

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006639.D
 Acq On : 29 Jun 2019 06:48
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 01 08:14:29 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	4772	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	20934	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	13472	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	31365	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	29600	0.40	ng	-0.01
34) Perylene-d12	23.49	264	28788	0.40	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	4421	0.38	ng	0.00
5) Phenol-d6	6.83	99	6133	0.40	ng	0.00
8) Nitrobenzene-d5	8.79	82	5174	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	13627	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	2371	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	19924	0.40	ng	-0.01
25) Fluoranthene-d10	19.08	212	36332	0.39	ng	0.00
29) Terphenyl-d14	19.68	244	26597	0.43	ng	0.00

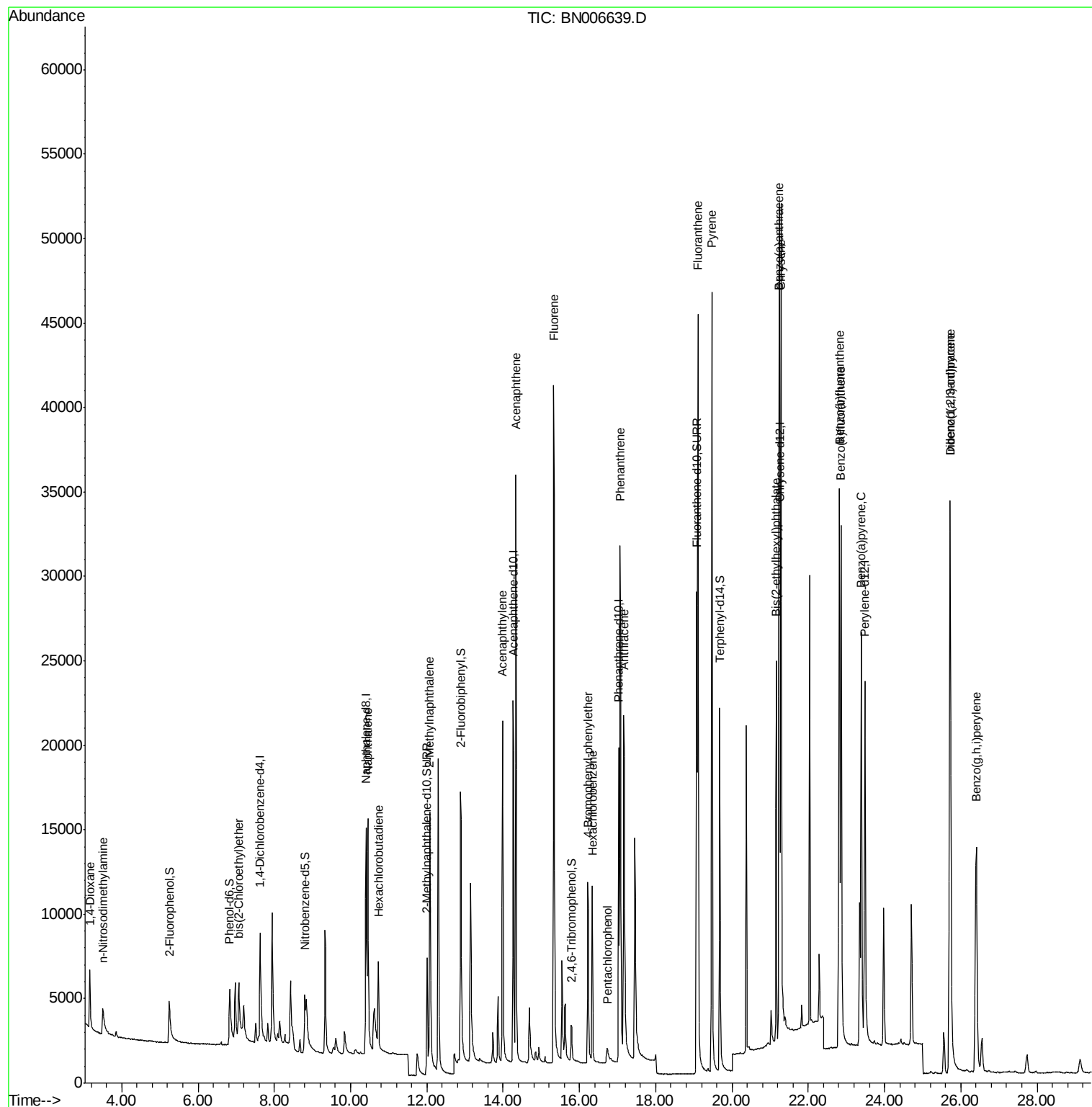
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	2520	0.382	ng	96
3) n-Nitrosodimethylamine	3.50	42	1783	0.344	ng	96
6) bis(2-Chloroethyl)ether	7.06	93	5671	0.410	ng	98
9) Naphthalene	10.45	128	22579	0.411	ng	99
10) Hexachlorobutadiene	10.73	225	4669	0.413	ng	# 100
12) 2-Methylnaphthalene	12.08	142	15816	0.416	ng	99
16) Acenaphthylene	13.99	152	25291	0.394	ng	100
17) Acenaphthene	14.33	154	17450	0.412	ng	99
18) Fluorene	15.32	166	21598	0.405	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	6868	0.395	ng	# 81
21) Hexachlorobenzene	16.34	284	9040	0.412	ng	99
22) Pentachlorophenol	16.73	266	1223	0.436	ng	94
23) Phenanthrene	17.07	178	35944	0.403	ng	100
24) Anthracene	17.16	178	29751	0.384	ng	100
26) Fluoranthene	19.11	202	43631	0.403	ng	100
28) Pyrene	19.47	202	44974	0.434	ng	99
30) Benzo(a)anthracene	21.24	228	39648	0.410	ng	99
31) Chrysene	21.29	228	42896	0.411	ng	99
32) Bis(2-ethylhexyl)phthalate	21.16	149	19643	0.403	ng	100
33) Indeno(1,2,3-cd)pyrene	25.72	276	39356	0.373	ng	99
35) Benzo(b)fluoranthene	22.82	252	41862	0.427	ng	100
36) Benzo(k)fluoranthene	22.86	252	45350	0.434	ng	100
37) Benzo(a)pyrene	23.39	252	38848	0.424	ng	99
38) Dibenzo(a,h)anthracene	25.72	278	31619	0.395	ng	100
39) Benzo(g,h,i)perylene	26.41	276	31182	0.391	ng	99

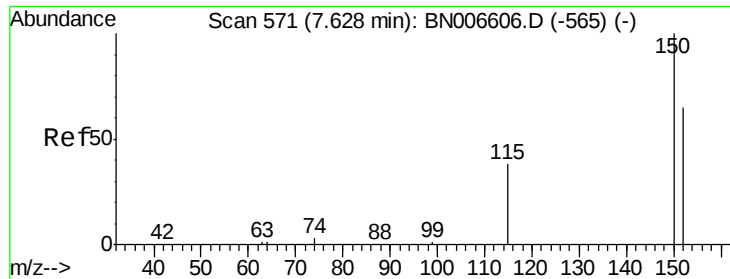
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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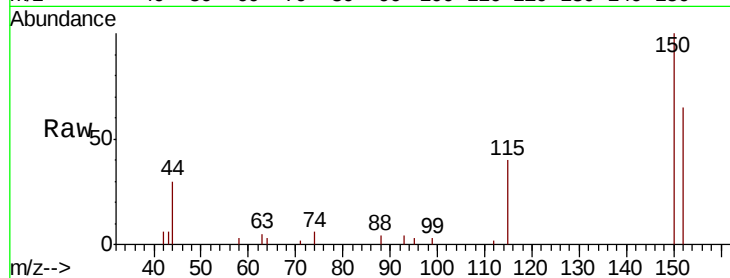


#1

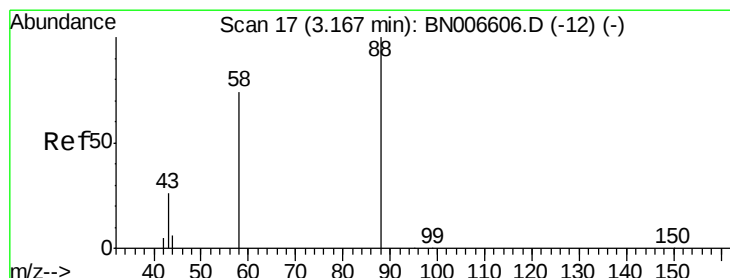
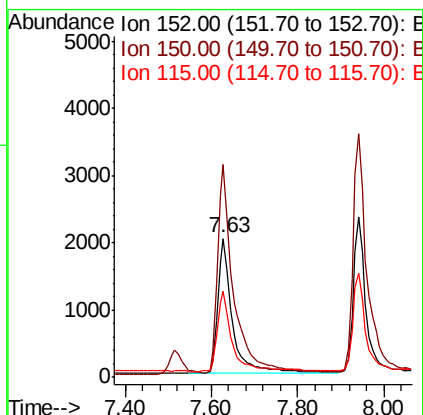
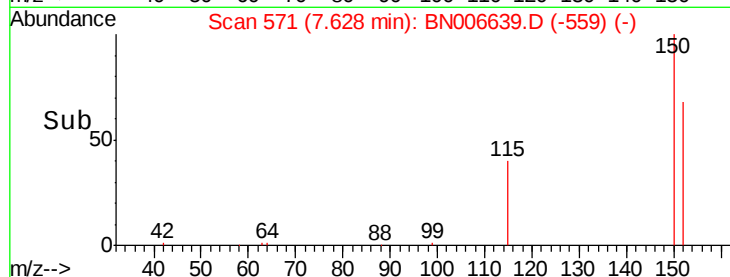
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006639.D
Acq: 29 Jun 2019 06:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 4772
Ion Ratio Lower Upper
152 100
150 153.1 122.2 183.2
115 61.6 50.0 75.0



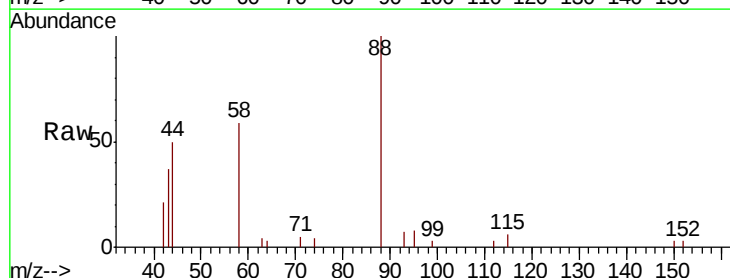
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



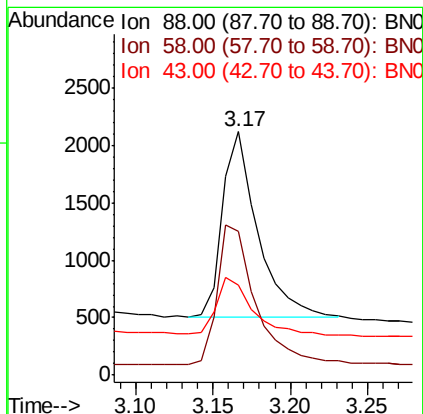
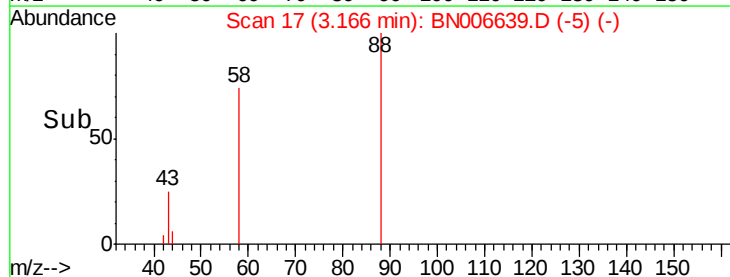
#2

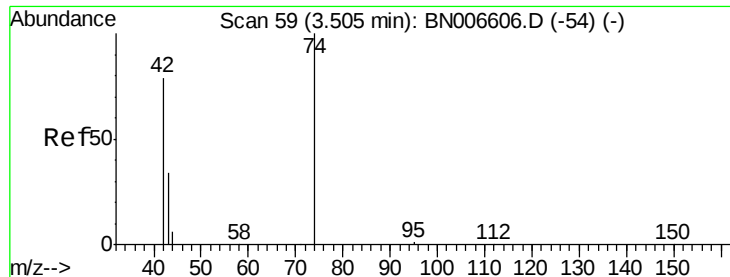
1,4-Dioxane
Concen: 0.382 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006639.D
Acq: 29 Jun 2019 06:48

Tgt Ion: 88 Resp: 2520
Ion Ratio Lower Upper
88 100
58 83.3 62.5 93.7
43 31.7 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: 0.344 ng

RT: 3.50 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

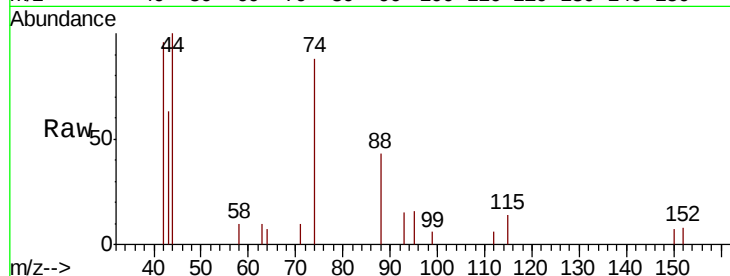
Tgt Ion: 42 Resp: 1783

Ion Ratio Lower Upper

42 100

74 124.0 103.1 154.7

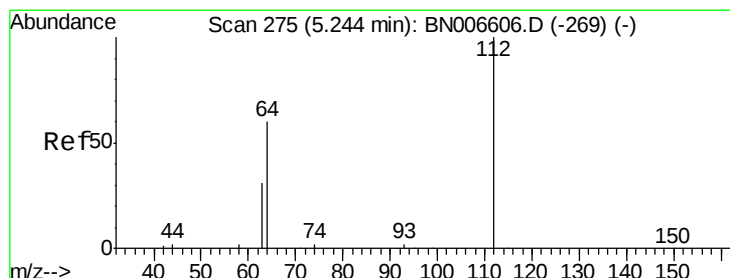
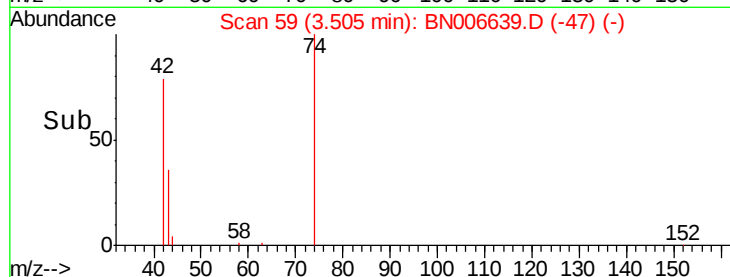
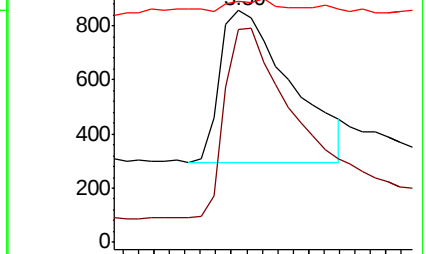
44 4.8 3.4 5.2



Abundance Ion 42.00 (41.70 to 42.70): BN006639.D (-47) (-)

Ion 74.00 (73.70 to 74.70): BN006639.D (-47) (-)

Ion 44.00 (43.70 to 44.70): BN006639.D (-47) (-)



#4

2-Fluorophenol

Concen: 0.378 ng

RT: 5.24 min Scan# 275

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

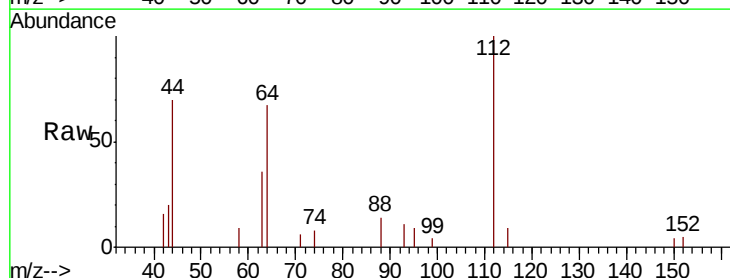
Tgt Ion: 112 Resp: 4421

Ion Ratio Lower Upper

112 100

64 62.6 48.9 73.3

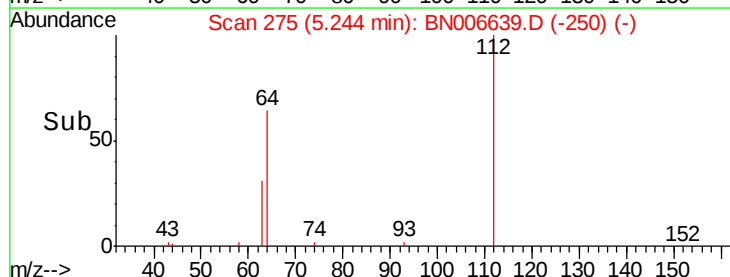
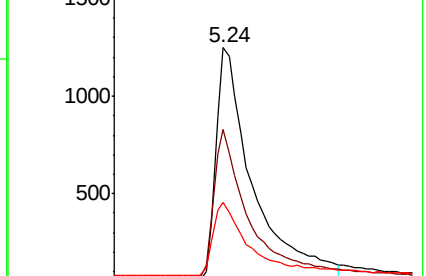
63 31.5 24.3 36.5

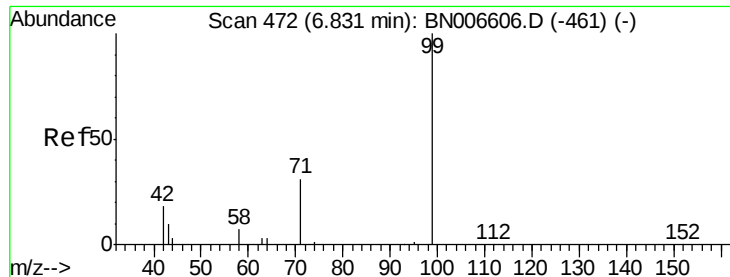


Abundance Ion 112.00 (111.70 to 112.70): BN006639.D (-250) (-)

Ion 64.00 (63.70 to 64.70): BN006639.D (-250) (-)

Ion 63.00 (62.70 to 63.70): BN006639.D (-250) (-)





#5

Phenol-d6

Concen: 0.396 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

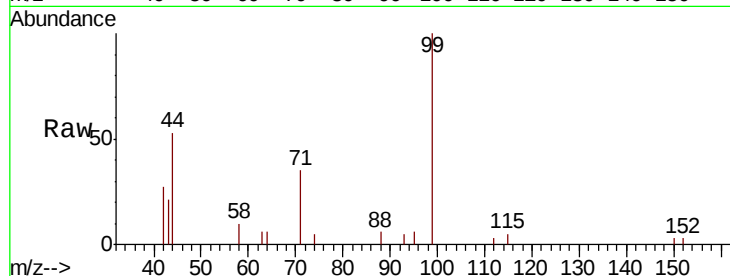
Tgt Ion: 99 Resp: 6133

Ion Ratio Lower Upper

99 100

42 20.8 16.4 24.6

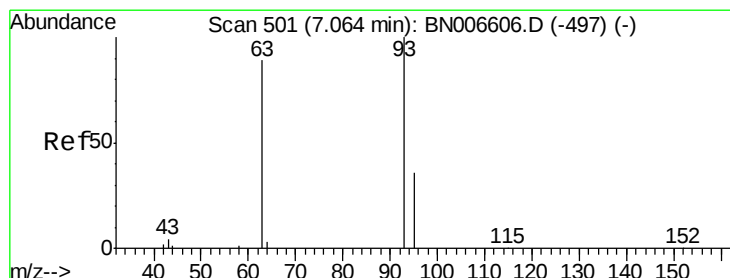
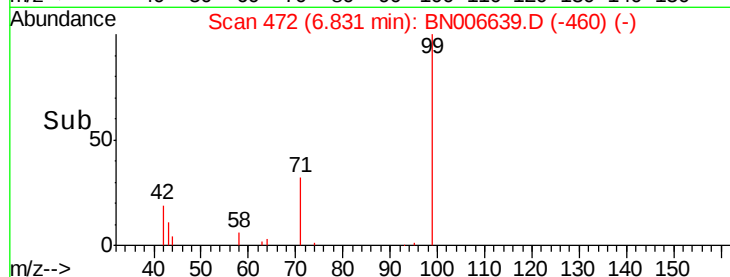
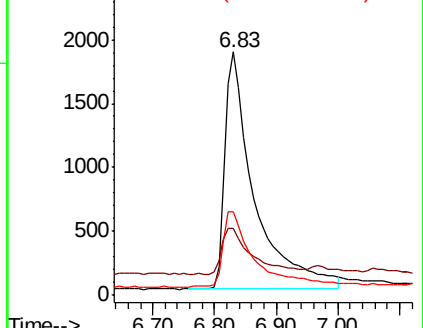
71 33.8 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006639.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006639.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006639.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.410 ng

RT: 7.06 min Scan# 501

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

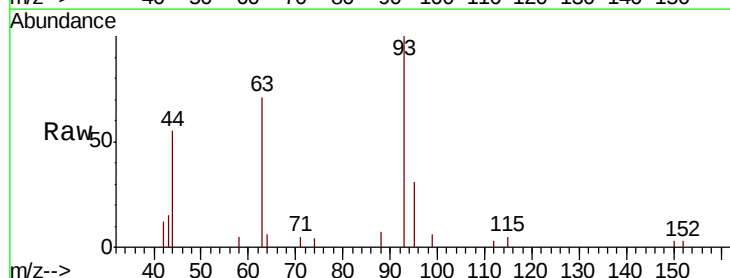
Tgt Ion: 93 Resp: 5671

Ion Ratio Lower Upper

93 100

63 63.6 52.5 78.7

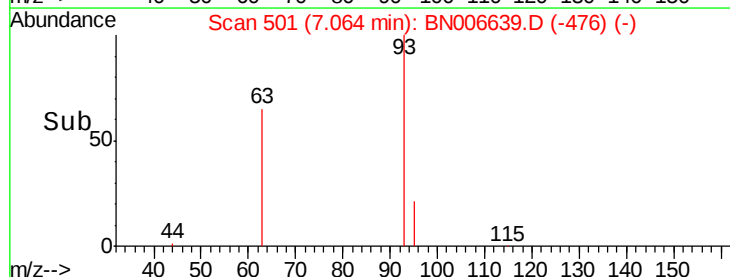
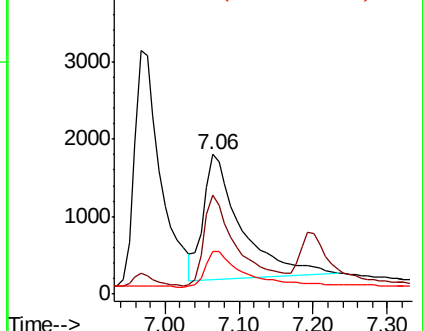
95 30.2 24.2 36.4

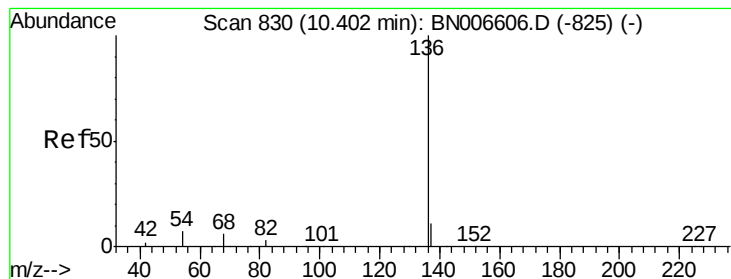


Abundance Ion 93.00 (92.70 to 93.70): BN006639.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006639.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006639.D (-476) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 20934

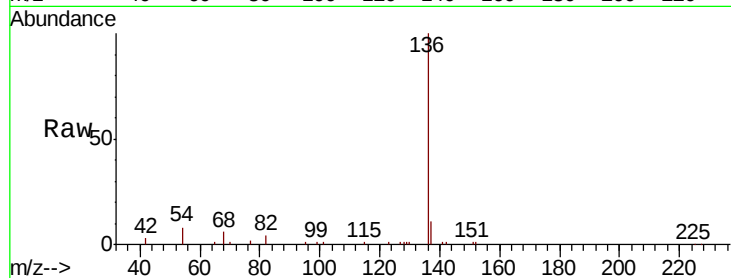
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.8 6.7 10.1

68 6.2 5.3 7.9

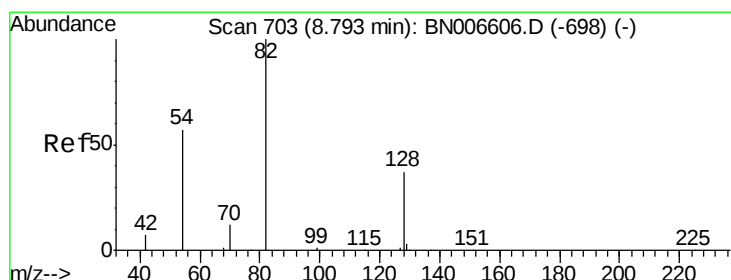
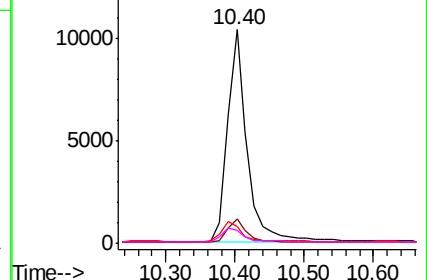
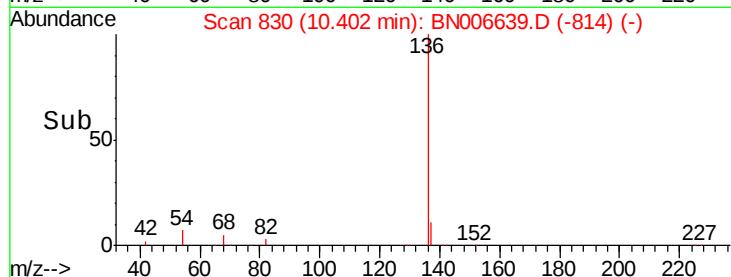


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

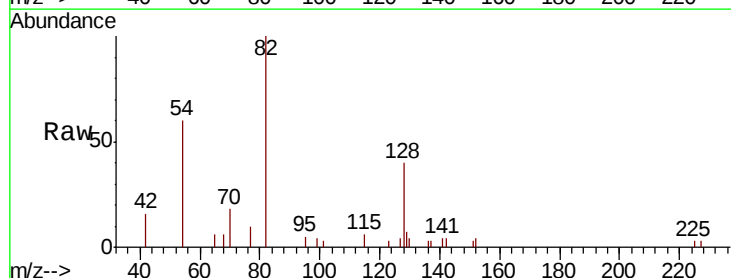
Tgt Ion: 82 Resp: 5174

Ion Ratio Lower Upper

82 100

128 40.2 32.6 49.0

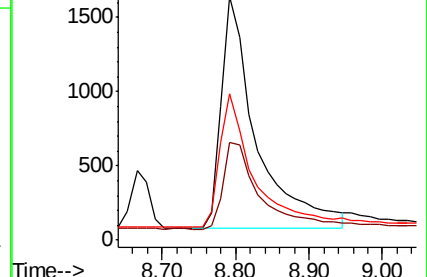
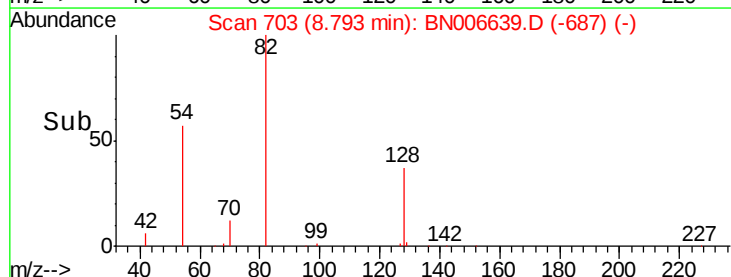
54 59.9 48.2 72.4

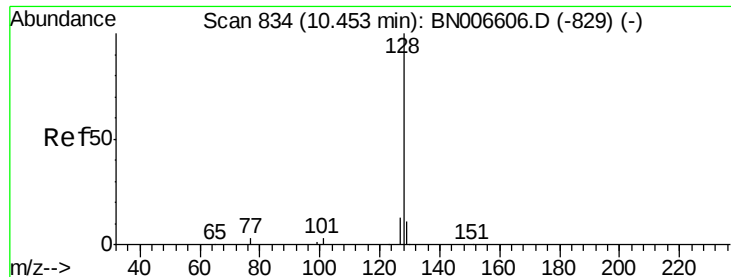


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.411 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

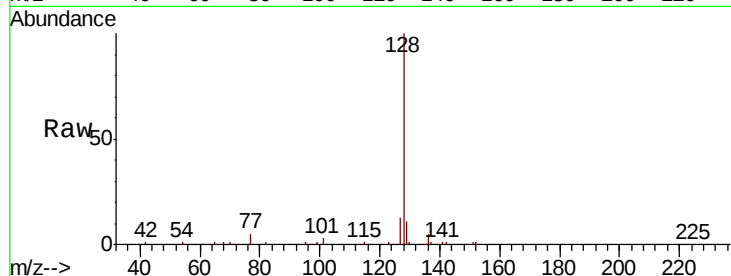
Tgt Ion:128 Resp: 22579

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

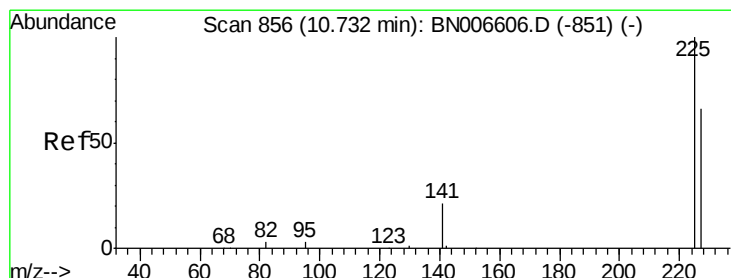
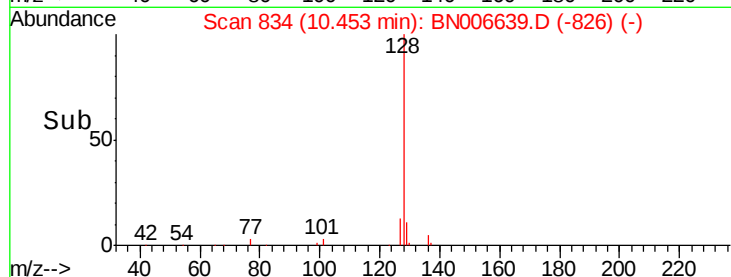
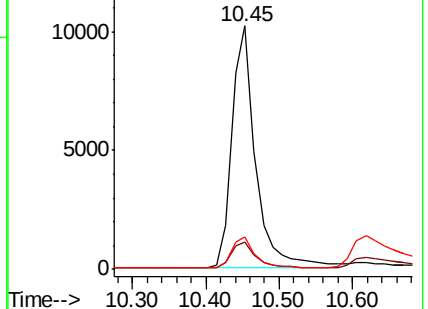
127 13.1 10.8 16.2



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: 0.413 ng

RT: 10.73 min Scan# 856

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

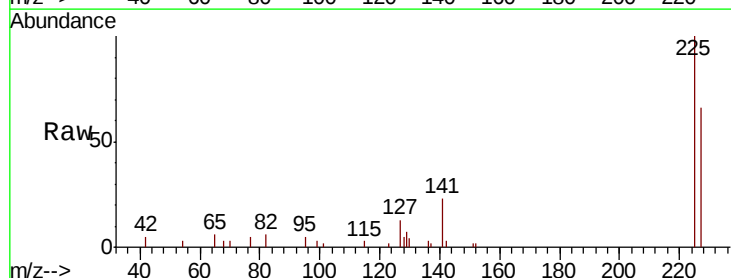
Tgt Ion:225 Resp: 4669

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

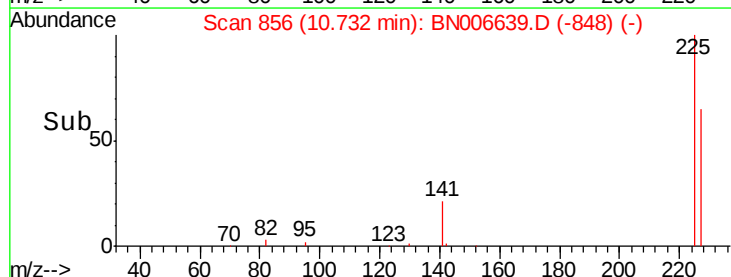
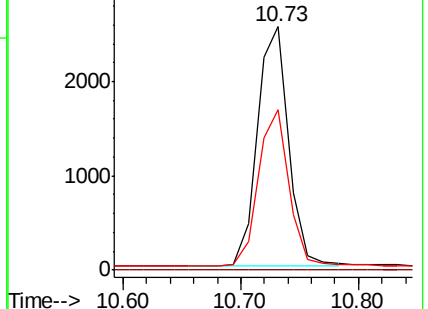
227 64.1 51.4 77.2

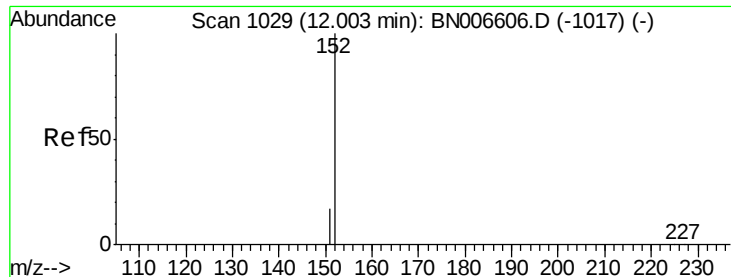


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

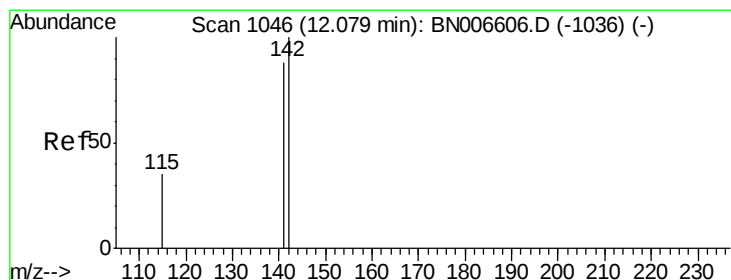
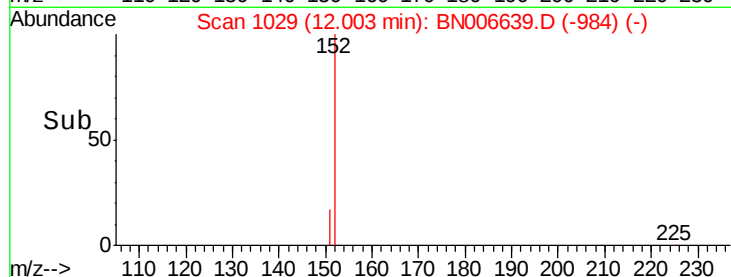
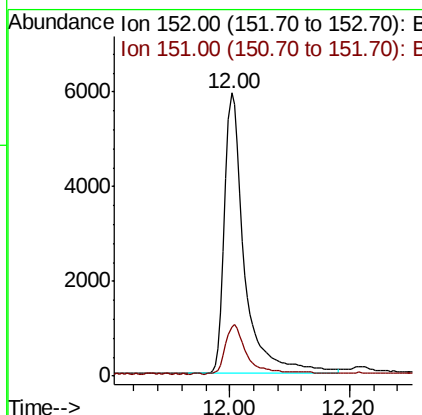
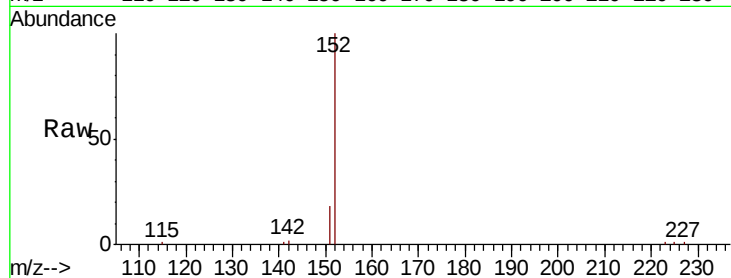




#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.00 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN006639.D
Acq: 29 Jun 2019 06:48

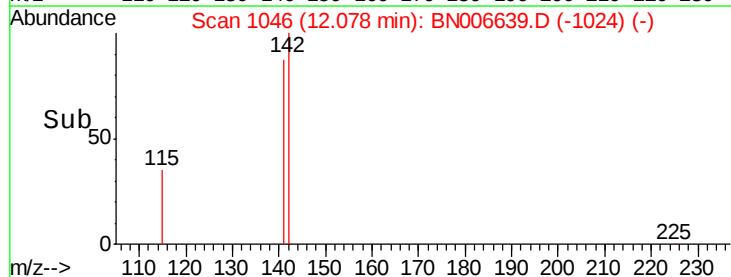
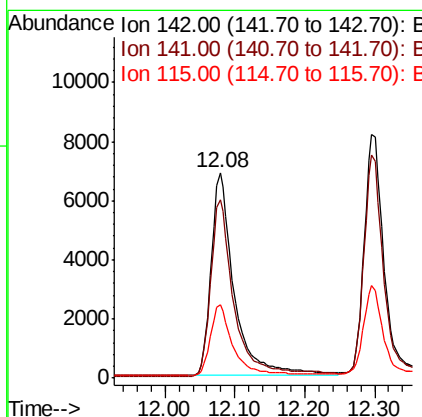
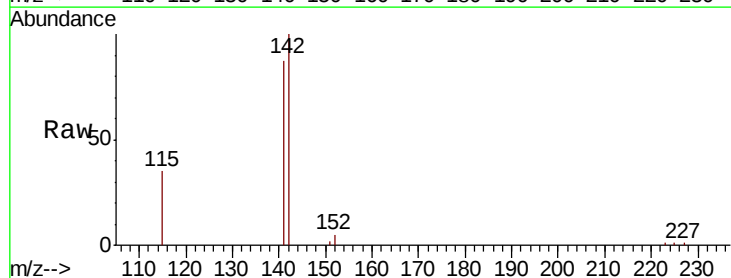
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 13627
Ion Ratio Lower Upper
152 100
151 19.0 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.416 ng
RT: 12.08 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN006639.D
Acq: 29 Jun 2019 06:48

Tgt Ion:142 Resp: 15816
Ion Ratio Lower Upper
142 100
141 86.6 70.2 105.4
115 35.4 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: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampled :

SSTDCCC0.4

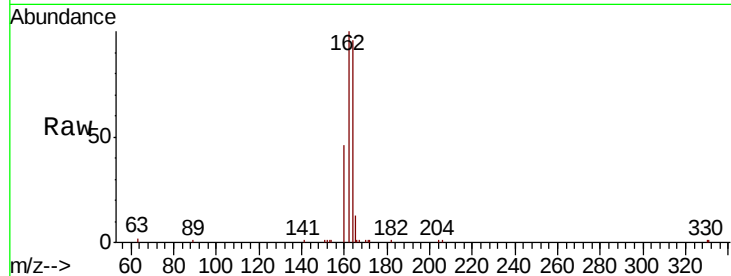
Tgt Ion:164 Resp: 13472

Ion Ratio Lower Upper

164 100

162 104.5 80.0 120.0

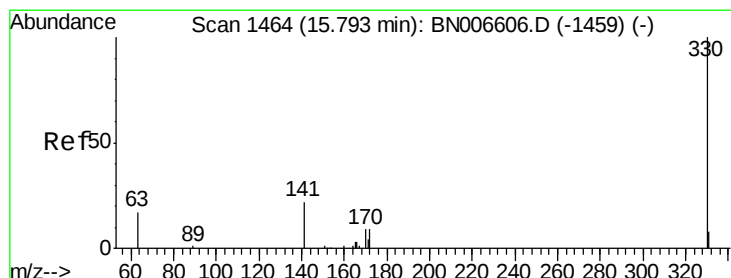
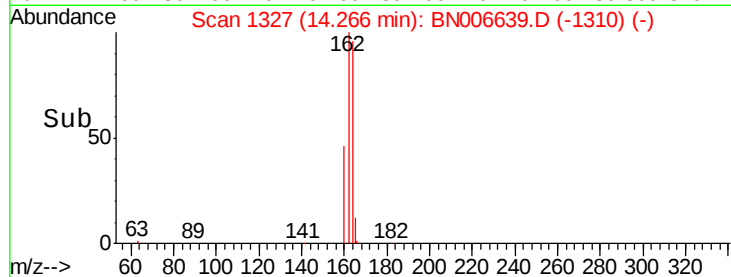
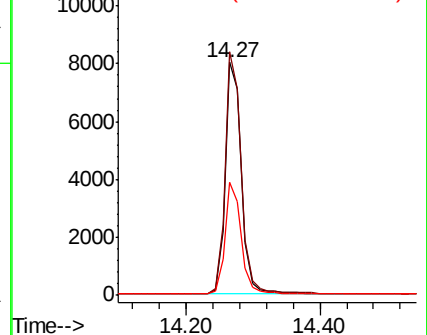
160 48.4 37.0 55.4



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: 0.374 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

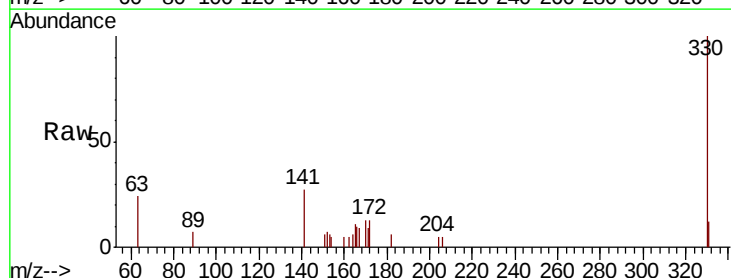
Tgt Ion:330 Resp: 2371

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

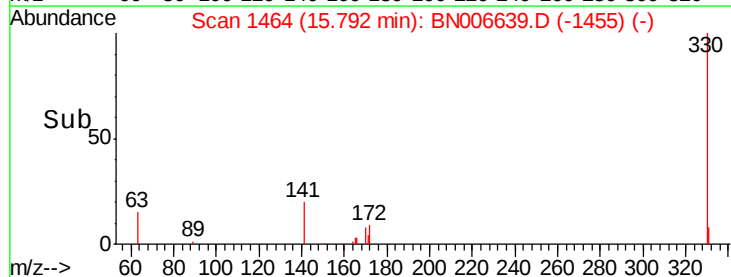
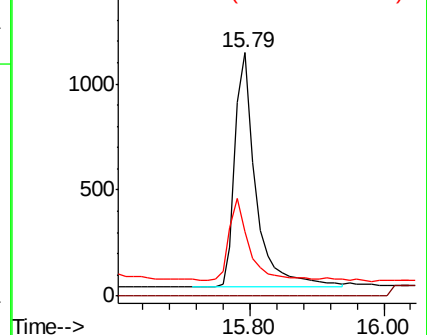
141 33.2 26.5 39.7



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

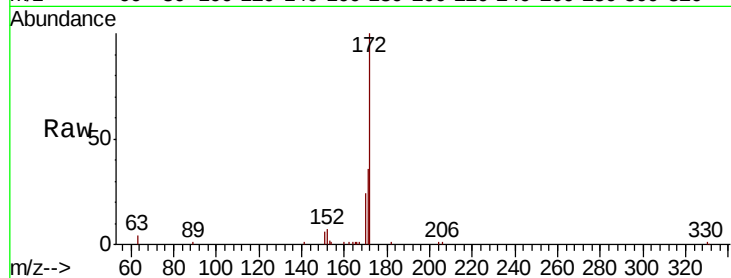




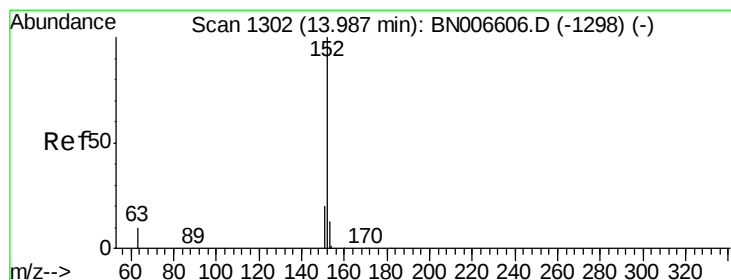
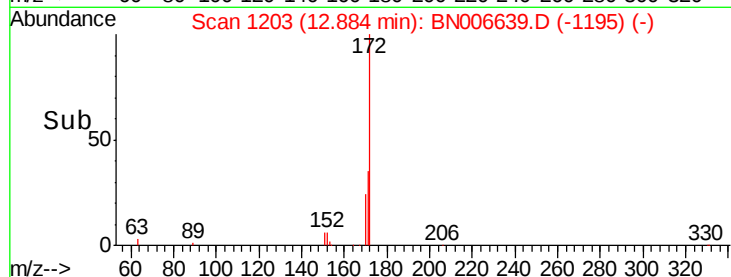
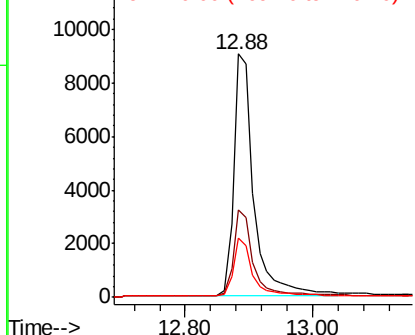
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006639.D
Acq: 29 Jun 2019 06:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 19924
Ion Ratio Lower Upper
172 100
171 35.8 27.0 40.4
170 24.2 17.7 26.5

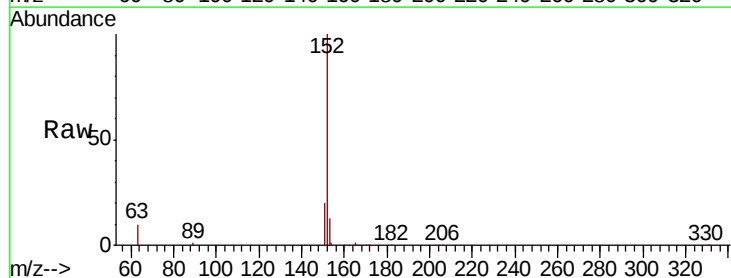


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

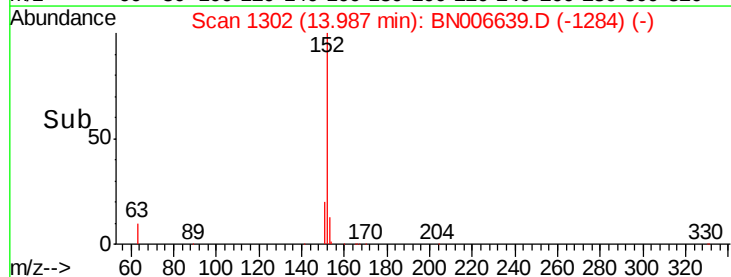
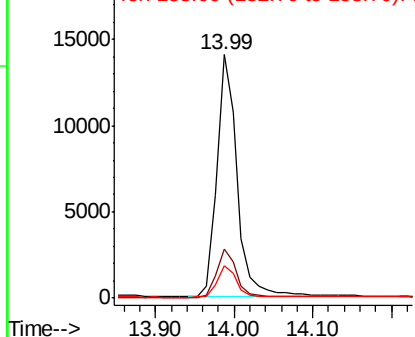


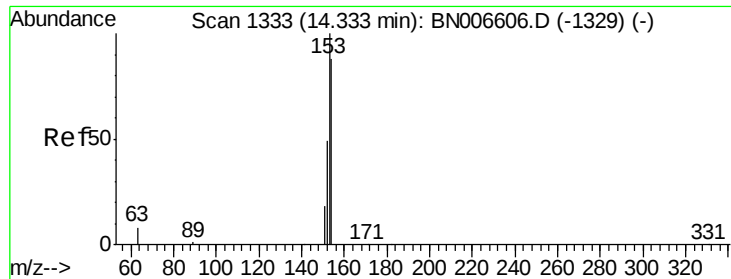
#16
Acenaphthylene
Concen: 0.394 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006639.D
Acq: 29 Jun 2019 06:48

Tgt Ion:152 Resp: 25291
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.412 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

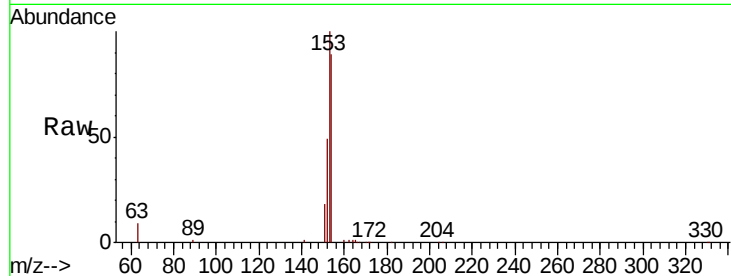
Tgt Ion:154 Resp: 17450

Ion Ratio Lower Upper

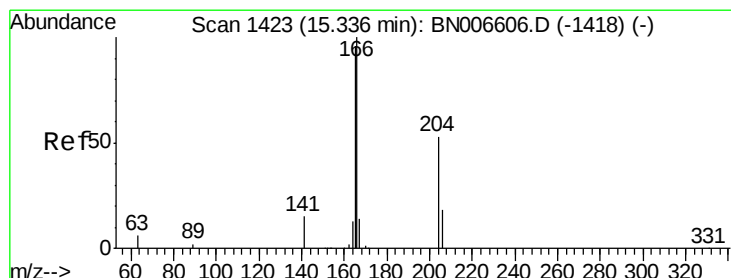
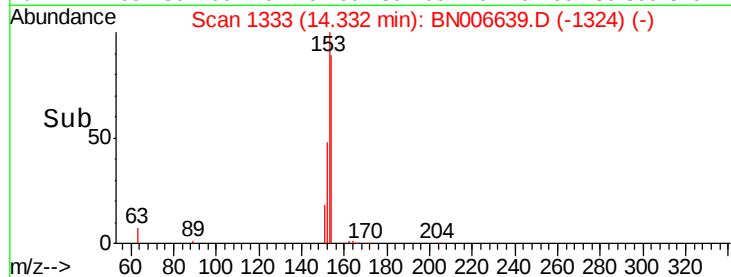
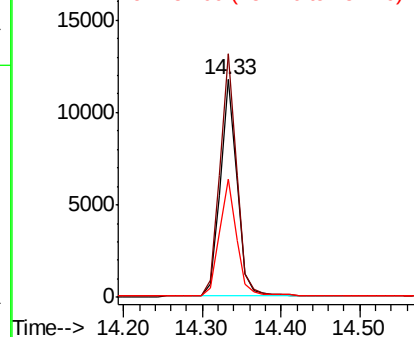
154 100

153 112.3 90.2 135.4

152 54.4 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: 0.405 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

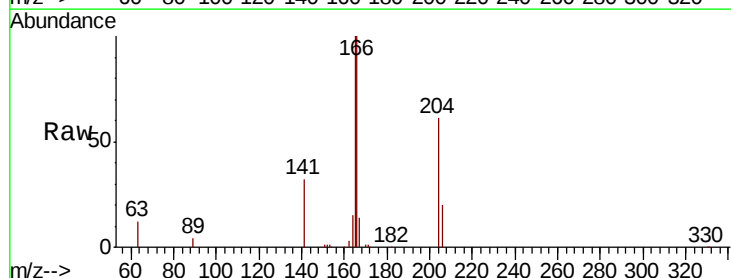
Tgt Ion:166 Resp: 21598

Ion Ratio Lower Upper

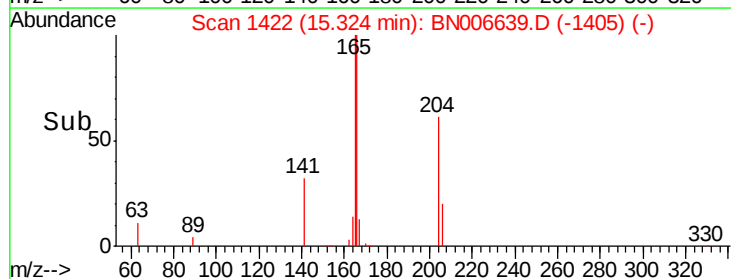
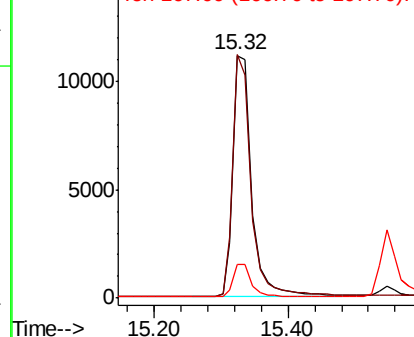
166 100

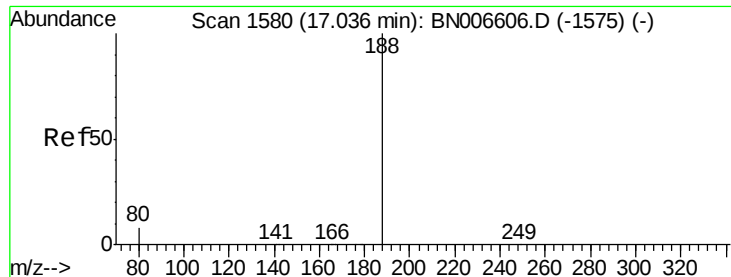
165 97.3 78.4 117.6

167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

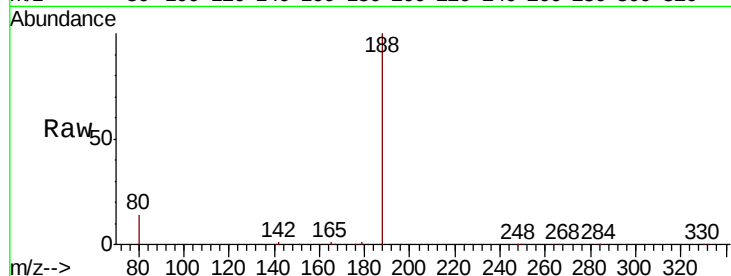
Tgt Ion:188 Resp: 31365

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

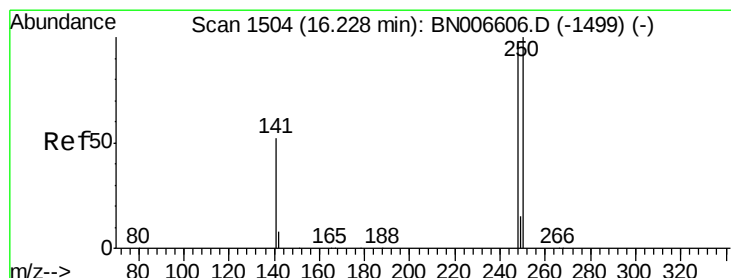
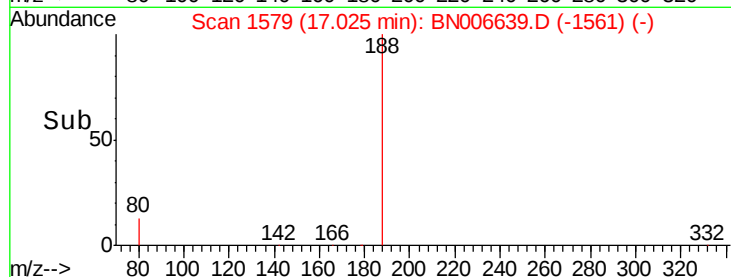
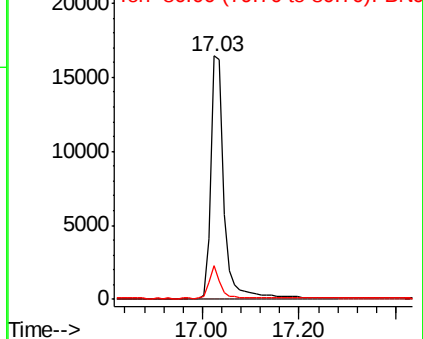
80 13.6 7.1 10.7#



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: 0.395 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

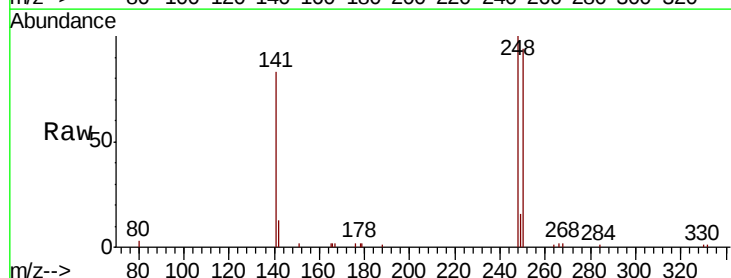
Tgt Ion:248 Resp: 6868

Ion Ratio Lower Upper

248 100

250 93.5 82.2 123.4

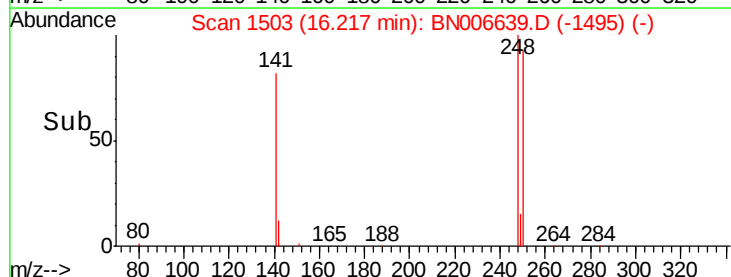
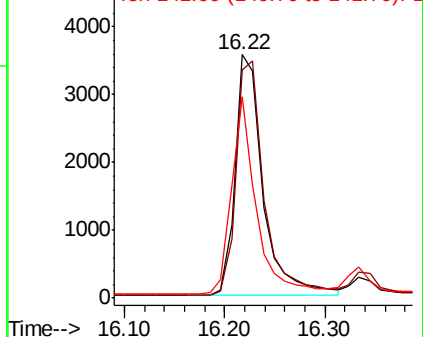
141 82.7 43.8 65.8#

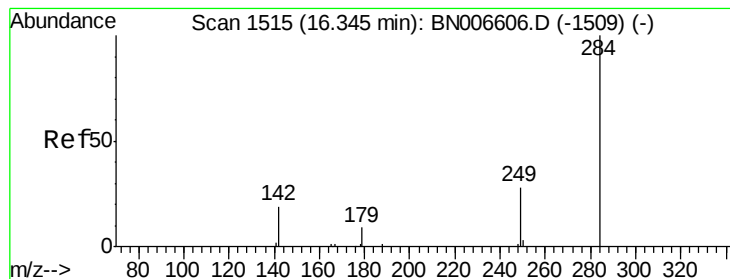


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.412 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

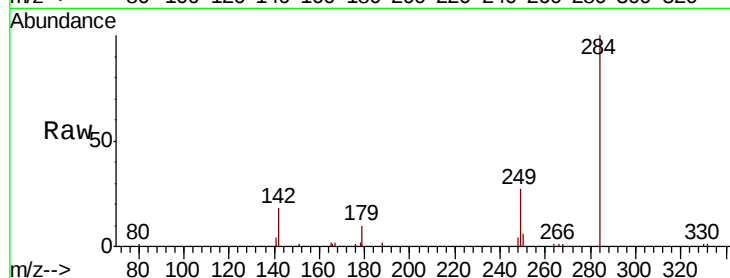
Tgt Ion:284 Resp: 9040

Ion Ratio Lower Upper

284 100

142 34.3 27.5 41.3

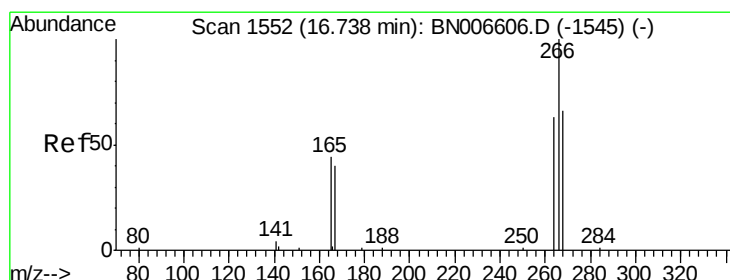
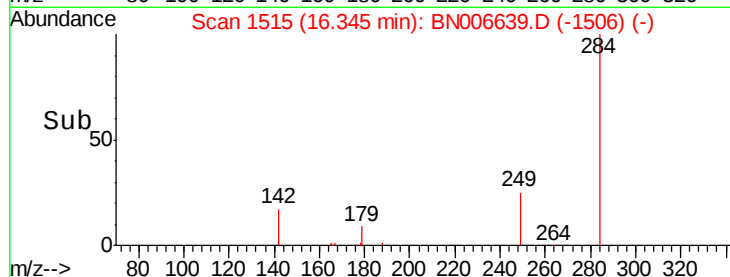
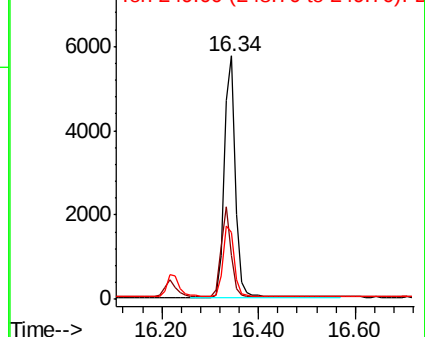
249 30.2 24.7 37.1



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: 0.436 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

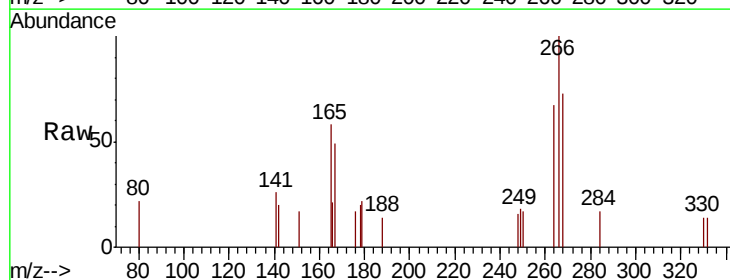
Tgt Ion:266 Resp: 1223

Ion Ratio Lower Upper

266 100

264 66.7 56.2 84.4

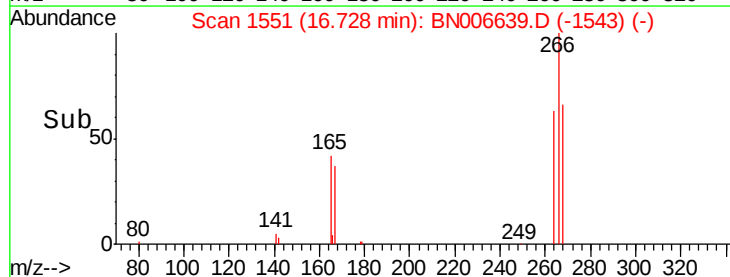
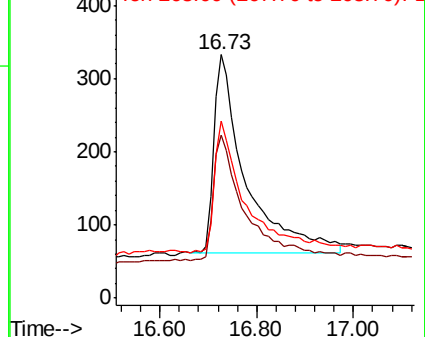
268 72.7 63.0 94.4

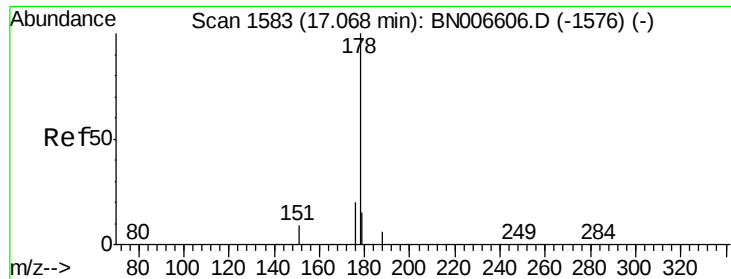


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

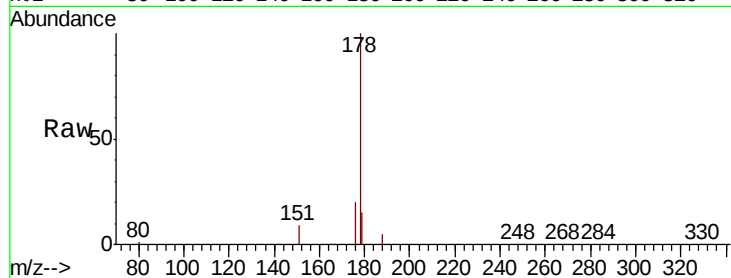
Tgt Ion:178 Resp: 35944

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

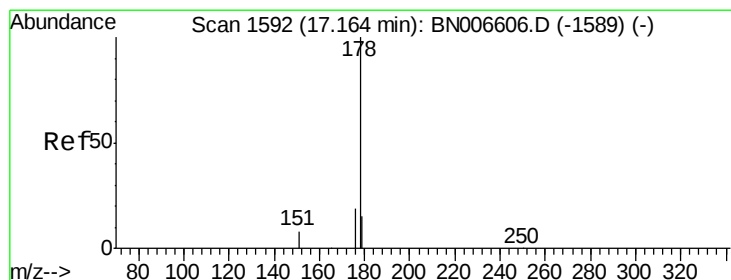
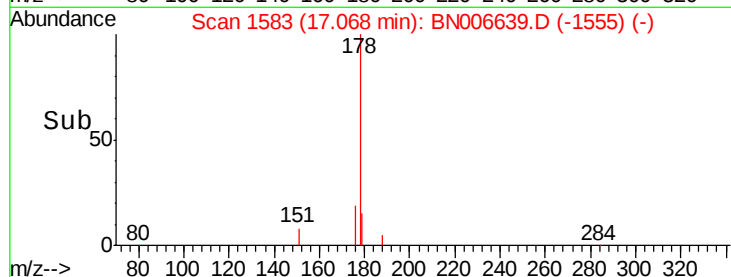
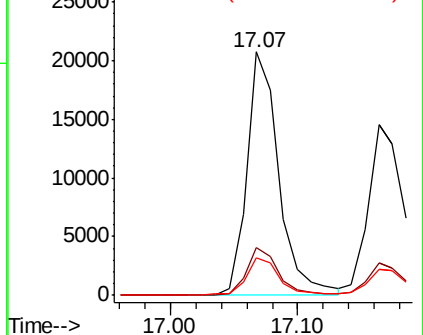
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.384 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

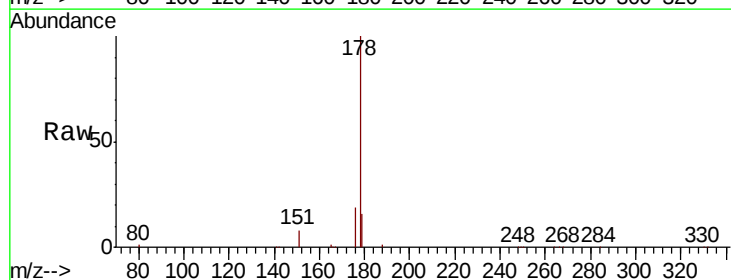
Tgt Ion:178 Resp: 29751

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

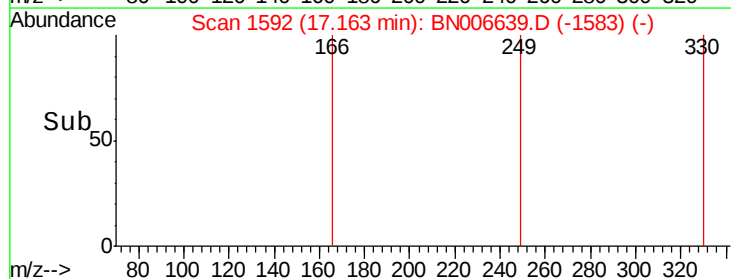
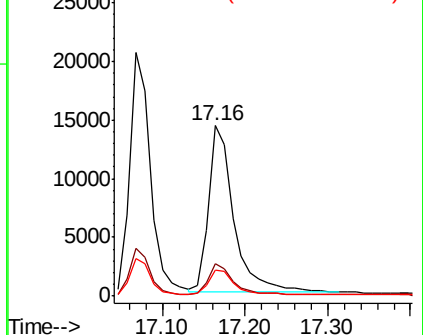
179 15.1 12.2 18.2

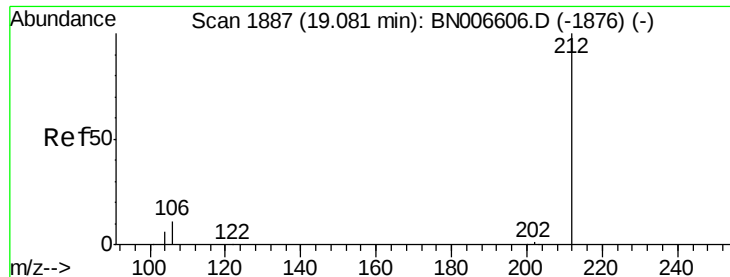


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

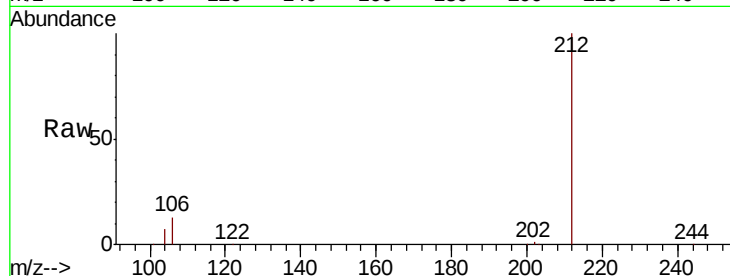
Tgt Ion:212 Resp: 36332

Ion Ratio Lower Upper

212 100

106 13.6 10.6 15.8

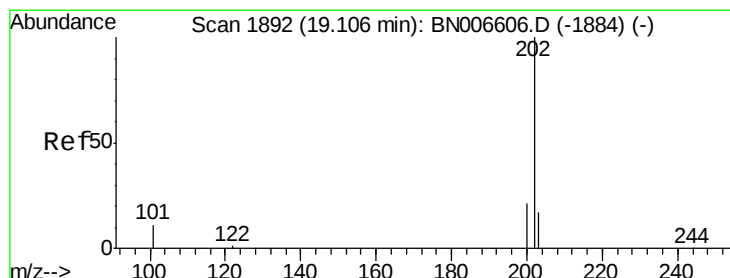
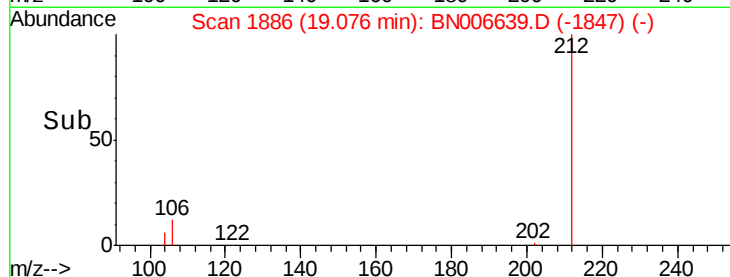
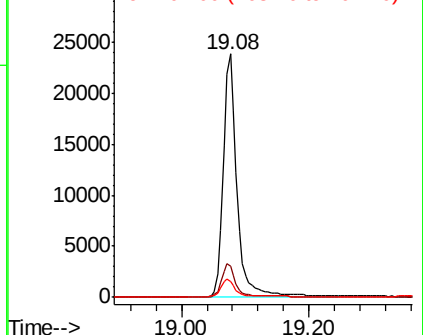
104 7.3 5.8 8.6



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: 0.403 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

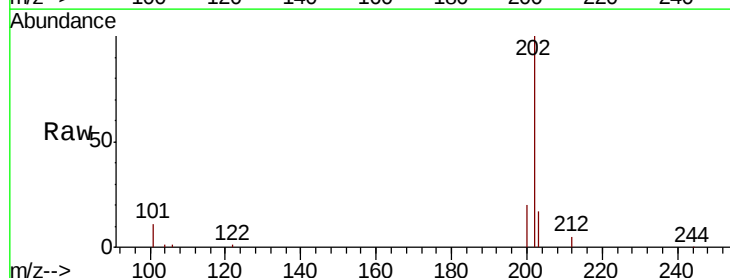
Tgt Ion:202 Resp: 43631

Ion Ratio Lower Upper

202 100

101 11.2 8.9 13.3

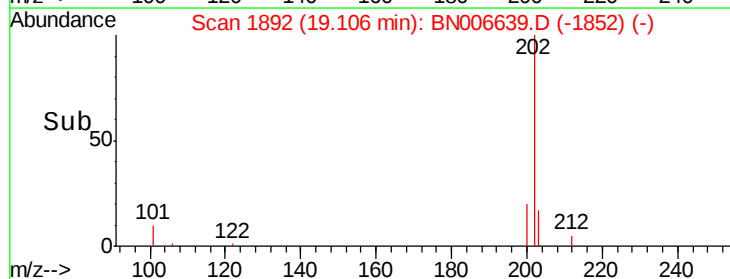
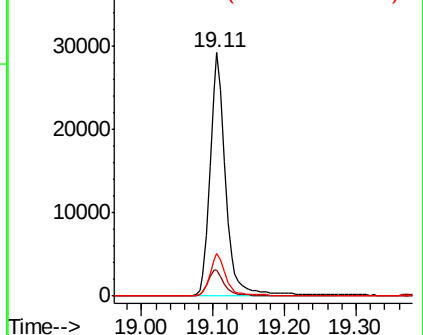
203 17.0 13.6 20.4

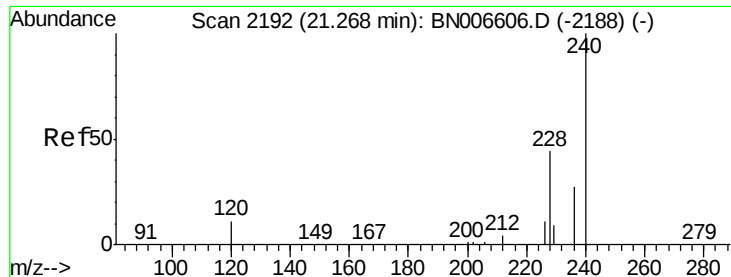


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

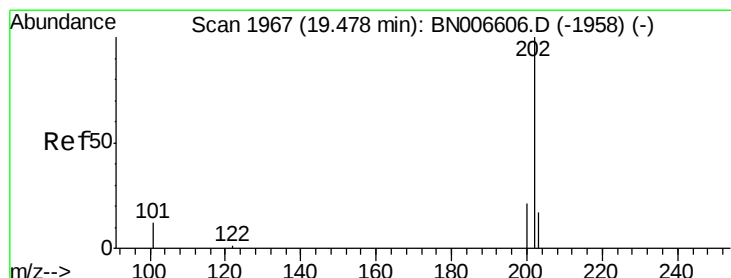
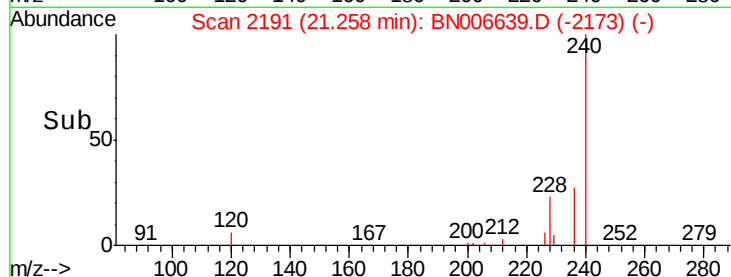
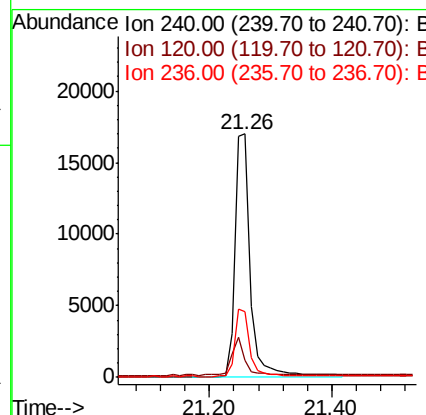
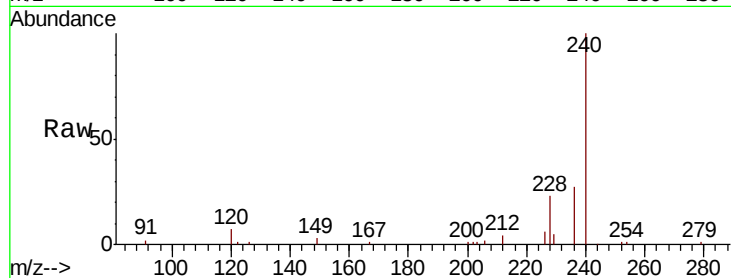




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006639.D
Acq: 29 Jun 2019 06:48

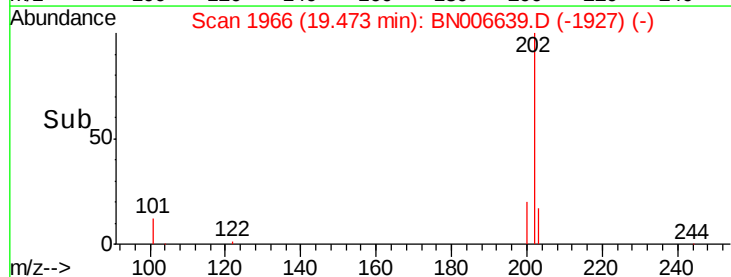
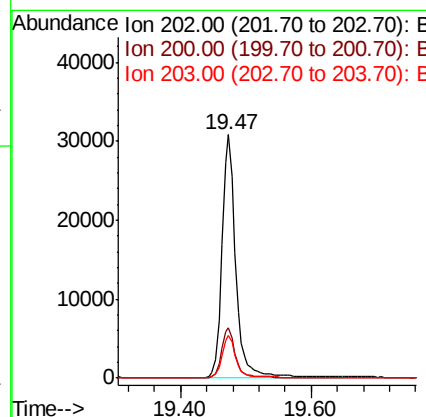
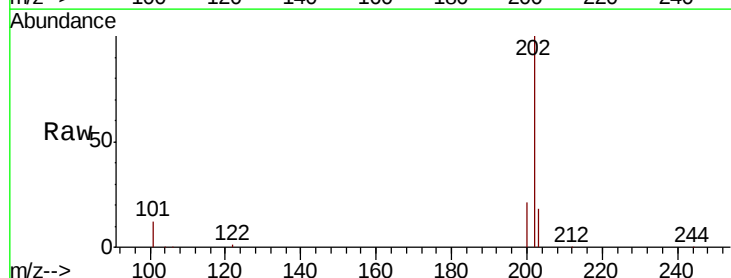
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

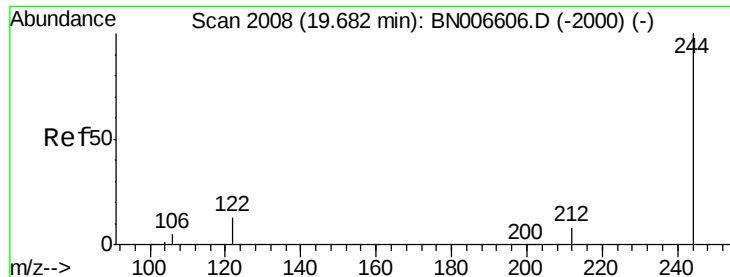
Tgt Ion:240 Resp: 29600
Ion Ratio Lower Upper
240 100
120 7.1 9.9 14.9#
236 26.9 22.2 33.4



#28
Pyrene
Concen: 0.434 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN006639.D
Acq: 29 Jun 2019 06:48

Tgt Ion:202 Resp: 44974
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.3 14.1 21.1





#29

Terphenyl-d14

Concen: 0.429 ng

RT: 19.68 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

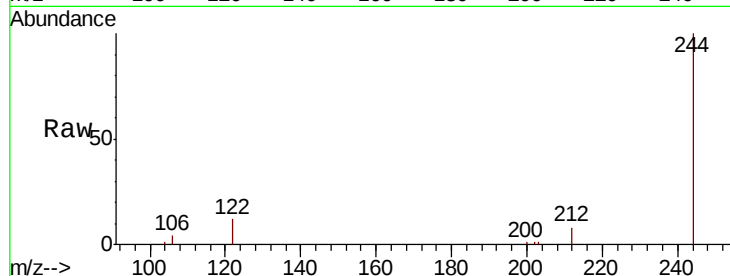
Tgt Ion:244 Resp: 26597

Ion Ratio Lower Upper

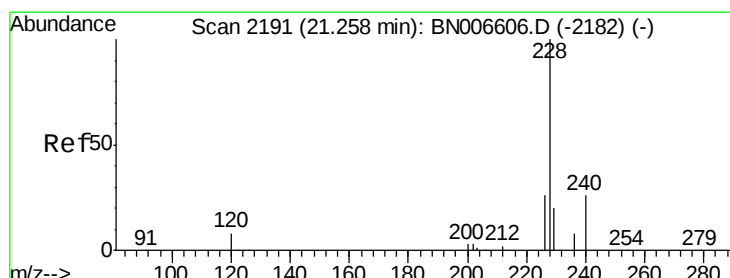
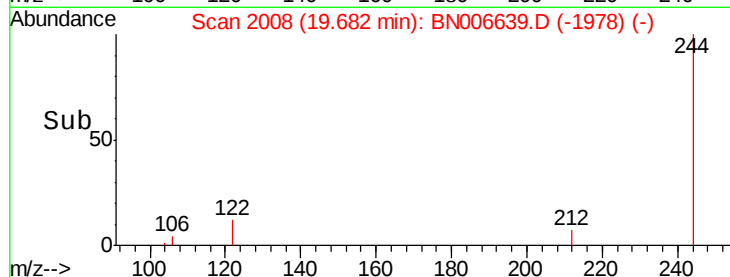
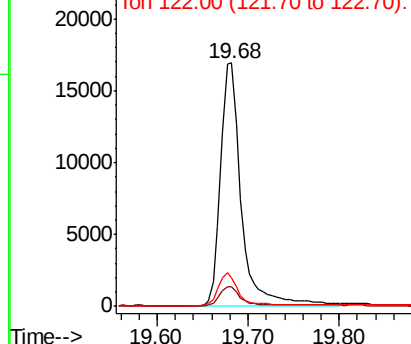
244 100

212 7.9 6.7 10.1

122 11.9 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: 0.410 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

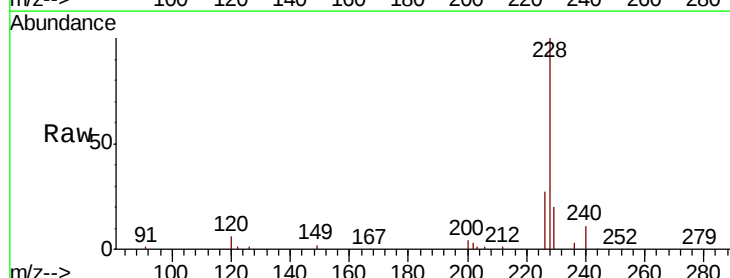
Tgt Ion:228 Resp: 39648

Ion Ratio Lower Upper

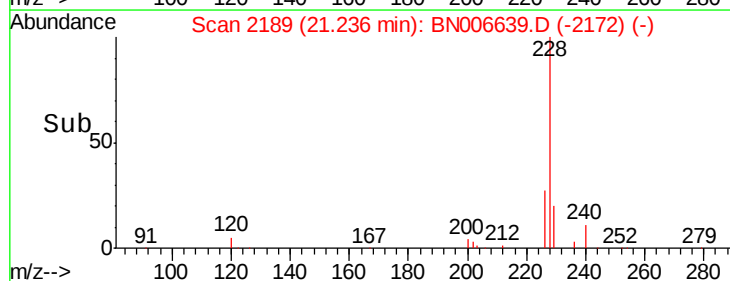
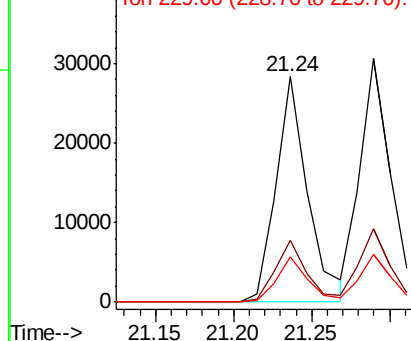
228 100

226 27.2 21.2 31.8

229 19.9 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: 0.411 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

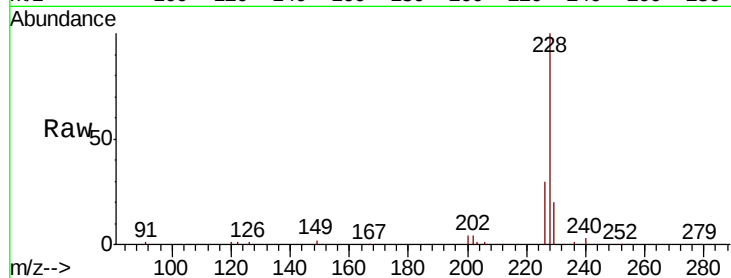
Tgt Ion:228 Resp: 42896

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.6 15.9 23.9

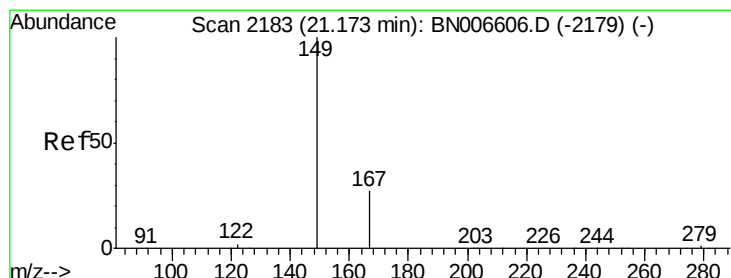
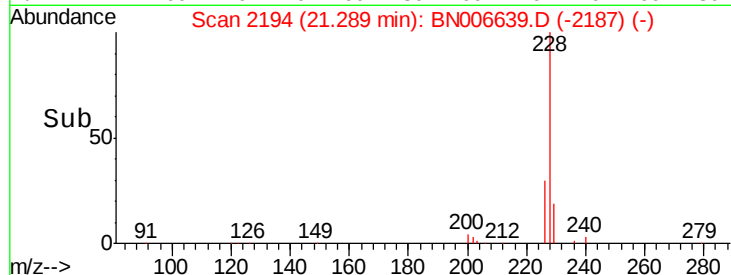
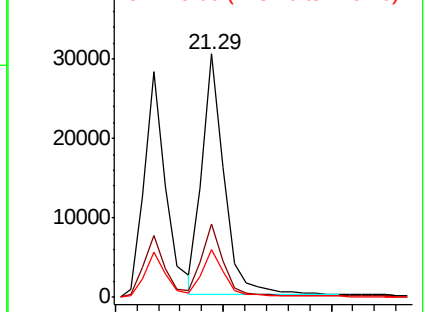


Abundance

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: 0.403 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

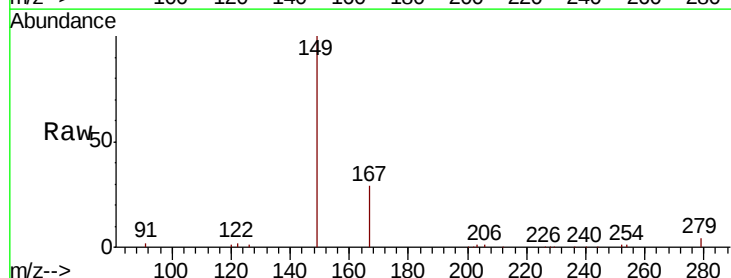
Tgt Ion:149 Resp: 19643

Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

279 3.9 3.3 4.9

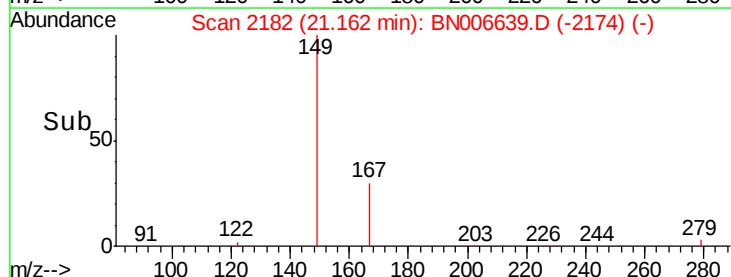
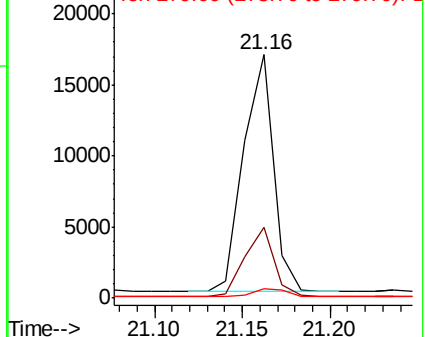


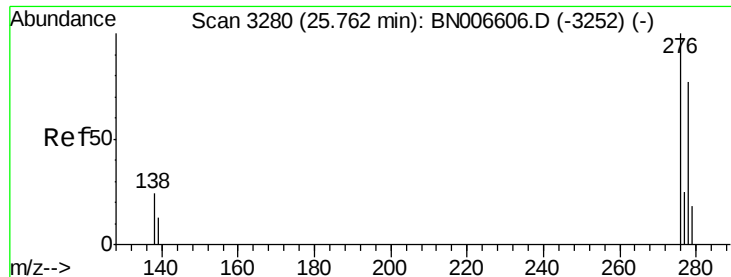
Abundance

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: 0.373 ng

RT: 25.72 min Scan# 3267

Delta R.T. -0.04 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

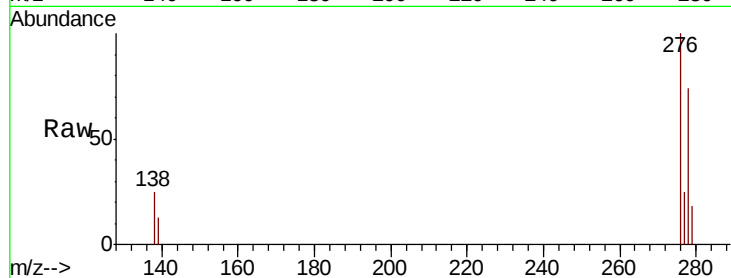
Tgt Ion:276 Resp: 39356

Ion Ratio Lower Upper

276 100

138 24.5 19.3 28.9

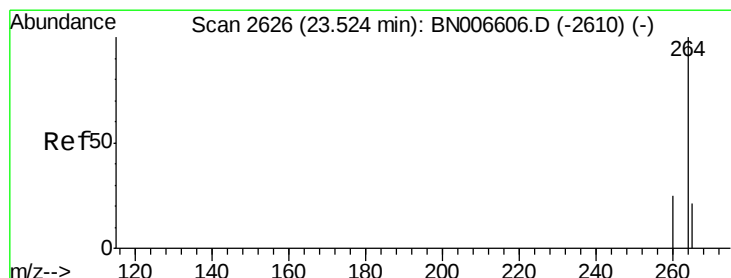
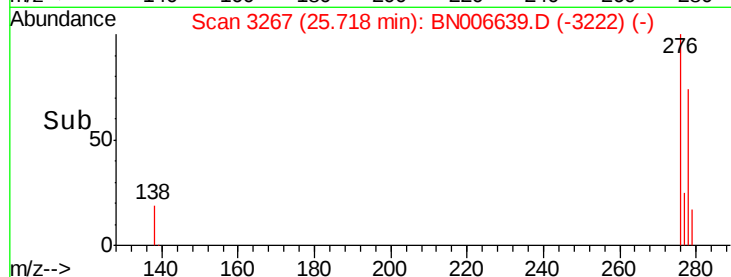
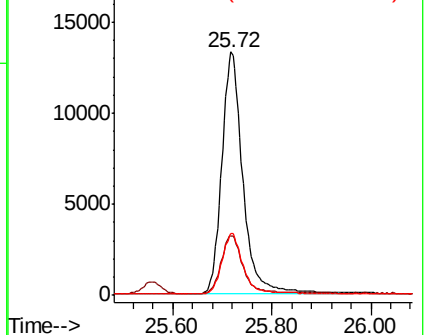
277 24.8 19.9 29.9



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# 2615

Delta R.T. -0.04 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

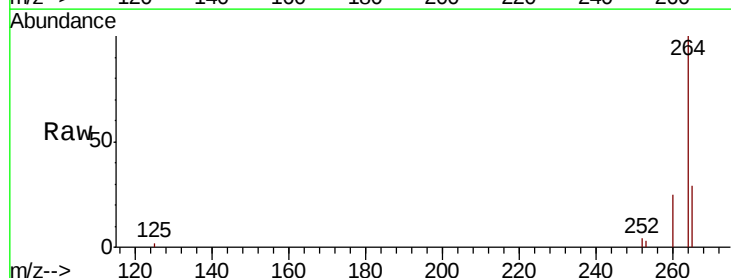
Tgt Ion:264 Resp: 28788

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

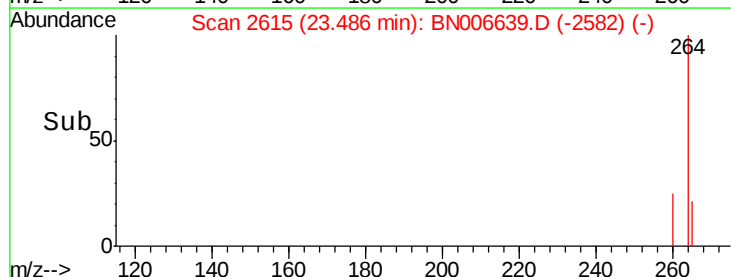
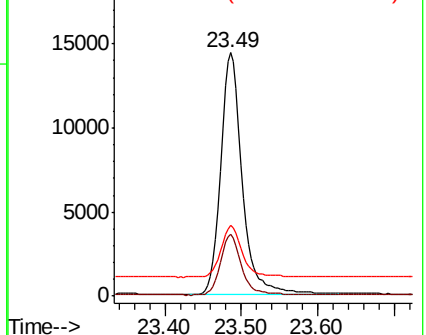
265 29.0 23.3 34.9



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: 0.427 ng

RT: 22.82 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

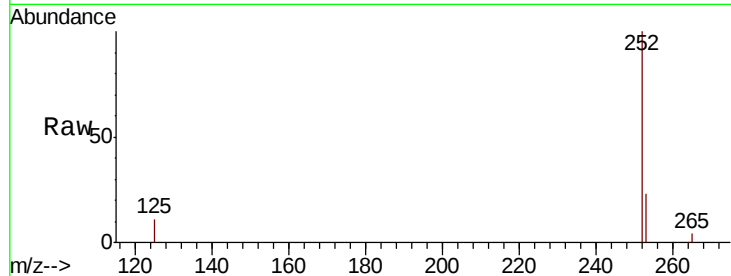
Tgt Ion:252 Resp: 41862

Ion Ratio Lower Upper

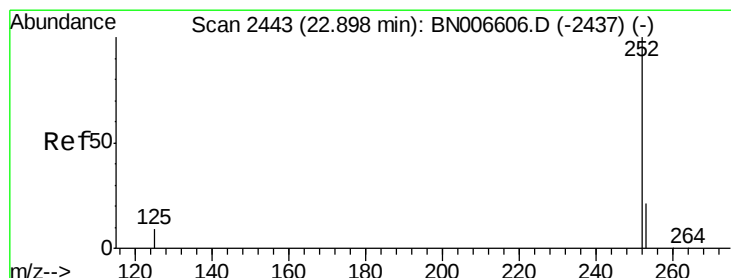
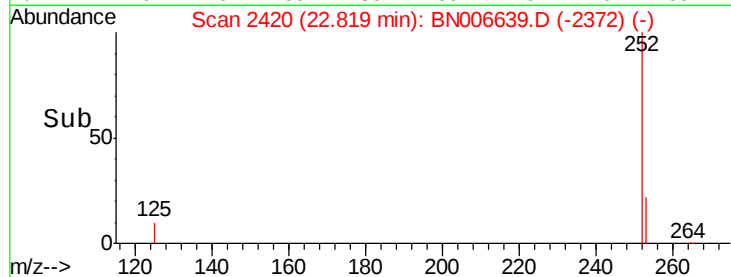
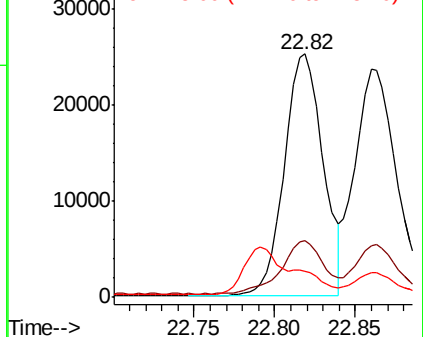
252 100

253 23.2 18.4 27.6

125 10.8 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: 0.434 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.04 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

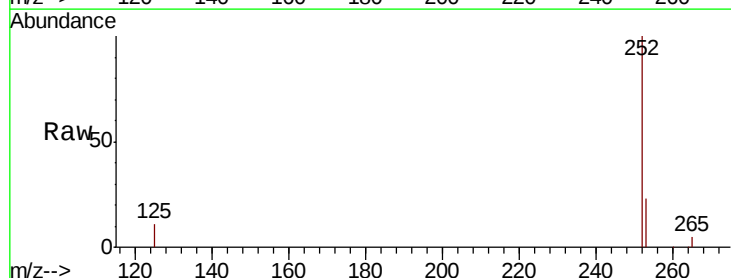
Tgt Ion:252 Resp: 45350

Ion Ratio Lower Upper

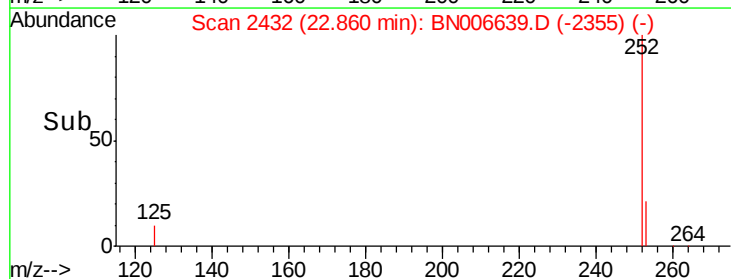
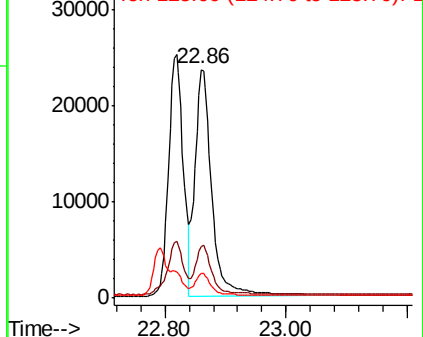
252 100

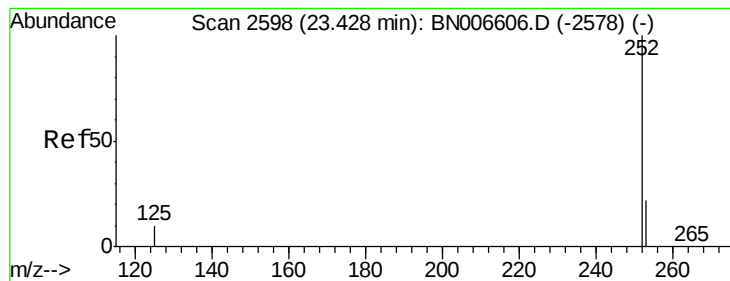
253 22.8 18.3 27.5

125 10.6 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: 0.424 ng

RT: 23.39 min Scan# 2587

Delta R.T. -0.04 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

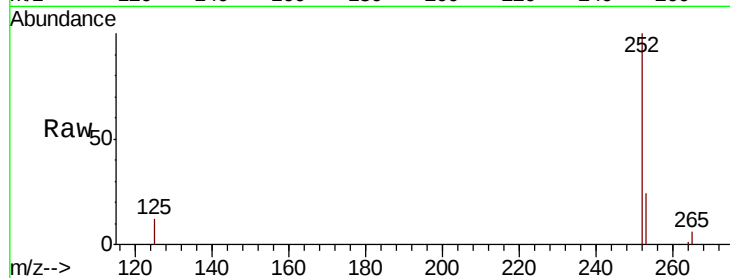
Tgt Ion:252 Resp: 38848

Ion Ratio Lower Upper

252 100

253 23.8 18.8 28.2

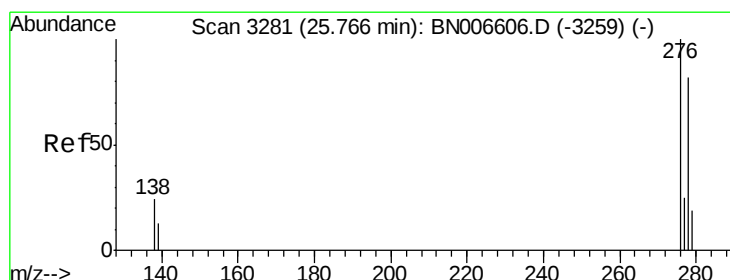
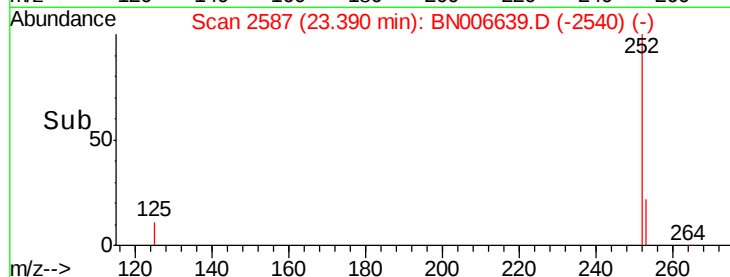
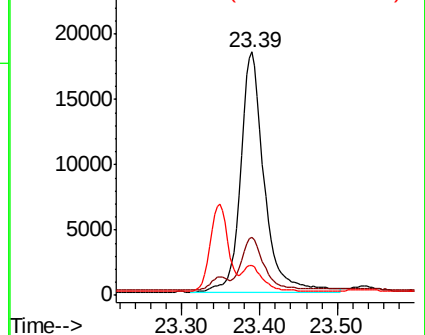
125 12.3 9.4 14.2



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: 0.395 ng

RT: 25.72 min Scan# 3268

Delta R.T. -0.04 min

Lab File: BN006639.D

Acq: 29 Jun 2019 06:48

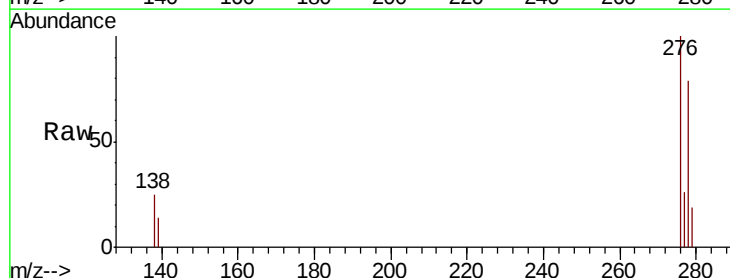
Tgt Ion:278 Resp: 31619

Ion Ratio Lower Upper

278 100

139 17.4 13.5 20.3

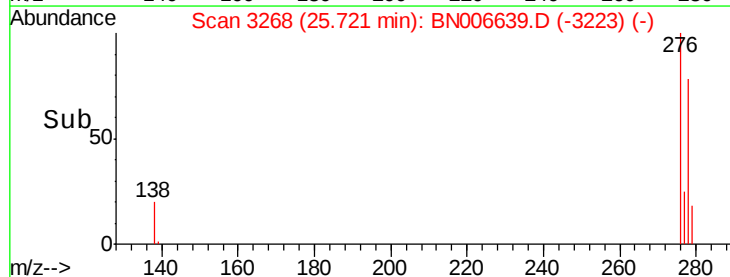
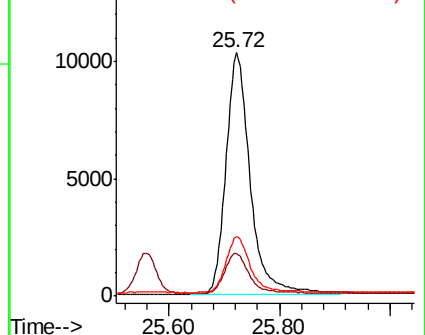
279 24.3 19.4 29.2



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: 0.391 ng

RT: 26.41 min Scan# 3468

Delta R.T. -0.04 min

Lab File: BN006639.D

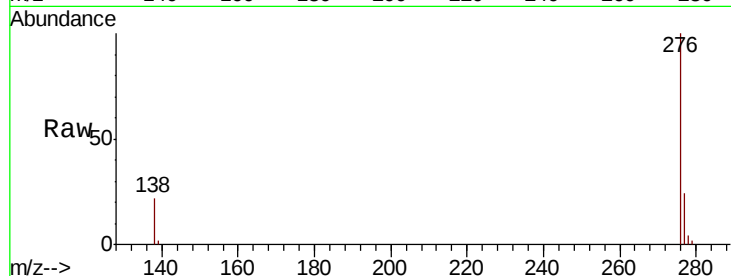
Acq: 29 Jun 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 31182

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 21.8 17.7 26.5

