

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006617.D
 Acq On : 28 Jun 2019 17:34
 Operator : HP/JU
 Sample : PB120315BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB120315BL

Quant Time: Jun 29 01:11:13 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 13:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5981	0.40	ng	0.00
7) Naphthalene-d8	10.42	136	21876	0.40	ng	0.01
13) Acenaphthene-d10	14.28	164	14190	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	34343	0.40	ng	0.00
27) Chrysene-d12	21.26	240	34877	0.40	ng	-0.01
34) Perylene-d12	23.49	264	37565	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	4409	0.30	ng	0.00
5) Phenol-d6	6.84	99	5275	0.27	ng	0.00
8) Nitrobenzene-d5	8.83	82	3317	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	12.02	152	9191	0.27	ng	0.01
14) 2,4,6-Tribromophenol	15.80	330	852	0.13	ng	0.01
15) 2-Fluorobiphenyl	12.89	172	14319	0.27	ng	0.00
25) Fluoranthene-d10	19.08	212	28455	0.28	ng	0.00
29) Terphenyl-d14	19.68	244	21920	0.30	ng	0.00

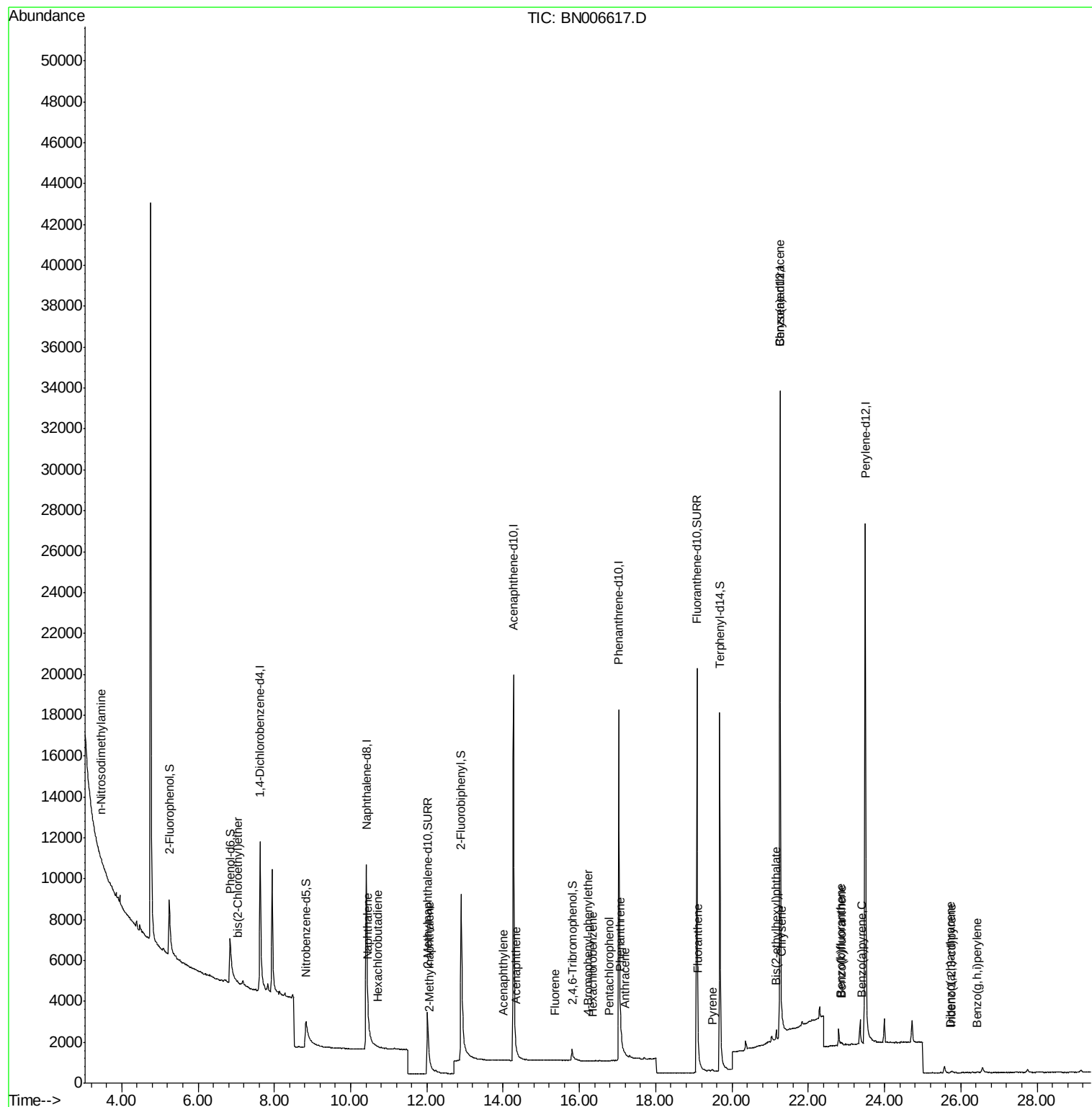
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.46	42	91	0.014	ng	# 1
6) bis(2-Chloroethyl)ether	7.05	93	16	0.001	ng	# 53
9) Naphthalene	10.45	128	17	0.000	ng	# 1
10) Hexachlorobutadiene	10.72	225	2	0.000	ng	# 1
12) 2-Methylnaphthalene	12.07	142	2	0.000	ng	# 34
16) Acenaphthylene	14.01	152	32	0.000	ng	# 78
17) Acenaphthene	14.34	154	8	0.000	ng	# 53
18) Fluorene	15.36	166	17	0.000	ng	# 83
20) 4-Bromophenyl-phenylether	16.24	248	7	0.000	ng	# 62
21) Hexachlorobenzene	16.35	284	7	0.000	ng	# 46
22) Pentachlorophenol	16.77	266	6	0.193	ng	# 72
23) Phenanthrene	17.08	178	74	0.001	ng	# 95
24) Anthracene	17.20	178	24	0.000	ng	# 66
26) Fluoranthene	19.12	202	130	0.001	ng	# 85
28) Pyrene	19.48	202	111	0.001	ng	# 90
30) Benzo(a)anthracene	21.26	228	237	0.002	ng	# 42
31) Chrysene	21.30	228	227	0.002	ng	# 41
32) Bis(2-ethylhexyl)phthalate	21.16	149	482	0.008	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.77	276	84	0.001	ng	# 61
35) Benzo(b)fluoranthene	22.84	252	182	0.001	ng	# 1
36) Benzo(k)fluoranthene	22.88	252	132	0.001	ng	# 1
37) Benzo(a)pyrene	23.40	252	50	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	25.72	278	8	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.43	276	32	0.000	ng	# 1

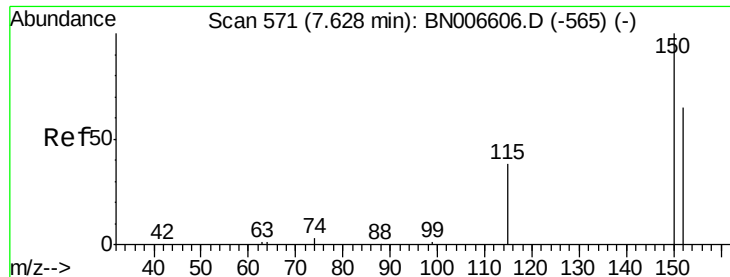
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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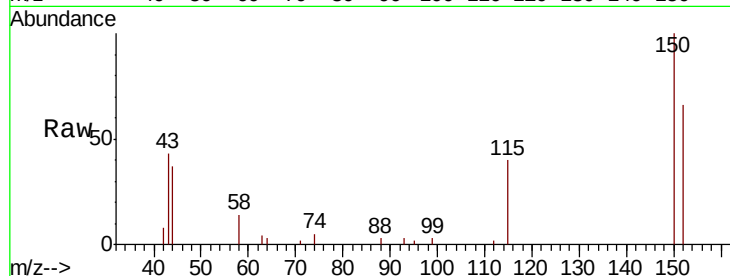


#1

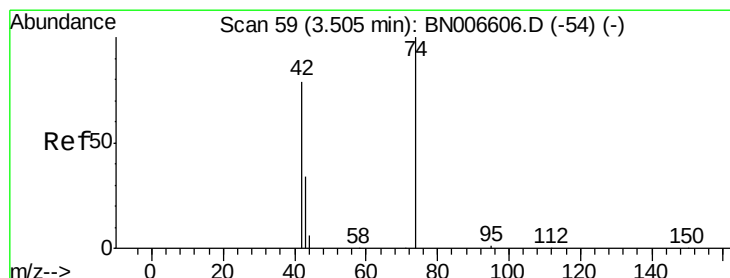
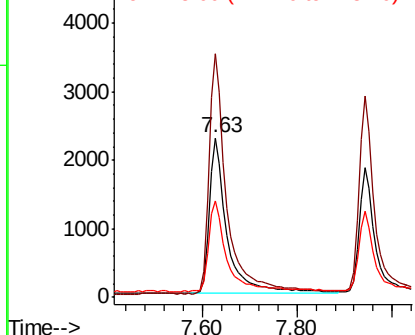
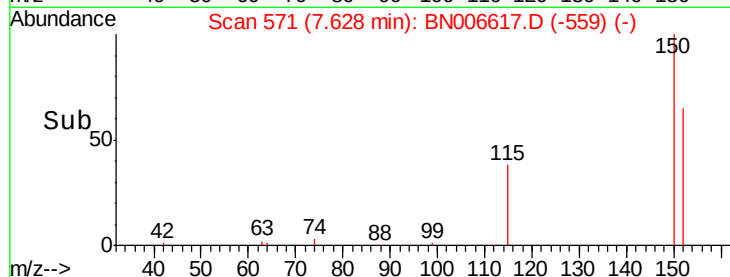
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006617.D
Acq: 28 Jun 2019 17:34

Instrument :
BNA_N
ClientSampleId :
PB120315BL

Tgt Ion: 152 Resp: 5981
Ion Ratio Lower Upper
152 100
150 152.6 122.2 183.2
115 60.4 50.0 75.0



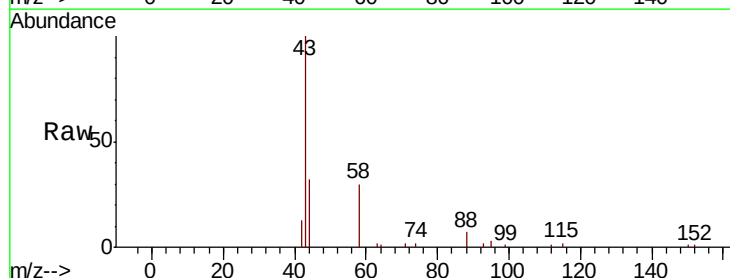
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



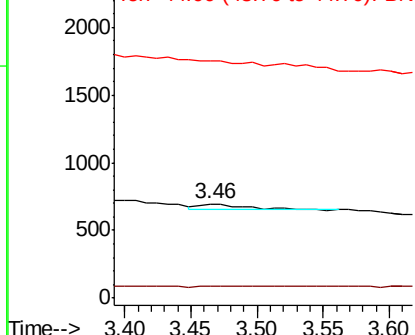
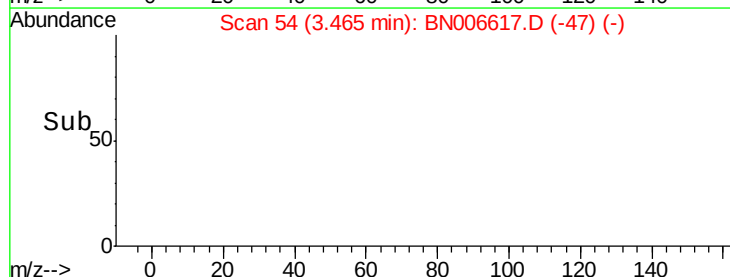
#3

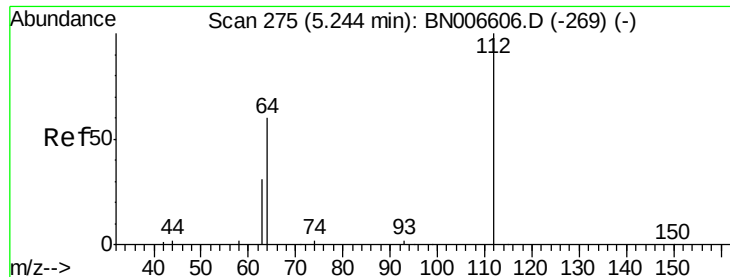
n-Nitrosodimethylamine
Concen: 0.014 ng
RT: 3.46 min Scan# 54
Delta R.T. -0.04 min
Lab File: BN006617.D
Acq: 28 Jun 2019 17:34

Tgt Ion: 42 Resp: 91
Ion Ratio Lower Upper
42 100
74 6.6 103.1 154.7#
44 0.0 3.4 5.2#



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





#4

2-Fluorophenol

Concen: 0.301 ng

RT: 5.24 min Scan# 275

Delta R.T. 0.00 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Instrument :

BNA_N

ClientSampleId :

PB120315BL

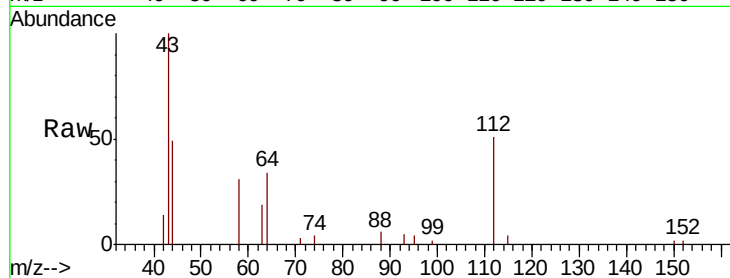
Tgt Ion: 112 Resp: 4409

Ion Ratio Lower Upper

112 100

64 62.2 48.9 73.3

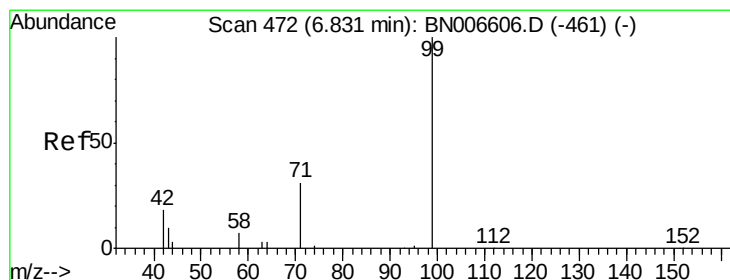
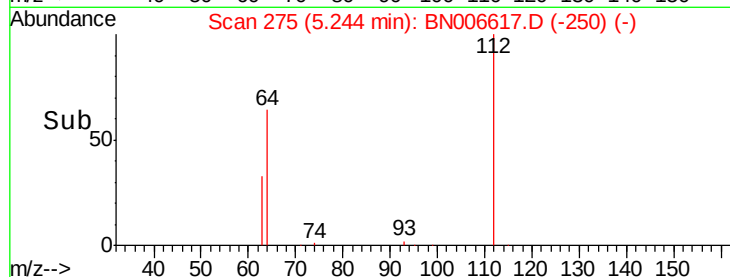
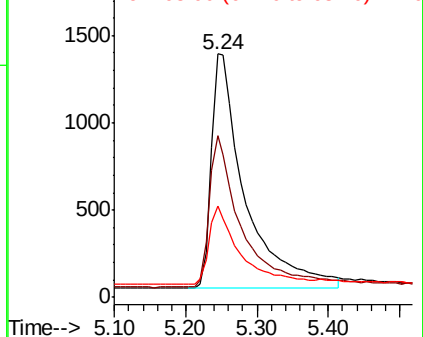
63 31.3 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.272 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.01 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

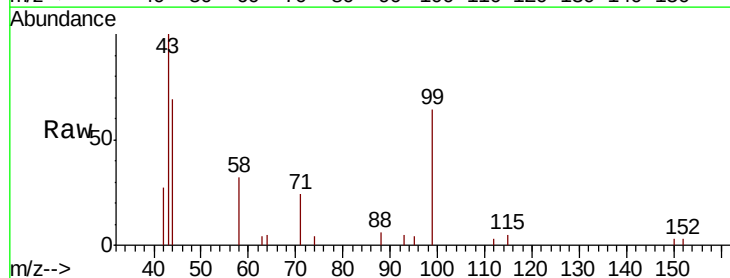
Tgt Ion: 99 Resp: 5275

Ion Ratio Lower Upper

99 100

42 19.2 16.4 24.6

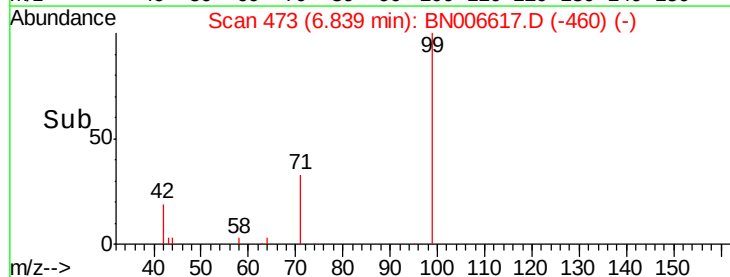
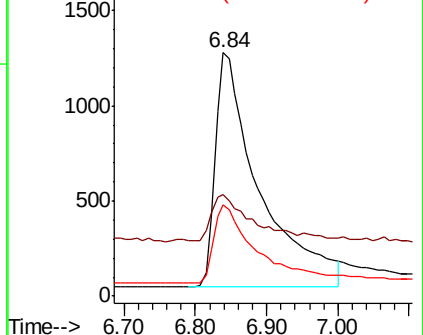
71 32.8 26.6 40.0

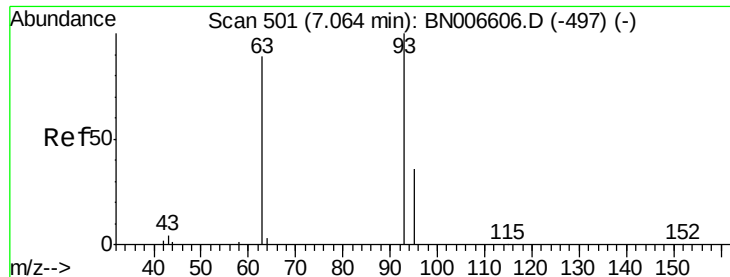


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.02 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Instrument :

BNA_N

ClientSampleId :

PB120315BL

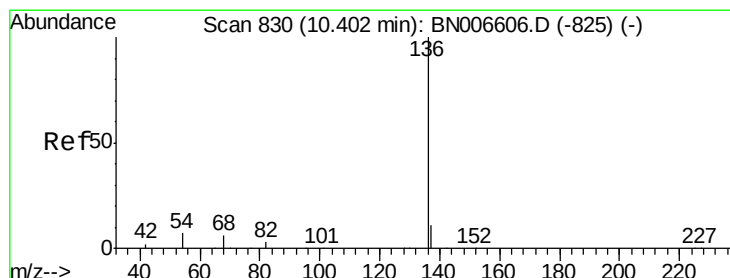
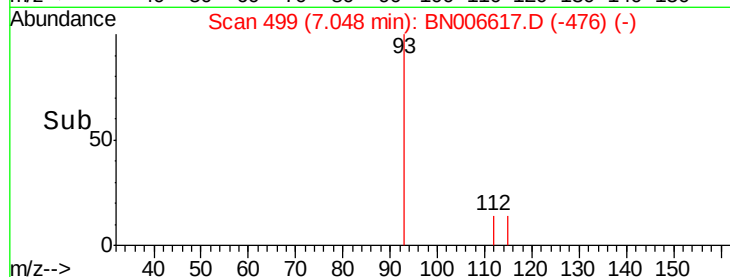
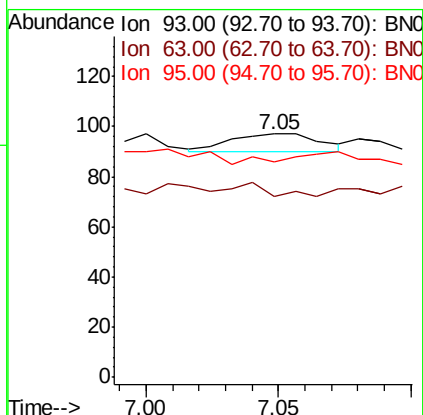
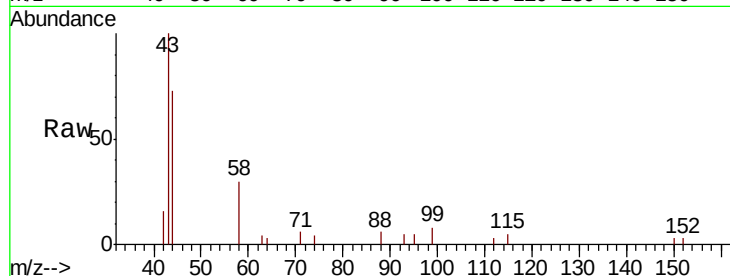
Tgt Ion: 93 Resp: 16

Ion Ratio Lower Upper

93 100

63 31.3 52.5 78.7#

95 0.0 24.2 36.4#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 831

Delta R.T. 0.01 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Tgt Ion: 136 Resp: 21876

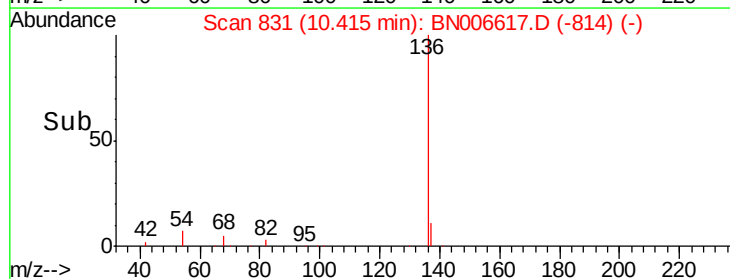
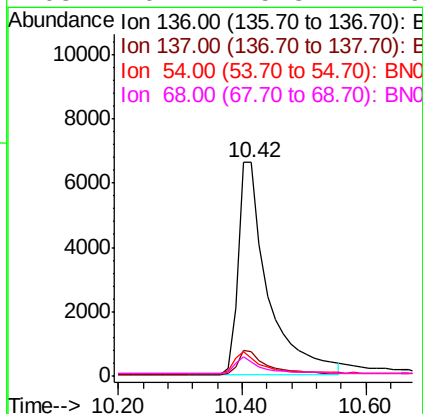
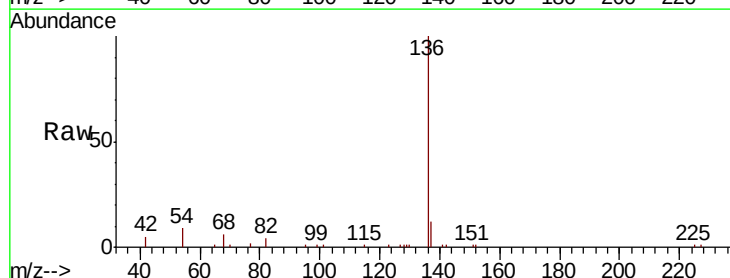
Ion Ratio Lower Upper

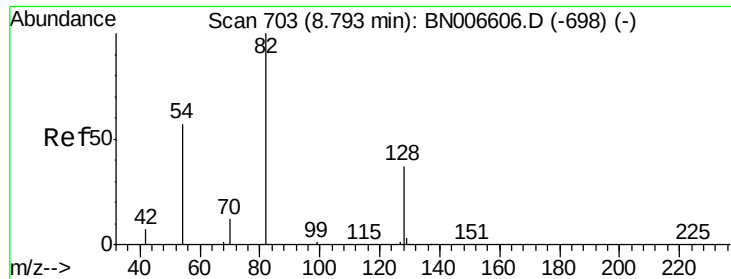
136 100

137 11.6 9.3 13.9

54 8.6 6.7 10.1

68 6.4 5.3 7.9





#8

Nitrobenzene-d5

Concen: 0.225 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Instrument :

BNA_N

ClientSampleId :

PB120315BL

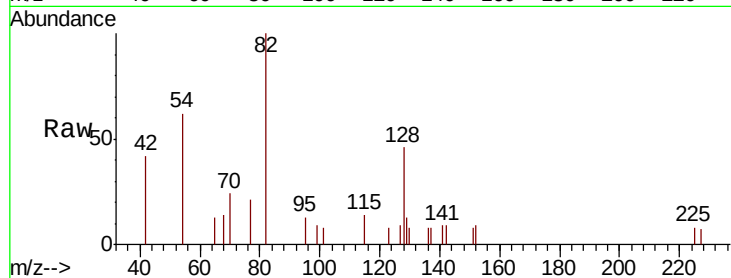
Tgt Ion: 82 Resp: 3317

Ion Ratio Lower Upper

82 100

128 45.7 32.6 49.0

54 62.4 48.2 72.4



Abundance Ion 82.00 (81.70 to 82.70): BN006617.D (-687) (-)

Ion 128.00 (127.70 to 128.70): BN006617.D (-687) (-)

Ion 54.00 (53.70 to 54.70): BN006617.D (-687) (-)

8.83

600

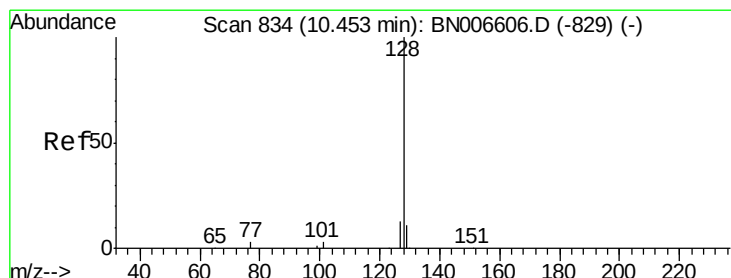
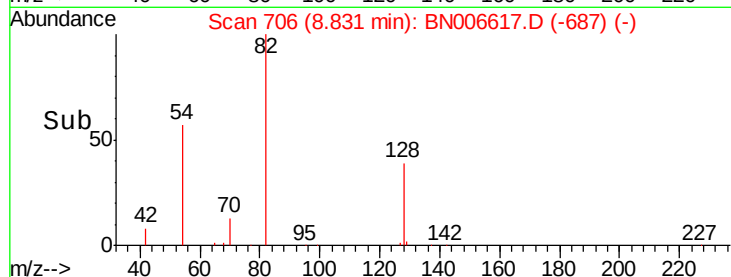
400

200

0

8.60 8.70 8.80 8.90 9.00

Time-->



#9

Naphthalene

Concen: 0.000 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

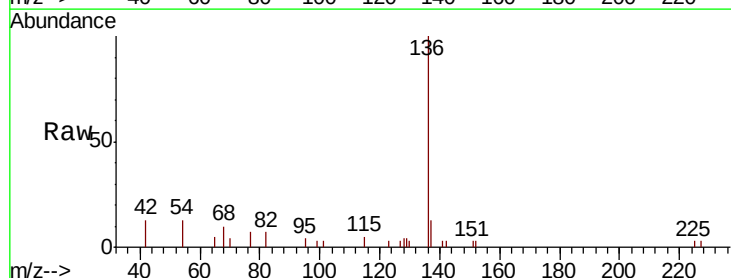
Tgt Ion: 128 Resp: 17

Ion Ratio Lower Upper

128 100

129 83.1 9.3 13.9#

127 67.5 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): BN006617.D (-826) (-)

Ion 129.00 (128.70 to 129.70): BN006617.D (-826) (-)

Ion 127.00 (126.70 to 127.70): BN006617.D (-826) (-)

10.45

80

60

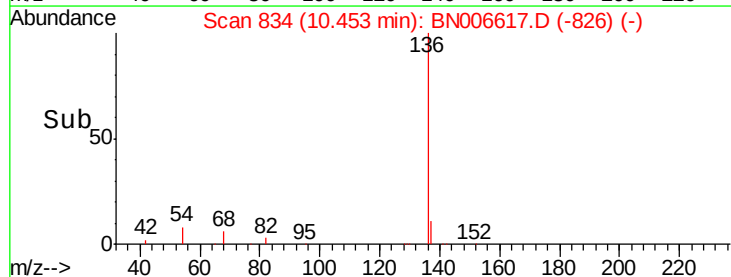
40

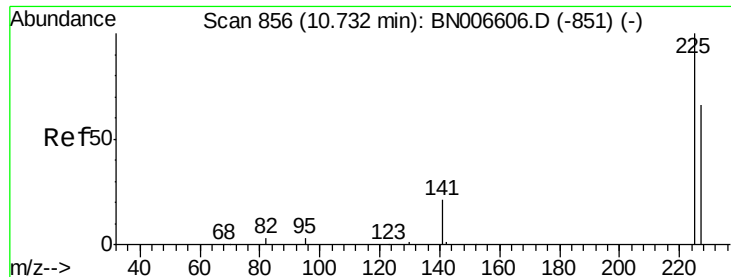
20

0

10.40 10.45 10.50

Time-->

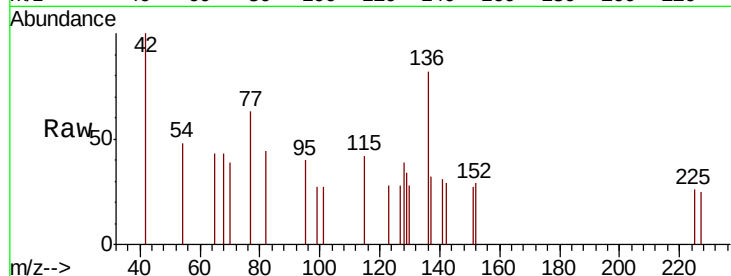




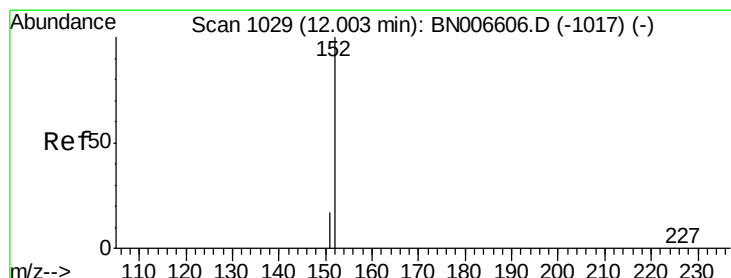
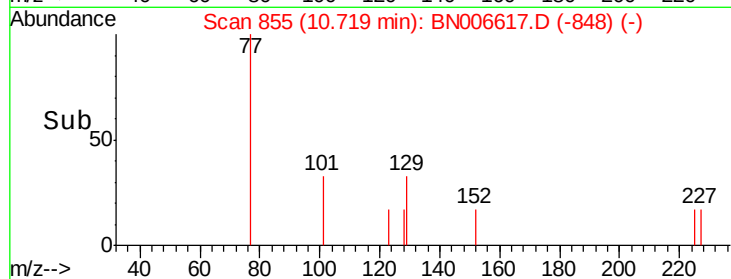
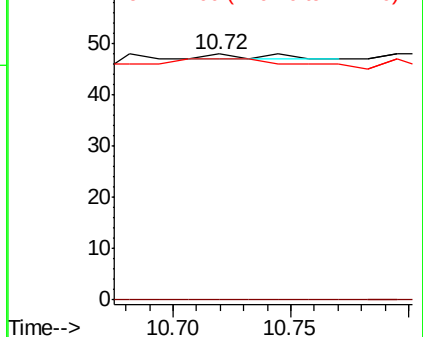
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.01 min
Lab File: BN006617.D
Acq: 28 Jun 2019 17:34

Instrument :
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Tgt Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 400.0 51.4 77.2#

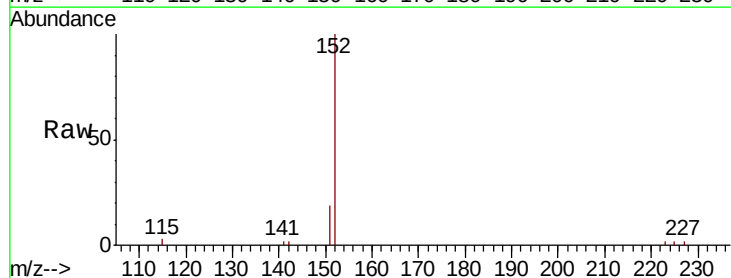


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

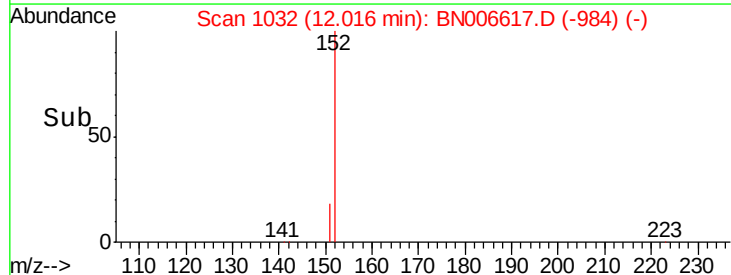
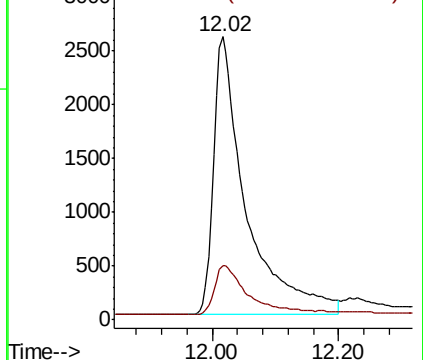


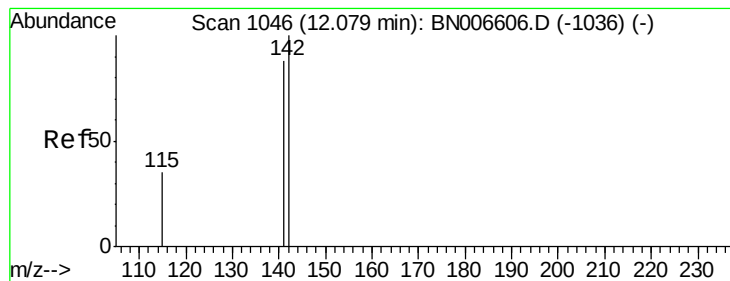
#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.02 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BN006617.D
Acq: 28 Jun 2019 17:34

Tgt Ion: 152 Resp: 9191
Ion Ratio Lower Upper
152 100
151 18.6 15.0 22.4



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





#12

2-Methylnaphthalene

Concen: 0.000 ng

RT: 12.07 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Instrument :

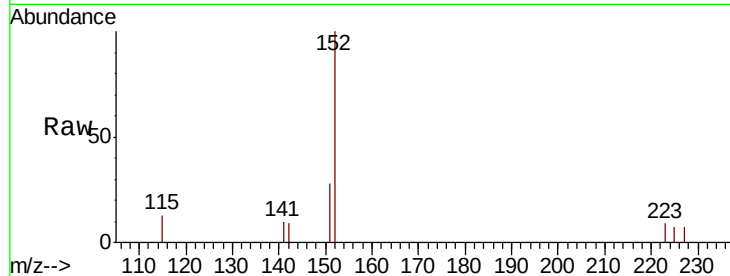
BNA_N

ClientSampleId :

PB120315BL

Tgt Ion:142 Resp: 2

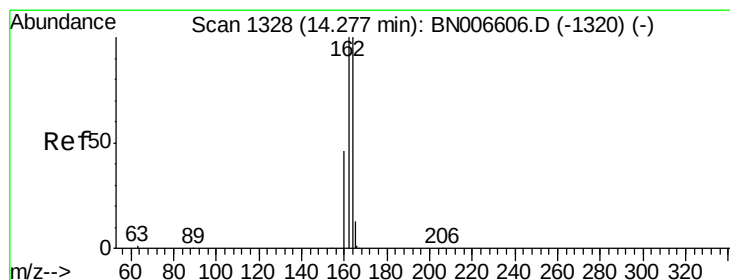
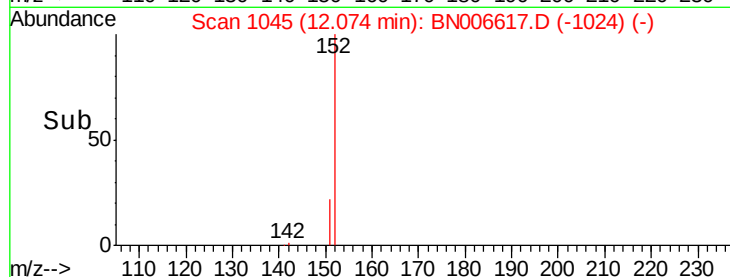
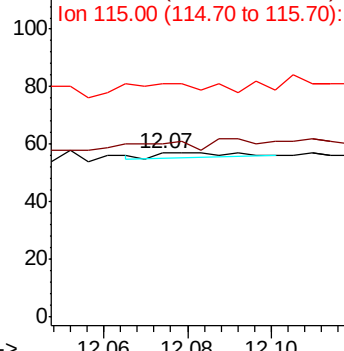
Ion	Ratio	Lower	Upper
142	100		
141	105.3	70.2	105.4
115	142.1	28.5	42.7#



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1328

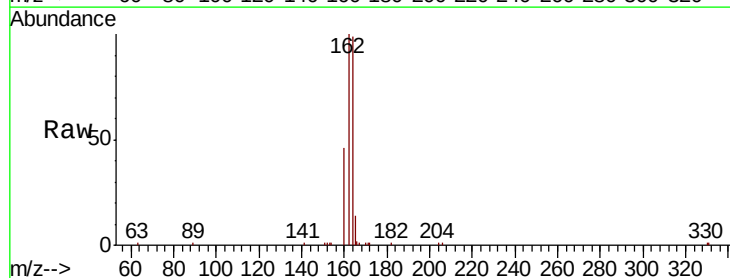
Delta R.T. 0.00 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Tgt Ion:164 Resp: 14190

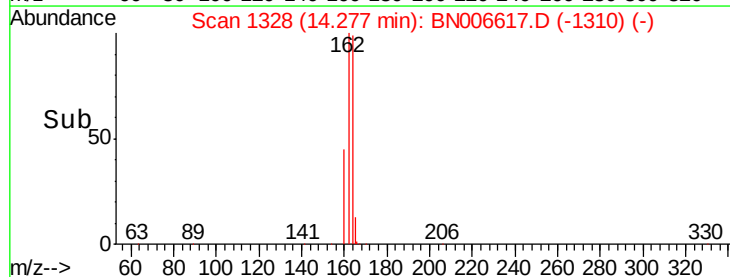
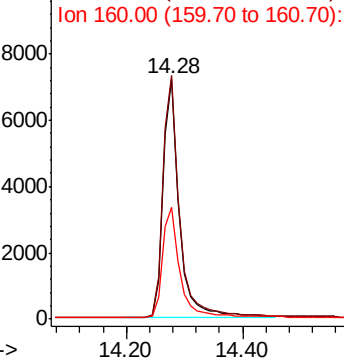
Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.0	120.0
160	46.3	37.0	55.4

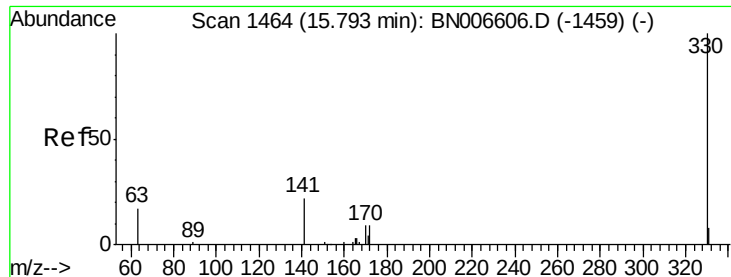


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

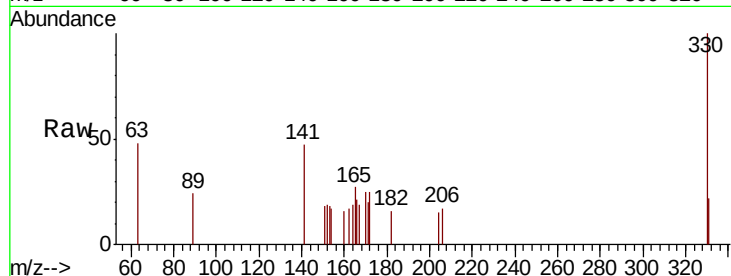




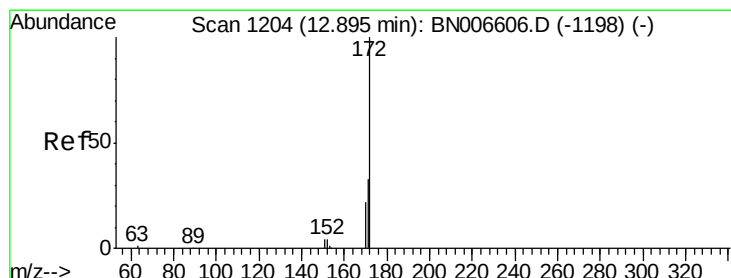
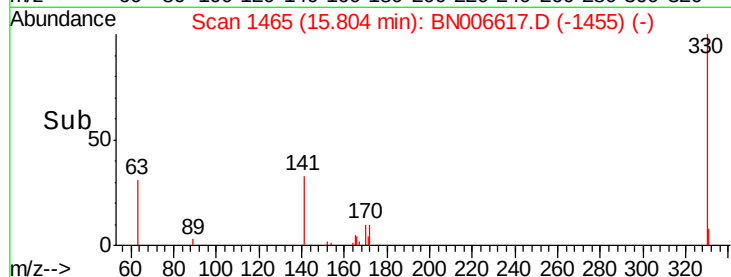
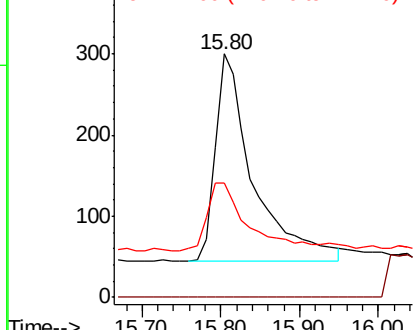
#14
 2,4,6-Tribromophenol
 Concen: 0.128 ng
 RT: 15.80 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BN006617.D
 Acq: 28 Jun 2019 17:34

Instrument :
 BNA_N
 ClientSampleId :
 PB120315BL

Tgt Ion: 330 Resp: 852
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.7 26.5 39.7

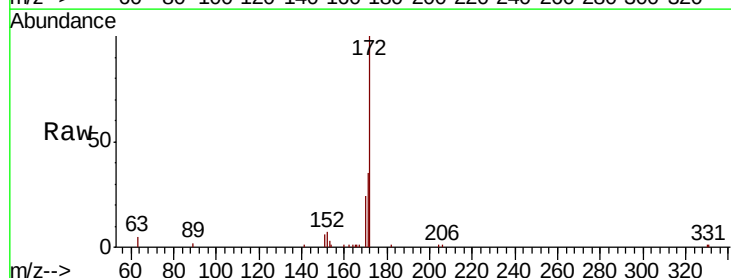


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

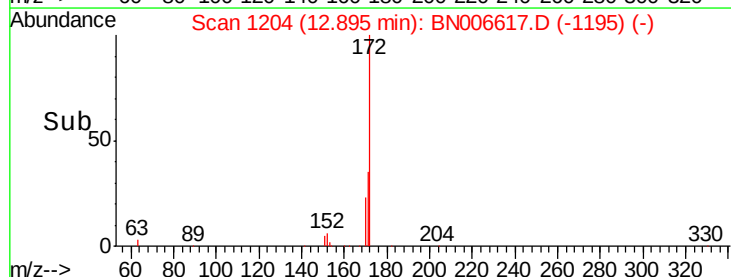
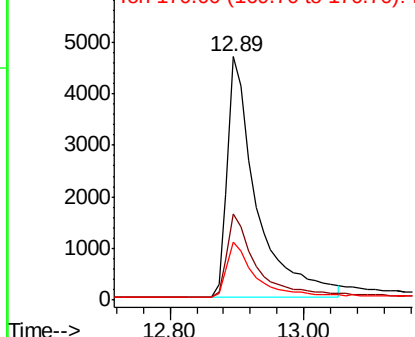


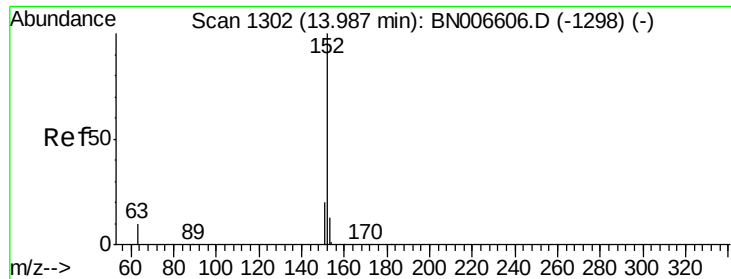
#15
 2-Fluorobiphenyl
 Concen: 0.272 ng
 RT: 12.89 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BN006617.D
 Acq: 28 Jun 2019 17:34

Tgt Ion: 172 Resp: 14319
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.0 40.4
 170 23.9 17.7 26.5



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





#16

Acenaphthylene

Concen: 0.000 ng

RT: 14.01 min Scan# 1304

Delta R.T. 0.02 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Instrument :

BNA_N

ClientSampleId :

PB120315BL

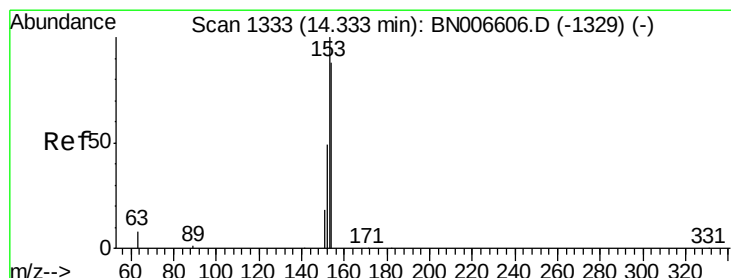
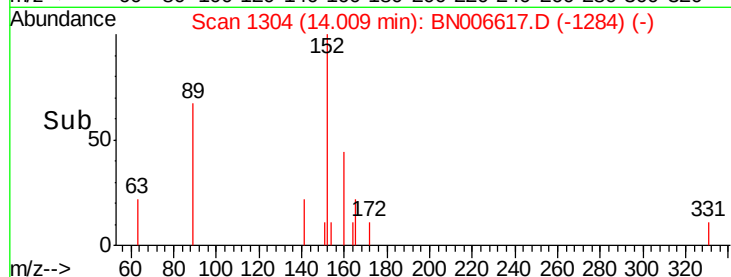
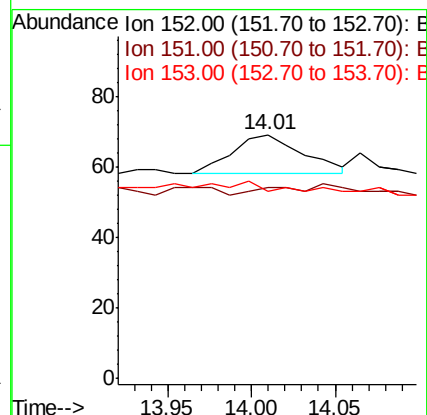
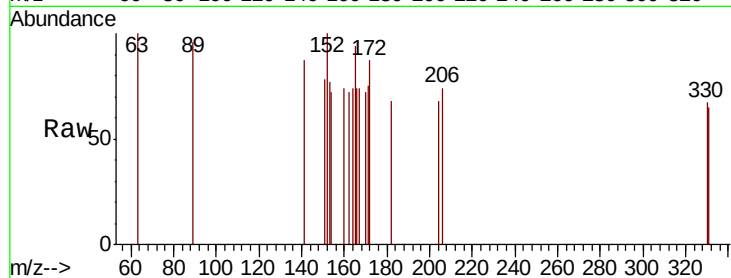
Tgt Ion:152 Resp: 32

Ion Ratio Lower Upper

152 100

151 12.5 15.6 23.4#

153 0.0 10.5 15.7#



#17

Acenaphthene

Concen: 0.000 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

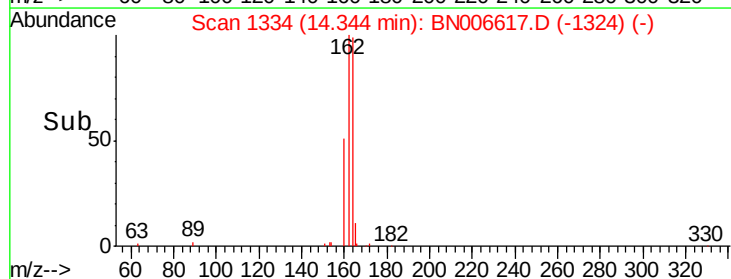
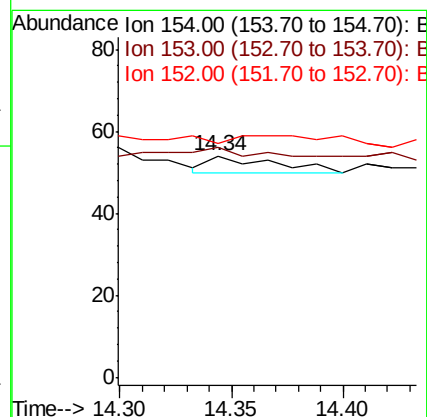
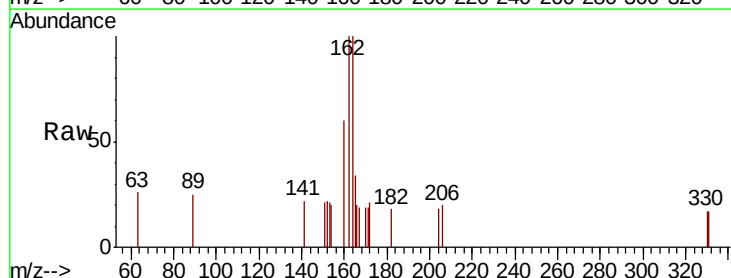
Tgt Ion:154 Resp: 8

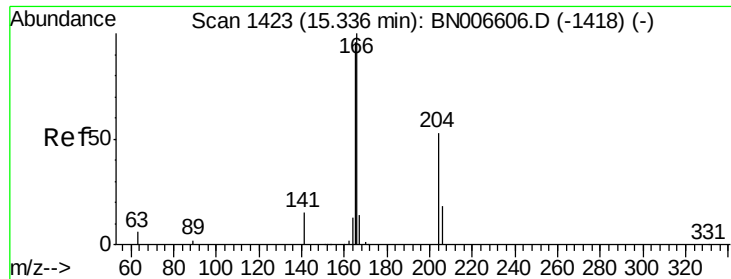
Ion Ratio Lower Upper

154 100

153 137.5 90.2 135.4#

152 125.0 44.2 66.4#





#18

Fluorene

Concen: 0.000 ng

RT: 15.36 min Scan# 1425

Delta R.T. 0.02 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Instrument :

BNA_N

ClientSampleId :

PB120315BL

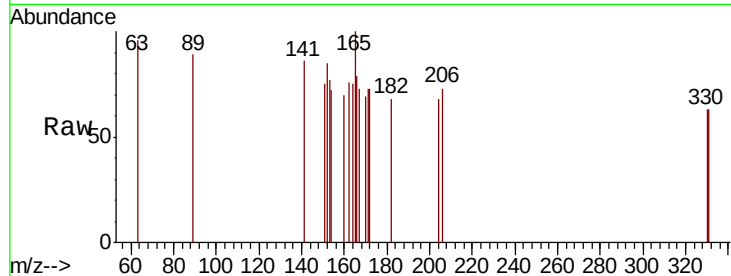
Tgt Ion:166 Resp: 17

Ion Ratio Lower Upper

166 100

165 82.4 78.4 117.6

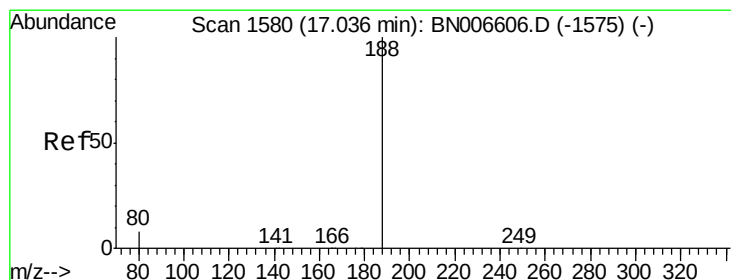
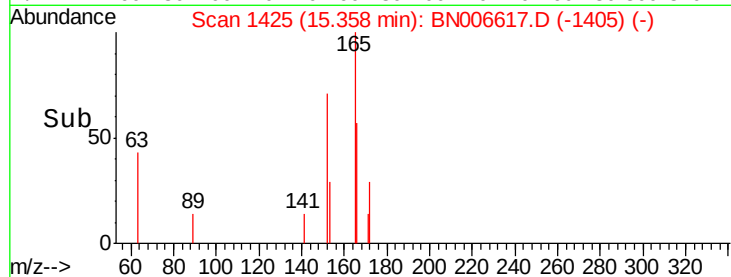
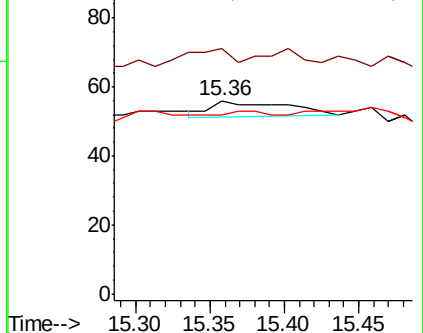
167 23.5 10.8 16.2#



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: 17.04 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

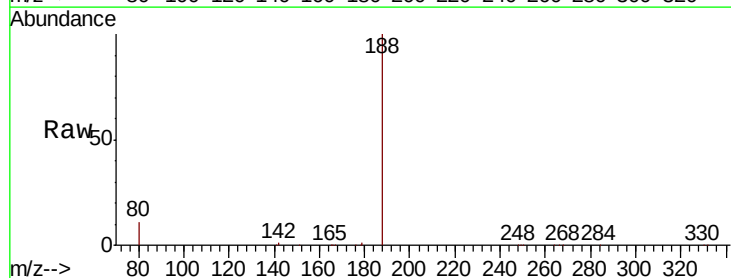
Tgt Ion:188 Resp: 34343

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

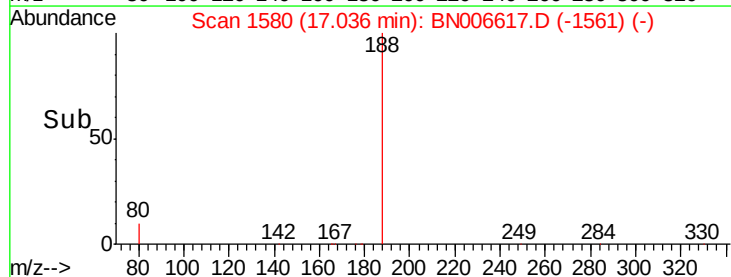
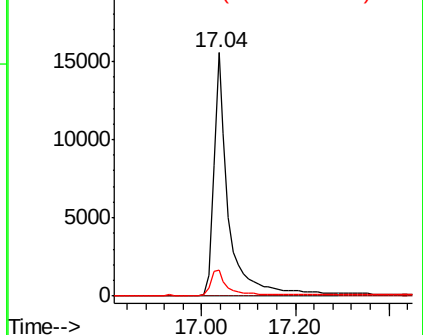
80 10.8 7.1 10.7#

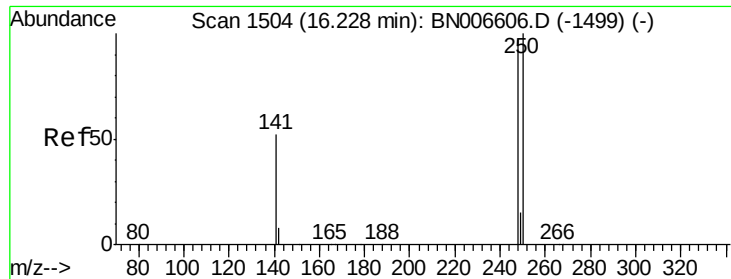


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

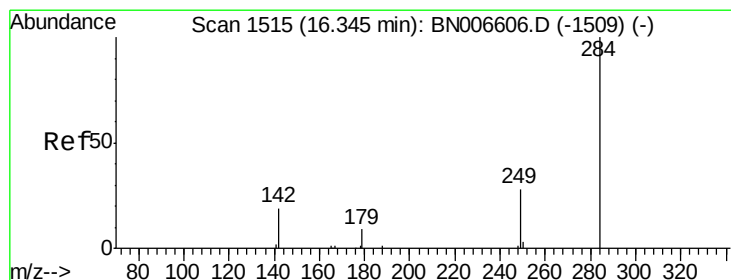
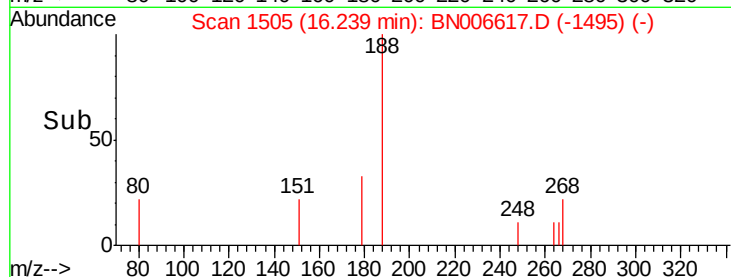
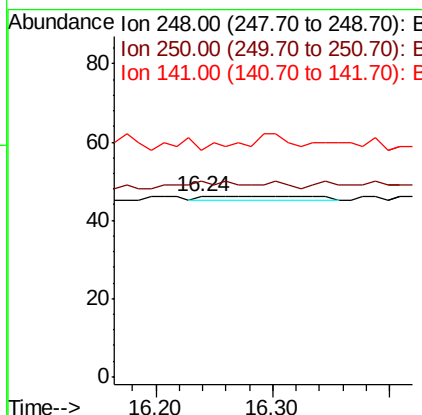
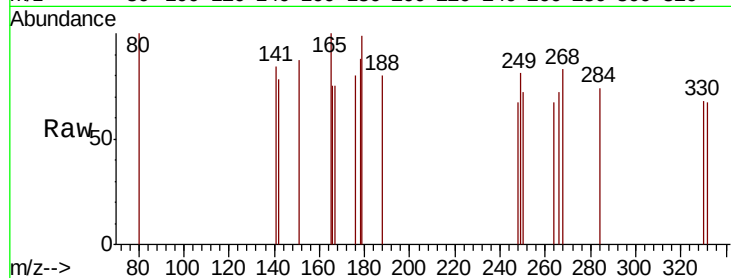




#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.24 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BN006617.D
Acq: 28 Jun 2019 17:34

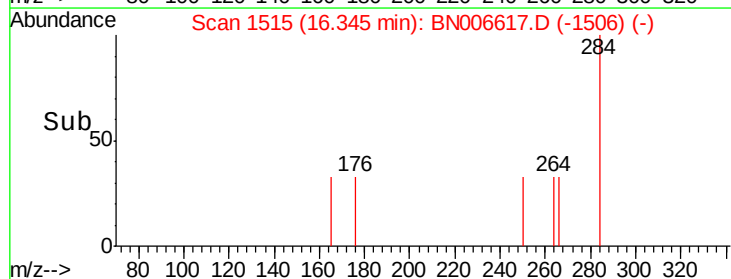
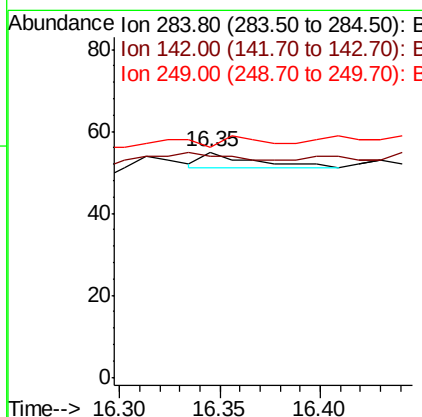
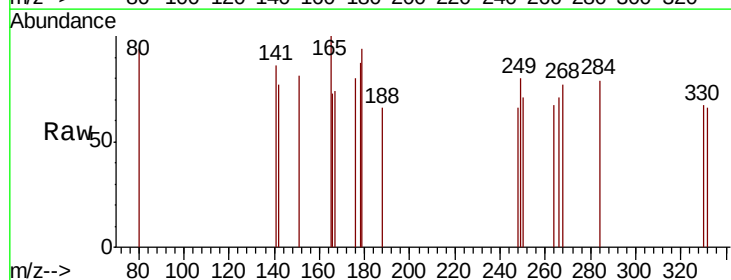
Instrument :
BNA_N
ClientSampleId :
PB120315BL

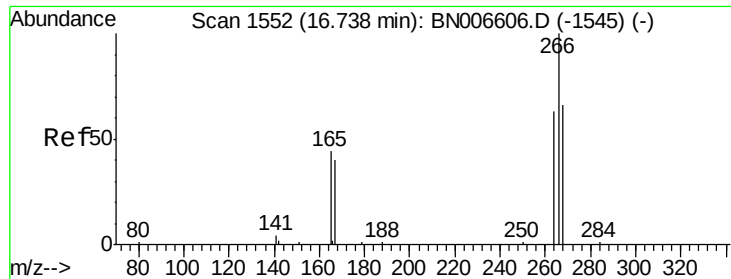
Tgt Ion:248 Resp: 7
Ion Ratio Lower Upper
248 100
250 108.7 82.2 123.4
141 126.1 43.8 65.8#



#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.35 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN006617.D
Acq: 28 Jun 2019 17:34

Tgt Ion:284 Resp: 7
Ion Ratio Lower Upper
284 100
142 0.0 27.5 41.3#
249 57.1 24.7 37.1#





#22

Pentachlorophenol

Concen: 0.193 ng

RT: 16.77 min Scan# 1555

Delta R.T. 0.03 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

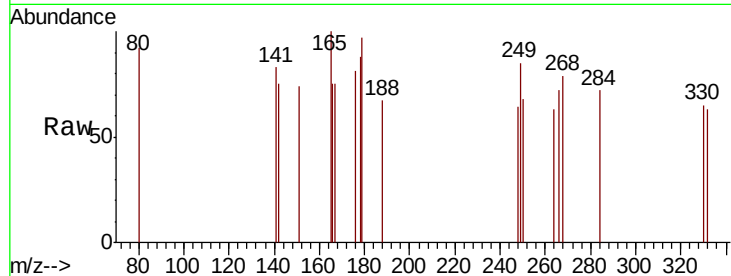
Instrument :

BNA_N

ClientSampleId :

PB120315BL

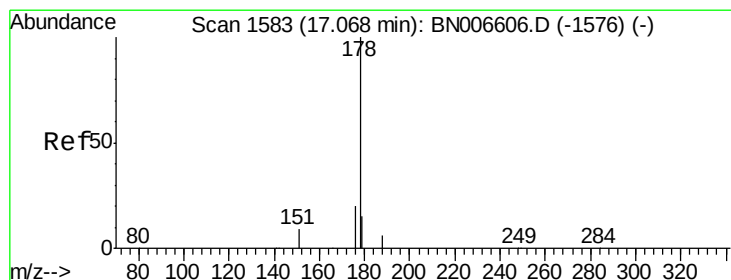
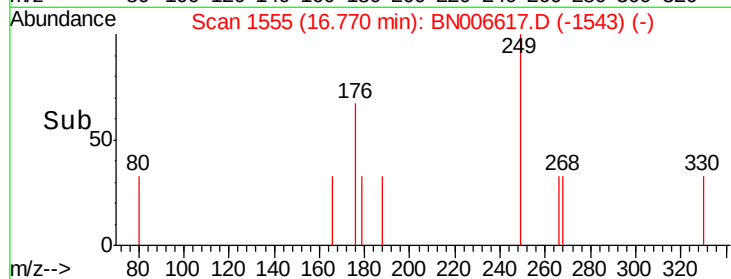
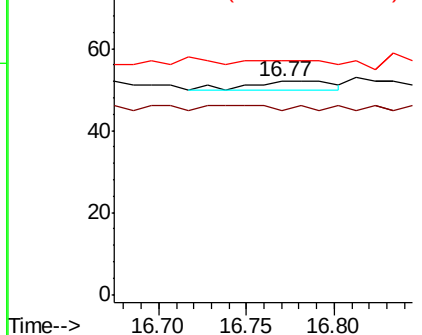
Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	86.5	56.2	84.4#
268	109.6	63.0	94.4#



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: 0.001 ng

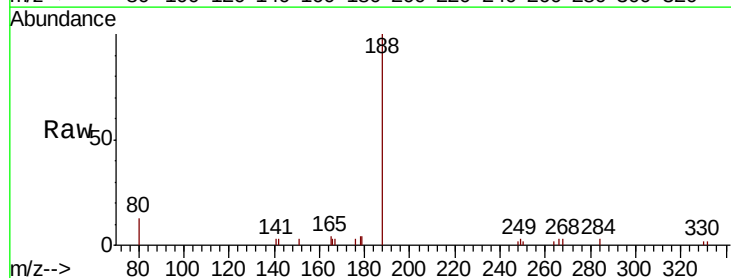
RT: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

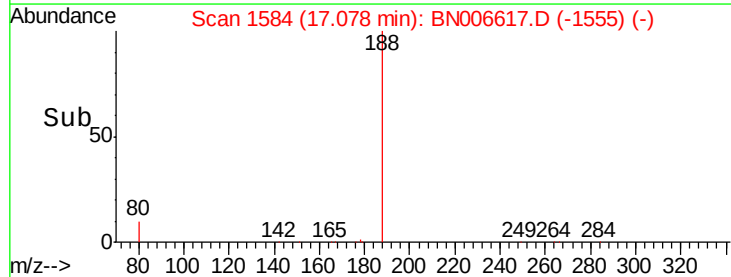
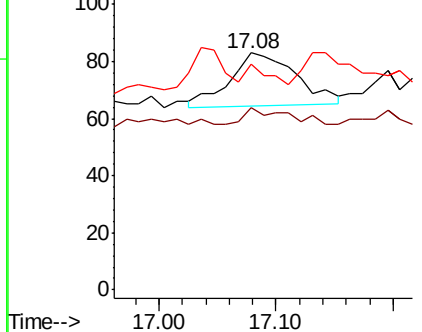
Tgt Ion:	178	Resp:	74
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	10.8	12.2	18.4#

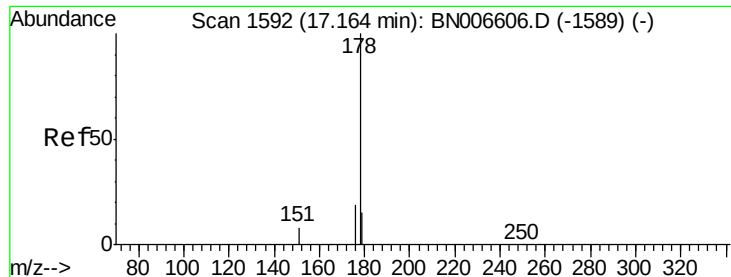


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.000 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.03 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Instrument :

BNA_N

ClientSampleId :

PB120315BL

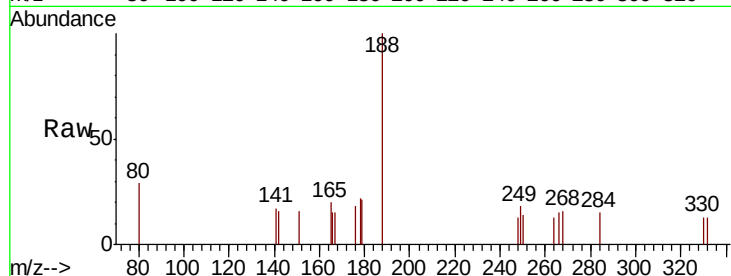
Tgt Ion:178 Resp: 24

Ion Ratio Lower Upper

178 100

176 33.3 15.0 22.4#

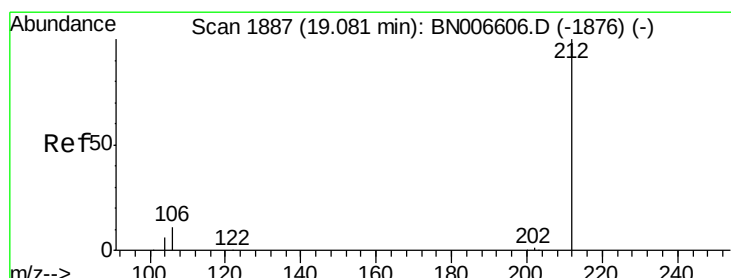
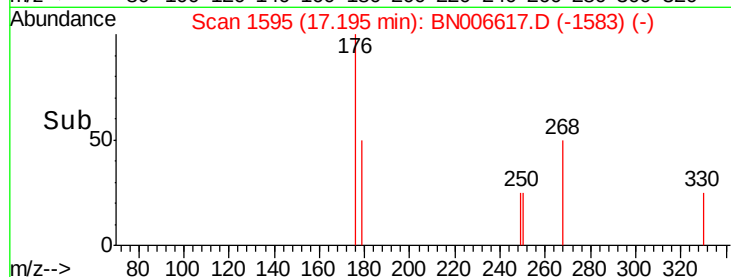
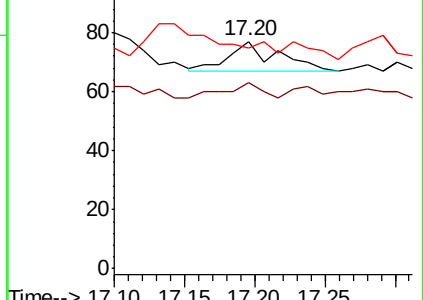
179 0.0 12.2 18.2#



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: 0.282 ng

RT: 19.08 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

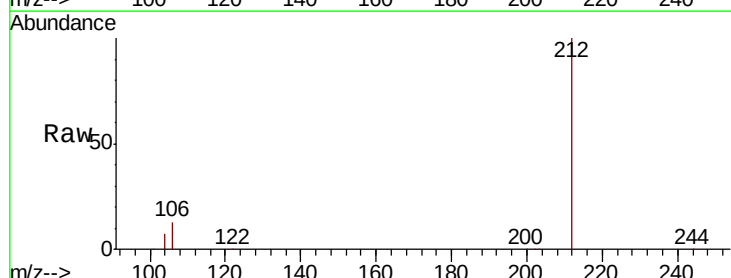
Tgt Ion:212 Resp: 28455

Ion Ratio Lower Upper

212 100

106 13.5 10.6 15.8

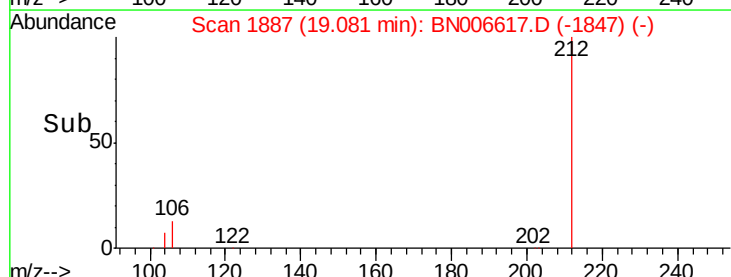
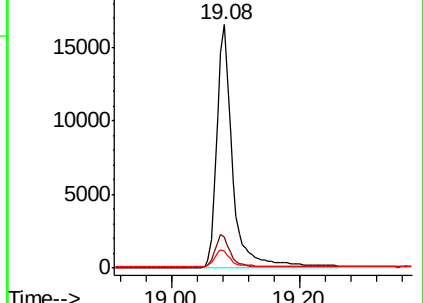
104 7.1 5.8 8.6

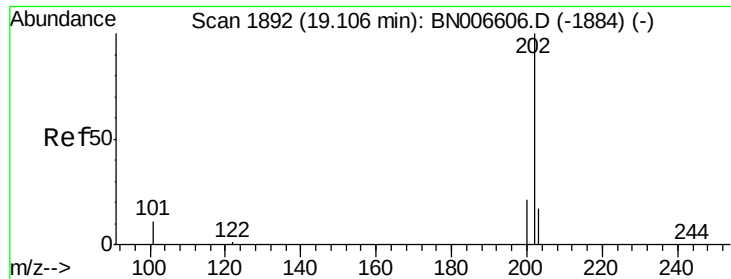


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

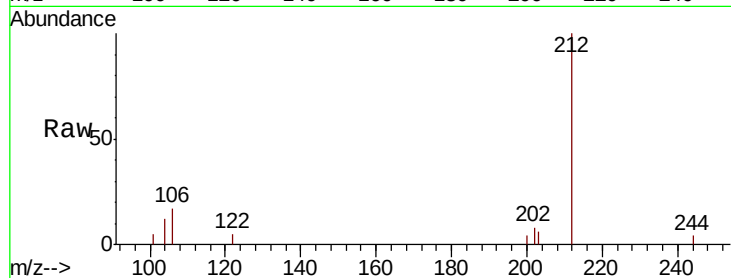




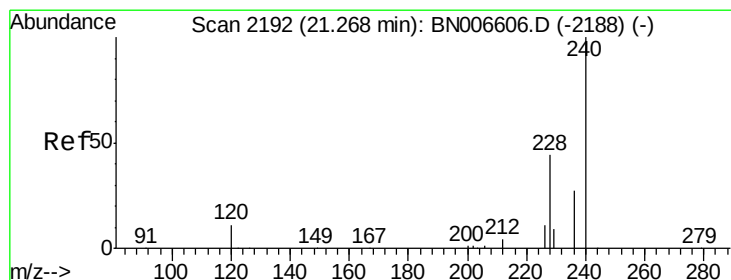
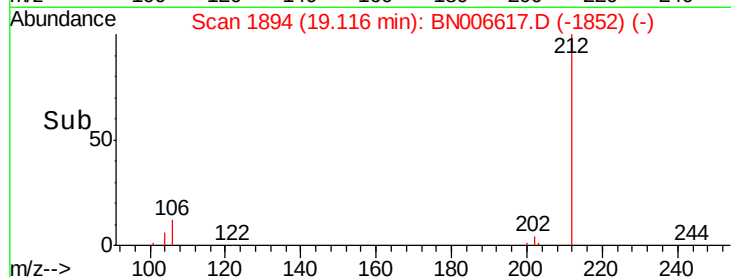
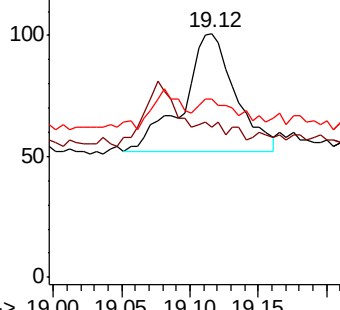
#26
Fluoranthene
Concen: 0.001 ng
RT: 19.12 min Scan# 1894
Delta R.T. 0.01 min
Lab File: BN006617.D
Acq: 28 Jun 2019 17:34

Instrument :
BNA_N
ClientSampleId :
PB120315BL

Tgt Ion:202 Resp: 130
Ion Ratio Lower Upper
202 100
101 0.0 8.9 13.3#
203 14.6 13.6 20.4

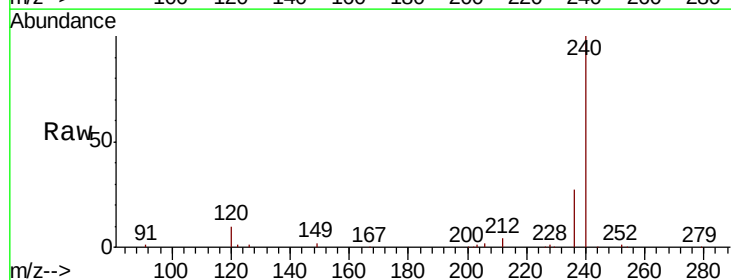


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

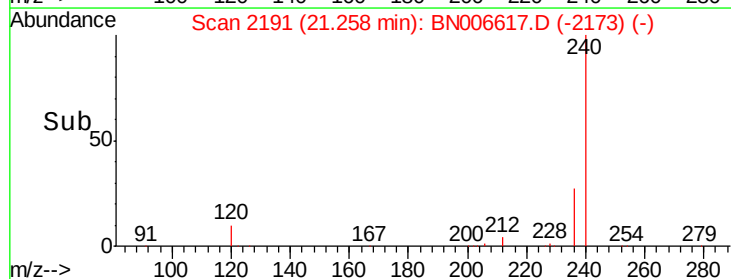
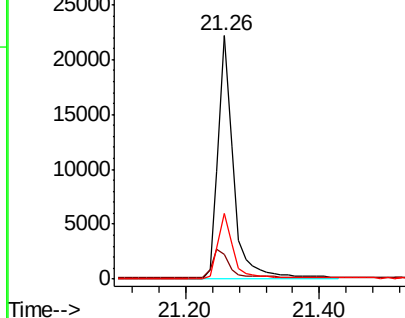


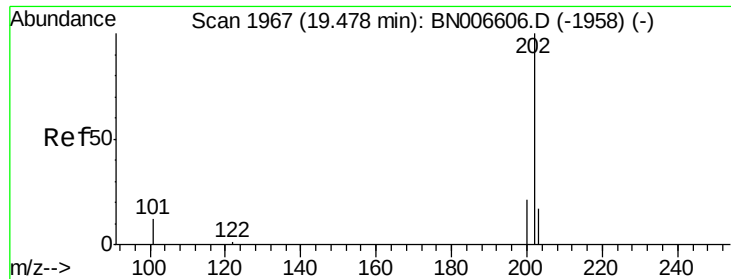
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006617.D
Acq: 28 Jun 2019 17:34

Tgt Ion:240 Resp: 34877
Ion Ratio Lower Upper
240 100
120 10.3 9.9 14.9
236 27.2 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: 0.001 ng

RT: 19.48 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Instrument :

BNA_N

ClientSampleId :

PB120315BL

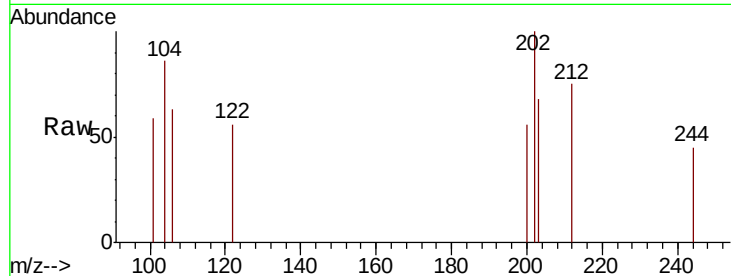
Tgt Ion: 202 Resp: 111

Ion Ratio Lower Upper

202 100

200 27.9 16.7 25.1#

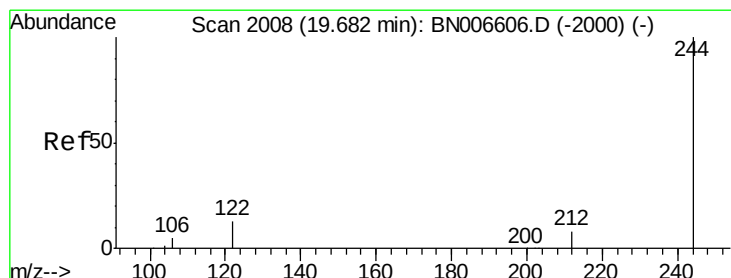
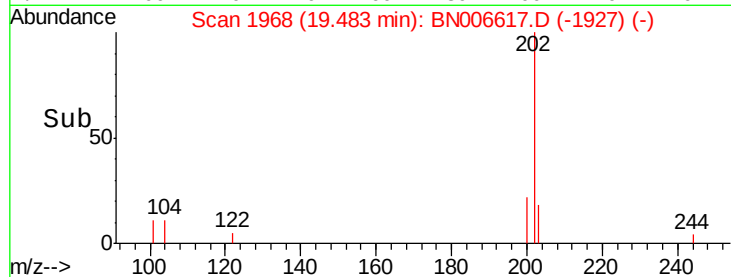
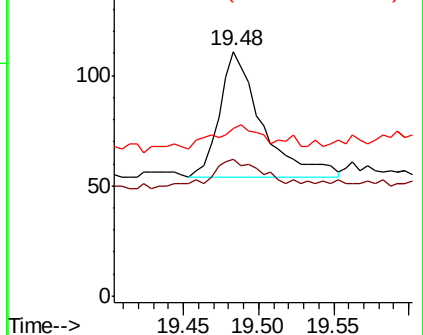
203 18.9 14.1 21.1



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: 0.300 ng

RT: 19.68 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

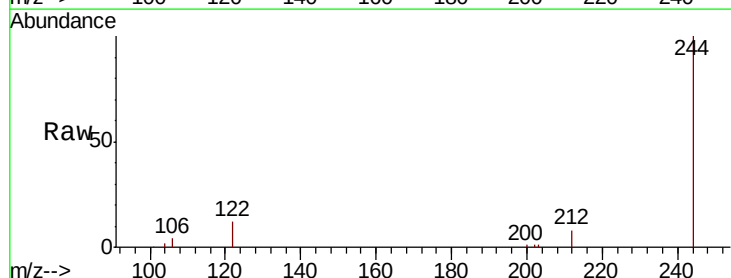
Tgt Ion: 244 Resp: 21920

Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

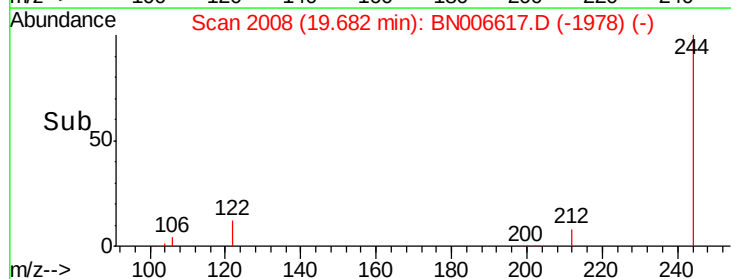
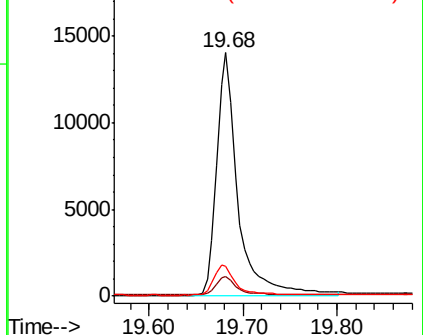
122 12.5 11.0 16.6

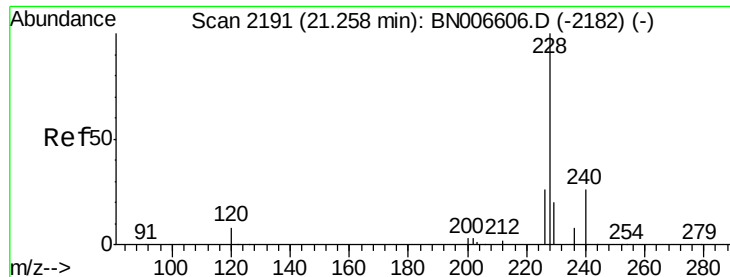


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Instrument :

BNA_N

ClientSampleId :

PB120315BL

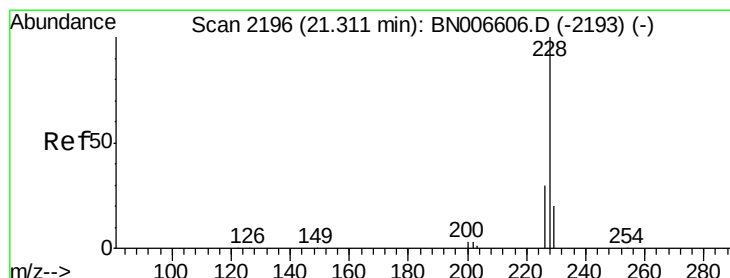
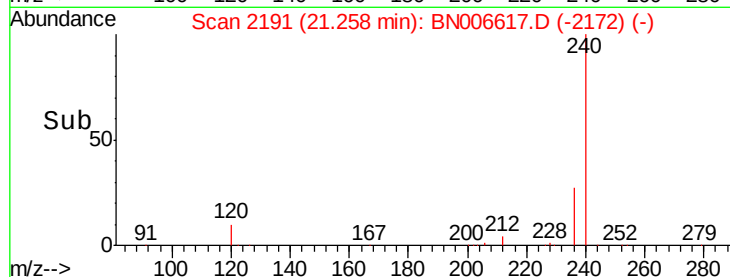
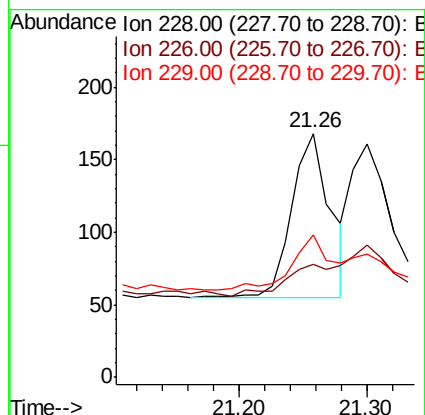
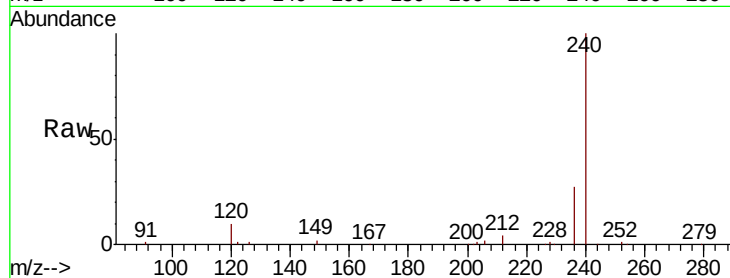
Tgt Ion:228 Resp: 237

Ion Ratio Lower Upper

228 100

226 46.4 21.2 31.8#

229 58.3 16.1 24.1#



#31

Chrysene

Concen: 0.002 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

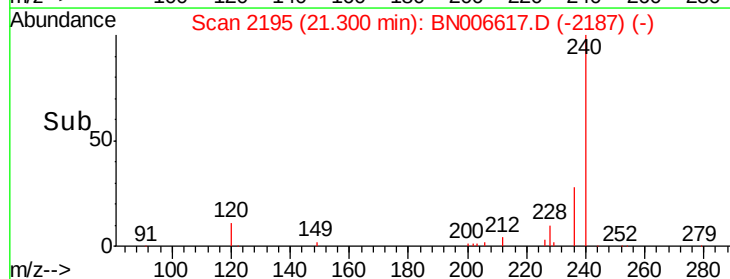
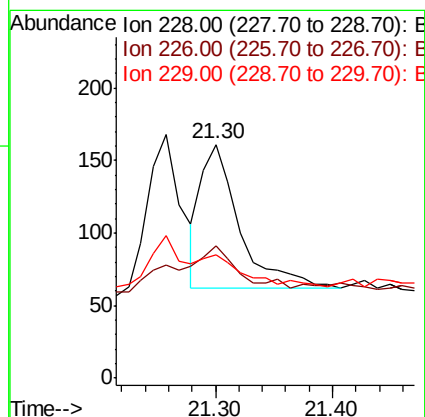
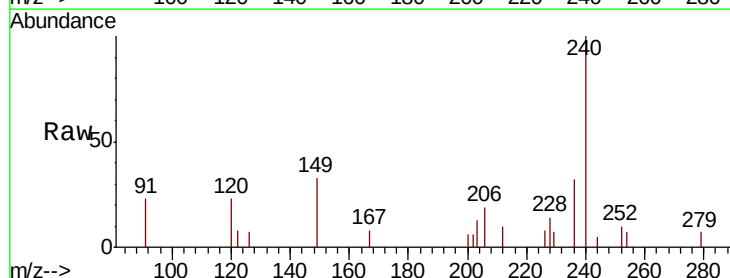
Tgt Ion:228 Resp: 227

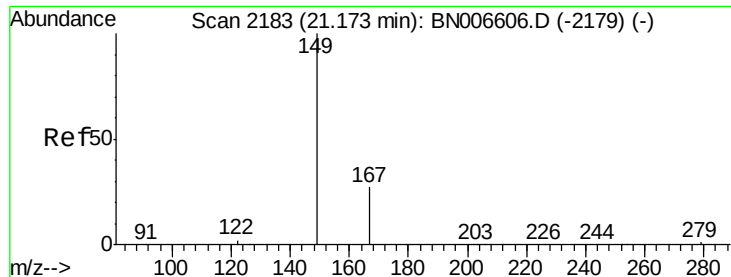
Ion Ratio Lower Upper

228 100

226 56.5 23.8 35.6#

229 52.8 15.9 23.9#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.008 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Instrument :

BNA_N

ClientSampleId :

PB120315BL

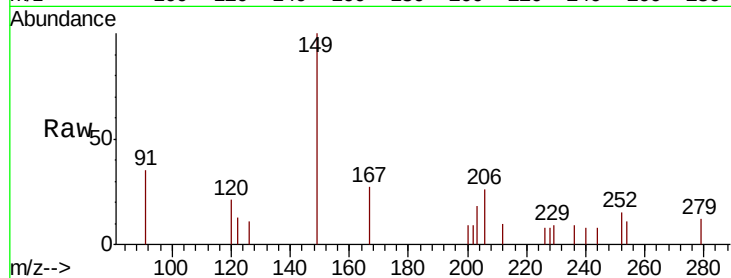
Tgt Ion:149 Resp: 482

Ion Ratio Lower Upper

149 100

167 26.1 22.9 34.3

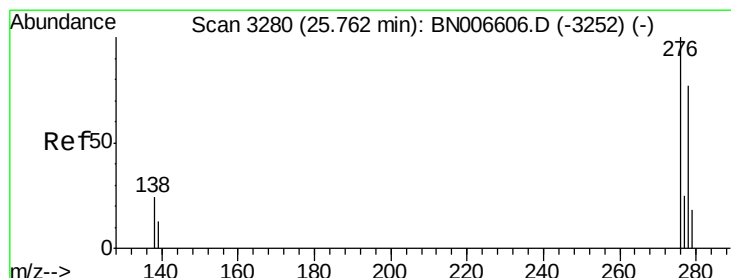
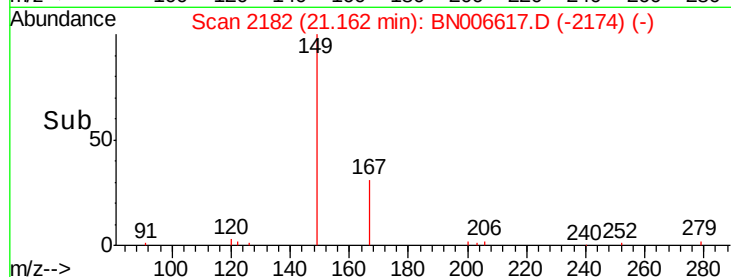
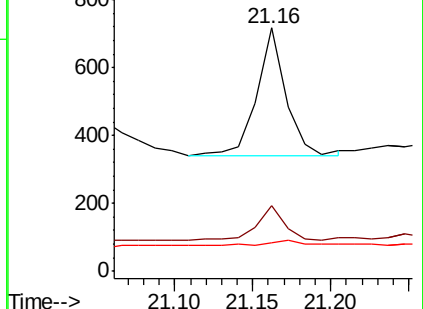
279 6.6 3.3 4.9#



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: 0.001 ng

RT: 25.77 min Scan# 3282

Delta R.T. 0.01 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

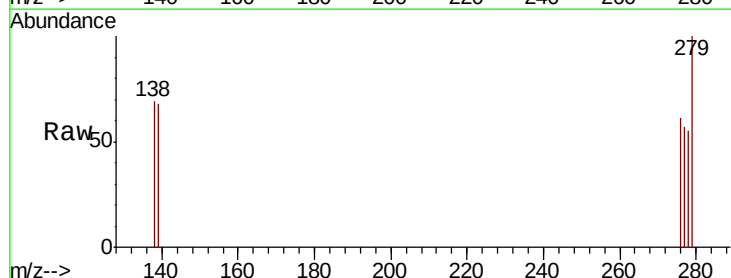
Tgt Ion:276 Resp: 84

Ion Ratio Lower Upper

276 100

138 7.1 19.3 28.9#

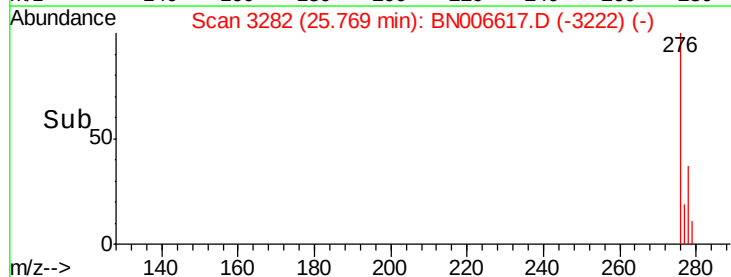
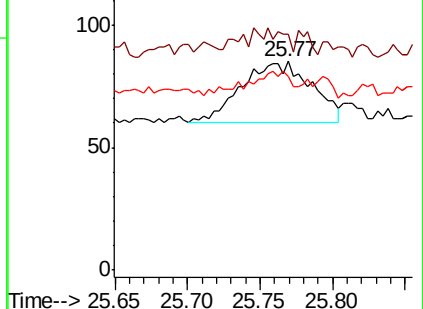
277 3.6 19.9 29.9#

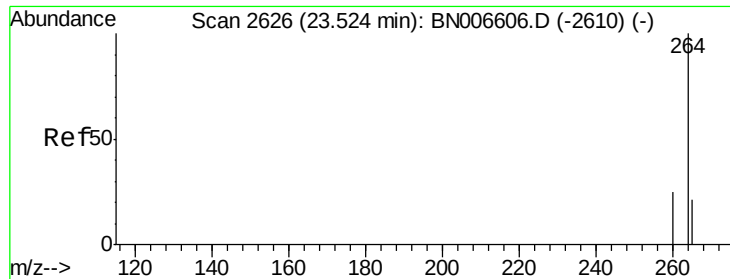


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

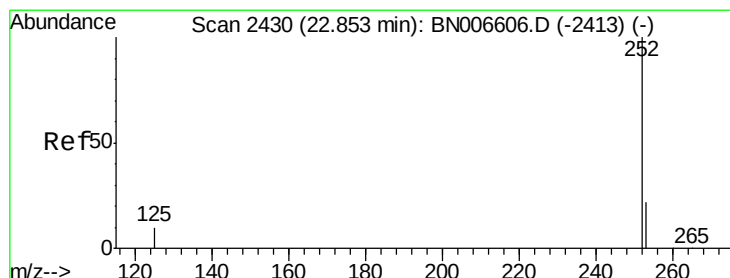
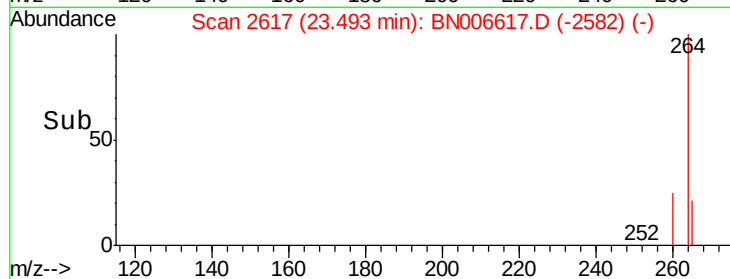
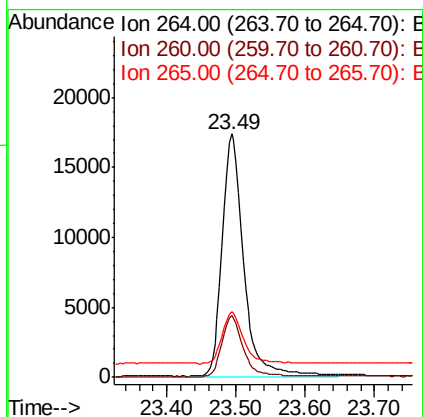
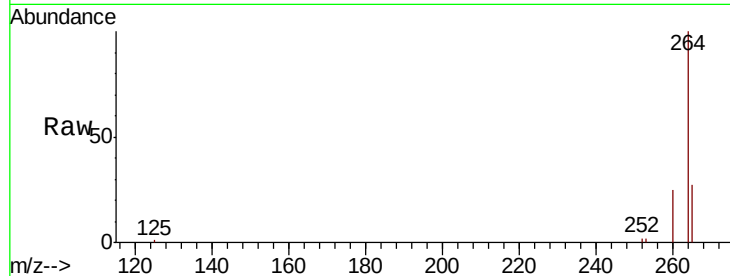




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2617
 Delta R.T. -0.03 min
 Lab File: BN006617.D
 Acq: 28 Jun 2019 17:34

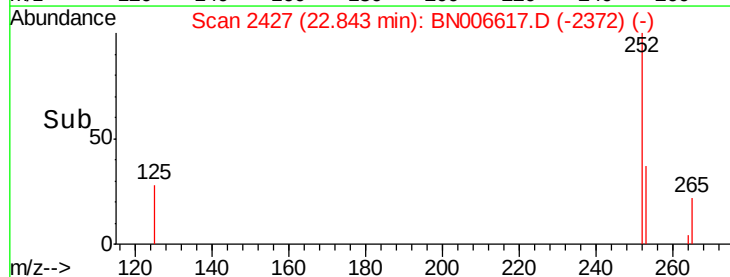
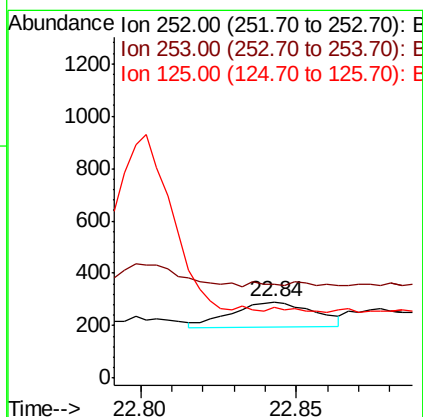
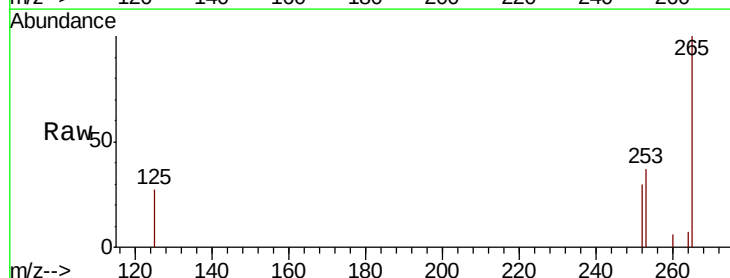
Instrument :
 BNA_N
 ClientSampleId :
 PB120315BL

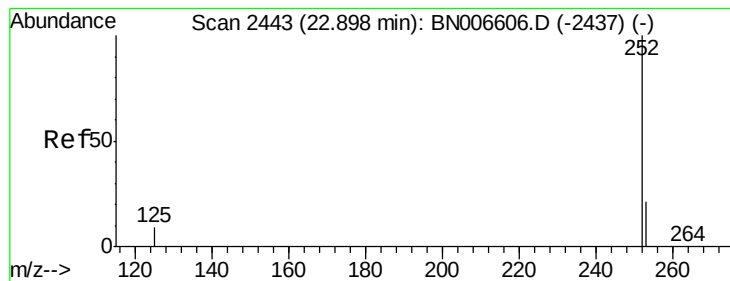
Tgt Ion: 264 Resp: 37565
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 27.0 23.3 34.9



#35
Benzo(b)fluoranthene
 Concen: 0.001 ng
 RT: 22.84 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BN006617.D
 Acq: 28 Jun 2019 17:34

Tgt Ion: 252 Resp: 182
 Ion Ratio Lower Upper
 252 100
 253 123.4 18.4 27.6#
 125 92.8 8.7 13.1#





#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 22.88 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Instrument :

BNA_N

ClientSampleId :

PB120315BL

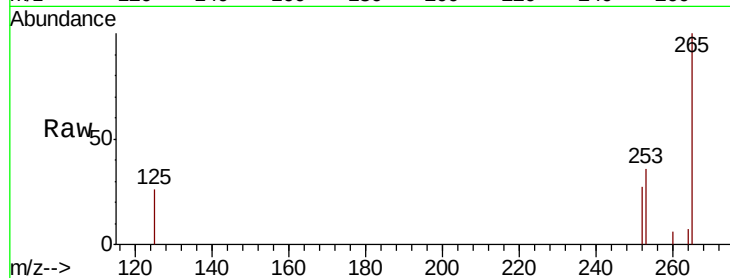
Tgt Ion:252 Resp: 132

Ion Ratio Lower Upper

252 100

253 133.8 18.3 27.5#

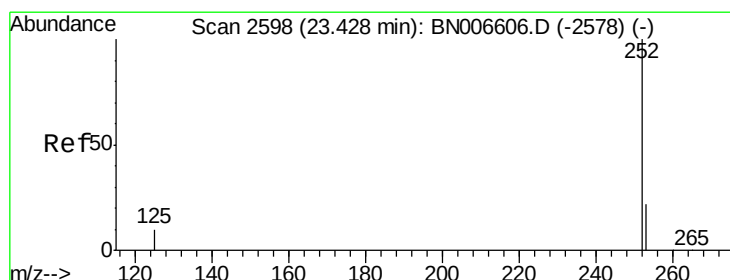
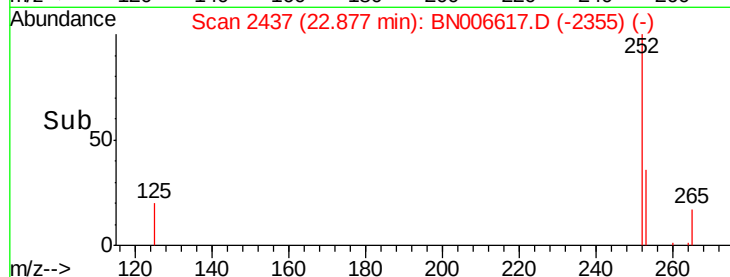
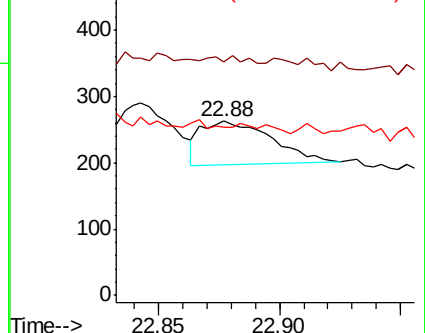
125 96.6 8.4 12.6#



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: 0.000 ng

RT: 23.40 min Scan# 2591

Delta R.T. -0.02 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

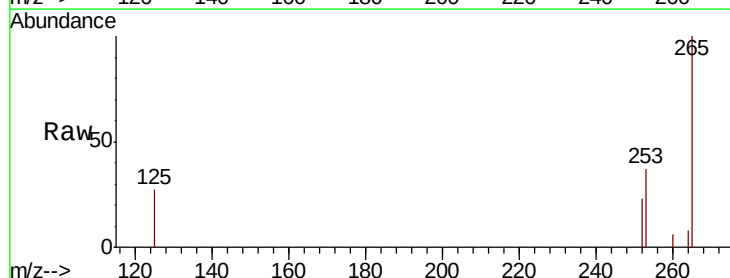
Tgt Ion:252 Resp: 50

Ion Ratio Lower Upper

252 100

253 161.9 18.8 28.2#

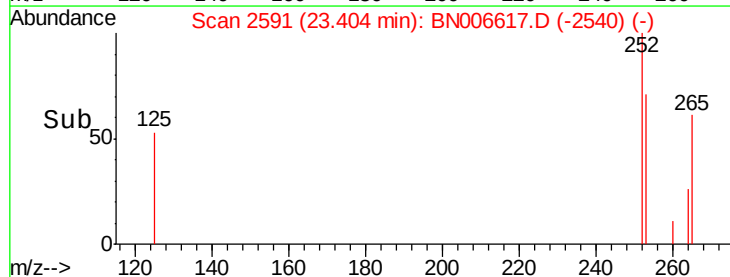
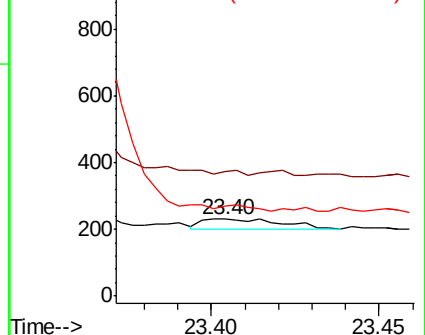
125 117.3 9.4 14.2#

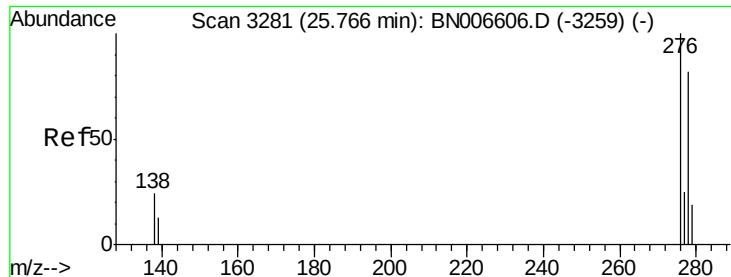


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.04 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

Instrument :

BNA_N

ClientSampleId :

PB120315BL

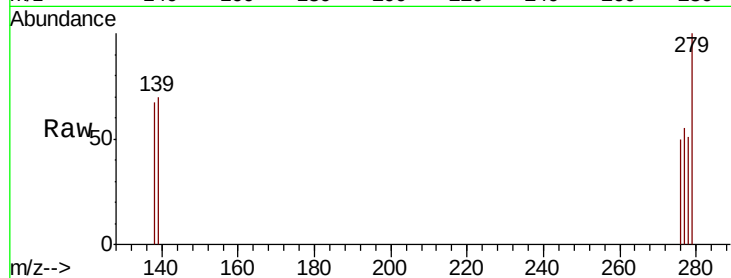
Tgt Ion: 278 Resp: 8

Ion Ratio Lower Upper

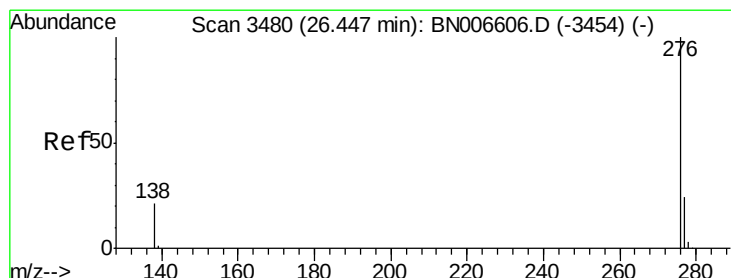
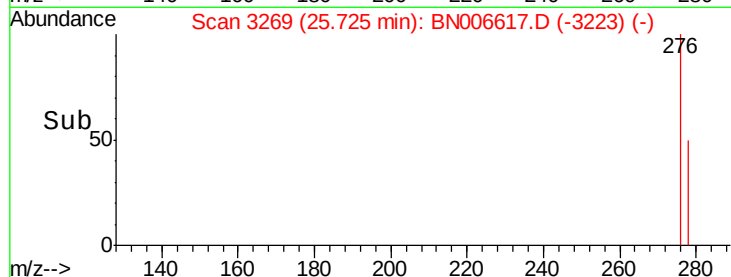
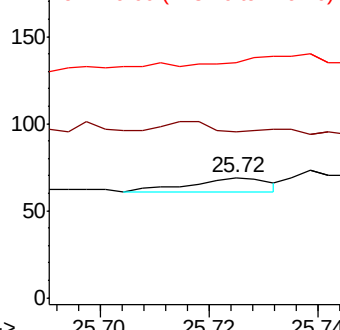
278 100

139 137.7 13.5 20.3#

279 195.7 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(g,h,i)perylene

Concen: 0.000 ng

RT: 26.43 min Scan# 3475

Delta R.T. -0.02 min

Lab File: BN006617.D

Acq: 28 Jun 2019 17:34

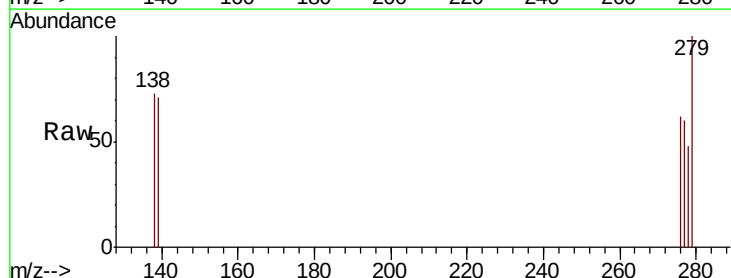
Tgt Ion: 276 Resp: 32

Ion Ratio Lower Upper

276 100

277 96.3 19.6 29.4#

138 117.3 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

