

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006650.D
 Acq On : 29 Jun 2019 13:08
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 01 08:16:51 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	7.62	152	5751	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	25111	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	14097	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	29723	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	19814	0.40	ng	-0.01
34) Perylene-d12	23.50	264	19370	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	6188	0.44	ng	0.00
5) Phenol-d6	6.82	99	8727	0.47	ng	0.00
8) Nitrobenzene-d5	8.78	82	7446	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	12.00	152	16257	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	2759	0.42	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	22961	0.44	ng	-0.01
25) Fluoranthene-d10	19.08	212	32887	0.38	ng	0.00
29) Terphenyl-d14	19.68	244	23669	0.57	ng	0.00

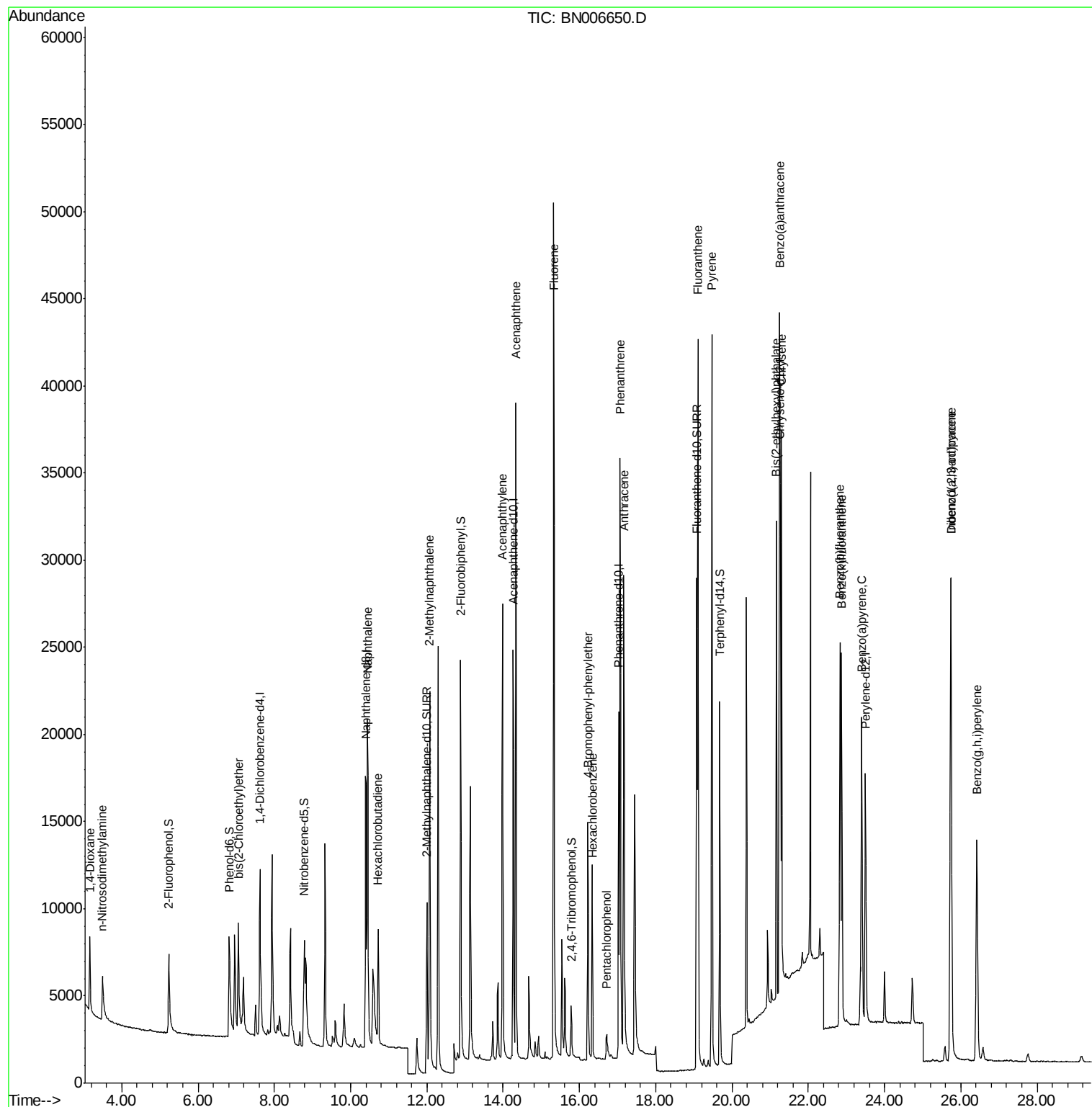
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2851	0.358	ng	97
3) n-Nitrosodimethylamine	3.50	42	2494	0.399	ng	# 98
6) bis(2-Chloroethyl)ether	7.06	93	6684	0.401	ng	89
9) Naphthalene	10.44	128	27945	0.424	ng	100
10) Hexachlorobutadiene	10.72	225	5858	0.432	ng	# 99
12) 2-Methylnaphthalene	12.07	142	19069	0.418	ng	99
16) Acenaphthylene	13.99	152	30108	0.448	ng	100
17) Acenaphthene	14.33	154	19074	0.431	ng	99
18) Fluorene	15.32	166	23378	0.418	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	7398	0.449	ng	# 88
21) Hexachlorobenzene	16.35	284	9027	0.434	ng	99
22) Pentachlorophenol	16.72	266	1522	0.512	ng	90
23) Phenanthrene	17.07	178	36386	0.431	ng	100
24) Anthracene	17.16	178	31996	0.436	ng	99
26) Fluoranthene	19.11	202	39047	0.380	ng	100
28) Pyrene	19.47	202	38775	0.559	ng	100
30) Benzo(a)anthracene	21.25	228	29614	0.457	ng	99
31) Chrysene	21.30	228	30010	0.430	ng	100
32) Bis(2-ethylhexyl)phthalate	21.16	149	24897	0.764	ng	99
33) Indeno(1,2,3-cd)pyrene	25.74	276	31596	0.447	ng	99
35) Benzo(b)fluoranthene	22.83	252	27498	0.417	ng	# 95
36) Benzo(k)fluoranthene	22.87	252	28142	0.401	ng	# 95
37) Benzo(a)pyrene	23.40	252	26569	0.431	ng	# 94
38) Dibenzo(a,h)anthracene	25.74	278	25243	0.469	ng	96
39) Benzo(g,h,i)perylene	26.42	276	25896	0.482	ng	98

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.62 min Scan# 570

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

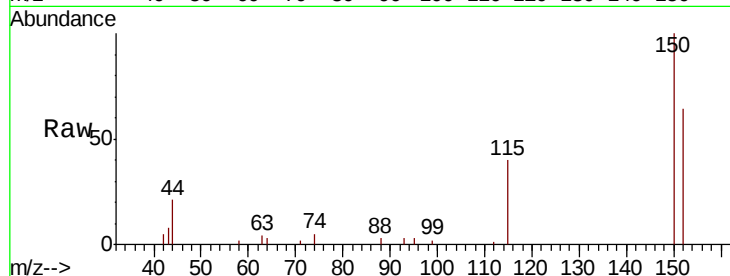
Tgt Ion: 152 Resp: 5751

Ion Ratio Lower Upper

152 100

150 155.3 122.2 183.2

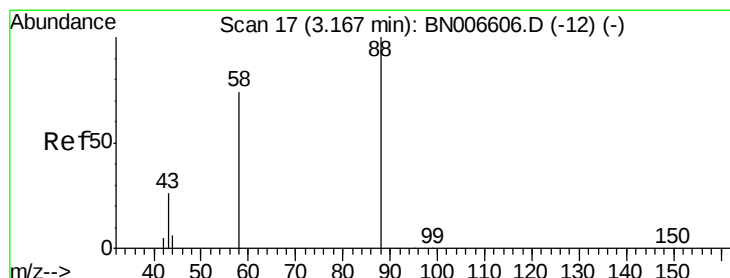
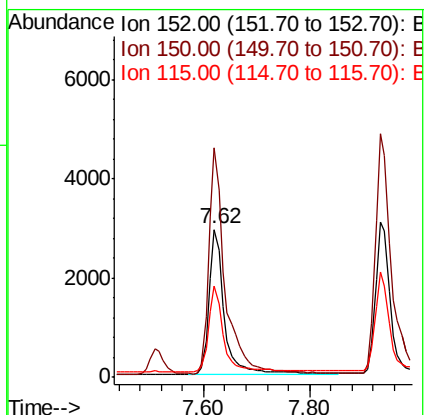
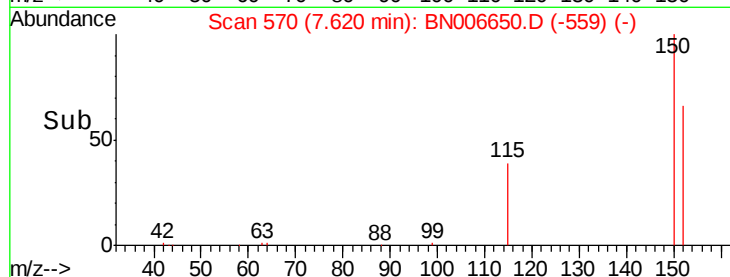
115 61.8 50.0 75.0



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: 0.358 ng

RT: 3.17 min Scan# 17

Delta R.T. 0.00 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

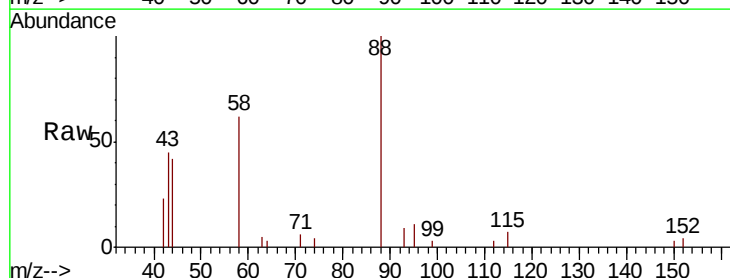
Tgt Ion: 88 Resp: 2851

Ion Ratio Lower Upper

88 100

58 80.6 62.5 93.7

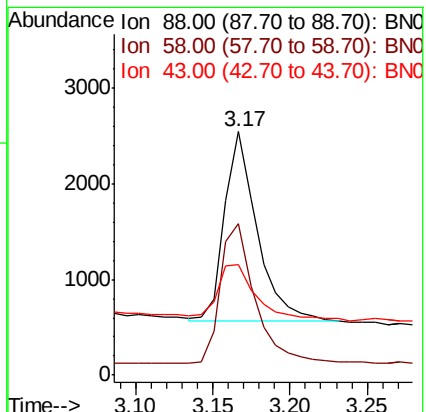
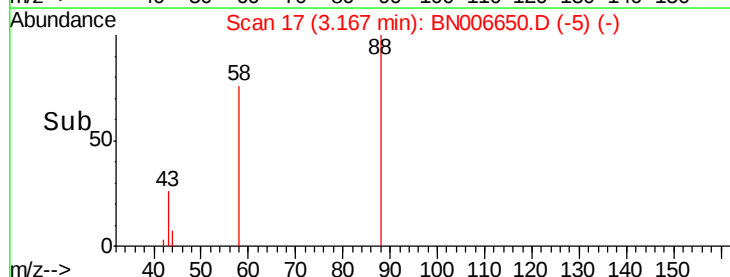
43 33.1 25.4 38.0

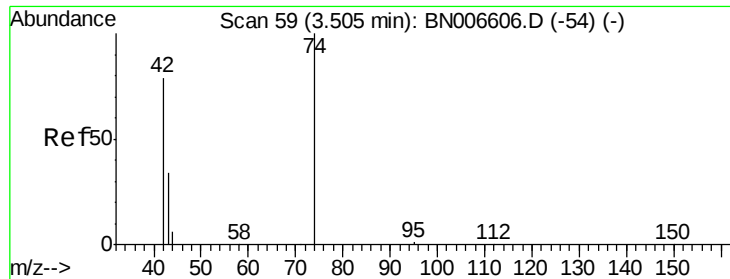


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.399 ng

RT: 3.50 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

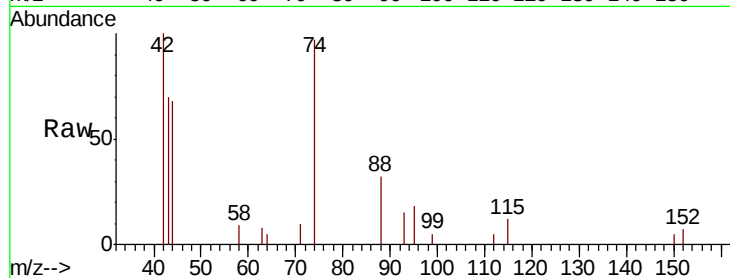
Tgt Ion: 42 Resp: 2494

Ion Ratio Lower Upper

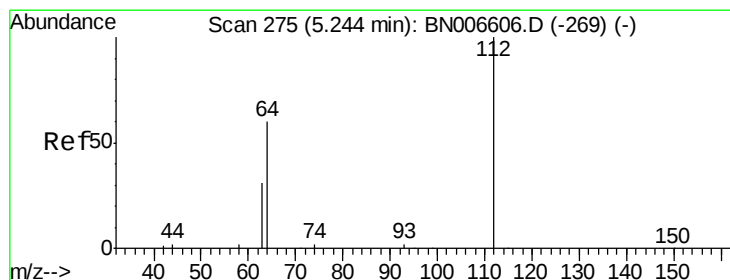
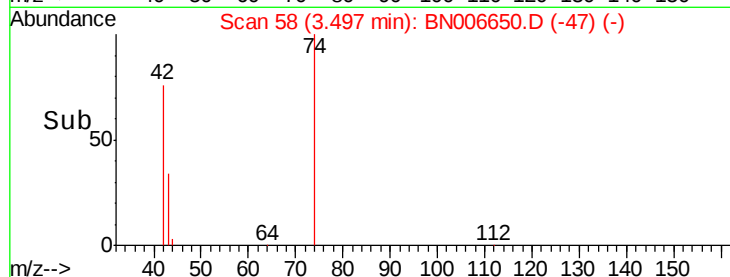
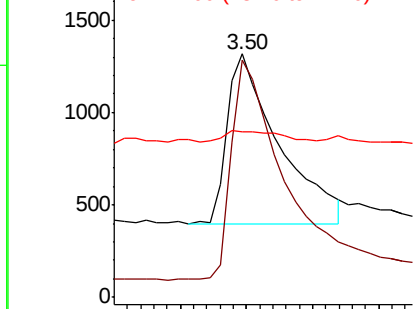
42 100

74 130.6 103.1 154.7

44 7.2 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: 0.439 ng

RT: 5.24 min Scan# 274

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

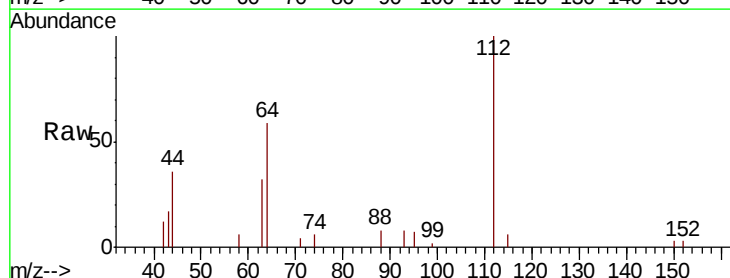
Tgt Ion: 112 Resp: 6188

Ion Ratio Lower Upper

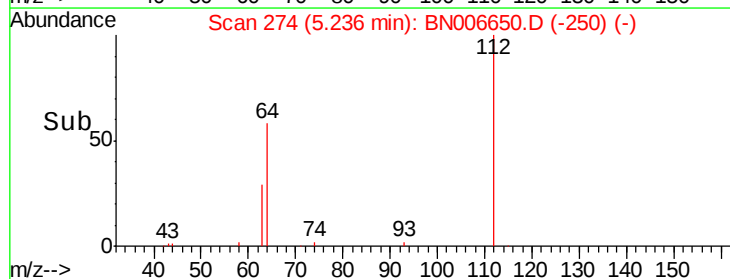
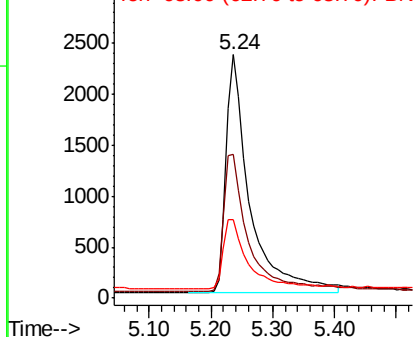
112 100

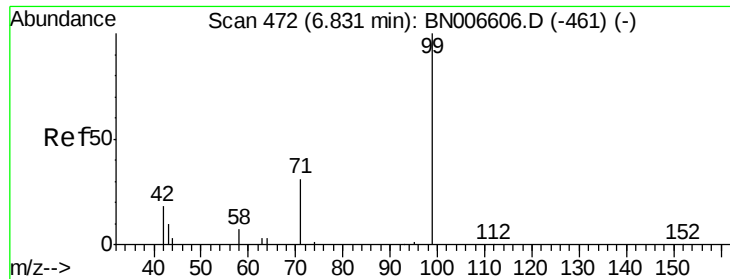
64 60.9 48.9 73.3

63 31.6 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: 0.467 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

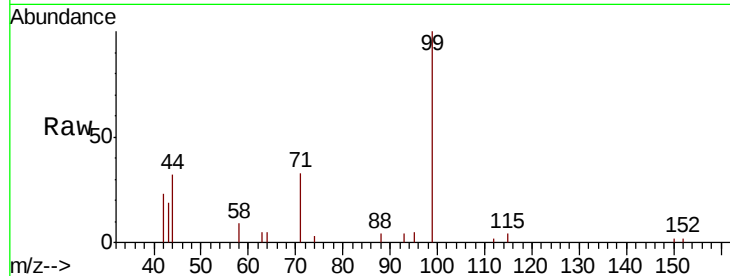
Tgt Ion: 99 Resp: 8727

Ion Ratio Lower Upper

99 100

42 19.3 16.4 24.6

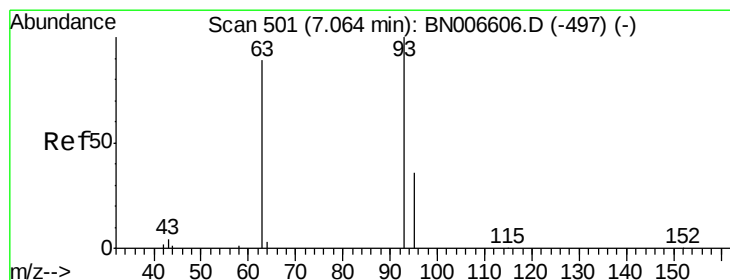
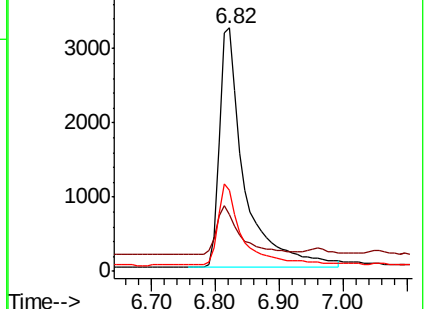
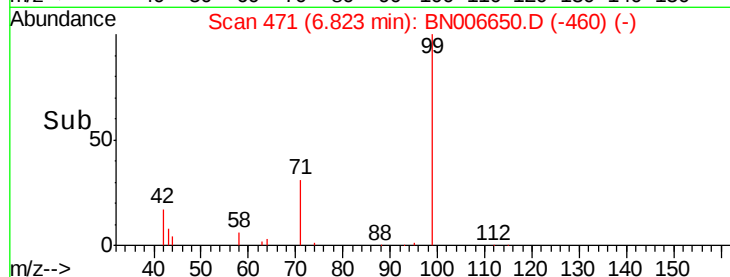
71 32.9 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006650.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006650.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006650.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.401 ng

RT: 7.06 min Scan# 500

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

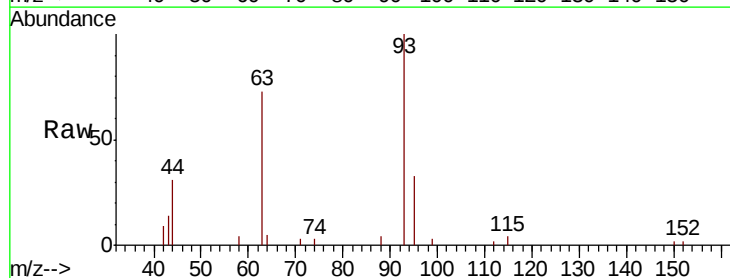
Tgt Ion: 93 Resp: 6684

Ion Ratio Lower Upper

93 100

63 75.5 52.5 78.7

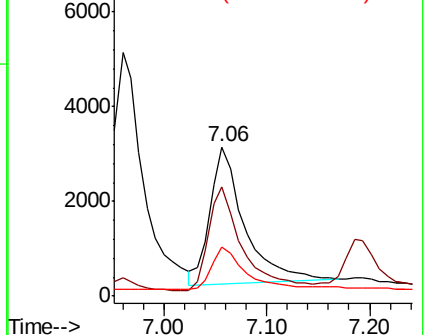
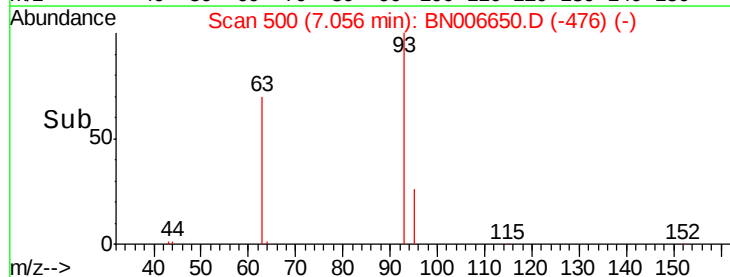
95 33.8 24.2 36.4

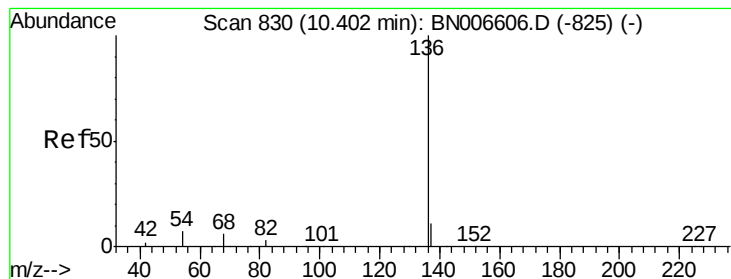


Abundance Ion 93.00 (92.70 to 93.70): BN006650.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006650.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006650.D (-476) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 25111

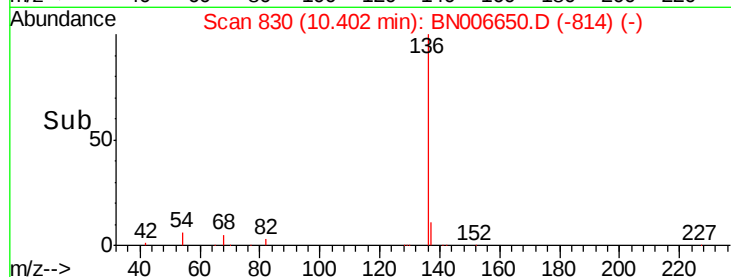
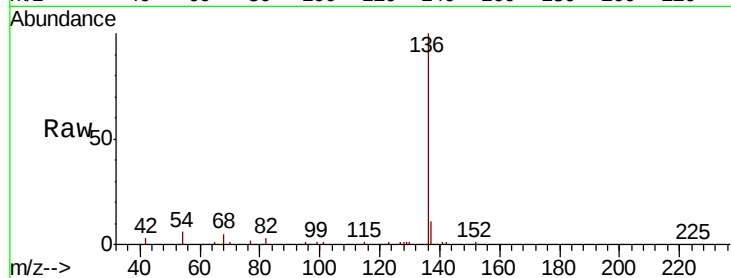
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 6.4 6.7 10.1#

68 5.2 5.3 7.9#

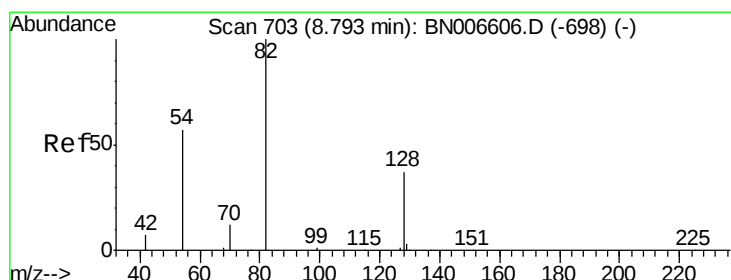
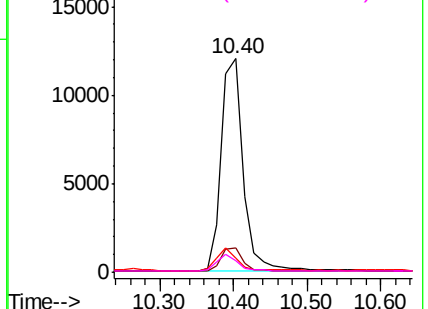


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.441 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

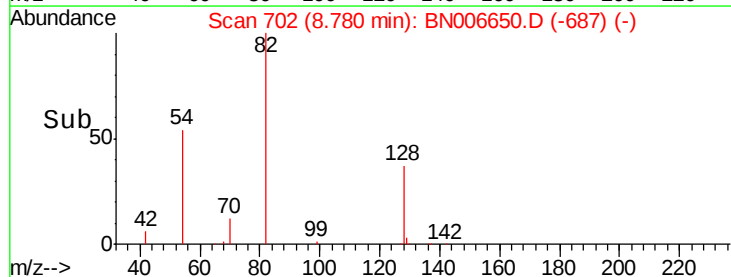
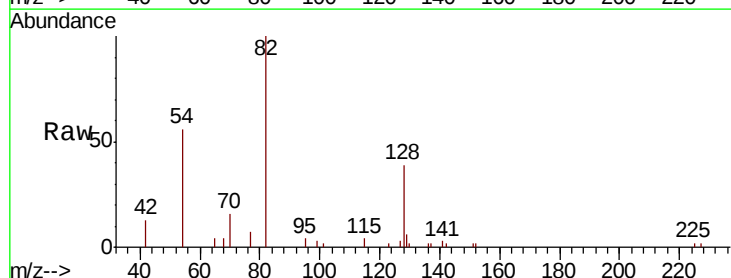
Tgt Ion: 82 Resp: 7446

Ion Ratio Lower Upper

82 100

128 38.9 32.6 49.0

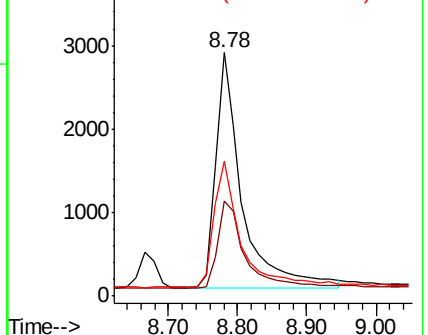
54 55.5 48.2 72.4

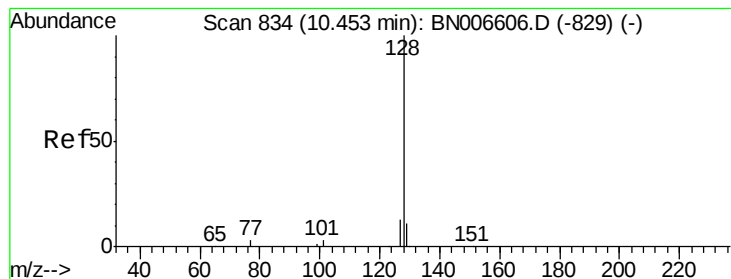


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.424 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

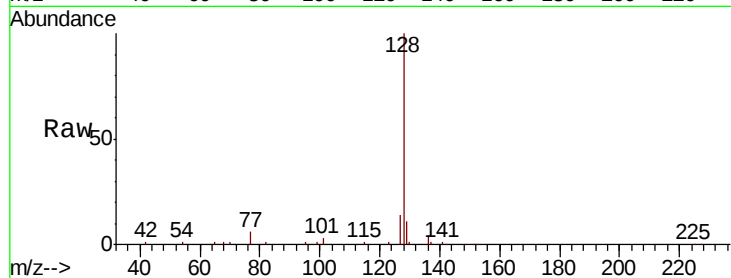
Tgt Ion:128 Resp: 27945

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

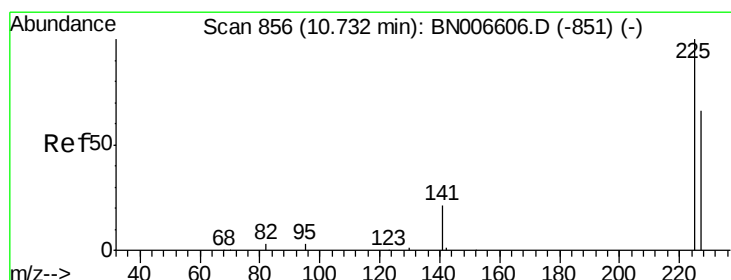
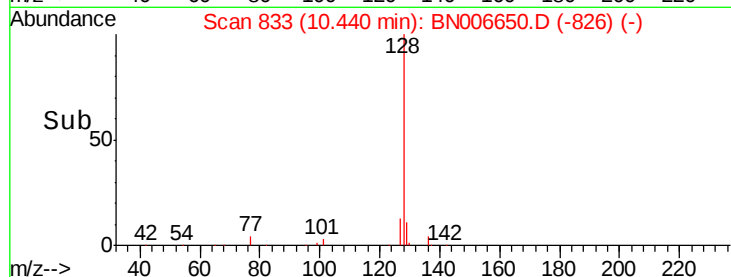
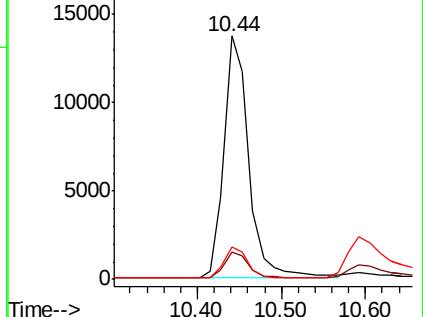
127 13.6 10.8 16.2



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: 0.432 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

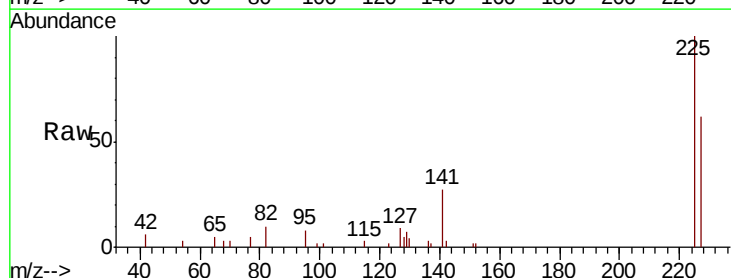
Tgt Ion:225 Resp: 5858

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

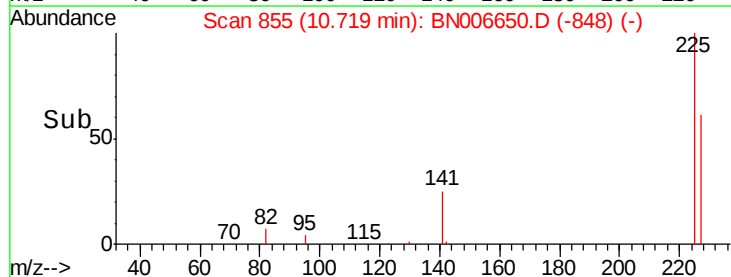
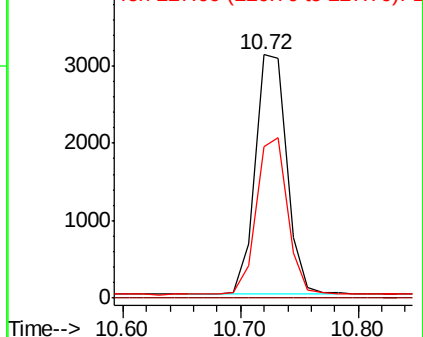
227 63.9 51.4 77.2

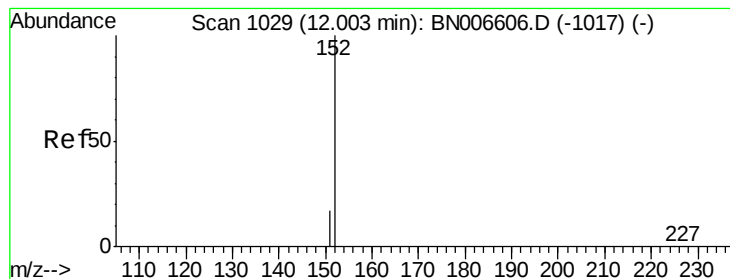


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 12.00 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

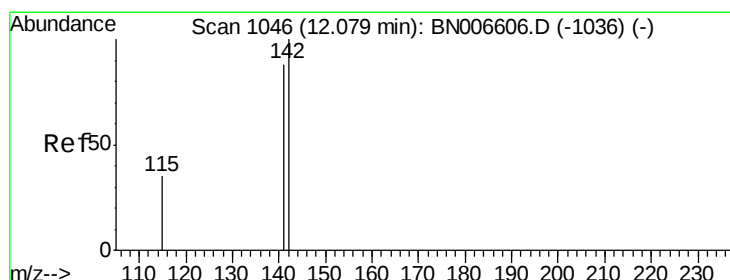
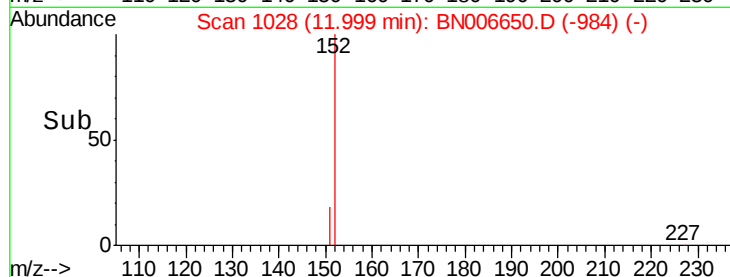
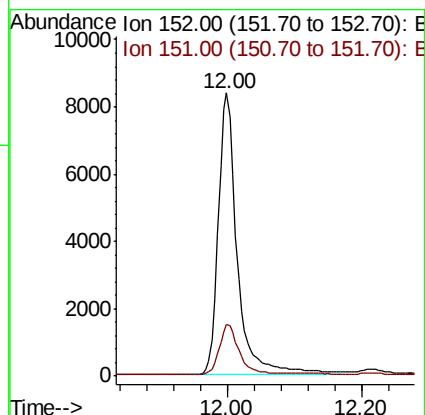
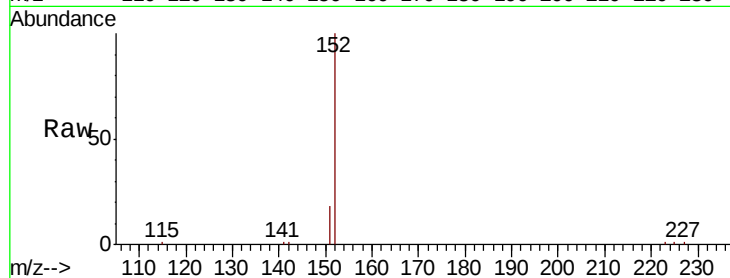
SSTDCCC0.4EC

Tgt Ion:152 Resp: 16257

Ion Ratio Lower Upper

152 100

151 18.9 15.0 22.4



#12

2-Methylnaphthalene

Concen: 0.418 ng

RT: 12.07 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

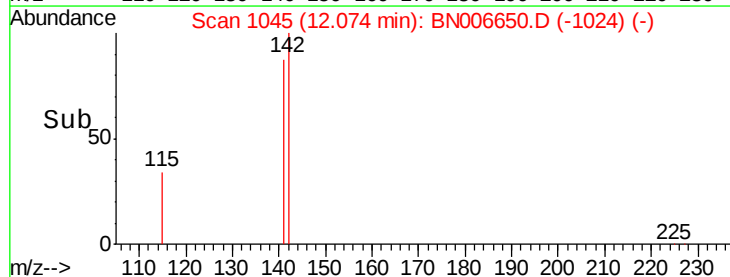
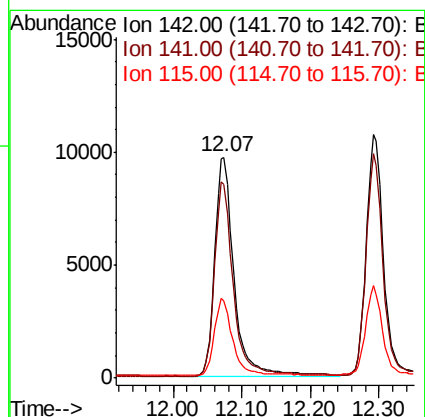
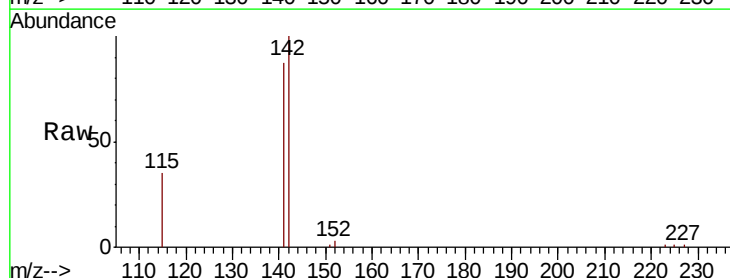
Tgt Ion:142 Resp: 19069

Ion Ratio Lower Upper

142 100

141 87.4 70.2 105.4

115 34.8 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: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

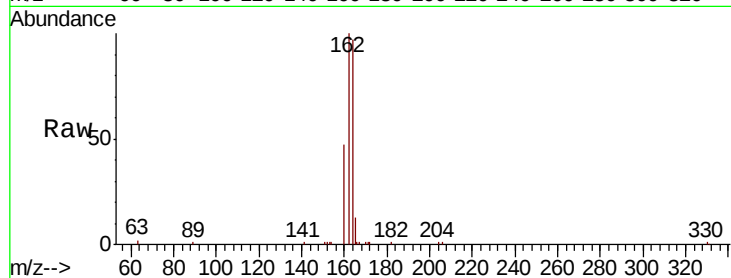
Tgt Ion:164 Resp: 14097

Ion Ratio Lower Upper

164 100

162 102.8 80.0 120.0

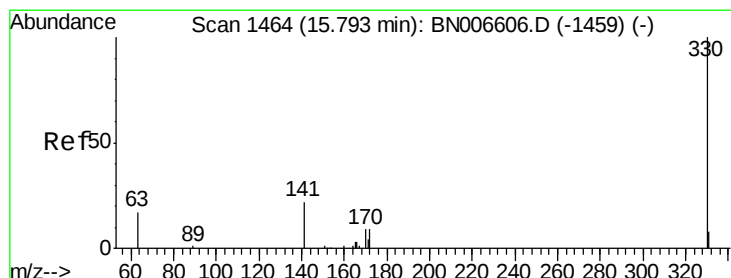
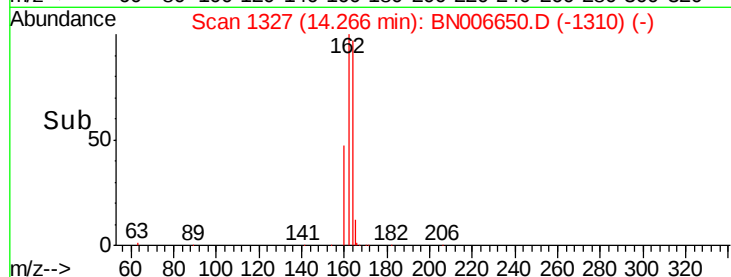
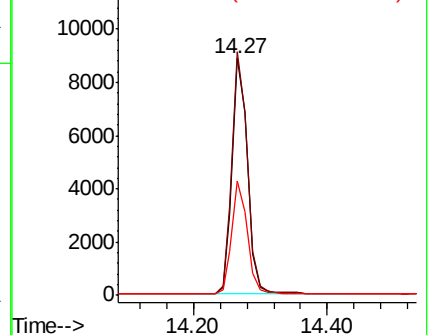
160 48.1 37.0 55.4



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: 0.416 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

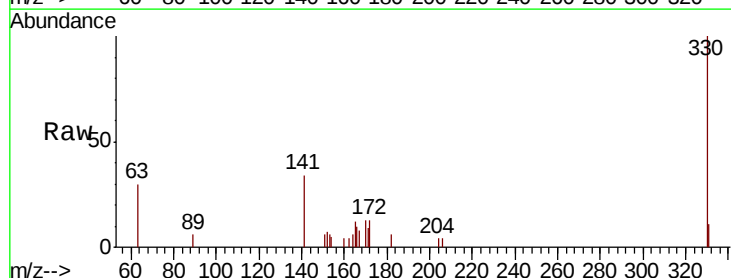
Tgt Ion:330 Resp: 2759

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

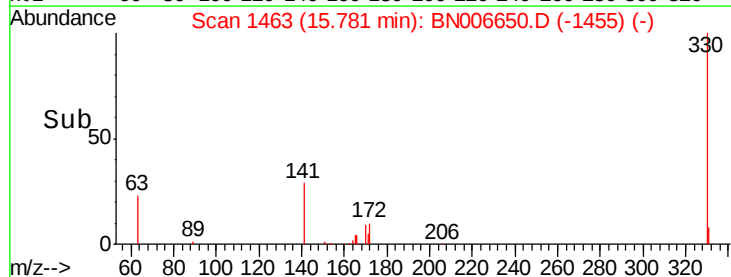
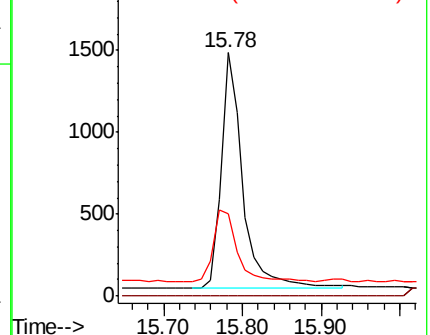
141 33.4 26.5 39.7



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

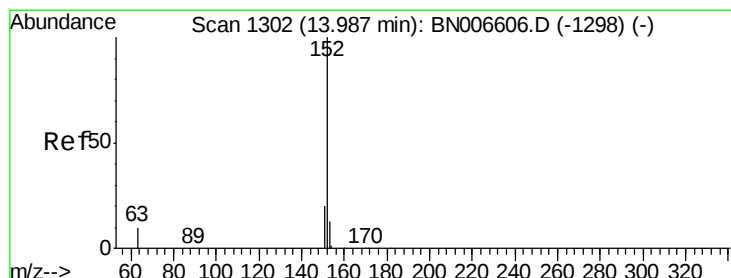
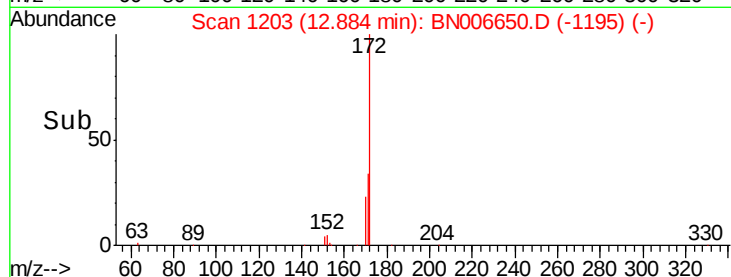
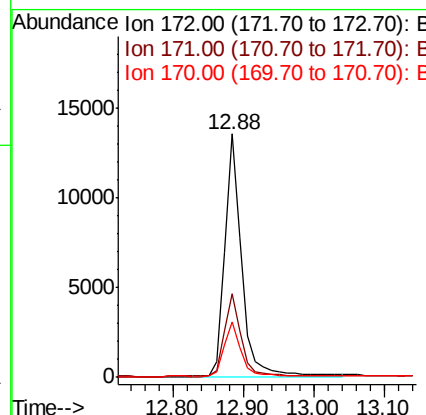
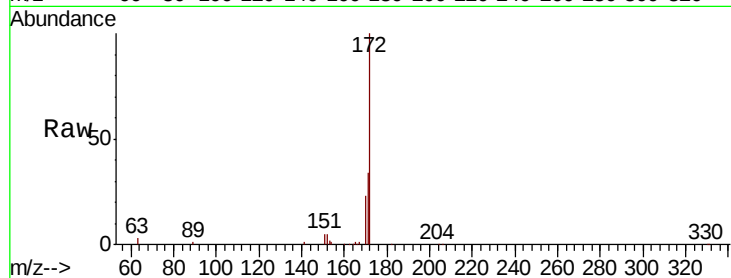




#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

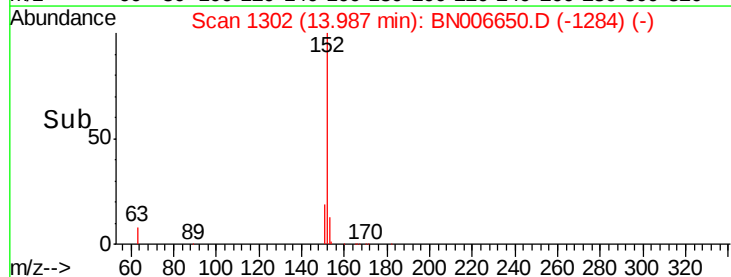
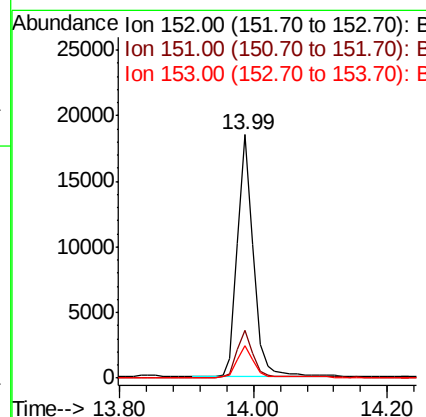
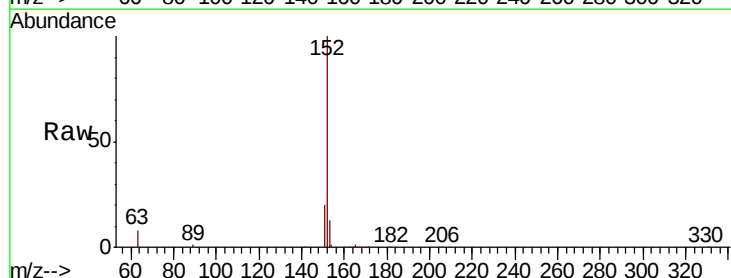
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

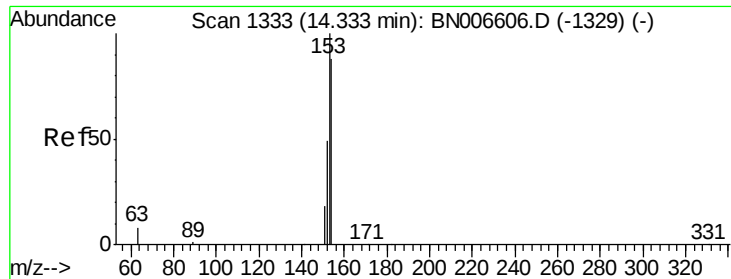
Tgt Ion:172 Resp: 22961
Ion Ratio Lower Upper
172 100
171 34.3 27.0 40.4
170 23.0 17.7 26.5



#16
Acenaphthylene
Concen: 0.448 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:152 Resp: 30108
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.431 ng

RT: 14.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

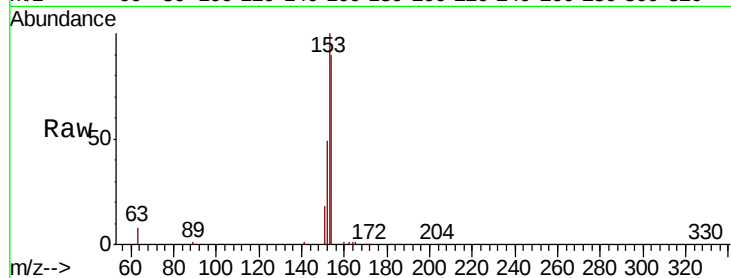
Tgt Ion:154 Resp: 19074

Ion Ratio Lower Upper

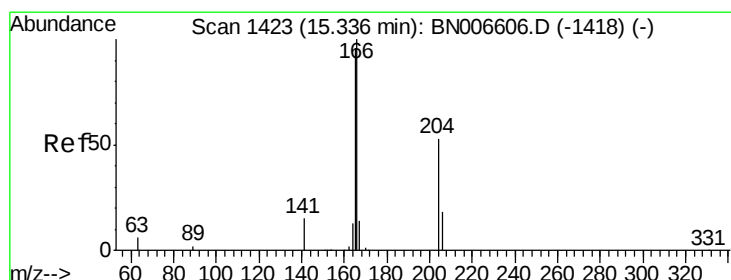
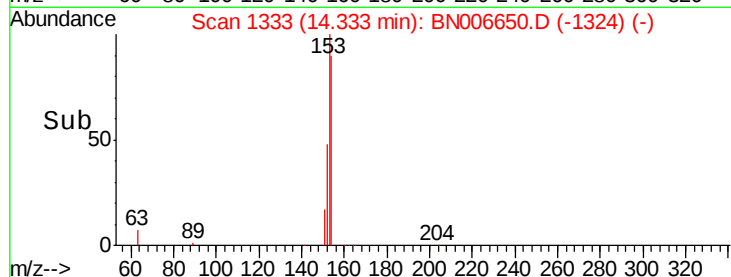
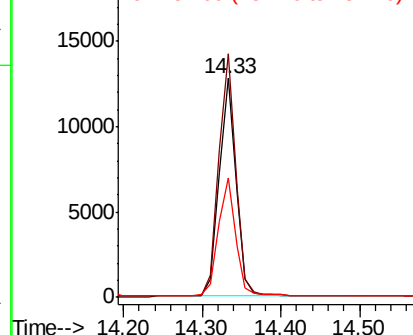
154 100

153 112.4 90.2 135.4

152 54.3 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: 0.418 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

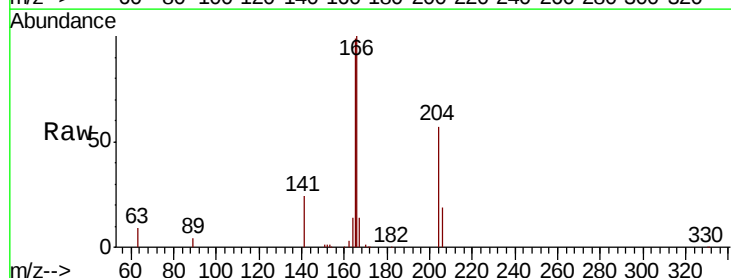
Tgt Ion:166 Resp: 23378

Ion Ratio Lower Upper

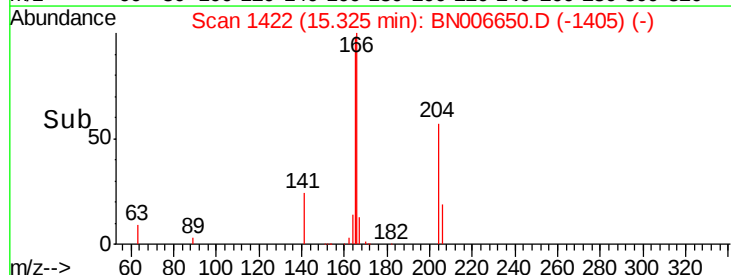
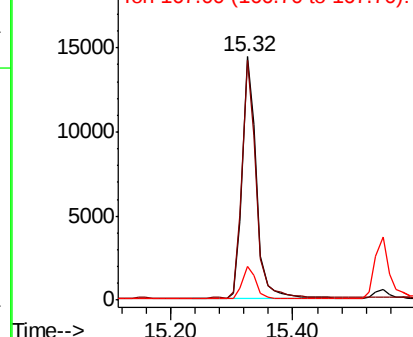
166 100

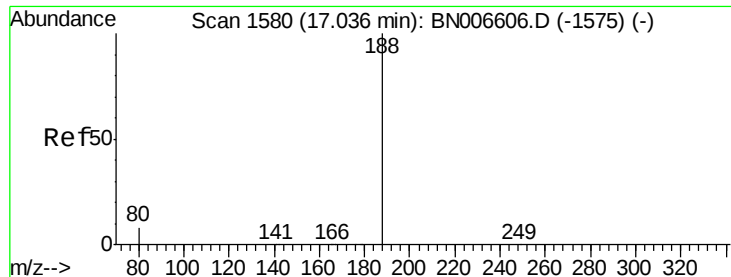
165 97.7 78.4 117.6

167 13.4 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: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

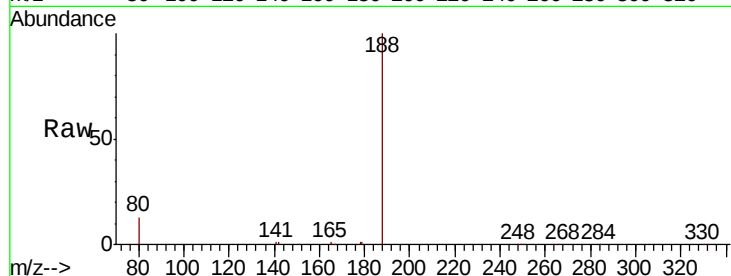
Tgt Ion:188 Resp: 29723

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

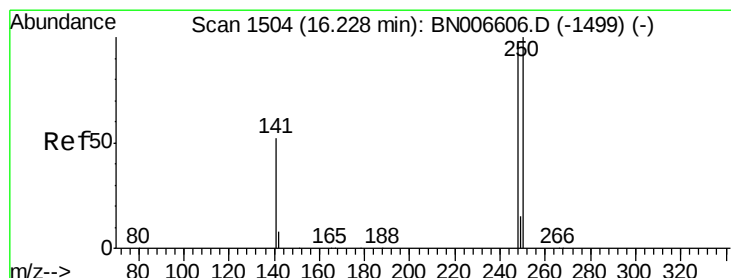
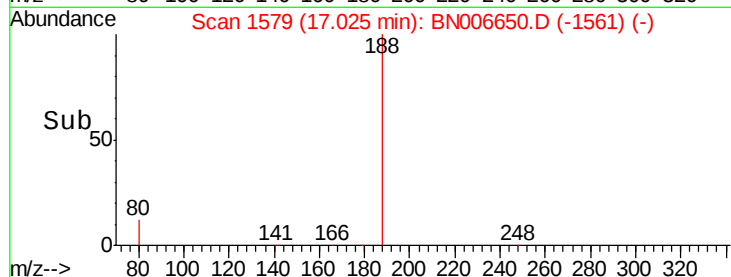
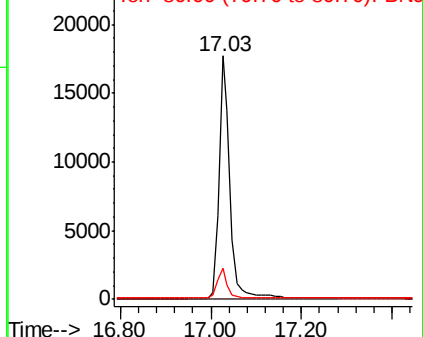
80 12.6 7.1 10.7#



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: 0.449 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

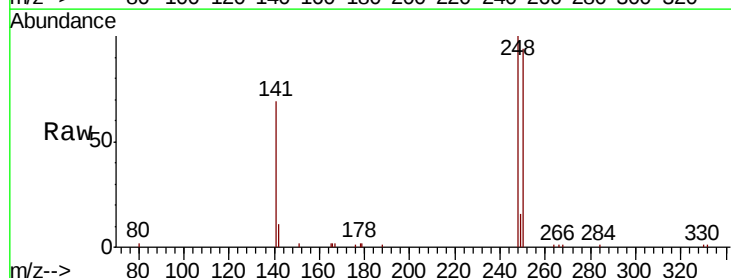
Tgt Ion:248 Resp: 7398

Ion Ratio Lower Upper

248 100

250 94.2 82.2 123.4

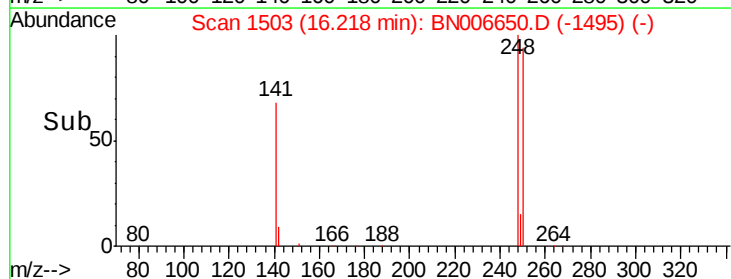
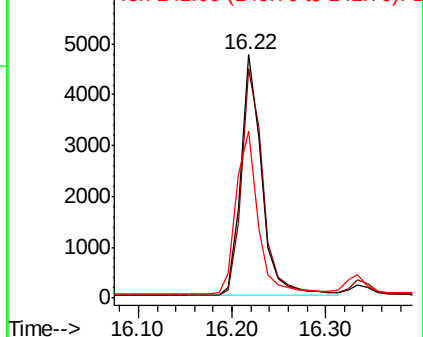
141 68.6 43.8 65.8#

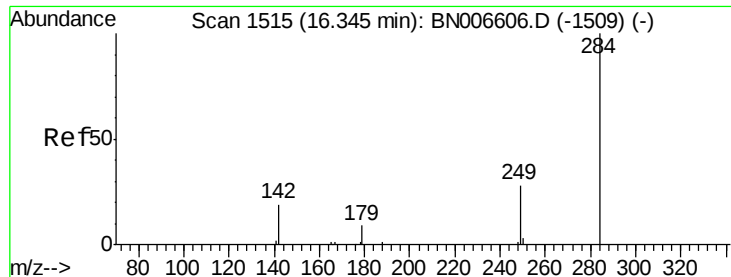


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

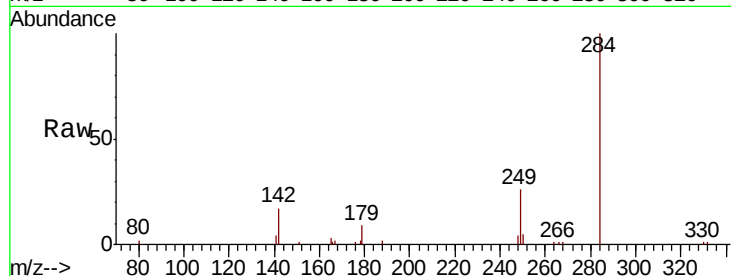




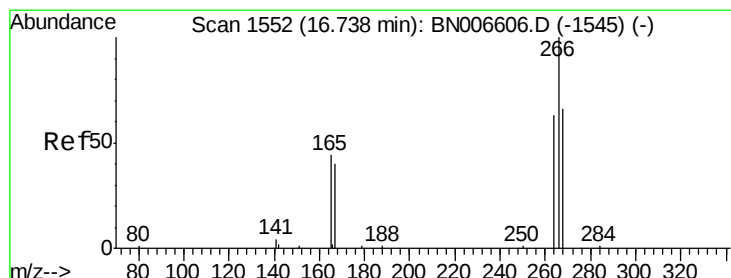
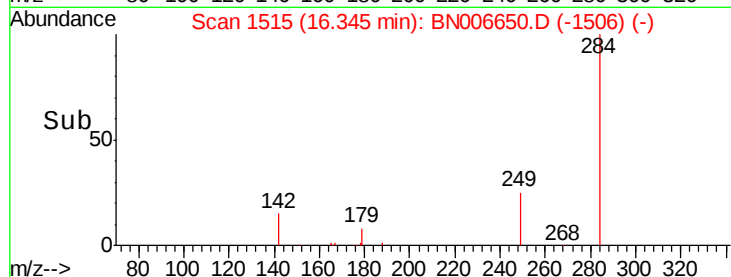
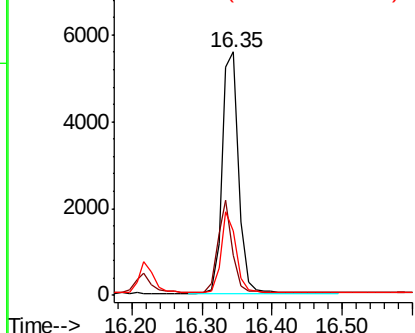
#21
Hexachlorobenzene
Concen: 0.434 ng
RT: 16.35 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 9027
Ion Ratio Lower Upper
284 100
142 34.0 27.5 41.3
249 30.6 24.7 37.1

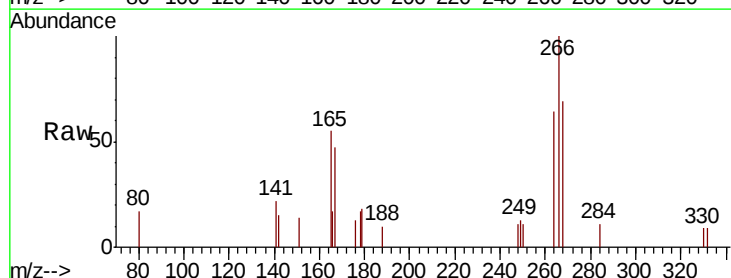


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

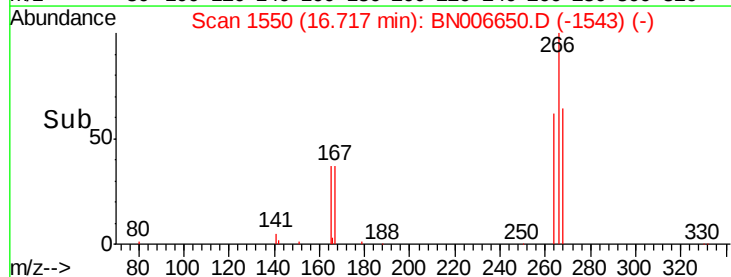
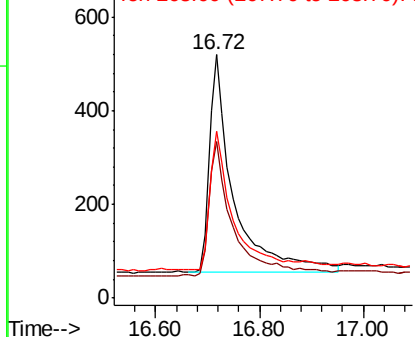


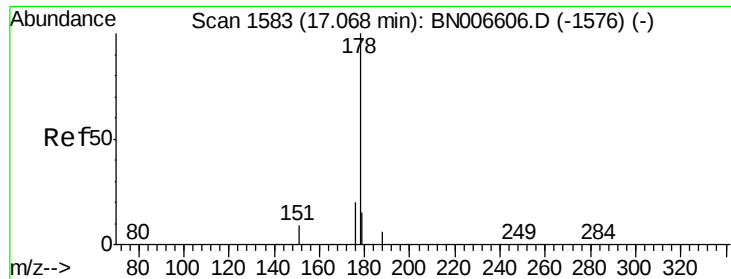
#22
Pentachlorophenol
Concen: 0.512 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:266 Resp: 1522
Ion Ratio Lower Upper
266 100
264 64.2 56.2 84.4
268 68.7 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: 0.431 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

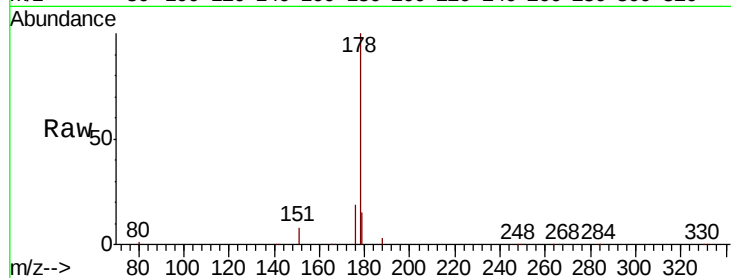
Tgt Ion:178 Resp: 36386

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

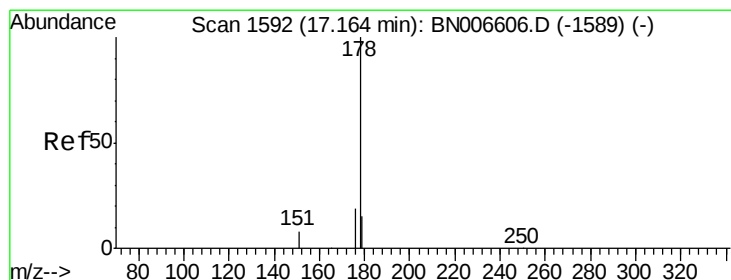
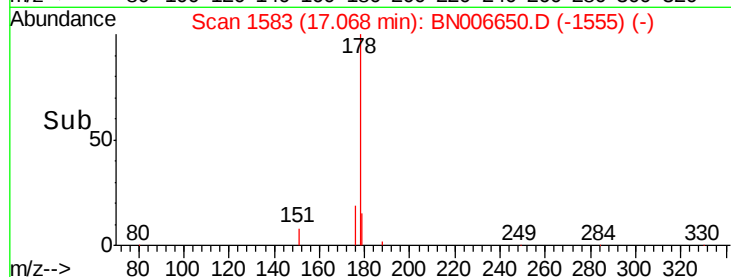
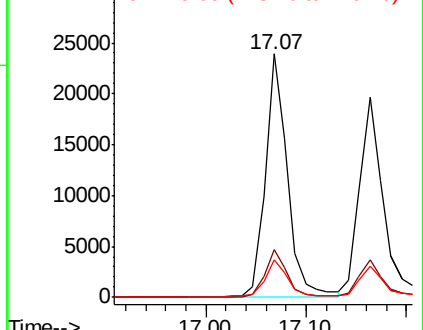
179 15.5 12.2 18.4



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: 0.436 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

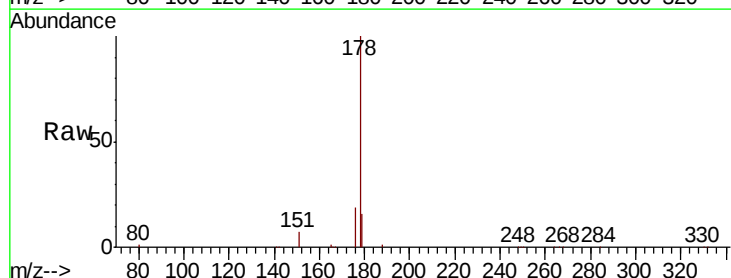
Tgt Ion:178 Resp: 31996

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

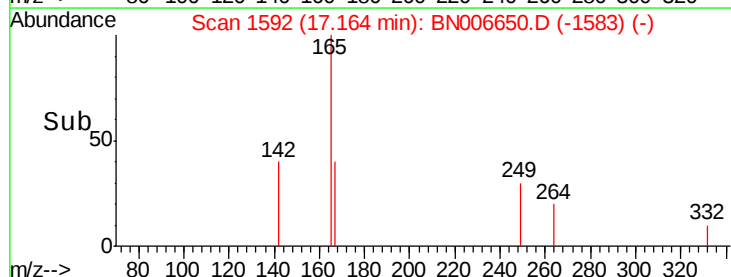
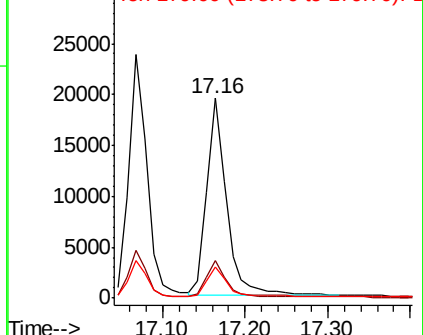
179 14.6 12.2 18.2

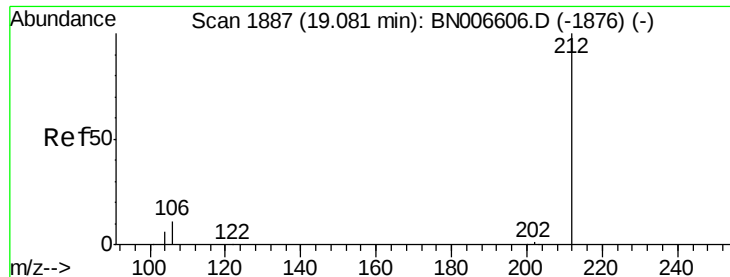


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

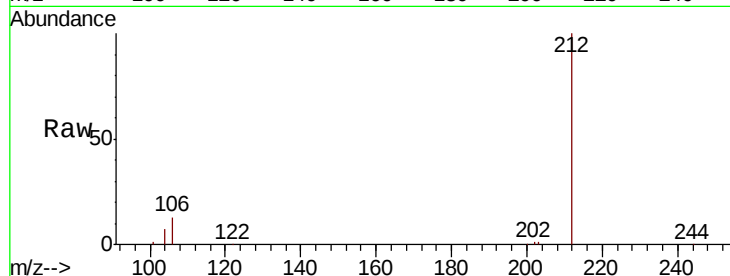
Tgt Ion:212 Resp: 32887

Ion Ratio Lower Upper

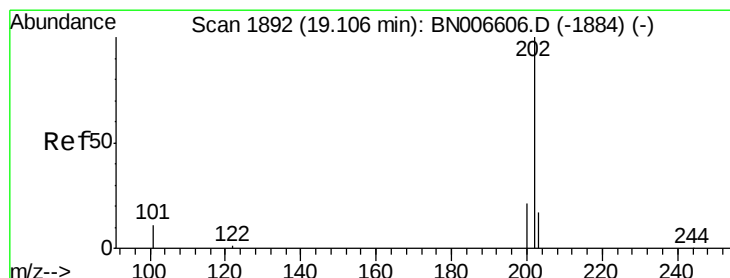
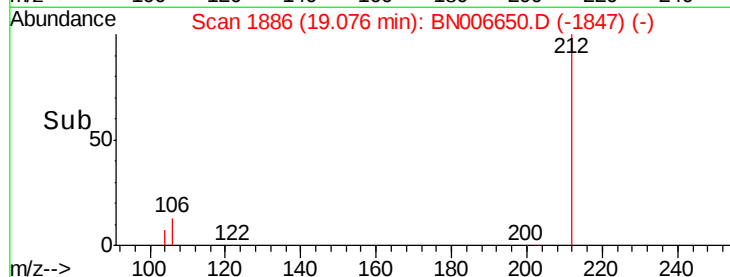
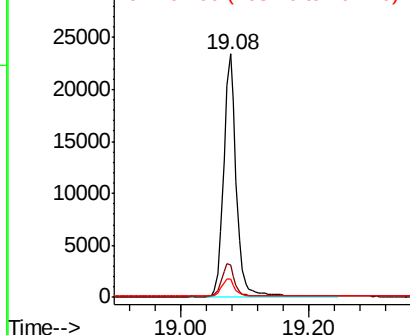
212 100

106 13.5 10.6 15.8

104 7.5 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: 0.380 ng

RT: 19.11 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

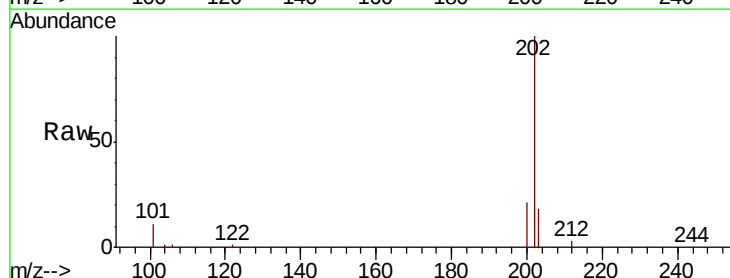
Tgt Ion:202 Resp: 39047

Ion Ratio Lower Upper

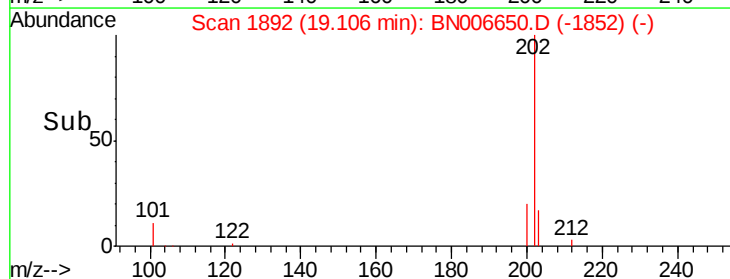
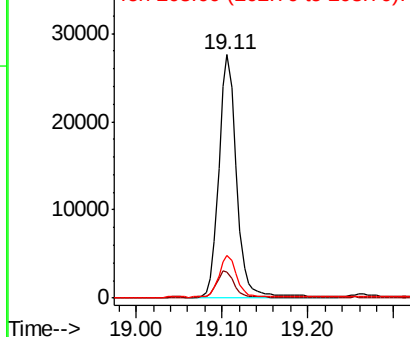
202 100

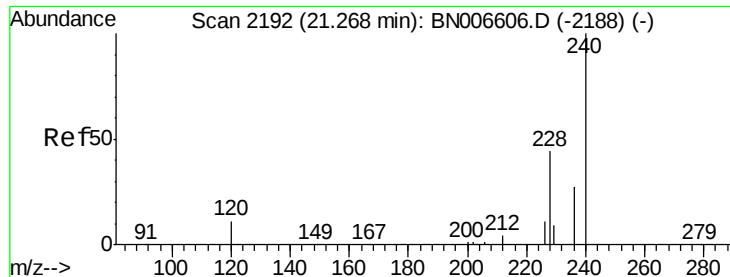
101 11.1 8.9 13.3

203 17.0 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

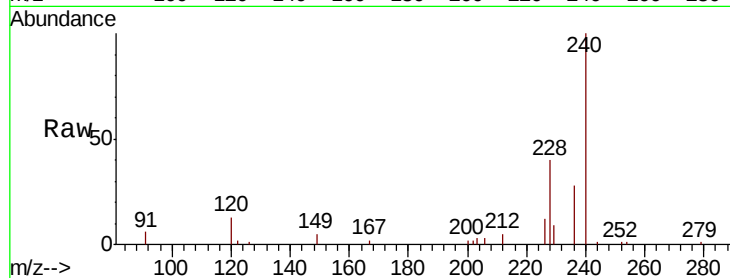




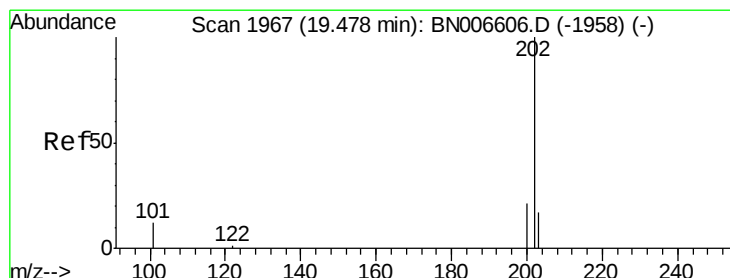
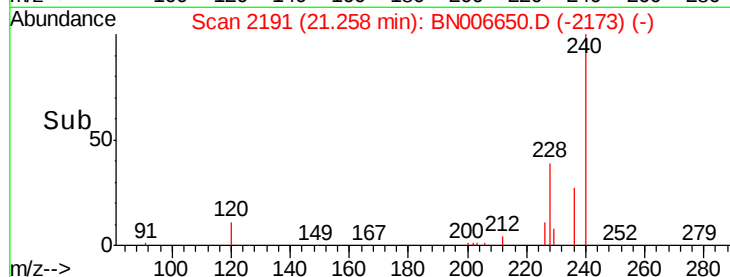
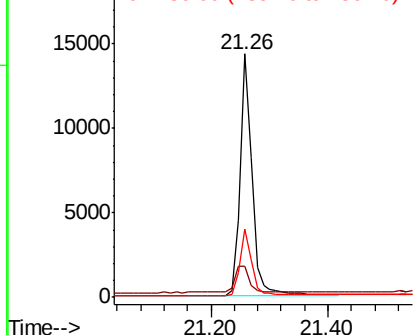
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 19814
Ion Ratio Lower Upper
240 100
120 12.6 9.9 14.9
236 28.0 22.2 33.4

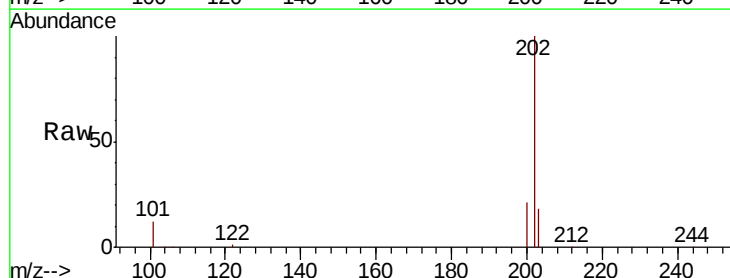


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

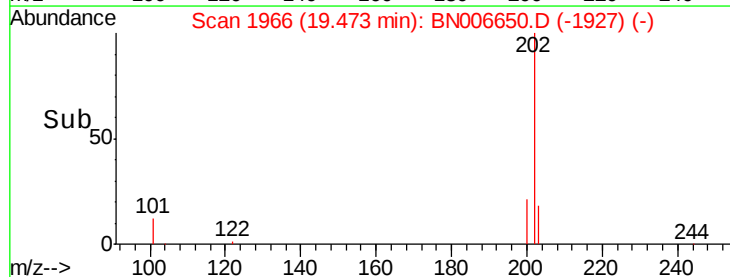
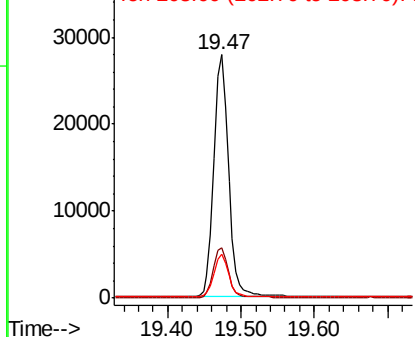


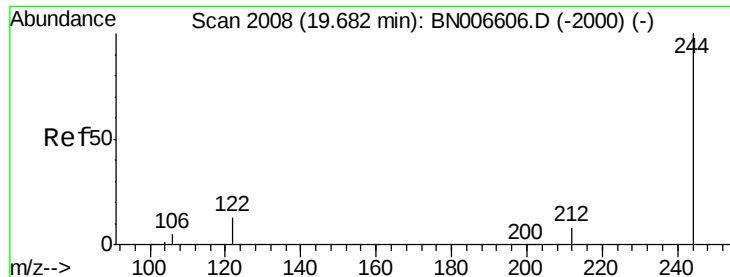
#28
Pyrene
Concen: 0.559 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:202 Resp: 38775
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.7 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: 0.570 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

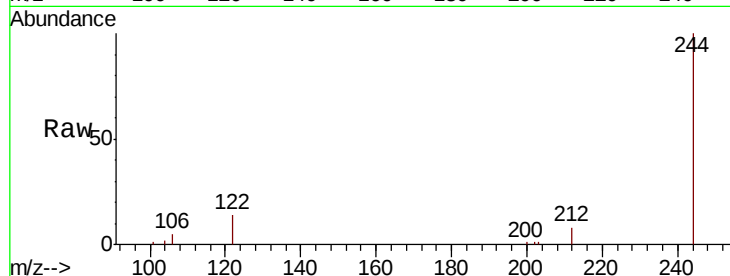
Tgt Ion:244 Resp: 23669

Ion Ratio Lower Upper

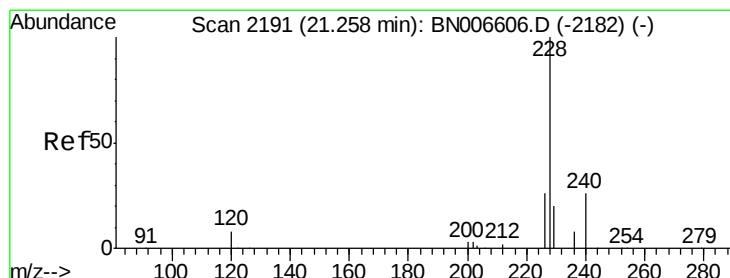
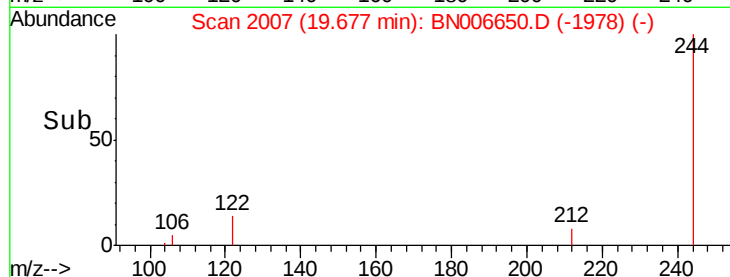
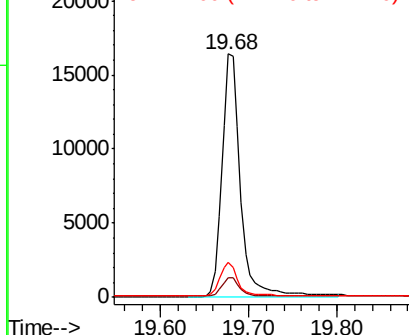
244 100

212 8.2 6.7 10.1

122 14.3 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: 0.457 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

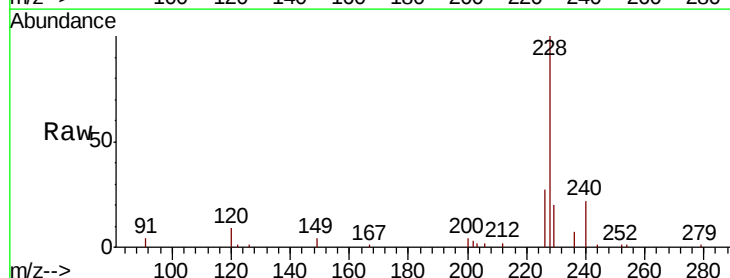
Tgt Ion:228 Resp: 29614

Ion Ratio Lower Upper

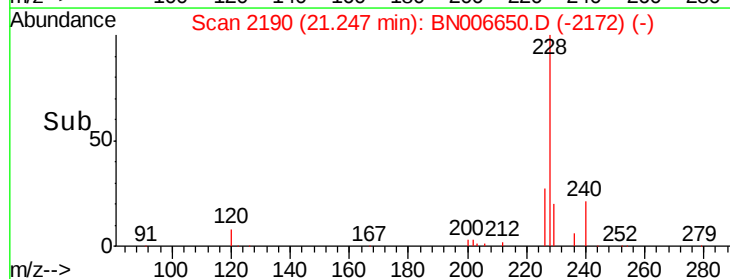
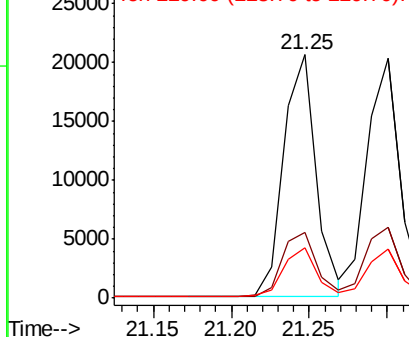
228 100

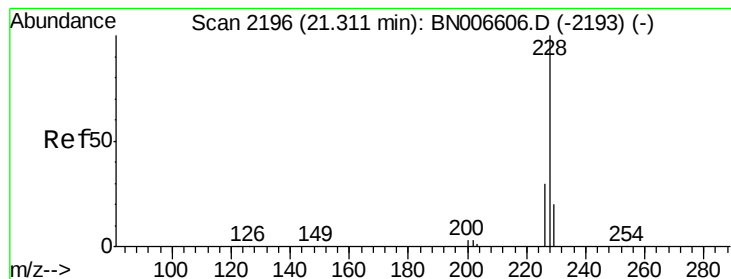
226 27.1 21.2 31.8

229 20.5 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: 0.430 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

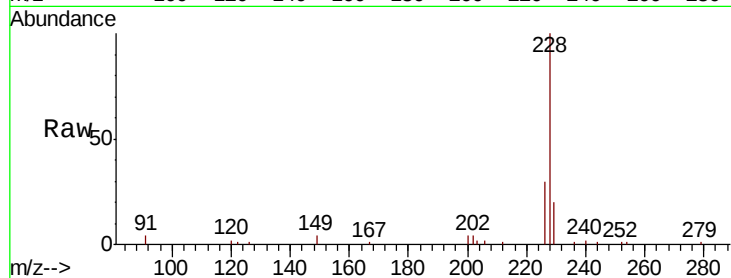
Tgt Ion:228 Resp: 30010

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

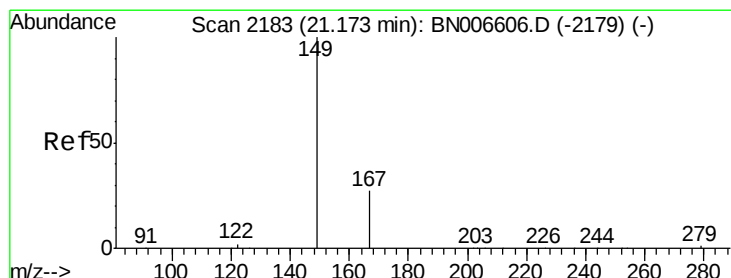
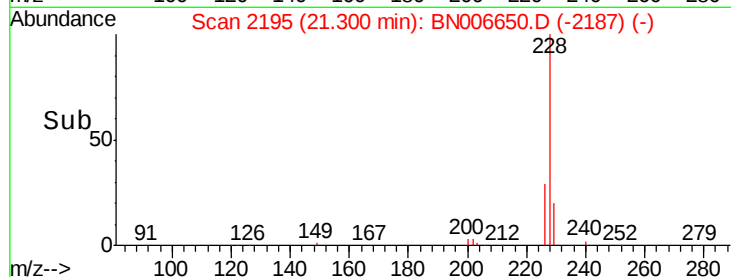
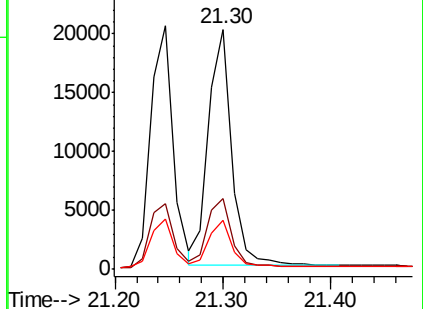
229 20.3 15.9 23.9



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: 0.764 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

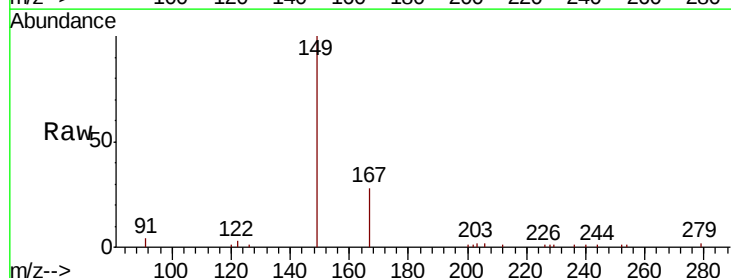
Tgt Ion:149 Resp: 24897

Ion Ratio Lower Upper

149 100

167 29.2 22.9 34.3

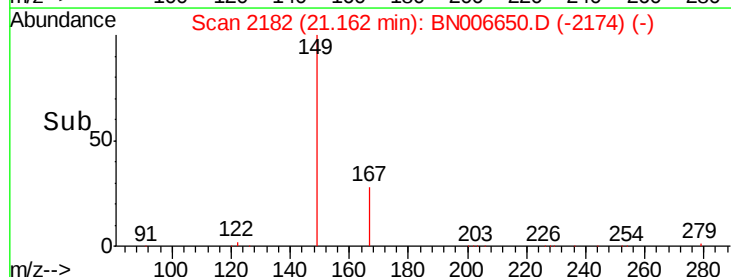
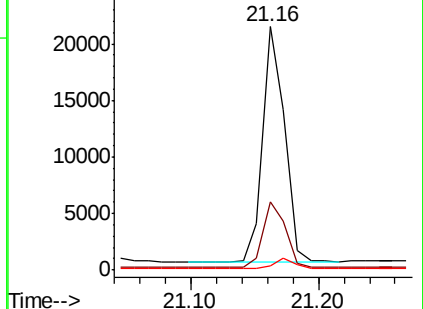
279 4.1 3.3 4.9

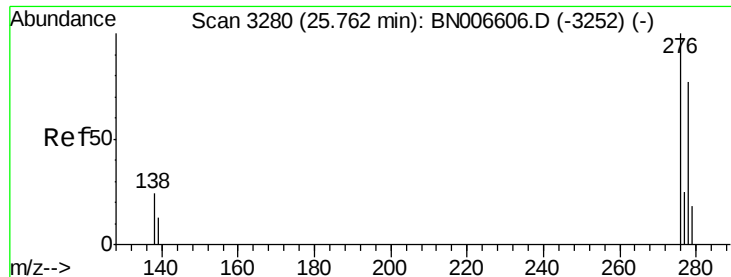


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.447 ng

RT: 25.74 min Scan# 3273

Delta R.T. -0.02 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

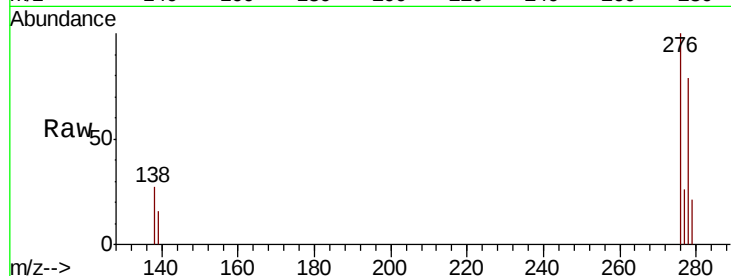
Tgt Ion:276 Resp: 31596

Ion Ratio Lower Upper

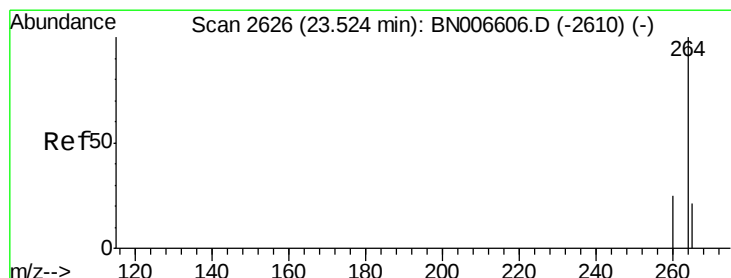
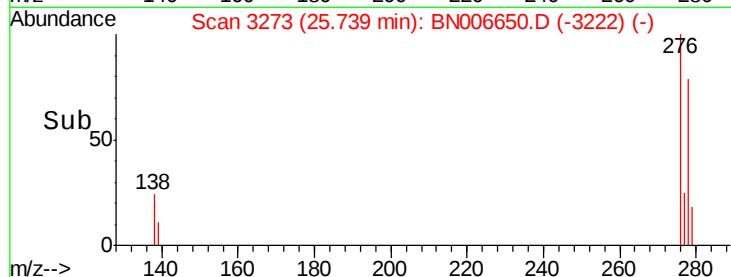
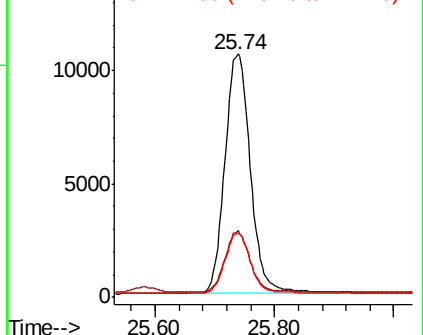
276 100

138 24.8 19.3 28.9

277 24.5 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: 23.50 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

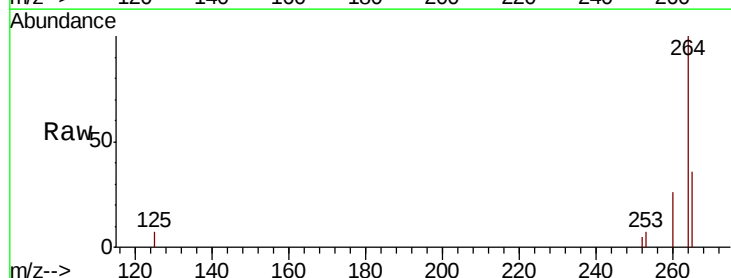
Tgt Ion:264 Resp: 19370

Ion Ratio Lower Upper

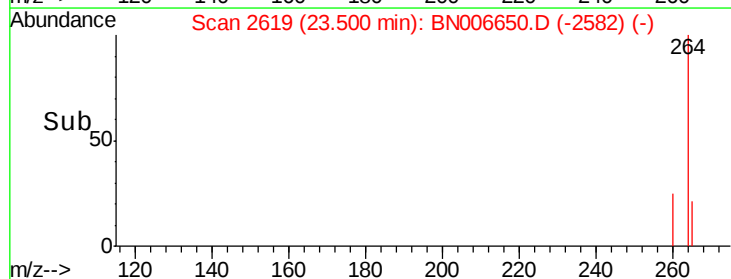
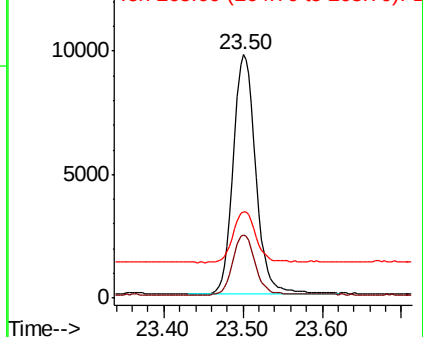
264 100

260 26.0 20.2 30.2

265 35.5 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

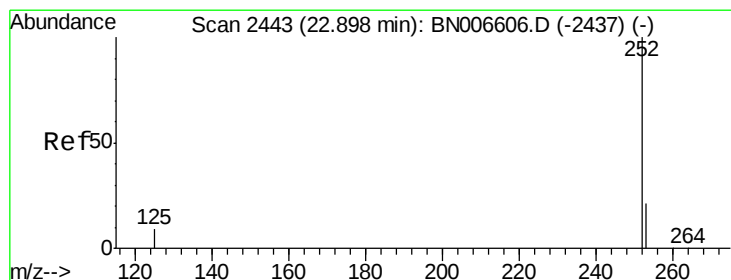
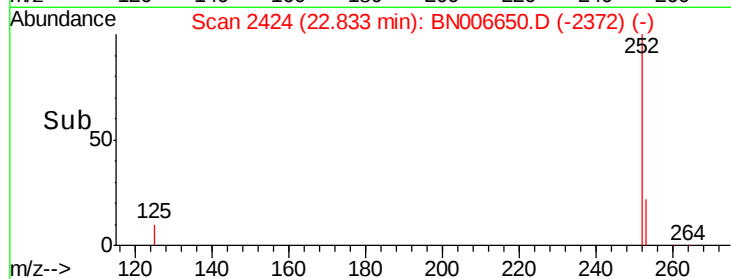
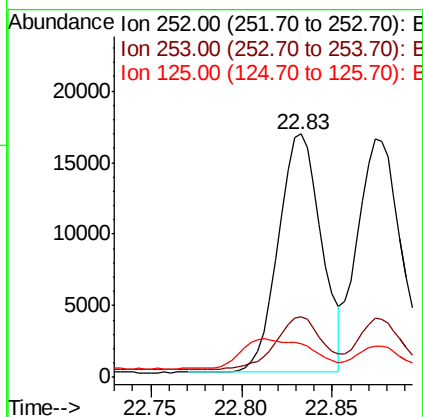
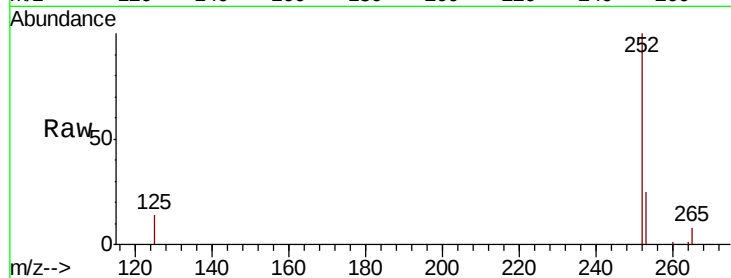




#35
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

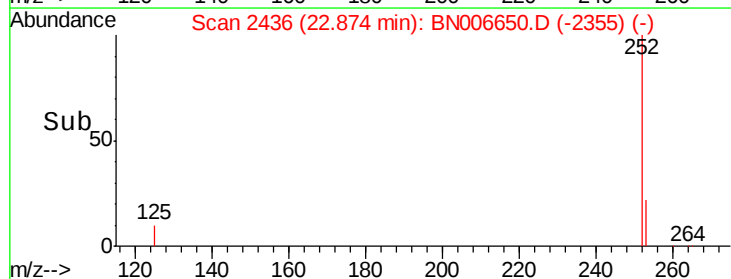
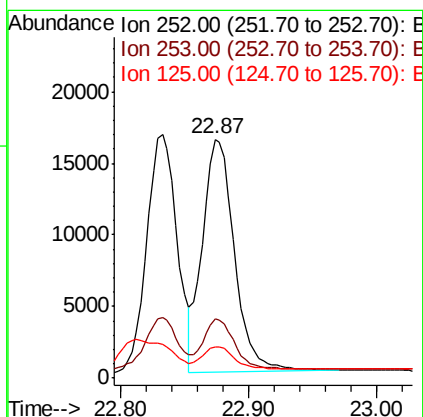
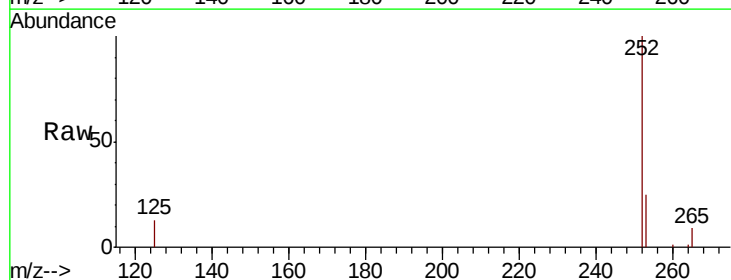
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 27498
Ion Ratio Lower Upper
252 100
253 24.8 18.4 27.6
125 13.7 8.7 13.1#



#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 22.87 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:252 Resp: 28142
Ion Ratio Lower Upper
252 100
253 24.7 18.3 27.5
125 13.2 8.4 12.6#





#37

Benzo(a)pyrene

Concen: 0.431 ng

RT: 23.40 min Scan# 2591

Delta R.T. -0.02 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

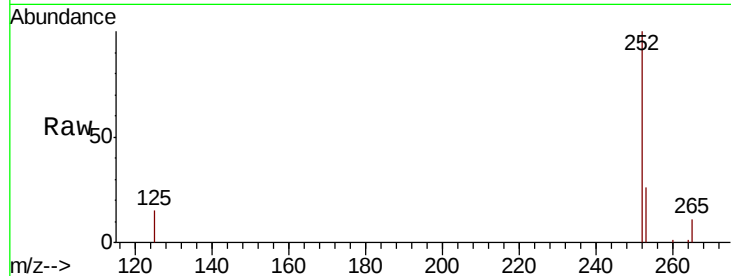
Tgt Ion:252 Resp: 26569

Ion Ratio Lower Upper

252 100

253 25.7 18.8 28.2

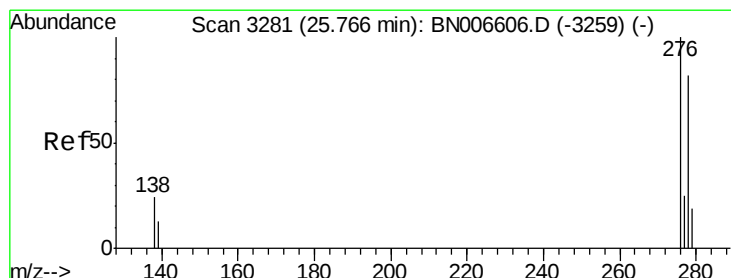
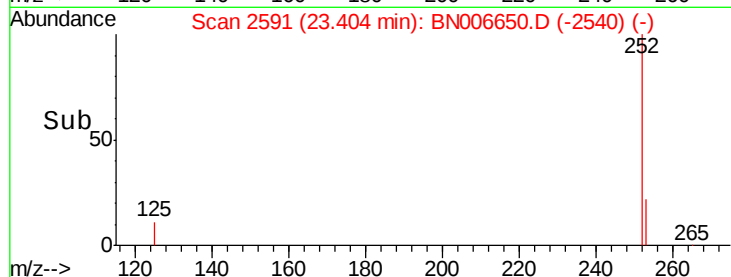
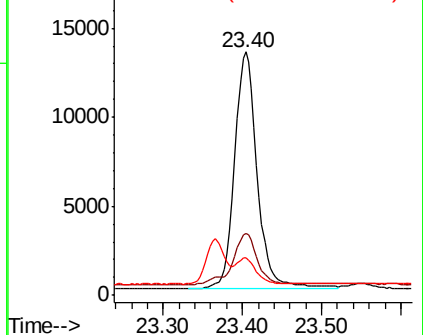
125 15.3 9.4 14.2#



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: 0.469 ng

RT: 25.74 min Scan# 3274

Delta R.T. -0.02 min

Lab File: BN006650.D

Acq: 29 Jun 2019 13:08

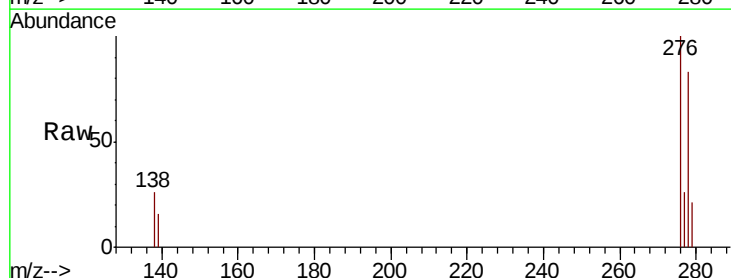
Tgt Ion:278 Resp: 25243

Ion Ratio Lower Upper

278 100

139 19.6 13.5 20.3

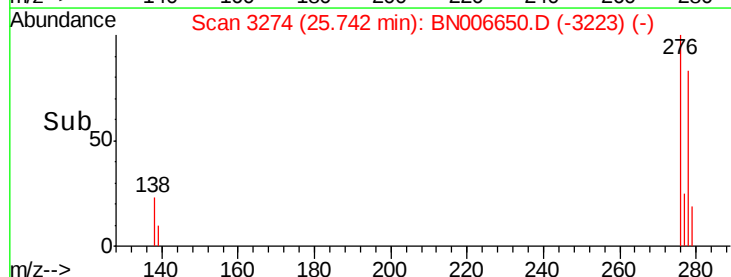
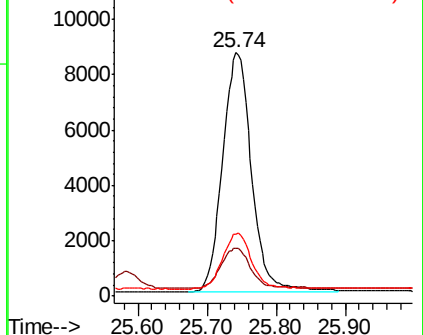
279 25.6 19.4 29.2



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: 0.482 ng

RT: 26.42 min Scan# 3473

Delta R.T. -0.02 min

Lab File: BN006650.D

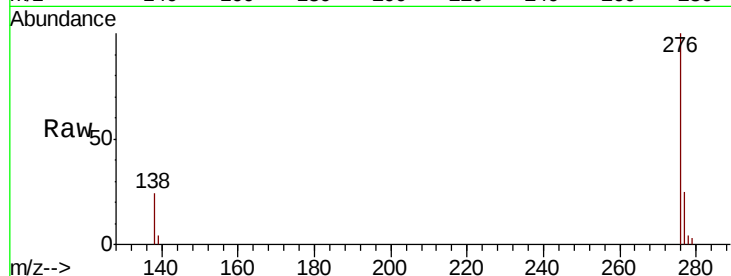
Acq: 29 Jun 2019 13:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



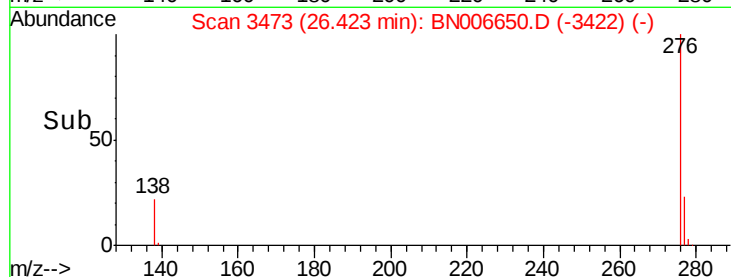
Tgt Ion: 276 Resp: 25896

Ion Ratio Lower Upper

276 100

277 25.1 19.6 29.4

138 23.8 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

