

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
 Data File : BN006670.D
 Acq On : 01 Jul 2019 21:40
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 02 05:07:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4665	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	18707	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	9992	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	20776	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	18633	0.40	ng	-0.02
34) Perylene-d12	23.48	264	21185	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	4702	0.41	ng	0.00
5) Phenol-d6	6.82	99	6341	0.42	ng	0.00
8) Nitrobenzene-d5	8.79	82	5180	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	11583	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1785	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	15890	0.43	ng	-0.01
25) Fluoranthene-d10	19.07	212	24161	0.40	ng	-0.01
29) Terphenyl-d14	19.68	244	17210	0.44	ng	0.00

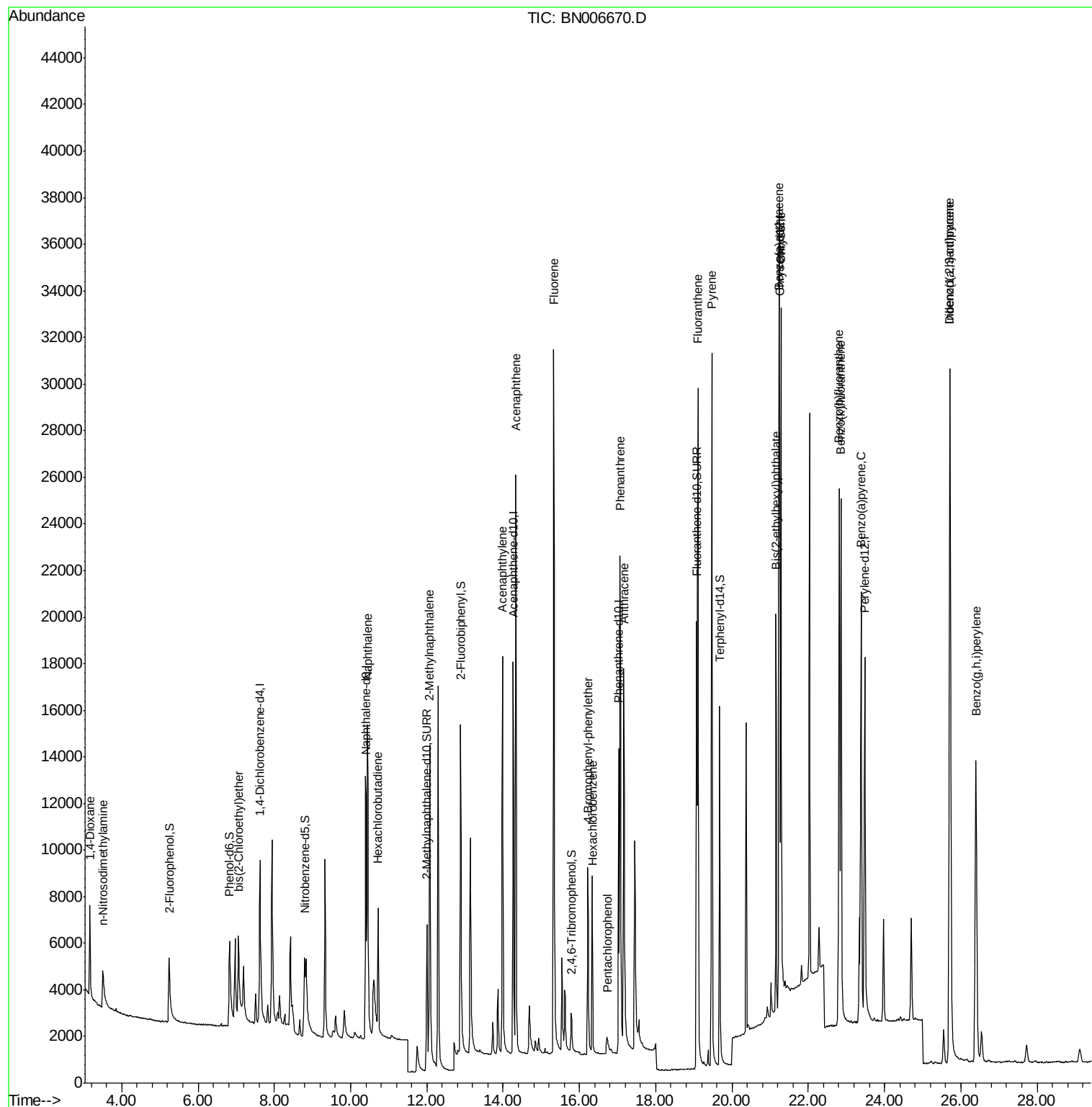
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2503	0.388	ng	97
3) n-Nitrosodimethylamine	3.50	42	1815	0.358	ng	# 96
6) bis(2-Chloroethyl)ether	7.06	93	5512	0.408	ng	99
9) Naphthalene	10.44	128	20703	0.421	ng	99
10) Hexachlorobutadiene	10.72	225	4321	0.428	ng	# 98
12) 2-Methylnaphthalene	12.07	142	13498	0.397	ng	99
16) Acenaphthylene	13.99	152	20526	0.431	ng	100
17) Acenaphthene	14.33	154	13354	0.425	ng	99
18) Fluorene	15.32	166	15978	0.404	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	4924	0.428	ng	# 87
21) Hexachlorobenzene	16.34	284	6299	0.433	ng	99
22) Pentachlorophenol	16.73	266	994	0.491	ng	97
23) Phenanthrene	17.07	178	24646	0.417	ng	100
24) Anthracene	17.16	178	21113	0.412	ng	100
26) Fluoranthene	19.11	202	28644	0.399	ng	100
28) Pyrene	19.47	202	29959	0.459	ng	100
30) Benzo(a)anthracene	21.24	228	25803	0.424	ng	99
31) Chrysene	21.29	228	28082	0.428	ng	100
32) Bis(2-ethylhexyl)phthalate	21.15	149	15388	0.502	ng	100
33) Indeno(1,2,3-cd)pyrene	25.71	276	34523	0.519	ng	99
35) Benzo(b)fluoranthene	22.81	252	29104	0.404	ng	98
36) Benzo(k)fluoranthene	22.86	252	30680	0.399	ng	97
37) Benzo(a)pyrene	23.39	252	28362	0.421	ng	97
38) Dibenzo(a,h)anthracene	25.72	278	27483	0.467	ng	97
39) Benzo(g,h,i)perylene	26.40	276	28206	0.480	ng	99

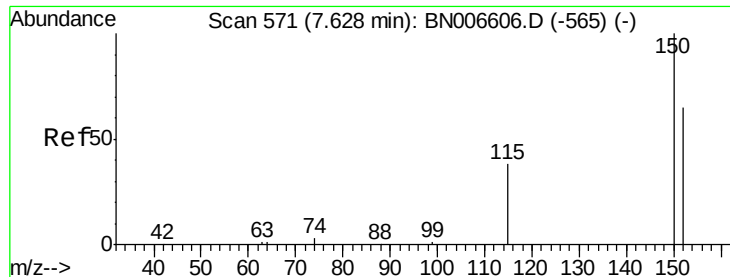
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 28 13:47:56 2019
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: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

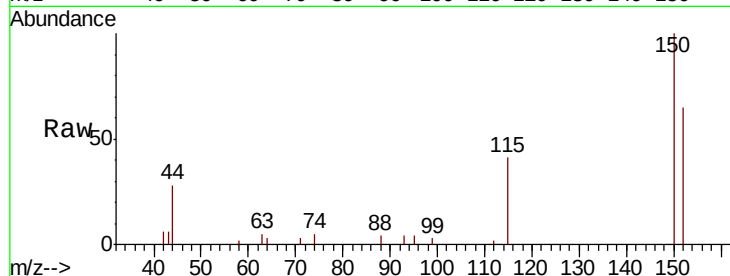
Tgt Ion:152 Resp: 4665

Ion Ratio Lower Upper

152 100

150 154.4 122.2 183.2

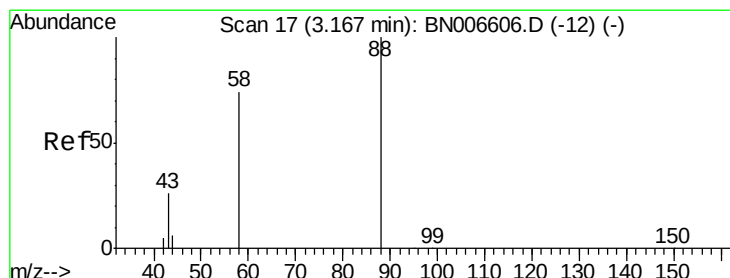
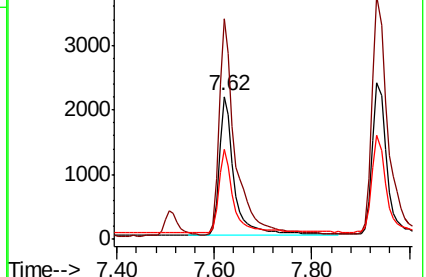
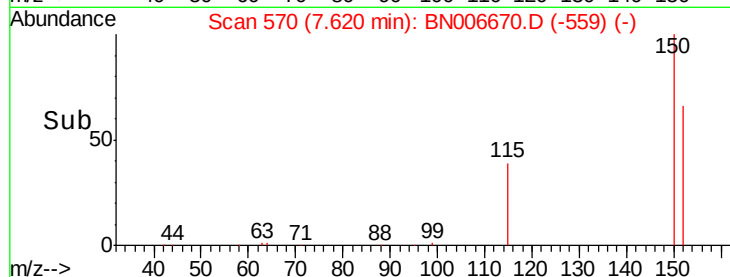
115 62.7 50.0 75.0



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: 0.388 ng

RT: 3.17 min Scan# 17

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

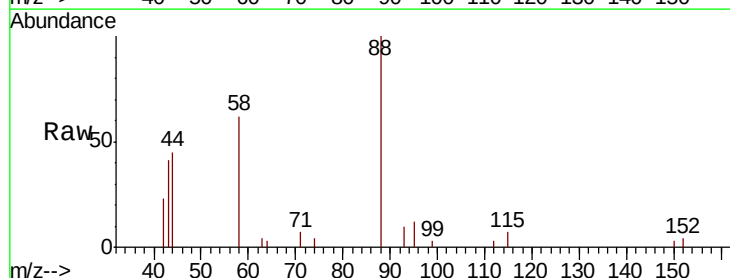
Tgt Ion: 88 Resp: 2503

Ion Ratio Lower Upper

88 100

58 81.2 62.5 93.7

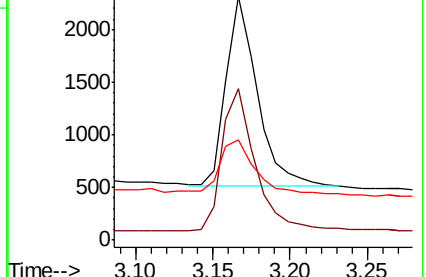
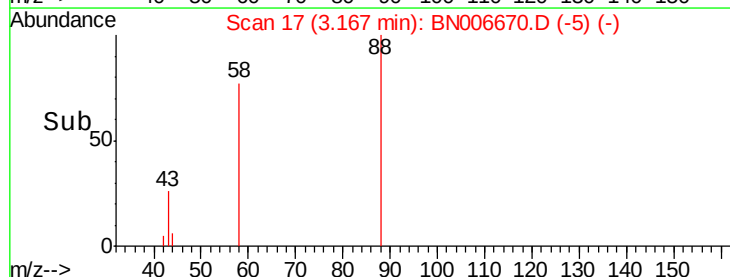
43 32.8 25.4 38.0

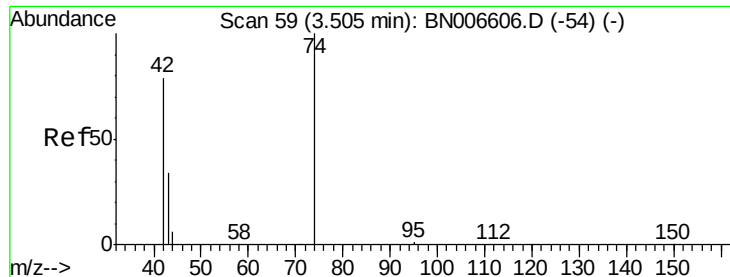


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.358 ng

RT: 3.50 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

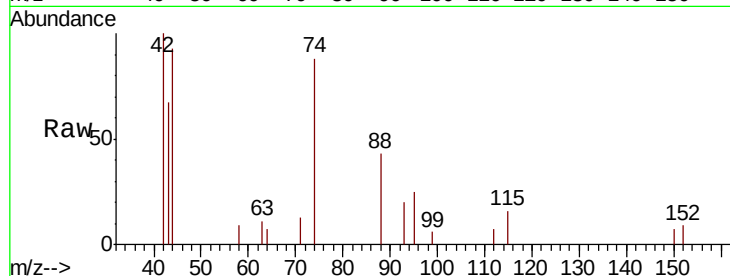
Tgt Ion: 42 Resp: 1815

Ion Ratio Lower Upper

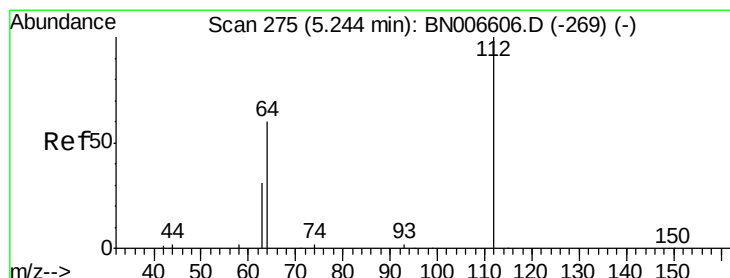
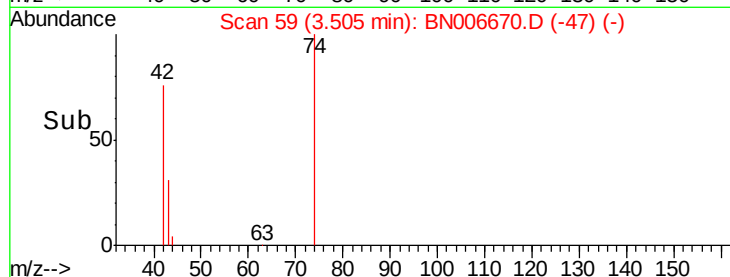
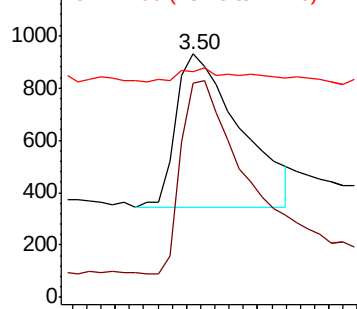
42 100

74 125.1 103.1 154.7

44 7.5 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: 0.411 ng

RT: 5.24 min Scan# 275

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

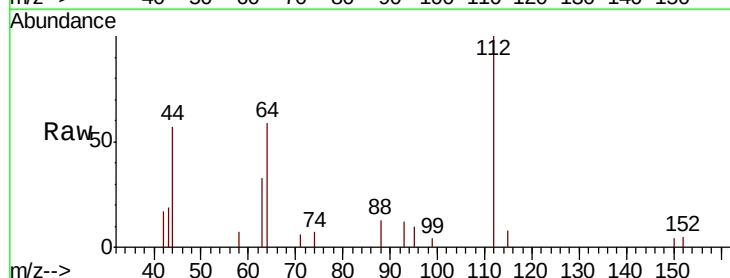
Tgt Ion: 112 Resp: 4702

Ion Ratio Lower Upper

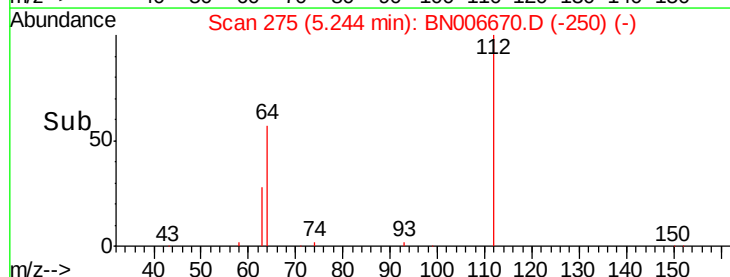
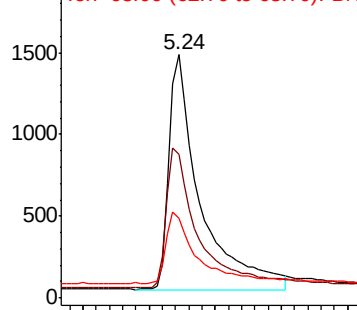
112 100

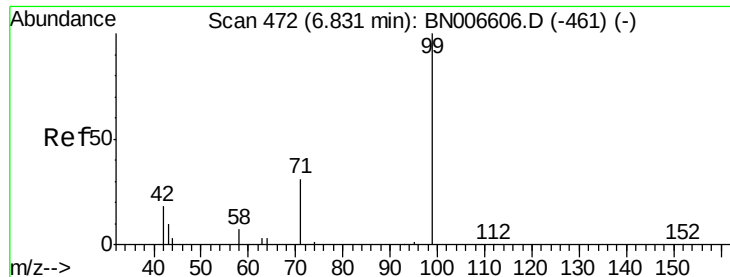
64 61.6 48.9 73.3

63 31.6 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.419 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

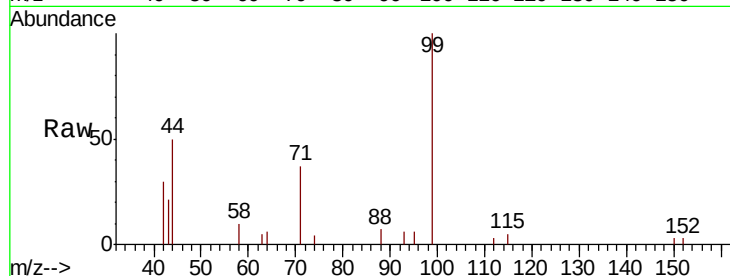
Tgt Ion: 99 Resp: 6341

Ion Ratio Lower Upper

99 100

42 20.7 16.4 24.6

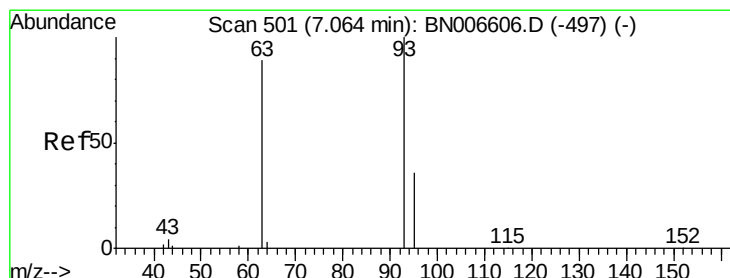
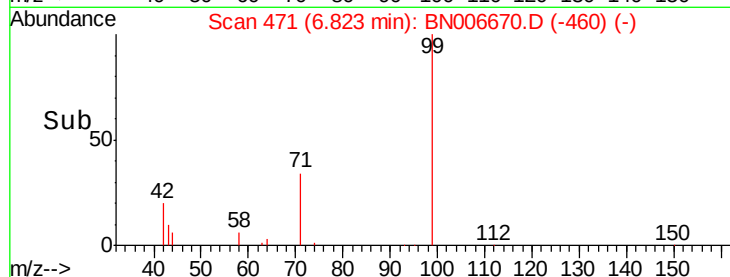
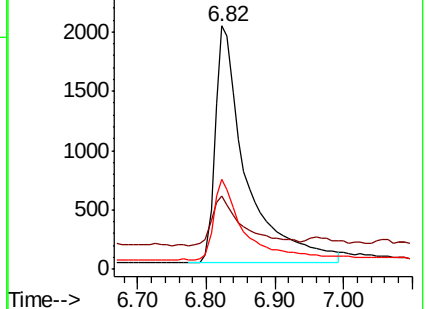
71 33.6 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006670.D (-461) (-)

Ion 42.00 (41.70 to 42.70): BN006670.D (-461) (-)

Ion 71.00 (70.70 to 71.70): BN006670.D (-461) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.408 ng

RT: 7.06 min Scan# 501

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

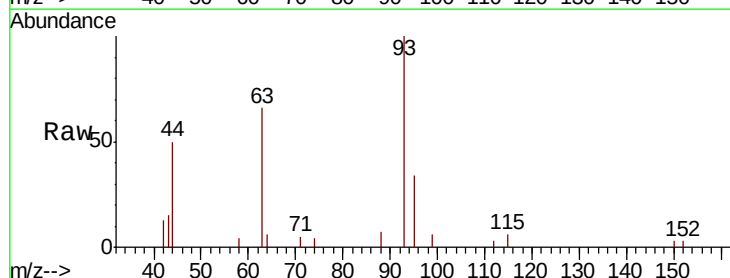
Tgt Ion: 93 Resp: 5512

Ion Ratio Lower Upper

93 100

63 65.9 52.5 78.7

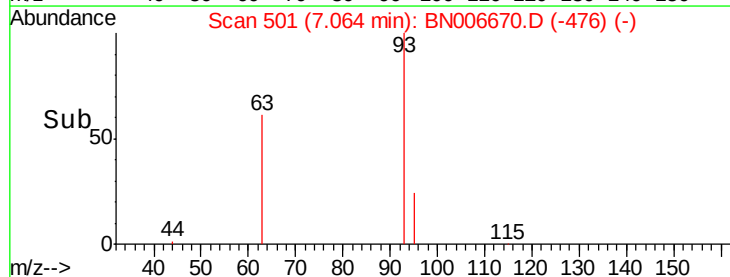
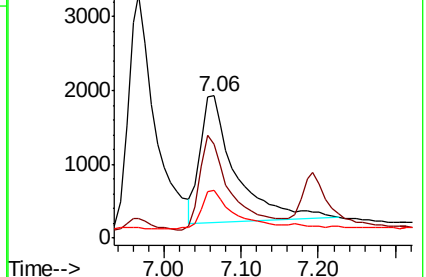
95 29.3 24.2 36.4

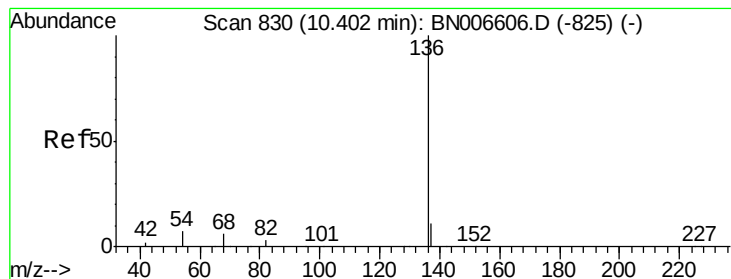


Abundance Ion 93.00 (92.70 to 93.70): BN006670.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN006670.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN006670.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 18707

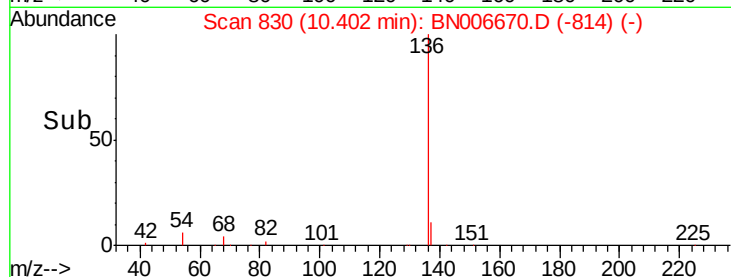
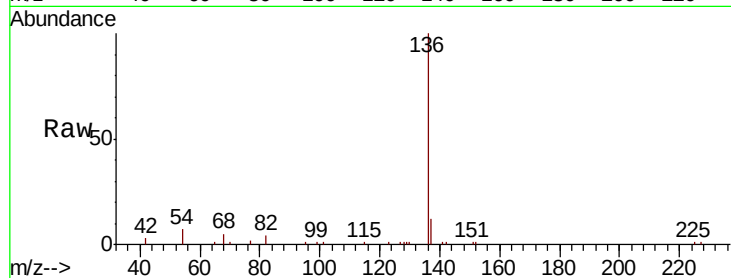
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 6.7 6.7 10.1#

68 5.5 5.3 7.9



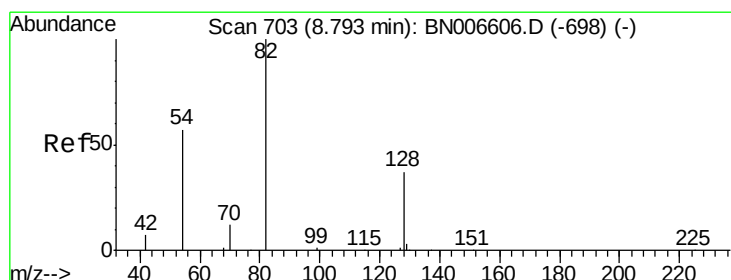
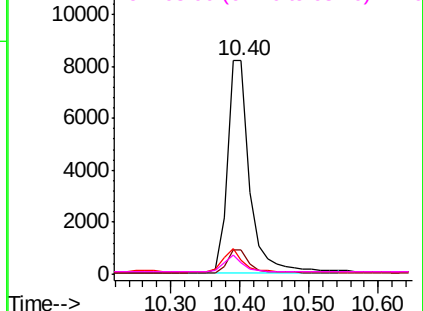
Abundance

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: 0.412 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

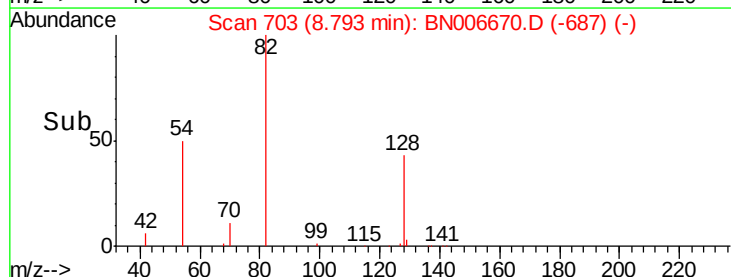
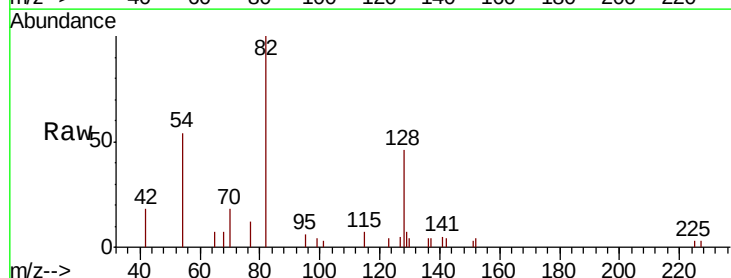
Tgt Ion: 82 Resp: 5180

Ion Ratio Lower Upper

82 100

128 45.7 32.6 49.0

54 53.7 48.2 72.4

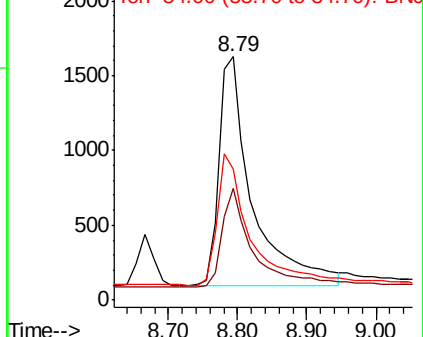


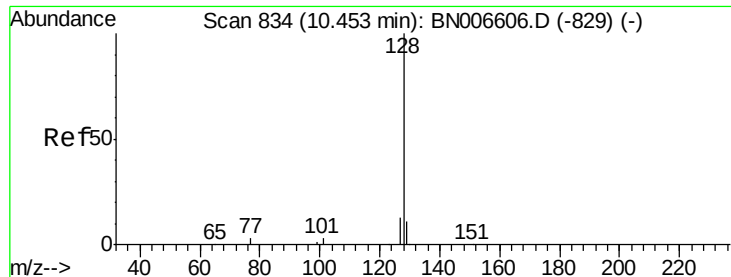
Abundance

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: 0.421 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.01 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

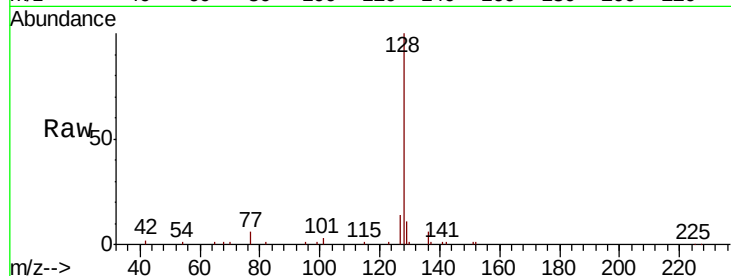
Tgt Ion:128 Resp: 20703

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

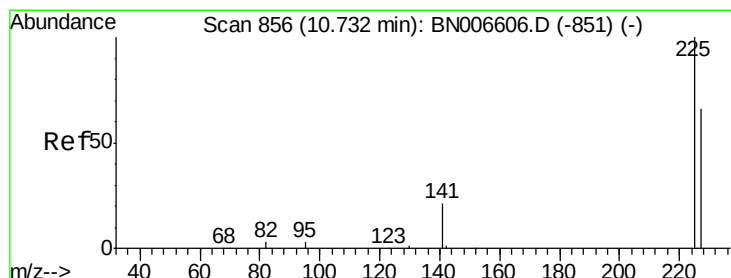
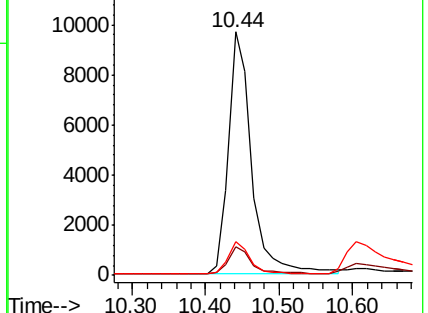
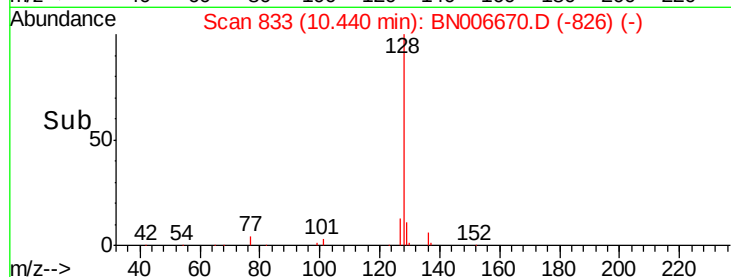
127 13.9 10.8 16.2



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: 0.428 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.01 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

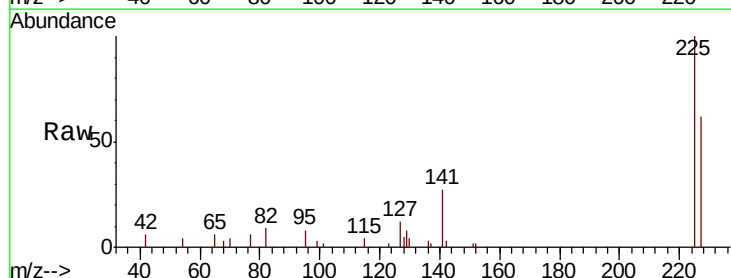
Tgt Ion:225 Resp: 4321

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

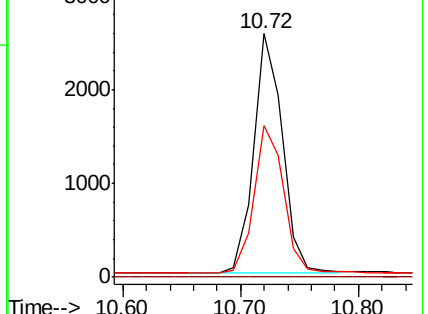
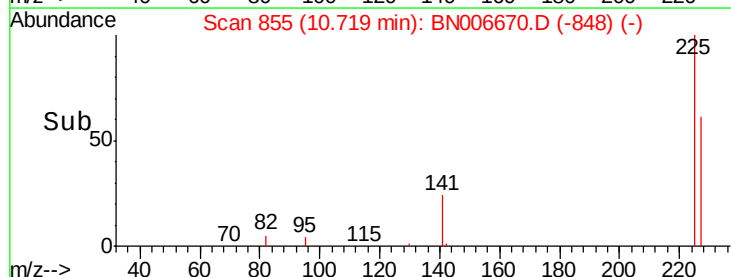
227 63.0 51.4 77.2

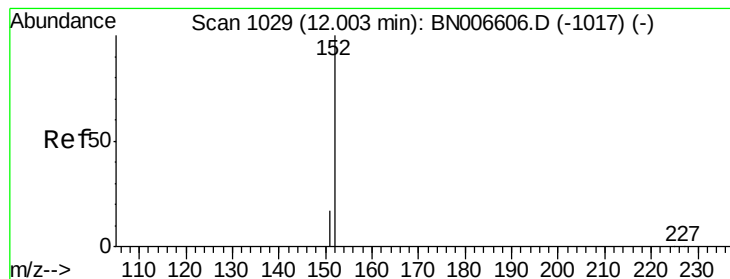


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 12.00 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

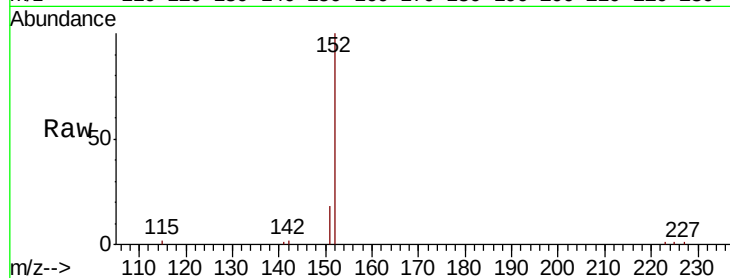
SSTDCCC0.4

Tgt Ion:152 Resp: 11583

Ion Ratio Lower Upper

152 100

151 18.8 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

6000

5000

4000

3000

2000

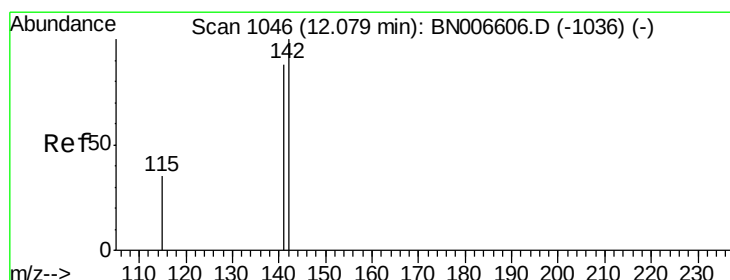
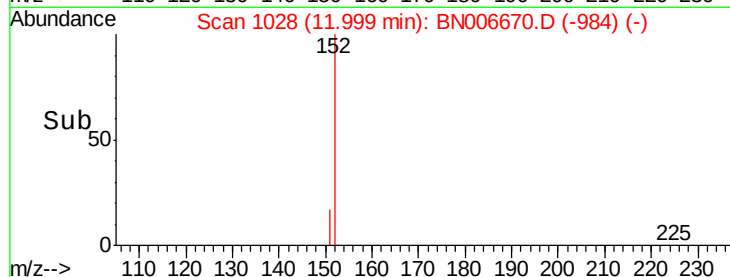
1000

0

12.00

12.20

Time-->



#12

2-Methylnaphthalene

Concen: 0.397 ng

RT: 12.07 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

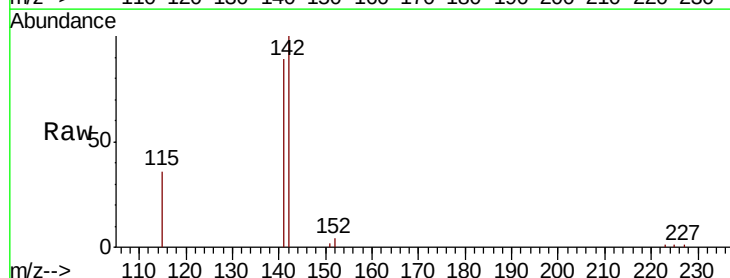
Tgt Ion:142 Resp: 13498

Ion Ratio Lower Upper

142 100

141 89.4 70.2 105.4

115 35.8 28.5 42.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

10000

8000

6000

4000

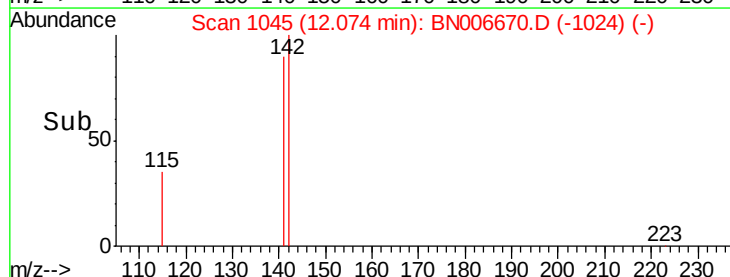
2000

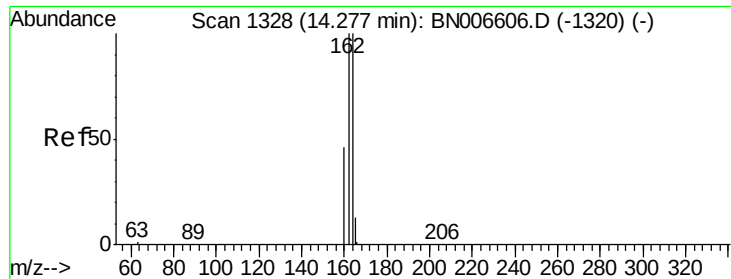
0

12.00

12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

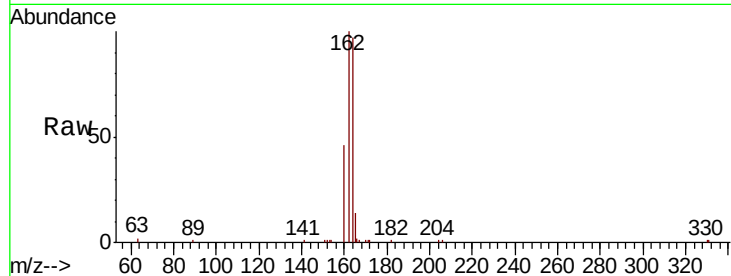
Tgt Ion:164 Resp: 9992

Ion Ratio Lower Upper

164 100

162 103.1 80.0 120.0

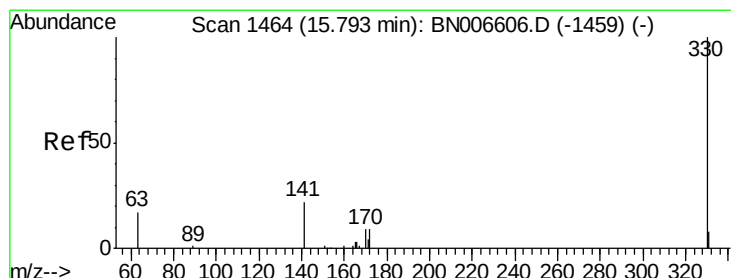
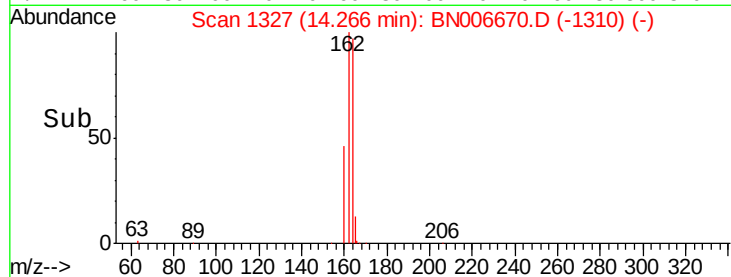
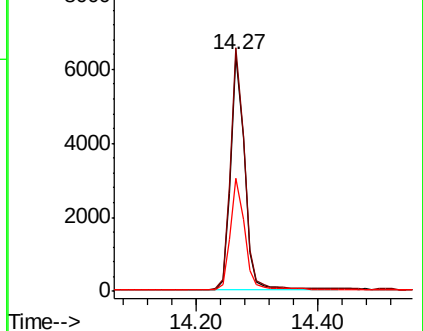
160 47.7 37.0 55.4



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: 0.379 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

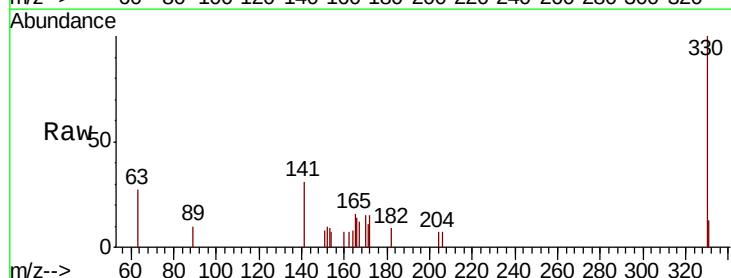
Tgt Ion:330 Resp: 1785

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

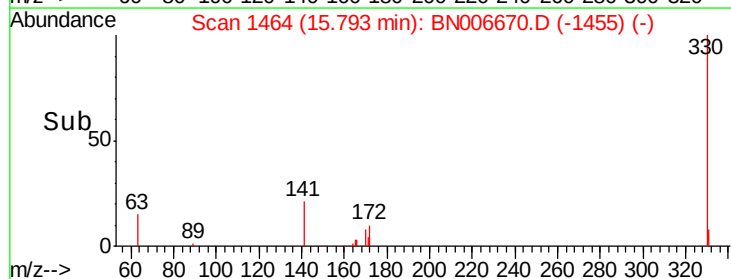
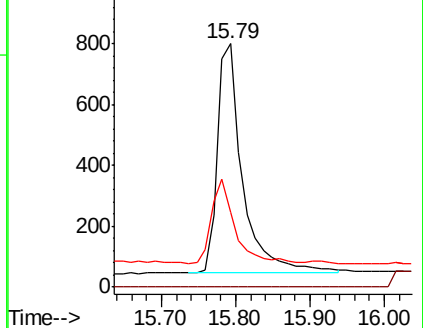
141 34.3 26.5 39.7

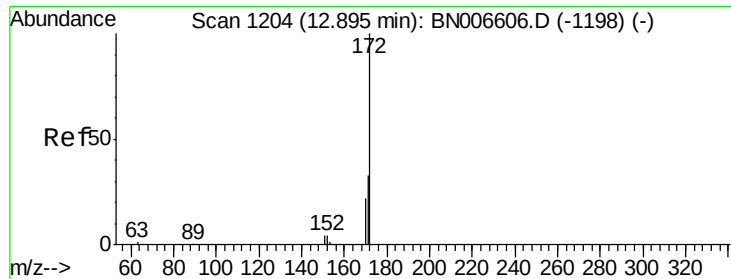


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

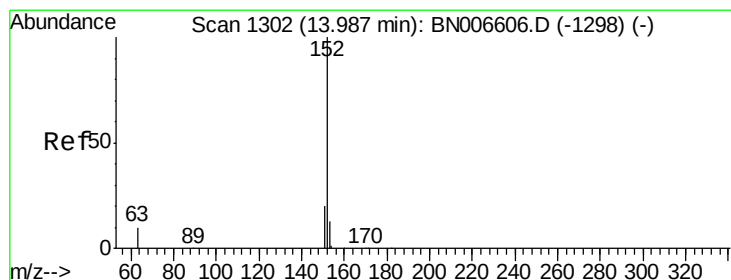
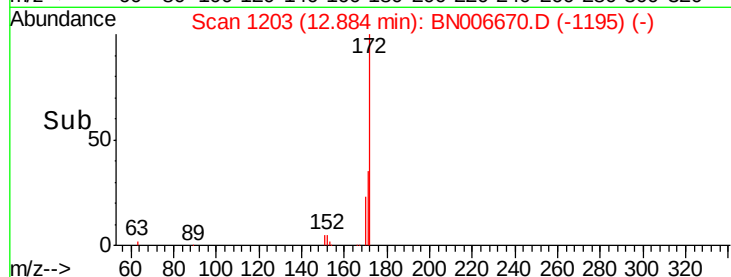
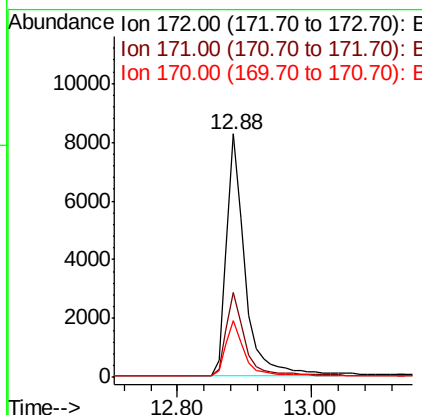
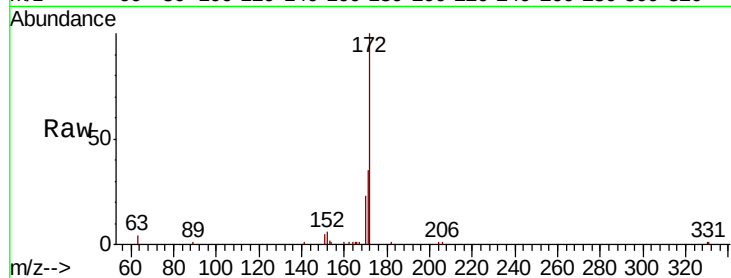




#15
 2-Fluorobiphenyl
 Concen: 0.429 ng
 RT: 12.88 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BN006670.D
 Acq: 01 Jul 2019 21:40

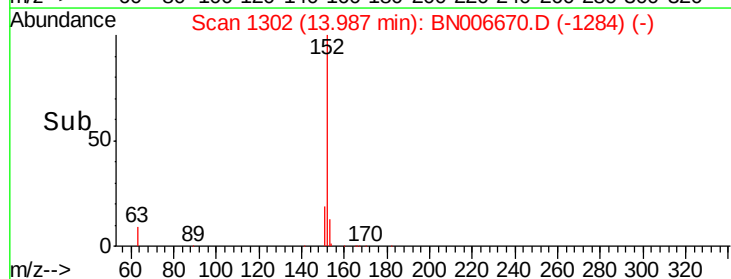
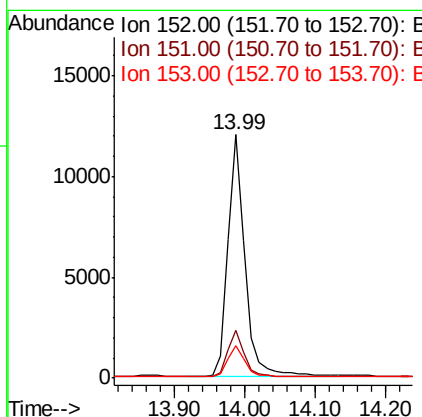
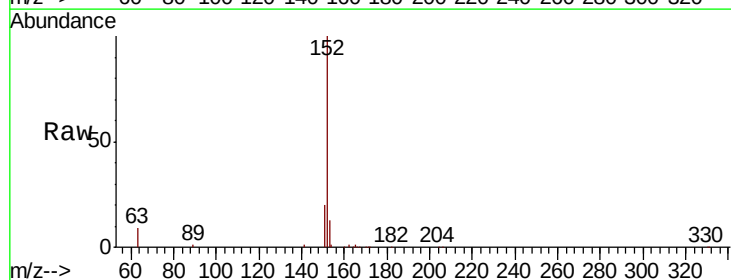
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

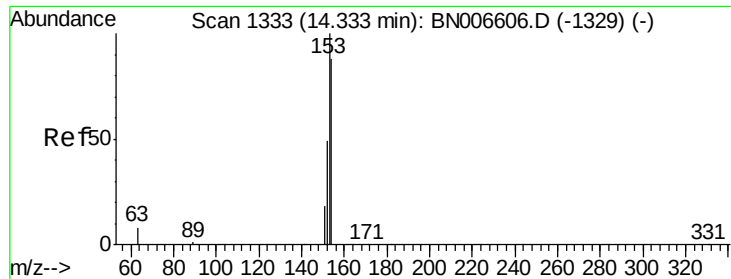
Tgt Ion:172 Resp: 15890
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.0 40.4
 170 23.3 17.7 26.5



#16
 Acenaphthylene
 Concen: 0.431 ng
 RT: 13.99 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BN006670.D
 Acq: 01 Jul 2019 21:40

Tgt Ion:152 Resp: 20526
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.6 23.4
 153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.425 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

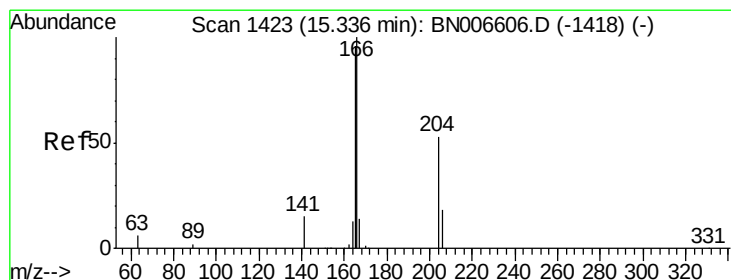
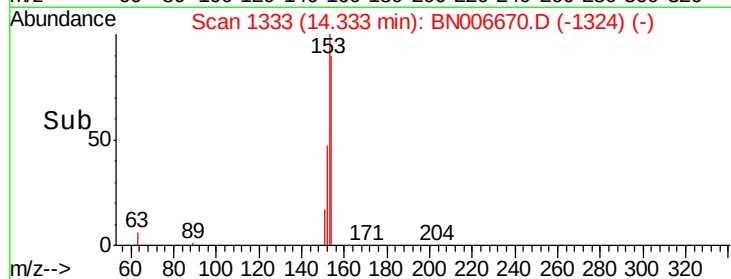
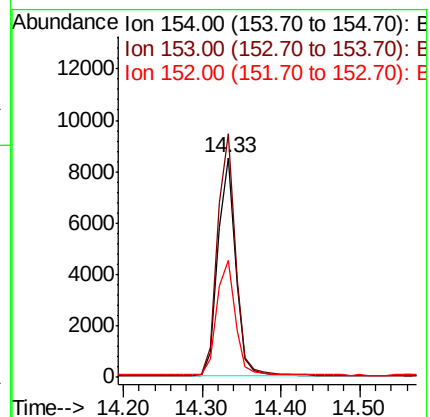
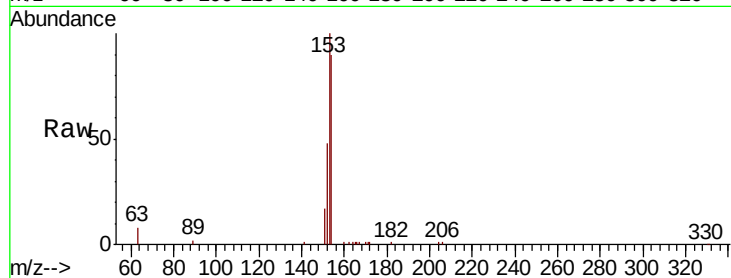
Tgt Ion:154 Resp: 13354

Ion Ratio Lower Upper

154 100

153 112.3 90.2 135.4

152 54.7 44.2 66.4



#18

Fluorene

Concen: 0.404 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

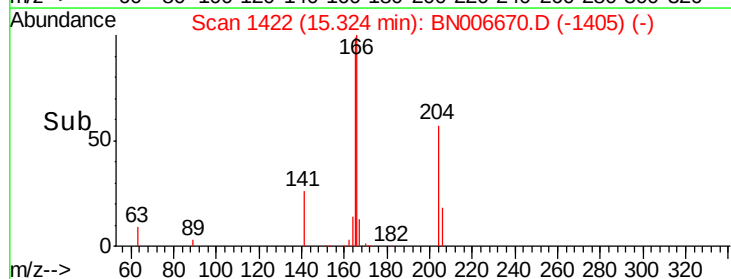
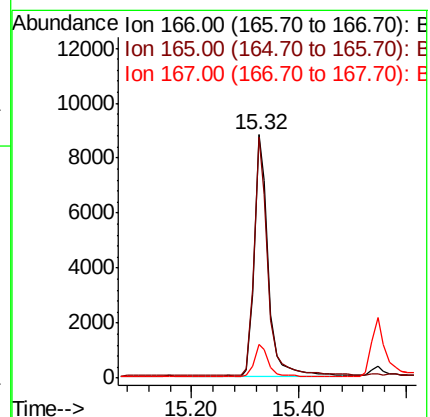
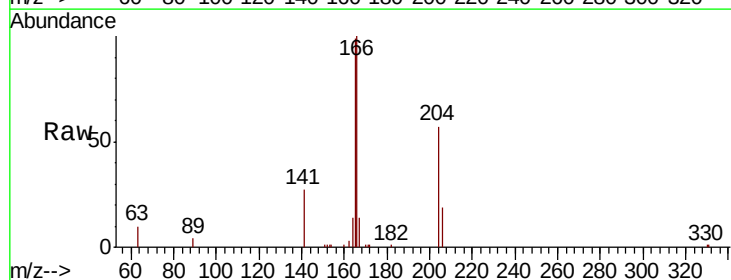
Tgt Ion:166 Resp: 15978

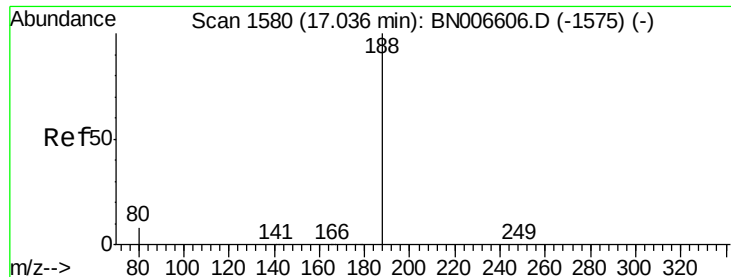
Ion Ratio Lower Upper

166 100

165 97.4 78.4 117.6

167 13.5 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

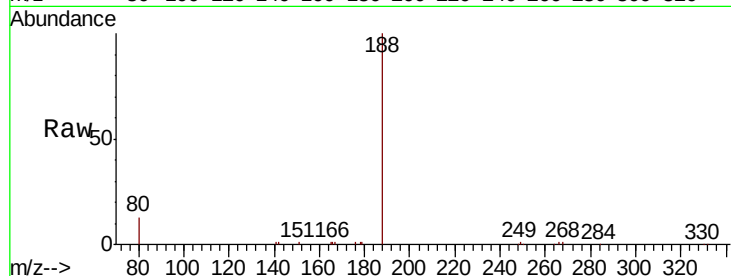
Tgt Ion:188 Resp: 20776

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

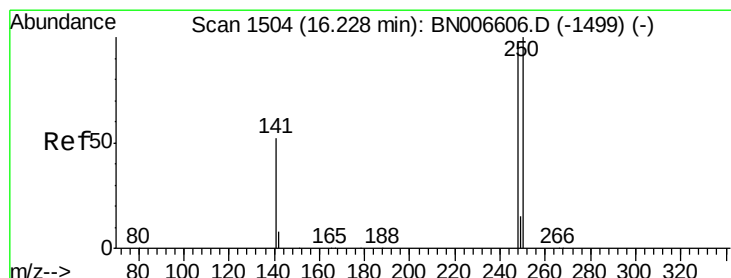
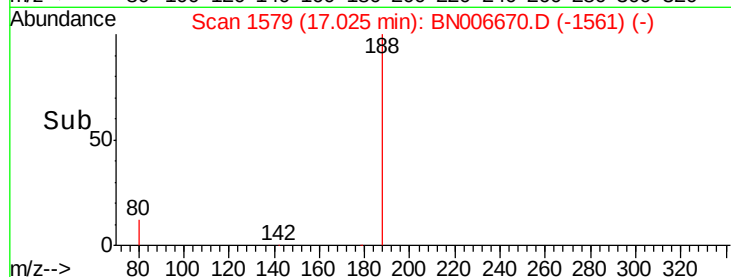
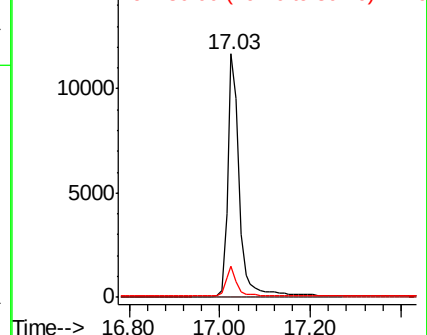
80 12.8 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.428 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

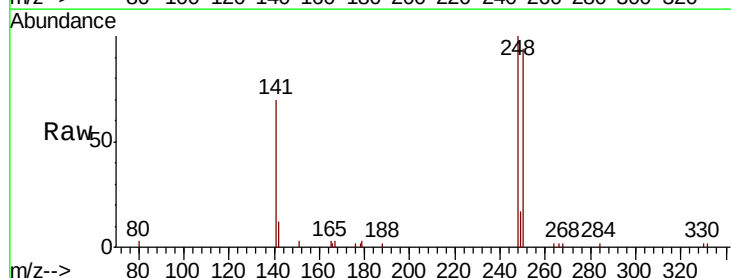
Tgt Ion:248 Resp: 4924

Ion Ratio Lower Upper

248 100

250 93.7 82.2 123.4

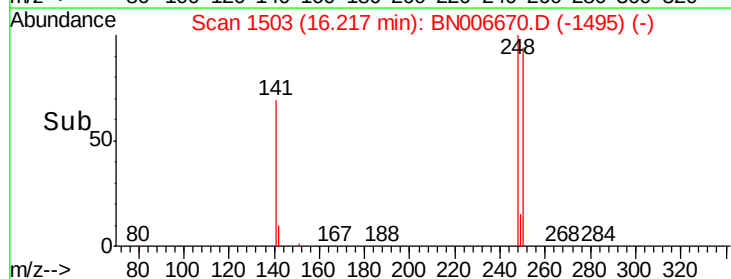
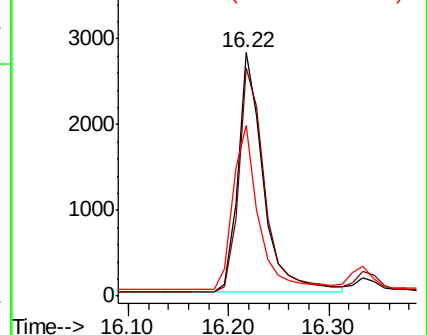
141 70.1 43.8 65.8#

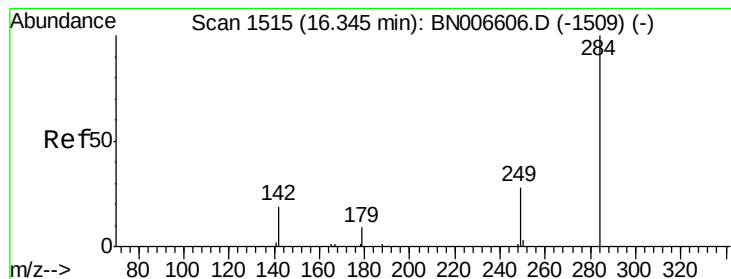


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.433 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

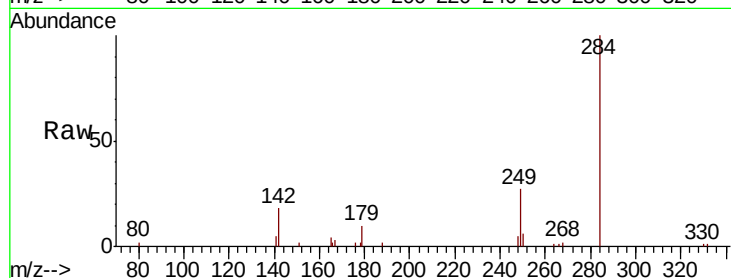
Tgt Ion:284 Resp: 6299

Ion Ratio Lower Upper

284 100

142 33.8 27.5 41.3

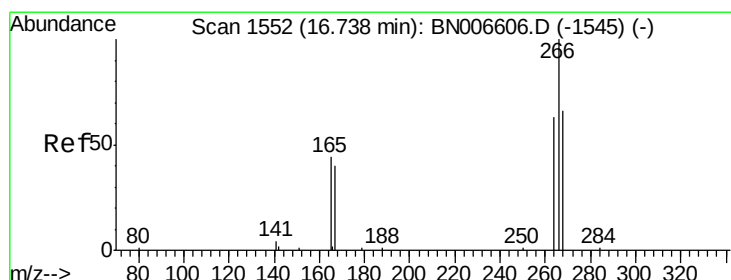
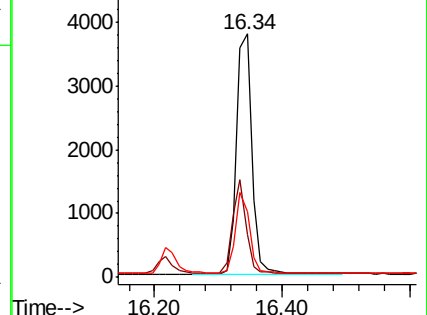
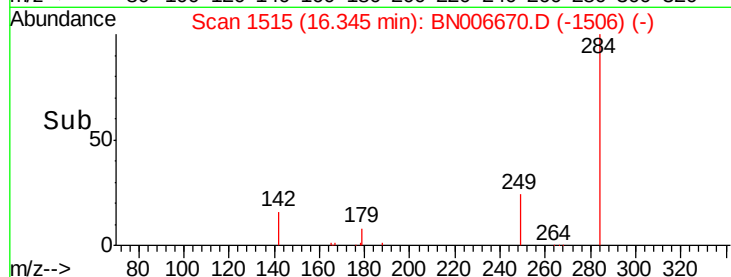
249 30.9 24.7 37.1



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: 0.491 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

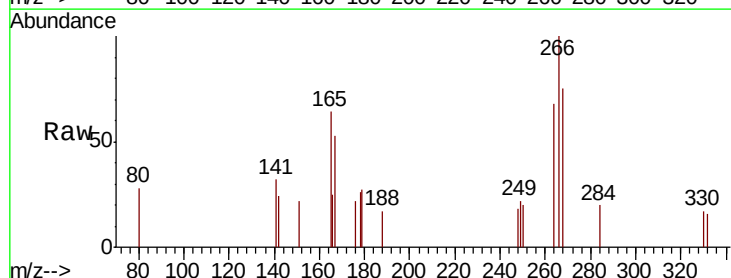
Tgt Ion:266 Resp: 994

Ion Ratio Lower Upper

266 100

264 68.0 56.2 84.4

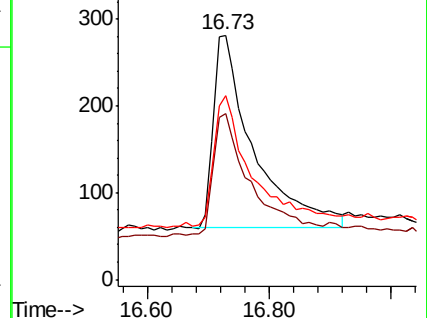
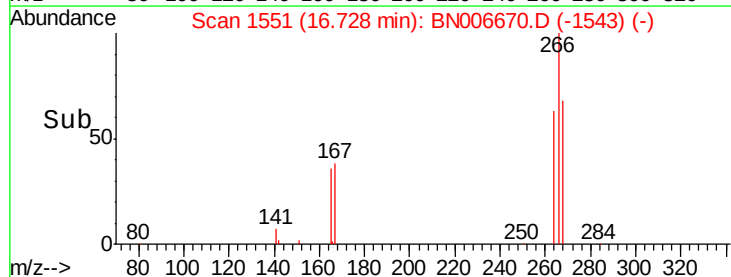
268 75.4 63.0 94.4

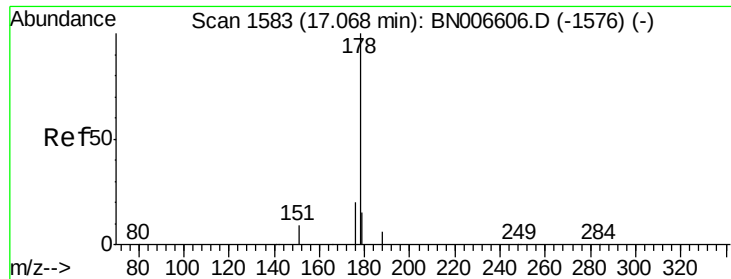


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.417 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

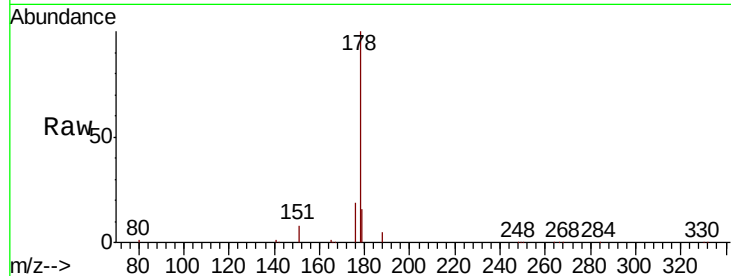
Tgt Ion:178 Resp: 24646

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.4 12.2 18.4

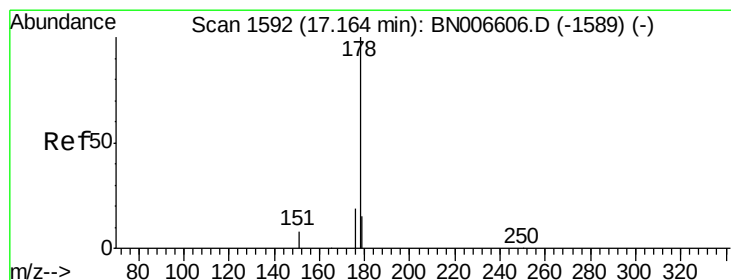
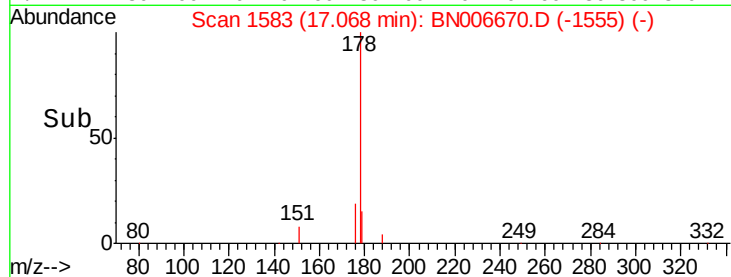
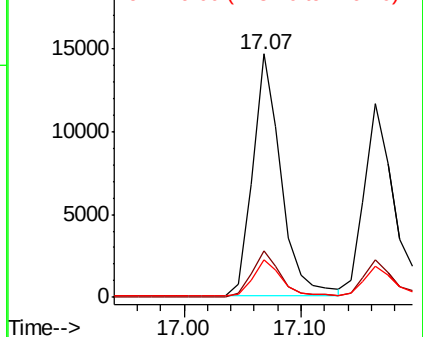


Abundance

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: 0.412 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

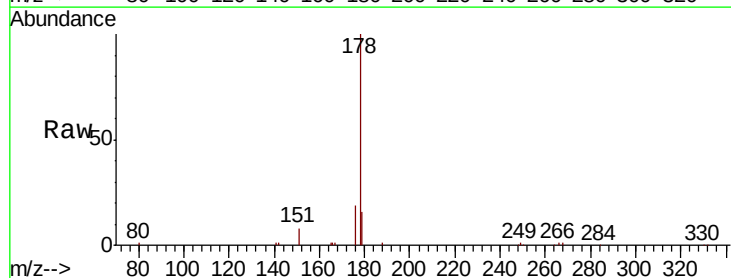
Tgt Ion:178 Resp: 21113

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 14.9 12.2 18.2

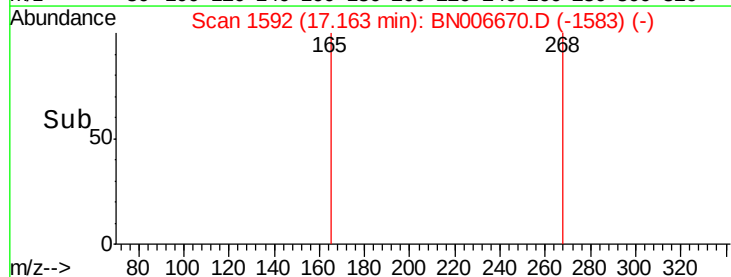
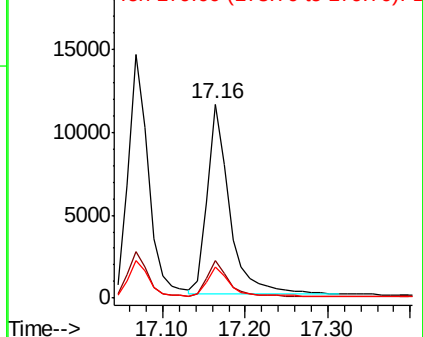


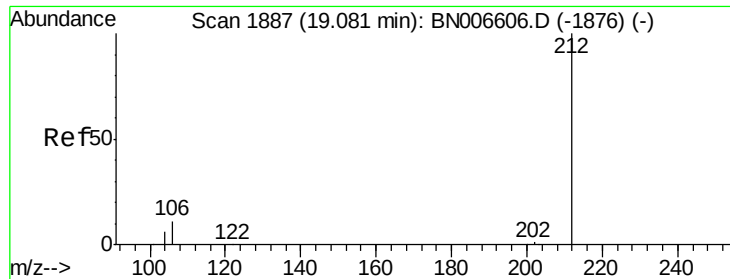
Abundance

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: 0.396 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

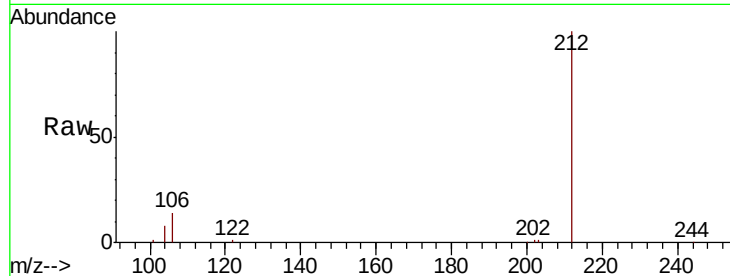
Tgt Ion:212 Resp: 24161

Ion Ratio Lower Upper

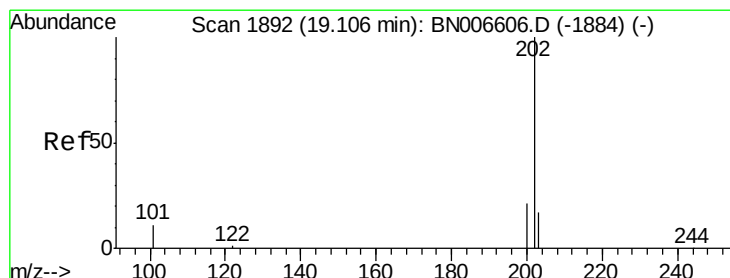
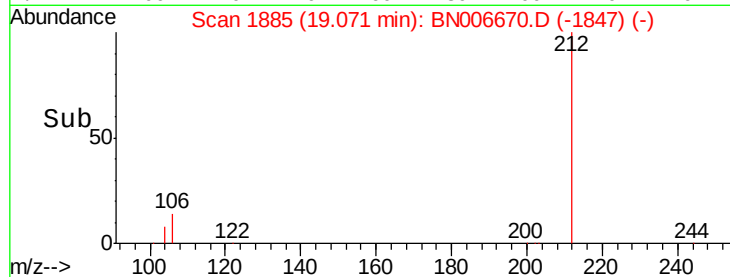
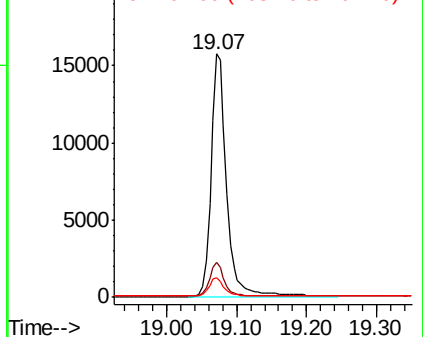
212 100

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: 0.399 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

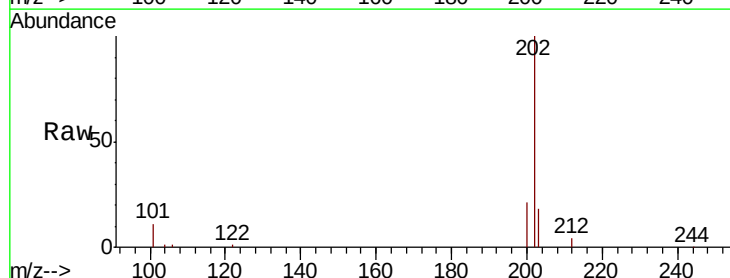
Tgt Ion:202 Resp: 28644

Ion Ratio Lower Upper

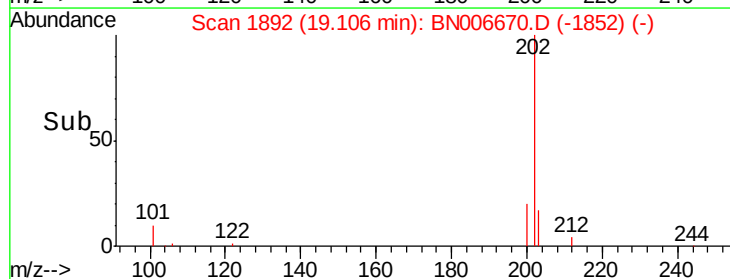
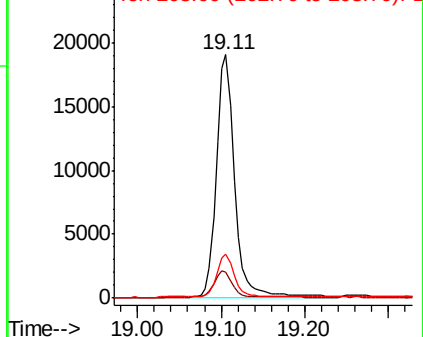
202 100

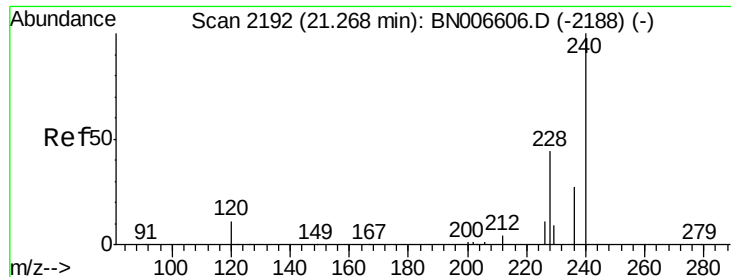
101 11.0 8.9 13.3

203 17.2 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: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

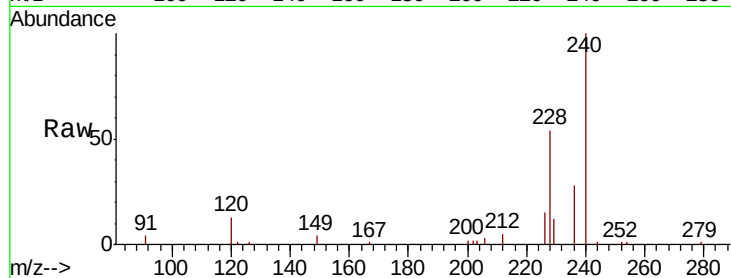
Tgt Ion:240 Resp: 18633

Ion Ratio Lower Upper

240 100

120 13.3 9.9 14.9

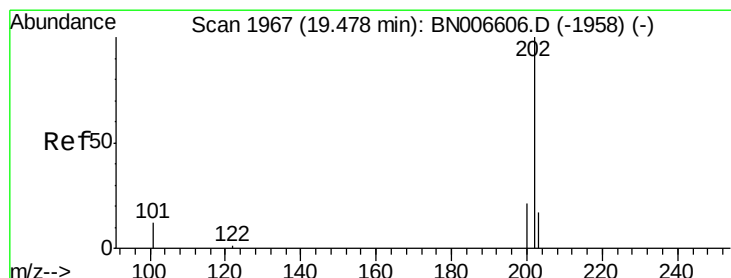
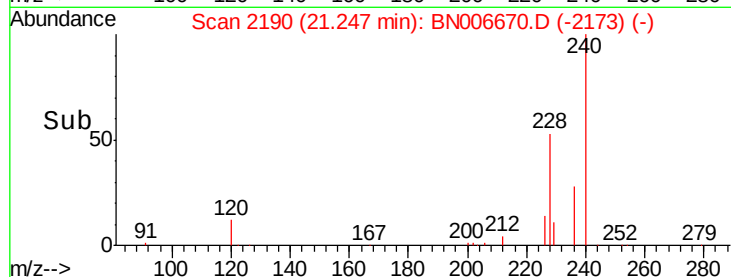
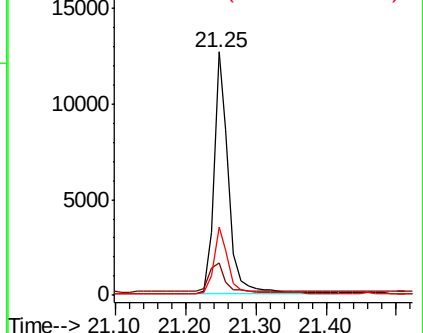
236 28.1 22.2 33.4



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: 0.459 ng

RT: 19.47 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

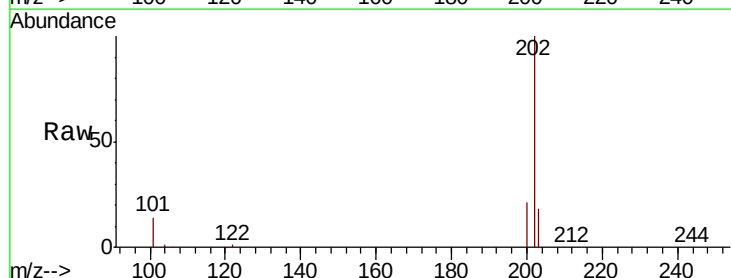
Tgt Ion:202 Resp: 29959

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

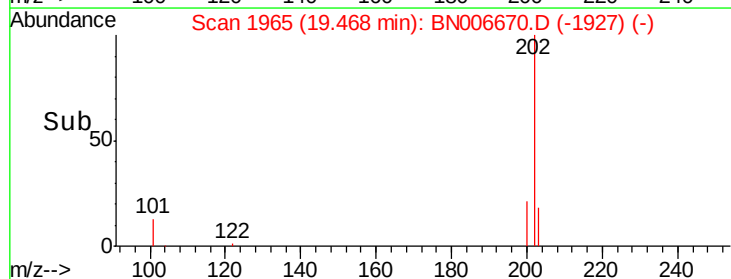
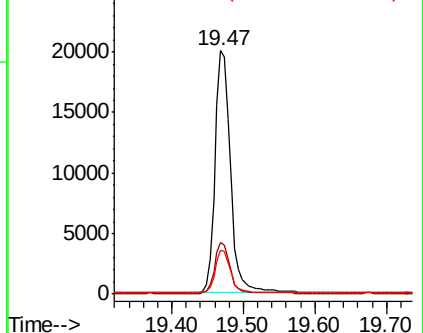
203 17.6 14.1 21.1

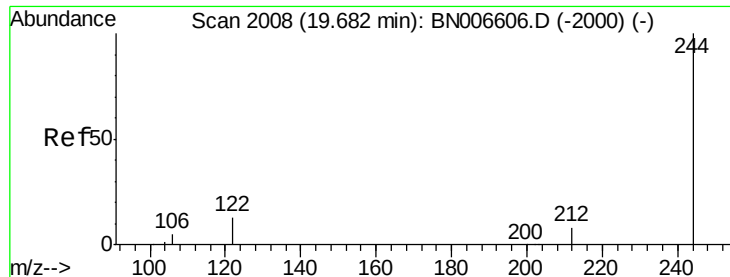


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.441 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

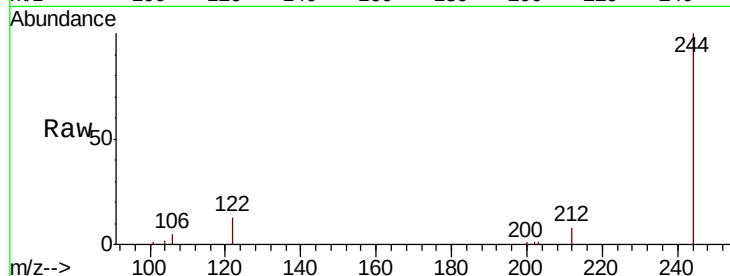
Tgt Ion:244 Resp: 17210

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

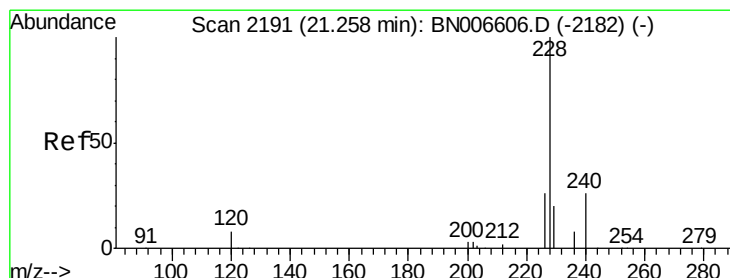
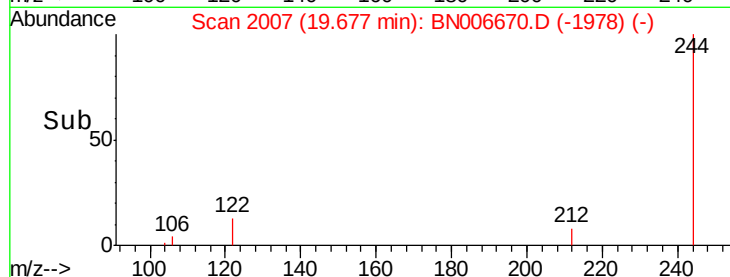
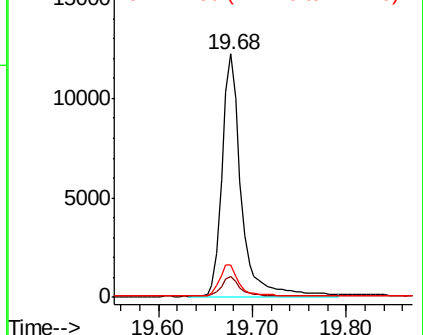
122 13.2 11.0 16.6



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: 0.424 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

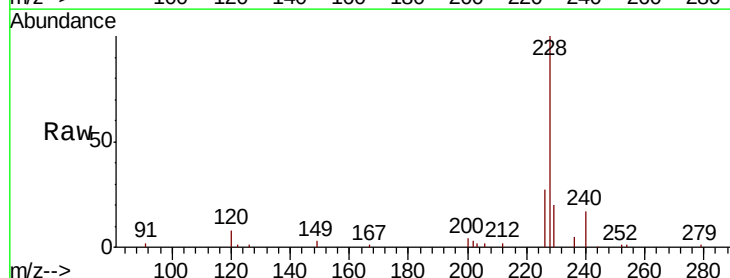
Tgt Ion:228 Resp: 25803

Ion Ratio Lower Upper

228 100

226 26.9 21.2 31.8

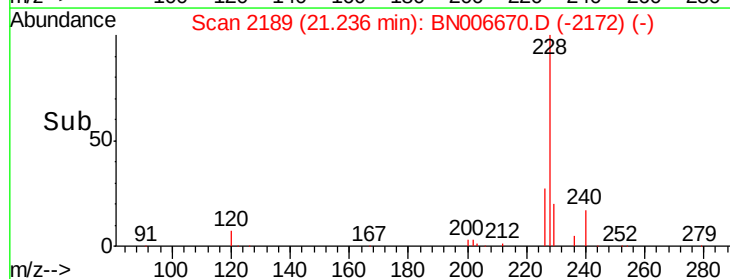
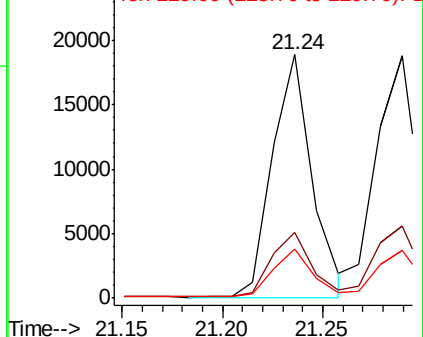
229 19.9 16.1 24.1

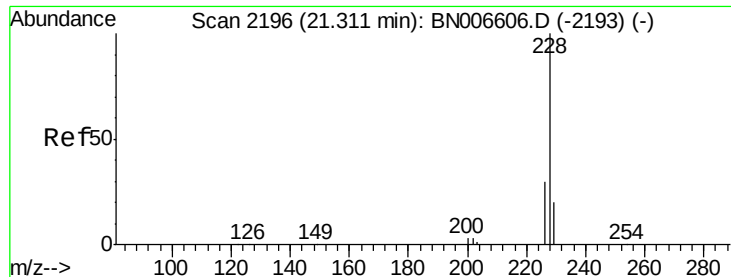


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.428 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

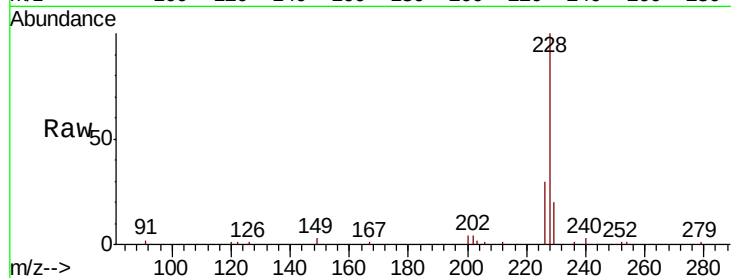
Tgt Ion: 228 Resp: 28082

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.8 15.9 23.9

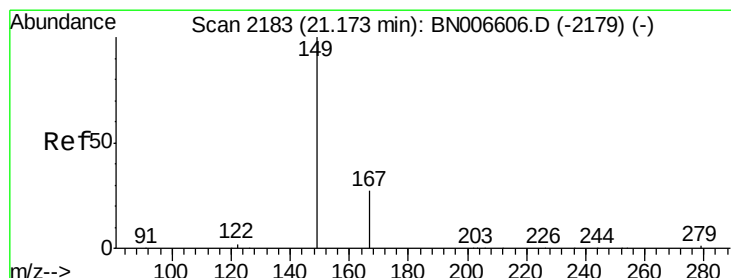
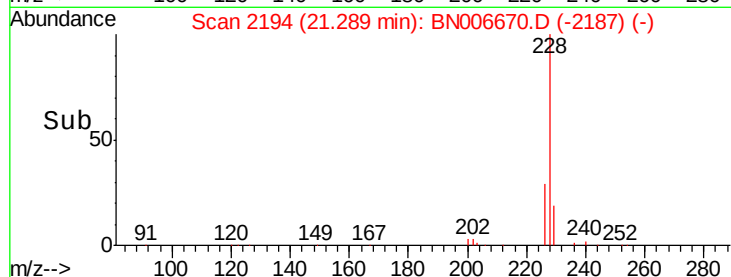
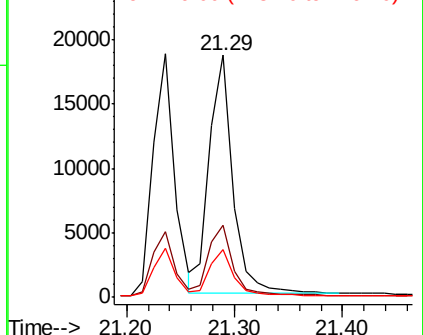


Abundance

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: 0.502 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

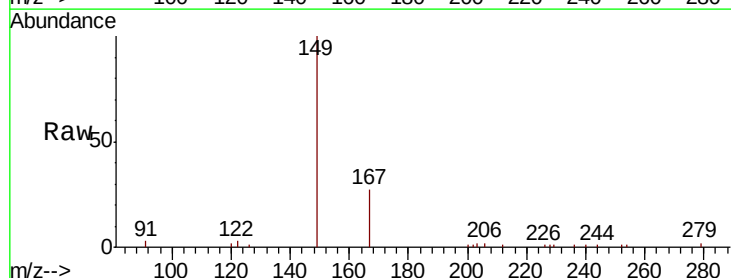
Tgt Ion: 149 Resp: 15388

Ion Ratio Lower Upper

149 100

167 28.7 22.9 34.3

279 4.1 3.3 4.9

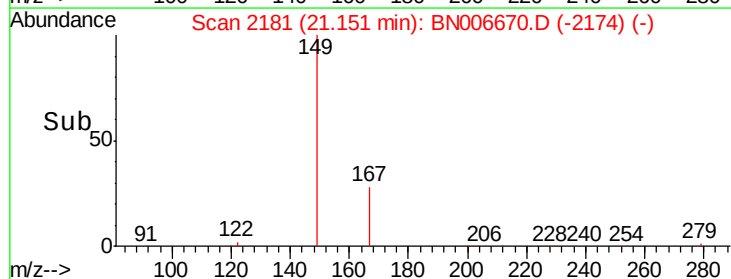
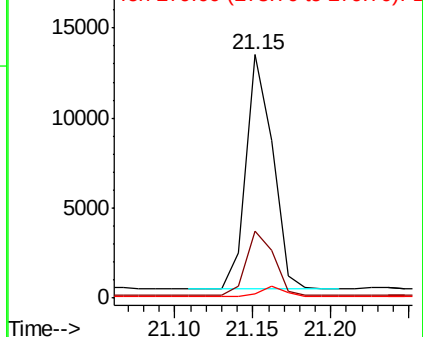


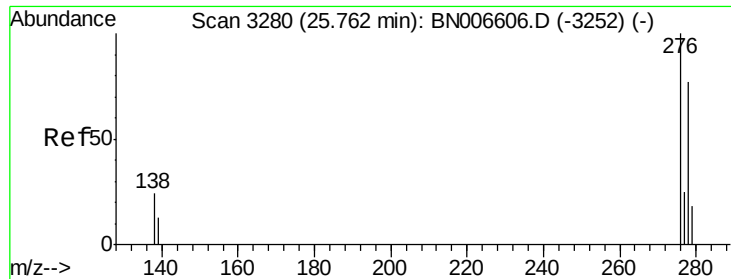
Abundance

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: 0.519 ng

RT: 25.71 min Scan# 3266

Delta R.T. -0.05 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

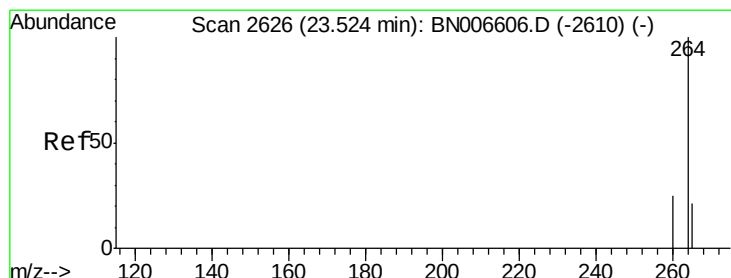
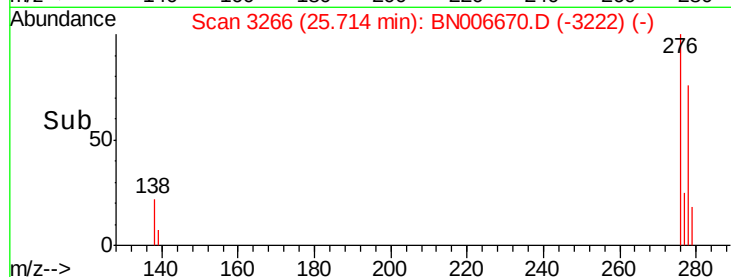
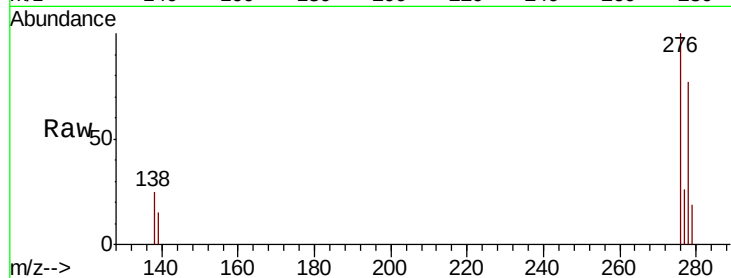
Tgt Ion: 276 Resp: 34523

Ion Ratio Lower Upper

276 100

138 24.3 19.3 28.9

277 24.4 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.48 min Scan# 2614

Delta R.T. -0.04 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

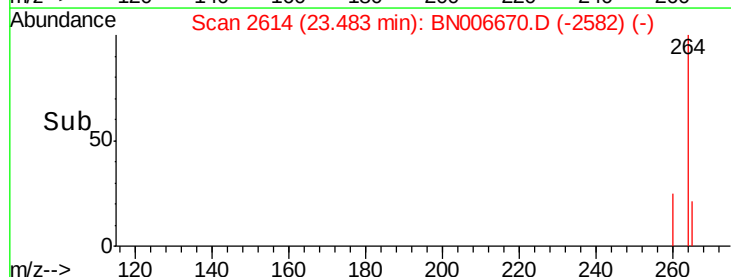
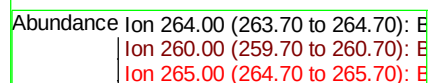
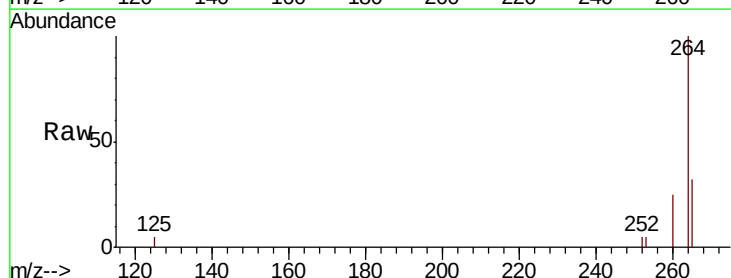
Tgt Ion: 264 Resp: 21185

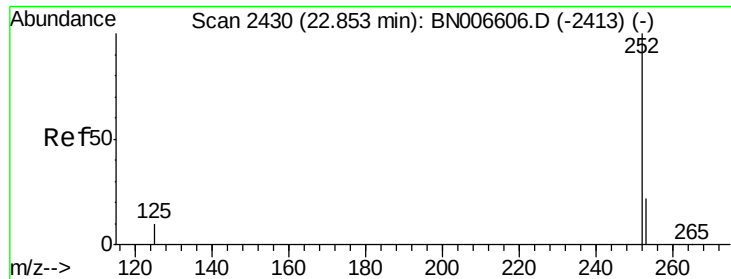
Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

265 32.1 23.3 34.9





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 22.81 min Scan# 2418

Delta R.T. -0.04 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

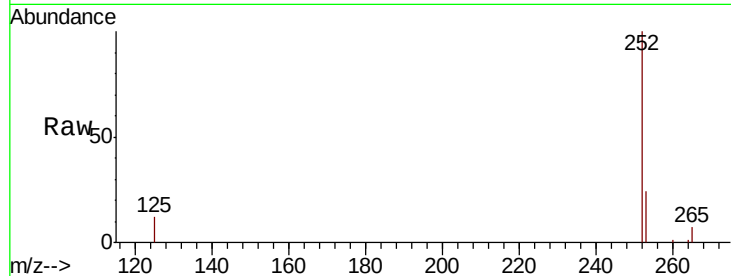
Tgt Ion:252 Resp: 29104

Ion Ratio Lower Upper

252 100

253 24.0 18.4 27.6

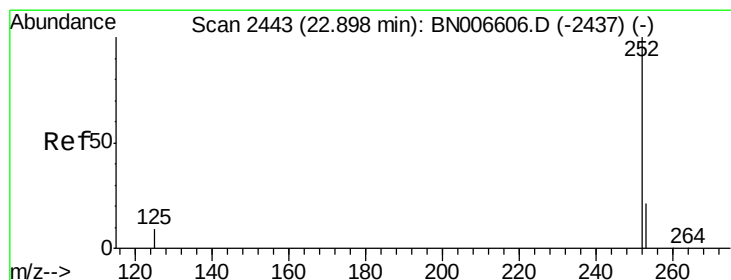
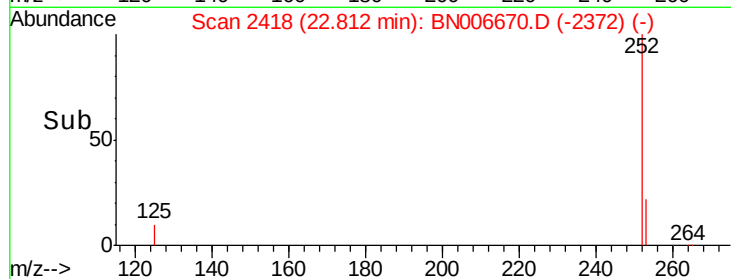
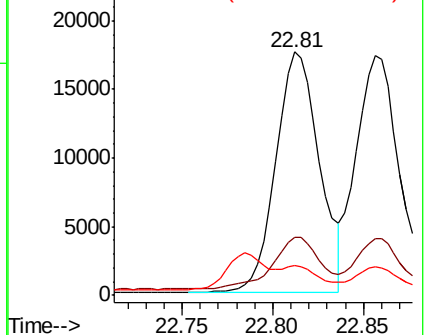
125 12.1 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.399 ng

RT: 22.86 min Scan# 2431

Delta R.T. -0.04 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

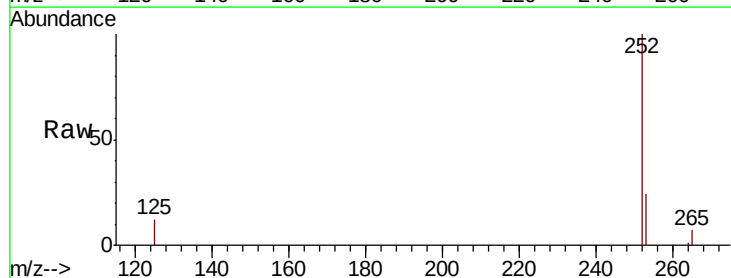
Tgt Ion:252 Resp: 30680

Ion Ratio Lower Upper

252 100

253 23.9 18.3 27.5

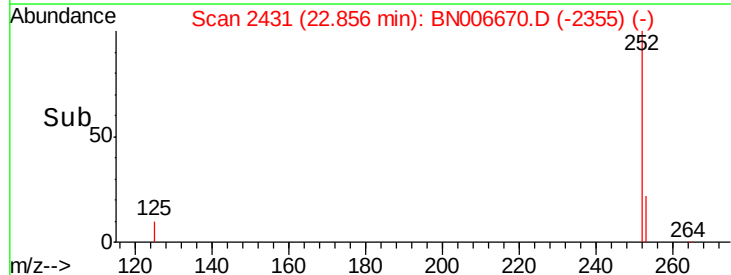
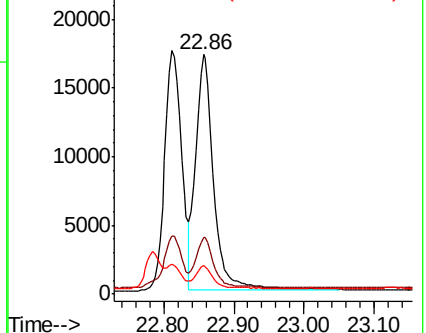
125 11.9 8.4 12.6

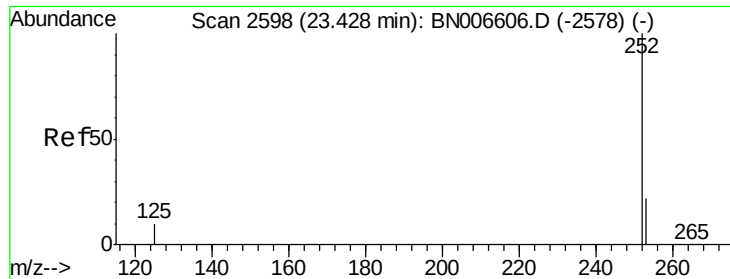


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.421 ng

RT: 23.39 min Scan# 2586

Delta R.T. -0.04 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

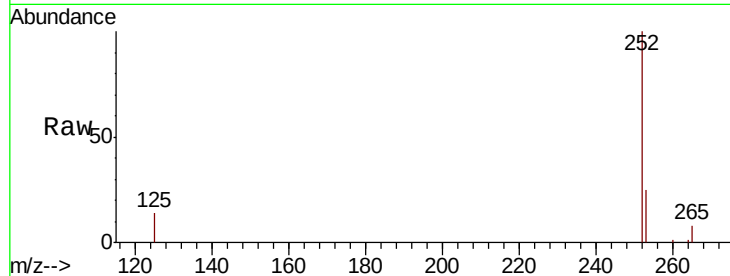
Tgt Ion:252 Resp: 28362

Ion Ratio Lower Upper

252 100

253 24.9 18.8 28.2

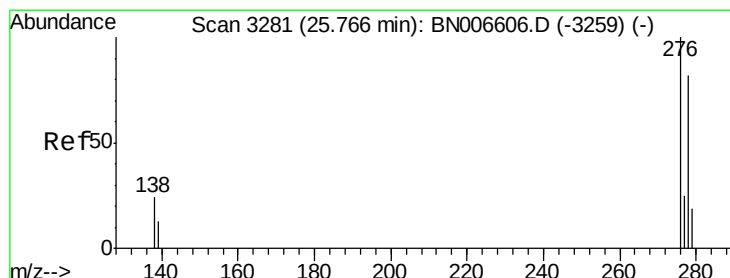
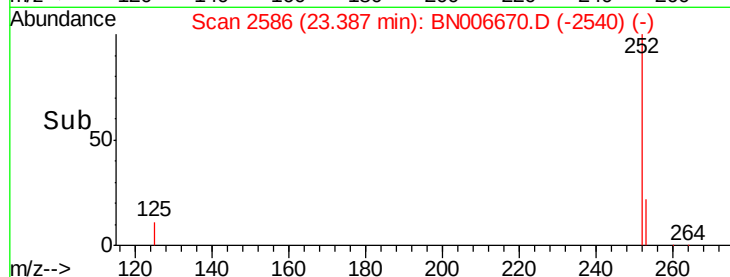
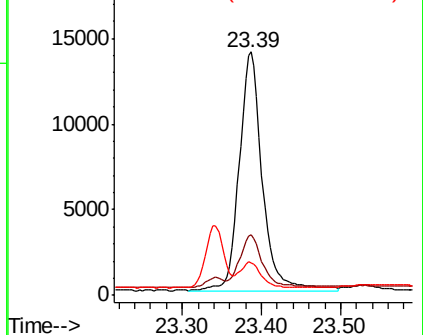
125 13.5 9.4 14.2



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: 0.467 ng

RT: 25.72 min Scan# 3267

Delta R.T. -0.05 min

Lab File: BN006670.D

Acq: 01 Jul 2019 21:40

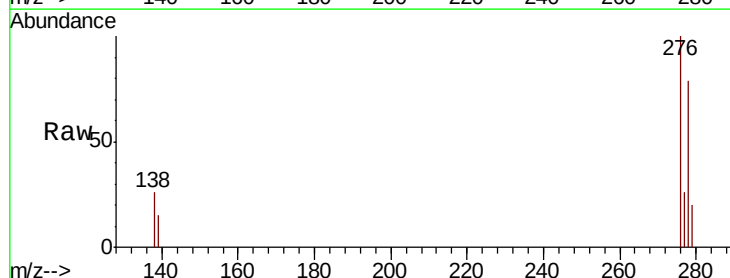
Tgt Ion:278 Resp: 27483

Ion Ratio Lower Upper

278 100

139 19.0 13.5 20.3

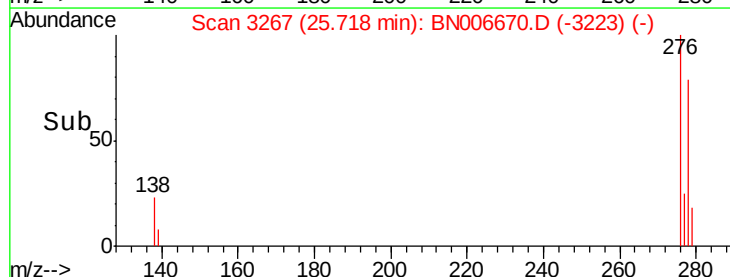
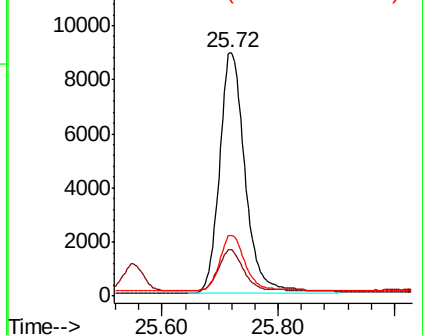
279 25.1 19.4 29.2

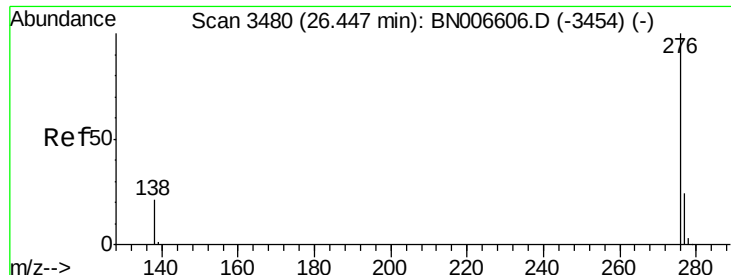


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.480 ng

RT: 26.40 min Scan# 3466

Delta R.T. -0.05 min

Lab File: BN006670.D

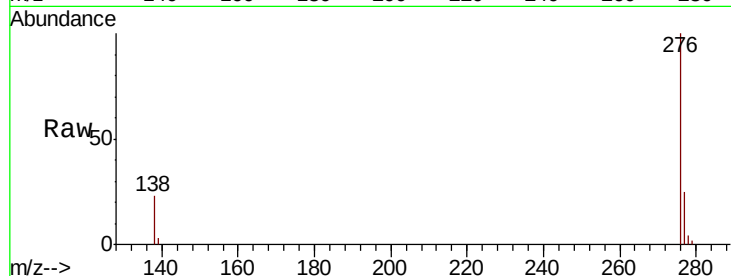
Acq: 01 Jul 2019 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 28206

Ion Ratio Lower Upper

276 100

277 25.0 19.6 29.4

138 22.9 17.7 26.5

