

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062819\
 Data File : BN006609.D
 Acq On : 28 Jun 2019 11:59
 Operator : HP/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 28 13:18:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:12:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3838	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	17076	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	10395	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	23874	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	24394	0.40	ng	0.00
34) Perylene-d12	23.51	264	22926	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	30716	3.21	ng	-0.02
5) Phenol-d6	6.81	99	42799	3.77	ng	-0.02
8) Nitrobenzene-d5	8.77	82	40582	4.10	ng	-0.03
11) 2-Methylnaphthalene-d10	12.00	152	87303	3.30	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	17962	3.08	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	125828	3.21	ng	-0.01
25) Fluoranthene-d10	19.08	212	227459	3.34	ng	0.00
29) Terphenyl-d14	19.68	244	164635	3.28	ng	0.00

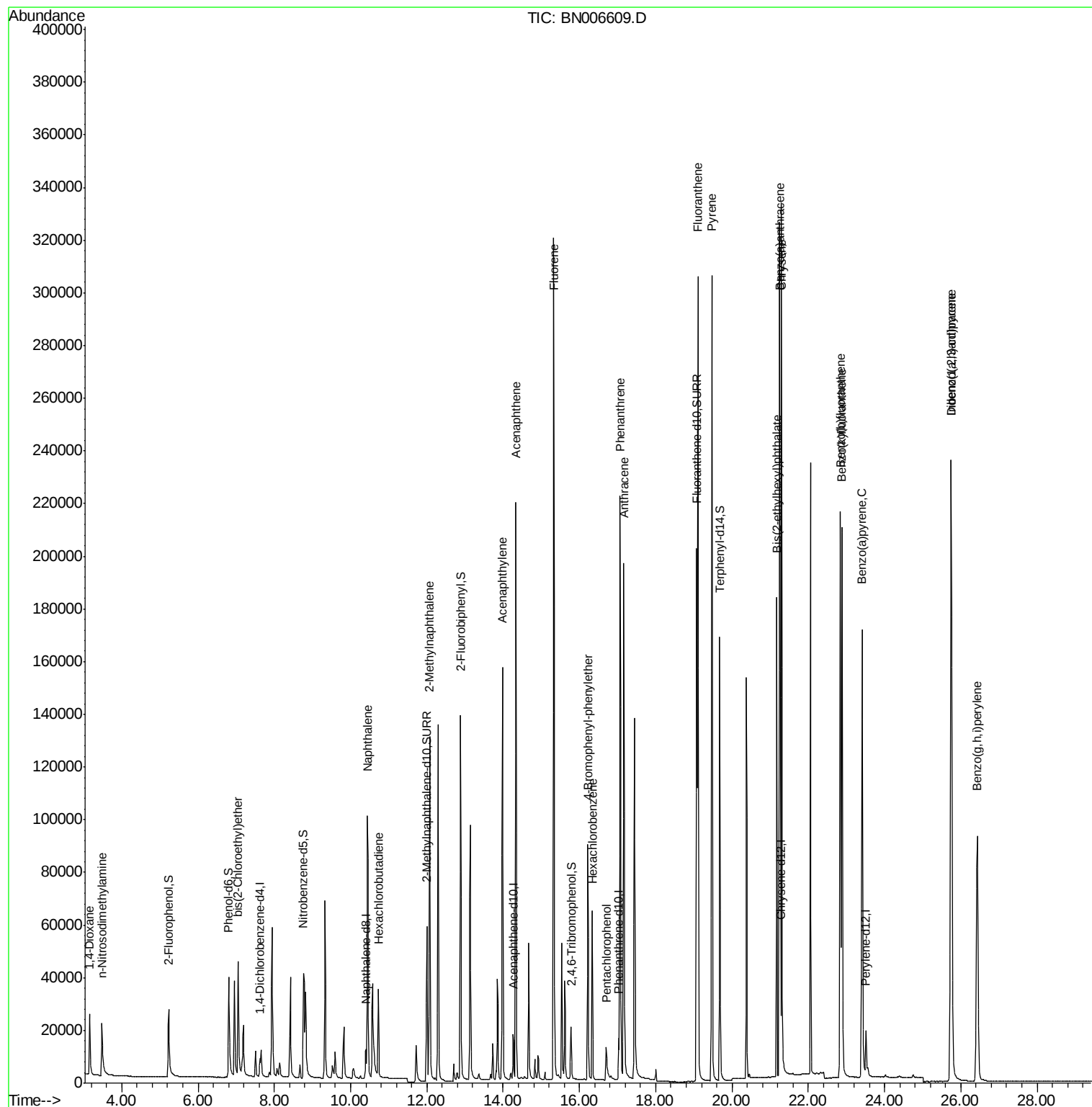
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	16483	3.994	ng	98
3) n-Nitrosodimethylamine	3.48	42	16107	6.395	ng	# 95
6) bis(2-Chloroethyl)ether	7.05	93	38441	3.586	ng	88
9) Naphthalene	10.44	128	142543	3.321	ng	99
10) Hexachlorobutadiene	10.73	225	28329	3.555	ng	# 100
12) 2-Methylnaphthalene	12.07	142	102008	3.294	ng	100
16) Acenaphthylene	13.99	152	173015	3.526	ng	100
17) Acenaphthene	14.33	154	106173	3.408	ng	99
18) Fluorene	15.32	166	138265	3.307	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	45421	3.323	ng	# 88
21) Hexachlorobenzene	16.34	284	53507	3.546	ng	100
22) Pentachlorophenol	16.71	266	11753	3.523	ng	87
23) Phenanthrene	17.07	178	223672	3.348	ng	100
24) Anthracene	17.16	178	208255	3.499	ng	99
26) Fluoranthene	19.11	202	269867	3.297	ng	100
28) Pyrene	19.47	202	274875	3.967	ng	100
30) Benzo(a)anthracene	21.25	228	269692	3.921	ng	99
31) Chrysene	21.30	228	270486	3.647	ng	99
32) Bis(2-ethylhexyl)phthalate	21.17	149	142238	4.938	ng	99
33) Indeno(1,2,3-cd)pyrene	25.75	276	252909	3.033	ng	100
35) Benzo(b)fluoranthene	22.84	252	263977	3.591	ng	98
36) Benzo(k)fluoranthene	22.88	252	270631	3.810	ng	98
37) Benzo(a)pyrene	23.41	252	240179	3.675	ng	97
38) Dibenzo(a,h)anthracene	25.75	278	204872	3.133	ng	99
39) Benzo(g,h,i)perylene	26.43	276	201054	3.053	ng	98

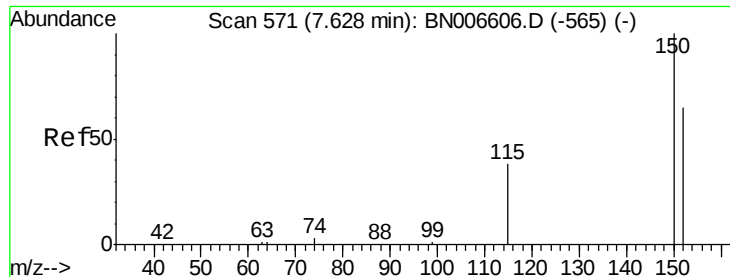
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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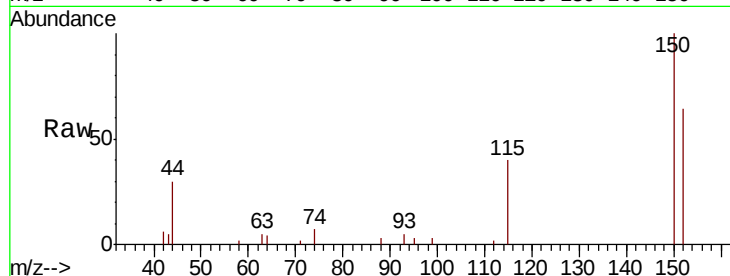


#1

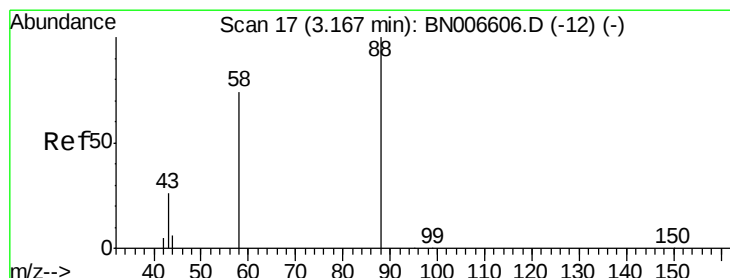
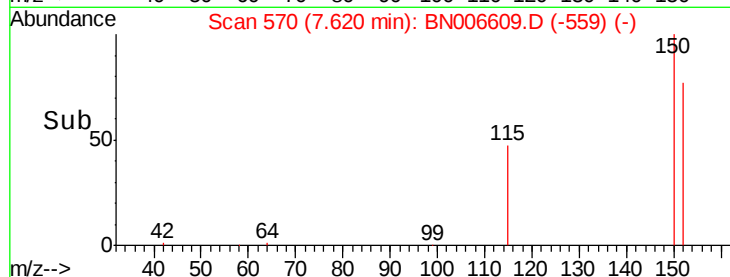
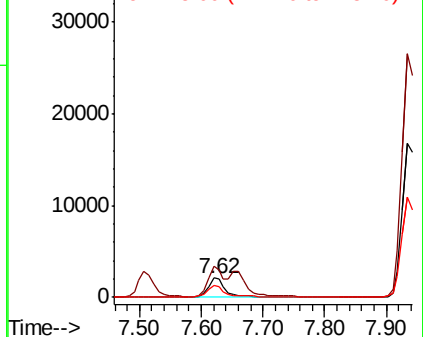
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006609.D
Acq: 28 Jun 2019 11:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3838
Ion Ratio Lower Upper
152 100
150 157.5 122.2 183.2
115 63.7 50.0 75.0



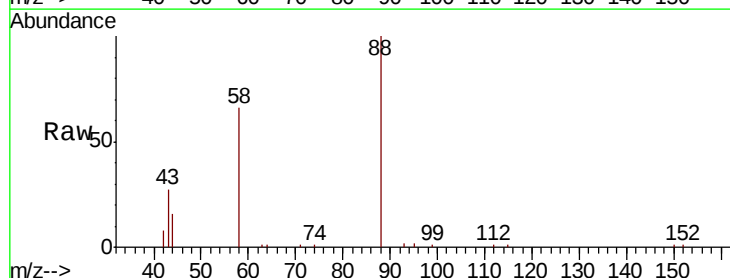
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



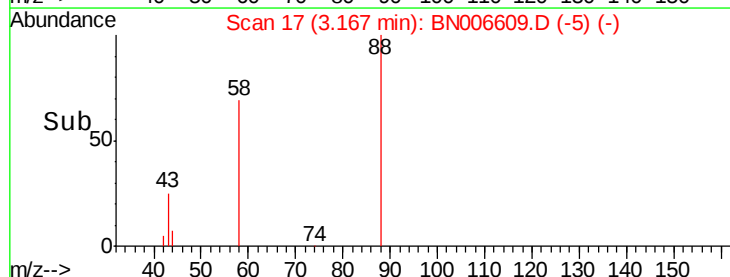
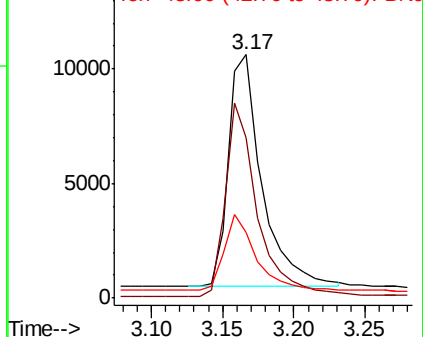
#2

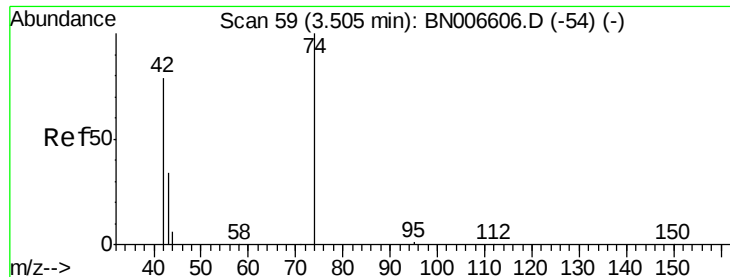
1,4-Dioxane
Concen: 3.994 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006609.D
Acq: 28 Jun 2019 11:59

Tgt Ion: 88 Resp: 16483
Ion Ratio Lower Upper
88 100
58 79.5 62.5 93.7
43 30.8 25.4 38.0



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



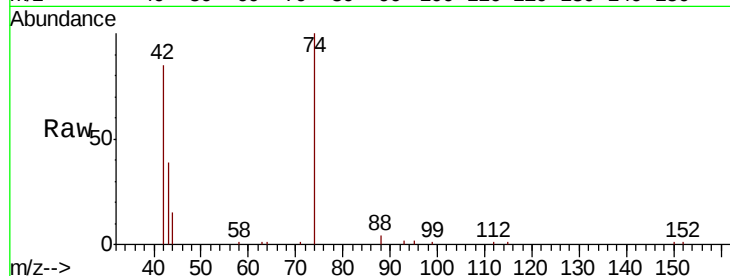


#3

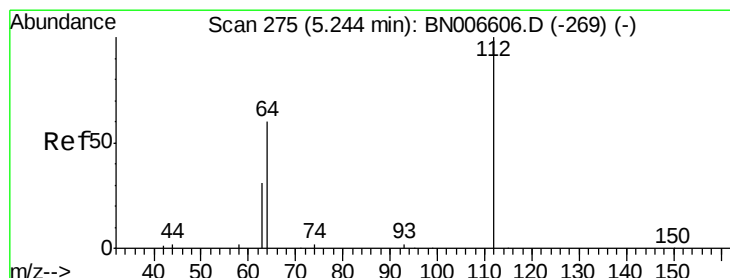
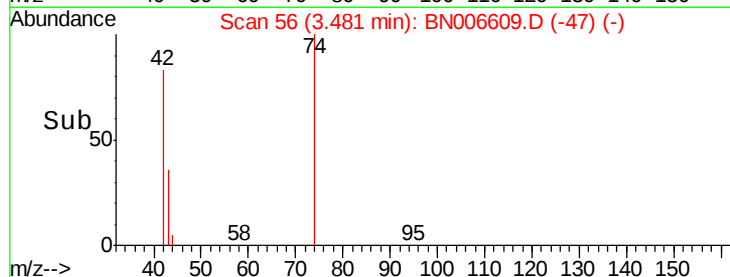
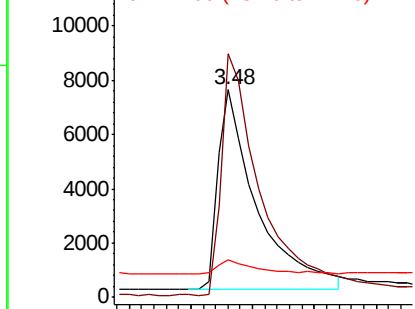
n-Nitrosodimethylamine
 Concen: 6.395 ng
 RT: 3.48 min Scan# 56
 Delta R.T. -0.02 min
 Lab File: BN006609.D
 Acq: 28 Jun 2019 11:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 16107
 Ion Ratio Lower Upper
 42 100
 74 123.7 103.1 154.7
 44 7.0 3.4 5.2#



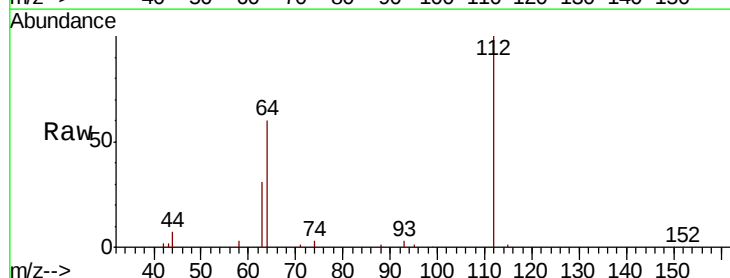
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



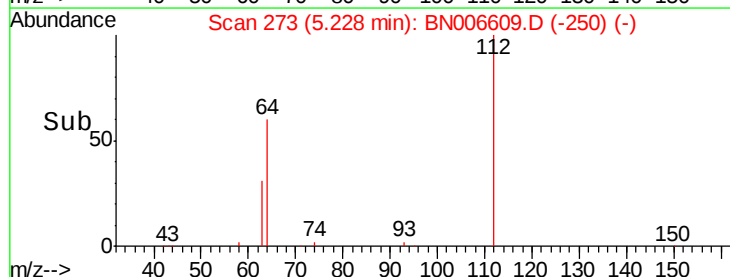
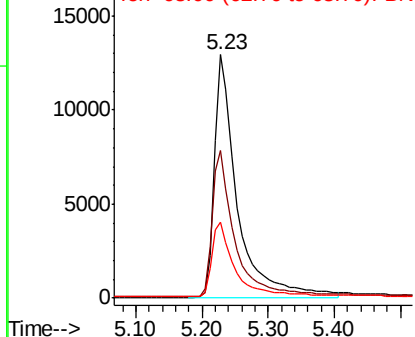
#4

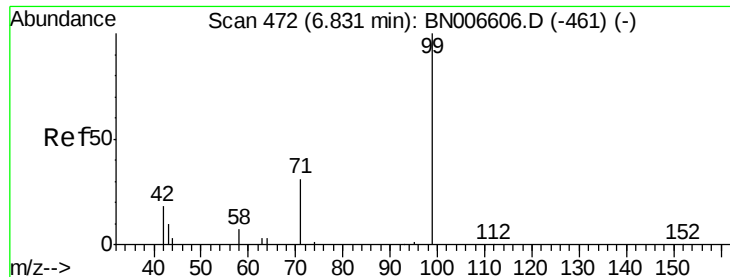
2-Fluorophenol
 Concen: 3.206 ng
 RT: 5.23 min Scan# 273
 Delta R.T. -0.02 min
 Lab File: BN006609.D
 Acq: 28 Jun 2019 11:59

Tgt Ion: 112 Resp: 30716
 Ion Ratio Lower Upper
 112 100
 64 61.1 48.9 73.3
 63 31.5 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 3.772 ng

RT: 6.81 min Scan# 469

Delta R.T. -0.02 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampled :

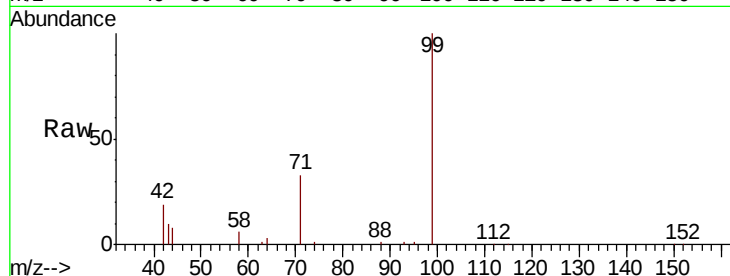
Tot Ion: 99 Resp: 42799

Ion Ratio Lower Upper

99 100

42 20.7 16.4 24.6

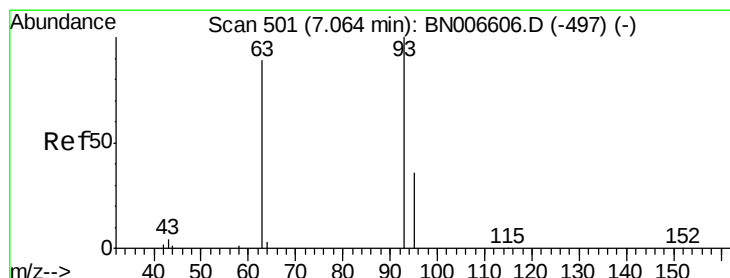
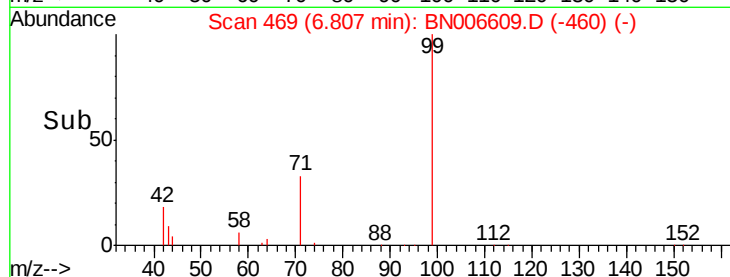
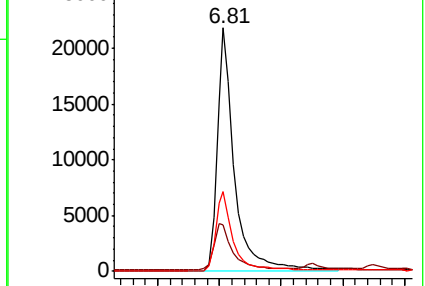
71 33.1 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006606.D (-461) (-)

Ion 42.00 (41.70 to 42.70): BN006606.D (-461) (-)

Ion 71.00 (70.70 to 71.70): BN006606.D (-461) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.586 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.02 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

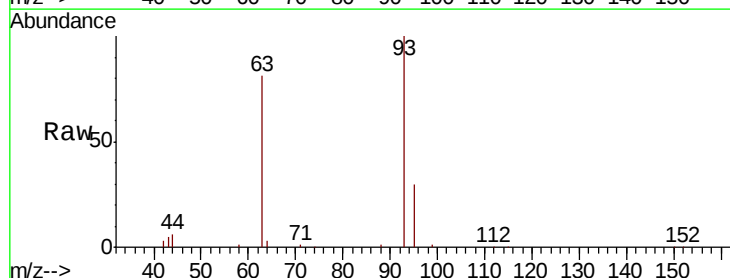
Tgt Ion: 93 Resp: 38441

Ion Ratio Lower Upper

93 100

63 77.9 52.5 78.7

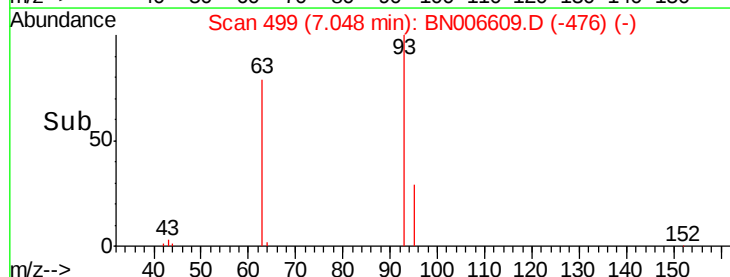
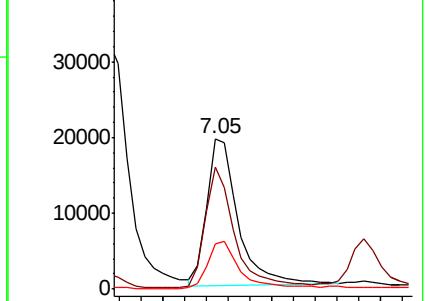
95 32.3 24.2 36.4

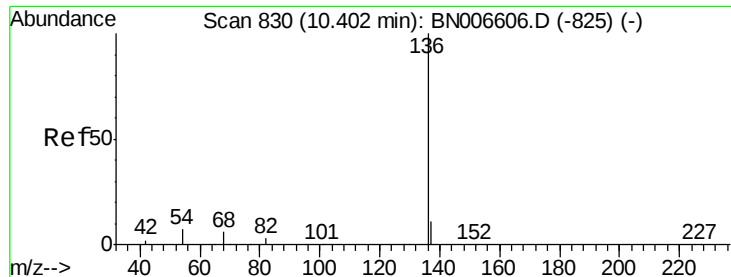


Abundance Ion 93.00 (92.70 to 93.70): BN006606.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN006606.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN006606.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 17076

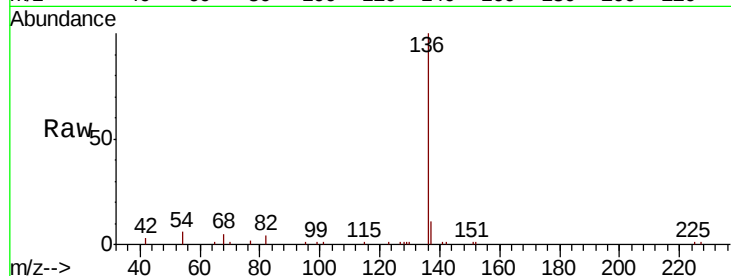
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 6.4 6.7 10.1#

68 5.2 5.3 7.9#

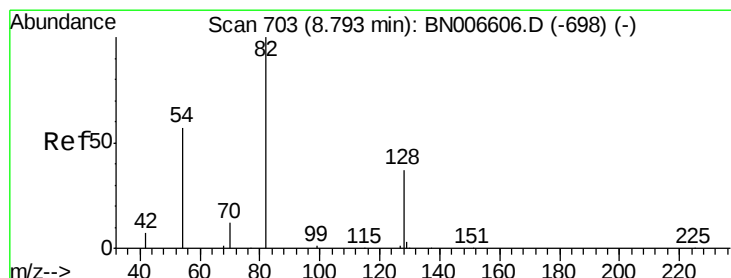
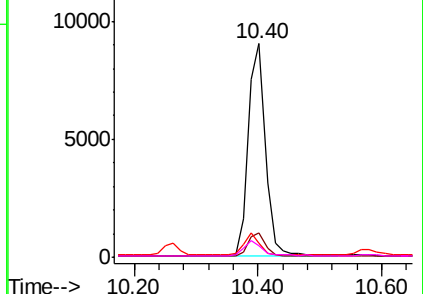
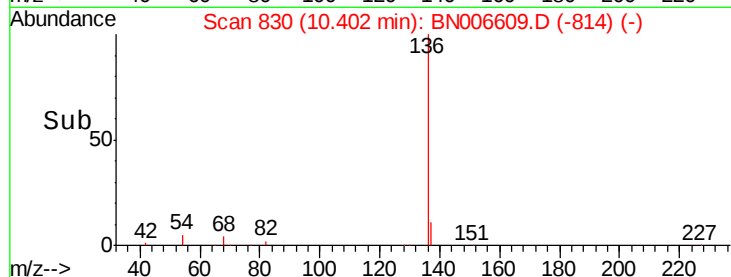


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.100 ng

RT: 8.77 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

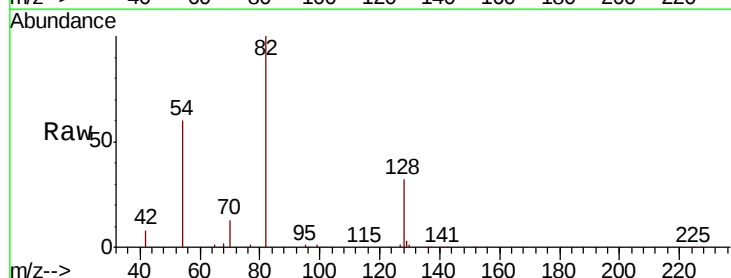
Tgt Ion: 82 Resp: 40582

Ion Ratio Lower Upper

82 100

128 32.3 32.6 49.0#

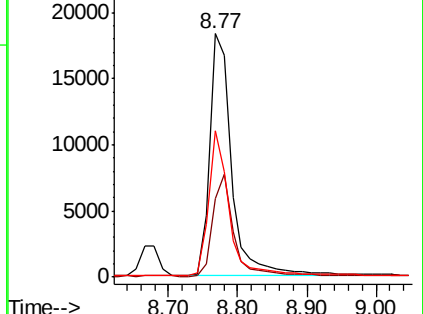
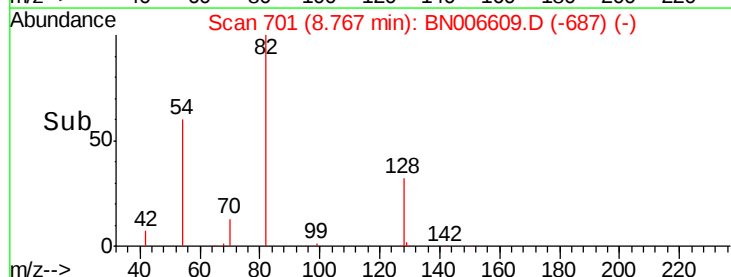
54 60.1 48.2 72.4

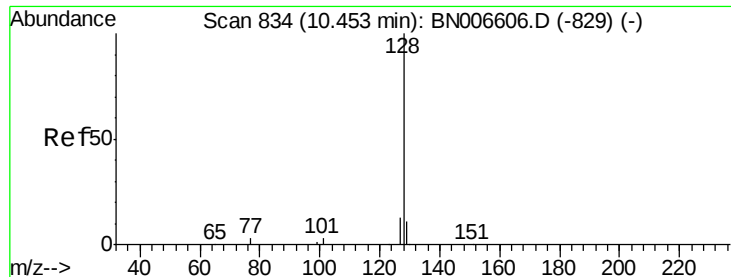


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.321 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampleId :

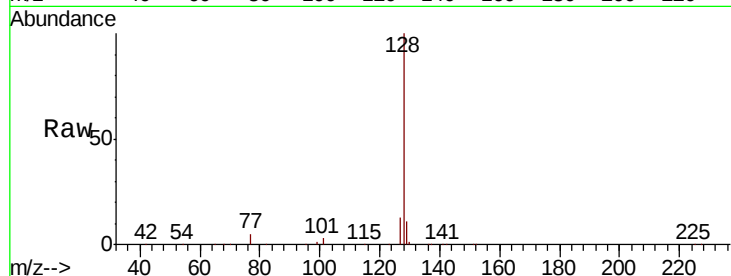
Tot Ion:128 Resp: 142543

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

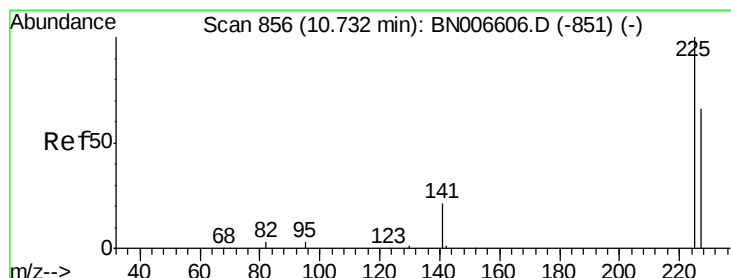
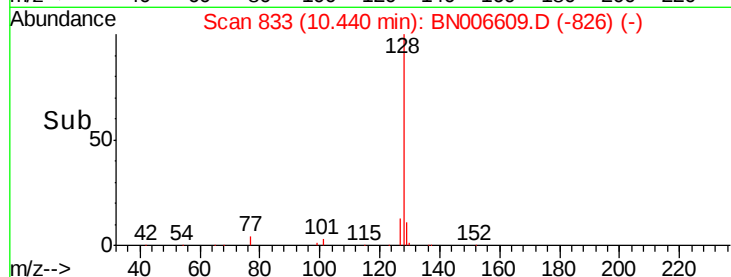
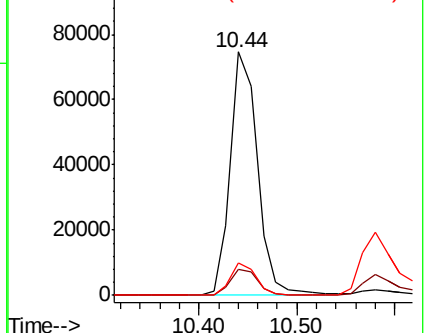
127 13.3 10.8 16.2



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: 3.555 ng

RT: 10.73 min Scan# 856

Delta R.T. -0.00 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

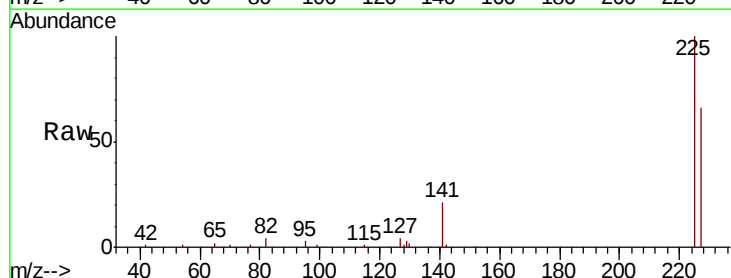
Tgt Ion:225 Resp: 28329

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

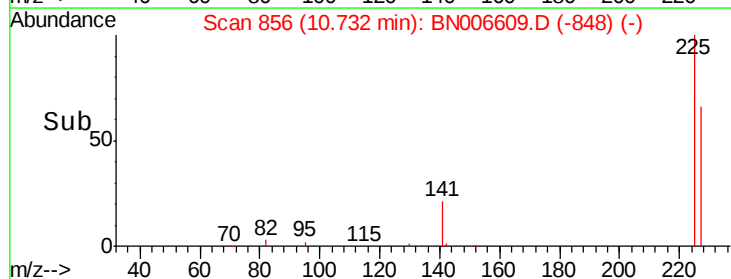
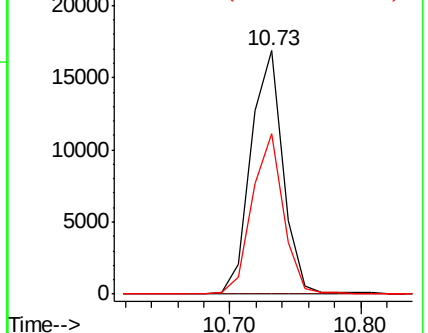
227 64.0 51.4 77.2

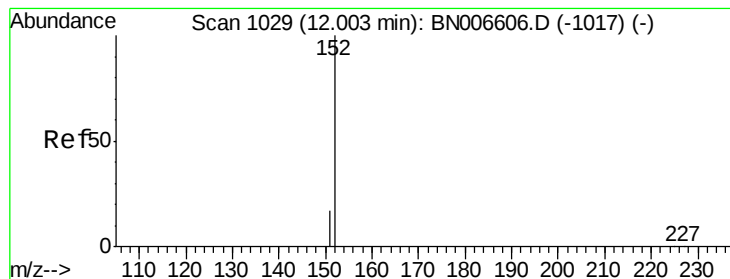


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.299 ng

RT: 12.00 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

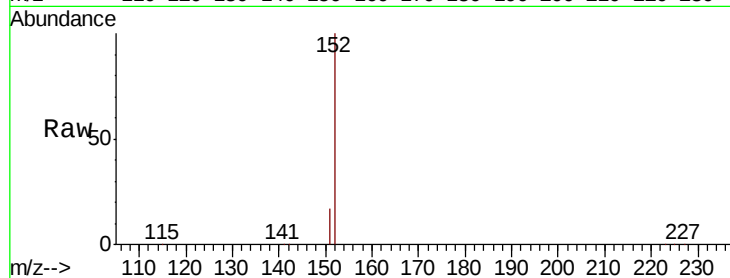
ClientSampleId :

Tot Ion:152 Resp: 87303

Ion Ratio Lower Upper

152 100

151 18.9 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.00

50000

40000

30000

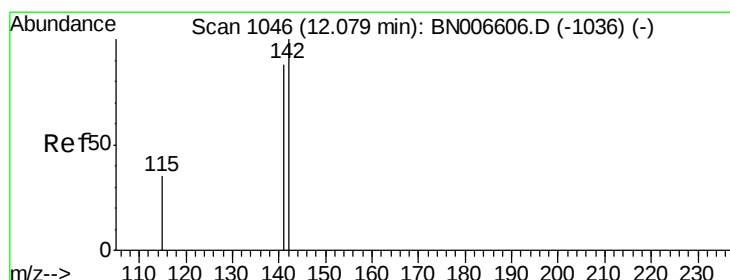
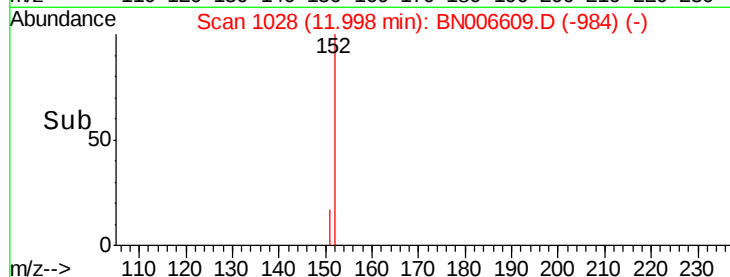
20000

10000

0

Time-->

12.00 12.20



#12

2-Methylnaphthalene

Concen: 3.294 ng

RT: 12.07 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

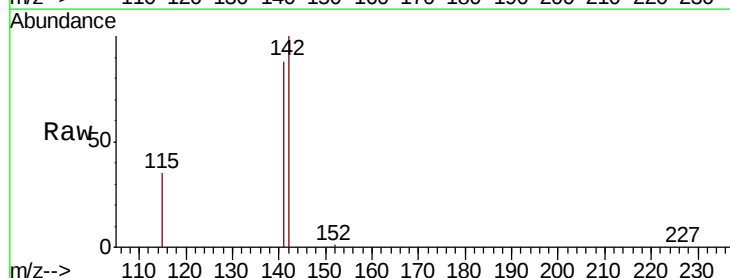
Tgt Ion:142 Resp: 102008

Ion Ratio Lower Upper

142 100

141 87.7 70.2 105.4

115 35.2 28.5 42.7



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

12.07

80000

60000

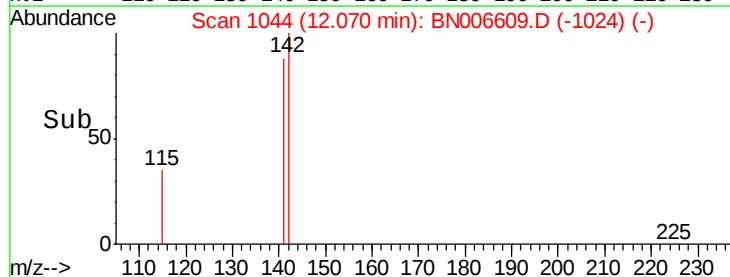
40000

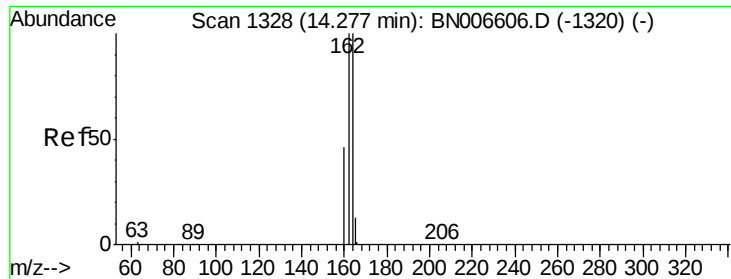
20000

0

Time-->

12.00 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampleId :

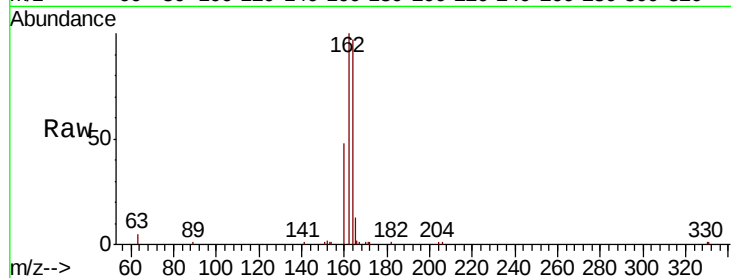
Tot Ion:164 Resp: 10395

Ion Ratio Lower Upper

164 100

162 102.6 80.0 120.0

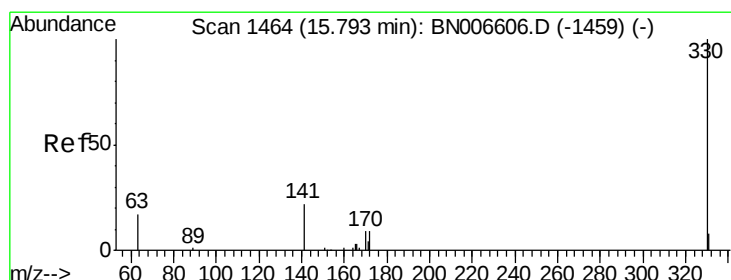
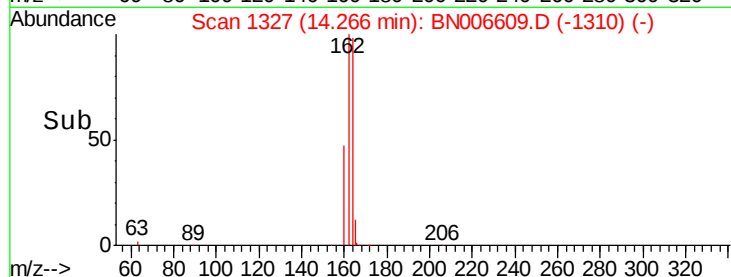
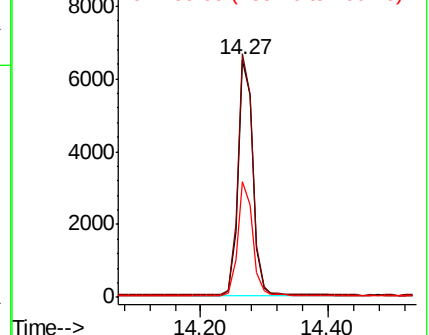
160 48.8 37.0 55.4



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: 3.081 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

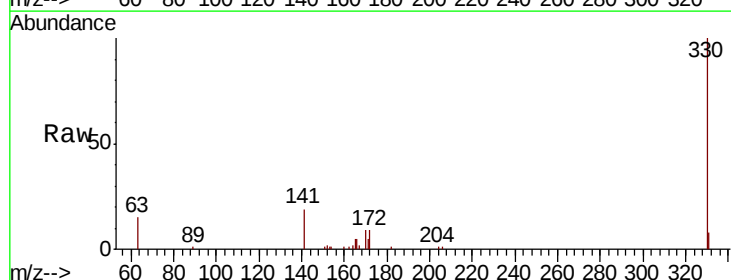
Tgt Ion:330 Resp: 17962

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

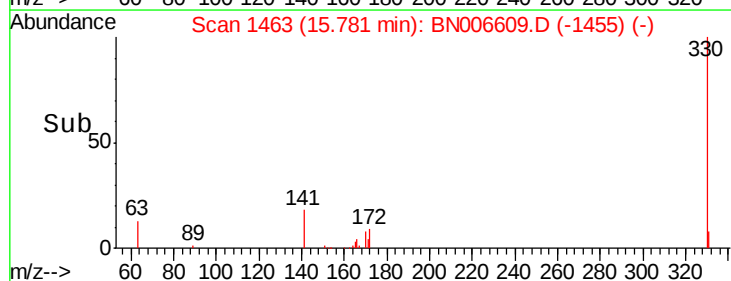
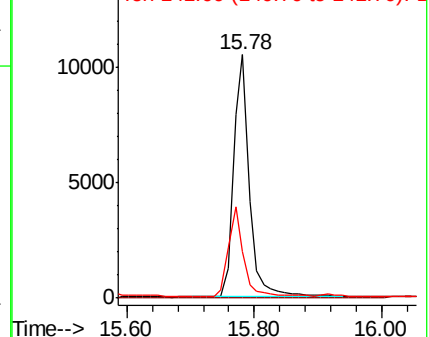
141 34.4 26.5 39.7

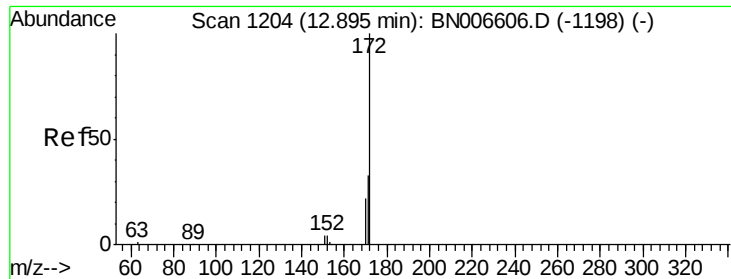


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

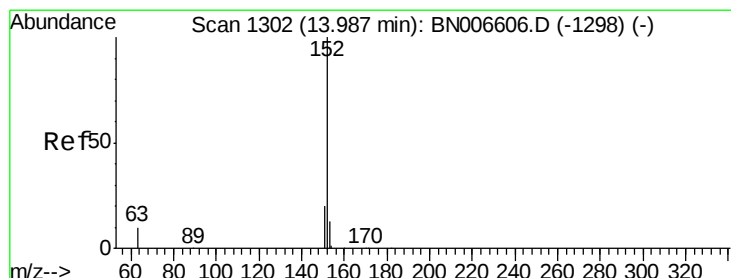
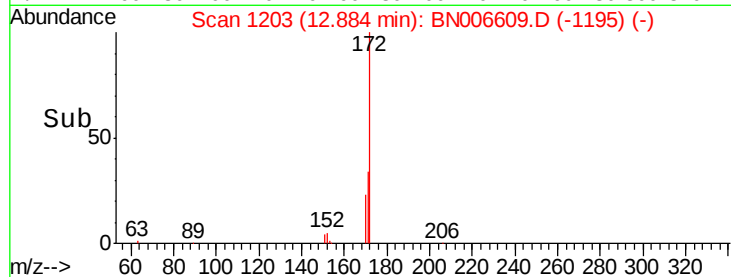
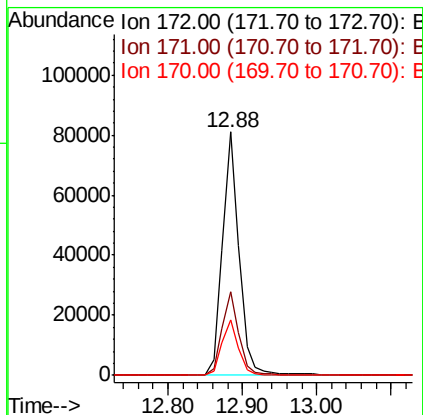
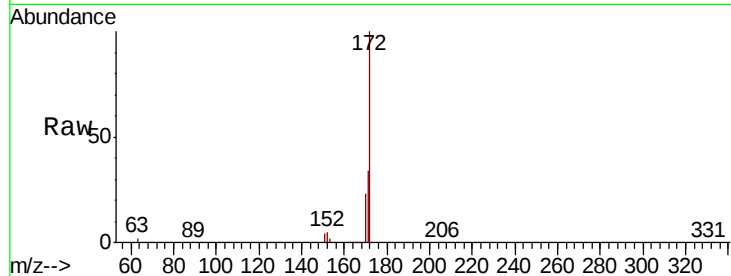




#15
2-Fluorobiphenyl
Concen: 3.206 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006609.D
Acq: 28 Jun 2019 11:59

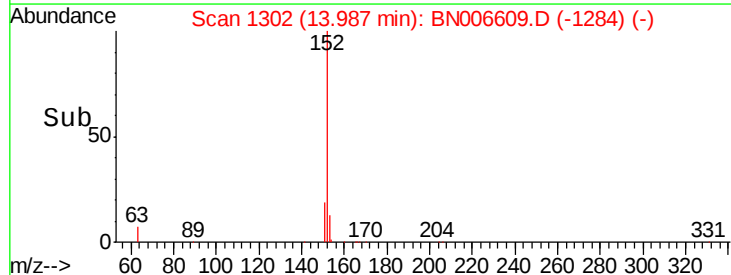
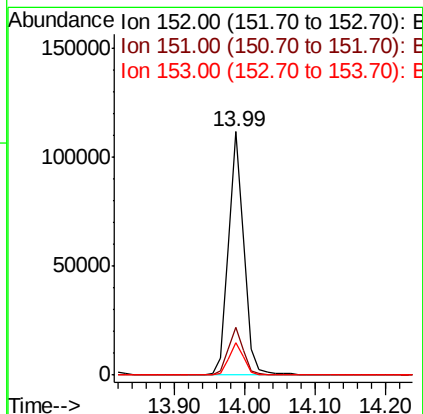
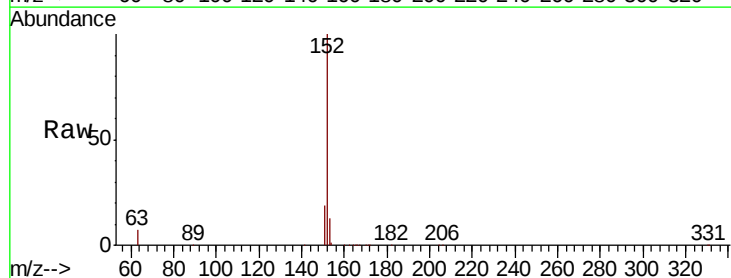
Instrument :
BNA_N
ClientSampleId :

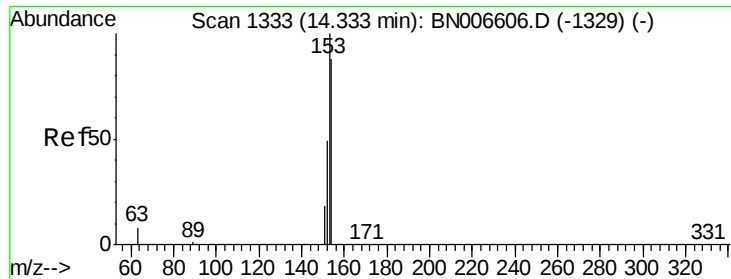
Tot Ion:172 Resp: 125828
Ion Ratio Lower Upper
172 100
171 34.4 27.0 40.4
170 23.0 17.7 26.5



#16
Acenaphthylene
Concen: 3.526 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006609.D
Acq: 28 Jun 2019 11:59

Tgt Ion:152 Resp: 173015
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 3.408 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampled :

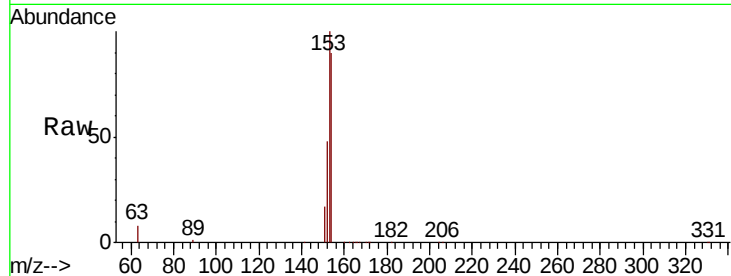
Tot Ion:154 Resp: 106173

Ion Ratio Lower Upper

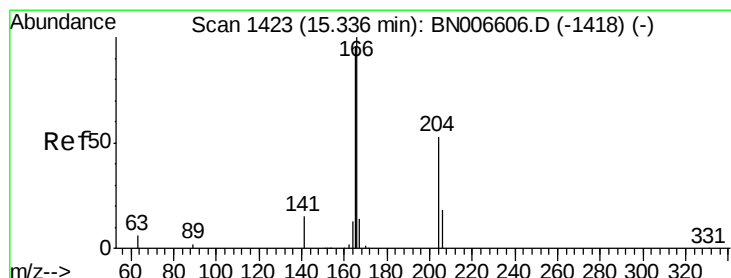
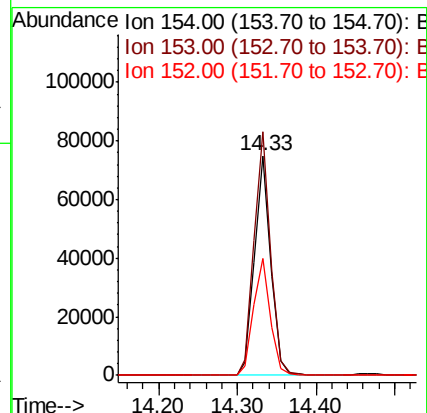
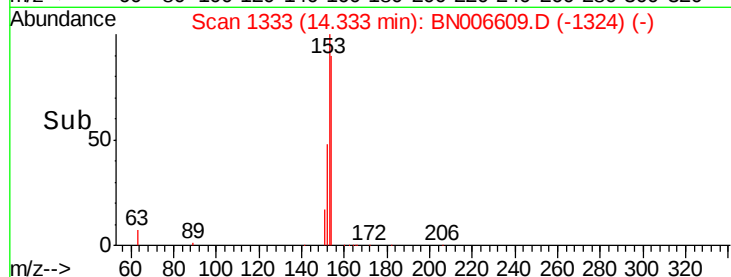
154 100

153 112.0 90.2 135.4

152 54.6 44.2 66.4



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: 3.307 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

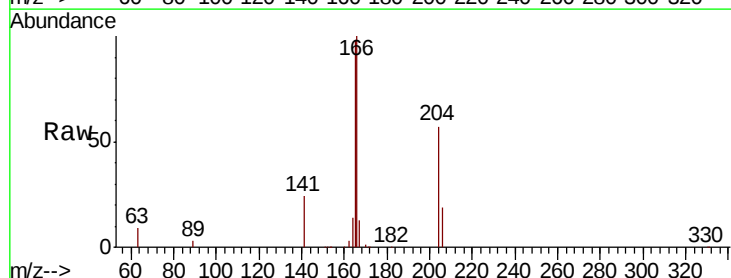
Tgt Ion:166 Resp: 138265

Ion Ratio Lower Upper

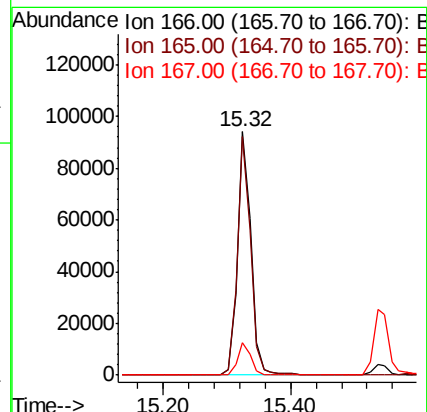
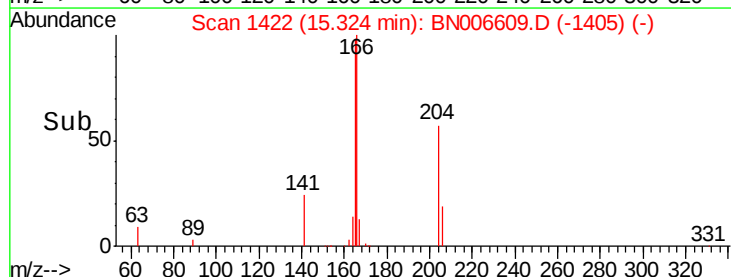
166 100

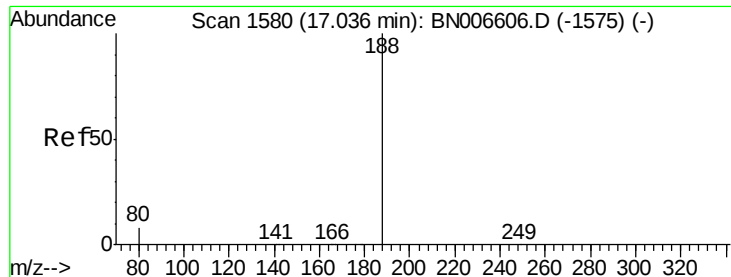
165 97.2 78.4 117.6

167 13.5 10.8 16.2



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: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampleId :

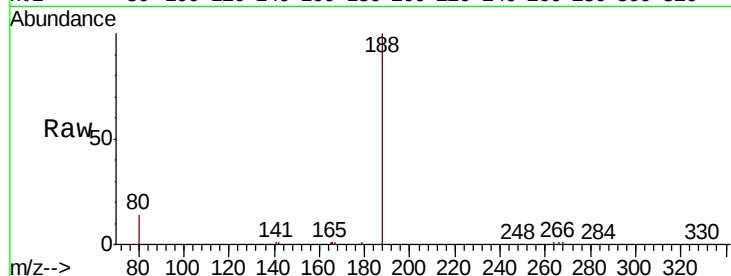
Tot Ion:188 Resp: 23874

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

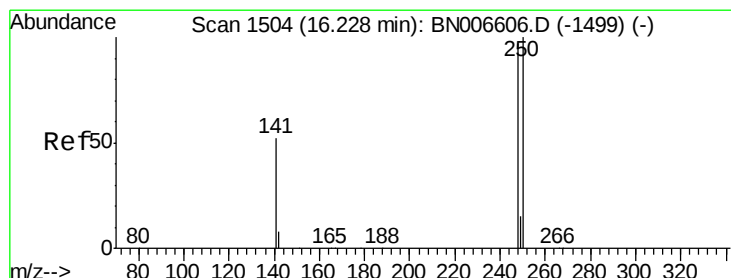
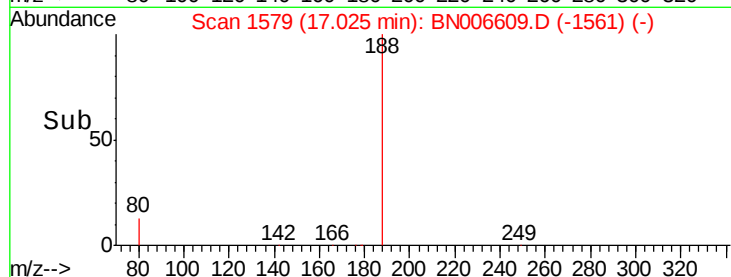
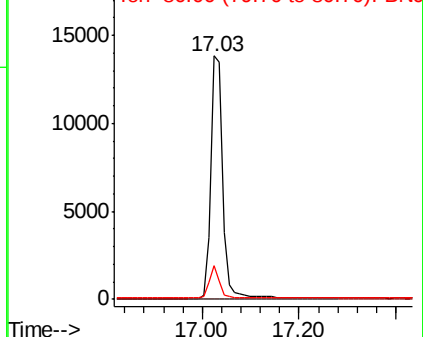
80 13.8 7.1 10.7#



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: 3.323 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

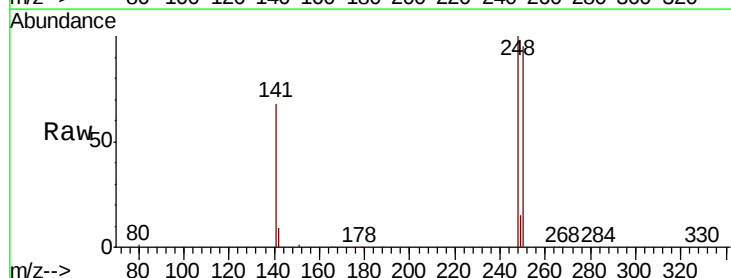
Tgt Ion:248 Resp: 45421

Ion Ratio Lower Upper

248 100

250 94.8 82.2 123.4

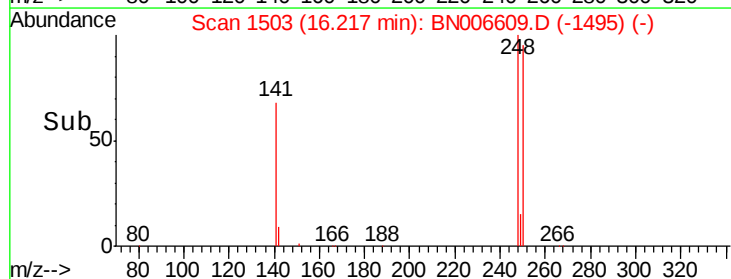
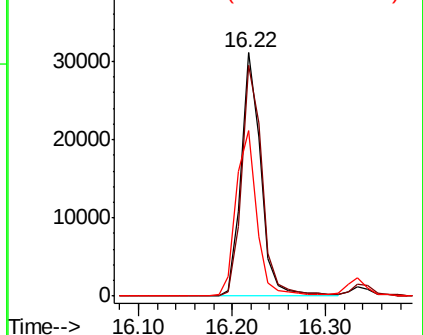
141 68.2 43.8 65.8#

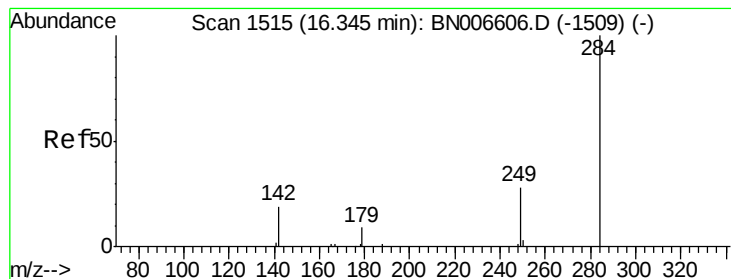


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.546 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampled :

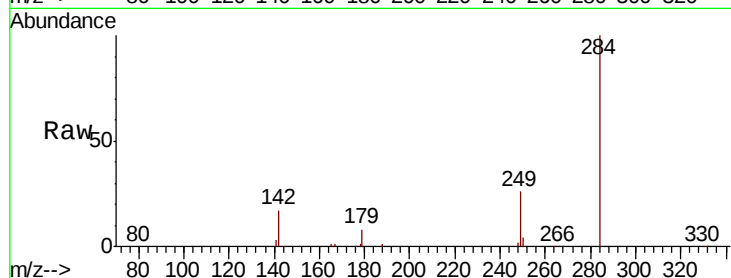
Tot Ion:284 Resp: 53507

Ion Ratio Lower Upper

284 100

142 34.1 27.5 41.3

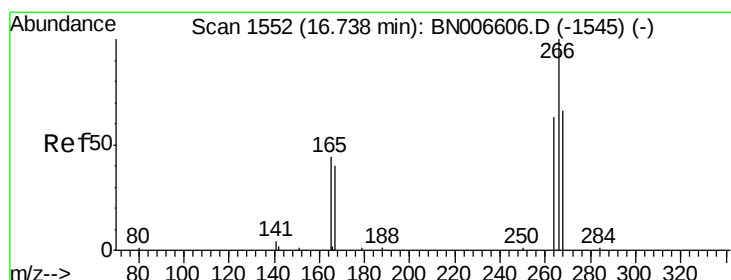
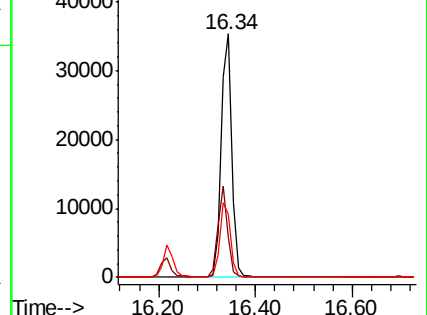
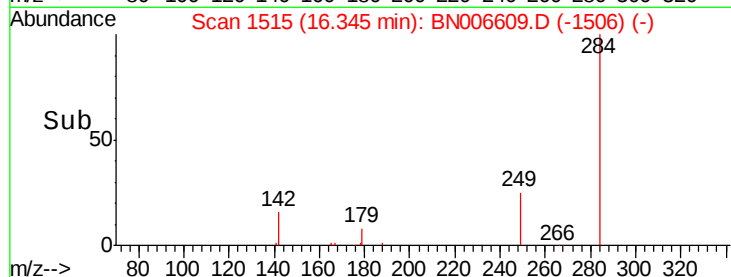
249 30.7 24.7 37.1



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: 3.523 ng

RT: 16.71 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

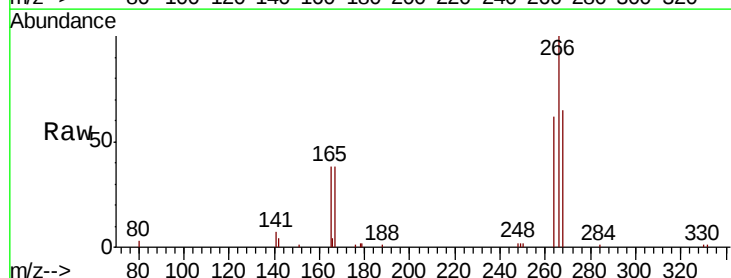
Tgt Ion:266 Resp: 11753

Ion Ratio Lower Upper

266 100

264 61.8 56.2 84.4

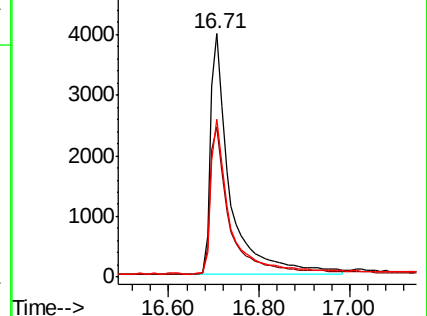
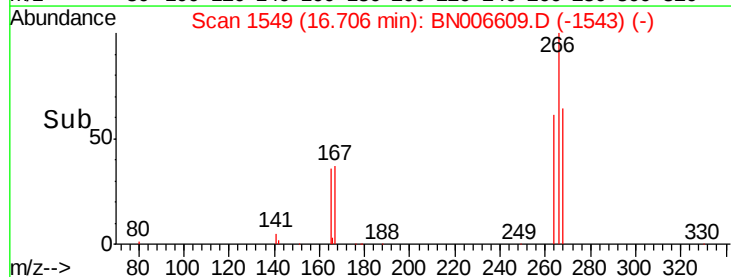
268 64.9 63.0 94.4

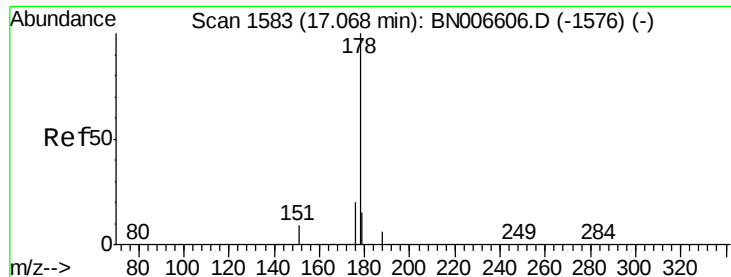


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.348 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampleId :

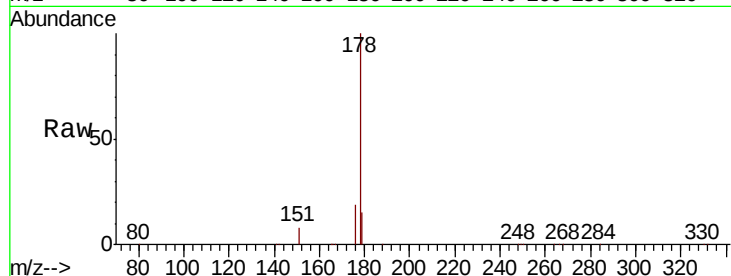
Tot Ion:178 Resp: 223672

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.3 12.2 18.4

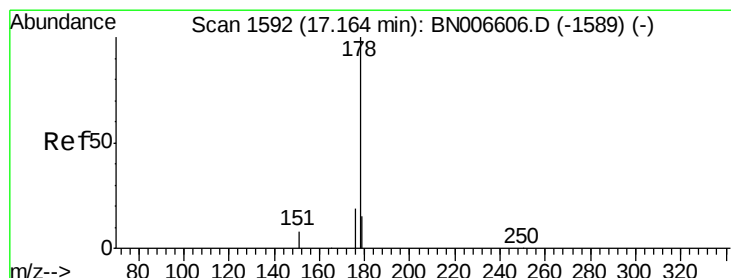
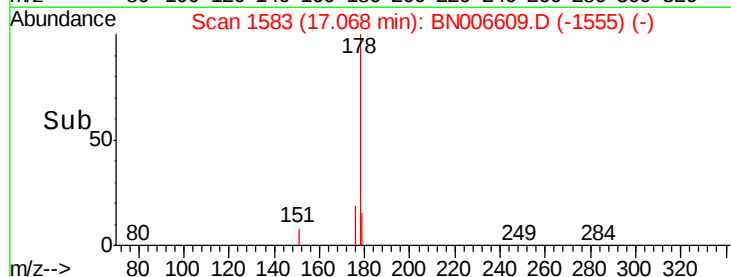
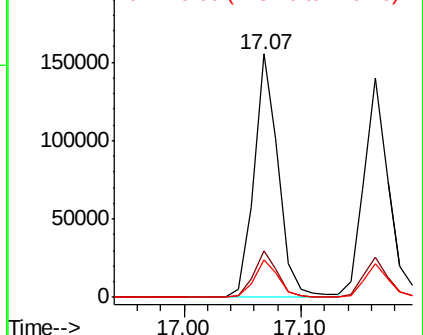


Abundance

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



#24

Anthracene

Concen: 3.499 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

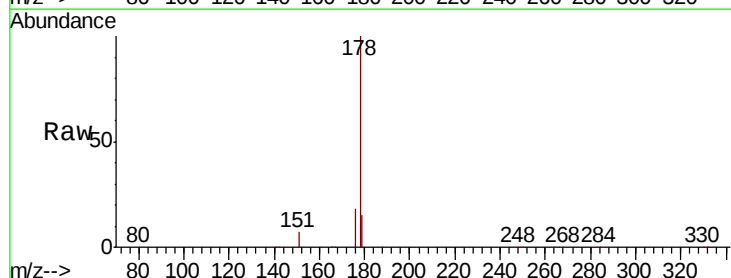
Tgt Ion:178 Resp: 208255

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

179 15.4 12.2 18.2

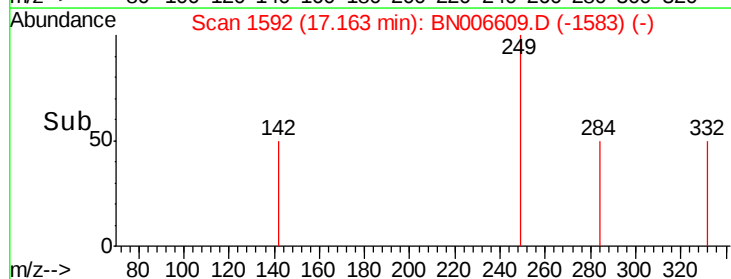
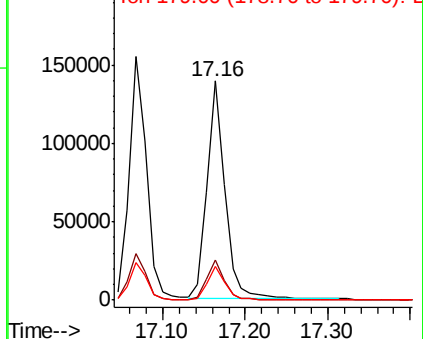


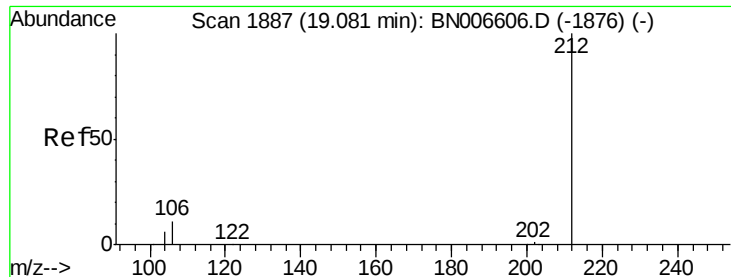
Abundance

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

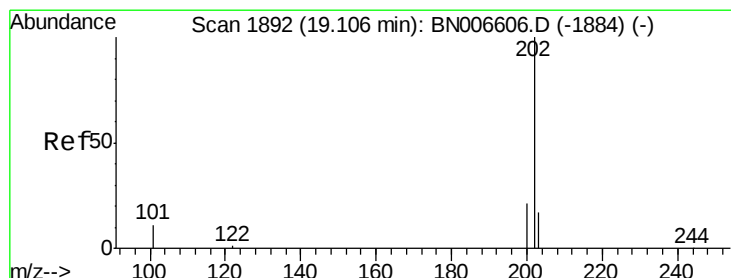
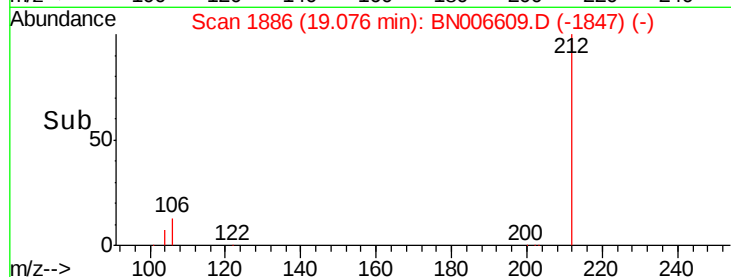
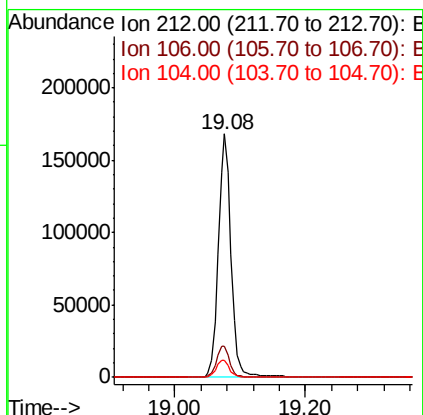
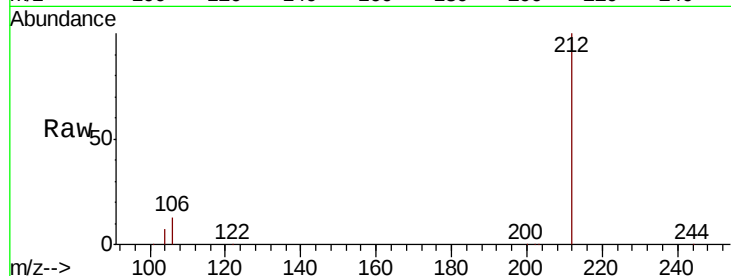




#25
 Fluoranthene-d10
 Concen: 3.337 ng
 RT: 19.08 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: BN006609.D
 Acq: 28 Jun 2019 11:59

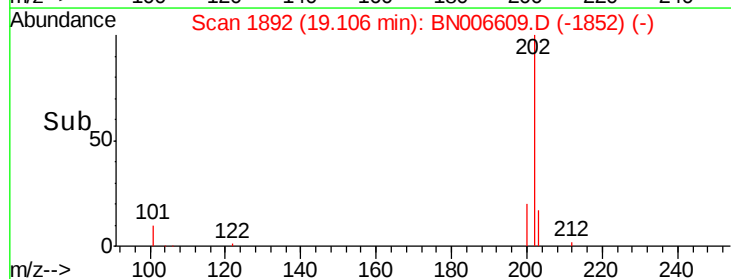
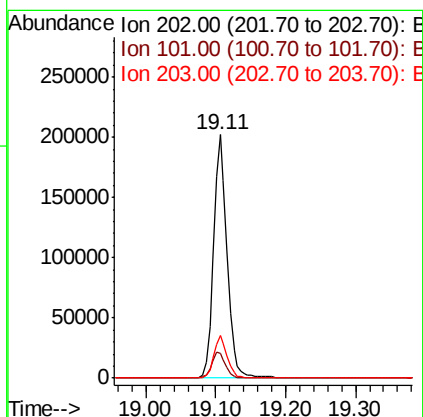
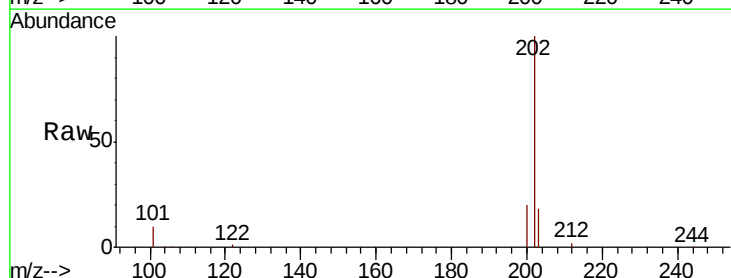
Instrument :
 BNA_N
 ClientSampleId :

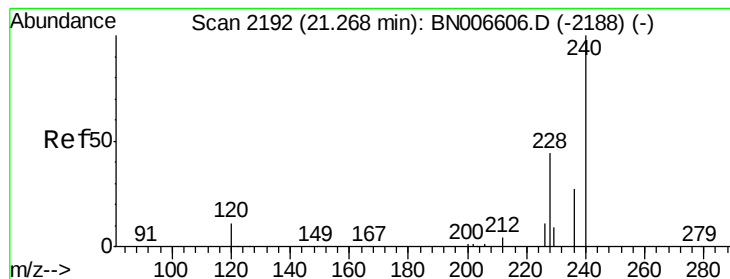
Tot Ion:212 Resp: 227459
 Ion Ratio Lower Upper
 212 100
 106 13.4 10.6 15.8
 104 7.3 5.8 8.6



#26
 Fluoranthene
 Concen: 3.297 ng
 RT: 19.11 min Scan# 1892
 Delta R.T. -0.00 min
 Lab File: BN006609.D
 Acq: 28 Jun 2019 11:59

Tgt Ion:202 Resp: 269867
 Ion Ratio Lower Upper
 202 100
 101 11.2 8.9 13.3
 203 17.3 13.6 20.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampleId :

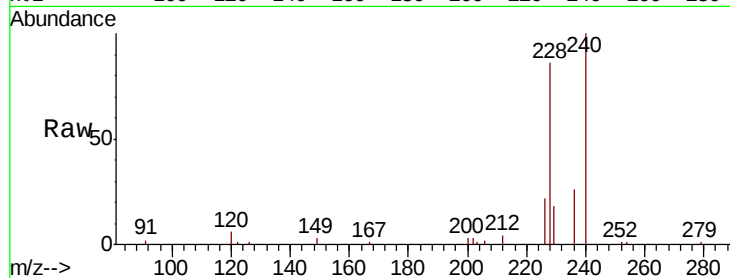
Tot Ion:240 Resp: 24394

Ion Ratio Lower Upper

240 100

120 6.5 9.9 14.9#

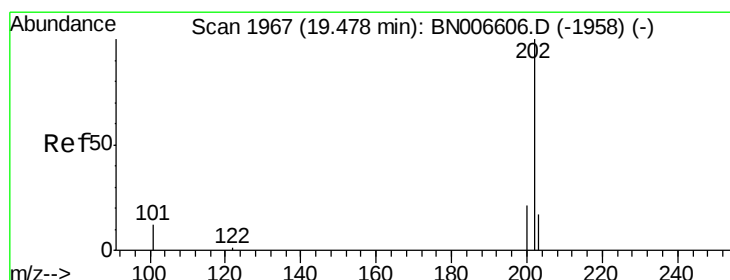
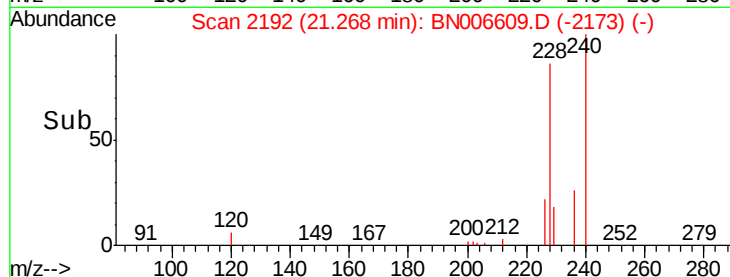
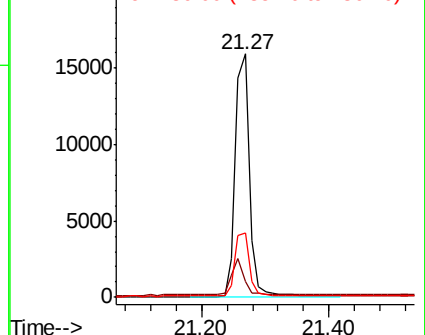
236 26.3 22.2 33.4



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: 3.967 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

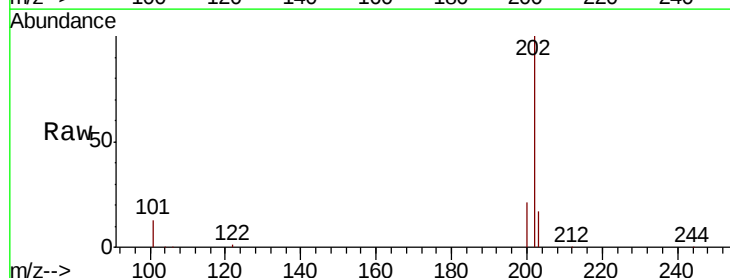
Tgt Ion:202 Resp: 274875

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

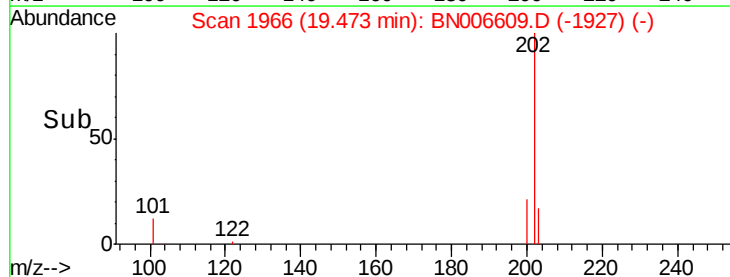
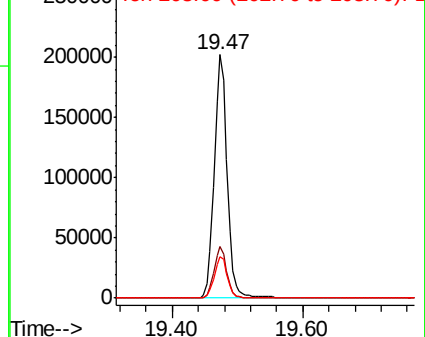
203 17.5 14.1 21.1

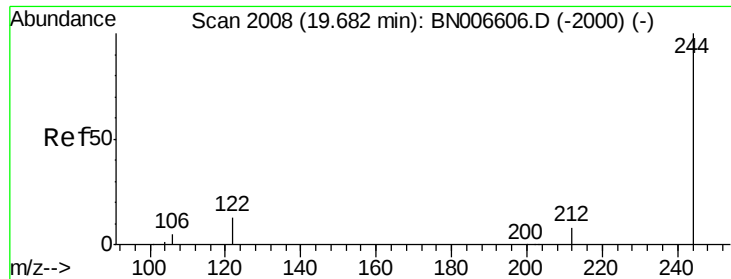


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.284 ng

RT: 19.68 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampleId :

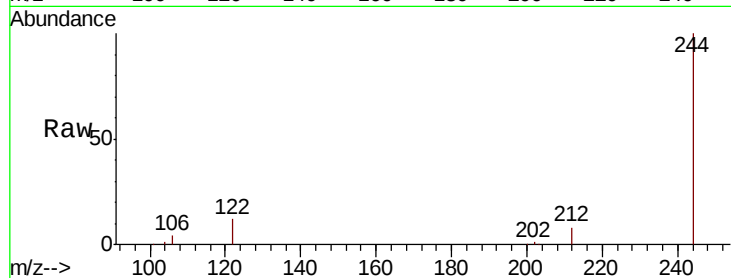
Tot Ion:244 Resp: 164635

Ion Ratio Lower Upper

244 100

212 7.9 6.7 10.1

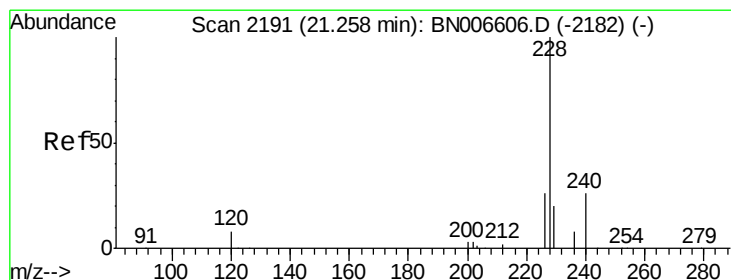
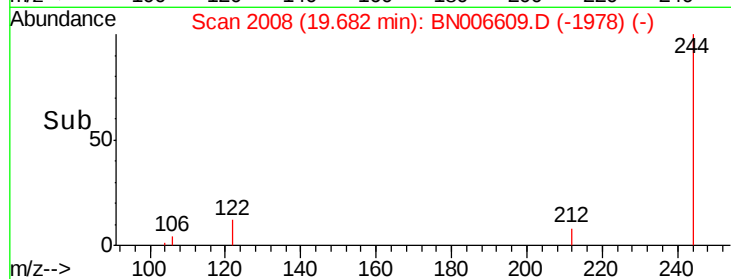
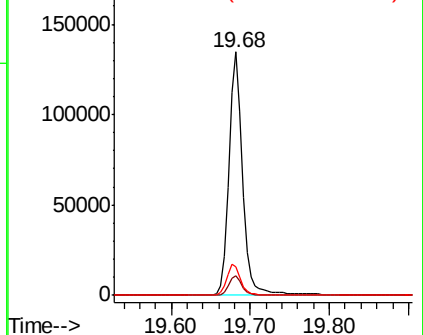
122 11.8 11.0 16.6



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: 3.921 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

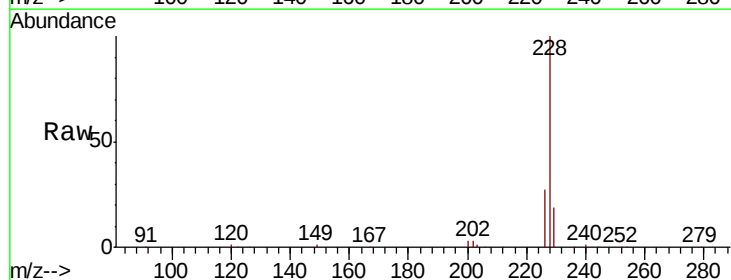
Tgt Ion:228 Resp: 269692

Ion Ratio Lower Upper

228 100

226 26.9 21.2 31.8

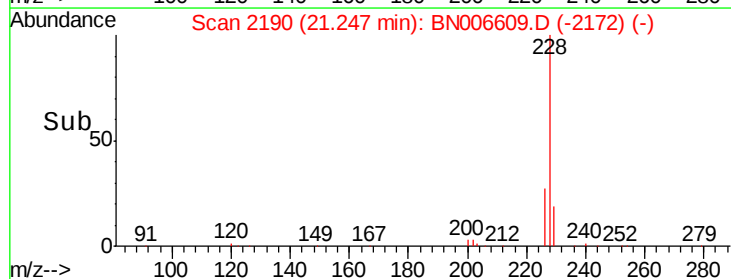
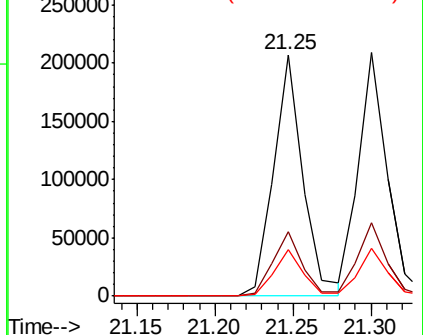
229 19.4 16.1 24.1

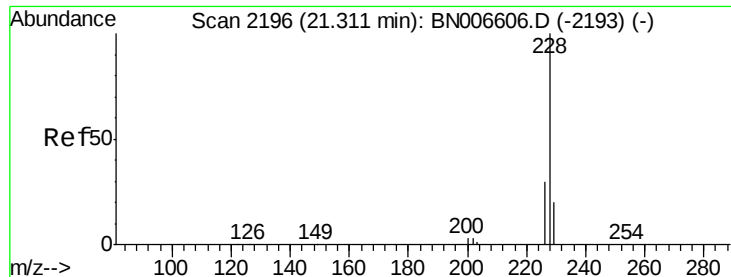


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.647 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

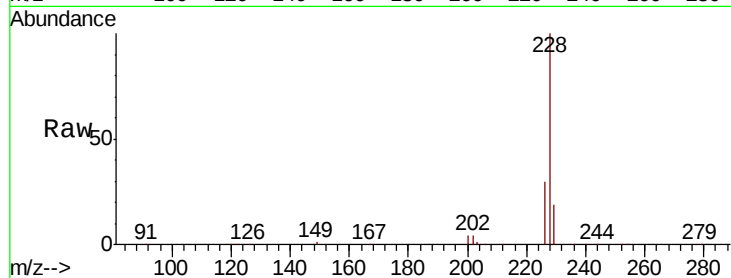
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 270486

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.4	15.9	23.9

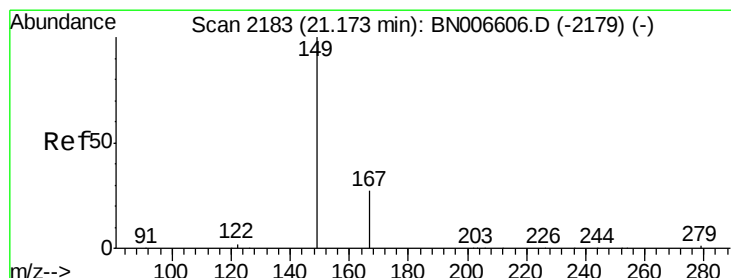
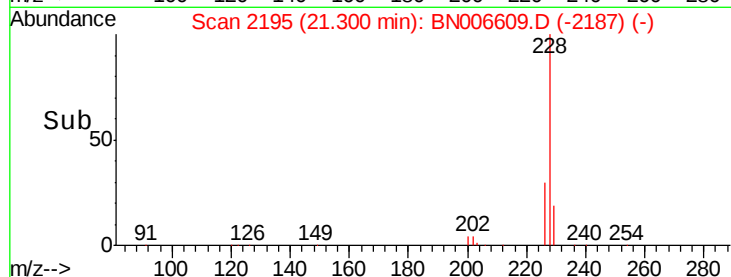
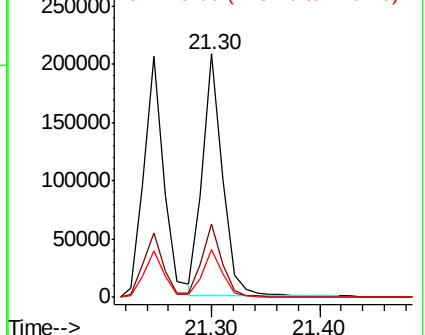


Abundance

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: 4.938 ng

RT: 21.17 min Scan# 2183

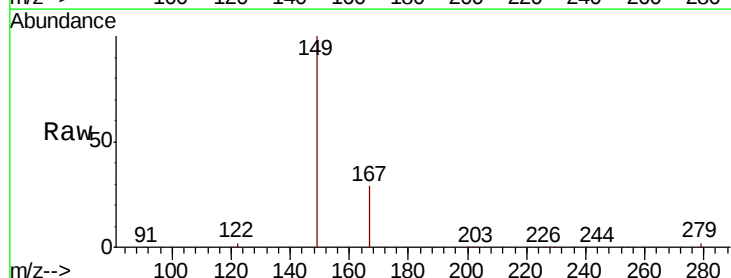
Delta R.T. -0.00 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Tgt Ion:149 Resp: 142238

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.9	34.3
279	3.8	3.3	4.9

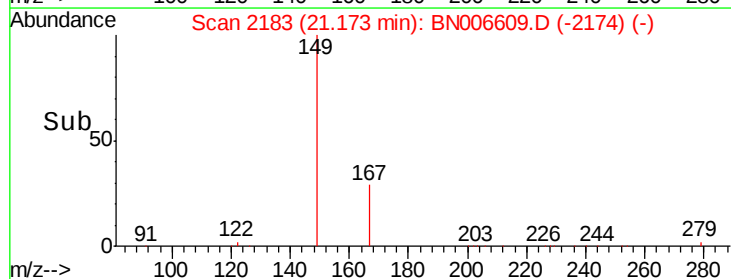
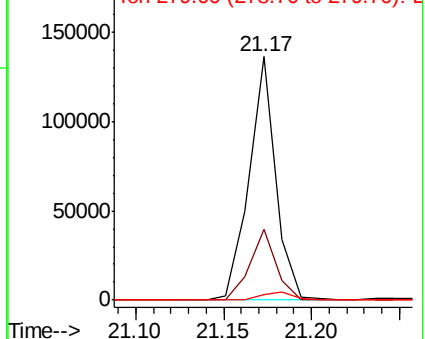


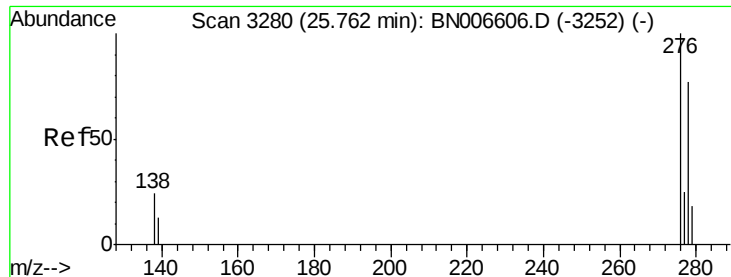
Abundance

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

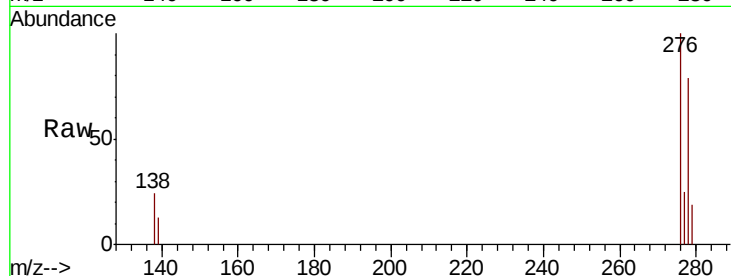




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.033 ng
 RT: 25.75 min Scan# 3276
 Delta R.T. -0.01 min
 Lab File: BN006609.D
 Acq: 28 Jun 2019 11:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.3	28.9
277	25.0	19.9	29.9

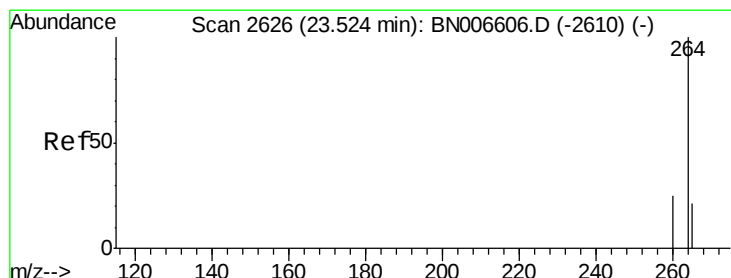
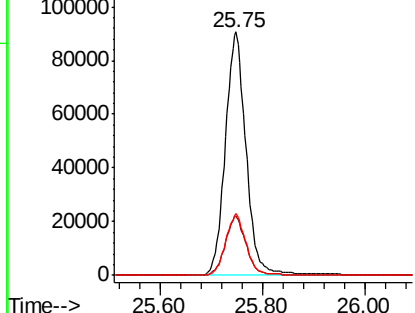
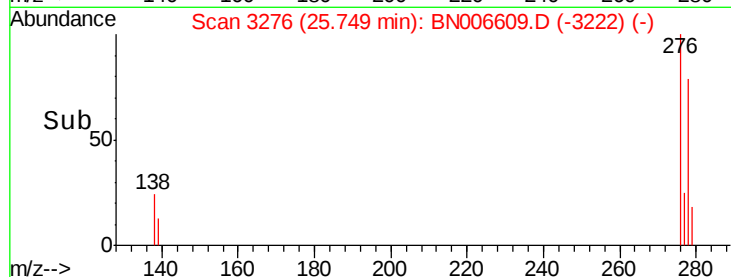


Abundance

Ion 276.00 (275.70 to 276.70): E

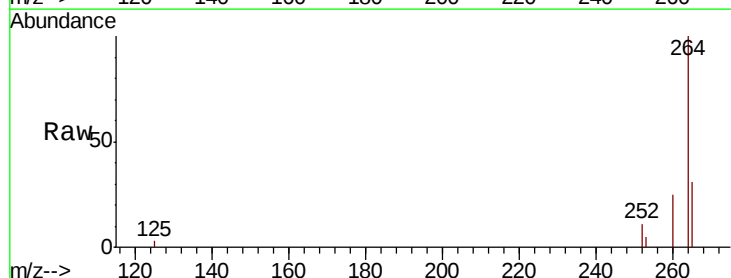
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.51 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BN006609.D
 Acq: 28 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	30.7	23.3	34.9

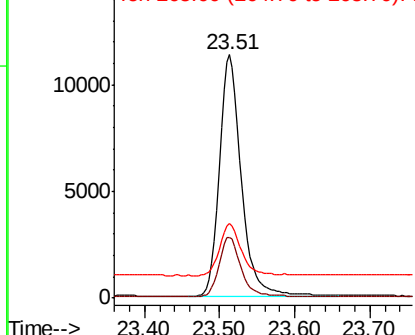
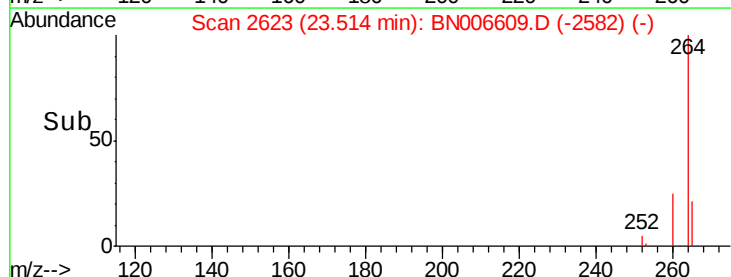


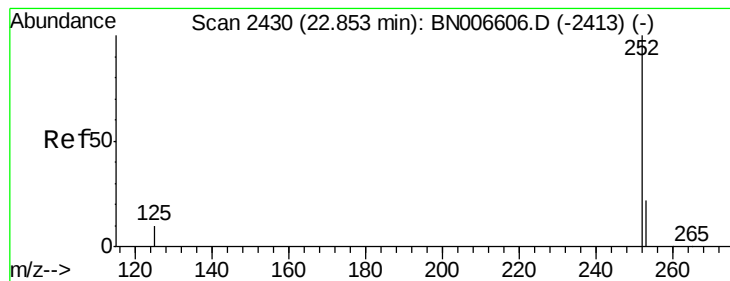
Abundance

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: 3.591 ng

RT: 22.84 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampleId :

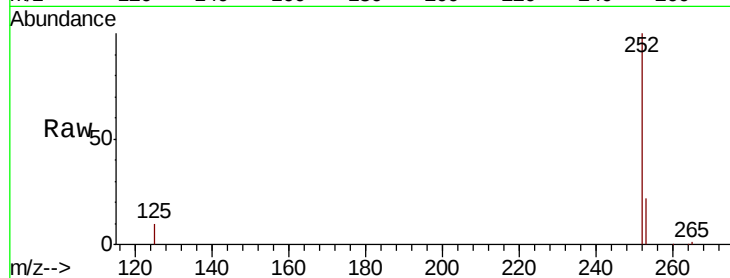
Tot Ion:252 Resp: 263977

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

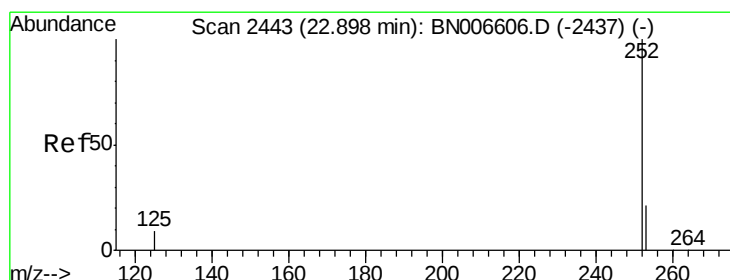
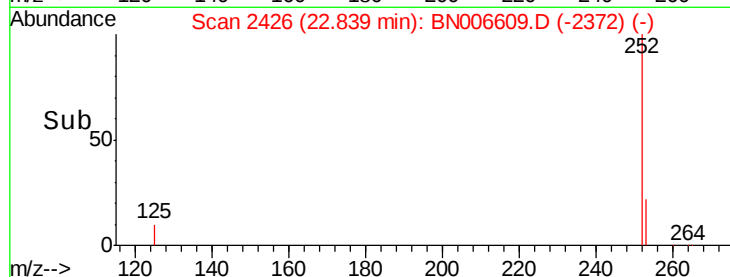
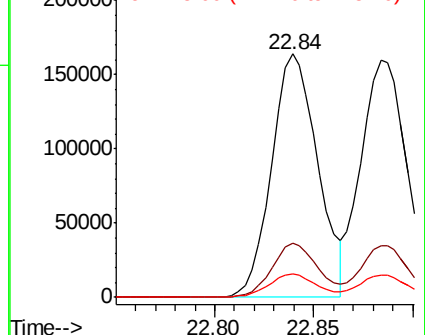
125 9.6 8.7 13.1



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: 3.810 ng

RT: 22.88 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

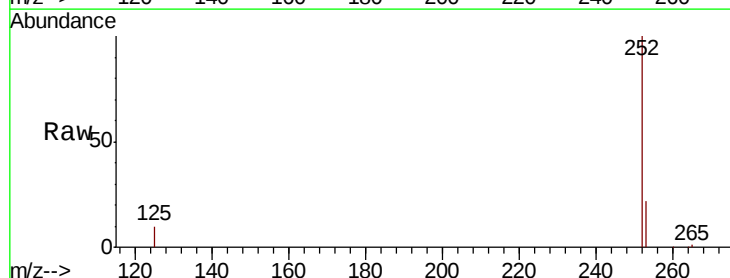
Tgt Ion:252 Resp: 270631

Ion Ratio Lower Upper

252 100

253 21.8 18.3 27.5

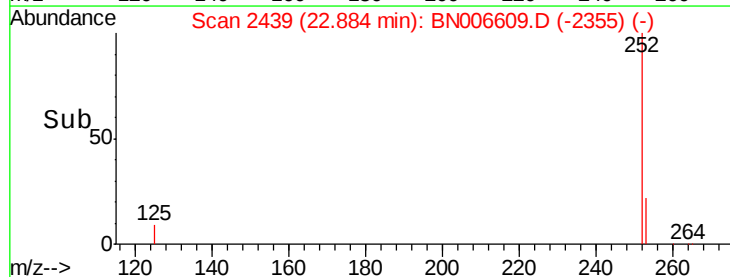
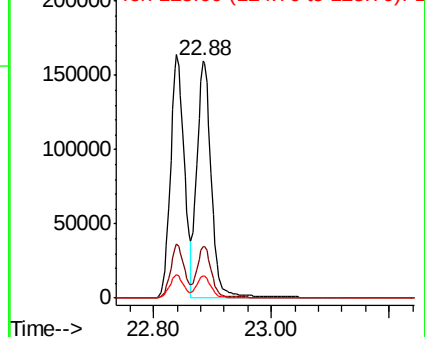
125 9.6 8.4 12.6

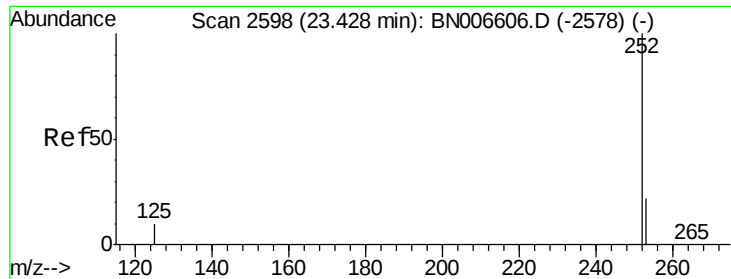


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.675 ng

RT: 23.41 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampleId :

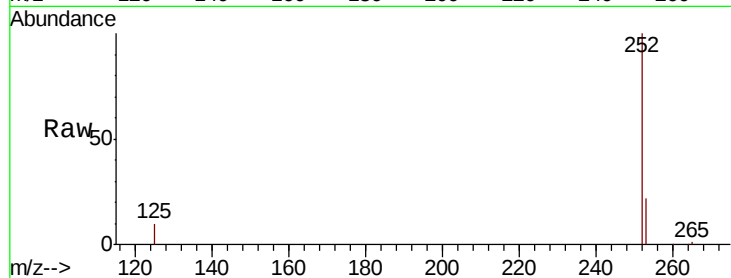
Tot Ion:252 Resp: 240179

Ion Ratio Lower Upper

252 100

253 22.0 18.8 28.2

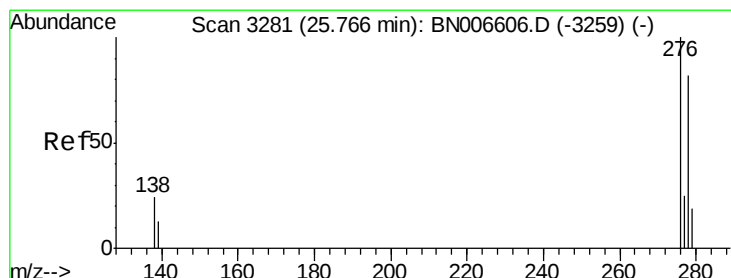
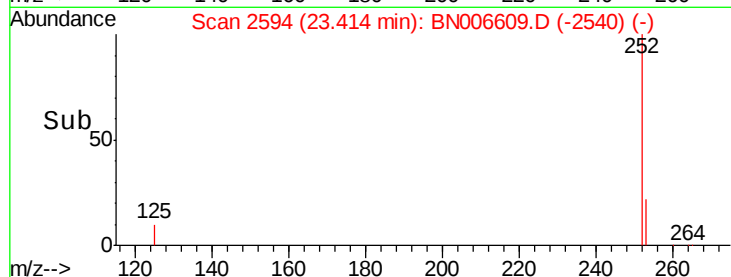
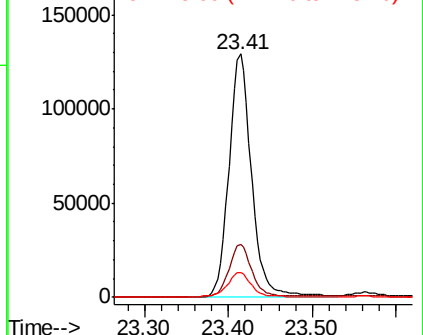
125 10.4 9.4 14.2



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: 3.133 ng

RT: 25.75 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

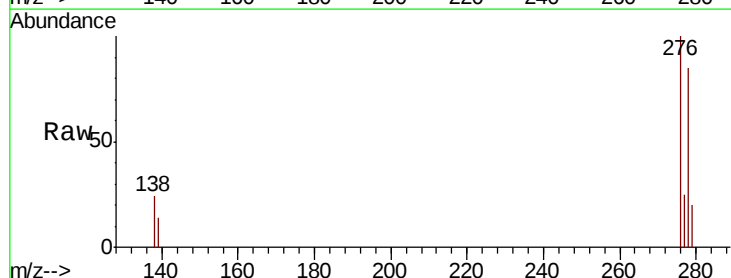
Tgt Ion:278 Resp: 204872

Ion Ratio Lower Upper

278 100

139 16.4 13.5 20.3

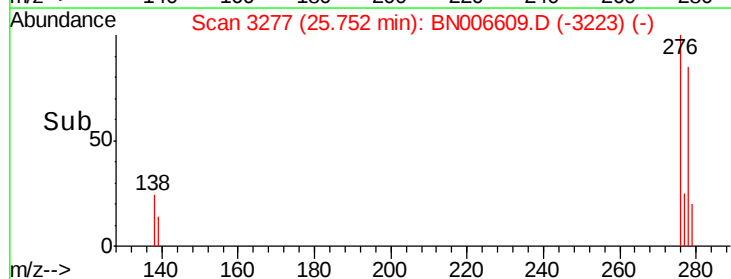
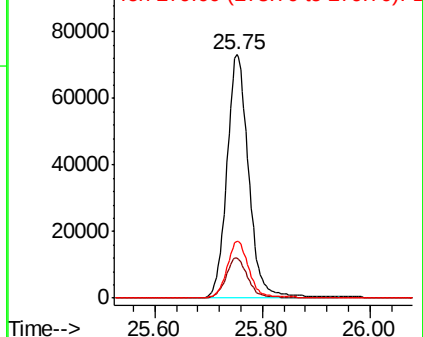
279 23.5 19.4 29.2

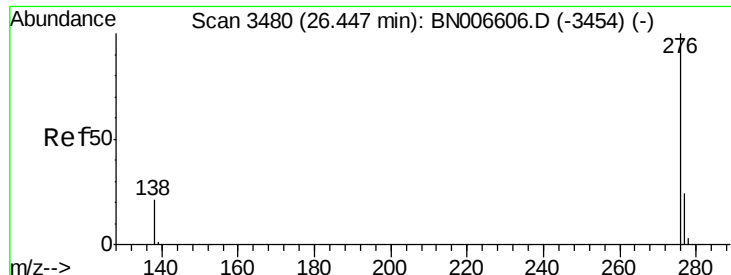


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.053 ng

RT: 26.43 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BN006609.D

Acq: 28 Jun 2019 11:59

Instrument :

BNA_N

ClientSampleId :

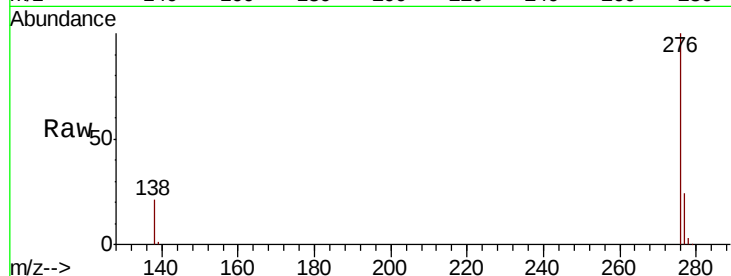
Tot Ion: 276 Resp: 201054

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 21.2 17.7 26.5



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

