

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006618.D
 Acq On : 28 Jun 2019 18:08
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 29 01:11:28 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	3975	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	17285	0.40	ng	0.00
13) Acenaphthene-d10	14.28	164	11054	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	25665	0.40	ng	0.00
27) Chrysene-d12	21.25	240	25181	0.40	ng	-0.02
34) Perylene-d12	23.49	264	25116	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3450	0.35	ng	0.00
5) Phenol-d6	6.83	99	4606	0.36	ng	0.00
8) Nitrobenzene-d5	8.81	82	4070	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.01	152	11020	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1745	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	16290	0.40	ng	0.00
25) Fluoranthene-d10	19.08	212	29703	0.39	ng	0.00
29) Terphenyl-d14	19.68	244	21616	0.41	ng	0.00

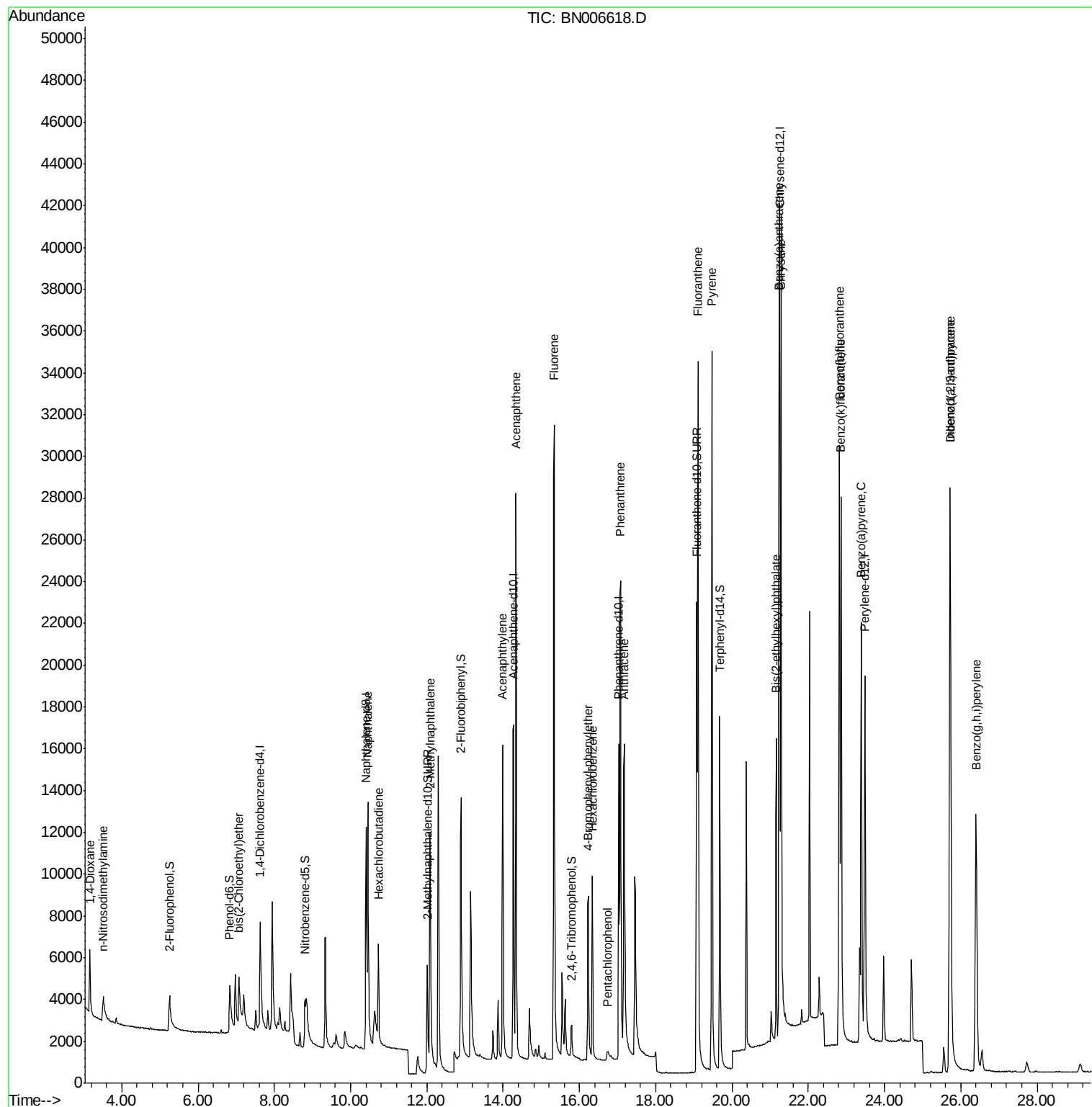
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2146	0.390	ng	92
3) n-Nitrosodimethylamine	3.50	42	1434	0.332	ng	# 93
6) bis(2-Chloroethyl)ether	7.07	93	4462	0.388	ng	98
9) Naphthalene	10.45	128	18521	0.408	ng	100
10) Hexachlorobutadiene	10.73	225	3941	0.422	ng	# 99
12) 2-Methylnaphthalene	12.08	142	12819	0.408	ng	100
16) Acenaphthylene	13.99	152	20023	0.380	ng	100
17) Acenaphthene	14.33	154	14122	0.407	ng	100
18) Fluorene	15.34	166	17723	0.405	ng	99
20) 4-Bromophenyl-phenylether	16.23	248	5571	0.392	ng	99
21) Hexachlorobenzene	16.34	284	7514	0.418	ng	100
22) Pentachlorophenol	16.74	266	782	0.383	ng	95
23) Phenanthrene	17.08	178	29406	0.403	ng	100
24) Anthracene	17.17	178	23683	0.374	ng	100
26) Fluoranthene	19.11	202	35694	0.402	ng	100
28) Pyrene	19.47	202	36544	0.415	ng	100
30) Benzo(a)anthracene	21.24	228	32472	0.394	ng	99
31) Chrysene	21.29	228	35247	0.397	ng	100
32) Bis(2-ethylhexyl)phthalate	21.16	149	13331	0.322	ng	99
33) Indeno(1,2,3-cd)pyrene	25.72	276	34767	0.387	ng	100
35) Benzo(b)fluoranthene	22.82	252	36504	0.427	ng	99
36) Benzo(k)fluoranthene	22.86	252	38909	0.427	ng	100
37) Benzo(a)pyrene	23.39	252	33457	0.419	ng	99
38) Dibenzo(a,h)anthracene	25.72	278	27891	0.400	ng	99
39) Benzo(g,h,i)perylene	26.40	276	27747	0.398	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: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

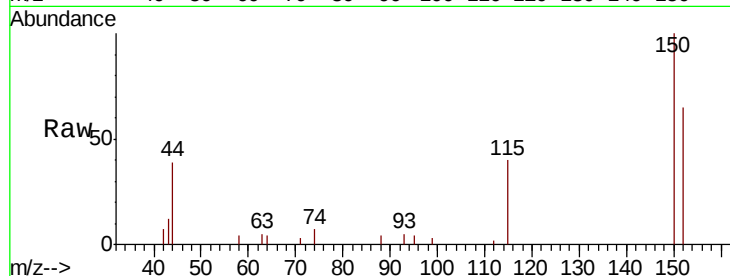
Tgt Ion: 152 Resp: 3975

Ion Ratio Lower Upper

152 100

150 154.4 122.2 183.2

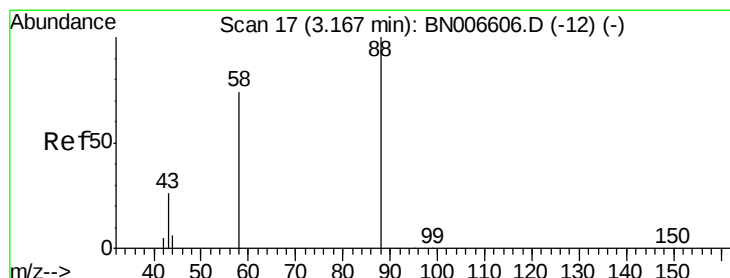
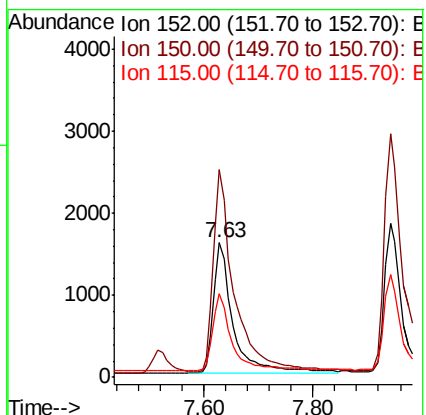
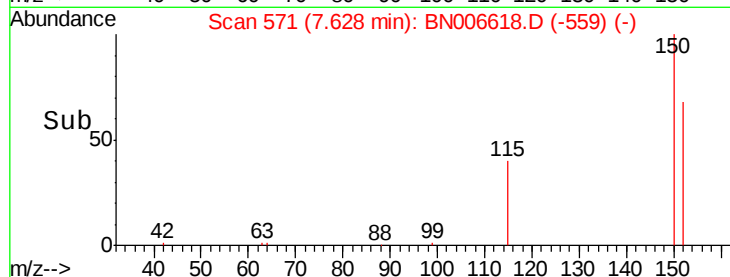
115 62.5 50.0 75.0



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: 0.390 ng

RT: 3.17 min Scan# 17

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

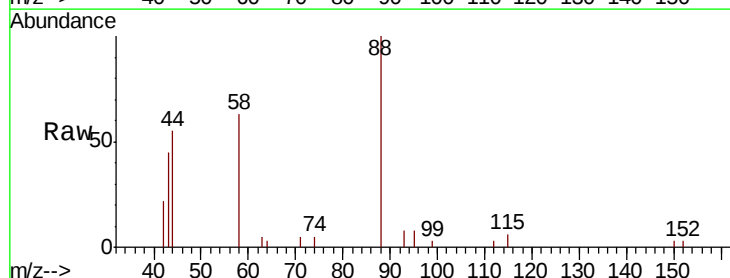
Tgt Ion: 88 Resp: 2146

Ion Ratio Lower Upper

88 100

58 84.8 62.5 93.7

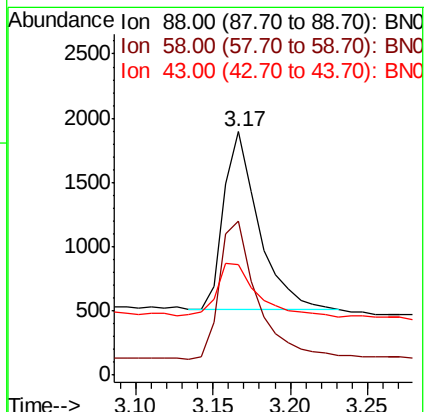
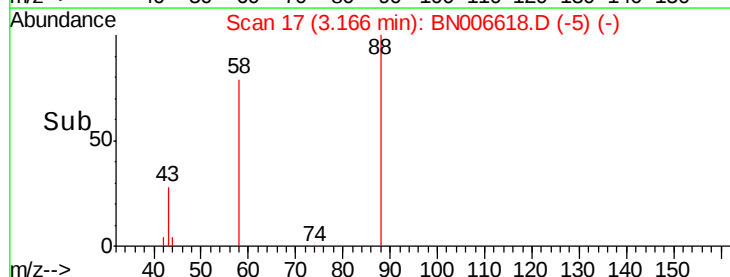
43 36.2 25.4 38.0

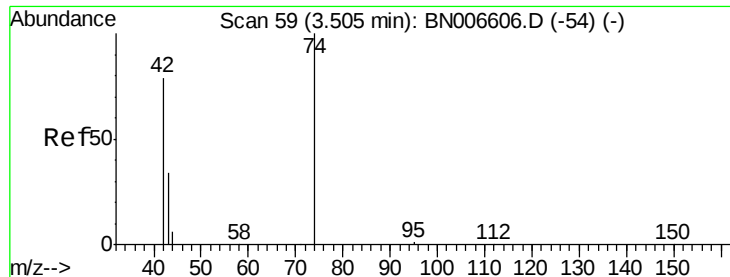


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.332 ng

RT: 3.50 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

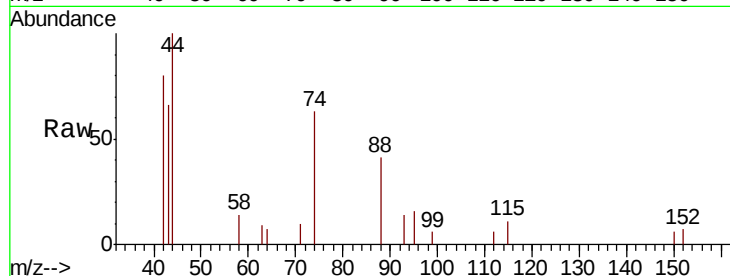
Tgt Ion: 42 Resp: 1434

Ion Ratio Lower Upper

42 100

74 121.0 103.1 154.7

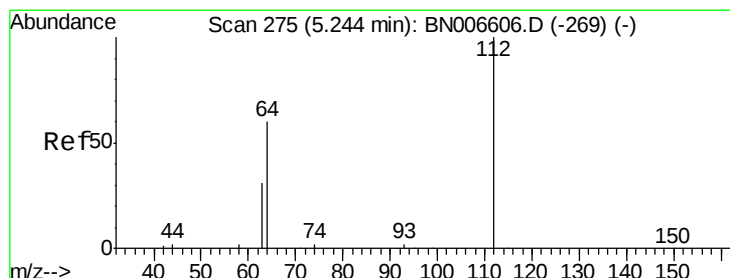
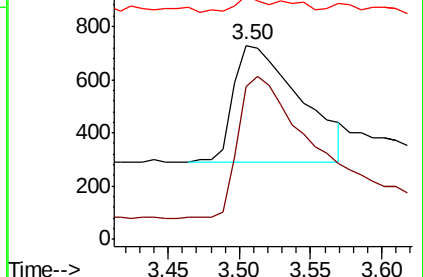
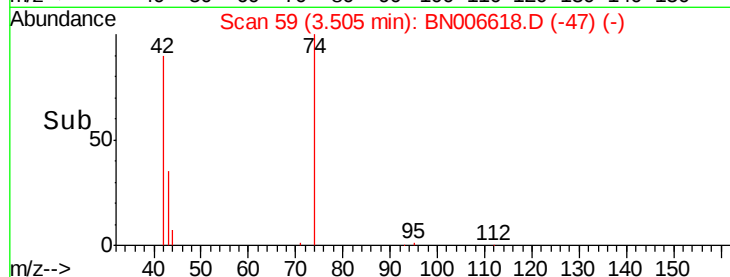
44 5.4 3.4 5.2#



Abundance Ion 42.00 (41.70 to 42.70): BN006606.D (-54) (-)

Ion 74.00 (73.70 to 74.70): BN006606.D (-54) (-)

Ion 44.00 (43.70 to 44.70): BN006606.D (-54) (-)



#4

2-Fluorophenol

Concen: 0.354 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

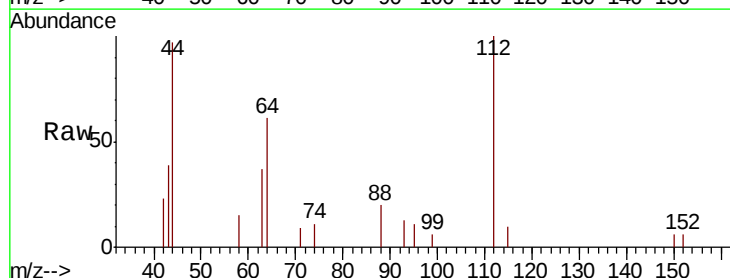
Tgt Ion: 112 Resp: 3450

Ion Ratio Lower Upper

112 100

64 60.8 48.9 73.3

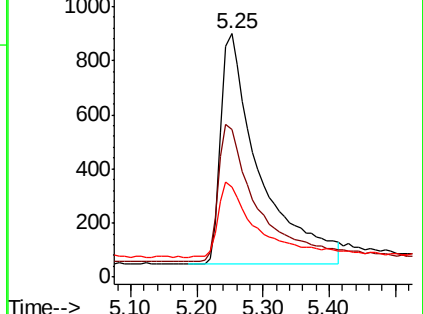
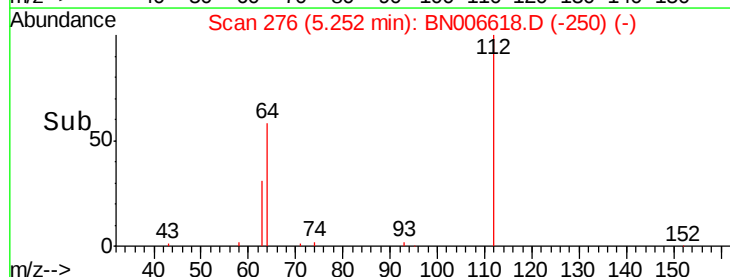
63 32.9 24.3 36.5

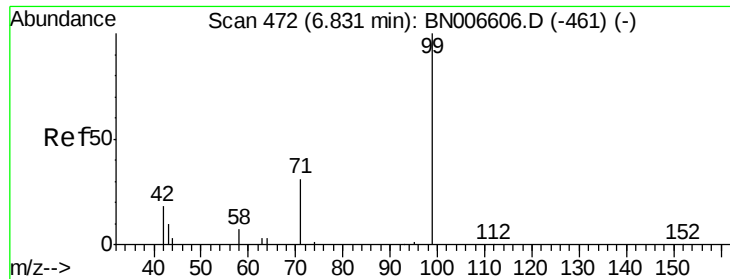


Abundance Ion 112.00 (111.70 to 112.70): BN006606.D (-269) (-)

Ion 64.00 (63.70 to 64.70): BN006606.D (-269) (-)

Ion 63.00 (62.70 to 63.70): BN006606.D (-269) (-)





#5

Phenol-d6

Concen: 0.357 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

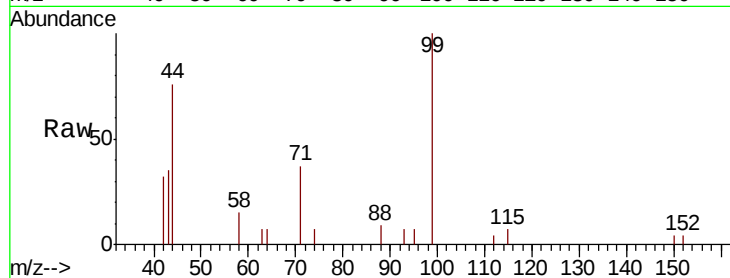
Tgt Ion: 99 Resp: 4606

Ion Ratio Lower Upper

99 100

42 19.4 16.4 24.6

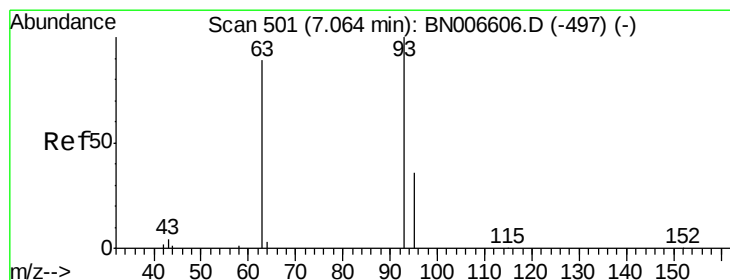
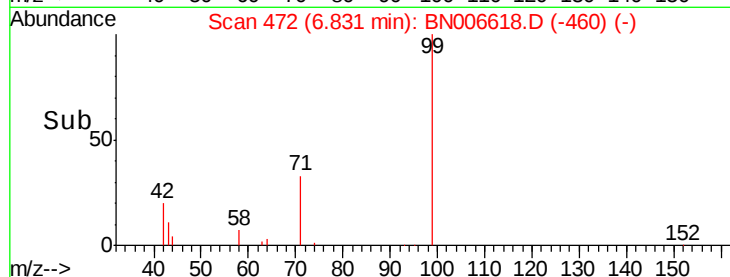
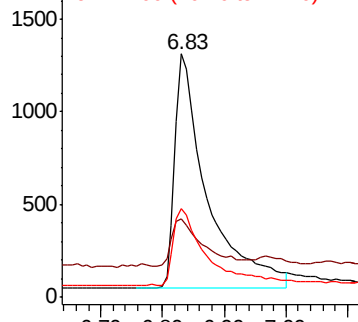
71 33.9 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006618.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006618.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006618.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.388 ng

RT: 7.07 min Scan# 502

Delta R.T. 0.01 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

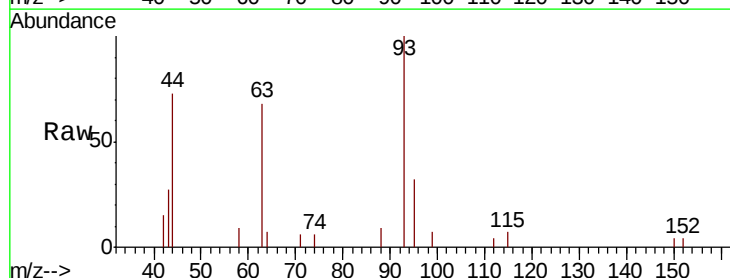
Tgt Ion: 93 Resp: 4462

Ion Ratio Lower Upper

93 100

63 63.3 52.5 78.7

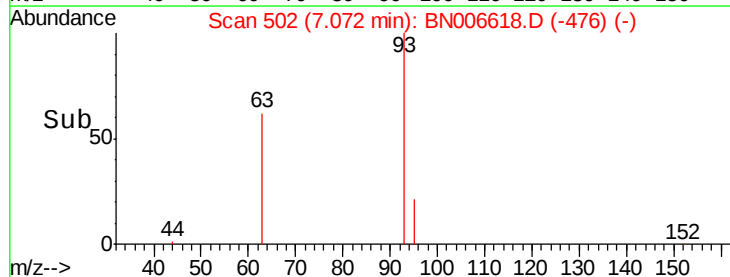
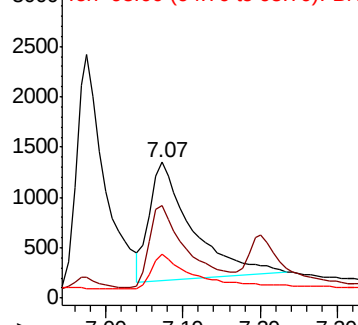
95 30.1 24.2 36.4

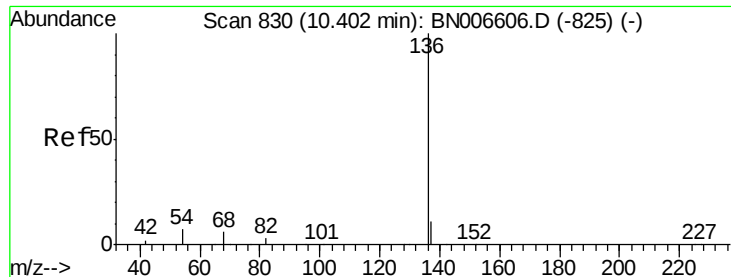


Abundance Ion 93.00 (92.70 to 93.70): BN006618.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006618.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006618.D (-476) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 17285

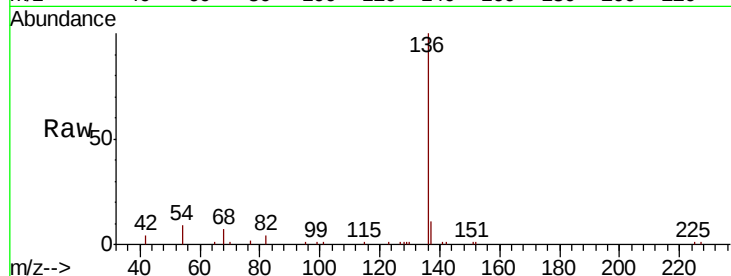
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.8 6.7 10.1

68 6.9 5.3 7.9

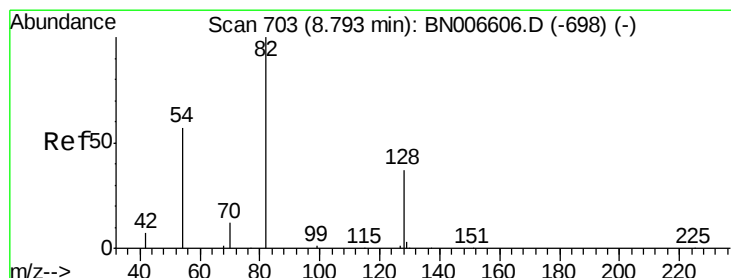
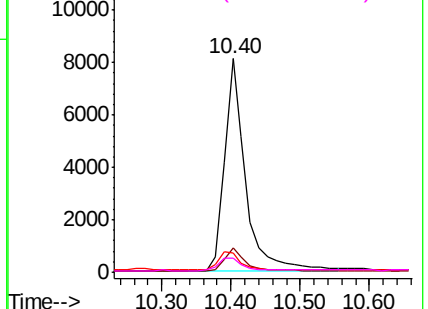
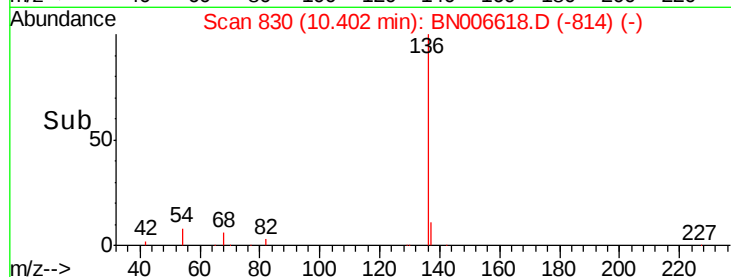


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

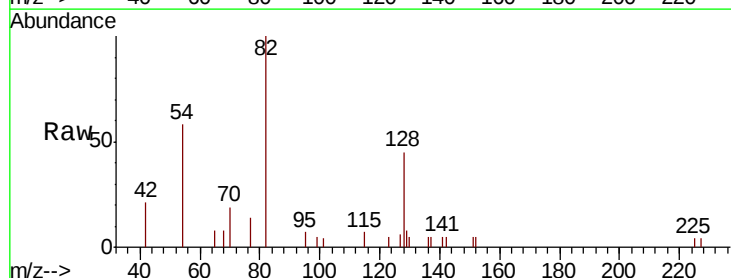
Tgt Ion: 82 Resp: 4070

Ion Ratio Lower Upper

82 100

128 45.5 32.6 49.0

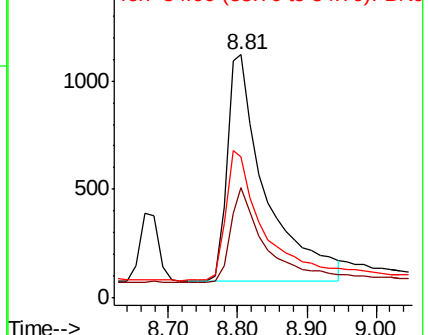
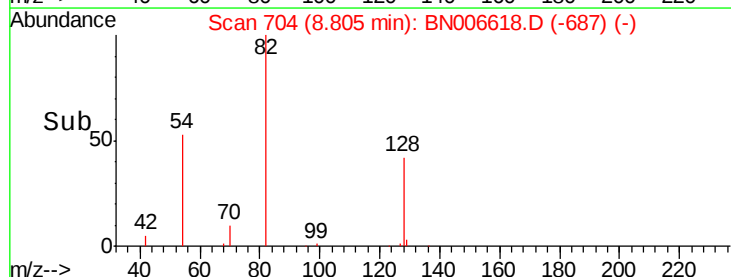
54 57.7 48.2 72.4

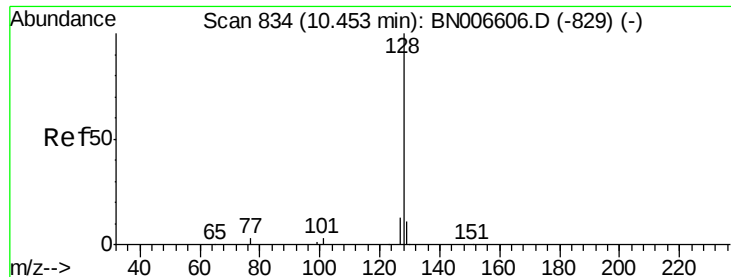


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.408 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

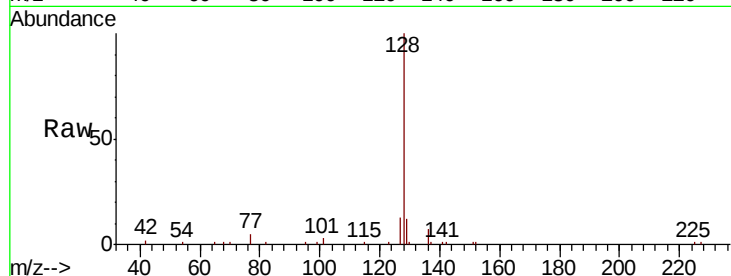
Tgt Ion:128 Resp: 18521

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

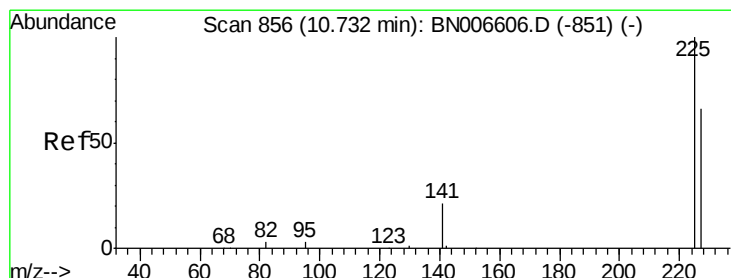
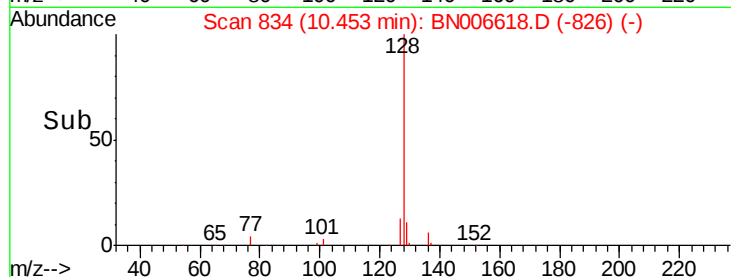
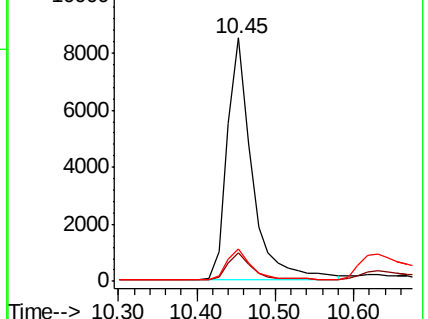
127 13.4 10.8 16.2



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: 0.422 ng

RT: 10.73 min Scan# 856

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

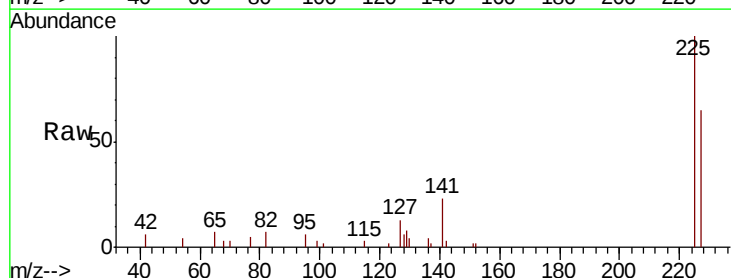
Tgt Ion:225 Resp: 3941

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

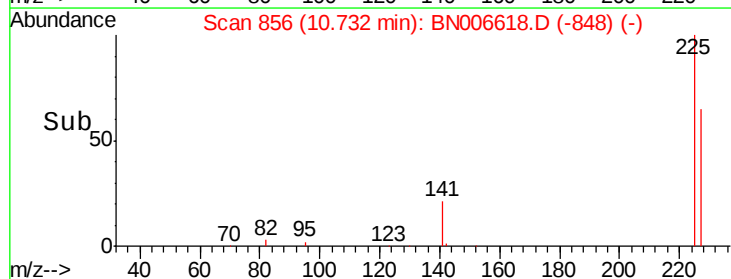
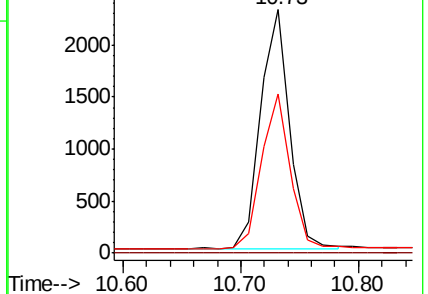
227 63.7 51.4 77.2

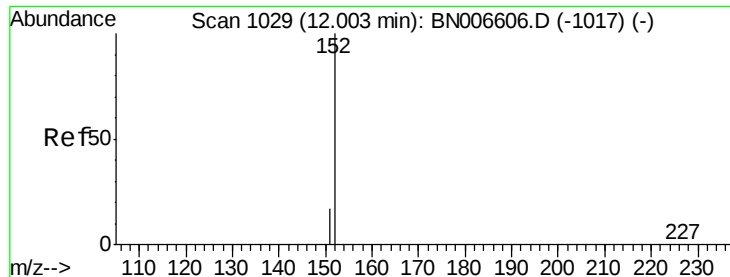


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

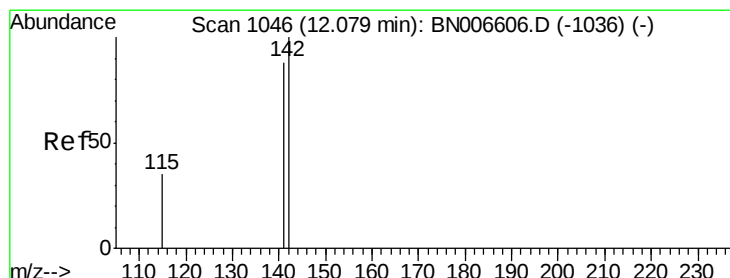
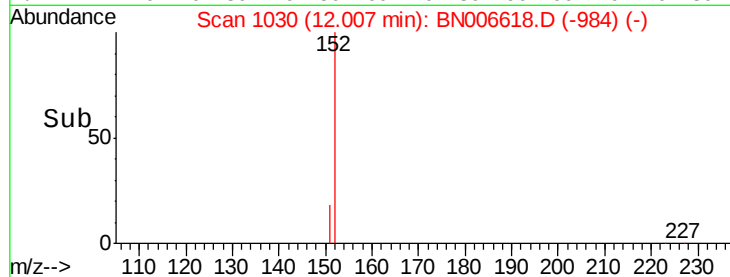
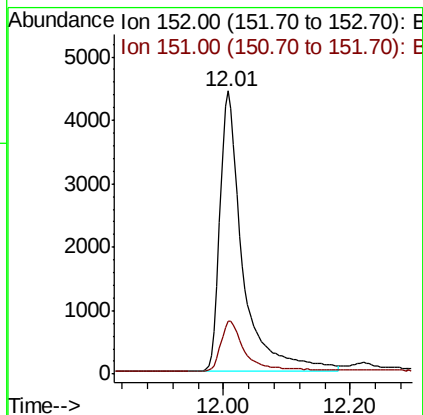
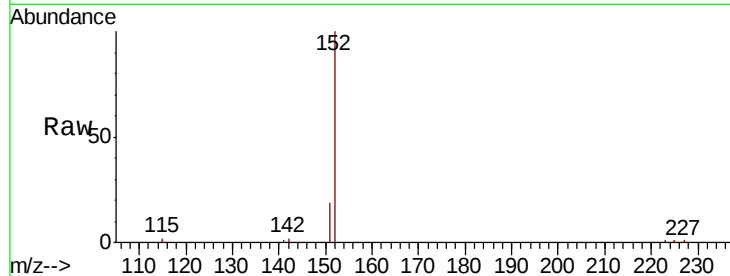




#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.01 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

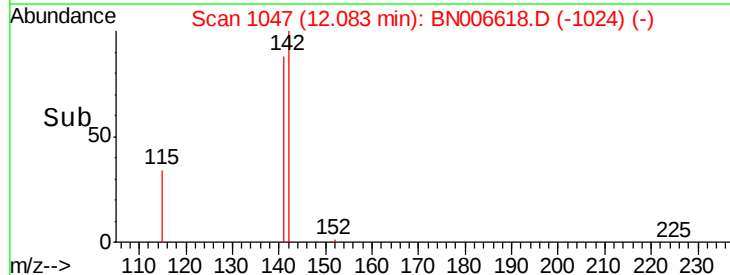
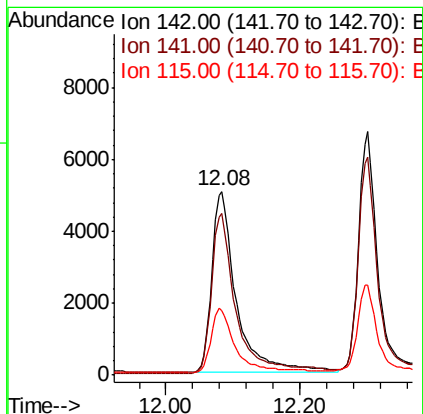
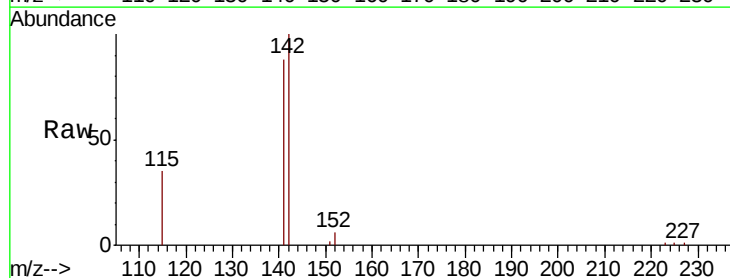
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11020
Ion Ratio Lower Upper
152 100
151 19.1 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.08 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:142 Resp: 12819
Ion Ratio Lower Upper
142 100
141 87.6 70.2 105.4
115 35.2 28.5 42.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

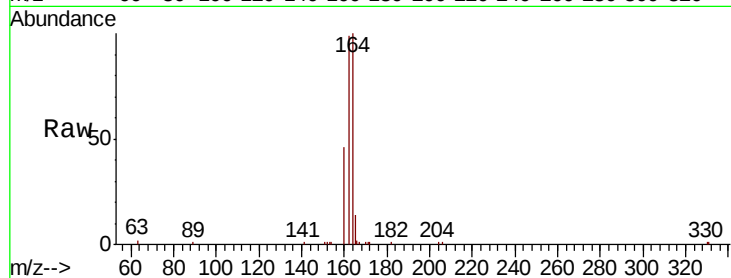
Tgt Ion:164 Resp: 11054

Ion Ratio Lower Upper

164 100

162 99.5 80.0 120.0

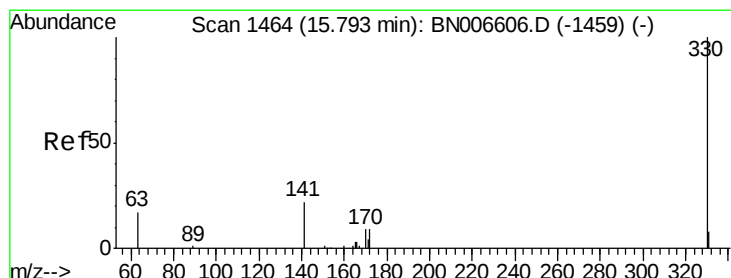
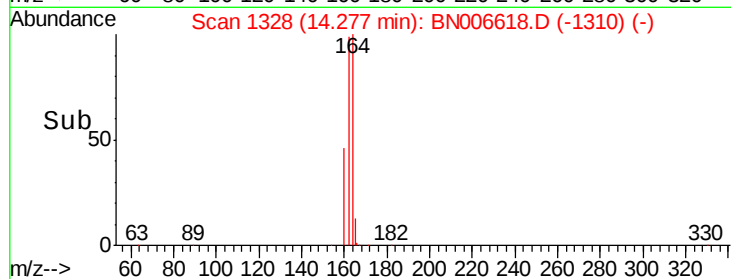
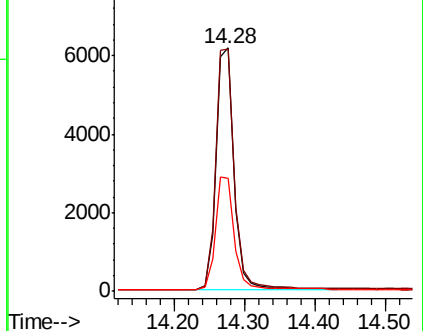
160 46.3 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.335 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

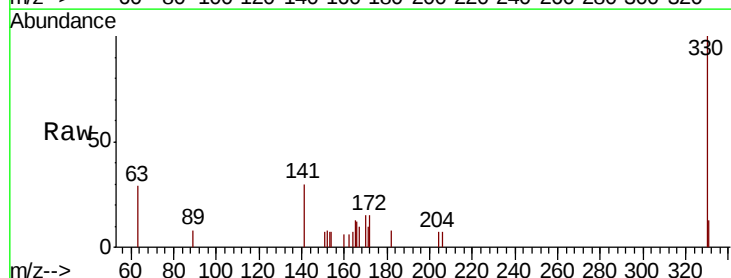
Tgt Ion:330 Resp: 1745

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

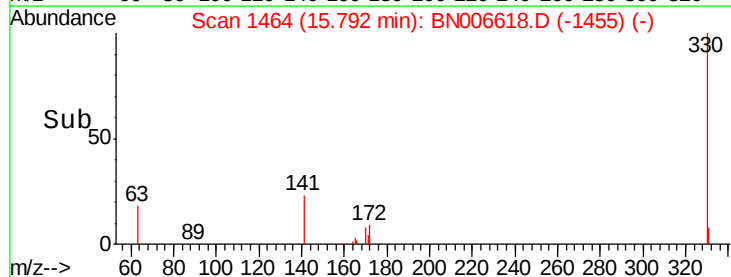
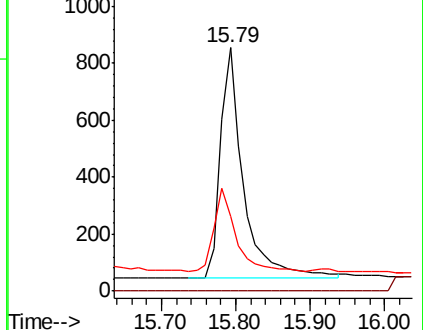
141 33.5 26.5 39.7



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

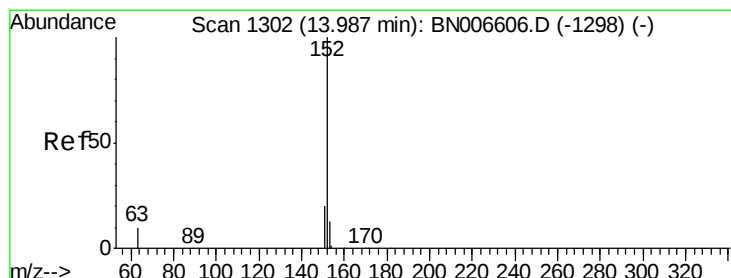
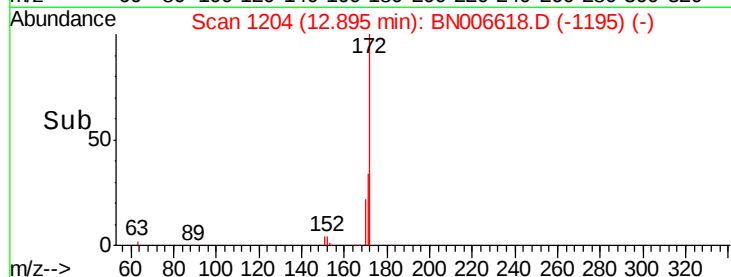
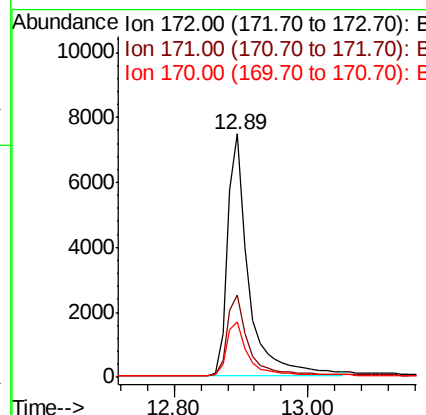
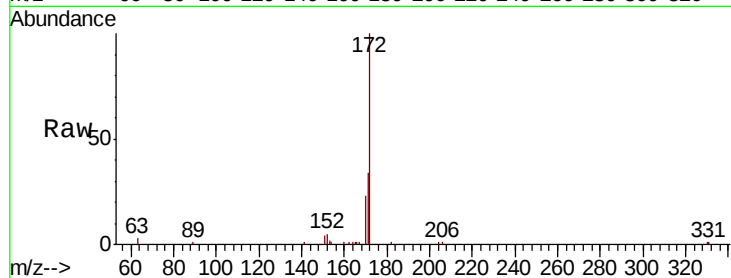




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

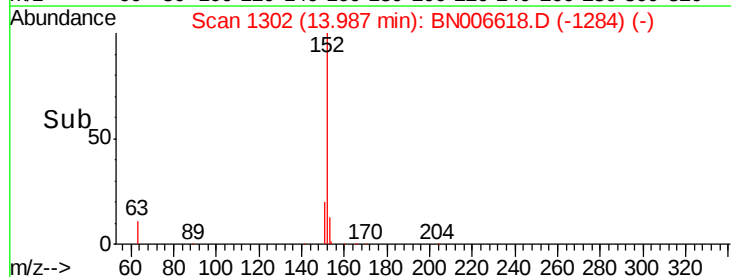
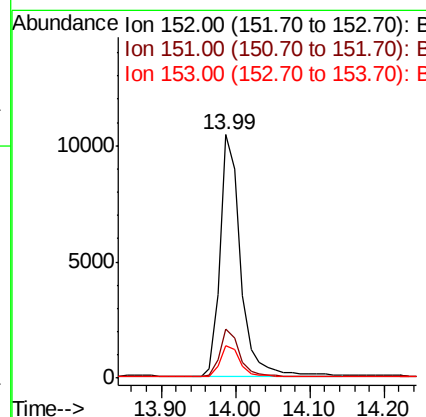
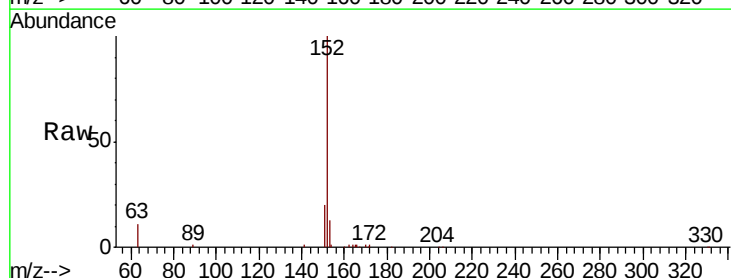
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

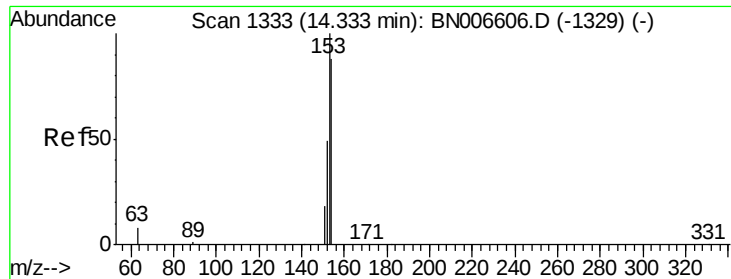
Tgt Ion:172 Resp: 16290
Ion Ratio Lower Upper
172 100
171 34.0 27.0 40.4
170 22.7 17.7 26.5



#16
Acenaphthylene
Concen: 0.380 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:152 Resp: 20023
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

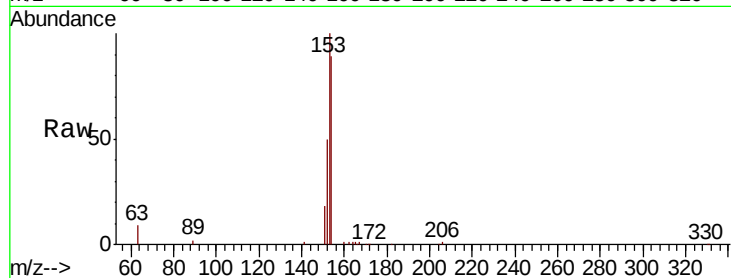
Tgt Ion:154 Resp: 14122

Ion Ratio Lower Upper

154 100

153 112.2 90.2 135.4

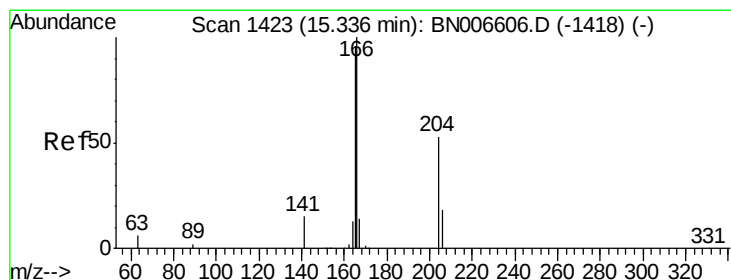
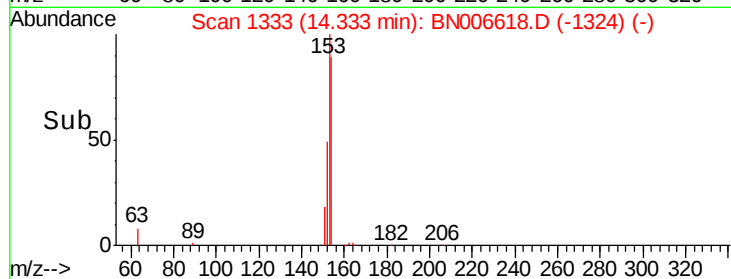
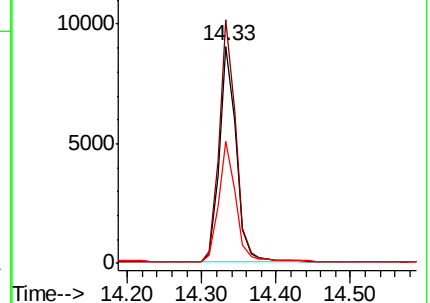
152 55.1 44.2 66.4



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: 15.34 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

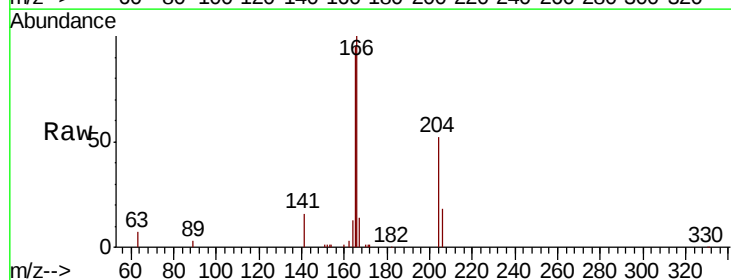
Tgt Ion:166 Resp: 17723

Ion Ratio Lower Upper

166 100

165 97.3 78.4 117.6

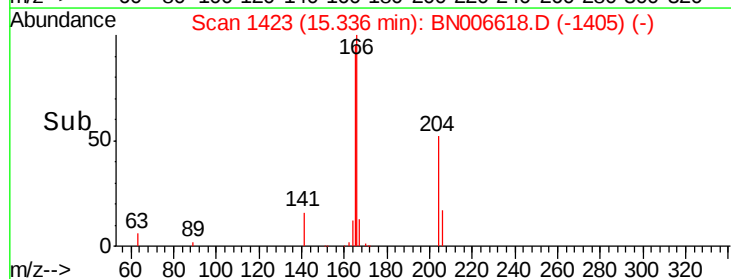
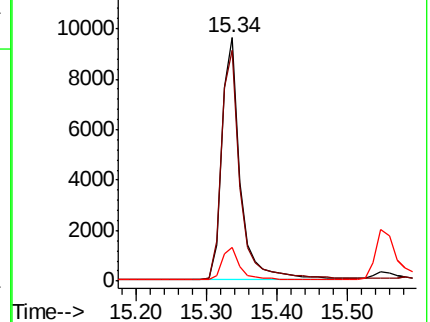
167 13.6 10.8 16.2

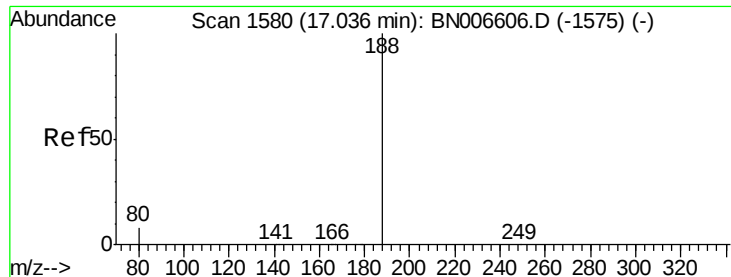


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

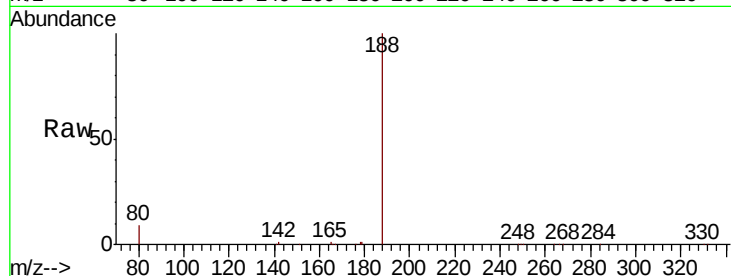
Tgt Ion:188 Resp: 25665

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

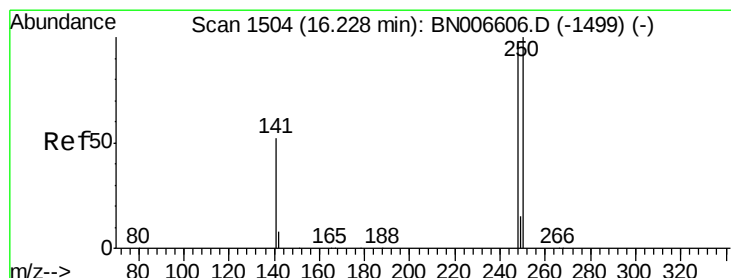
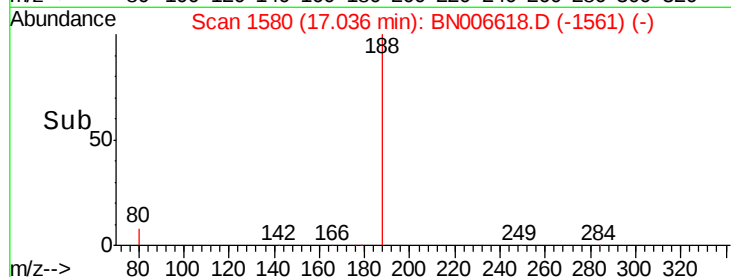
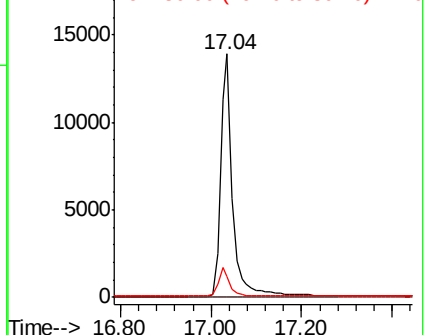
80 8.7 7.1 10.7



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: 0.392 ng

RT: 16.23 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

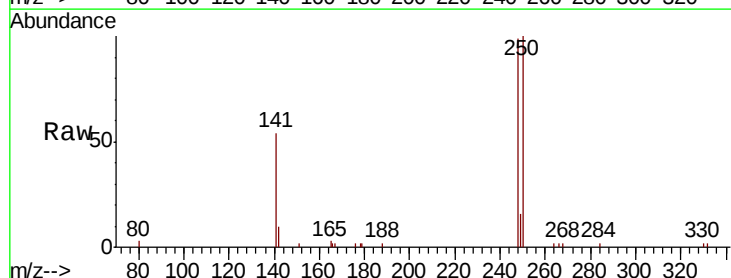
Tgt Ion:248 Resp: 5571

Ion Ratio Lower Upper

248 100

250 101.5 82.2 123.4

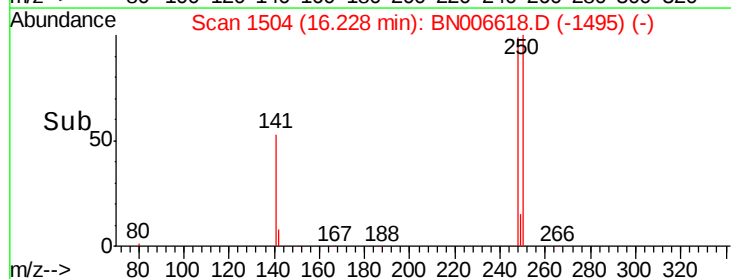
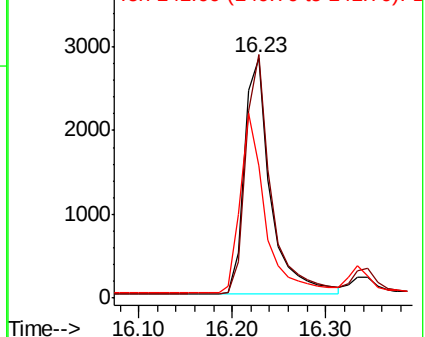
141 55.0 43.8 65.8

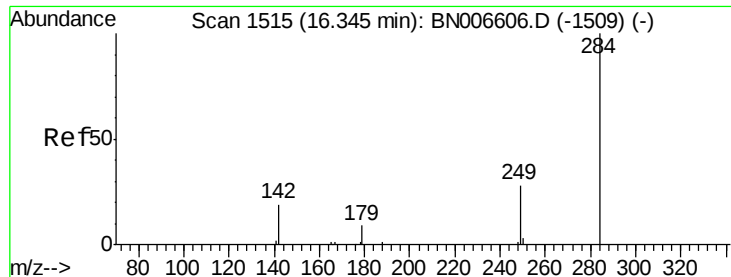


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.418 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

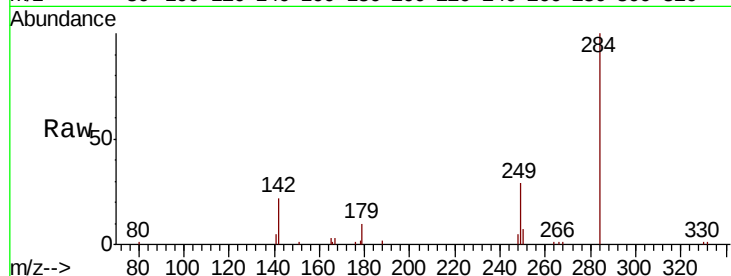
Tgt Ion:284 Resp: 7514

Ion Ratio Lower Upper

284 100

142 34.5 27.5 41.3

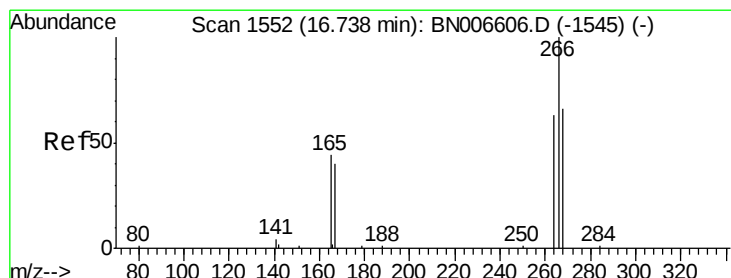
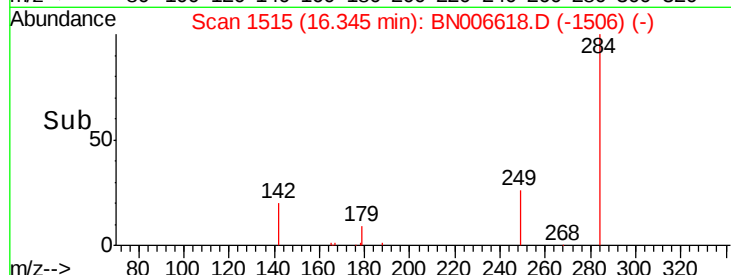
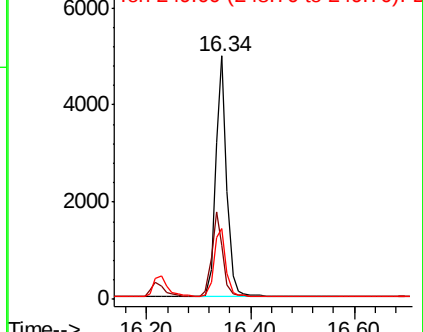
249 31.1 24.7 37.1



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: 0.383 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

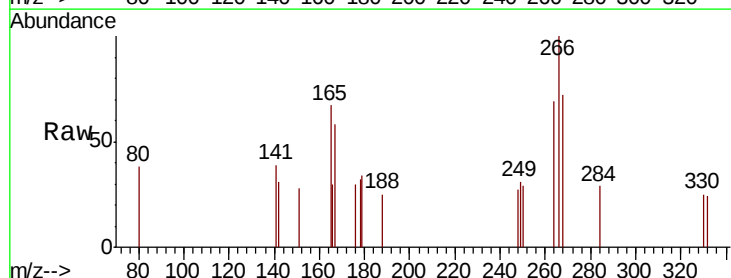
Tgt Ion:266 Resp: 782

Ion Ratio Lower Upper

266 100

264 68.8 56.2 84.4

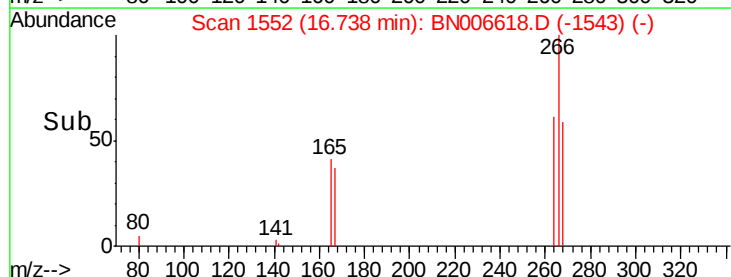
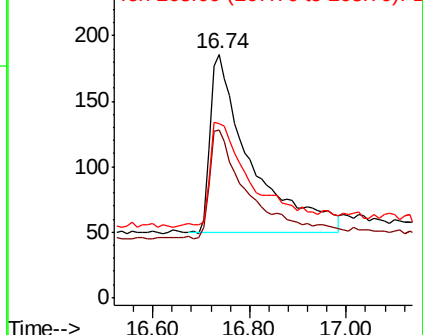
268 71.5 63.0 94.4

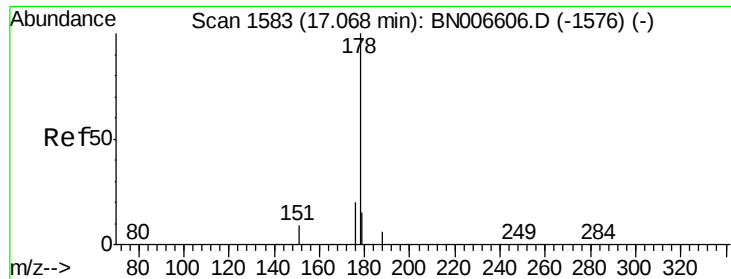


Abundance Ion 266.00 (265.70 to 266.70): E

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: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

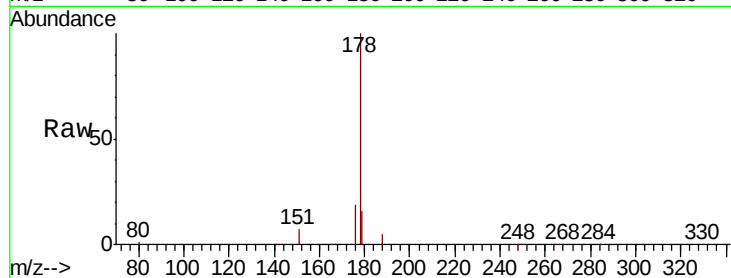
Tgt Ion:178 Resp: 29406

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

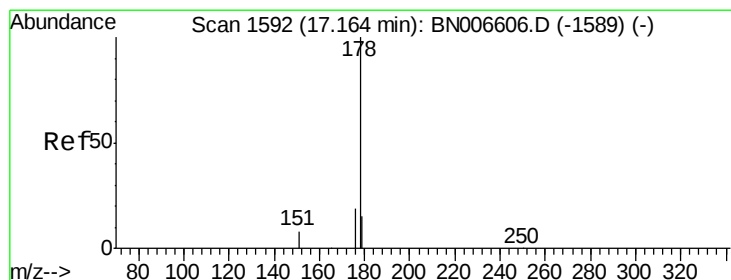
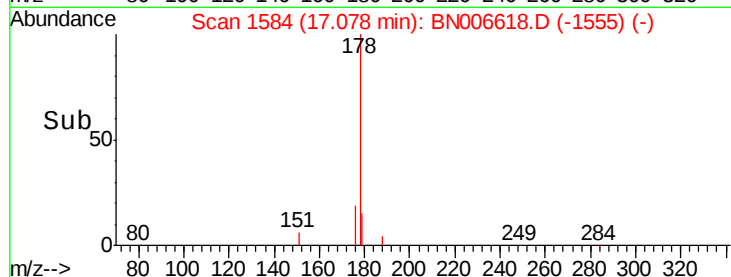
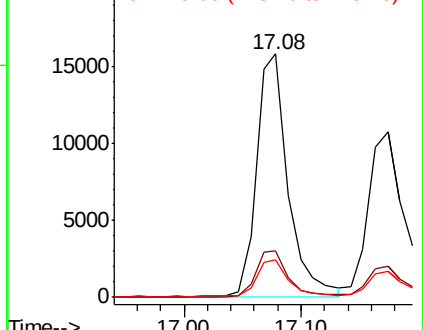
179 15.2 12.2 18.4



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: 0.374 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

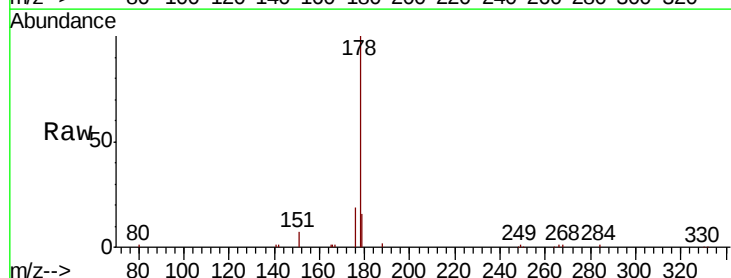
Tgt Ion:178 Resp: 23683

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

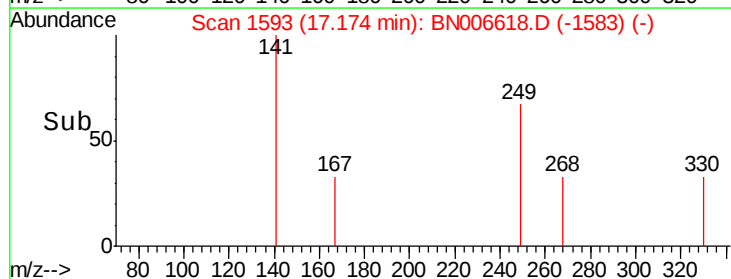
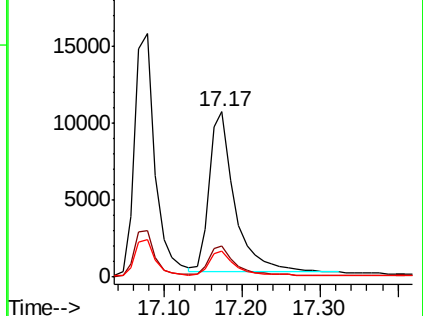
179 15.1 12.2 18.2

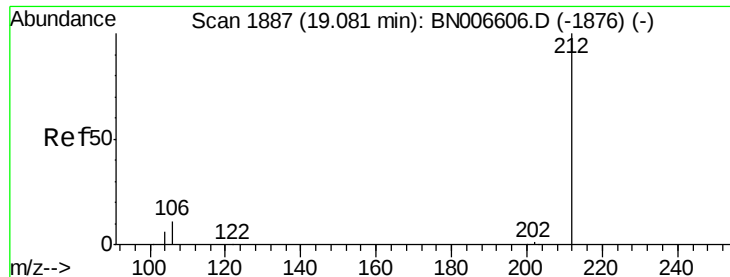


Abundance Ion 178.00 (177.70 to 178.70): E

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: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

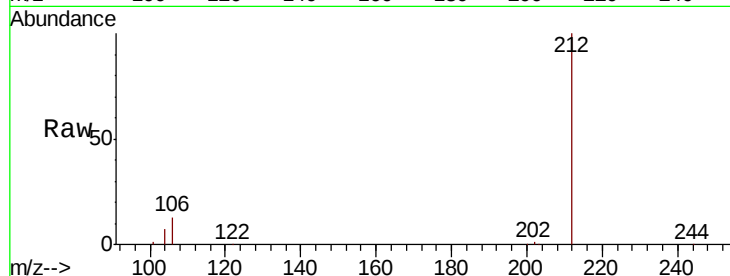
Tgt Ion:212 Resp: 29703

Ion Ratio Lower Upper

212 100

106 13.4 10.6 15.8

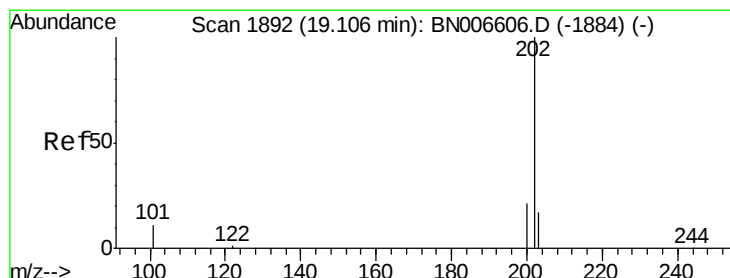
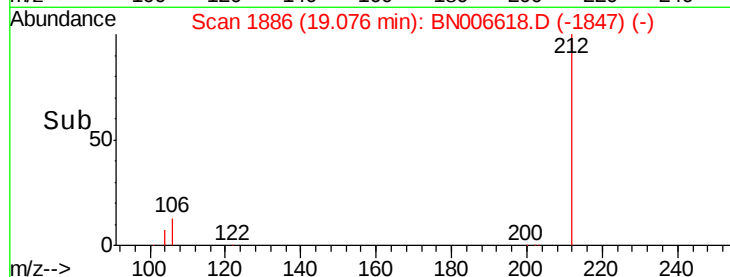
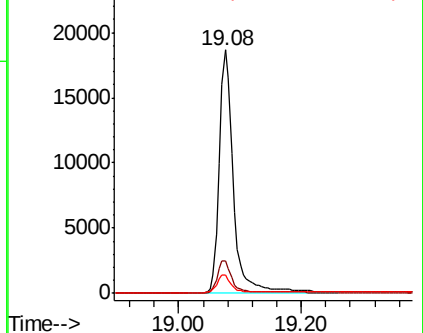
104 7.1 5.8 8.6



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.402 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

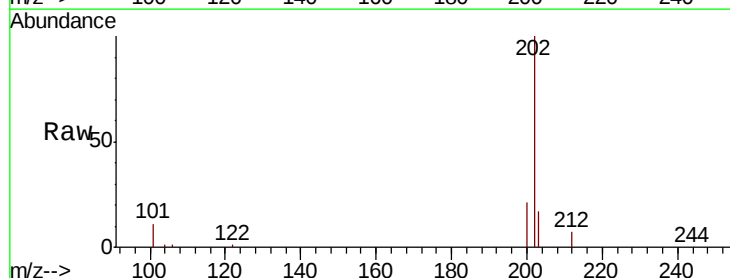
Tgt Ion:202 Resp: 35694

Ion Ratio Lower Upper

202 100

101 10.9 8.9 13.3

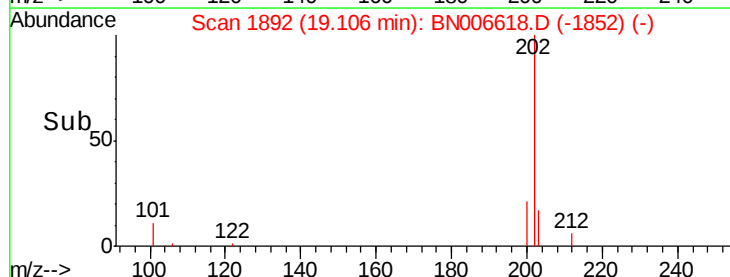
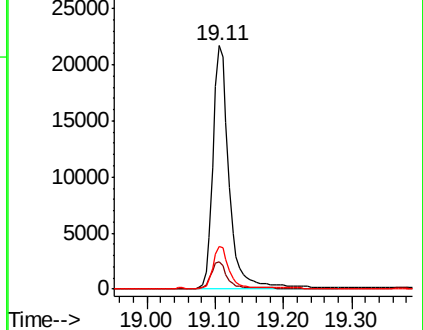
203 17.0 13.6 20.4

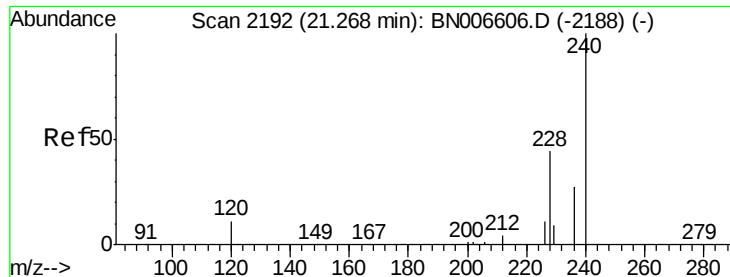


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

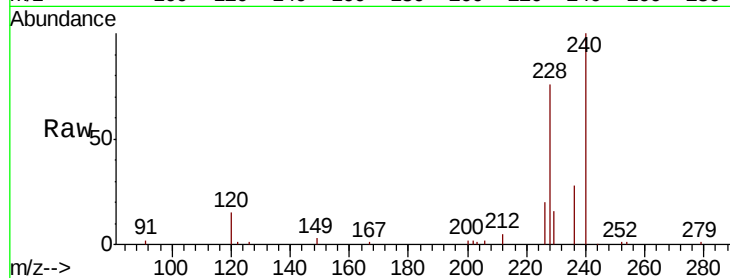
Tgt Ion:240 Resp: 25181

Ion Ratio Lower Upper

240 100

120 15.3 9.9 14.9#

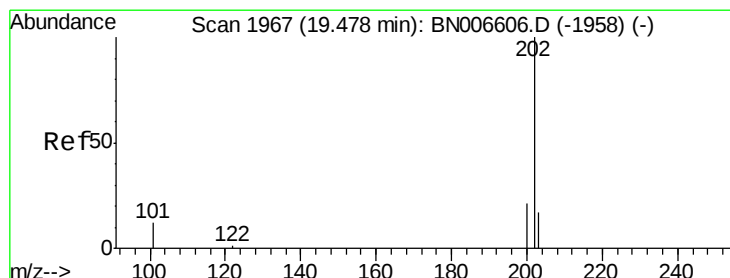
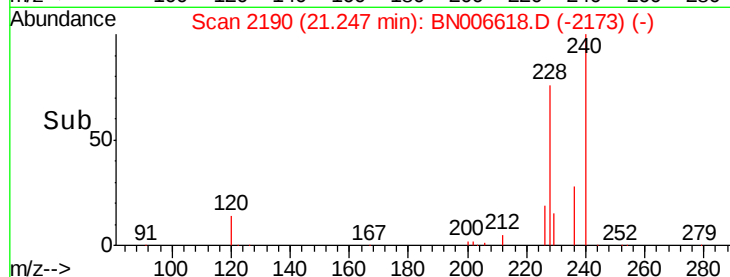
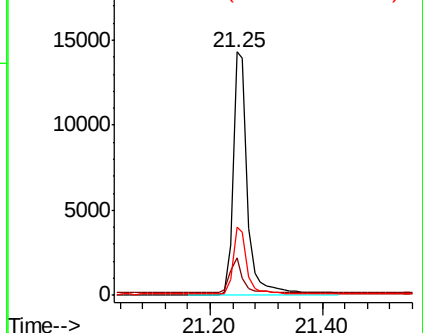
236 28.2 22.2 33.4



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: 0.415 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

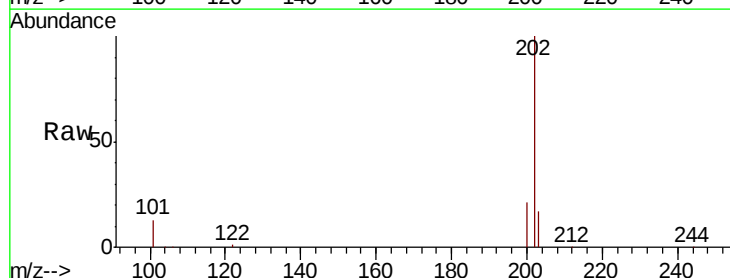
Tgt Ion:202 Resp: 36544

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

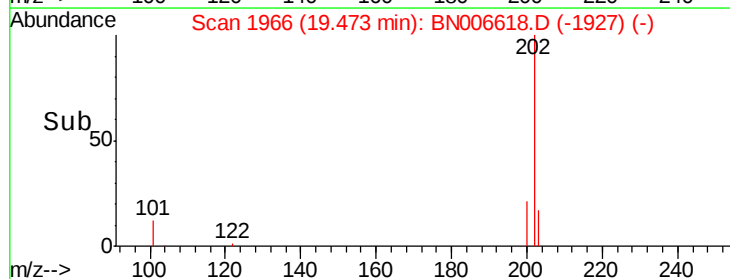
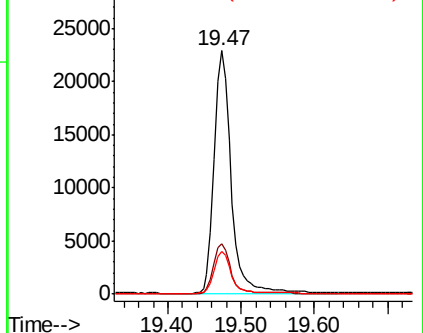
203 17.4 14.1 21.1

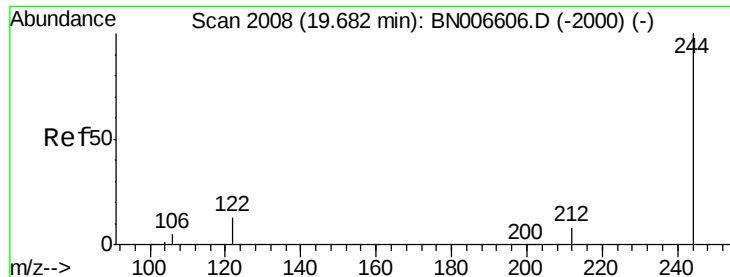


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

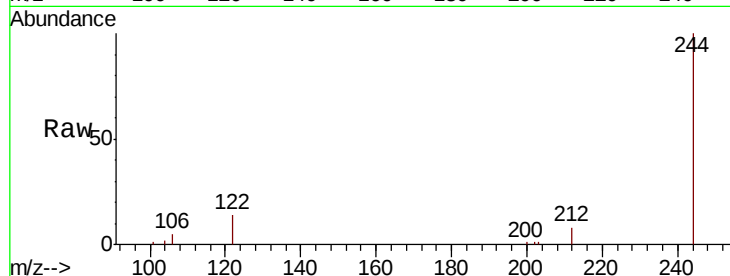
Tgt Ion:244 Resp: 21616

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

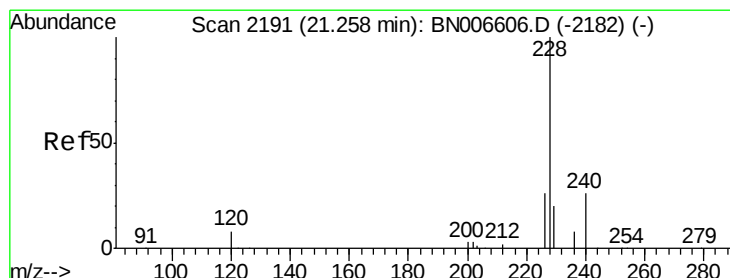
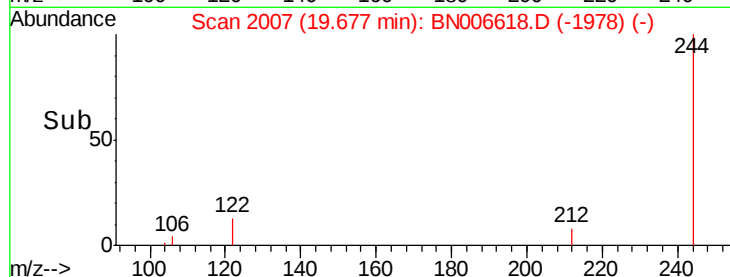
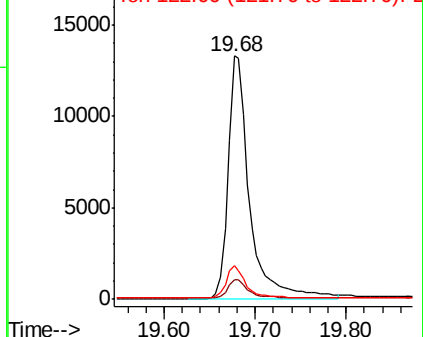
122 13.6 11.0 16.6



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: 0.394 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

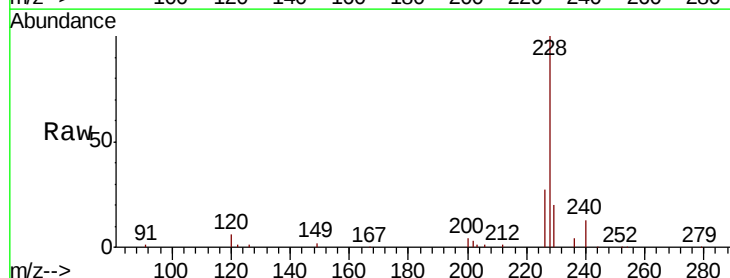
Tgt Ion:228 Resp: 32472

Ion Ratio Lower Upper

228 100

226 26.8 21.2 31.8

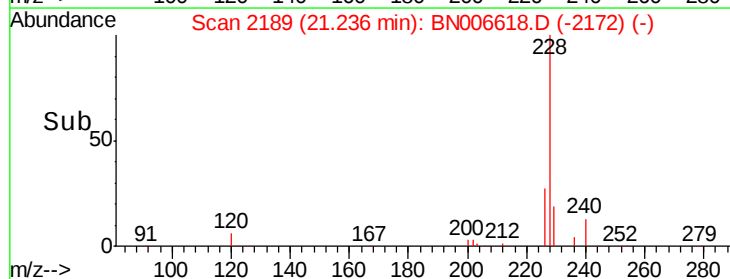
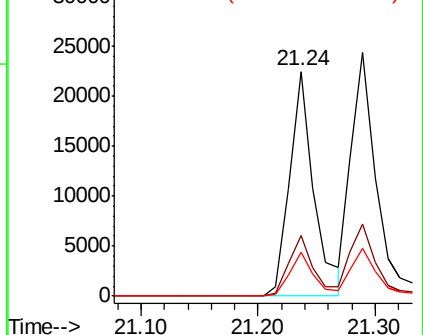
229 19.7 16.1 24.1



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: 0.397 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

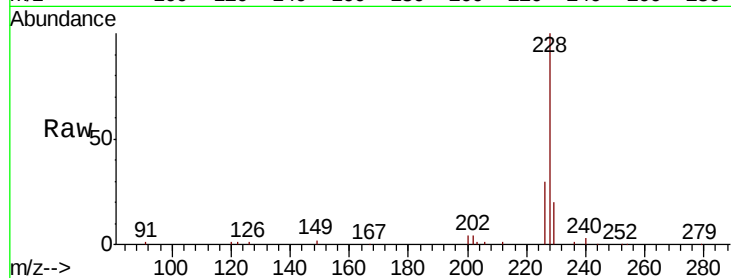
Tgt Ion:228 Resp: 35247

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

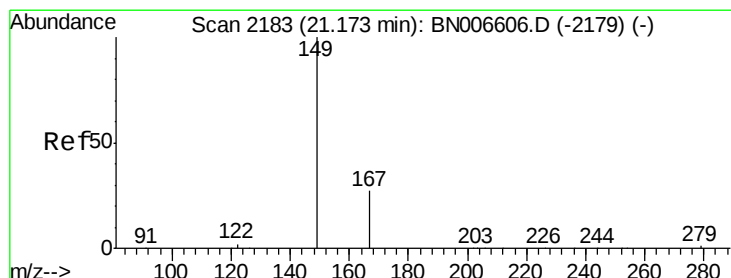
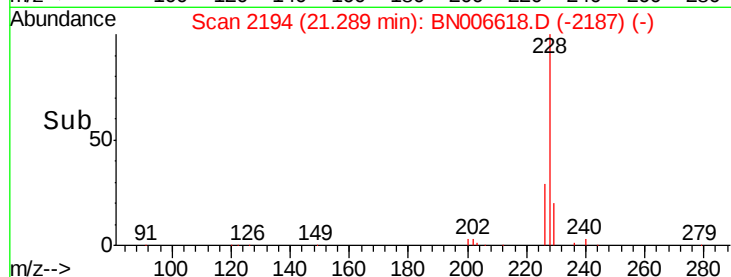
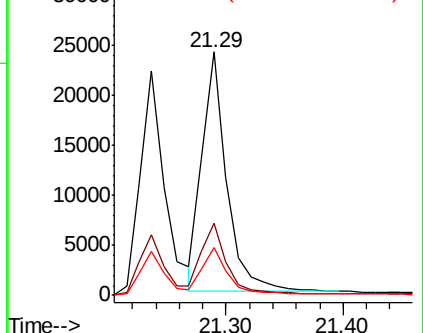
229 19.8 15.9 23.9



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: 0.322 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

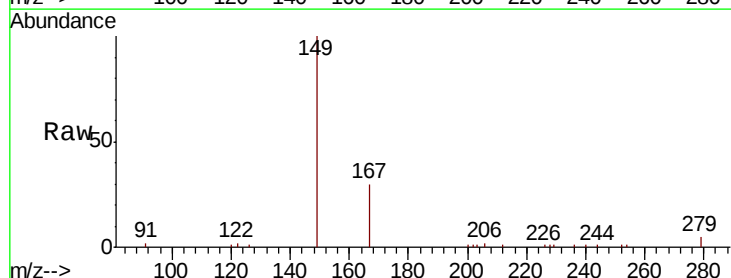
Tgt Ion:149 Resp: 13331

Ion Ratio Lower Upper

149 100

167 29.1 22.9 34.3

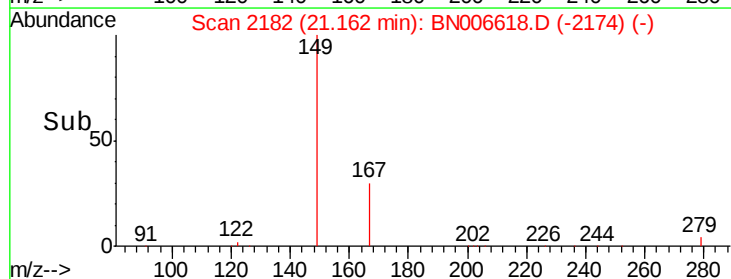
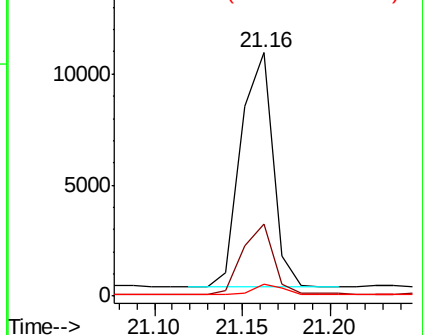
279 4.1 3.3 4.9

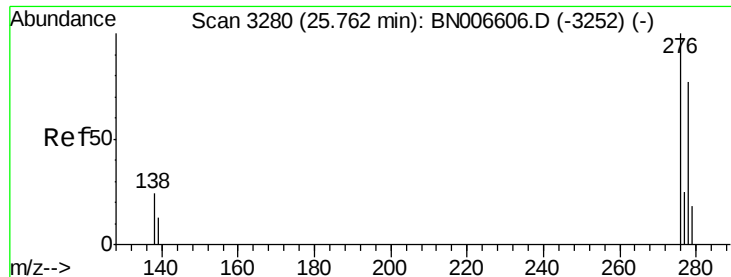


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.387 ng

RT: 25.72 min Scan# 3267

Delta R.T. -0.04 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

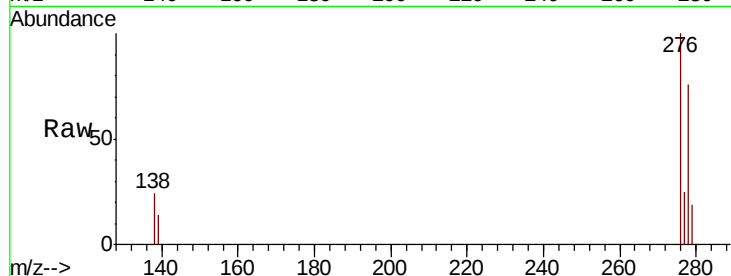
Tgt Ion:276 Resp: 34767

Ion Ratio Lower Upper

276 100

138 24.0 19.3 28.9

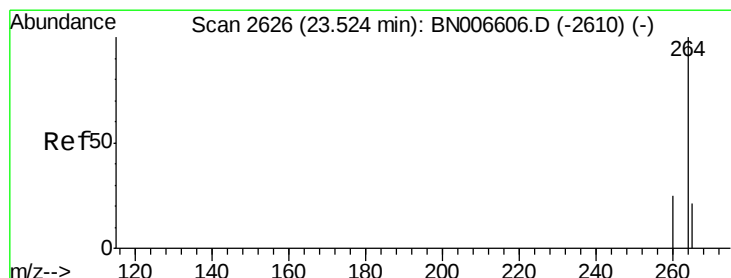
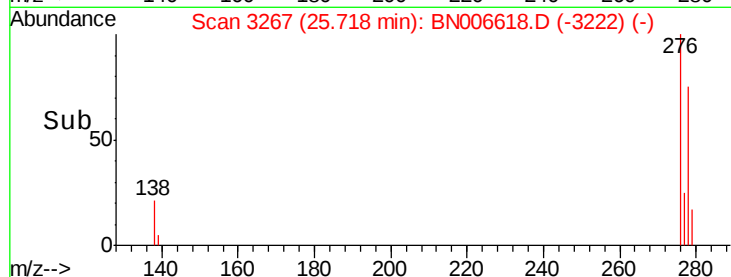
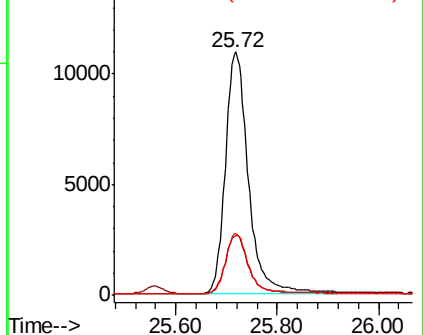
277 24.8 19.9 29.9



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: BN006618.D

Acq: 28 Jun 2019 18:08

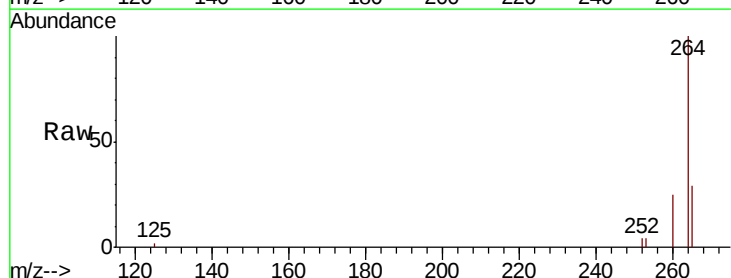
Tgt Ion:264 Resp: 25116

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

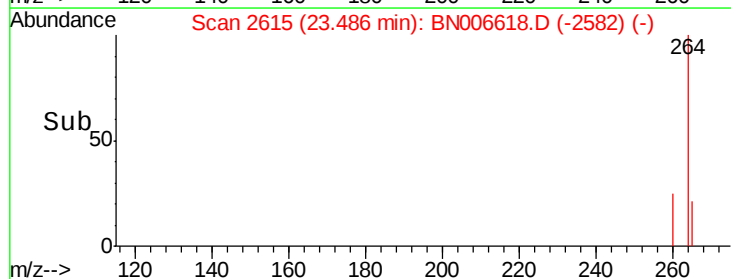
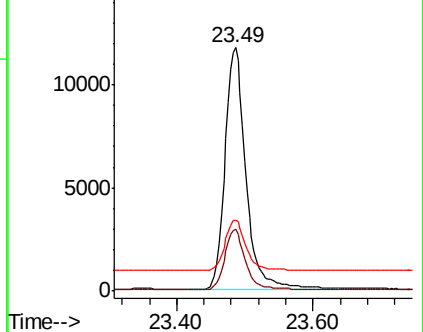
265 29.3 23.3 34.9



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: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

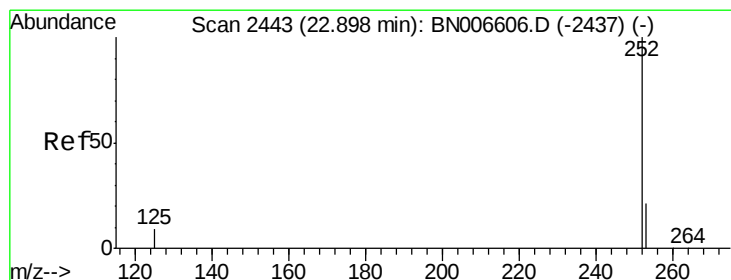
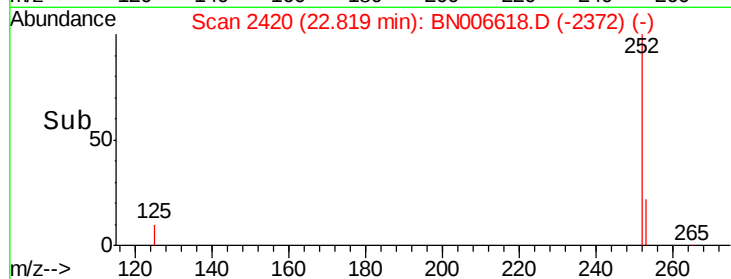
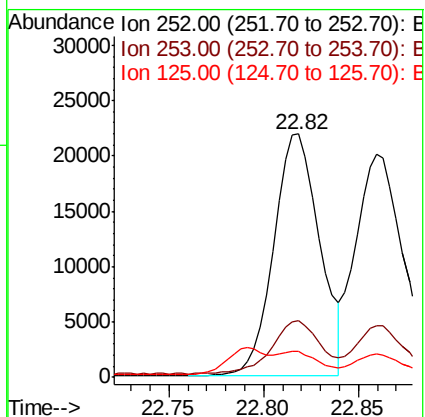
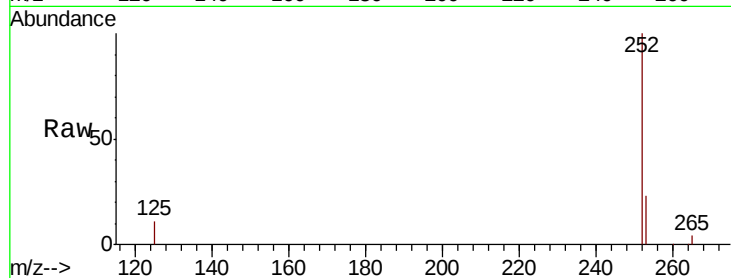
Tgt Ion:252 Resp: 36504

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

125 10.6 8.7 13.1



#36

Benzo(k)fluoranthene

Concen: 0.427 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.04 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

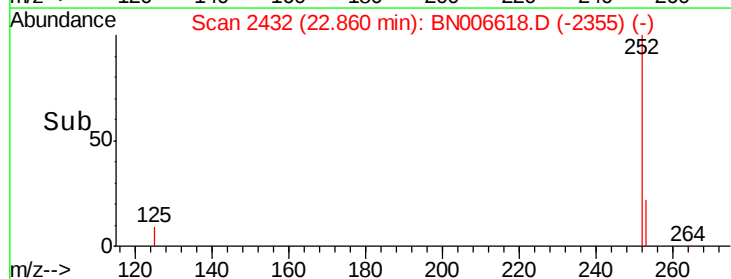
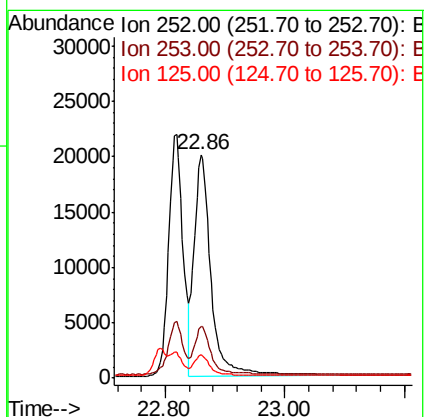
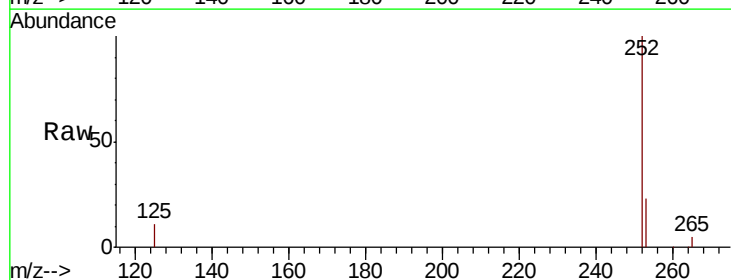
Tgt Ion:252 Resp: 38909

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

125 10.6 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.419 ng

RT: 23.39 min Scan# 2586

Delta R.T. -0.04 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

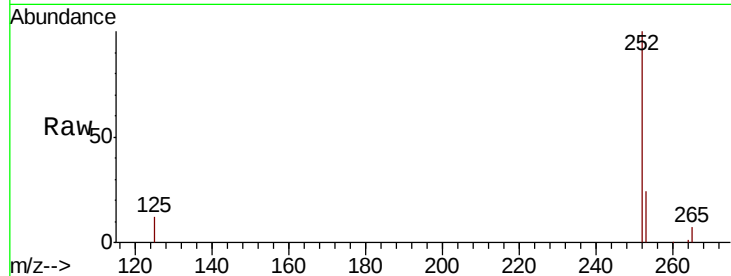
Tgt Ion:252 Resp: 33457

Ion Ratio Lower Upper

252 100

253 23.8 18.8 28.2

125 12.1 9.4 14.2

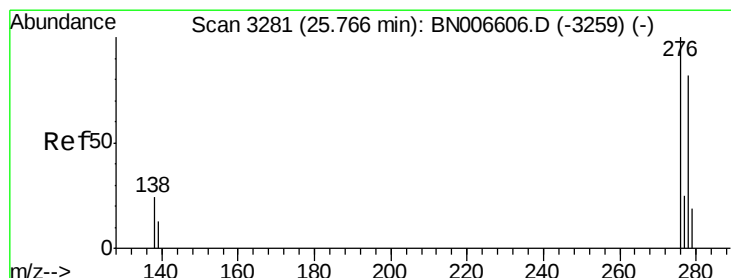
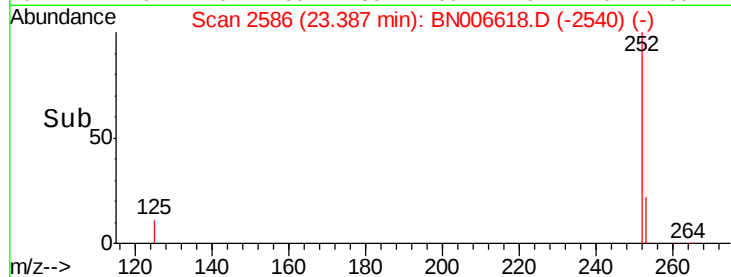
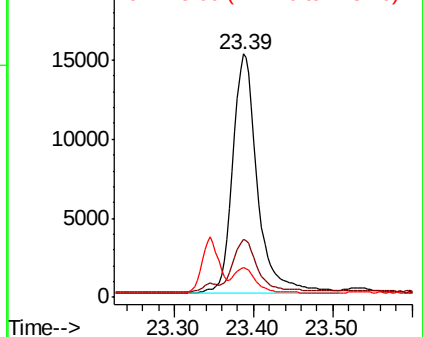


Abundance

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: 0.400 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.04 min

Lab File: BN006618.D

Acq: 28 Jun 2019 18:08

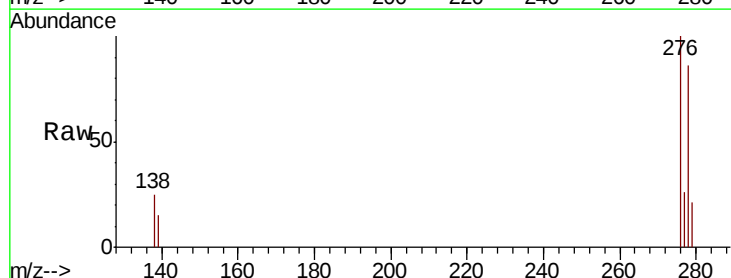
Tgt Ion:278 Resp: 27891

Ion Ratio Lower Upper

278 100

139 17.1 13.5 20.3

279 24.7 19.4 29.2

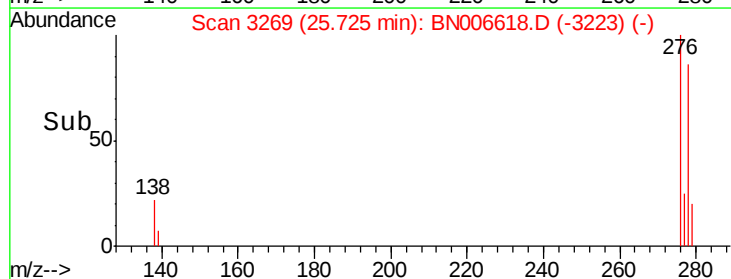
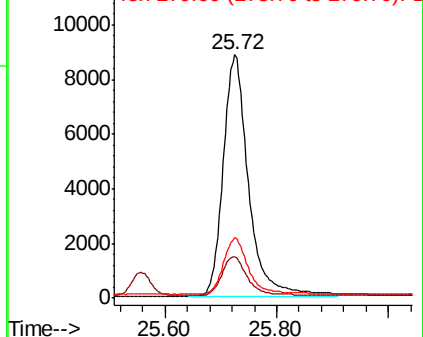


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.398 ng

RT: 26.40 min Scan# 3466

Delta R.T. -0.05 min

Lab File: BN006618.D

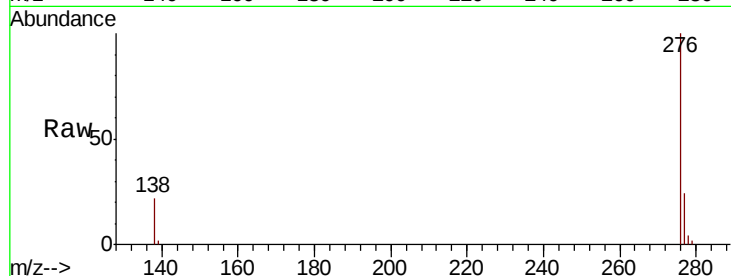
Acq: 28 Jun 2019 18:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



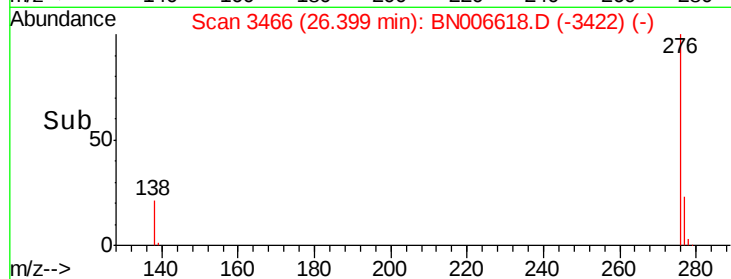
Tgt Ion: 276 Resp: 27747

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 21.8 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

