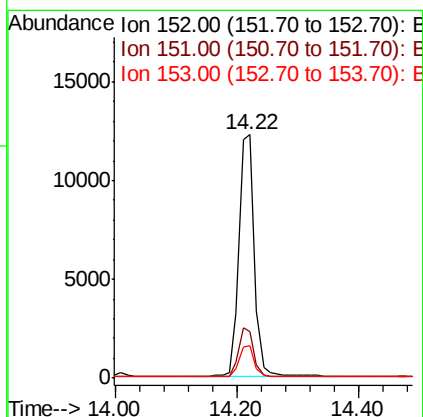
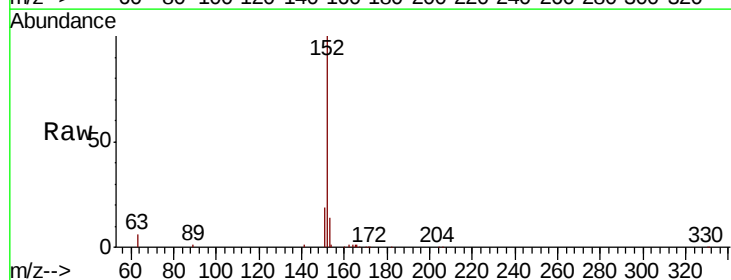
Instrument :
BNA_N
ClientSampleId :
PB114224BS

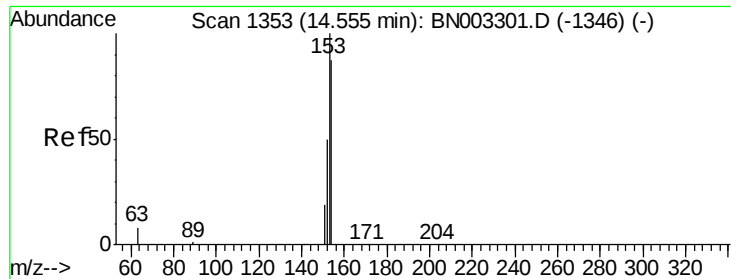
Tgt Ion:172 Resp: 22703
Ion Ratio Lower Upper
172 100
171 35.2 27.1 40.7
170 23.6 17.4 26.0



#16
Acenaphthylene
Concen: 0.161 ng
RT: 14.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:152 Resp: 21865
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.172 ng

RT: 14.56 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

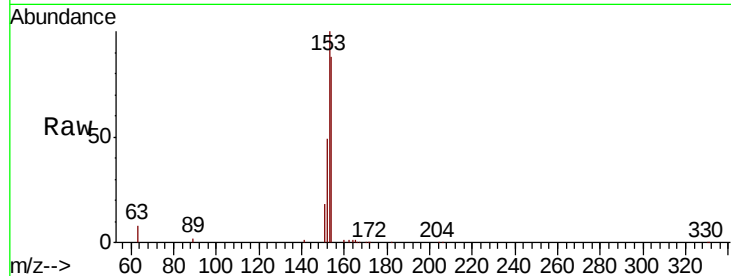
Tgt Ion:154 Resp: 16152

Ion Ratio Lower Upper

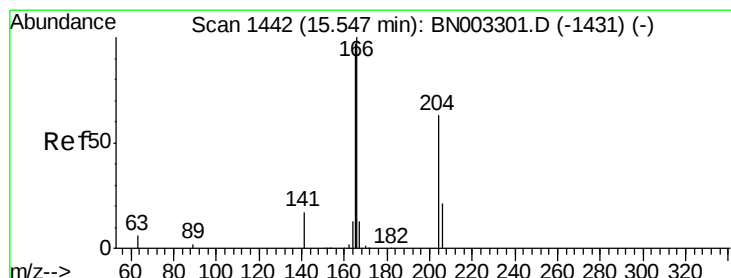
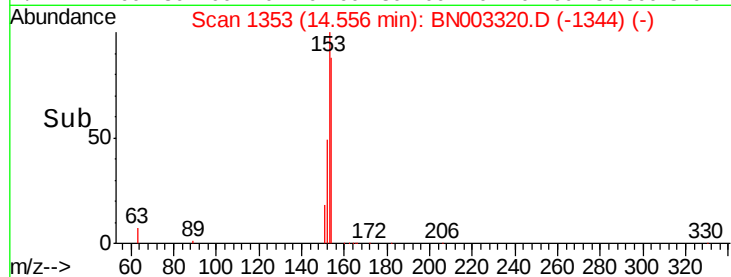
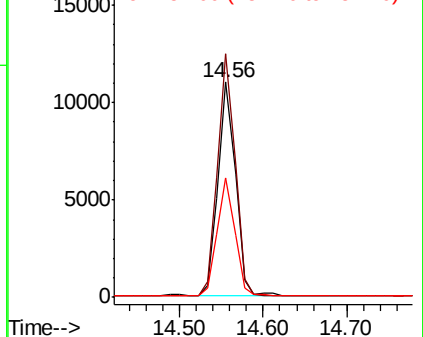
154 100

153 112.5 88.9 133.3

152 55.3 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: 0.180 ng

RT: 15.55 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

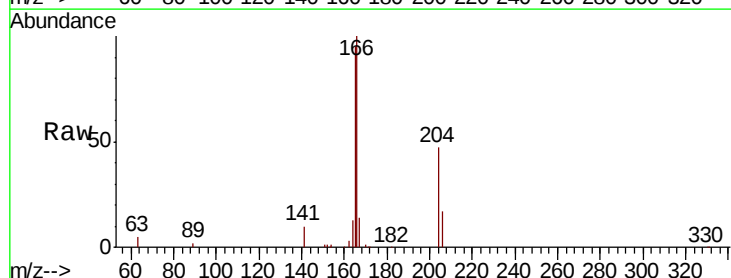
Tgt Ion:166 Resp: 21132

Ion Ratio Lower Upper

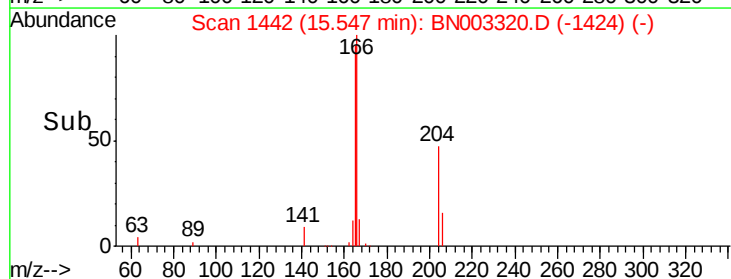
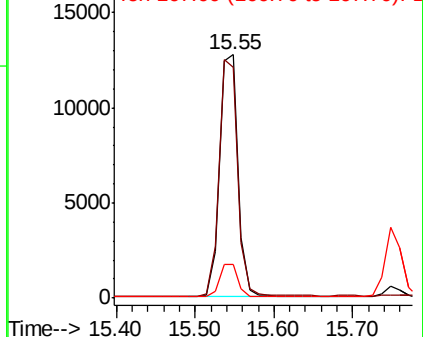
166 100

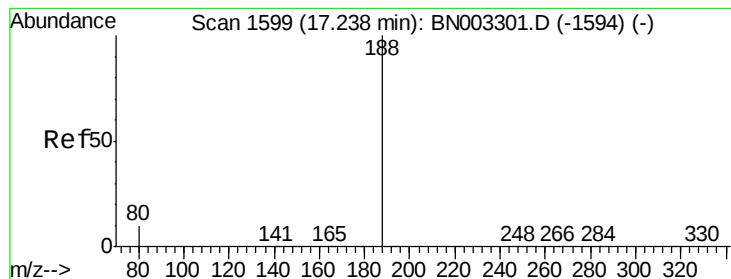
165 97.7 77.8 116.8

167 13.5 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: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

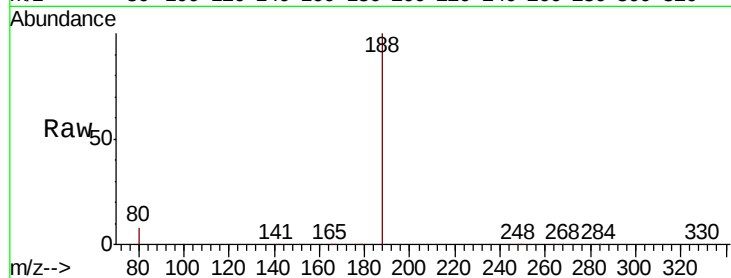
Tgt Ion:188 Resp: 76105

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

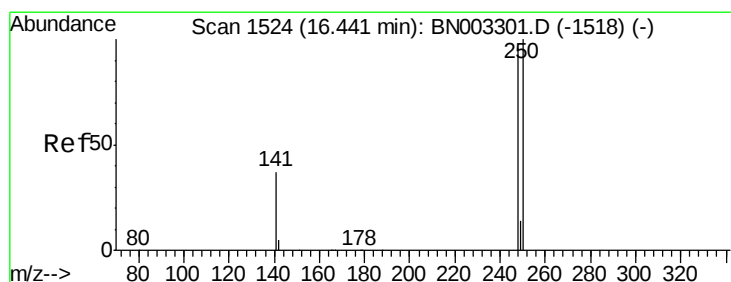
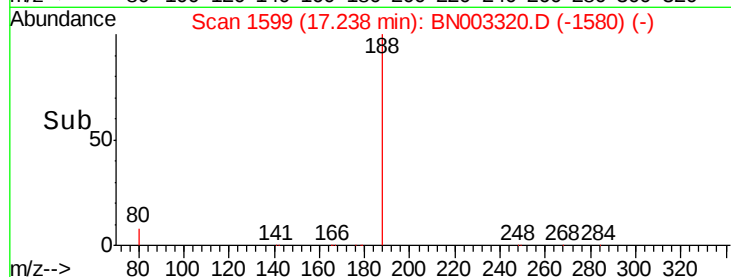
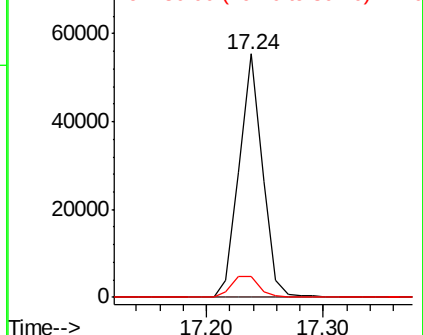
80 8.3 8.6 12.8#



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: 0.161 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

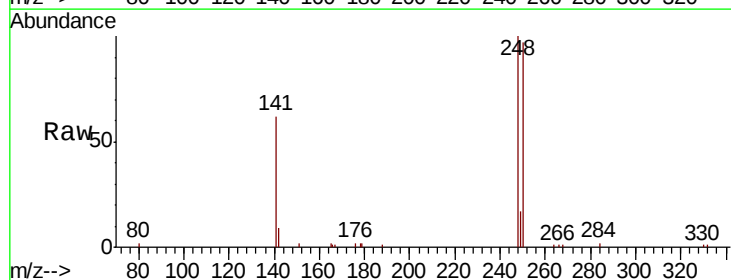
Tgt Ion:248 Resp: 7098

Ion Ratio Lower Upper

248 100

250 97.2 83.7 125.5

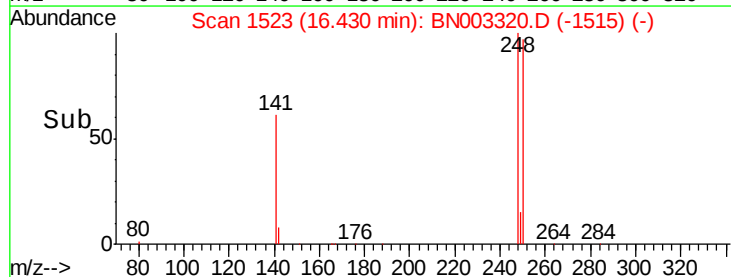
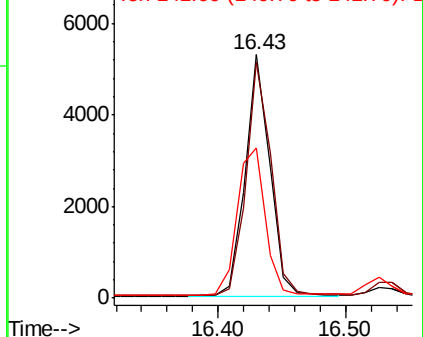
141 61.5 31.4 47.0#

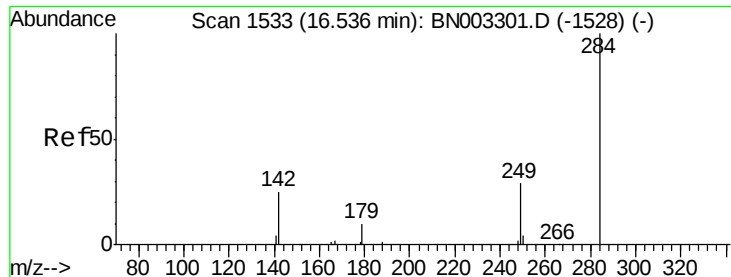


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.167 ng

RT: 16.54 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

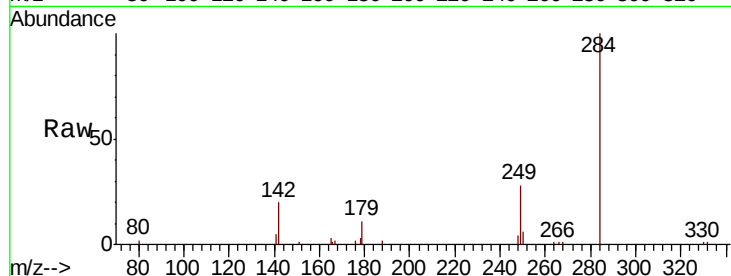
Tgt Ion:284 Resp: 7768

Ion Ratio Lower Upper

284 100

142 36.5 29.7 44.5

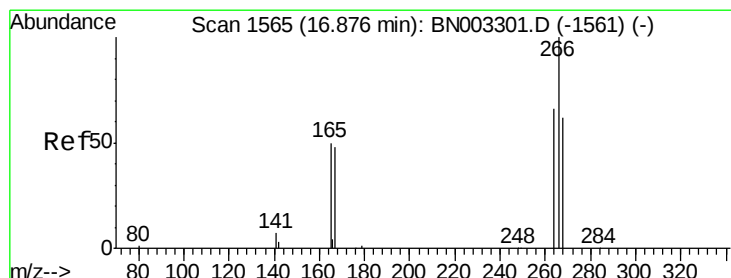
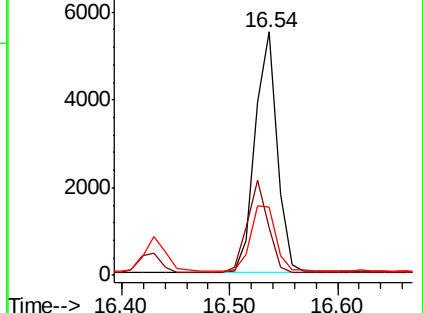
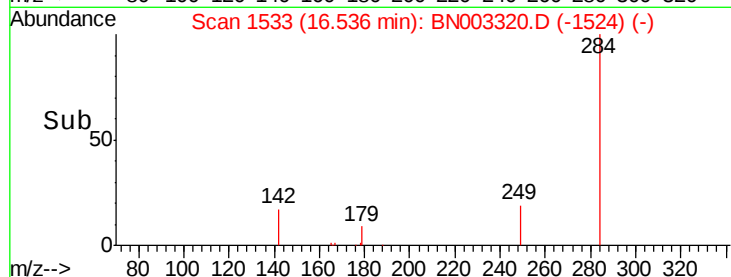
249 30.7 24.0 36.0



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



#22

Pentachlorophenol

Concen: 0.239 ng

RT: 16.88 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

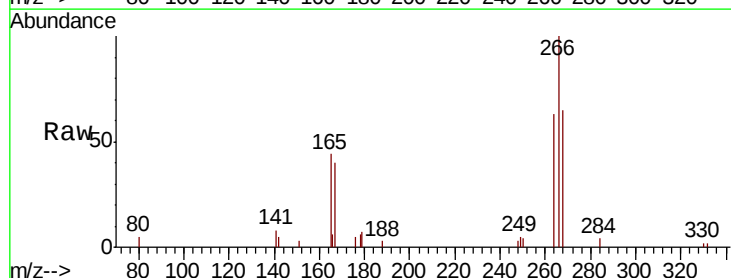
Tgt Ion:266 Resp: 3015

Ion Ratio Lower Upper

266 100

264 62.9 52.1 78.1

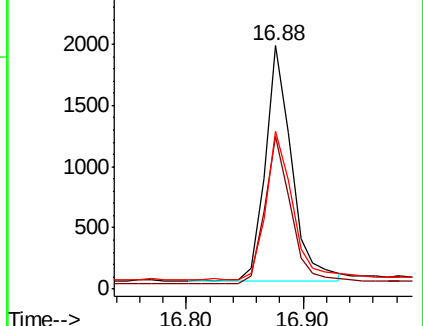
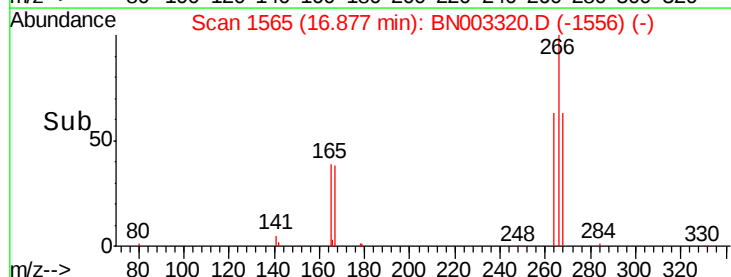
268 65.1 51.8 77.6

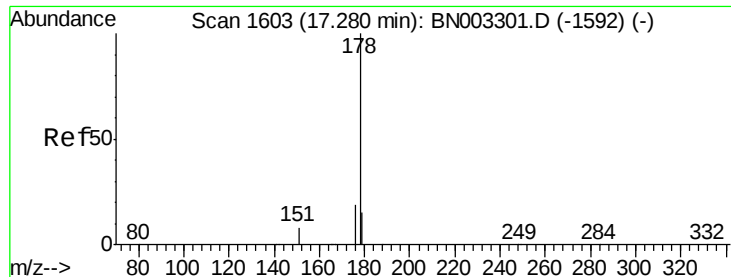


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.181 ng

RT: 17.28 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

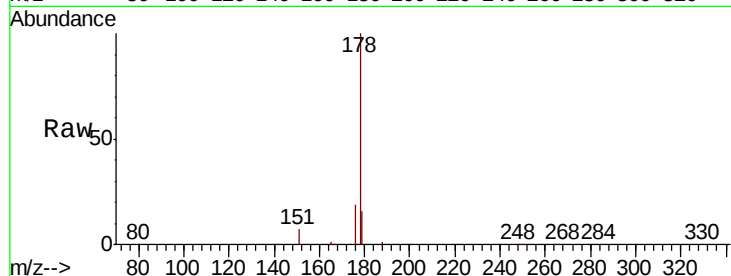
Tgt Ion:178 Resp: 37860

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

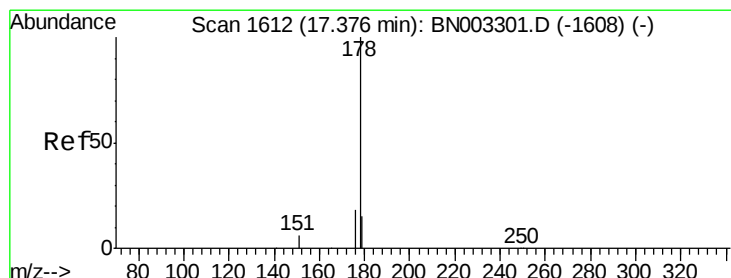
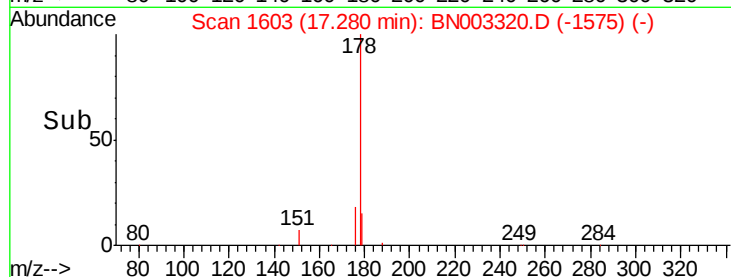
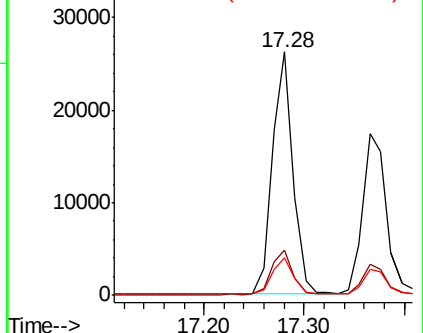
179 15.5 12.4 18.6



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: 0.161 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

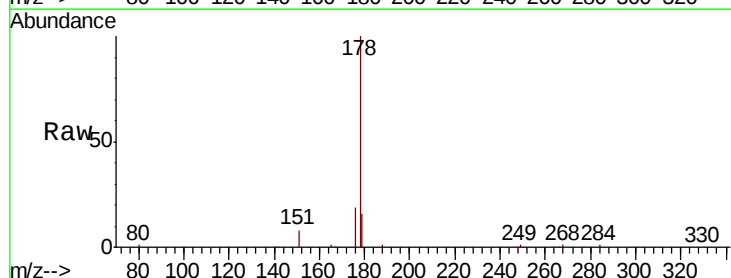
Tgt Ion:178 Resp: 28866

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

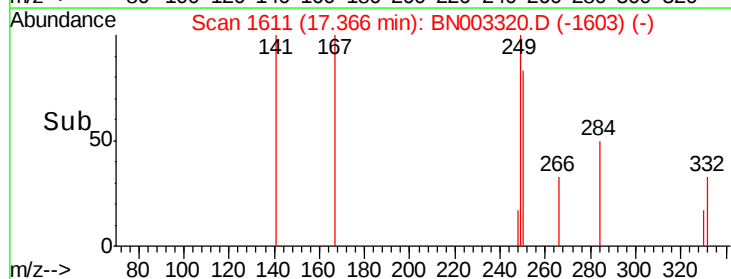
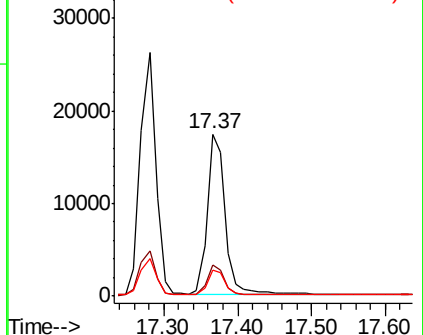
179 15.4 12.2 18.4

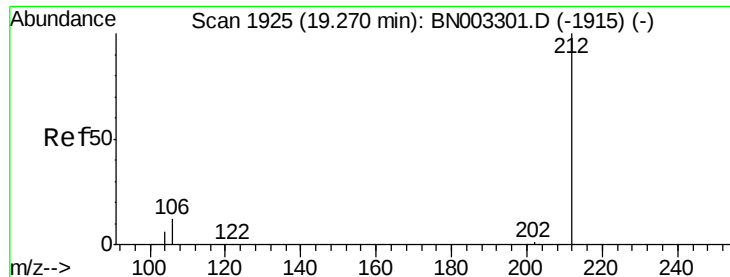


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

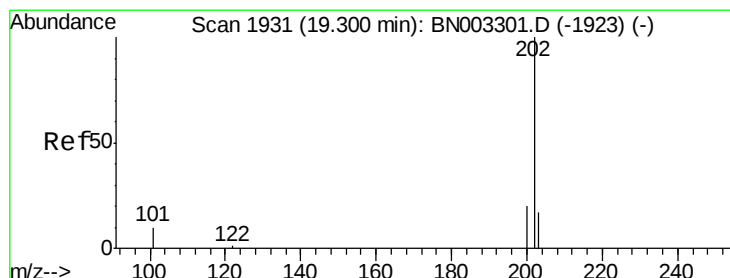
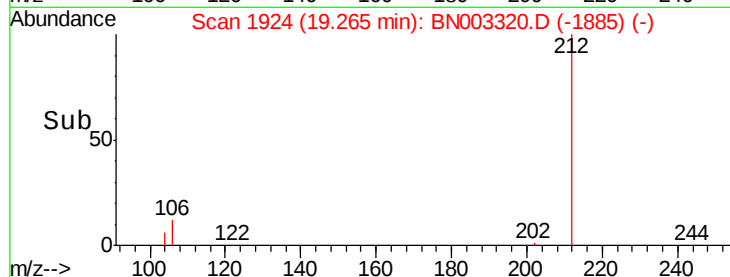
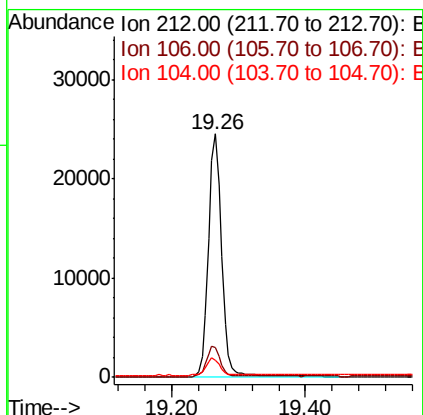
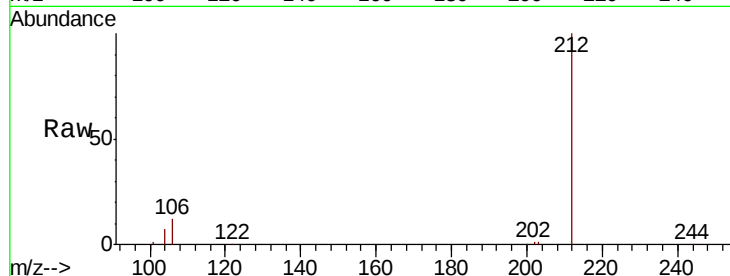




#25
 Fluoranthene-d10
 Concen: 0.151 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: BN003320.D
 Acq: 27 Oct 2018 00:15

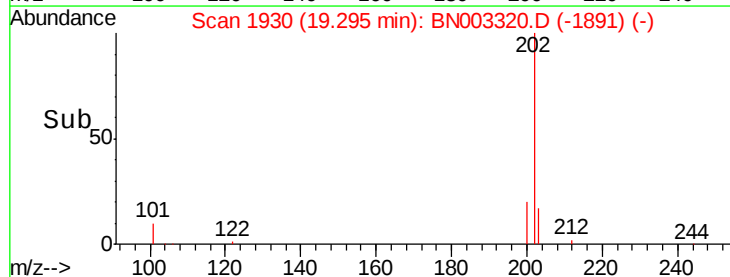
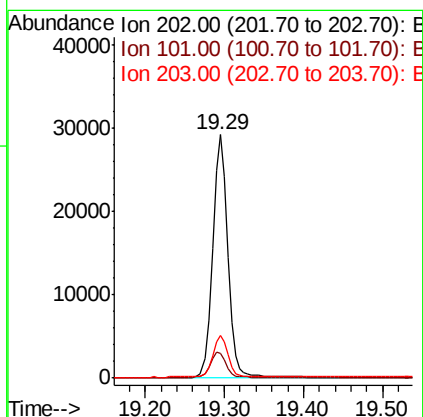
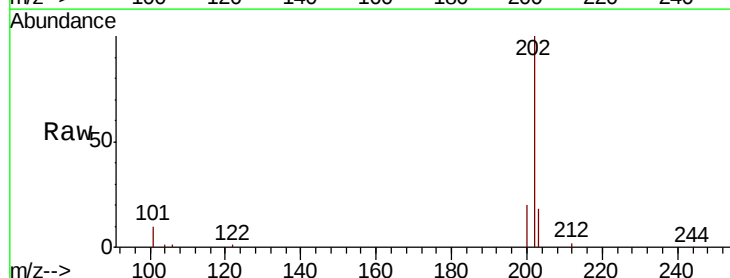
Instrument :
 BNA_N
 ClientSampleId :
 PB114224BS

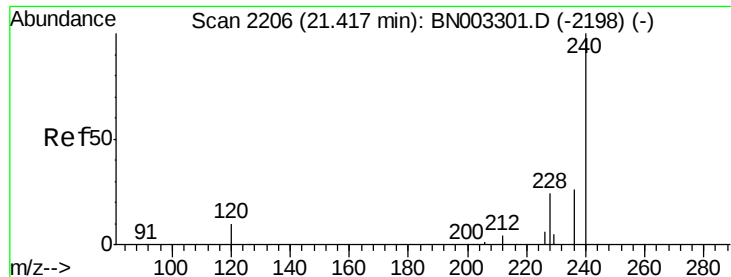
Tgt Ion: 212 Resp: 33485
 Ion Ratio Lower Upper
 212 100
 106 12.5 10.3 15.5
 104 7.1 5.6 8.4



#26
 Fluoranthene
 Concen: 0.163 ng
 RT: 19.29 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BN003320.D
 Acq: 27 Oct 2018 00:15

Tgt Ion: 202 Resp: 39059
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.0 13.4
 203 17.0 13.8 20.6

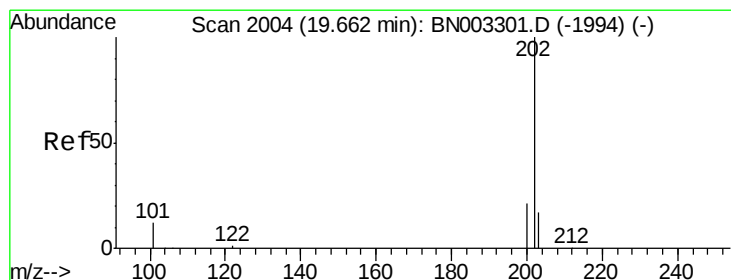
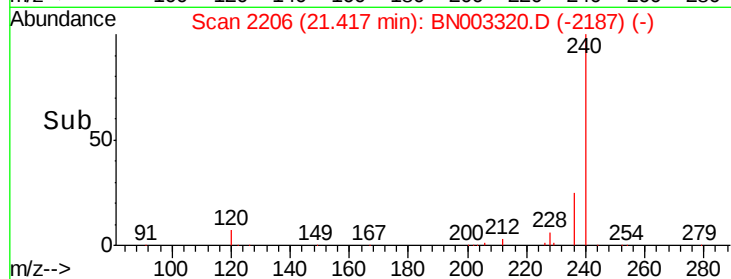
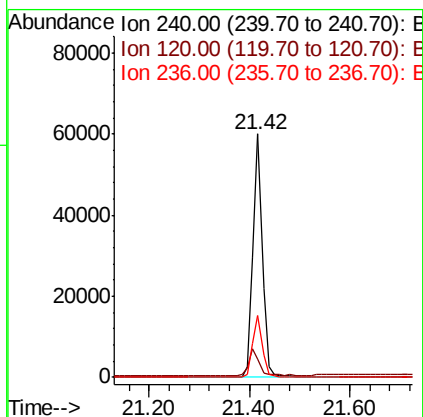
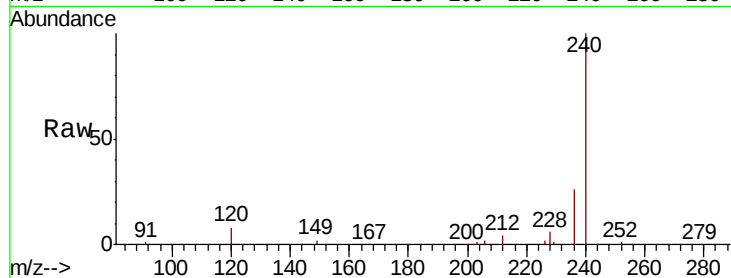




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

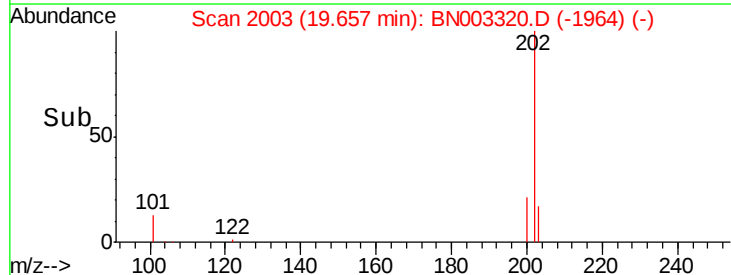
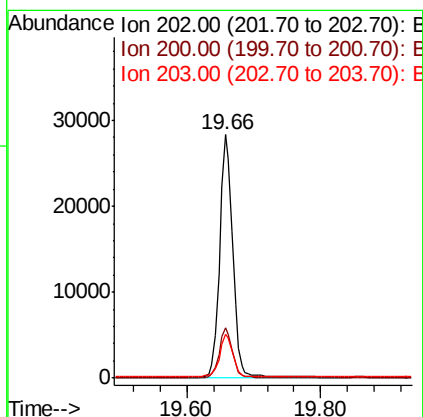
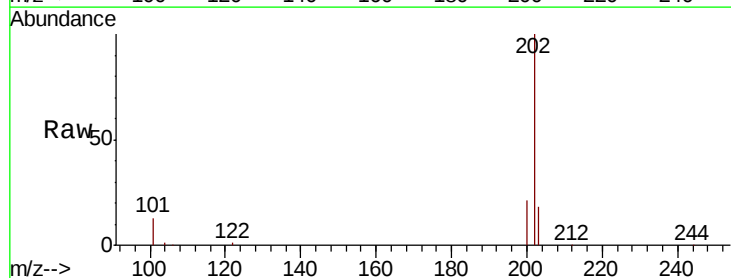
Instrument :
BNA_N
ClientSampleId :
PB114224BS

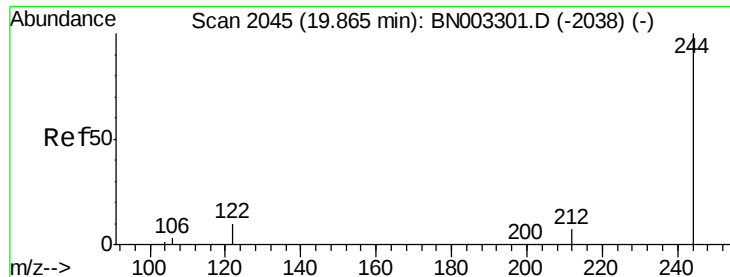
Tgt Ion:240 Resp: 75664
Ion Ratio Lower Upper
240 100
120 7.8 9.3 13.9#
236 25.5 21.0 31.4



#28
Pyrene
Concen: 0.184 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:202 Resp: 38473
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 18.0 13.9 20.9





#29

Terphenyl-d14

Concen: 0.168 ng

RT: 19.86 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

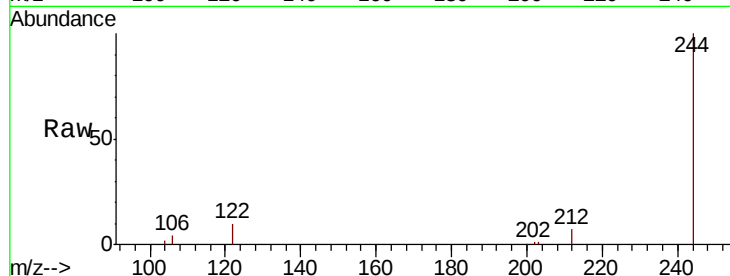
Tgt Ion:244 Resp: 29598

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

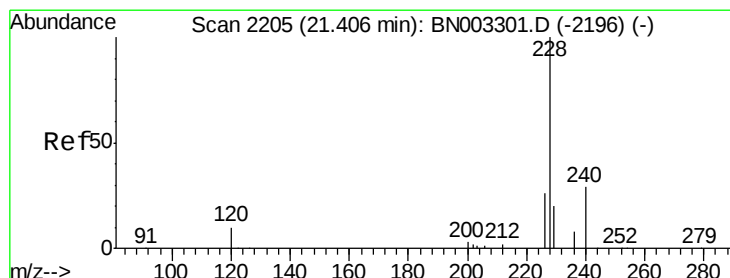
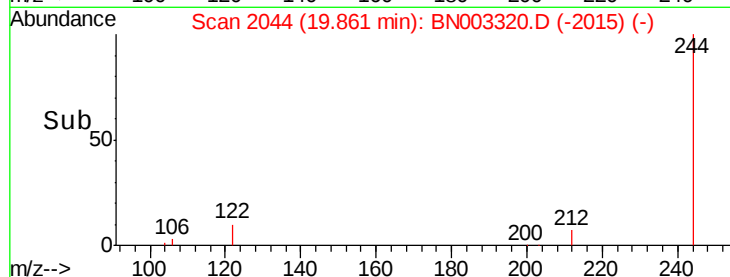
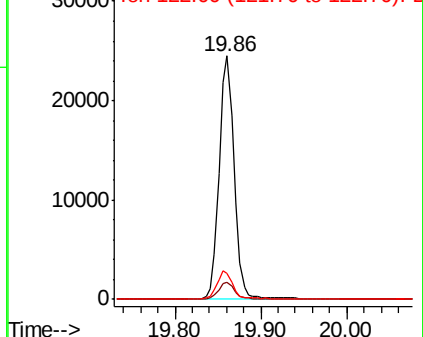
122 10.5 8.5 12.7



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: 0.163 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

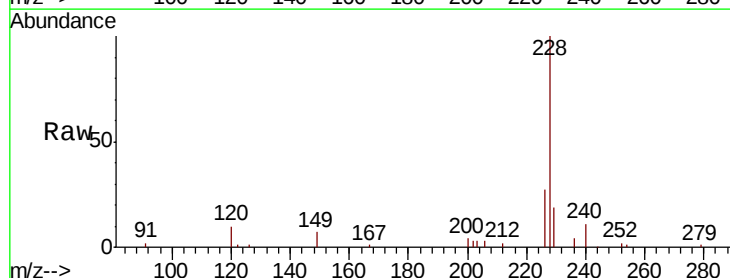
Tgt Ion:228 Resp: 32368

Ion Ratio Lower Upper

228 100

226 27.4 20.8 31.2

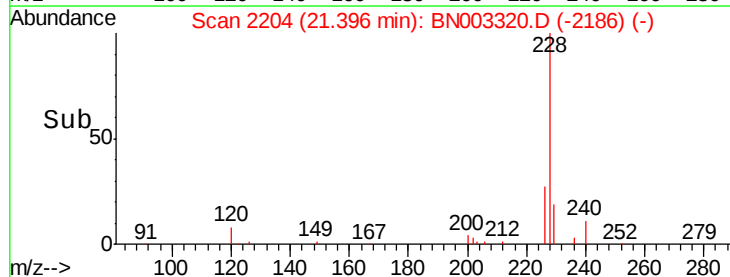
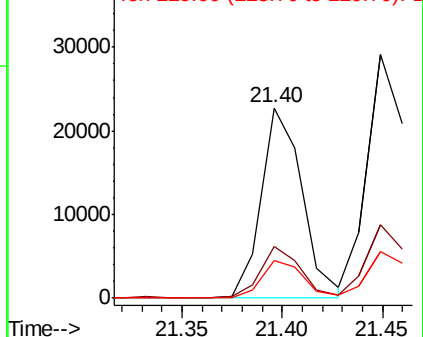
229 19.4 16.1 24.1

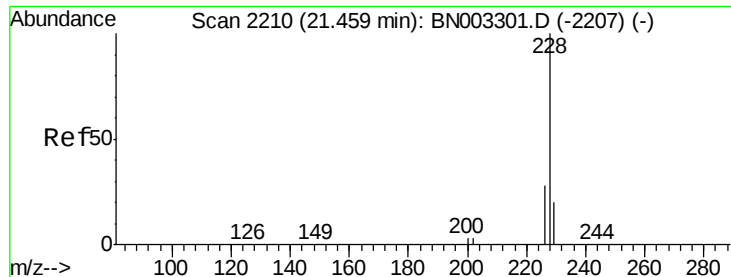


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.184 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

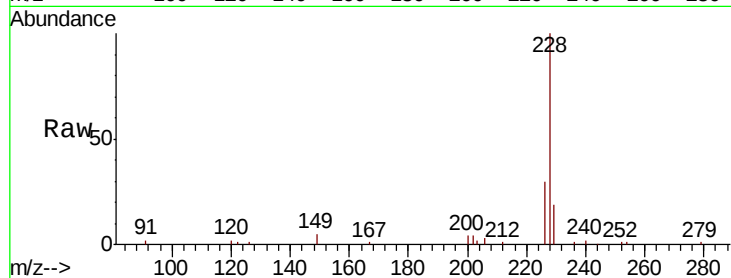
Tgt Ion:228 Resp: 39337

Ion Ratio Lower Upper

228 100

226 30.2 22.7 34.1

229 19.2 16.0 24.0

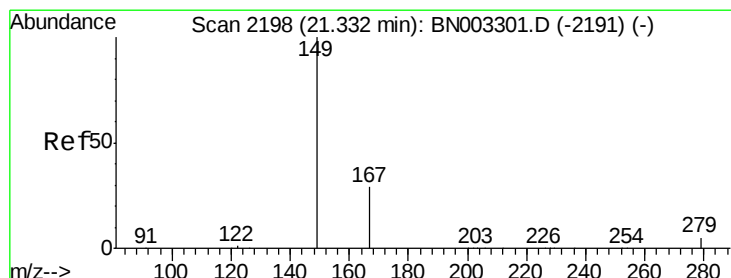
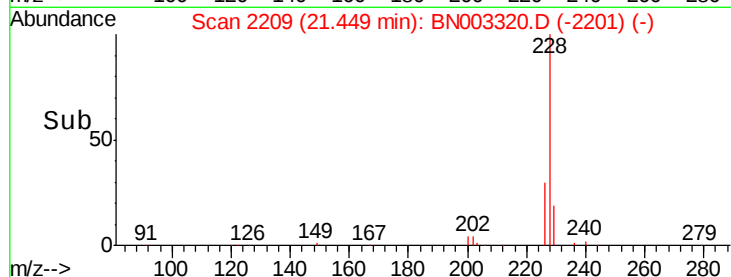
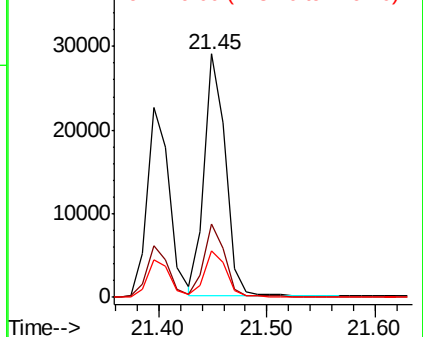


Abundance

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: 0.136 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

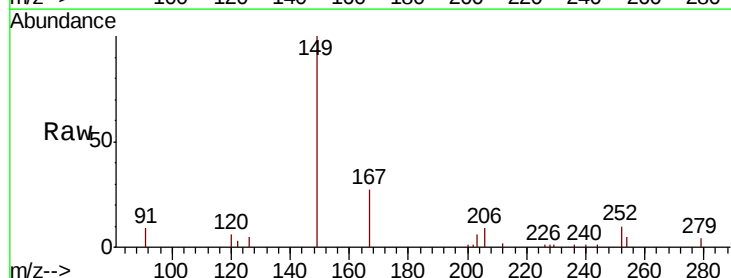
Tgt Ion:149 Resp: 8008

Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

279 5.4 3.9 5.9

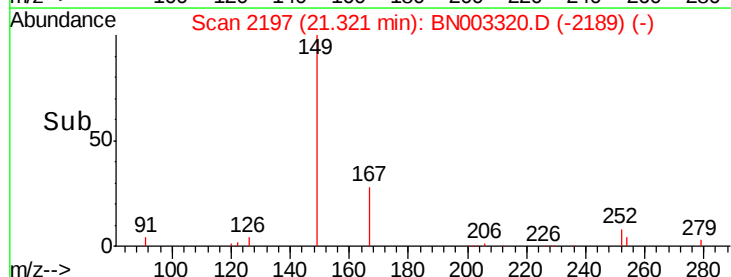
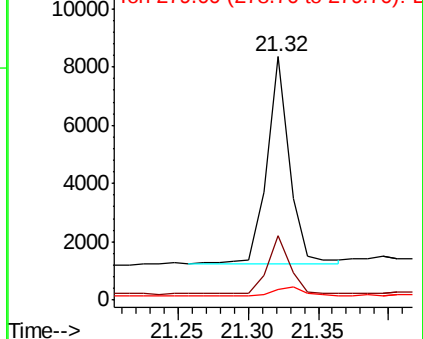


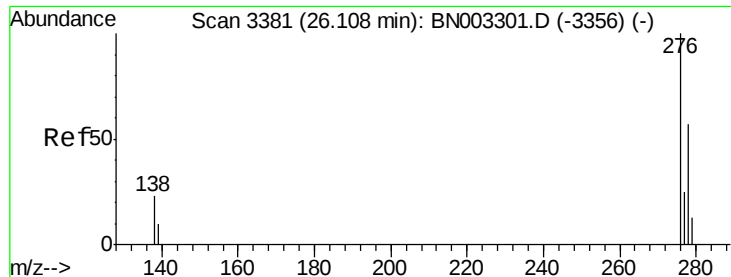
Abundance

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: 0.164 ng

RT: 26.10 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

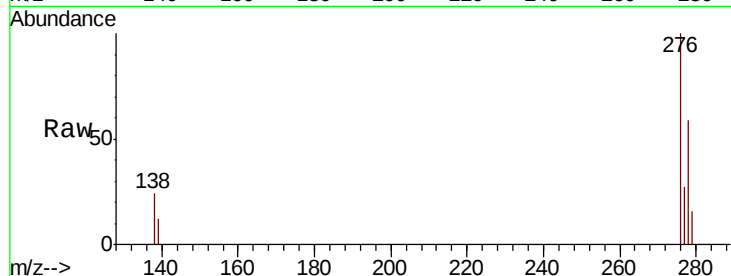
Tgt Ion:276 Resp: 36390

Ion Ratio Lower Upper

276 100

138 23.8 20.6 30.8

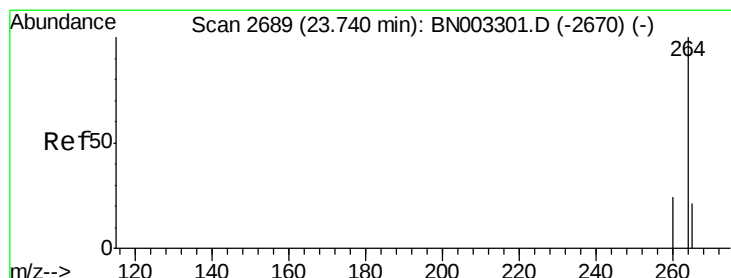
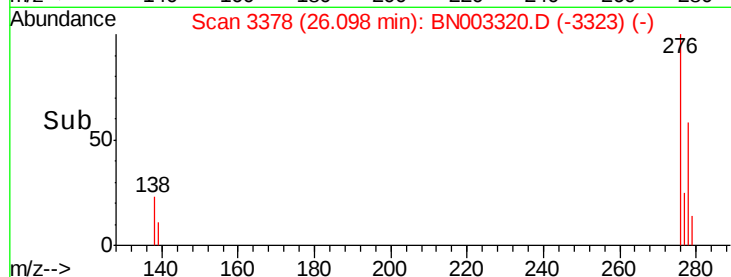
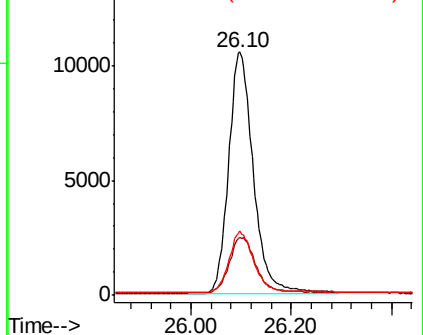
277 24.8 20.0 30.0



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: BN003320.D

Acq: 27 Oct 2018 00:15

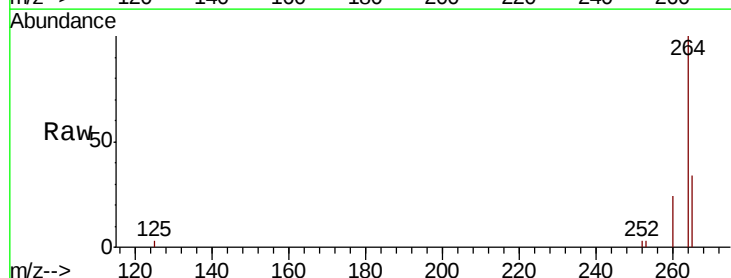
Tgt Ion:264 Resp: 63503

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

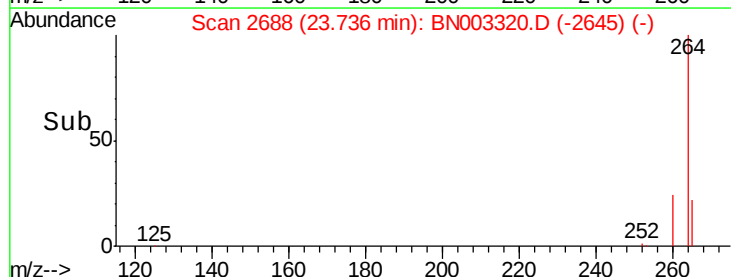
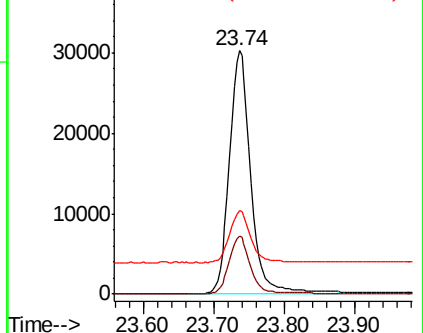
265 34.4 26.4 39.6

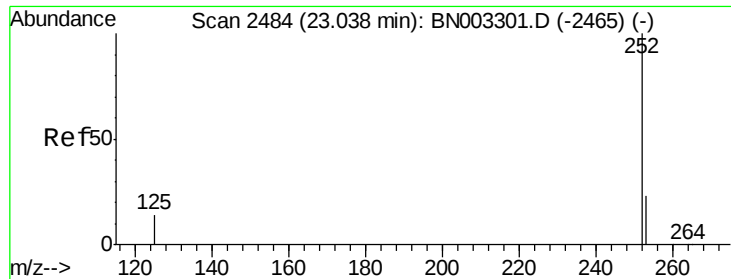


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.190 ng

RT: 23.03 min Scan# 2482

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS

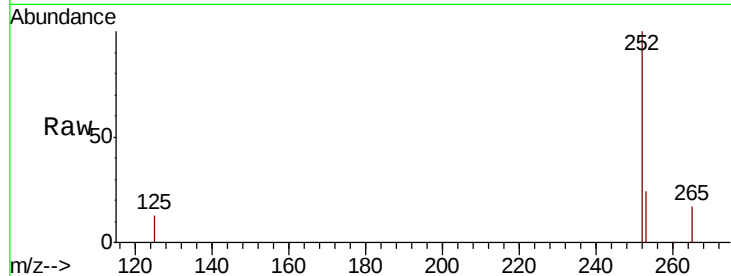
Tgt Ion:252 Resp: 37191

Ion Ratio Lower Upper

252 100

253 24.1 19.3 28.9

125 13.4 12.7 19.1

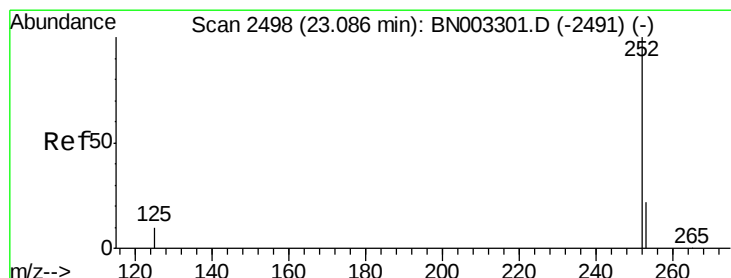
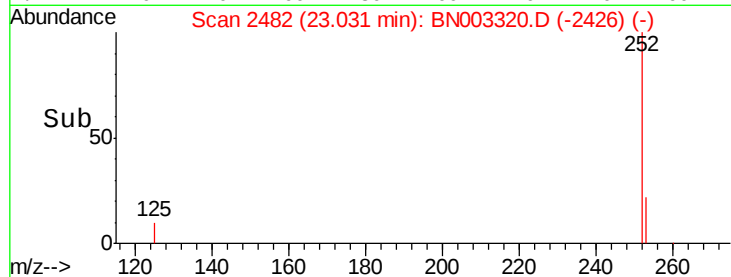
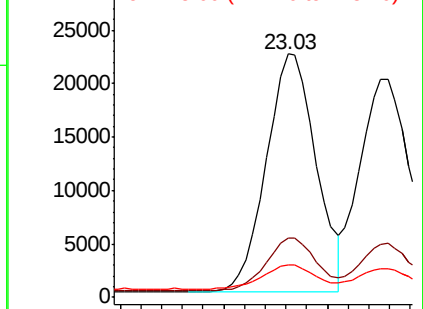


Abundance

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: 0.182 ng

RT: 23.08 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

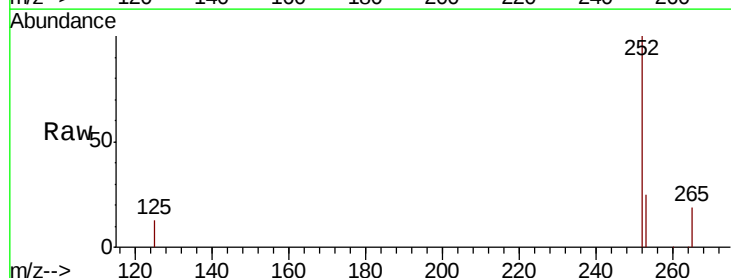
Tgt Ion:252 Resp: 35697

Ion Ratio Lower Upper

252 100

253 24.8 18.5 27.7

125 13.2 9.1 13.7

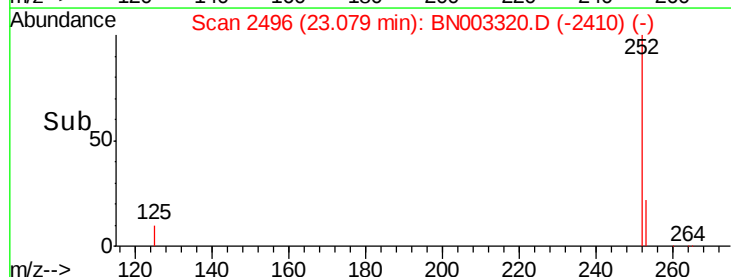
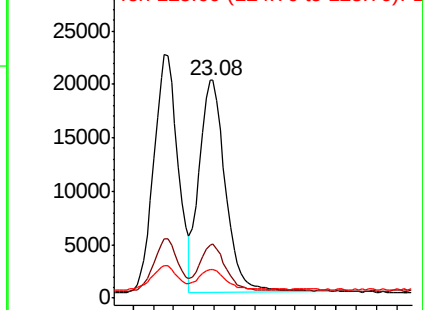


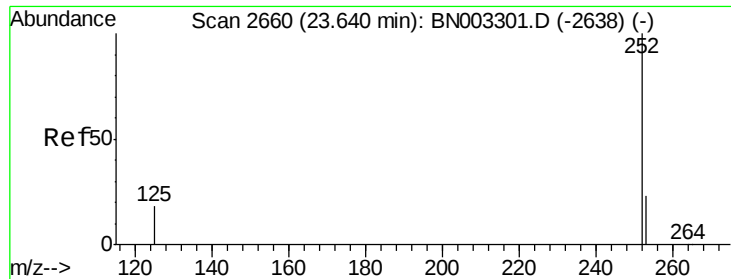
Abundance

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: 0.166 ng

RT: 23.63 min Scan# 2658

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

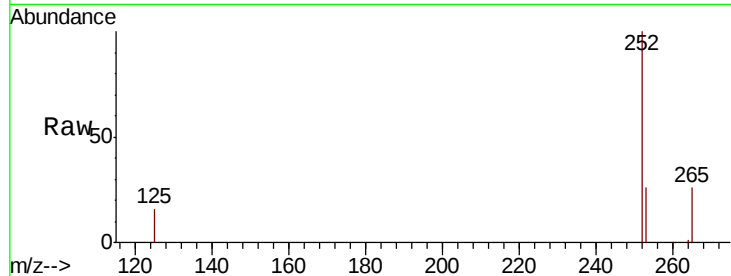
Instrument :

BNA_N

ClientSampleId :

PB114224BS

Tgt Ion:	252	Resp:	29957
Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.1	30.1
125	15.9	16.0	24.0#

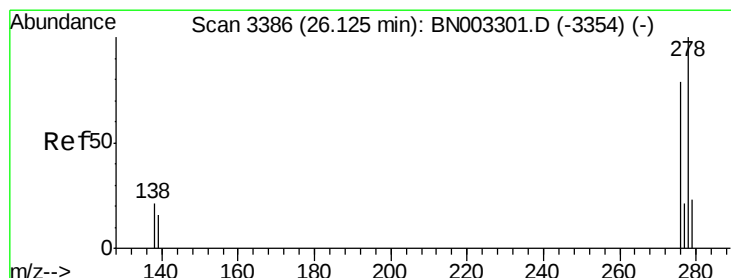
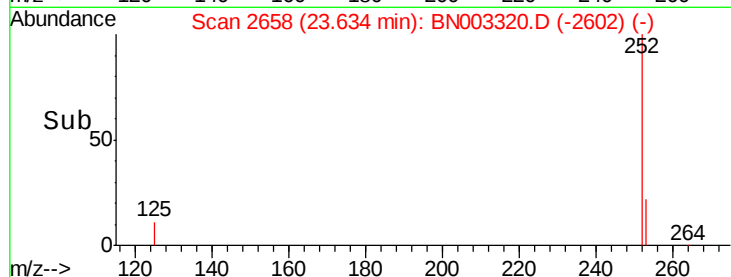
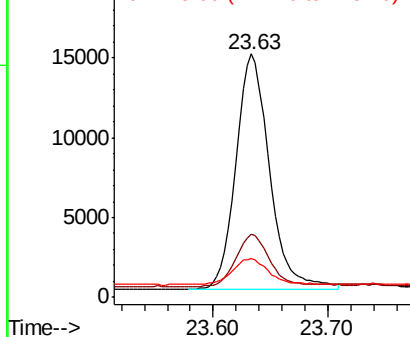


Abundance

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: 0.177 ng

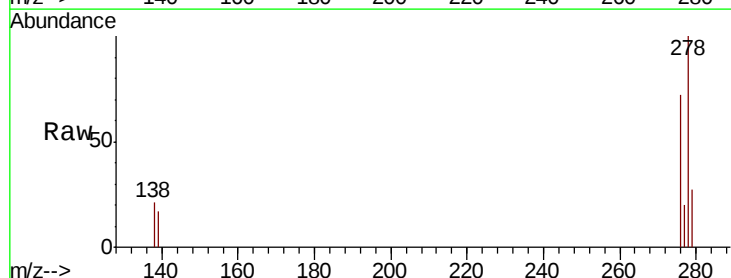
RT: 26.12 min Scan# 3384

Delta R.T. -0.01 min

Lab File: BN003320.D

Acq: 27 Oct 2018 00:15

Tgt Ion:	278	Resp:	29808
Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.5	20.3
279	26.6	19.8	29.6

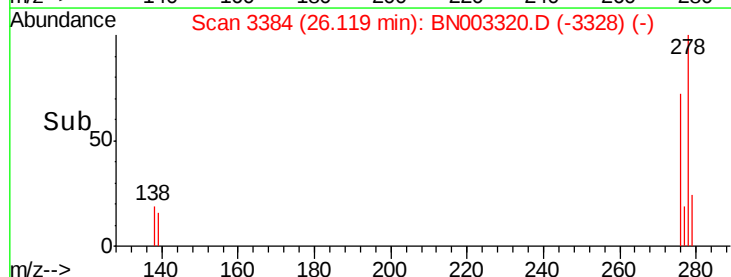
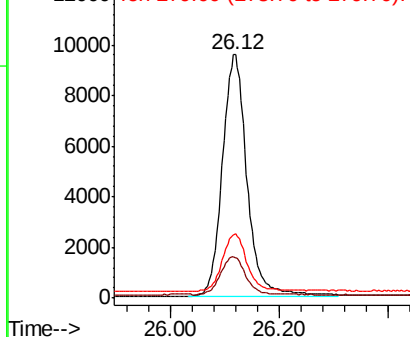


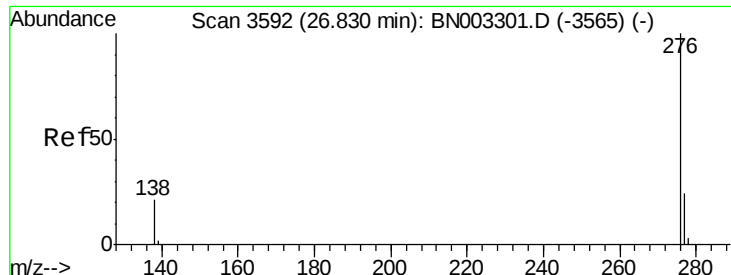
Abundance

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: 0.199 ng

RT: 26.82 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BN003320.D

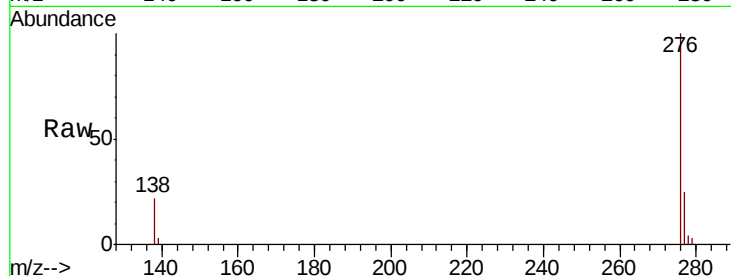
Acq: 27 Oct 2018 00:15

Instrument :

BNA_N

ClientSampleId :

PB114224BS



Tgt Ion: 276 Resp: 33420

Ion Ratio Lower Upper

276 100

277 24.8 19.5 29.3

138 22.2 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

