

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006629.D
 Acq On : 29 Jun 2019 00:29
 Operator : HP/JU
 Sample : K3473-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-2

Quant Time: Jun 29 01:14:07 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	4089	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	17967	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	12107	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	27540	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	27154	0.40	ng	-0.02
34) Perylene-d12	23.48	264	26996	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1772	0.18	ng	0.00
5) Phenol-d6	6.83	99	1470	0.11	ng	0.00
8) Nitrobenzene-d5	8.79	82	4566	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	10705	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	2434	0.43	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	19668	0.44	ng	-0.01
25) Fluoranthene-d10	19.07	212	31321	0.39	ng	0.00
29) Terphenyl-d14	19.68	244	29118	0.51	ng	0.00

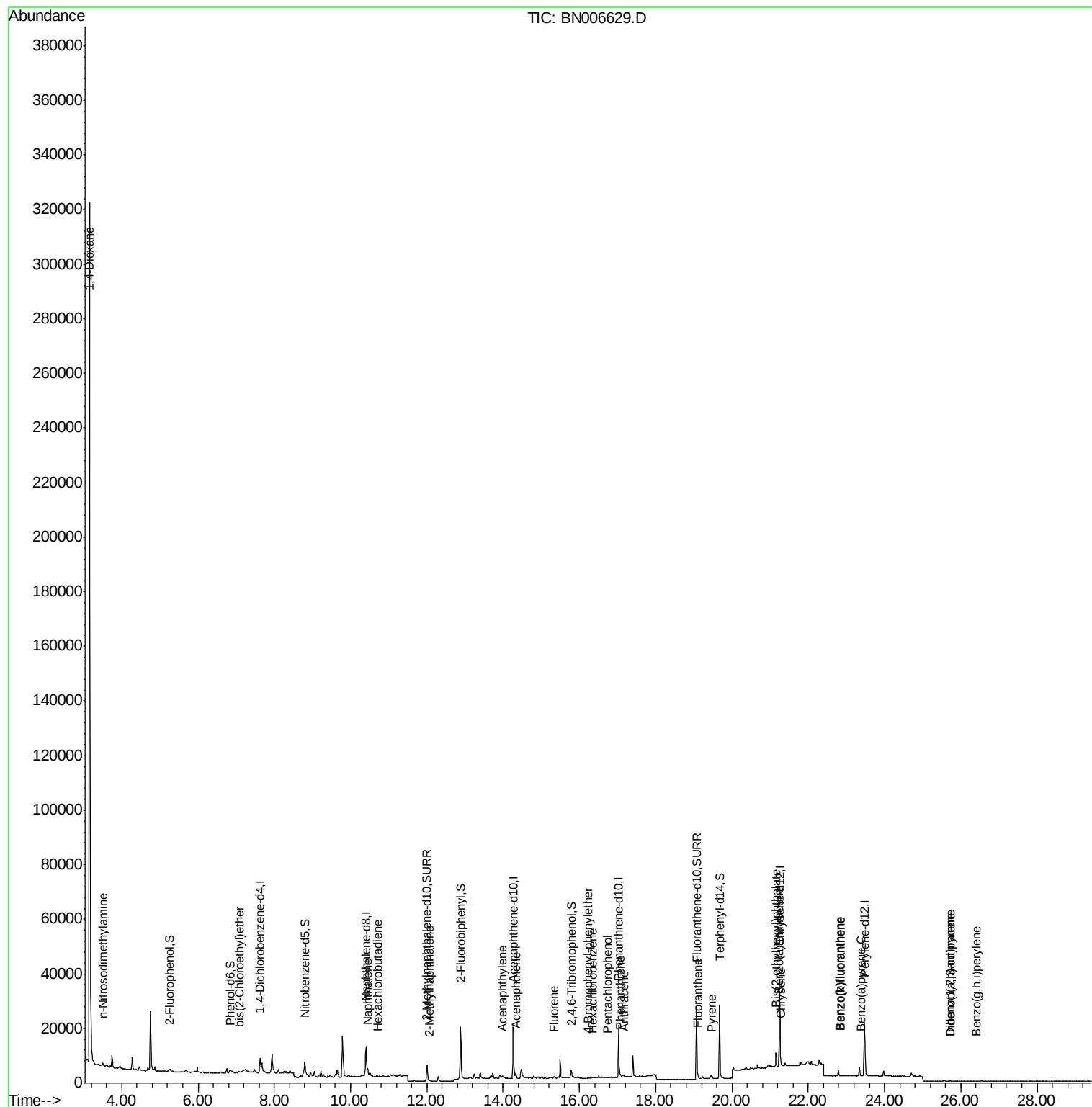
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	203673	35.994	ng	99
3) n-Nitrosodimethylamine	3.50	42	54	0.012	ng	# 53
6) bis(2-Chloroethyl)ether	7.10	93	29	0.002	ng	# 1
9) Naphthalene	10.45	128	1680	0.036	ng	# 56
10) Hexachlorobutadiene	10.72	225	11	0.001	ng	# 76
12) 2-Methylnaphthalene	12.08	142	149	0.005	ng	# 49
16) Acenaphthylene	13.99	152	270	0.005	ng	# 1
17) Acenaphthene	14.33	154	799	0.021	ng	96
18) Fluorene	15.34	166	439	0.009	ng	# 93
20) 4-Bromophenyl-phenylether	16.22	248	27	0.002	ng	# 1
21) Hexachlorobenzene	16.35	284	26	0.001	ng	# 39
22) Pentachlorophenol	16.73	266	34	0.200	ng	# 74
23) Phenanthrene	17.07	178	670	0.009	ng	# 71
24) Anthracene	17.16	178	349	0.005	ng	# 76
26) Fluoranthene	19.11	202	662	0.007	ng	# 76
28) Pyrene	19.47	202	696	0.007	ng	# 91
30) Benzo(a)anthracene	21.24	228	342	0.004	ng	# 1
31) Chrysene	21.29	228	282	0.003	ng	# 15
32) Bis(2-ethylhexyl)phthalate	21.15	149	4667	0.104	ng	99
33) Indeno(1,2,3-cd)pyrene	25.72	276	143	0.001	ng	# 54
35) Benzo(b)fluoranthene	22.82	252	240	0.003	ng	# 1
36) Benzo(k)fluoranthene	22.86	252	178	0.002	ng	# 1
37) Benzo(a)pyrene	23.38	252	116	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.72	278	87	0.001	ng	# 1
39) Benzo(g,h,i)perylene	26.40	276	125	0.002	ng	# 1

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

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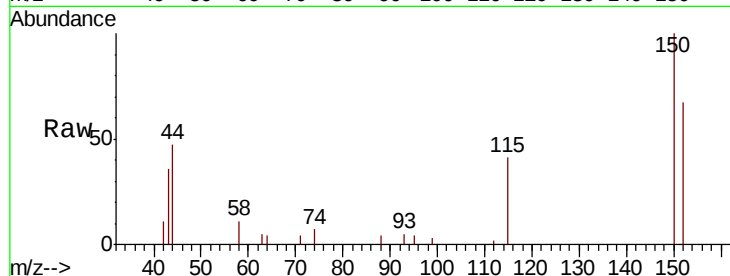


#1

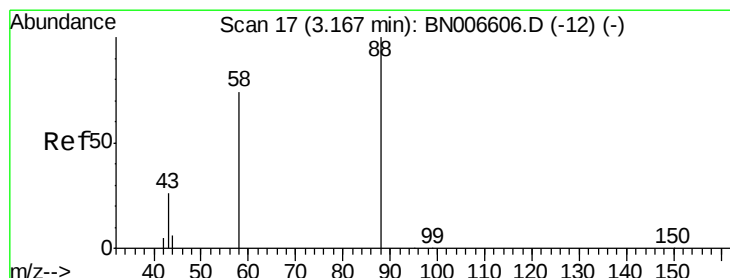
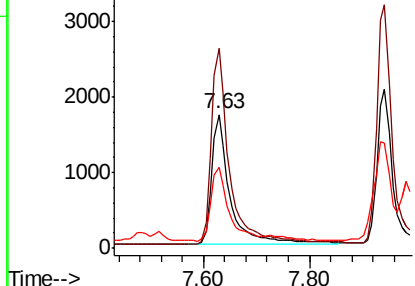
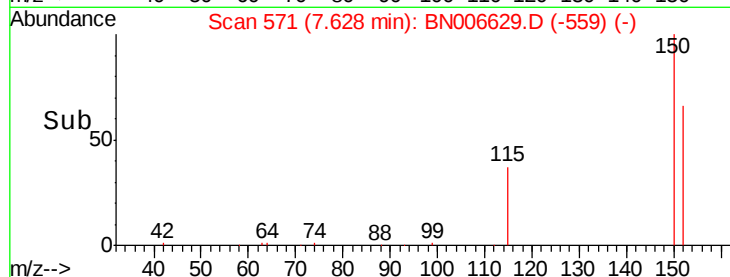
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion: 152 Resp: 4089
Ion Ratio Lower Upper
152 100
150 149.8 122.2 183.2
115 60.9 50.0 75.0



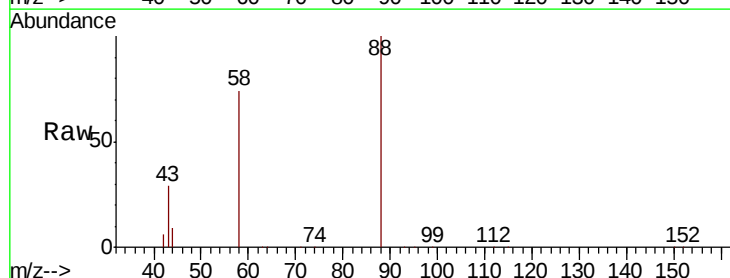
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



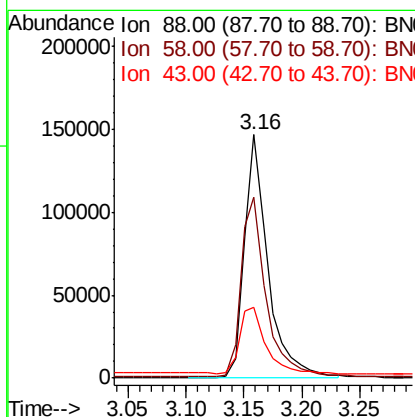
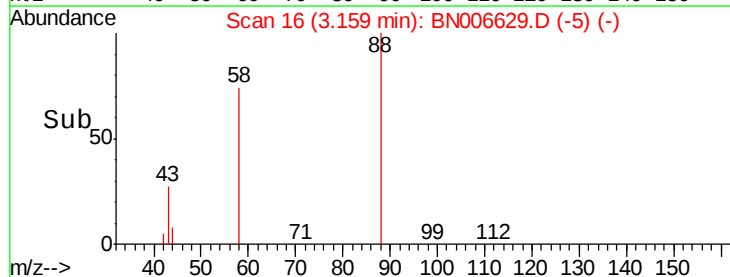
#2

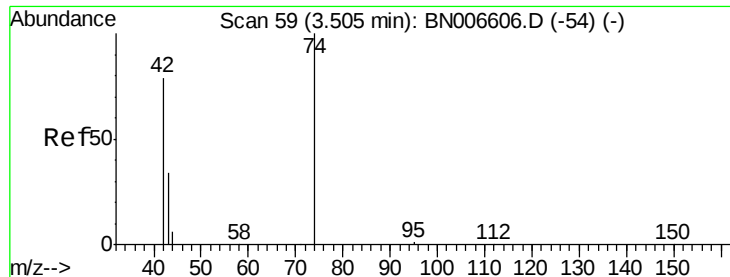
1,4-Dioxane
Concen: 35.994 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion: 88 Resp: 203673
Ion Ratio Lower Upper
88 100
58 78.8 62.5 93.7
43 29.9 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: 0.012 ng

RT: 3.50 min Scan# 59

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

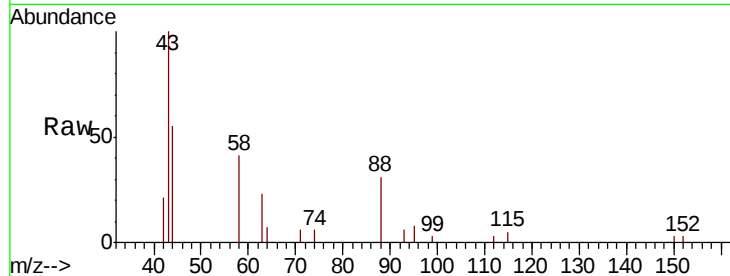
Tgt Ion: 42 Resp: 54

Ion Ratio Lower Upper

42 100

74 157.4 103.1 154.7#

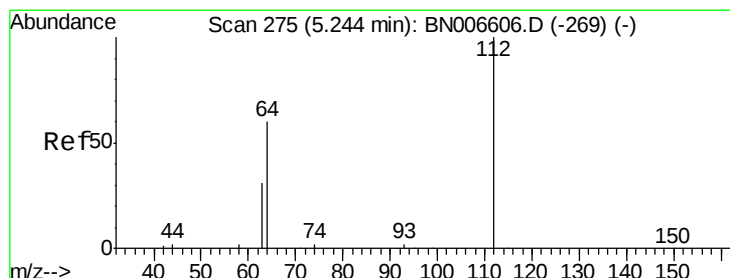
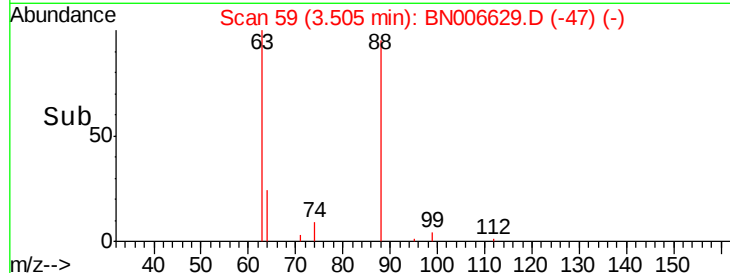
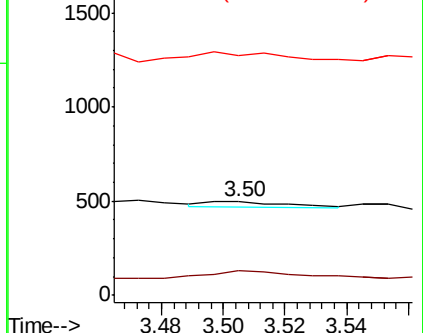
44 237.0 3.4 5.2#



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: 0.177 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

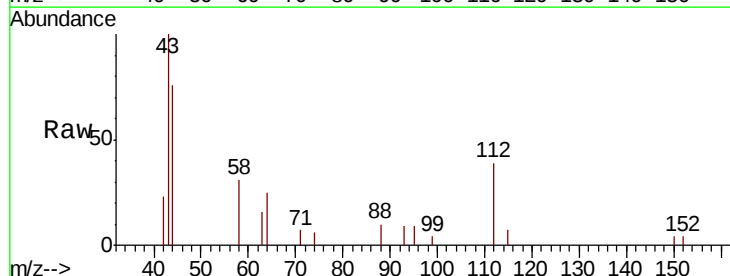
Tgt Ion: 112 Resp: 1772

Ion Ratio Lower Upper

112 100

64 61.0 48.9 73.3

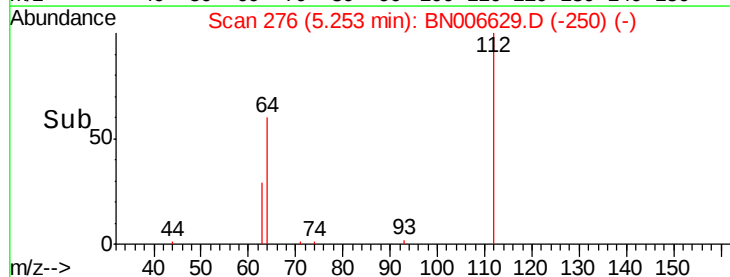
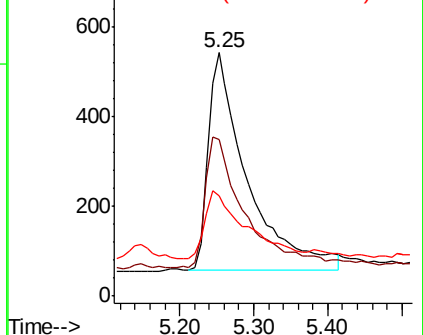
63 32.5 24.3 36.5

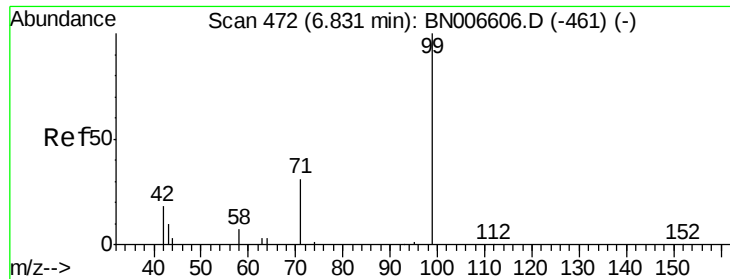


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.111 ng

RT: 6.83 min Scan# 472

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

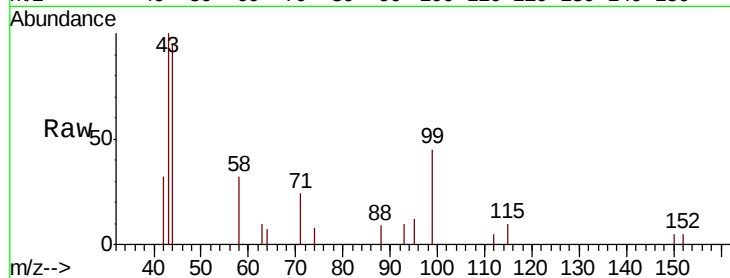
Tgt Ion: 99 Resp: 1470

Ion Ratio Lower Upper

99 100

42 24.4 16.4 24.6

71 34.2 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006629.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006629.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006629.D (-460) (-)

6.83

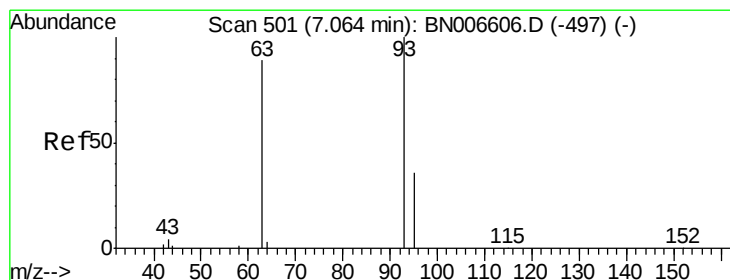
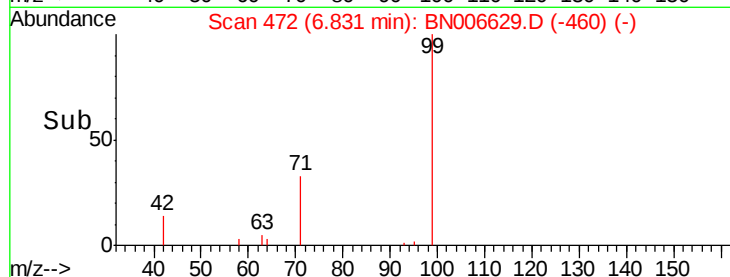
400

200

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 7.10 min Scan# 505

Delta R.T. 0.03 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

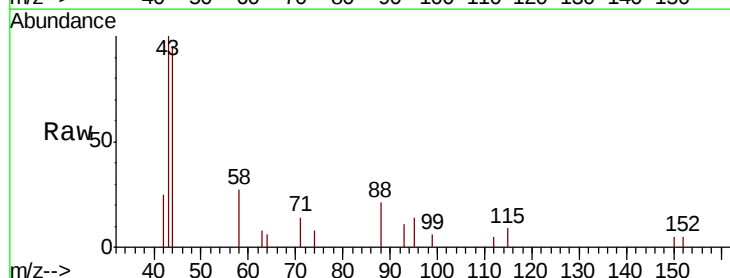
Tgt Ion: 93 Resp: 29

Ion Ratio Lower Upper

93 100

63 44.8 52.5 78.7#

95 403.4 24.2 36.4#



Abundance Ion 93.00 (92.70 to 93.70): BN006629.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006629.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006629.D (-476) (-)

7.10

200

150

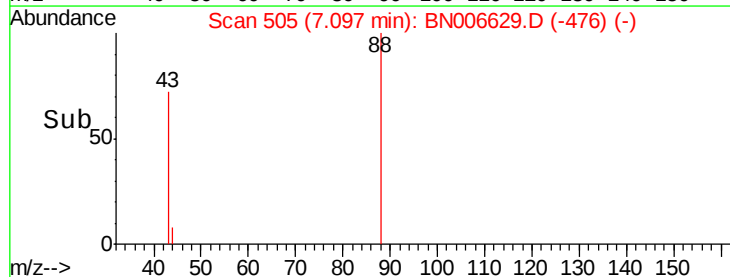
100

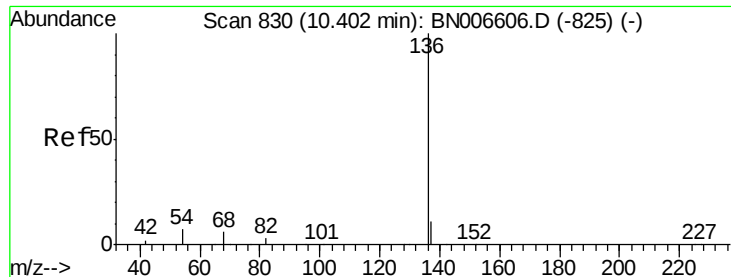
50

0

7.05 7.10 7.15

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

Tgt Ion:136 Resp: 17967

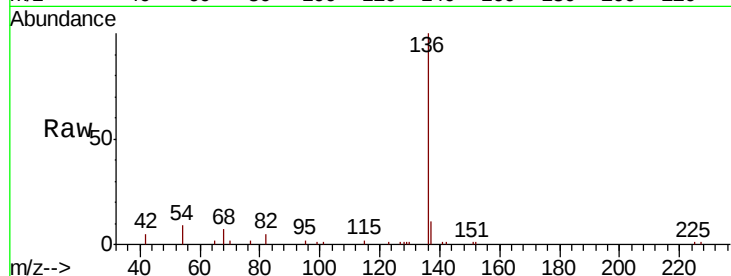
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 8.8 6.7 10.1

68 7.3 5.3 7.9

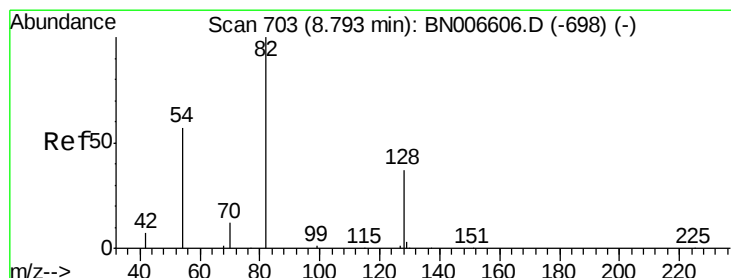
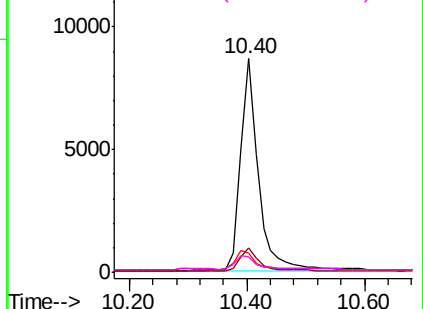
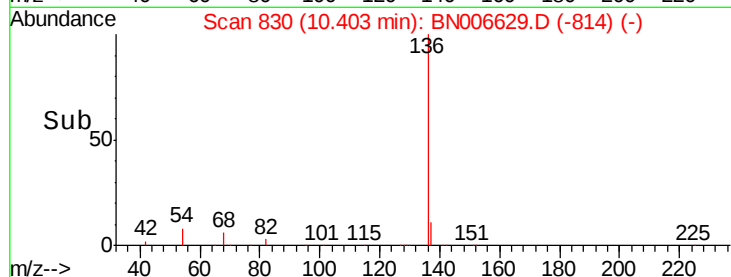


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

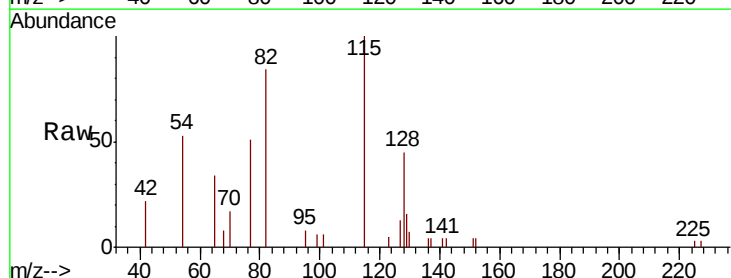
Tgt Ion: 82 Resp: 4566

Ion Ratio Lower Upper

82 100

128 53.1 32.6 49.0#

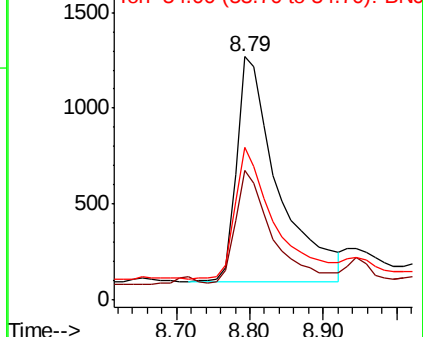
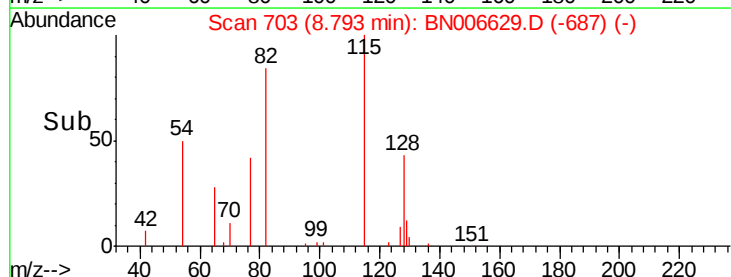
54 62.9 48.2 72.4

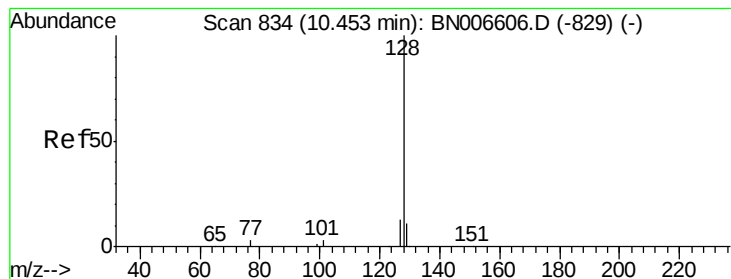


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.036 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

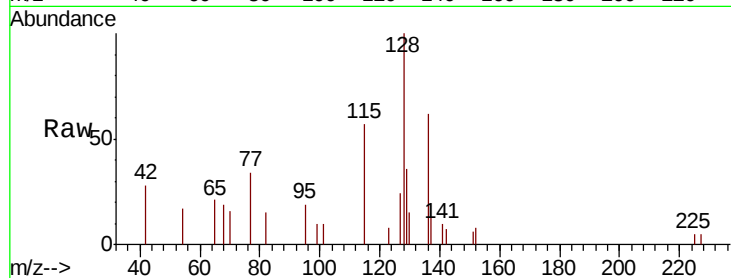
Tgt Ion:128 Resp: 1680

Ion Ratio Lower Upper

128 100

129 36.2 9.3 13.9#

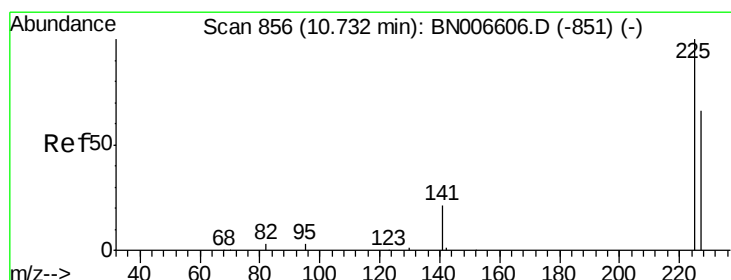
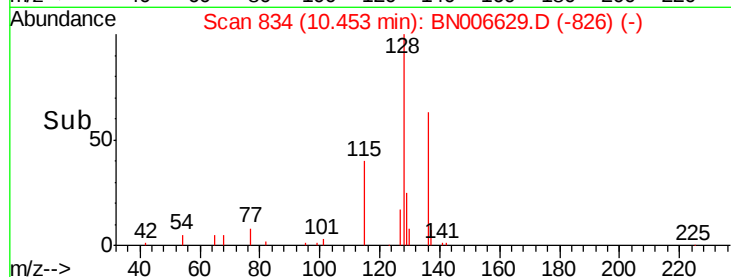
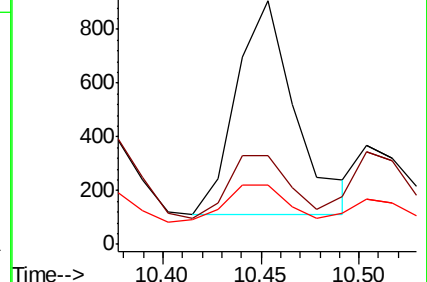
127 24.2 10.8 16.2#



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: 0.001 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.01 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

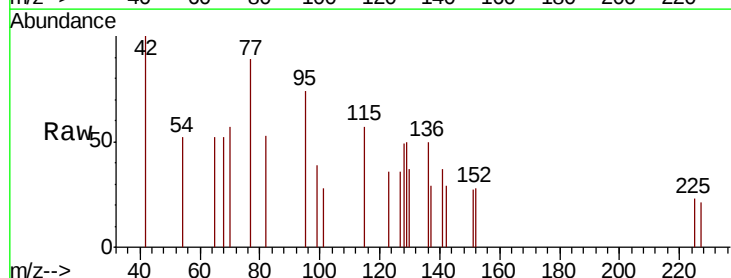
Tgt Ion:225 Resp: 11

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

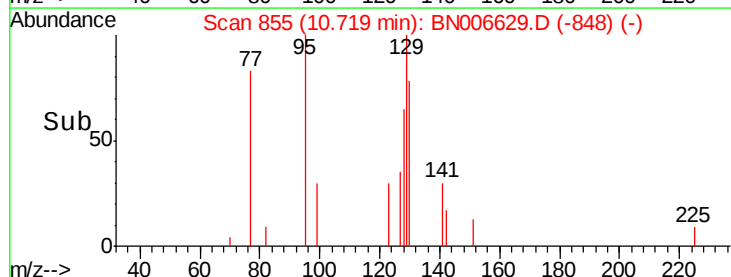
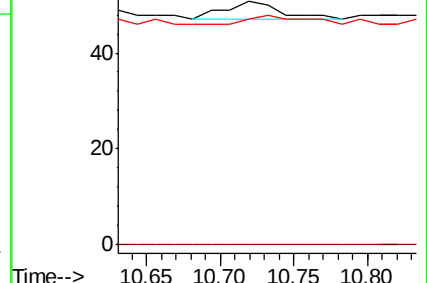
227 45.5 51.4 77.2#

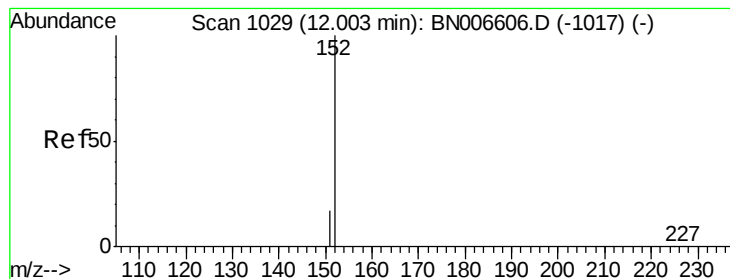


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

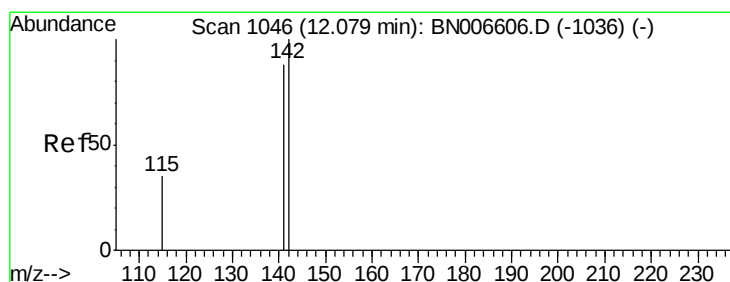
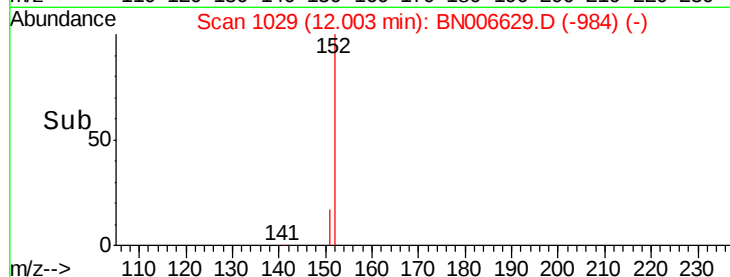
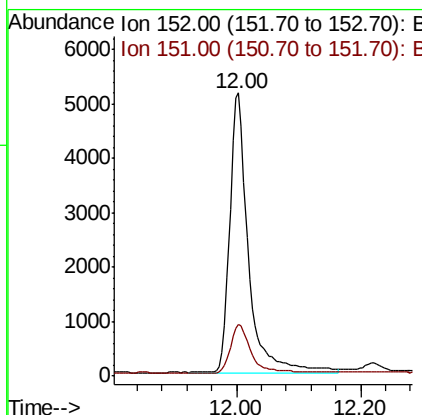
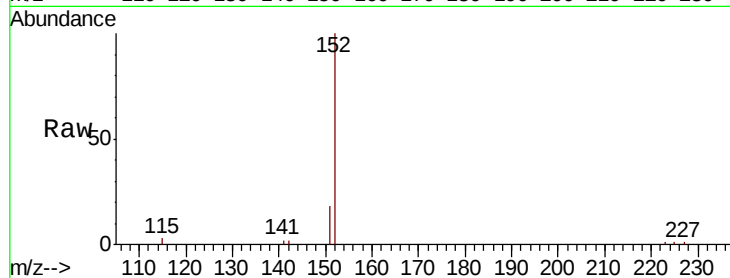




#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.00 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

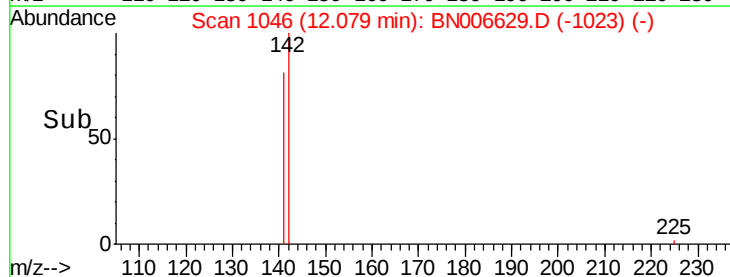
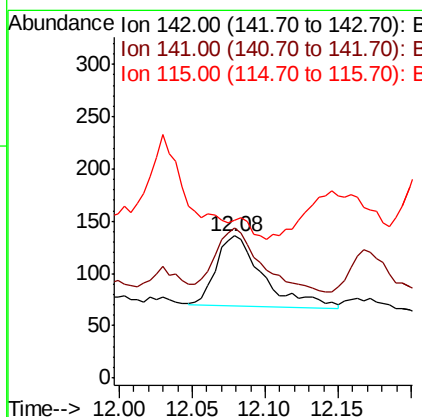
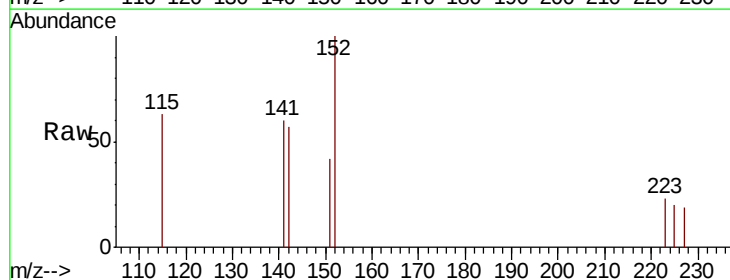
Instrument :
BNA_N
ClientSampleId :
MW-2

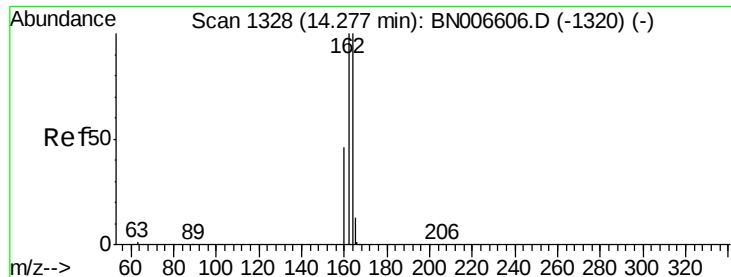
Tgt Ion:152 Resp: 10705
Ion Ratio Lower Upper
152 100
151 19.6 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.005 ng
RT: 12.08 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:142 Resp: 149
Ion Ratio Lower Upper
142 100
141 105.9 70.2 105.4#
115 111.0 28.5 42.7#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

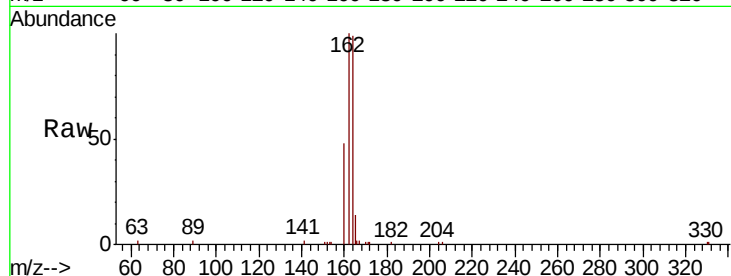
Tgt Ion:164 Resp: 12107

Ion Ratio Lower Upper

164 100

162 100.8 80.0 120.0

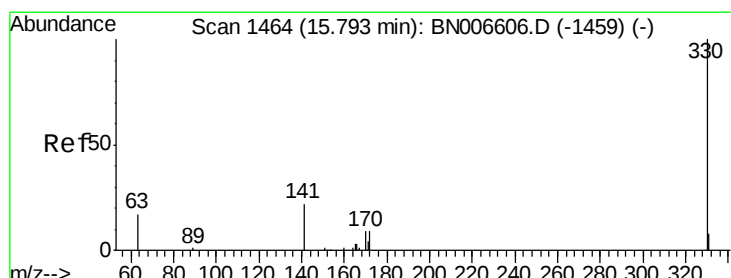
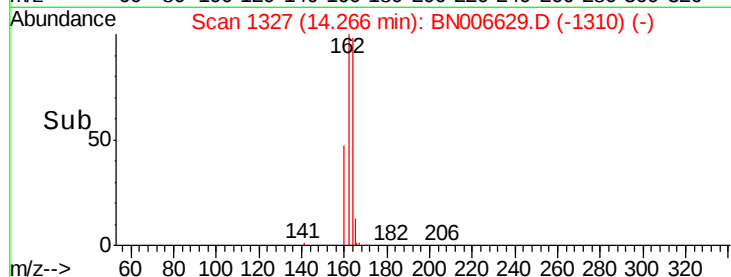
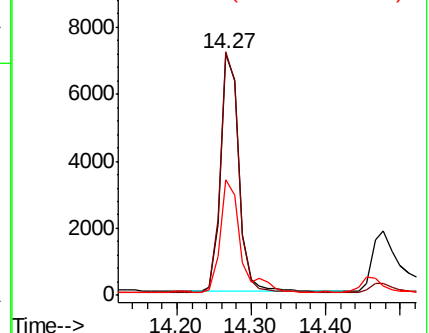
160 48.0 37.0 55.4



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: 0.427 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

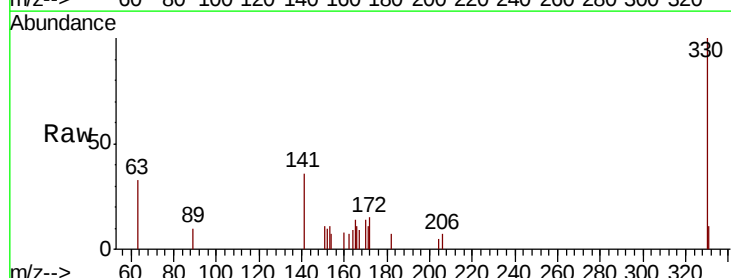
Tgt Ion:330 Resp: 2434

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

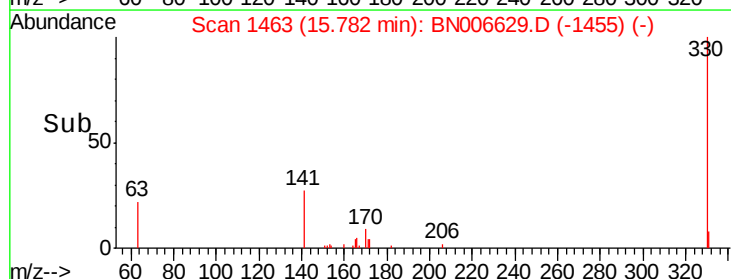
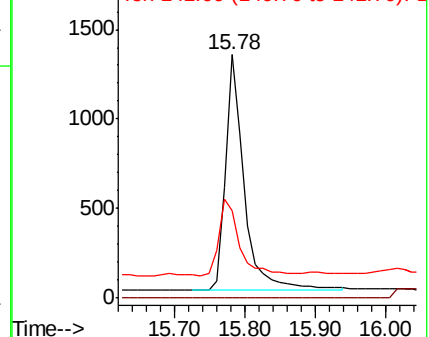
141 36.9 26.5 39.7



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

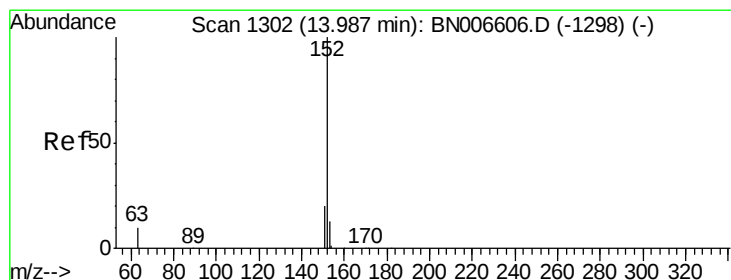
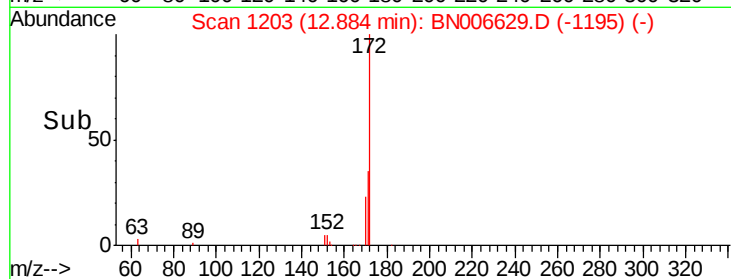
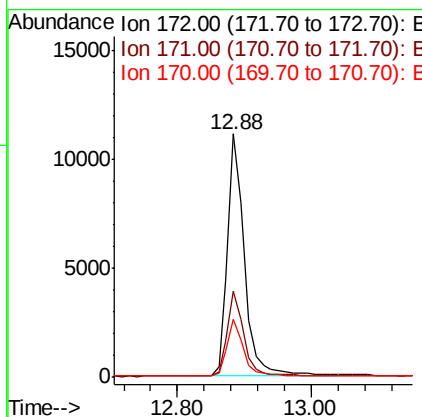
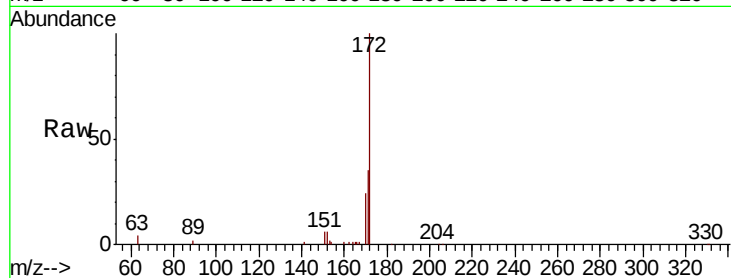




#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

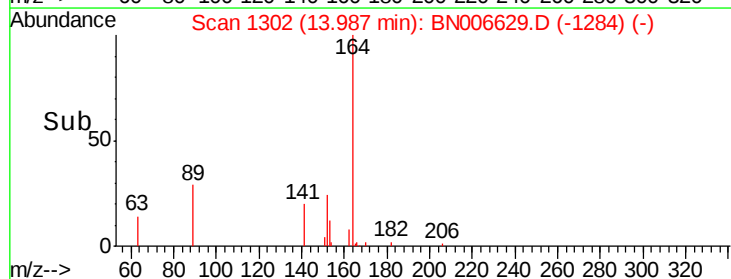
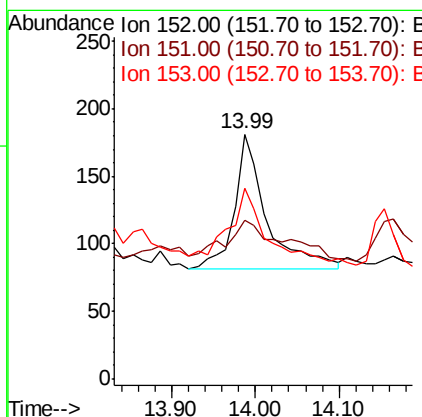
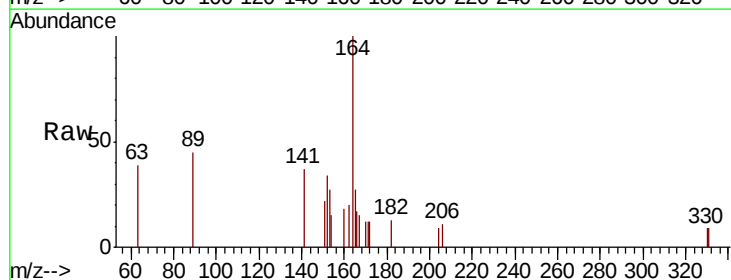
Instrument :
BNA_N
ClientSampleId :
MW-2

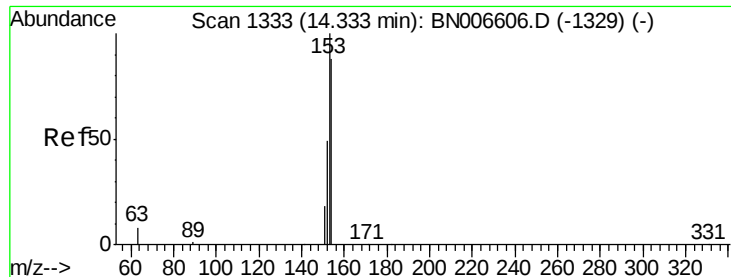
Tgt Ion:172 Resp: 19668
Ion Ratio Lower Upper
172 100
171 35.1 27.0 40.4
170 23.7 17.7 26.5



#16
Acenaphthylene
Concen: 0.005 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:152 Resp: 270
Ion Ratio Lower Upper
152 100
151 55.6 15.6 23.4#
153 71.9 10.5 15.7#





#17

Acenaphthene

Concen: 0.021 ng

RT: 14.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

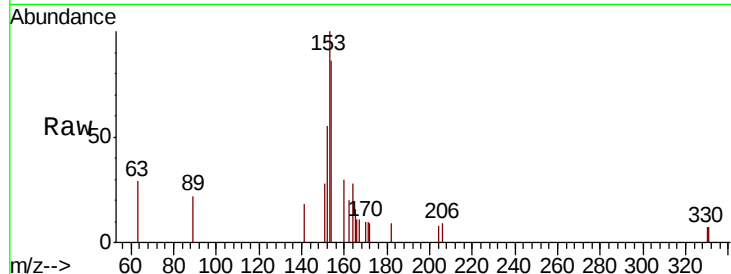
Tgt Ion:154 Resp: 799

Ion Ratio Lower Upper

154 100

153 119.1 90.2 135.4

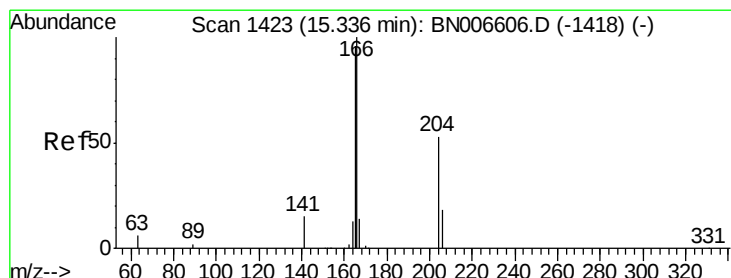
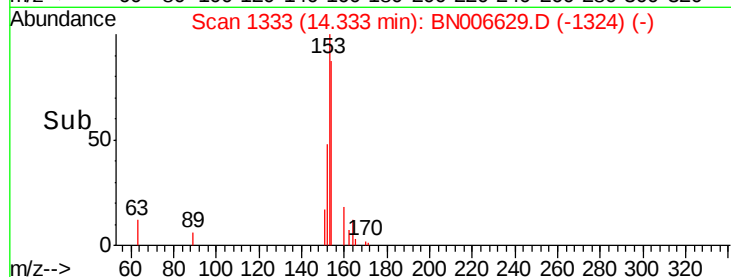
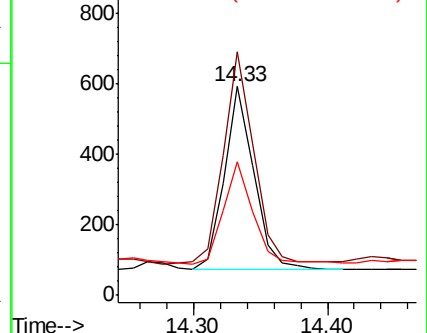
152 55.7 44.2 66.4



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: 0.009 ng

RT: 15.34 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

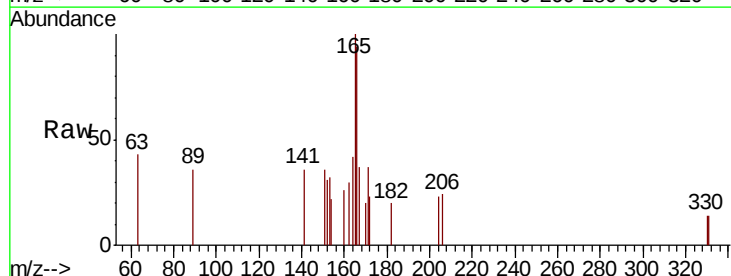
Tgt Ion:166 Resp: 439

Ion Ratio Lower Upper

166 100

165 100.9 78.4 117.6

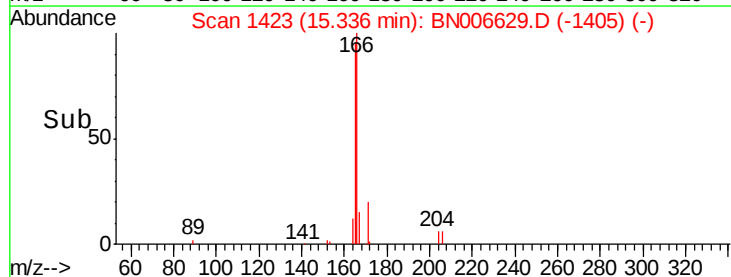
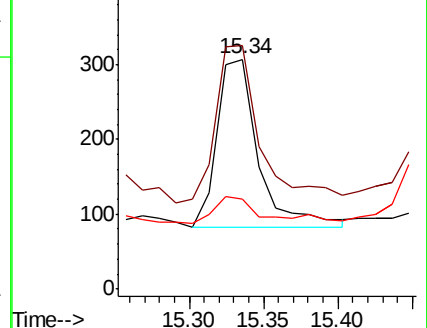
167 0.0 10.8 16.2#

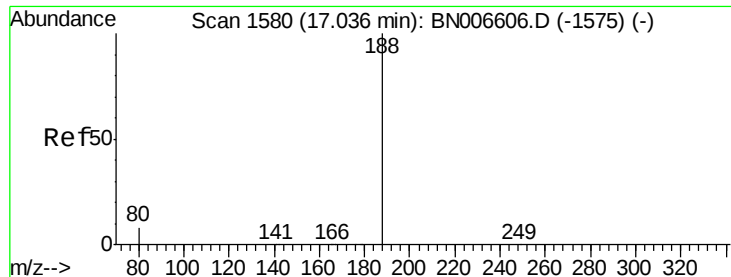


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

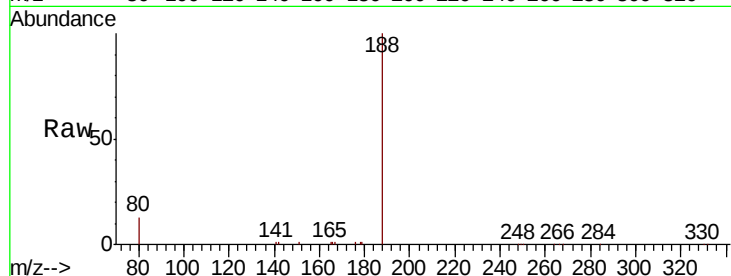
Tgt Ion:188 Resp: 27540

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

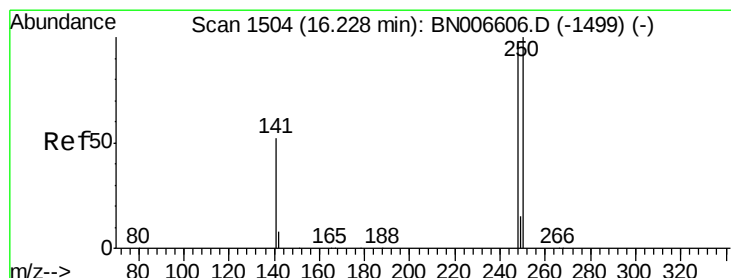
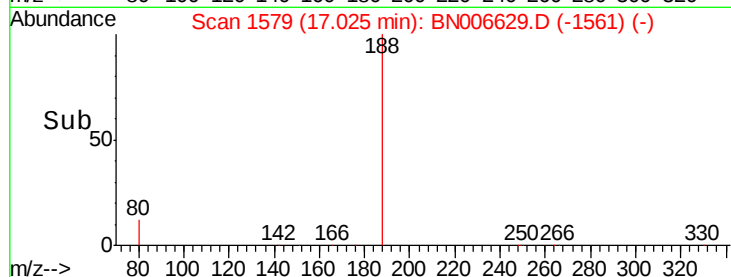
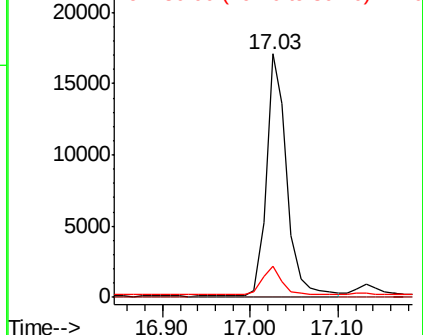
80 12.8 7.1 10.7#



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: 0.002 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

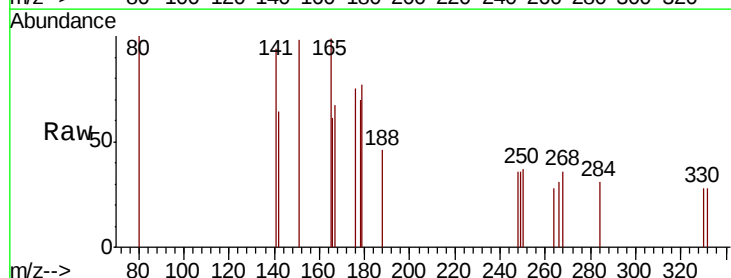
Tgt Ion:248 Resp: 27

Ion Ratio Lower Upper

248 100

250 103.4 82.2 123.4

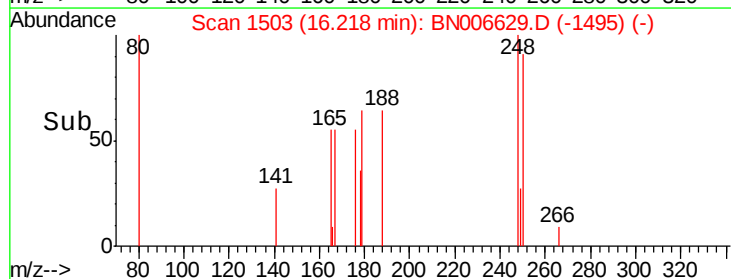
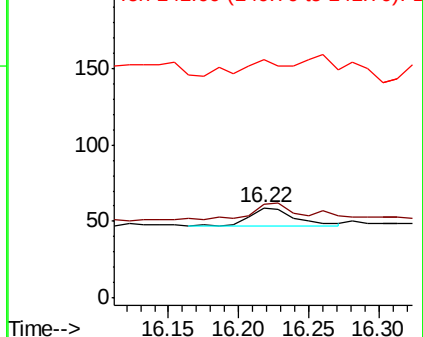
141 264.4 43.8 65.8#

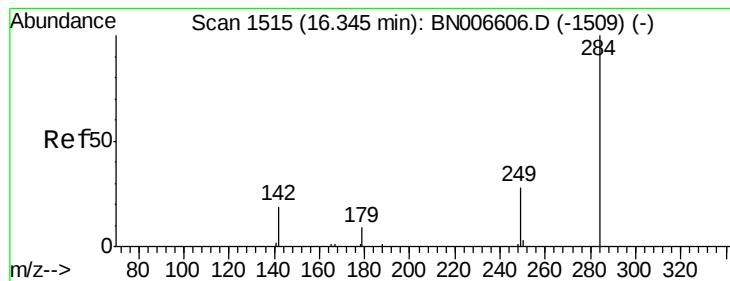


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.35 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

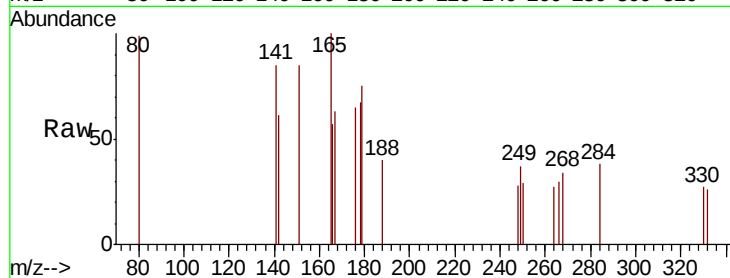
Tgt Ion:284 Resp: 26

Ion Ratio Lower Upper

284 100

142 0.0 27.5 41.3#

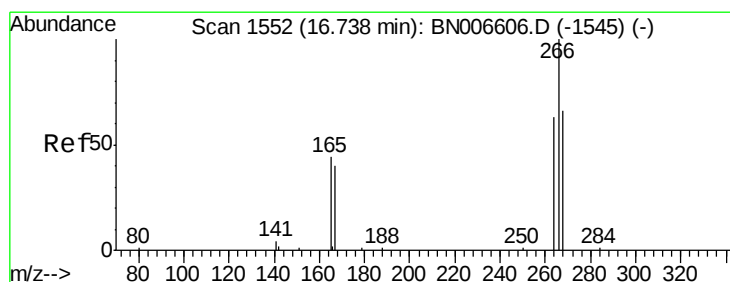
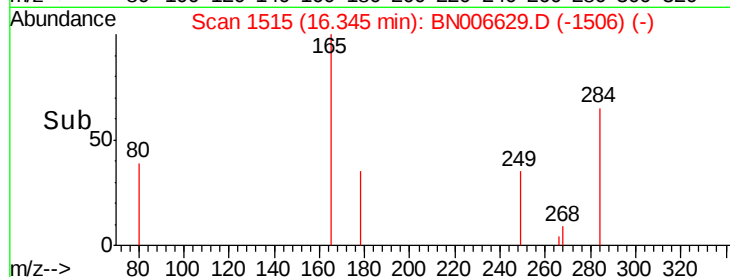
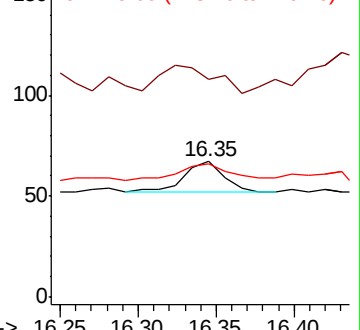
249 65.4 24.7 37.1#



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: 0.200 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

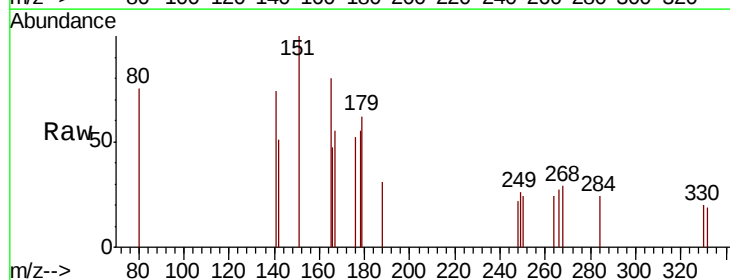
Tgt Ion:266 Resp: 34

Ion Ratio Lower Upper

266 100

264 87.3 56.2 84.4#

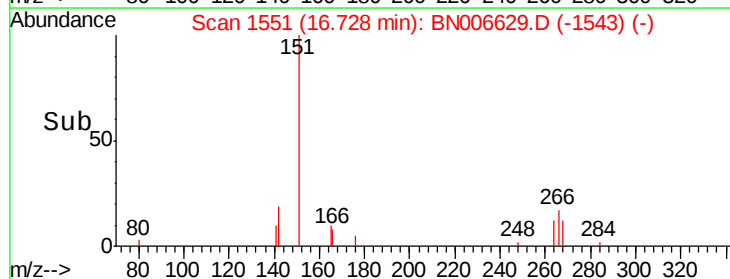
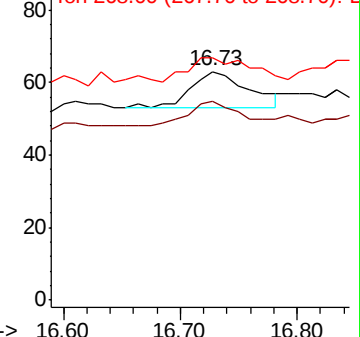
268 106.3 63.0 94.4#

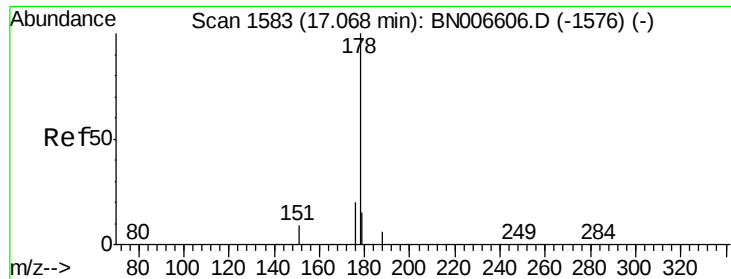


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.009 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

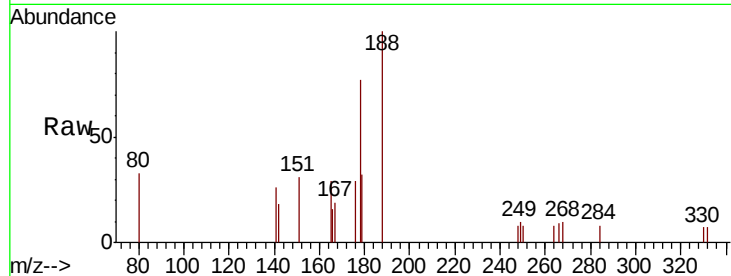
Tgt Ion:178 Resp: 670

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

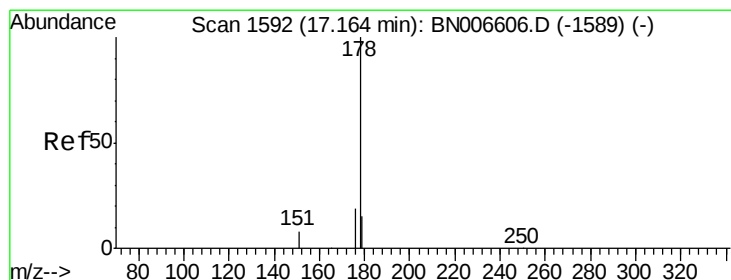
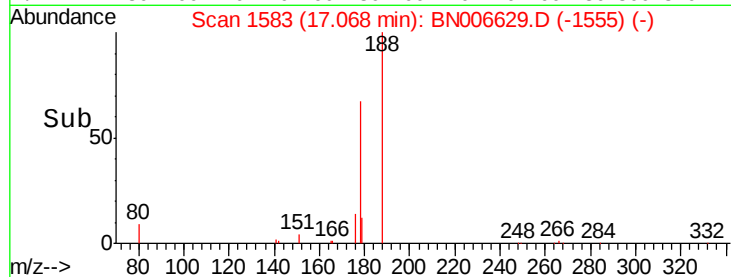
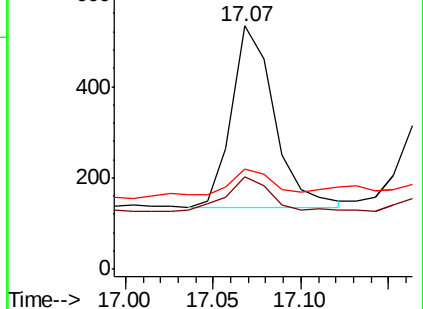
179 20.9 12.2 18.4#



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: 0.005 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

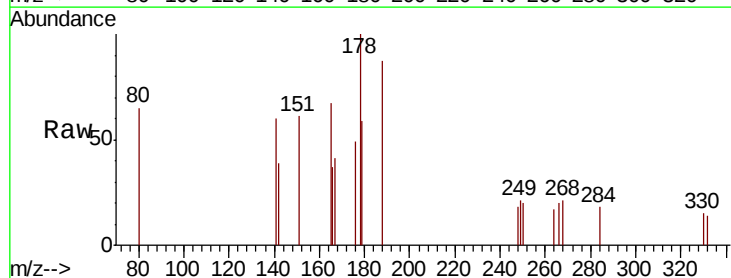
Tgt Ion:178 Resp: 349

Ion Ratio Lower Upper

178 100

176 33.0 15.0 22.4#

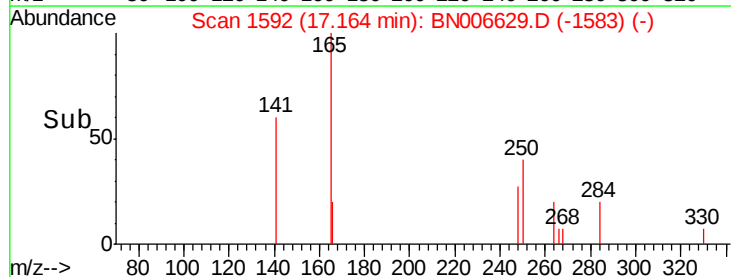
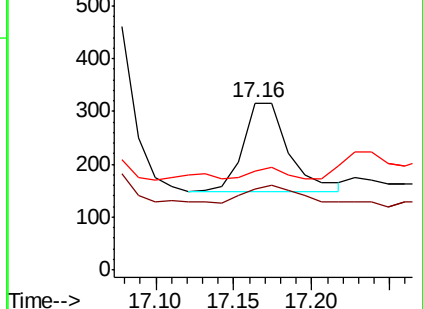
179 9.2 12.2 18.2#

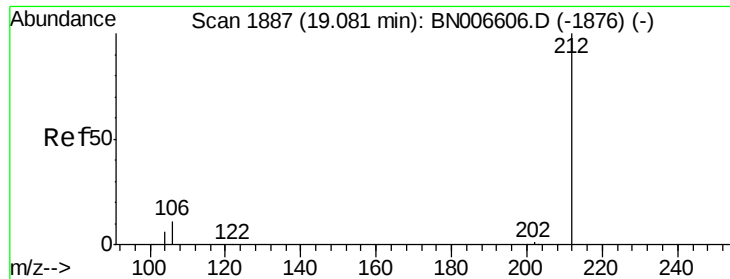


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

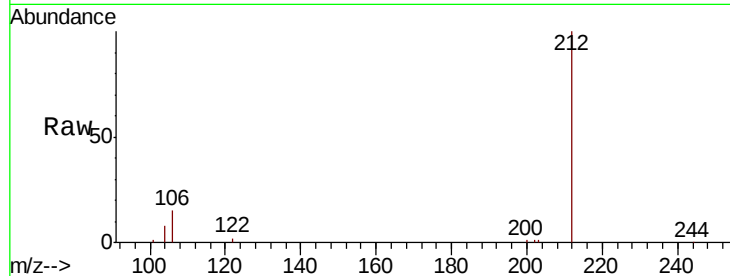
Tgt Ion:212 Resp: 31321

Ion Ratio Lower Upper

212 100

106 13.9 10.6 15.8

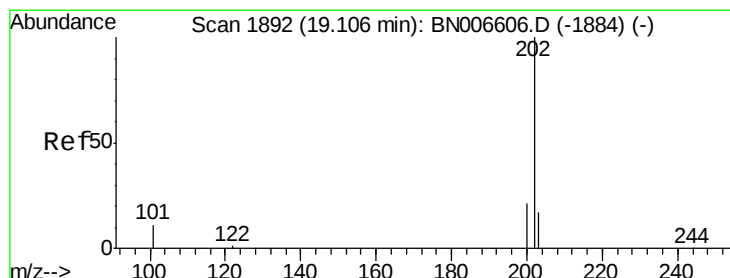
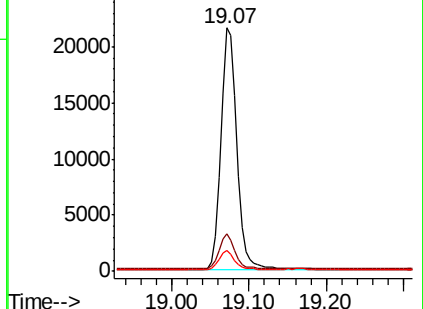
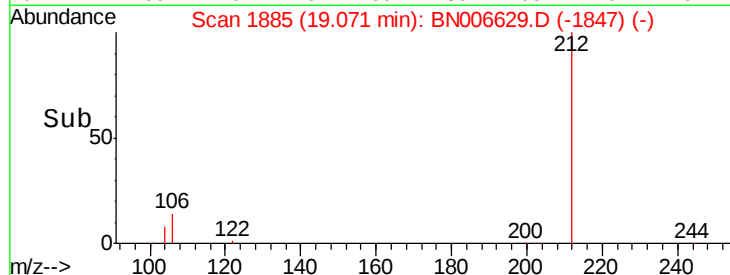
104 7.8 5.8 8.6



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: 0.007 ng

RT: 19.11 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

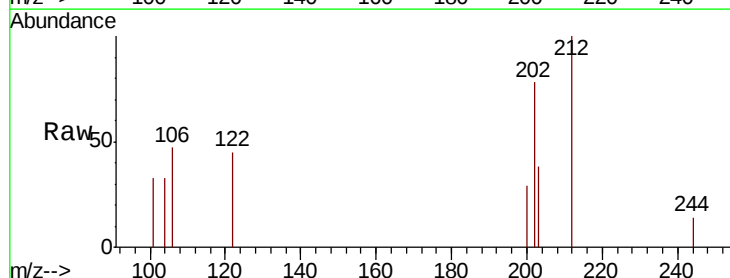
Tgt Ion:202 Resp: 662

Ion Ratio Lower Upper

202 100

101 20.2 8.9 13.3#

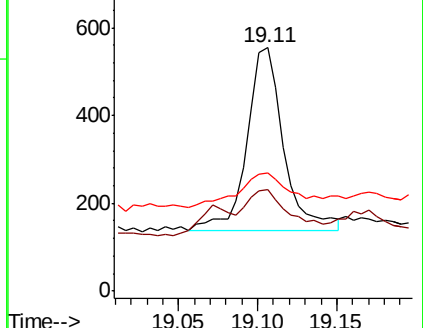
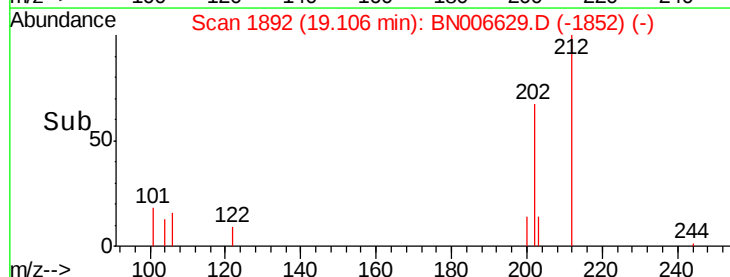
203 27.3 13.6 20.4#

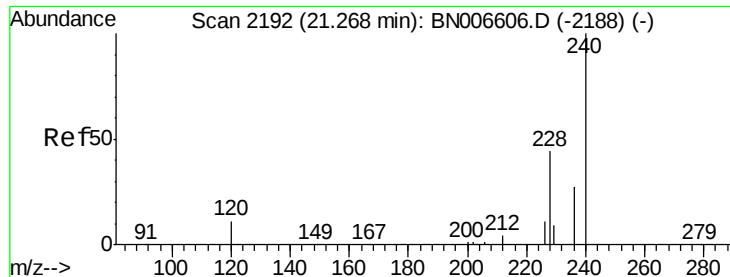


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

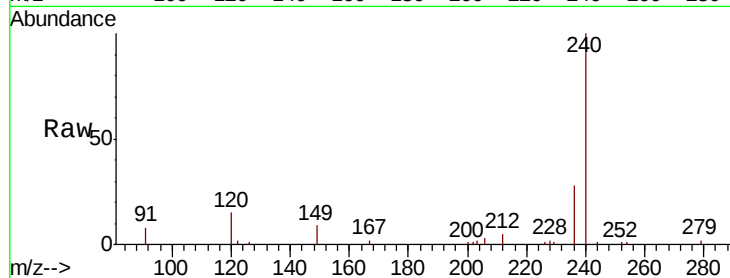
Tgt Ion:240 Resp: 27154

Ion Ratio Lower Upper

240 100

120 14.6 9.9 14.9

236 28.2 22.2 33.4

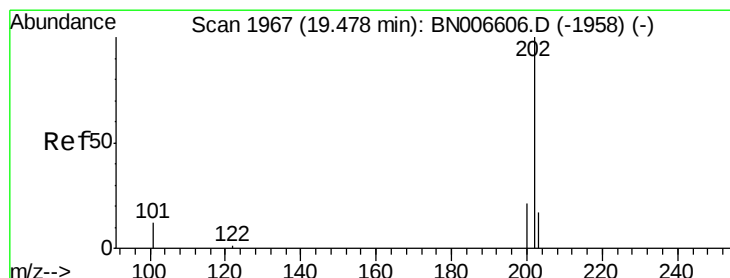
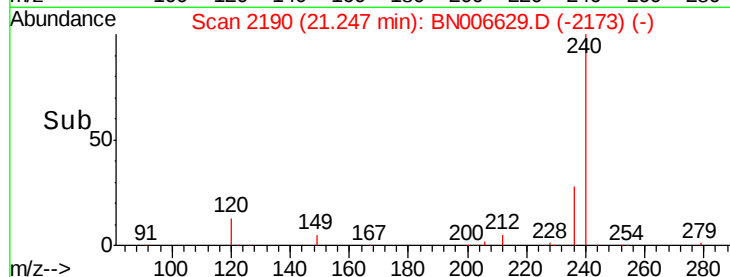
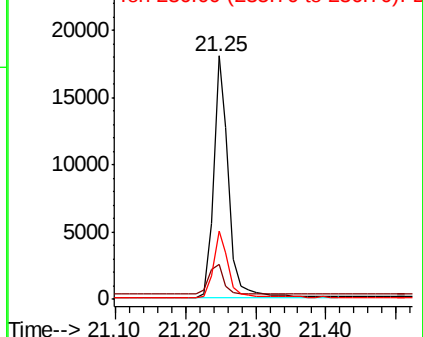


Abundance

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: 0.007 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

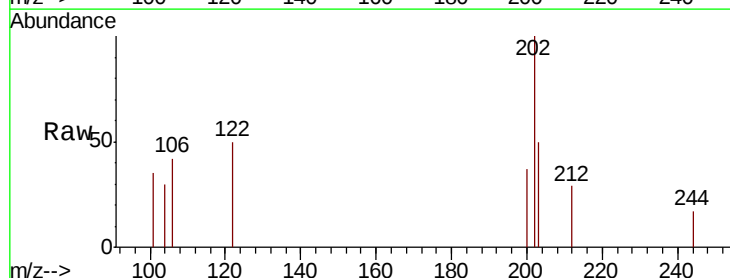
Tgt Ion:202 Resp: 696

Ion Ratio Lower Upper

202 100

200 25.3 16.7 25.1#

203 21.1 14.1 21.1#

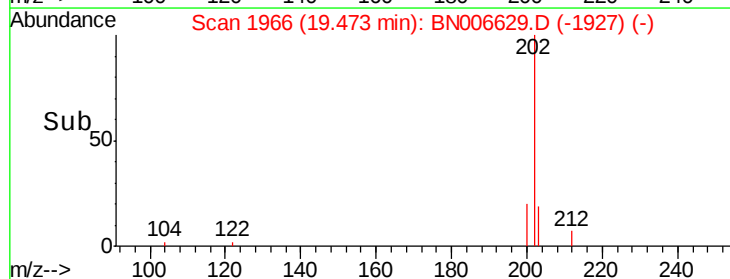
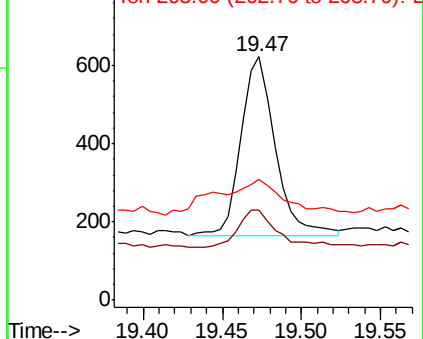


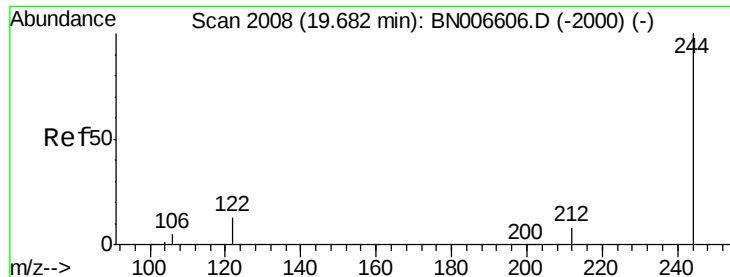
Abundance

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: 0.512 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampled :

MW-2

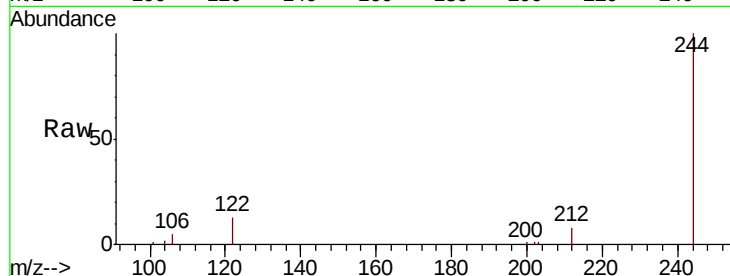
Tgt Ion:244 Resp: 29118

Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

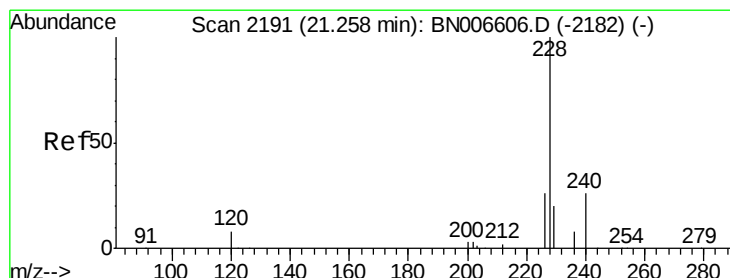
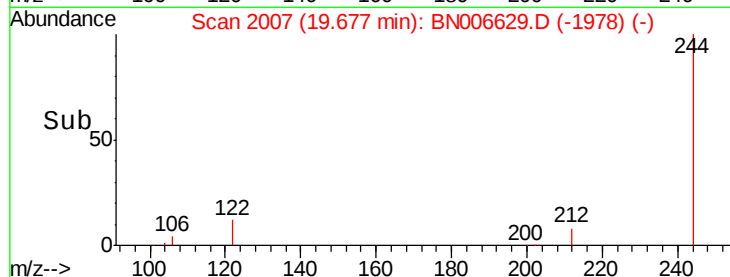
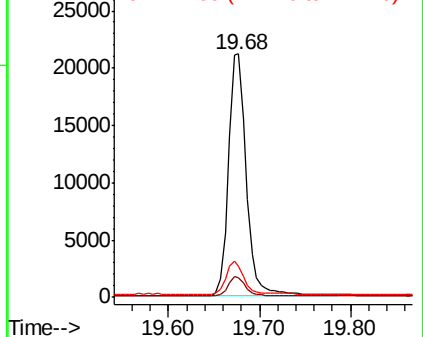
122 12.9 11.0 16.6



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: 0.004 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

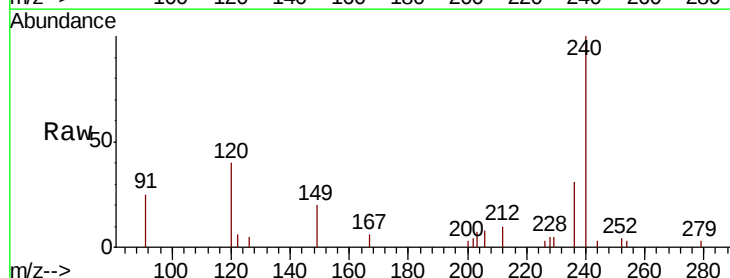
Tgt Ion:228 Resp: 342

Ion Ratio Lower Upper

228 100

226 63.7 21.2 31.8#

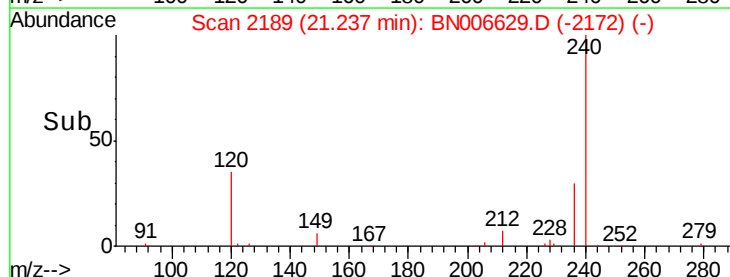
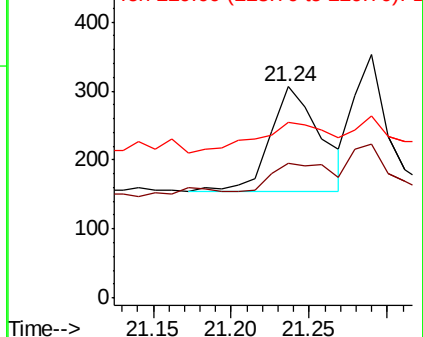
229 83.0 16.1 24.1#



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: 0.003 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampled :

MW-2

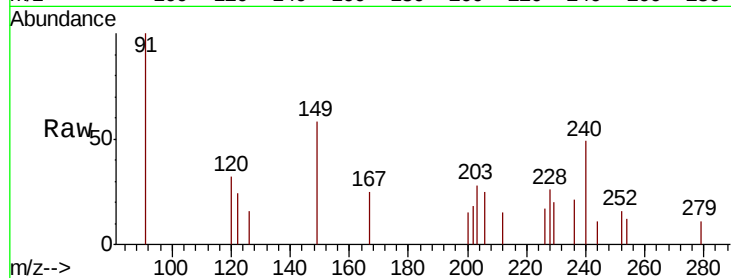
Tgt Ion:228 Resp: 282

Ion Ratio Lower Upper

228 100

226 63.2 23.8 35.6#

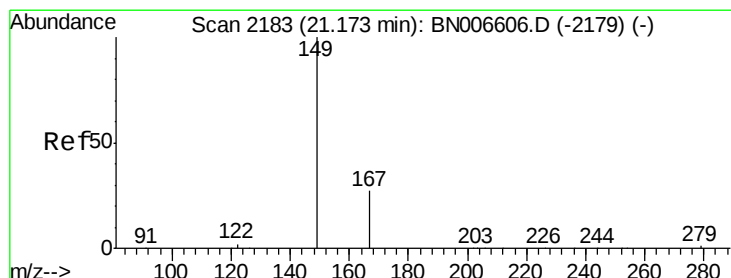
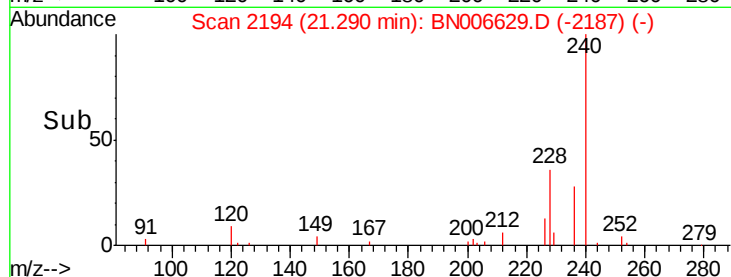
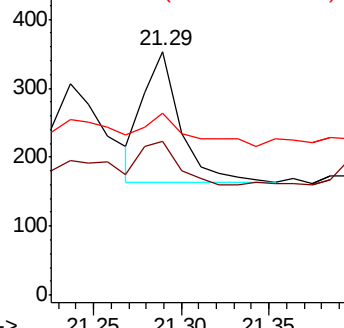
229 74.5 15.9 23.9#



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: 0.104 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

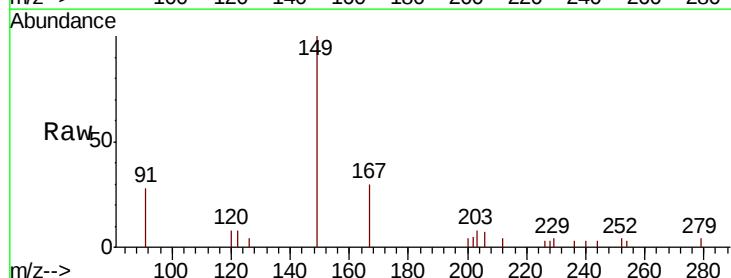
Tgt Ion:149 Resp: 4667

Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

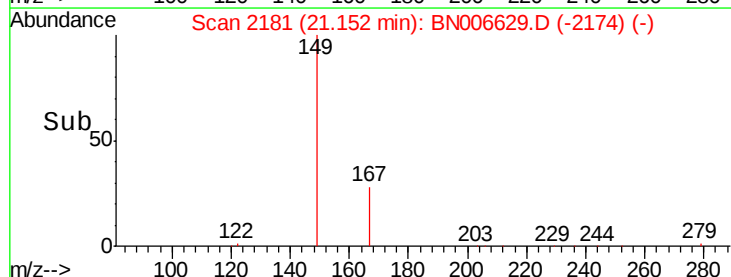
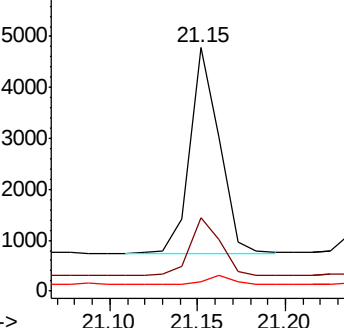
279 4.2 3.3 4.9

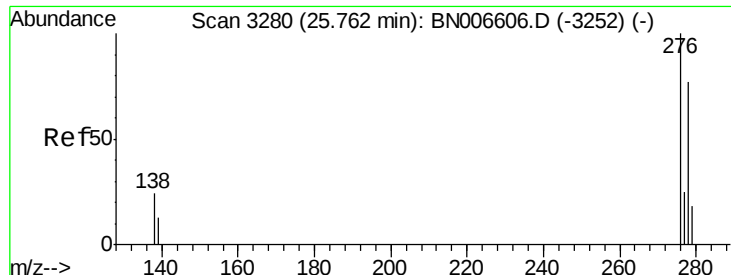


Abundance Ion 149.00 (148.70 to 149.70): E

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: 25.72 min Scan# 3268

Delta R.T. -0.04 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

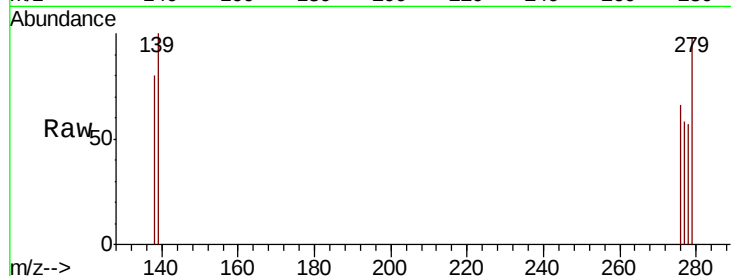
Tgt Ion:276 Resp: 143

Ion Ratio Lower Upper

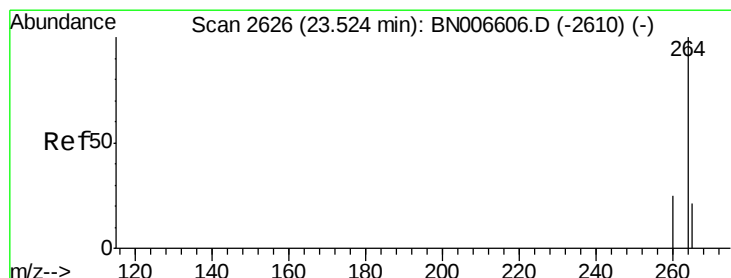
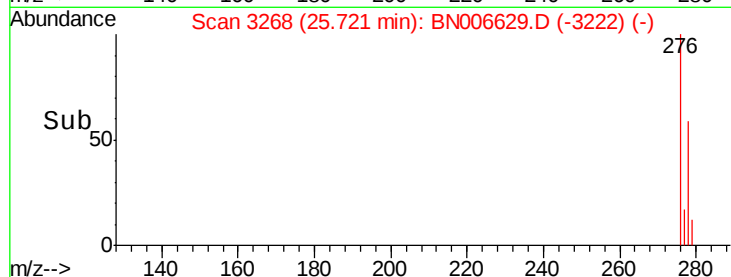
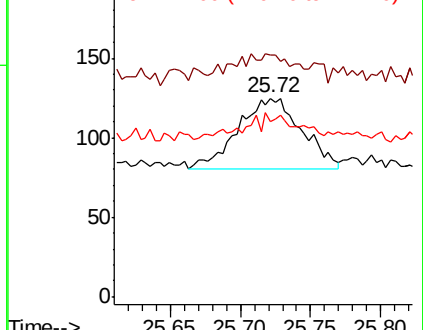
276 100

138 0.0 19.3 28.9#

277 3.5 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: 23.48 min Scan# 2612

Delta R.T. -0.05 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

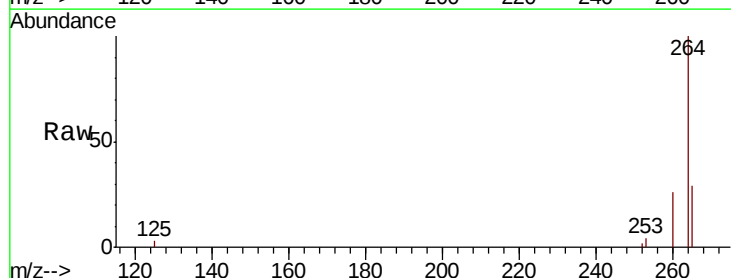
Tgt Ion:264 Resp: 26996

Ion Ratio Lower Upper

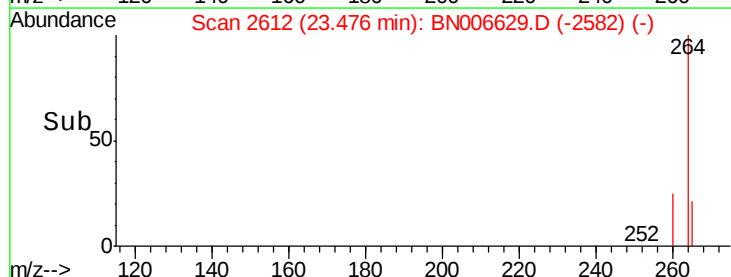
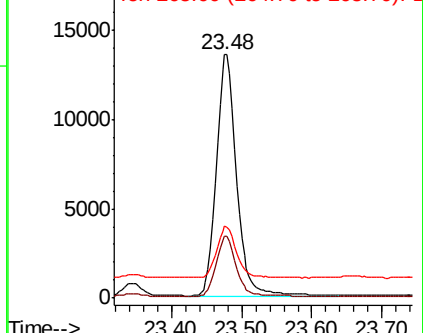
264 100

260 25.6 20.2 30.2

265 29.4 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: 0.003 ng

RT: 22.82 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampled :

MW-2

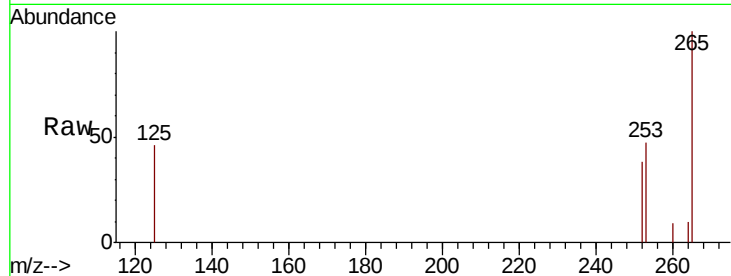
Tgt Ion:252 Resp: 240

Ion Ratio Lower Upper

252 100

253 121.4 18.4 27.6#

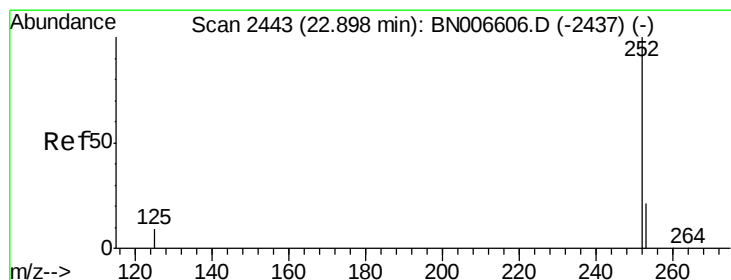
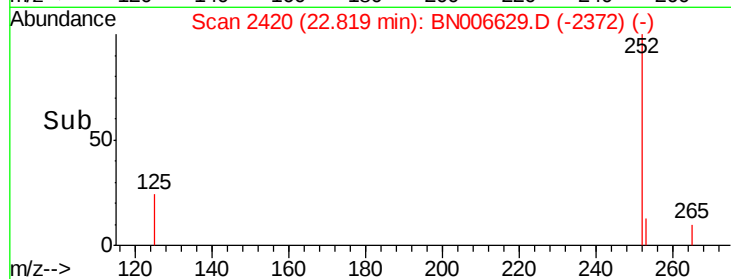
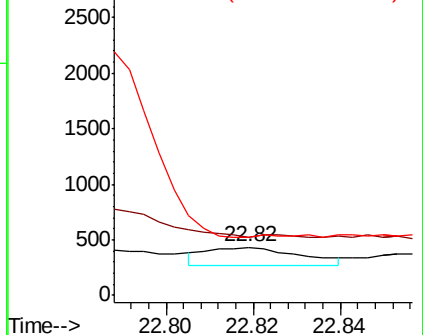
125 121.1 8.7 13.1#



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: 0.002 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.04 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

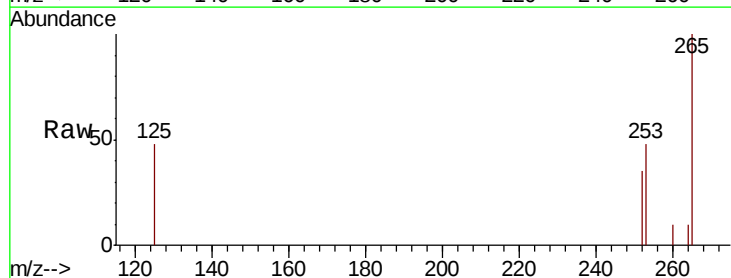
Tgt Ion:252 Resp: 178

Ion Ratio Lower Upper

252 100

253 136.8 18.3 27.5#

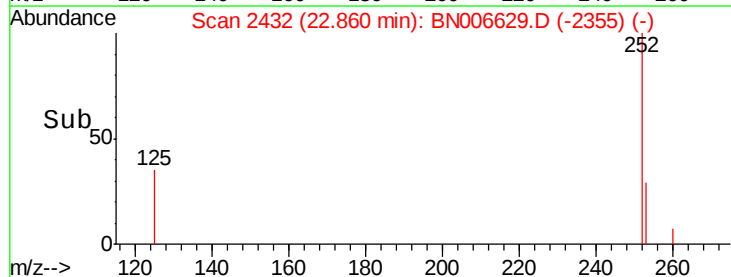
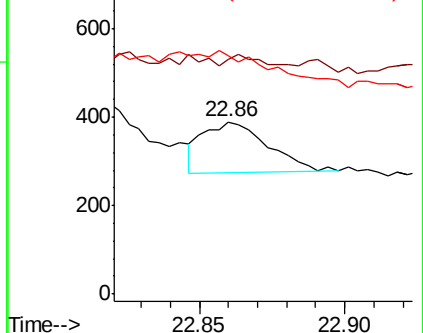
125 138.6 8.4 12.6#

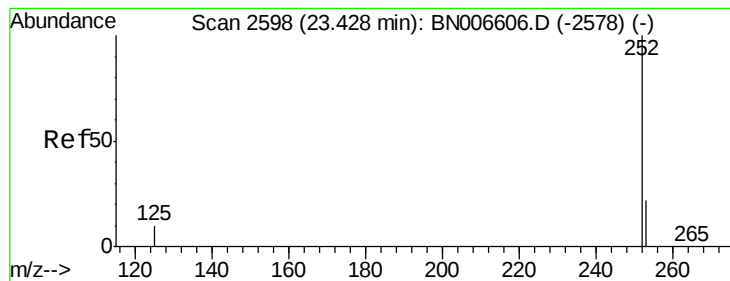


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.38 min Scan# 2585

Delta R.T. -0.04 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

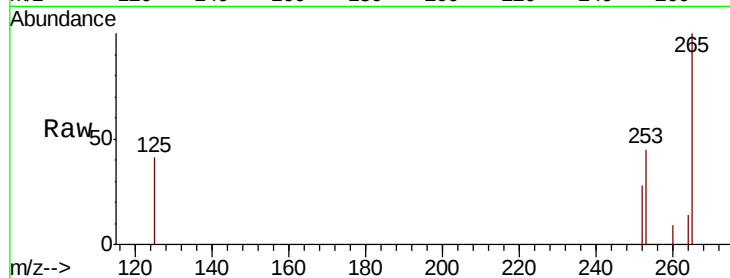
Tgt Ion:252 Resp: 116

Ion Ratio Lower Upper

252 100

253 160.1 18.8 28.2#

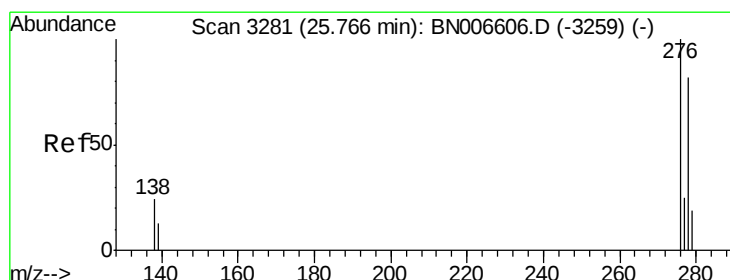
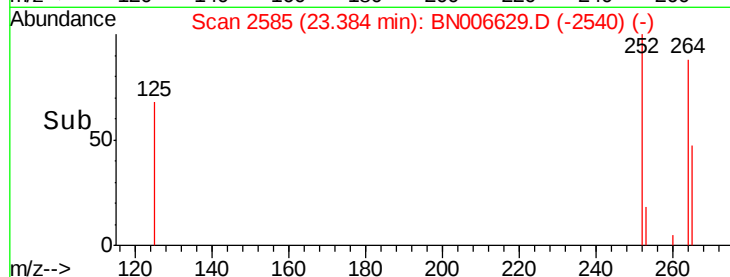
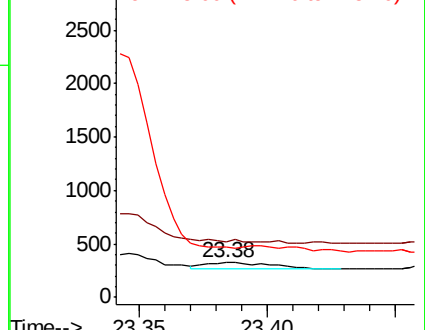
125 143.6 9.4 14.2#



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: 0.001 ng

RT: 25.72 min Scan# 3267

Delta R.T. -0.05 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

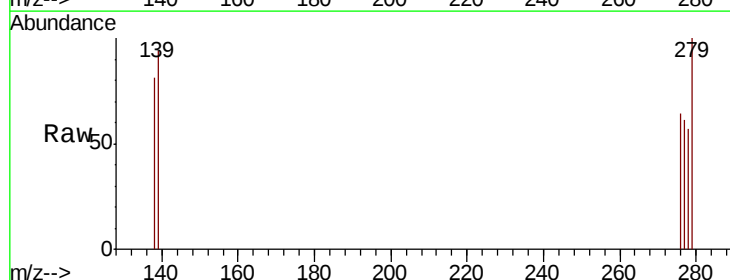
Tgt Ion:278 Resp: 87

Ion Ratio Lower Upper

278 100

139 164.2 13.5 20.3#

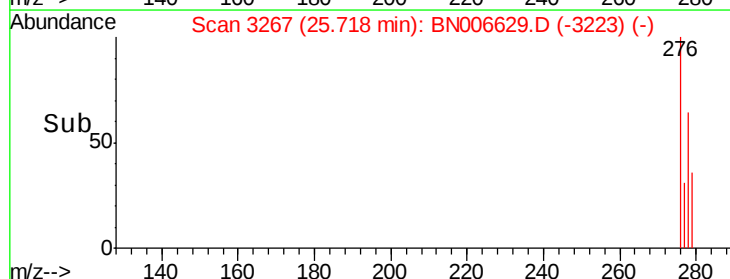
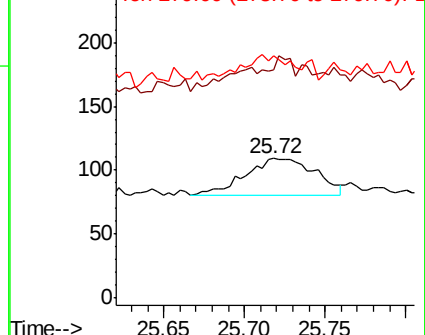
279 174.3 19.4 29.2#



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: 0.002 ng

RT: 26.40 min Scan# 3467

Delta R.T. -0.04 min

Lab File: BN006629.D

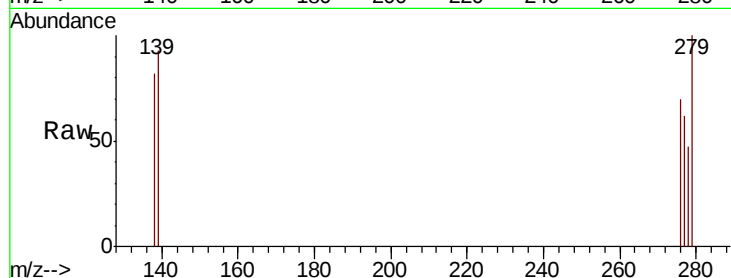
Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2



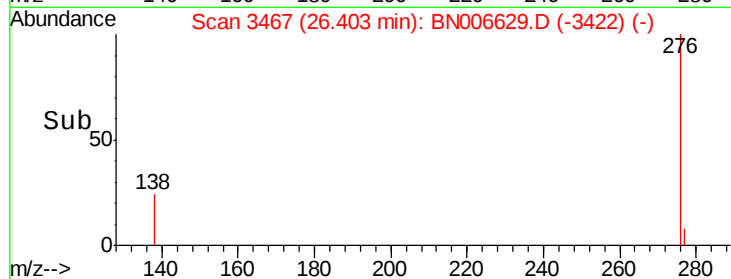
Tgt Ion: 276 Resp: 125

Ion Ratio Lower Upper

276 100

277 89.1 19.6 29.4#

138 117.6 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

