

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004843.D
 Acq On : 21 Mar 2019 11:08
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 22 01:59:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1803	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	8048	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	5062	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	13023	0.40	ng	0.00
27) Chrysene-d12	21.29	240	19050	0.40	ng	0.00
34) Perylene-d12	23.54	264	21650	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	1839	0.38	ng	0.00
5) Phenol-d6	6.88	99	2300	0.38	ng	0.00
8) Nitrobenzene-d5	8.86	82	1898	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	5490	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1131	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	8436	0.40	ng	0.00
25) Fluoranthene-d10	19.13	212	17174	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	14782	0.38	ng	0.00

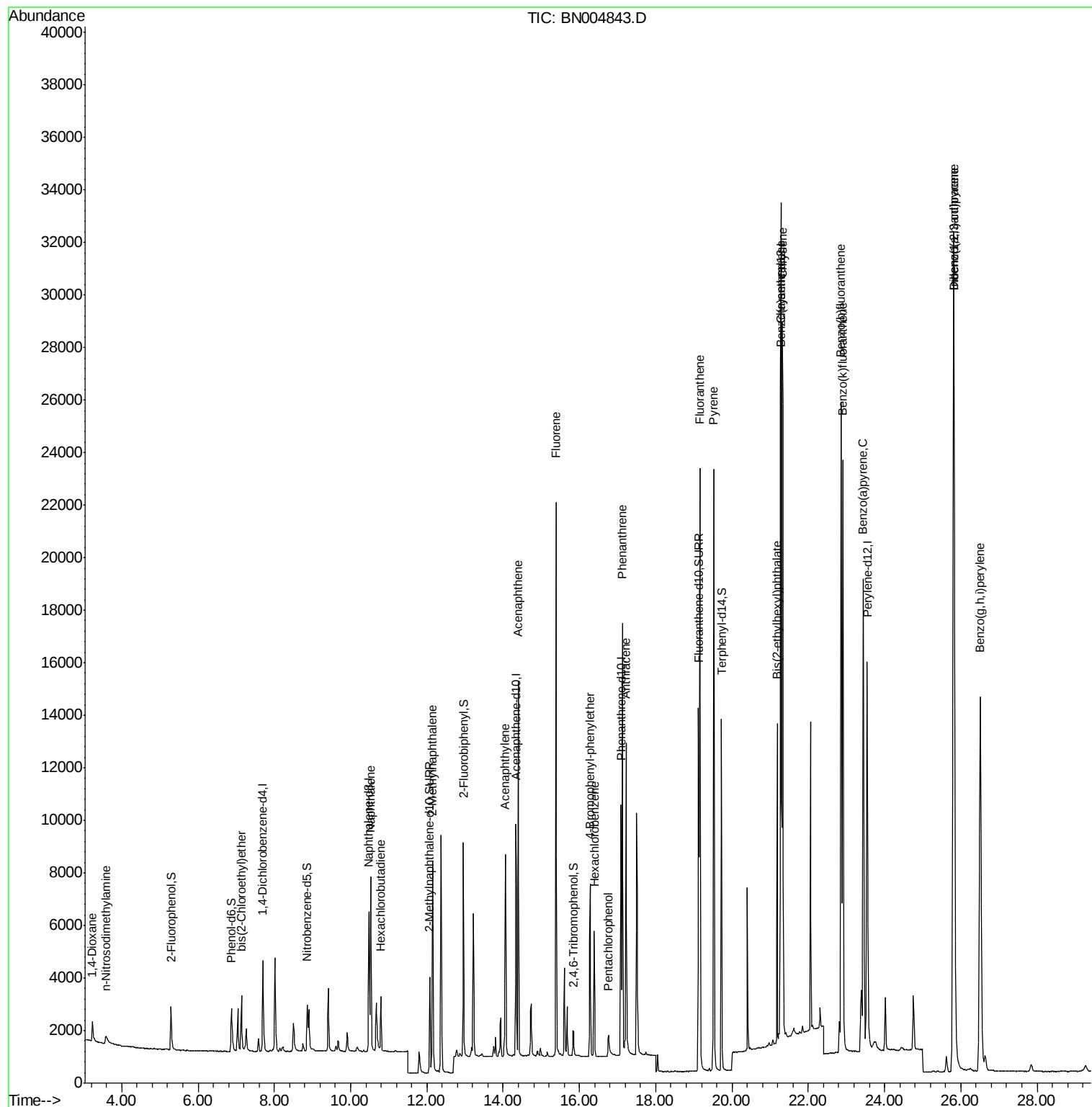
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	676	0.330	ng	91
3) n-Nitrosodimethylamine	3.59	42	331	0.273	ng	97
6) bis(2-Chloroethyl)ether	7.14	93	2160	0.392	ng	96
9) Naphthalene	10.53	128	9029	0.400	ng	99
10) Hexachlorobutadiene	10.80	225	1720	0.399	ng	# 99
12) 2-Methylnaphthalene	12.15	142	6590	0.393	ng	99
16) Acenaphthylene	14.05	152	9789	0.375	ng	99
17) Acenaphthene	14.40	154	6822	0.400	ng	100
18) Fluorene	15.39	166	9475	0.398	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	3286	0.386	ng	93
21) Hexachlorobenzene	16.39	284	3895	0.400	ng	99
22) Pentachlorophenol	16.76	266	709	0.372	ng	99
23) Phenanthrene	17.13	178	16837	0.400	ng	99
24) Anthracene	17.23	178	14355	0.382	ng	100
26) Fluoranthene	19.16	202	21626	0.400	ng	100
28) Pyrene	19.52	202	22364	0.385	ng	100
30) Benzo(a)anthracene	21.27	228	23889	0.382	ng	97
31) Chrysene	21.32	228	26629	0.405	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	9803	0.393	ng	100
33) Indeno(1,2,3-cd)pyrene	25.81	276	39536	0.415	ng	100
35) Benzo(b)fluoranthene	22.86	252	31387	0.401	ng	99
36) Benzo(k)fluoranthene	22.91	252	30246	0.393	ng	99
37) Benzo(a)pyrene	23.45	252	28324	0.394	ng	99
38) Dibenzo(a,h)anthracene	25.82	278	32542	0.391	ng	99
39) Benzo(g,h,i)perylene	26.51	276	33206	0.392	ng	100

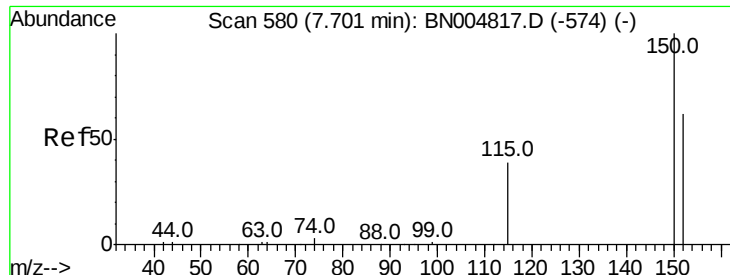
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

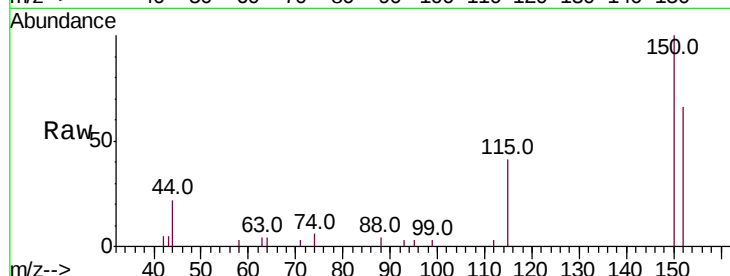
Tot Ion:152 Resp: 1803

Ion Ratio Lower Upper

152 100

150 151.6 126.2 189.4

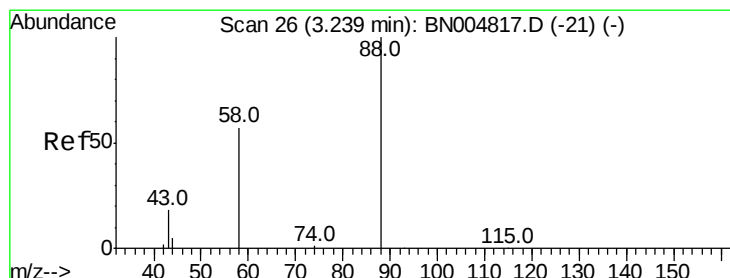
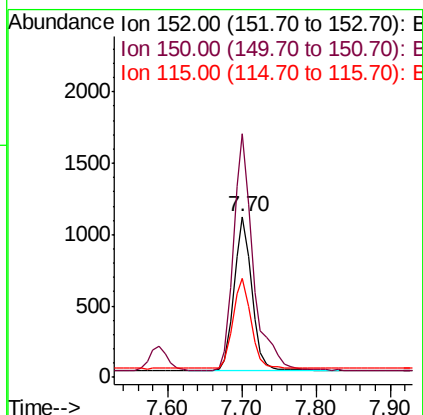
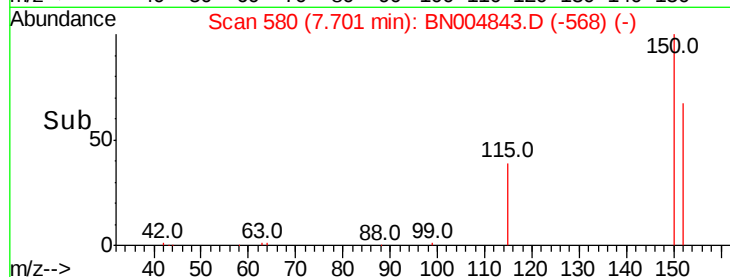
115 61.6 52.6 79.0



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: 0.330 ng

RT: 3.24 min Scan# 26

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

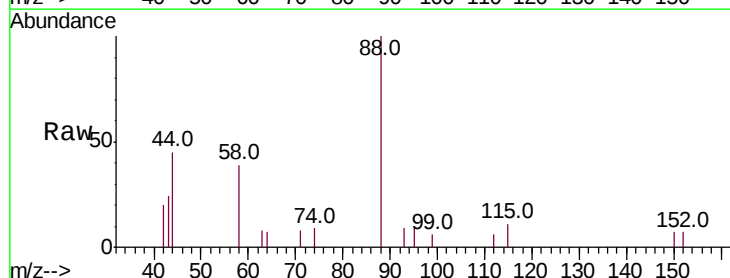
Tgt Ion: 88 Resp: 676

Ion Ratio Lower Upper

88 100

58 72.9 51.4 77.2

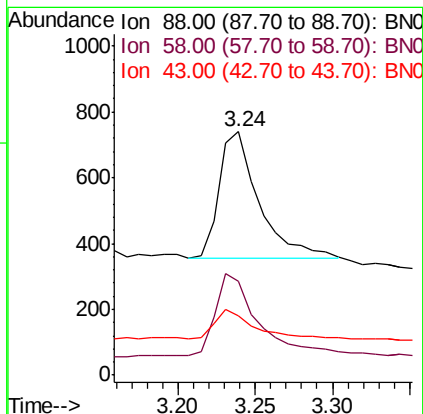
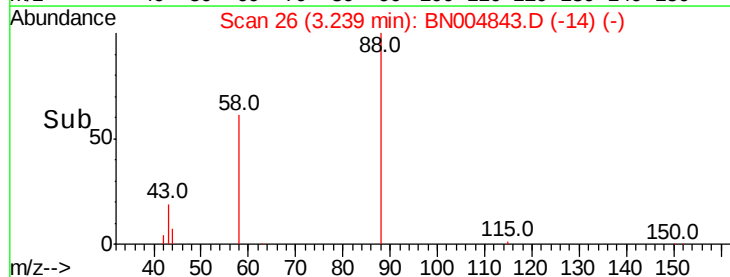
43 23.1 20.0 30.0



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: 0.273 ng

RT: 3.59 min Scan# 69

Delta R.T. 0.01 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

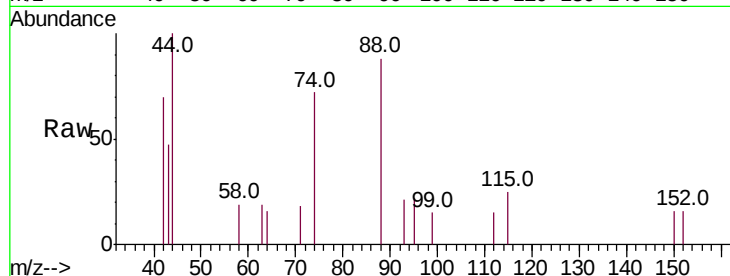
Tot Ion: 42 Resp: 331

Ion Ratio Lower Upper

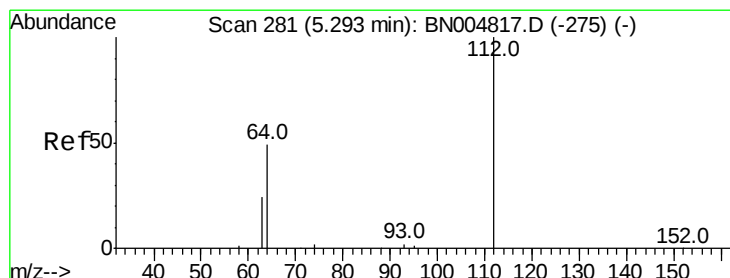
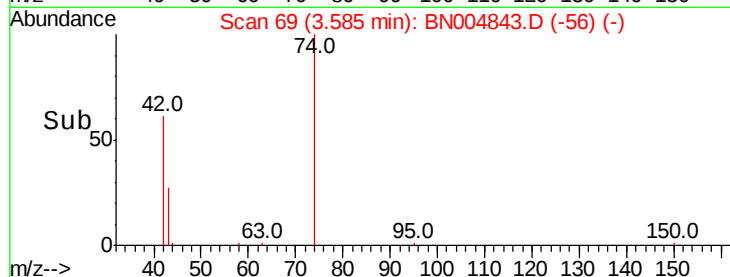
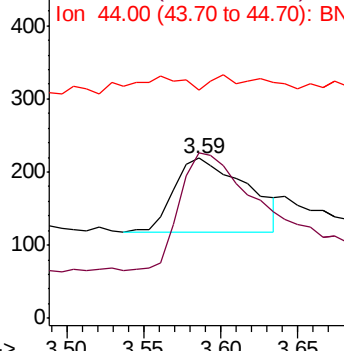
42 100

74 165.0 128.4 192.6

44 8.2 6.1 9.1



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: 0.375 ng

RT: 5.29 min Scan# 281

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

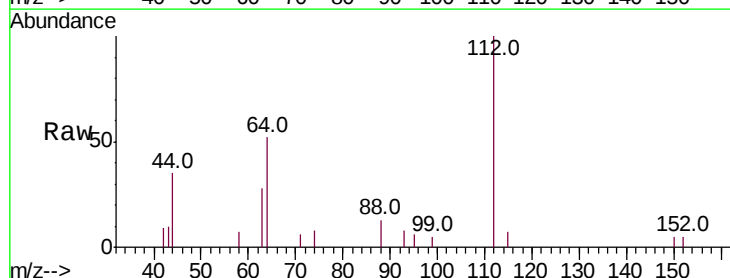
Tgt Ion: 112 Resp: 1839

Ion Ratio Lower Upper

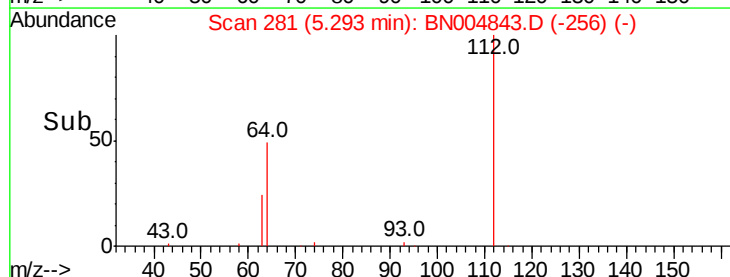
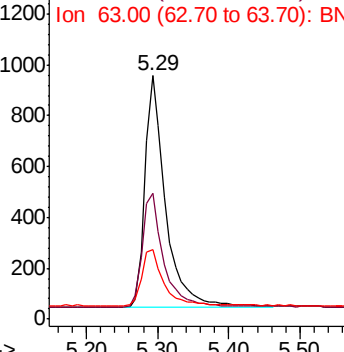
112 100

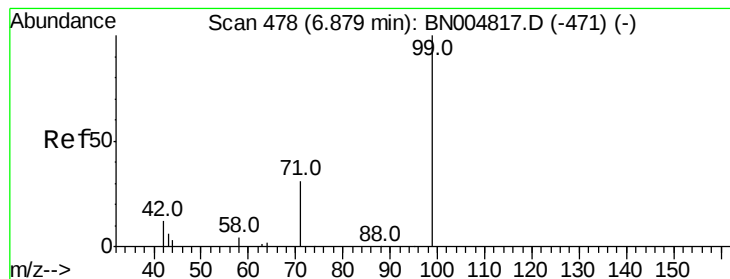
64 50.4 40.0 60.0

63 25.5 20.2 30.2



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





#5

Phenol-d6

Concen: 0.377 ng

RT: 6.88 min Scan# 478

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

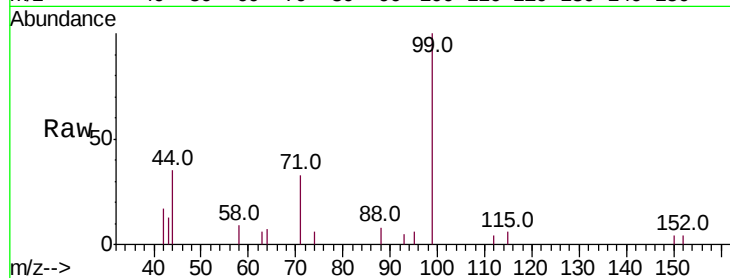
Tot Ion: 99 Resp: 2300

Ion Ratio Lower Upper

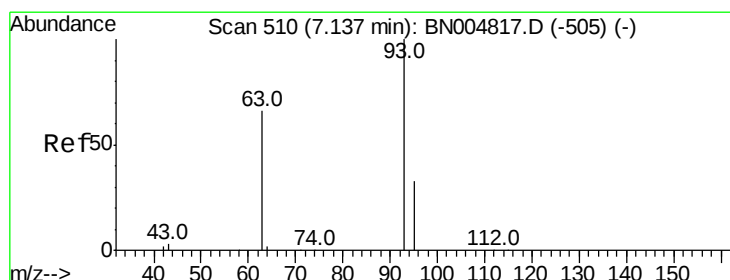
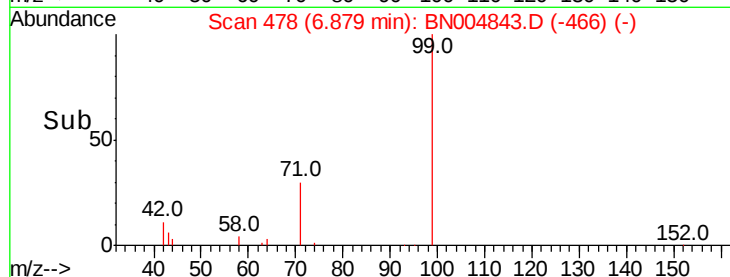
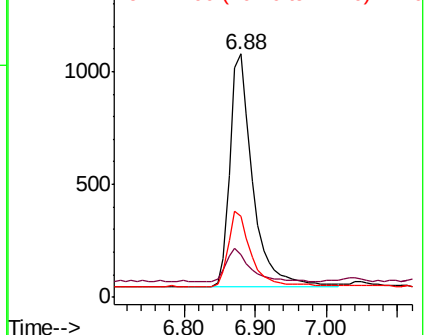
99 100

42 14.9 12.7 19.1

71 32.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.392 ng

RT: 7.14 min Scan# 510

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

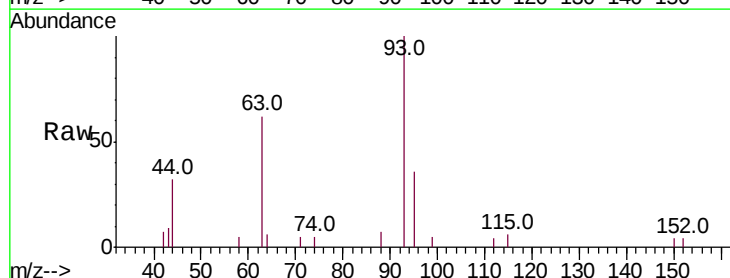
Tgt Ion: 93 Resp: 2160

Ion Ratio Lower Upper

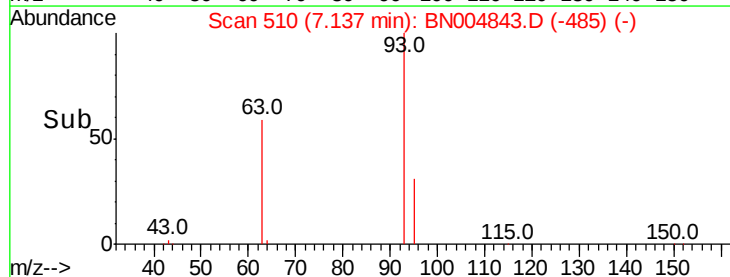
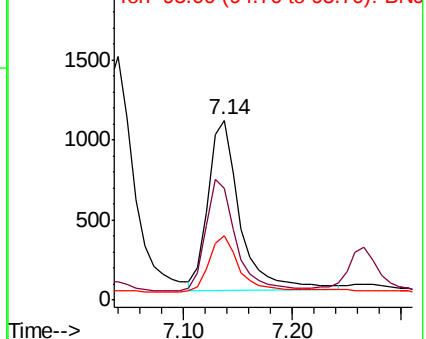
93 100

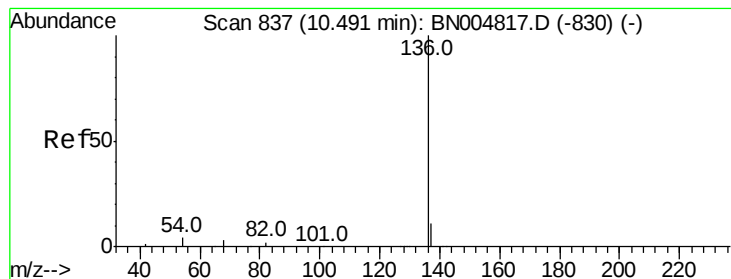
63 62.2 52.6 78.8

95 30.6 25.9 38.9



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 8048

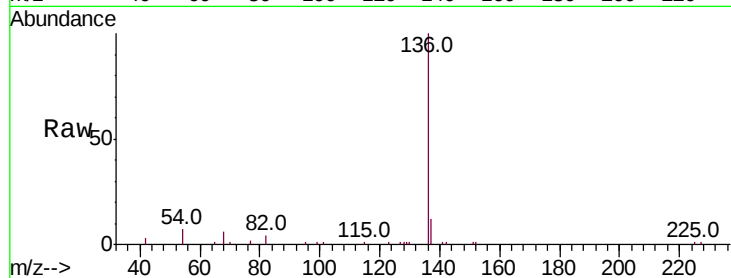
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 7.1 4.2 6.2#

68 5.9 3.9 5.9#

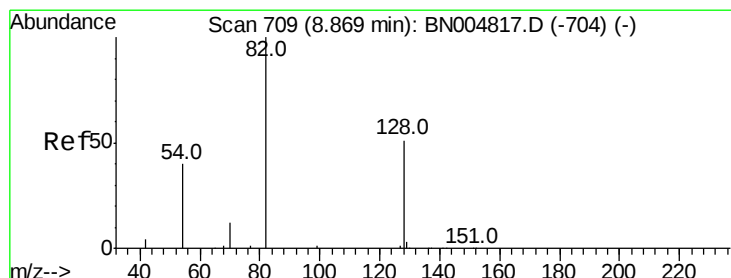
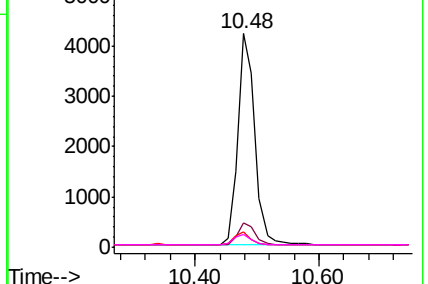
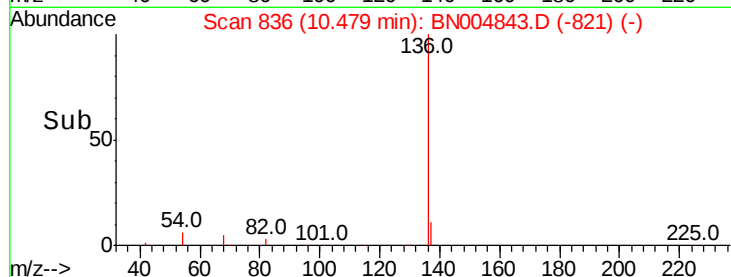


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.357 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

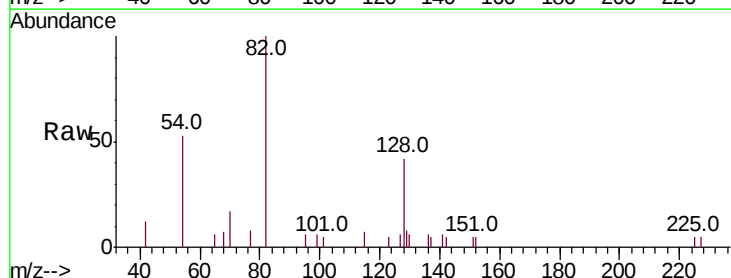
Tgt Ion: 82 Resp: 1898

Ion Ratio Lower Upper

82 100

128 41.5 43.0 64.6#

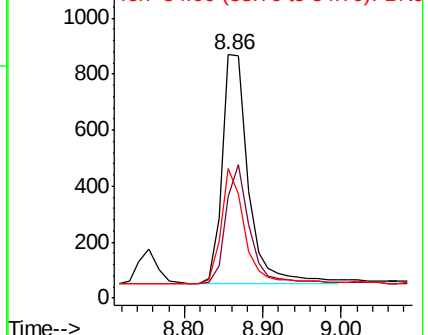
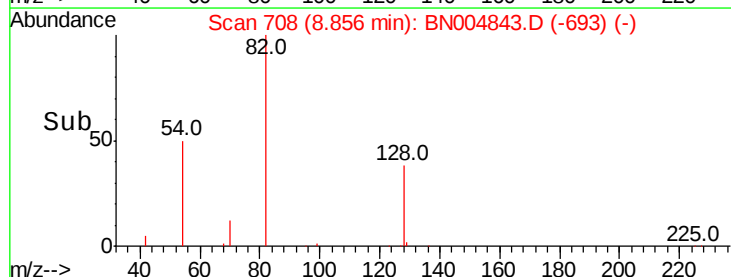
54 53.0 35.3 52.9#

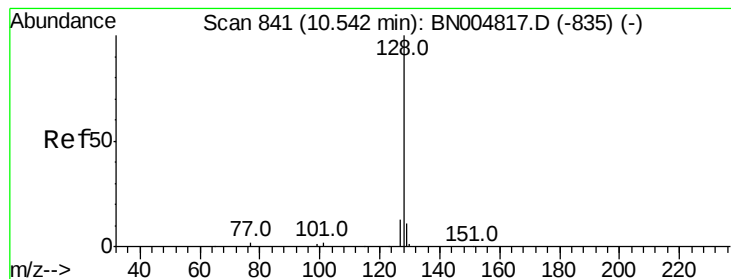


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.400 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

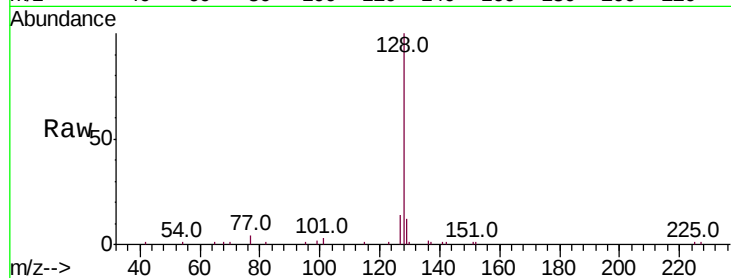
Tot Ion:128 Resp: 9029

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

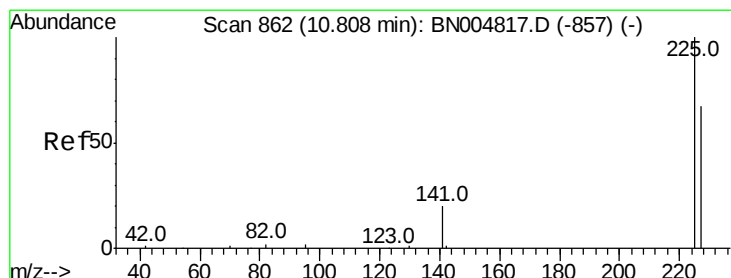
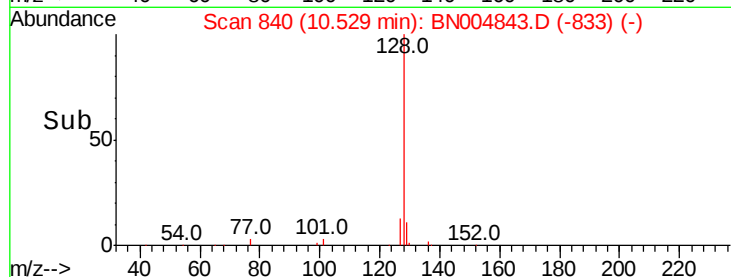
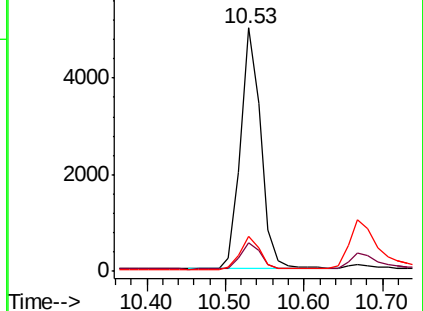
127 14.2 11.3 16.9



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: 0.399 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

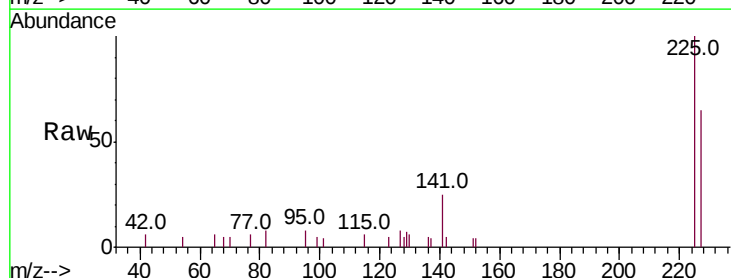
Tgt Ion:225 Resp: 1720

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

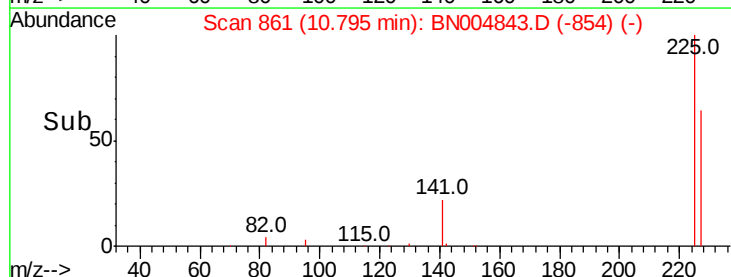
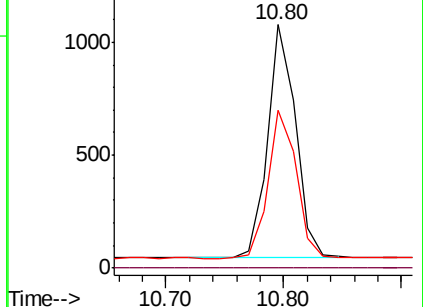
227 64.2 52.2 78.4

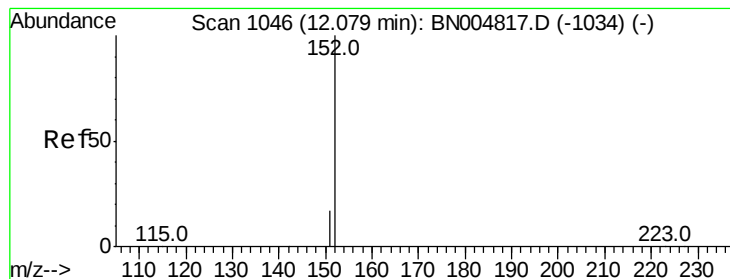


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.391 ng

RT: 12.08 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

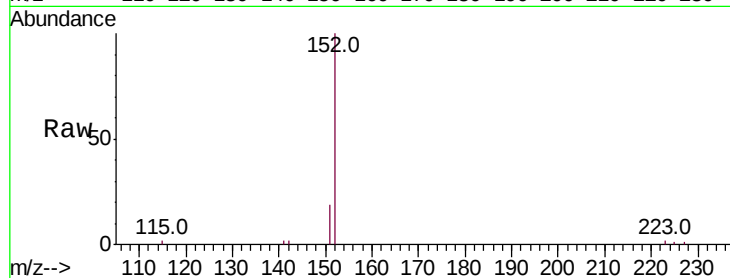
SSTDCCC0.4

Tot Ion:152 Resp: 5490

Ion Ratio Lower Upper

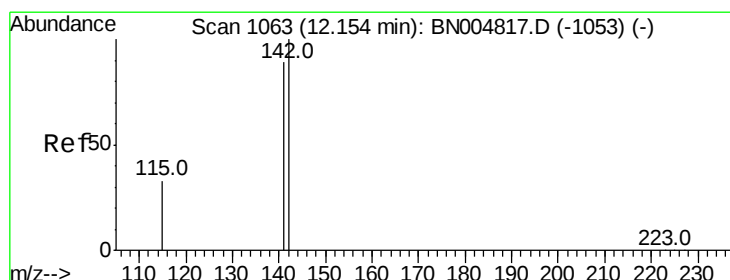
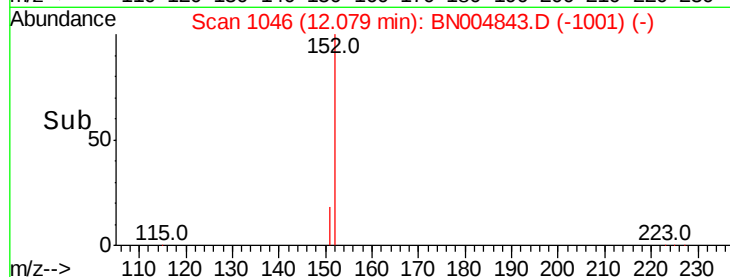
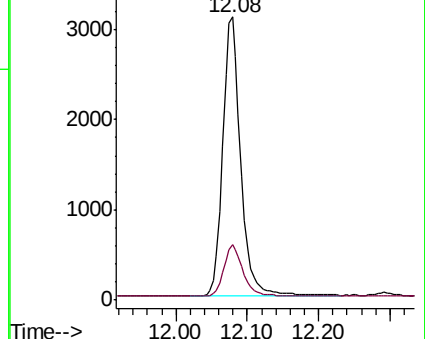
152 100

151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.393 ng

RT: 12.15 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

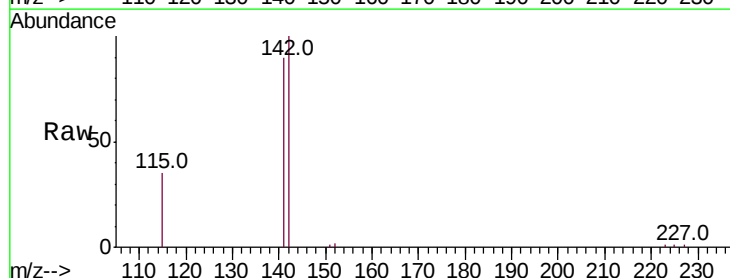
Tgt Ion:142 Resp: 6590

Ion Ratio Lower Upper

142 100

141 90.3 71.4 107.2

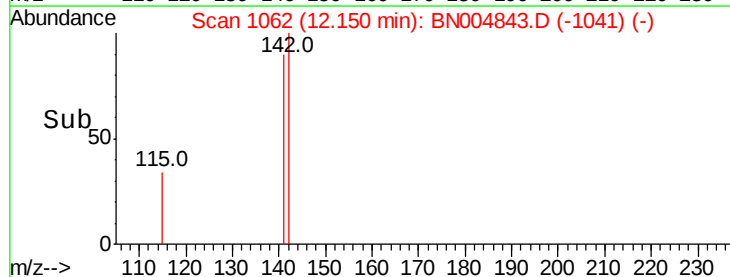
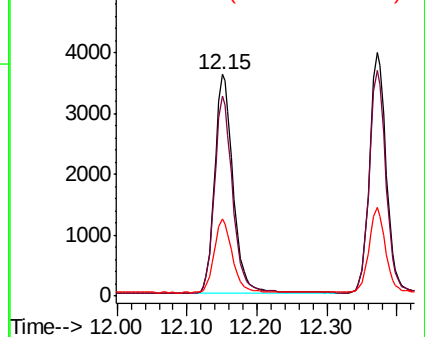
115 35.0 27.5 41.3



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

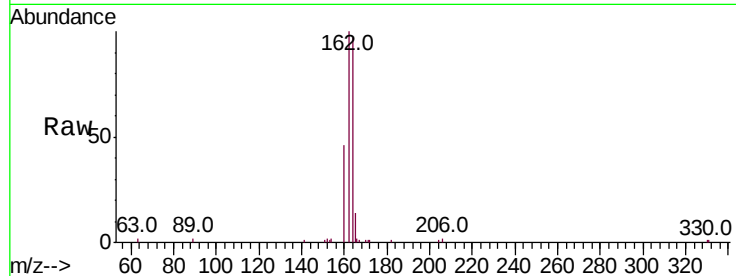
Tot Ion:164 Resp: 5062

Ion Ratio Lower Upper

164 100

162 103.5 81.9 122.9

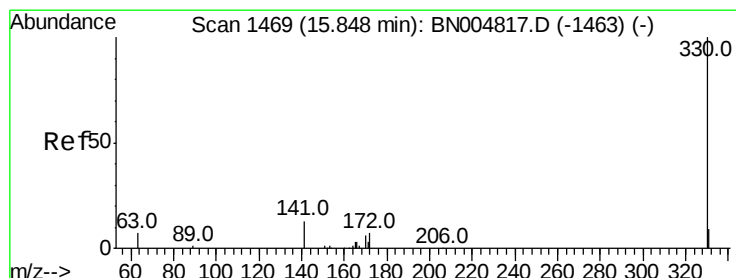
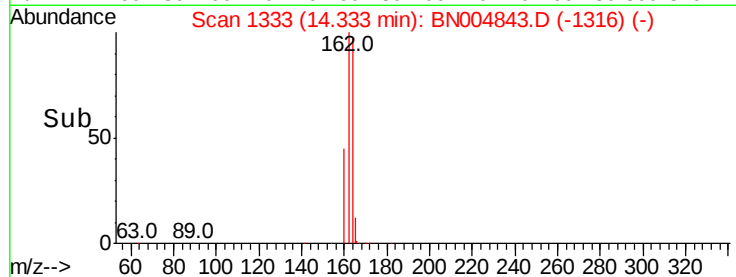
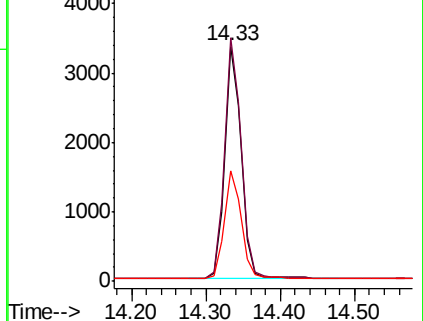
160 47.2 36.6 54.8



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: 0.323 ng

RT: 15.85 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

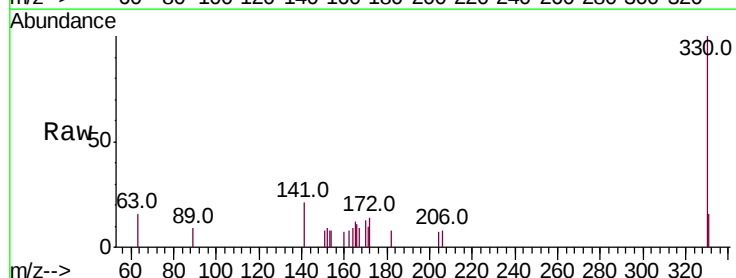
Tgt Ion:330 Resp: 1131

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

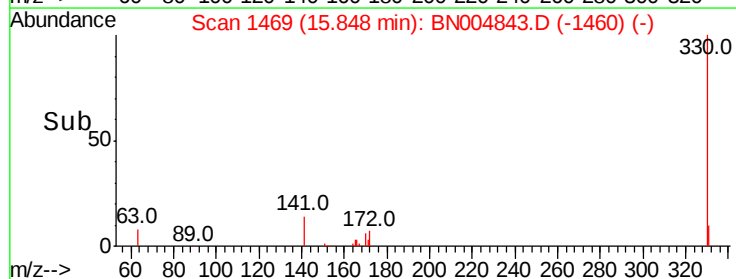
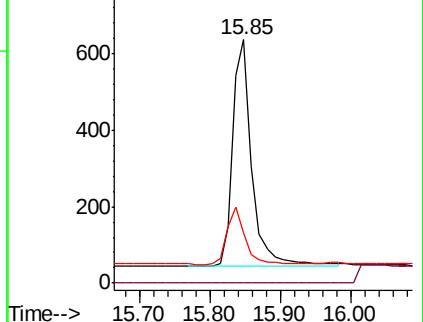
141 24.5 20.9 31.3



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

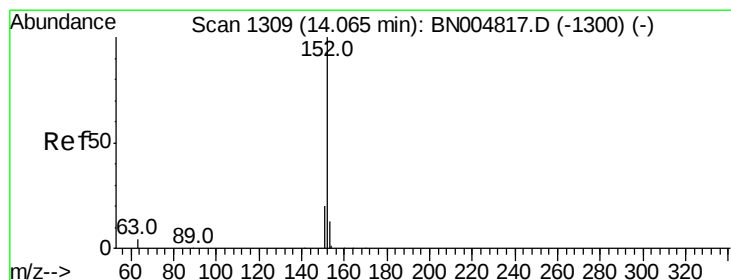
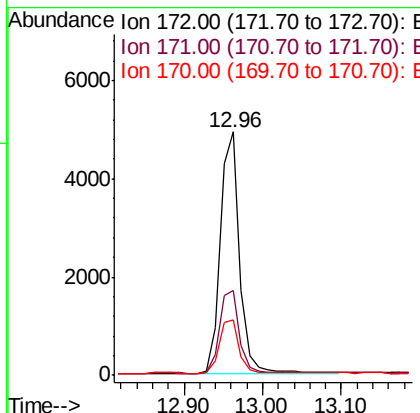
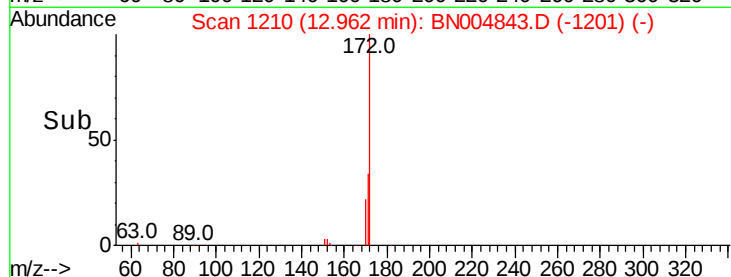
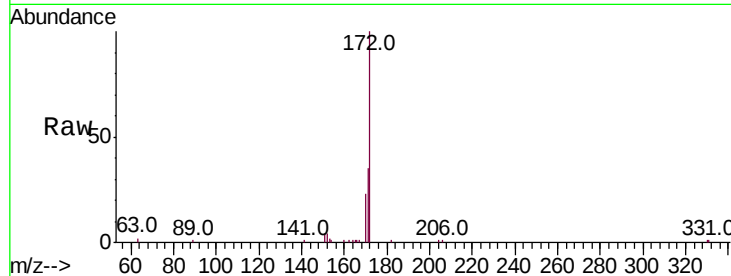




#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BN004843.D
Acq: 21 Mar 2019 11:08

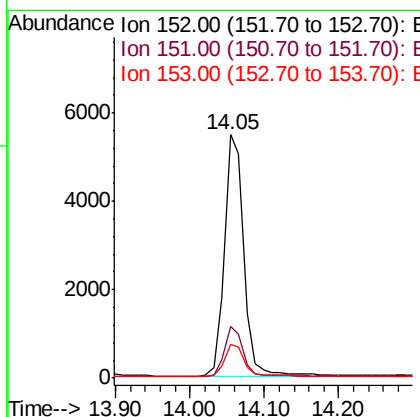
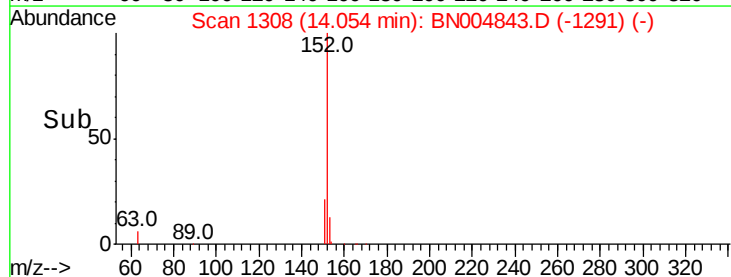
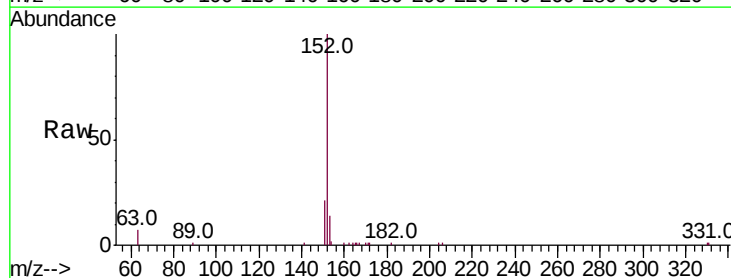
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 8436
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 22.5 18.7 28.1



#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004843.D
Acq: 21 Mar 2019 11:08

Tgt Ion:152 Resp: 9789
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.400 ng

RT: 14.40 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

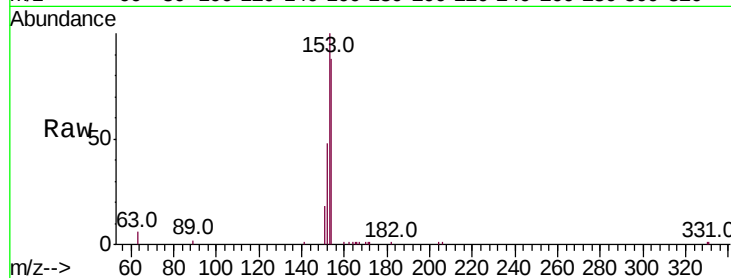
Tot Ion:154 Resp: 6822

Ion Ratio Lower Upper

154 100

153 114.5 91.4 137.2

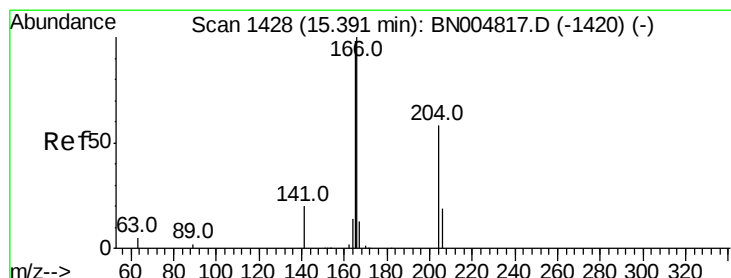
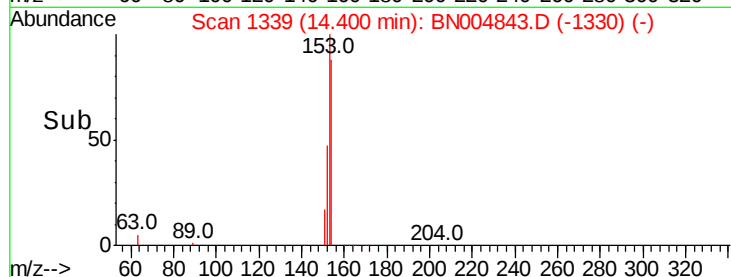
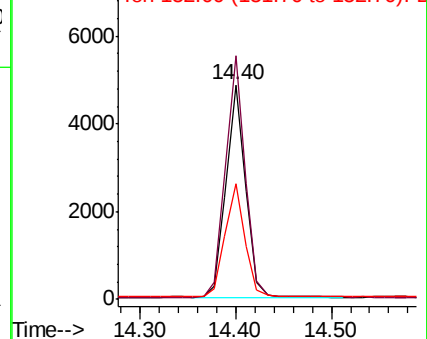
152 54.7 44.2 66.2



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: 0.398 ng

RT: 15.39 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

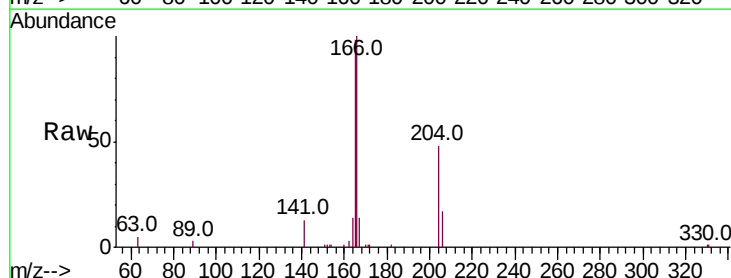
Tgt Ion:166 Resp: 9475

Ion Ratio Lower Upper

166 100

165 98.7 78.2 117.4

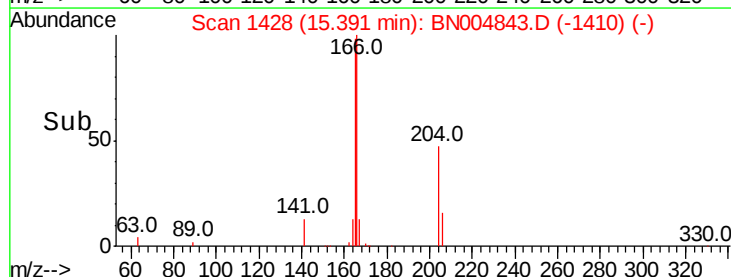
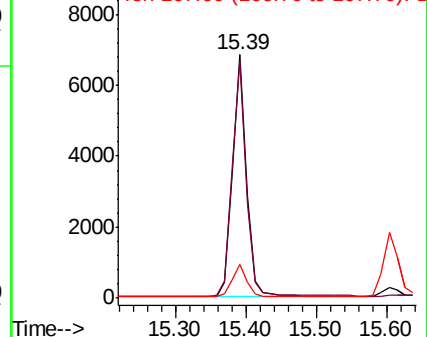
167 13.7 11.0 16.4

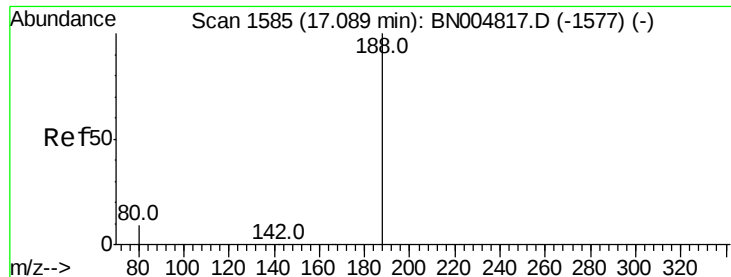


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.09 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

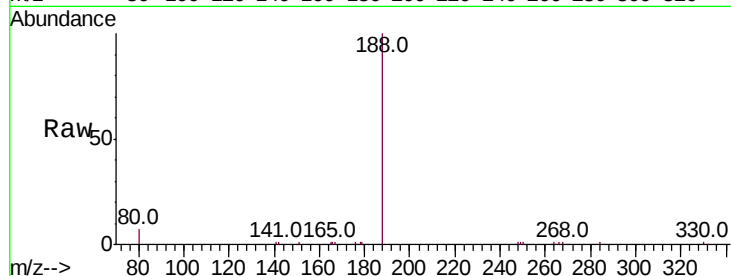
Tot Ion:188 Resp: 13023

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

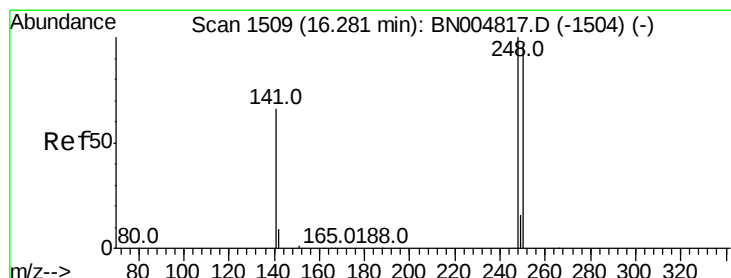
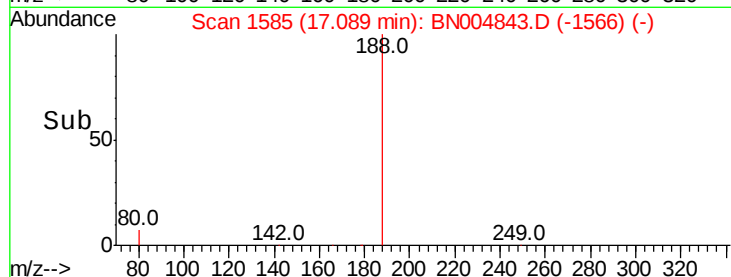
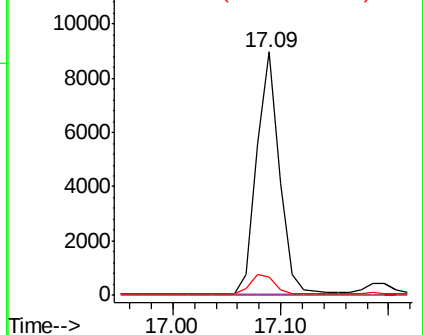
80 7.4 7.4 11.2#



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: 0.386 ng

RT: 16.28 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

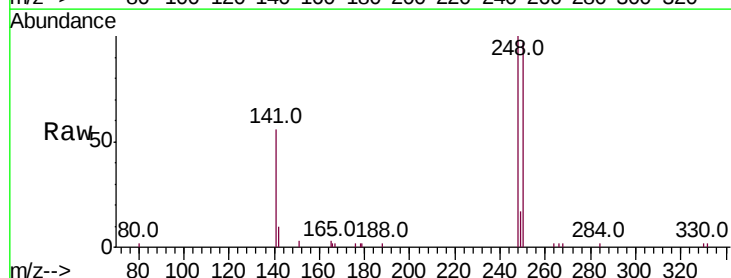
Tgt Ion:248 Resp: 3286

Ion Ratio Lower Upper

248 100

250 97.4 76.2 114.4

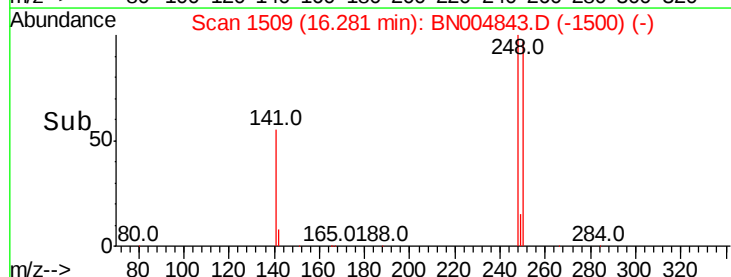
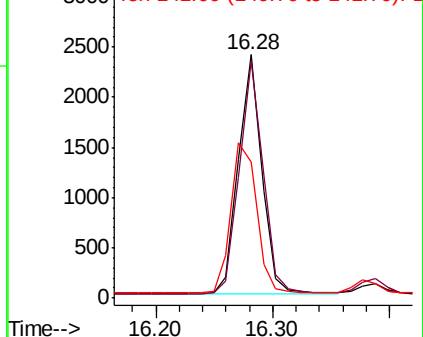
141 55.7 53.9 80.9

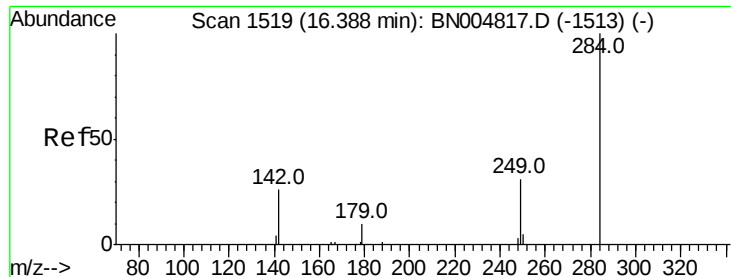


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 16.39 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

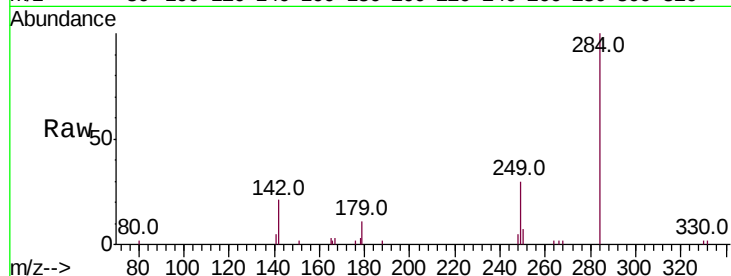
Tot Ion:284 Resp: 3895

Ion Ratio Lower Upper

284 100

142 28.2 22.6 34.0

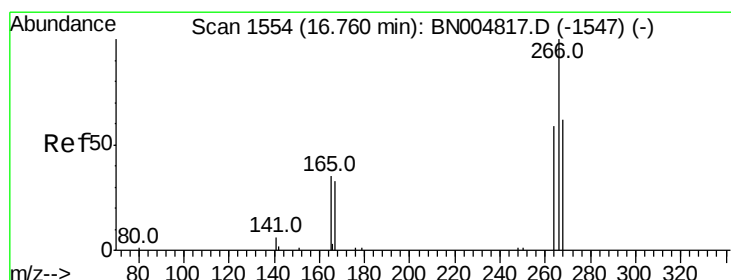
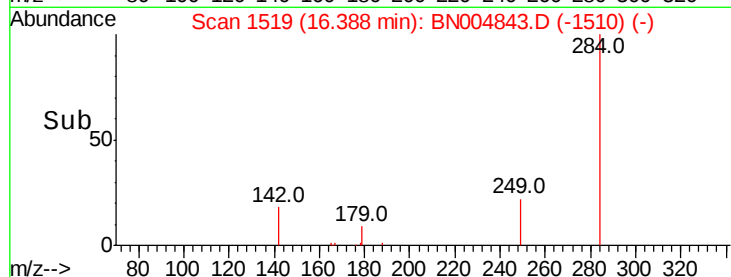
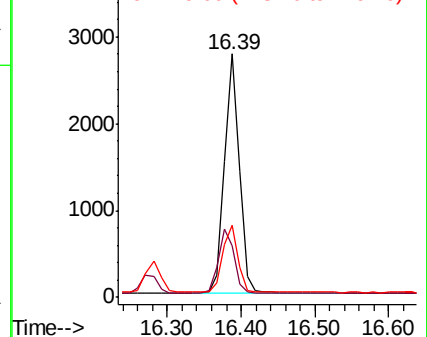
249 28.8 22.5 33.7



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: 0.372 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

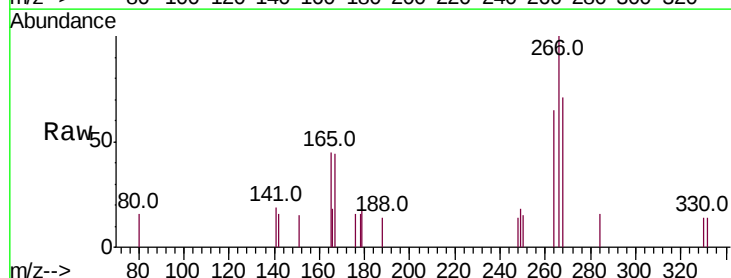
Tgt Ion:266 Resp: 709

Ion Ratio Lower Upper

266 100

264 64.9 53.1 79.7

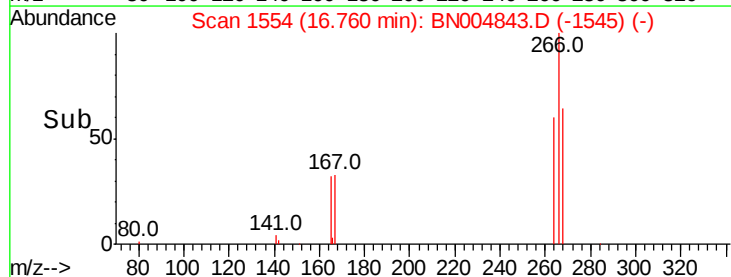
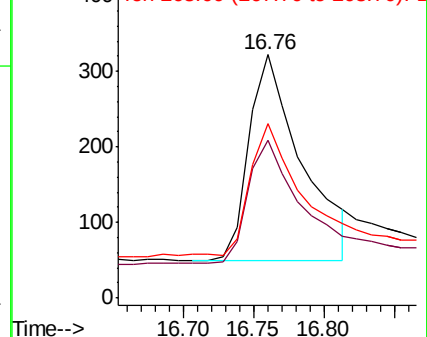
268 71.4 57.7 86.5

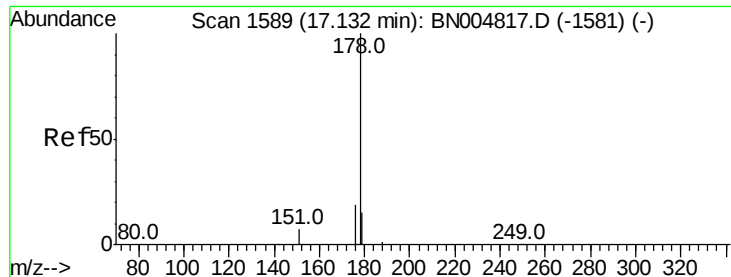


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.400 ng

RT: 17.13 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

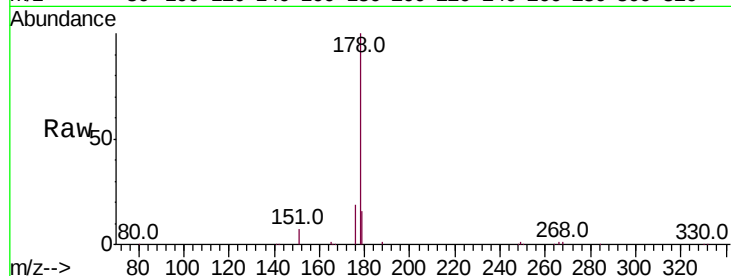
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:178 Resp: 16837

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	12.1	18.1

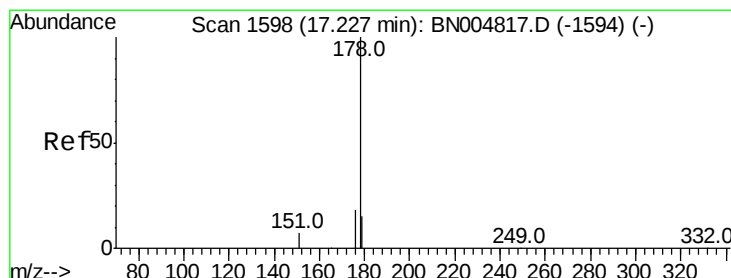
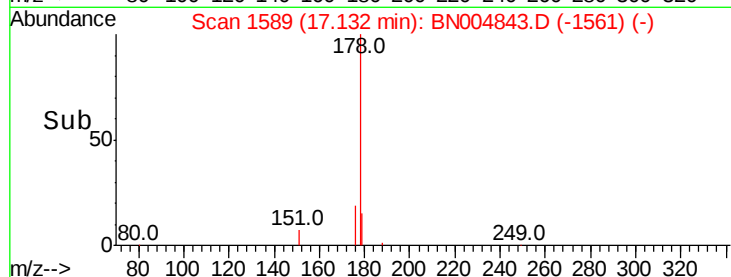
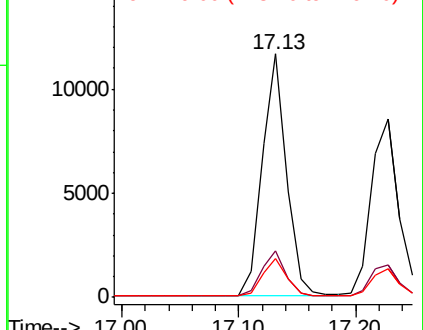


Abundance

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: 0.382 ng

RT: 17.23 min Scan# 1598

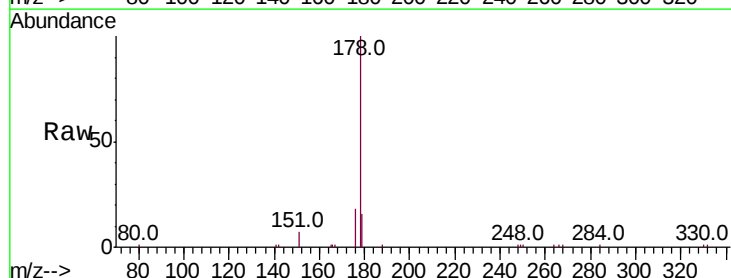
Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Tgt Ion:178 Resp: 14355

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.4	12.2	18.4

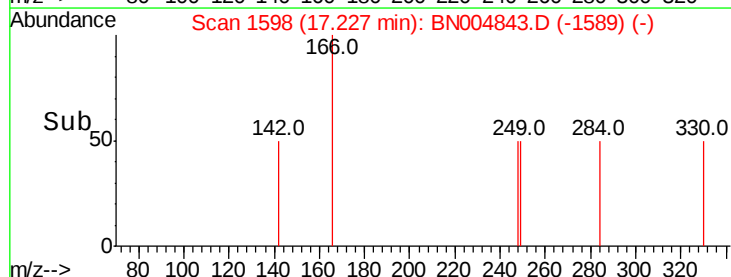
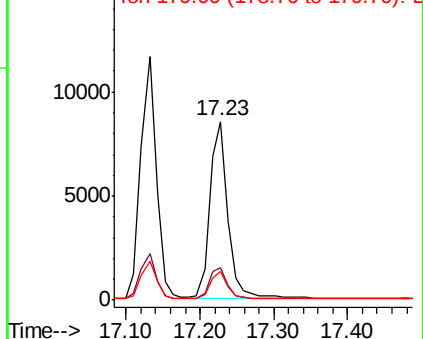


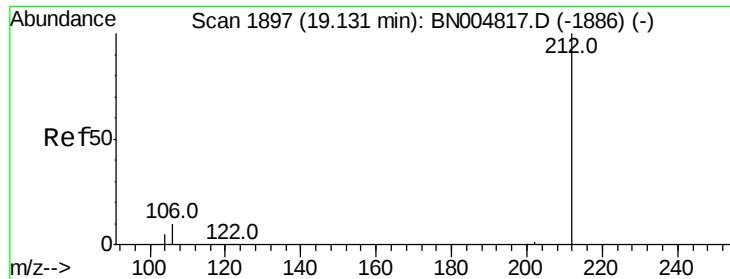
Abundance

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





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

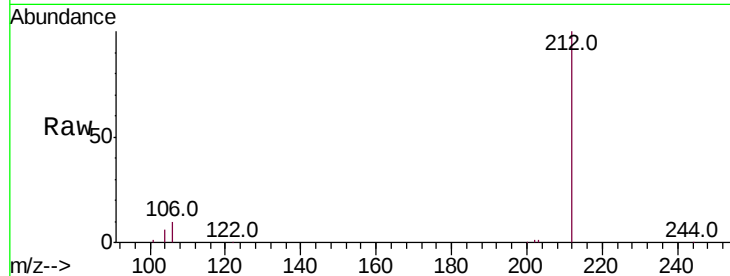
Tot Ion:212 Resp: 17174

Ion Ratio Lower Upper

212 100

106 10.8 8.6 13.0

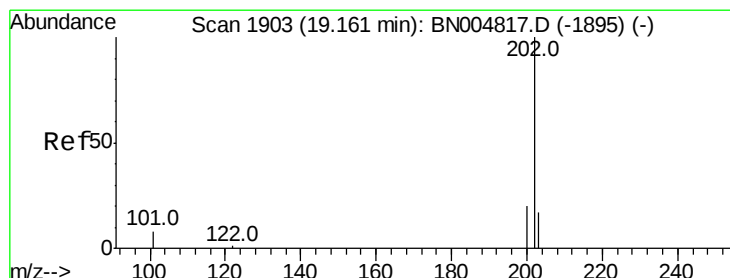
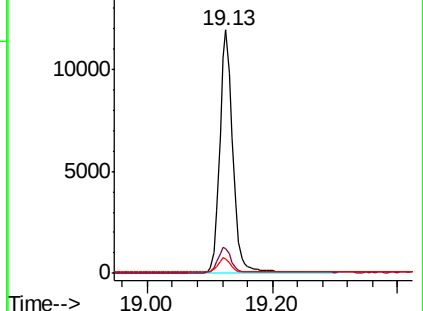
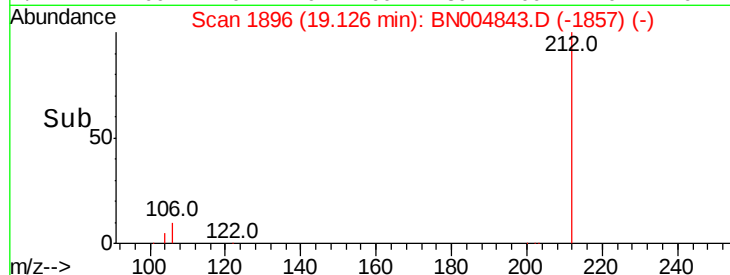
104 5.9 4.7 7.1



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: 0.400 ng

RT: 19.16 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

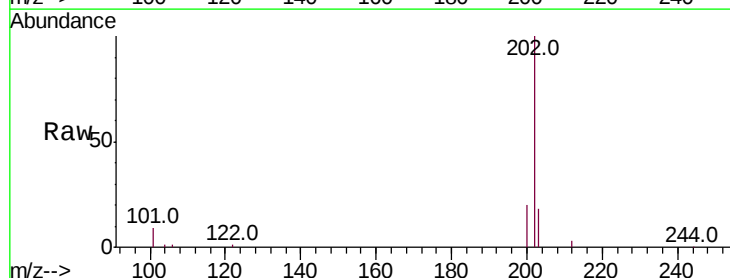
Tgt Ion:202 Resp: 21626

Ion Ratio Lower Upper

202 100

101 9.4 7.5 11.3

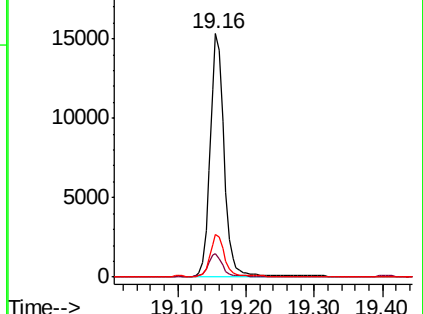
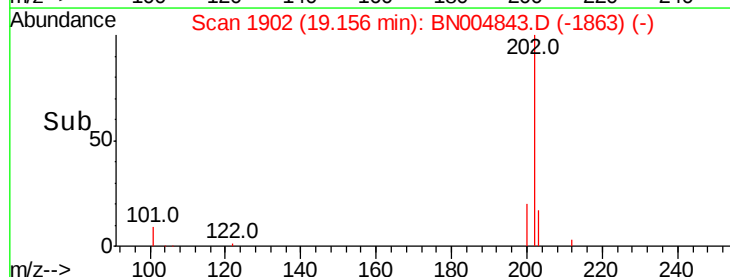
203 17.2 13.8 20.6



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

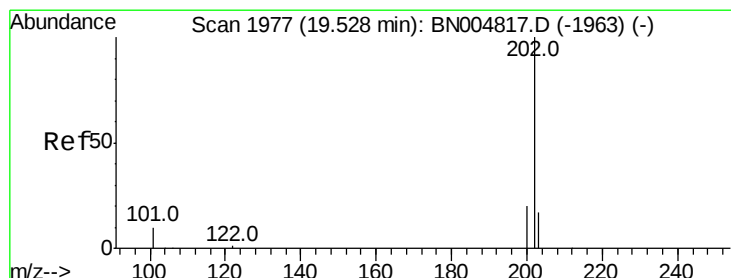
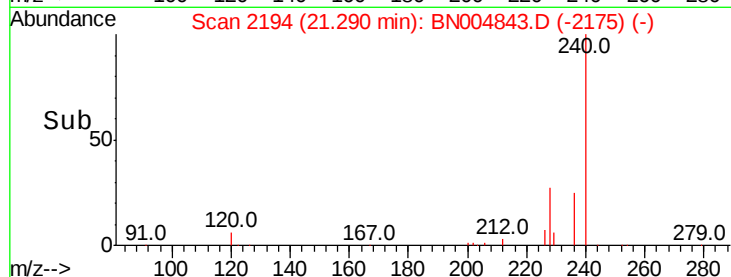
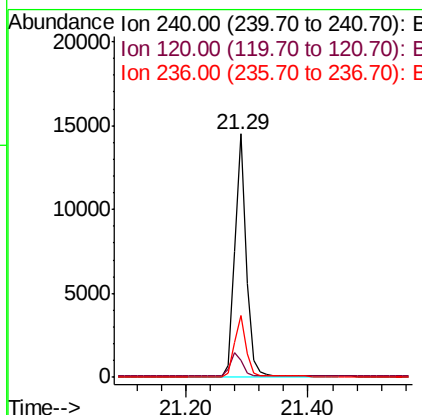
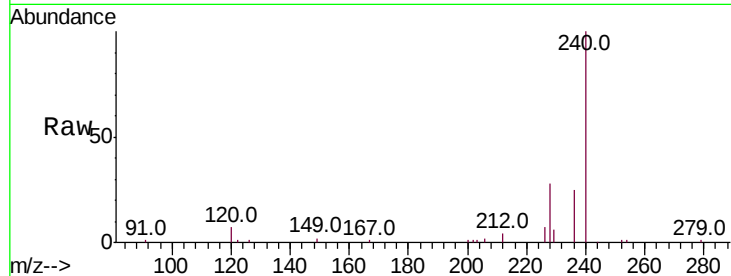




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BN004843.D
Acq: 21 Mar 2019 11:08

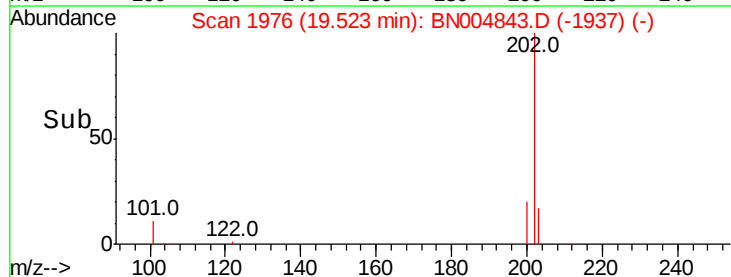
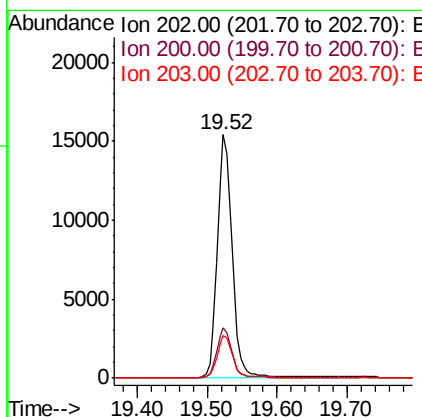
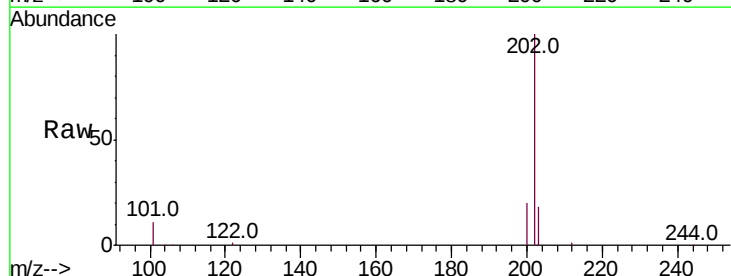
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

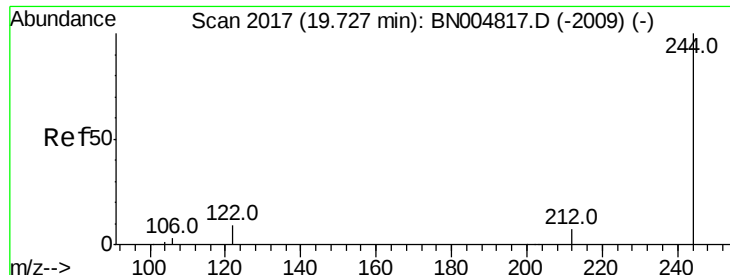
Tot Ion:240 Resp: 19050
Ion Ratio Lower Upper
240 100
120 6.8 7.2 10.8#
236 25.5 20.9 31.3



#28
Pyrene
Concen: 0.385 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BN004843.D
Acq: 21 Mar 2019 11:08

Tgt Ion:202 Resp: 22364
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.379 ng

RT: 19.73 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

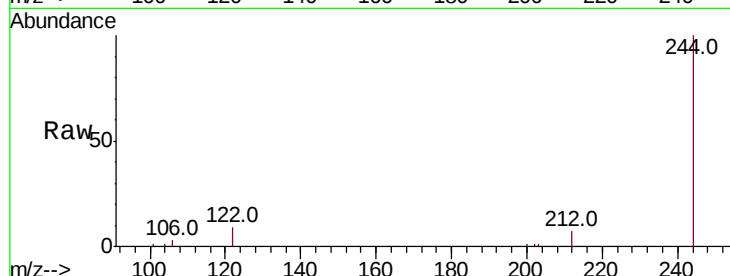
Tot Ion:244 Resp: 14782

Ion Ratio Lower Upper

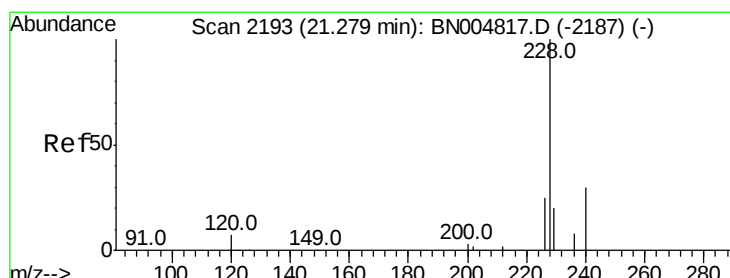
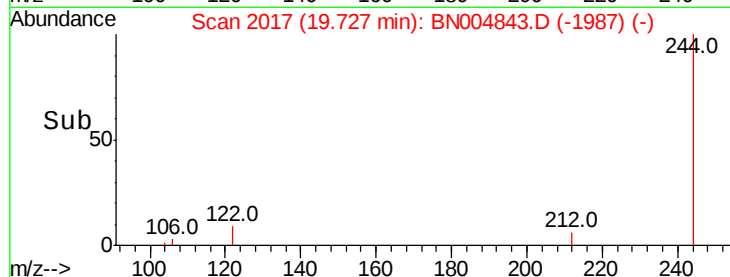
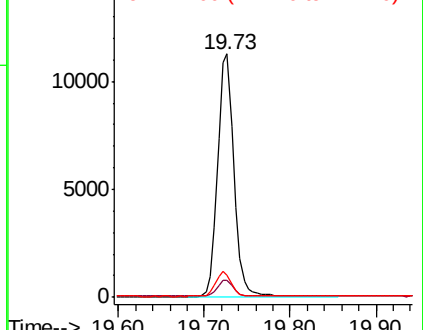
244 100

212 7.0 5.8 8.6

122 8.9 7.9 11.9



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: 0.382 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

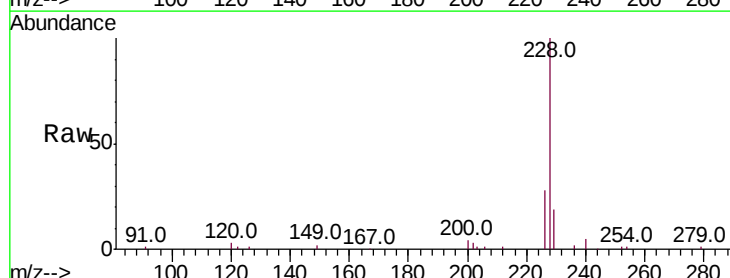
Tgt Ion:228 Resp: 23889

Ion Ratio Lower Upper

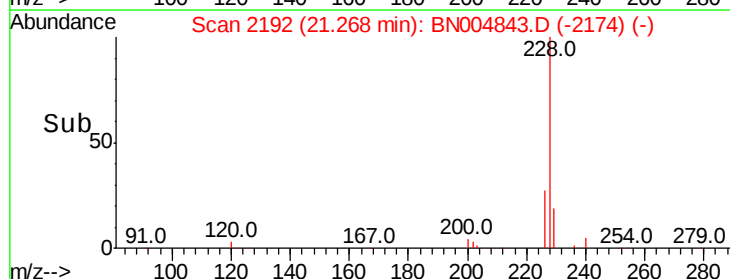
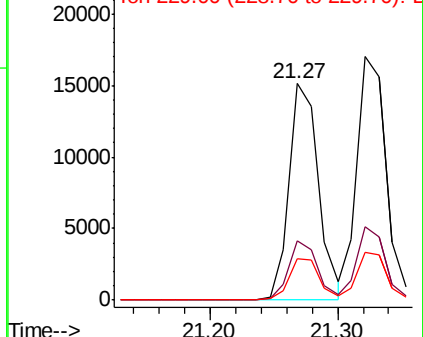
228 100

226 27.6 20.6 31.0

229 19.2 16.2 24.4



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: 0.405 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

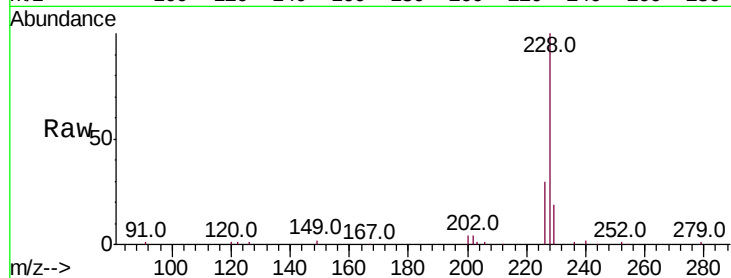
Tot Ion:228 Resp: 26629

Ion Ratio Lower Upper

228 100

226 30.2 23.0 34.6

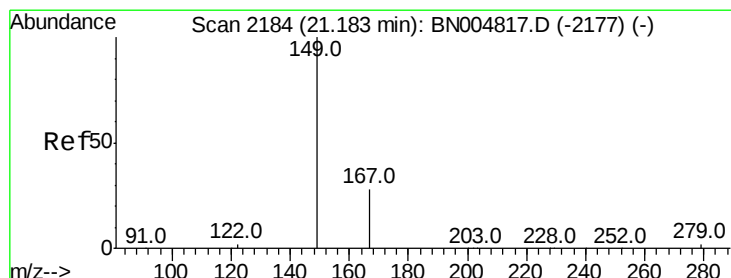
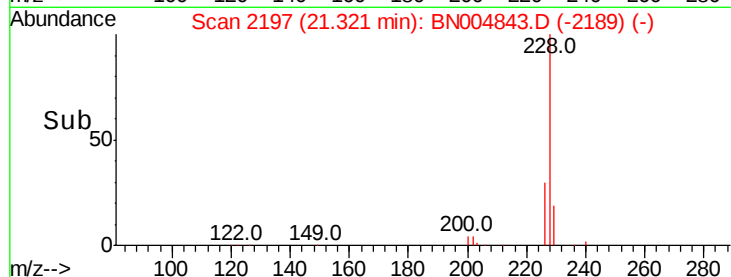
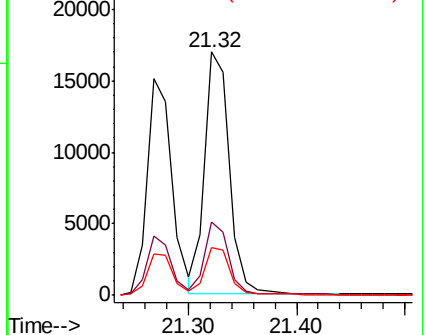
229 19.4 16.2 24.2



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: 0.393 ng

RT: 21.18 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

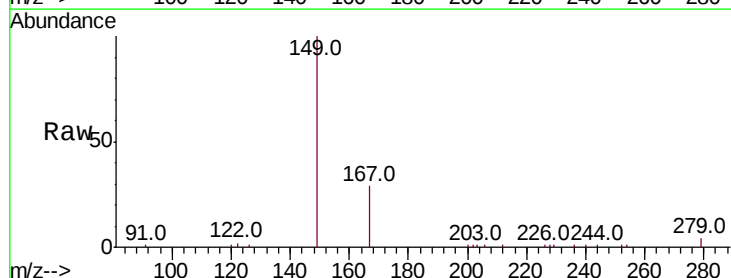
Tgt Ion:149 Resp: 9803

Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.4

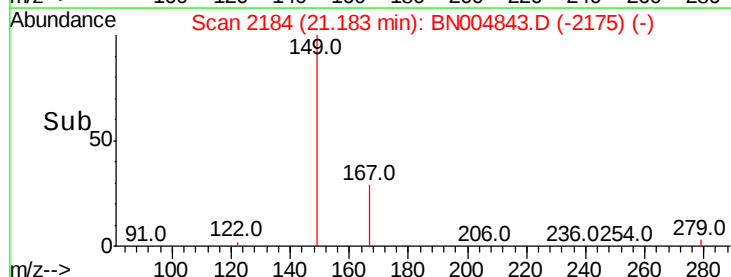
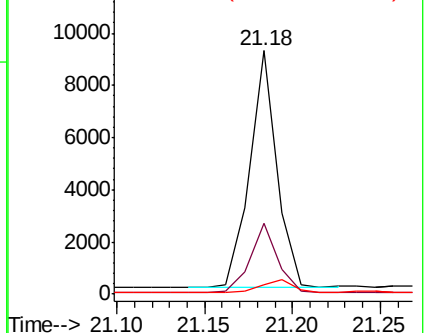
279 5.5 4.6 6.8



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

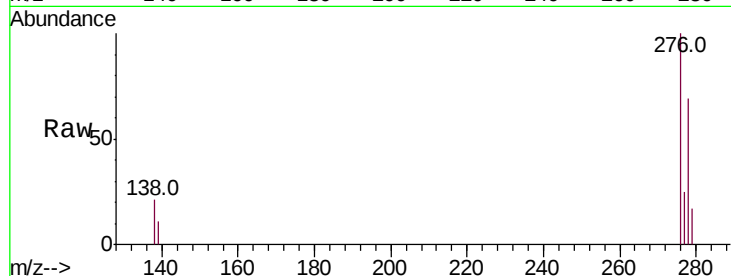




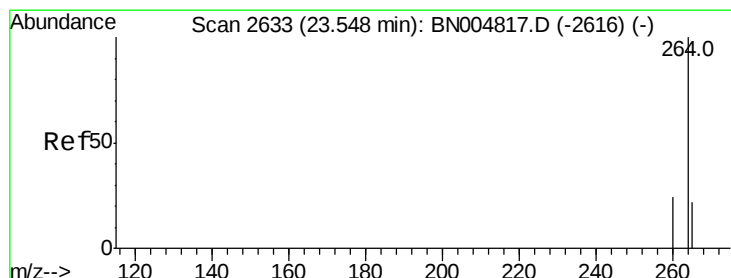
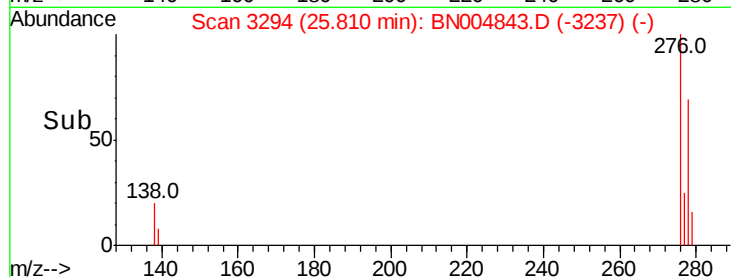
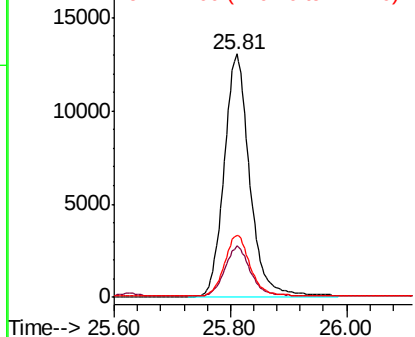
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng
RT: 25.81 min Scan# 3294
Delta R.T. -0.00 min
Lab File: BN004843.D
Acq: 21 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:276 Resp: 39536
Ion Ratio Lower Upper
276 100
138 20.8 16.6 24.8
277 25.5 20.3 30.5

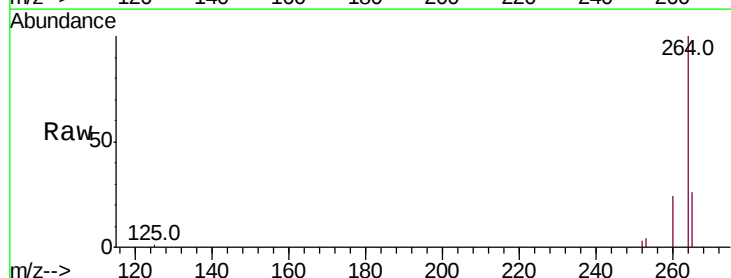


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

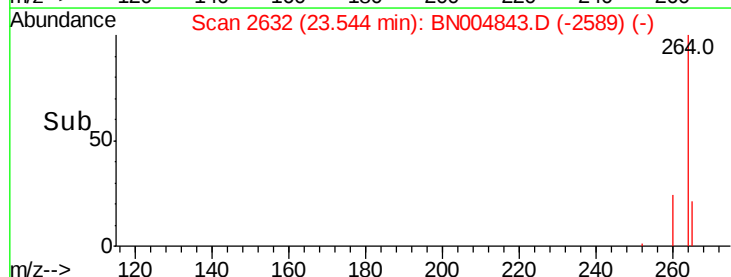
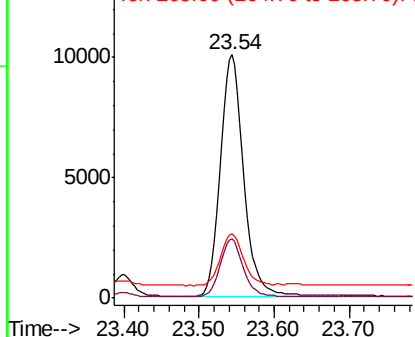


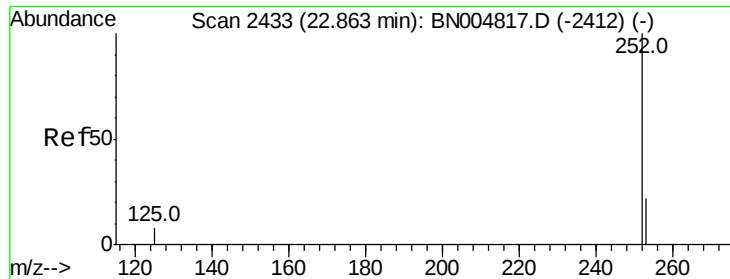
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN004843.D
Acq: 21 Mar 2019 11:08

Tgt Ion:264 Resp: 21650
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 26.3 23.1 34.7



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: 0.401 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

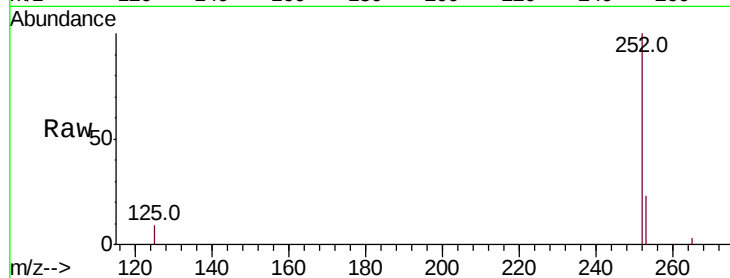
Tot Ion:252 Resp: 31387

Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.4

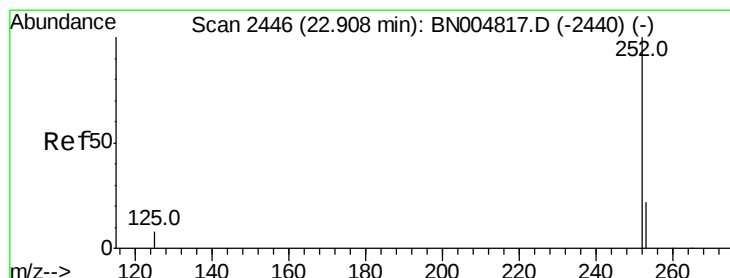
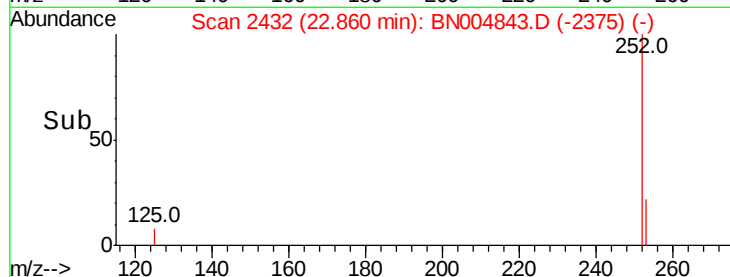
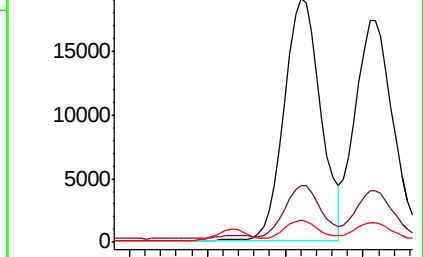
125 8.9 7.4 11.2



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



#36

Benzo(k)fluoranthene

Concen: 0.393 ng

RT: 22.91 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

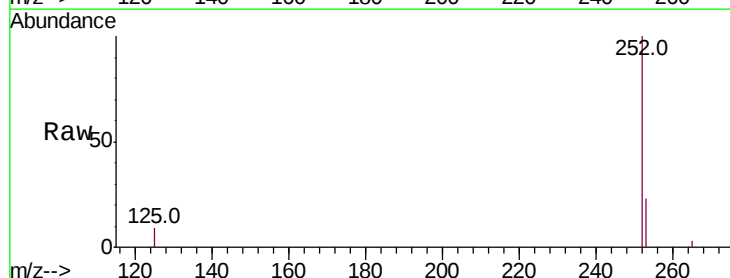
Tgt Ion:252 Resp: 30246

Ion Ratio Lower Upper

252 100

253 23.4 19.3 28.9

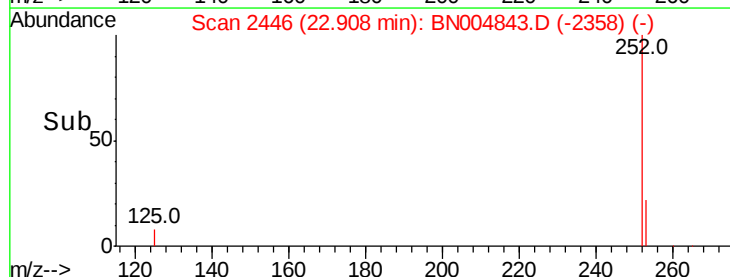
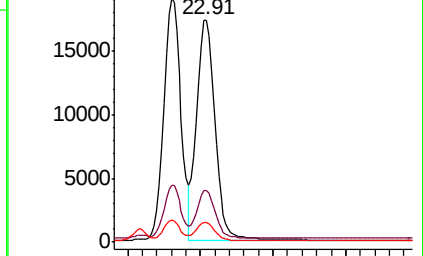
125 8.9 7.4 11.0

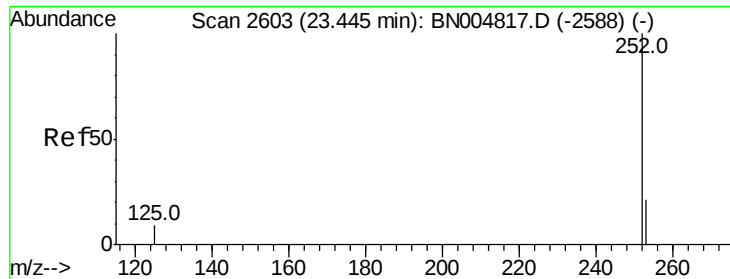


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.45 min Scan# 2603

Delta R.T. 0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

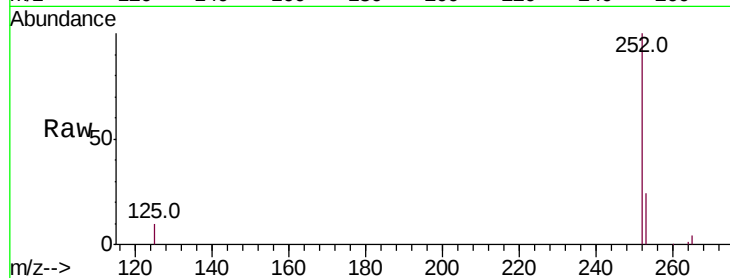
Tot Ion:252 Resp: 28324

Ion Ratio Lower Upper

252 100

253 23.9 19.7 29.5

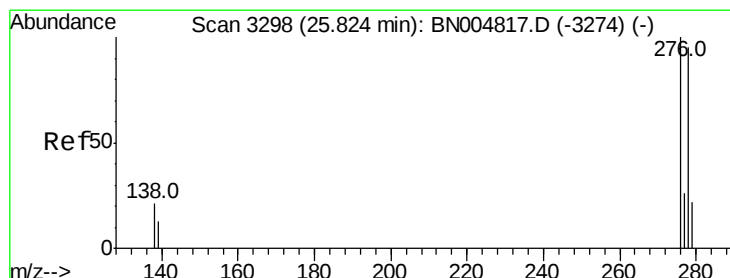
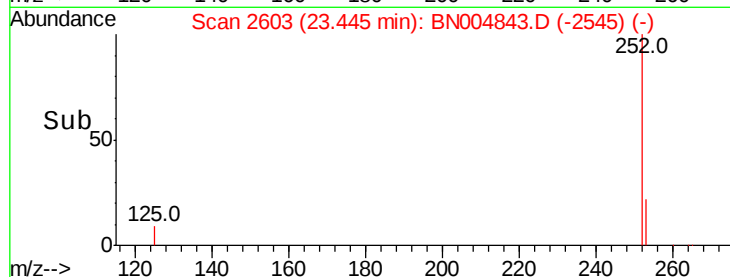
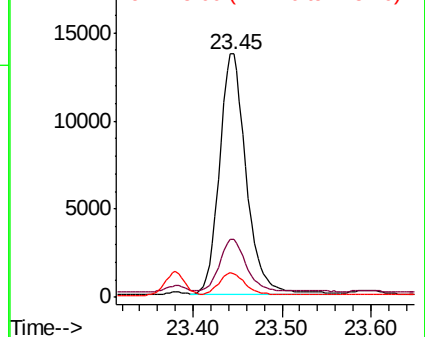
125 9.9 8.3 12.5



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: 0.391 ng

RT: 25.82 min Scan# 3297

Delta R.T. -0.00 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

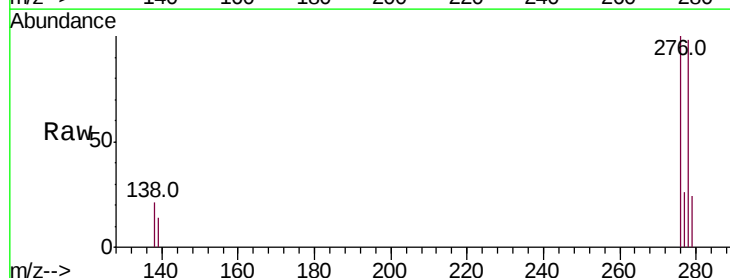
Tgt Ion:278 Resp: 32542

Ion Ratio Lower Upper

278 100

139 14.6 11.7 17.5

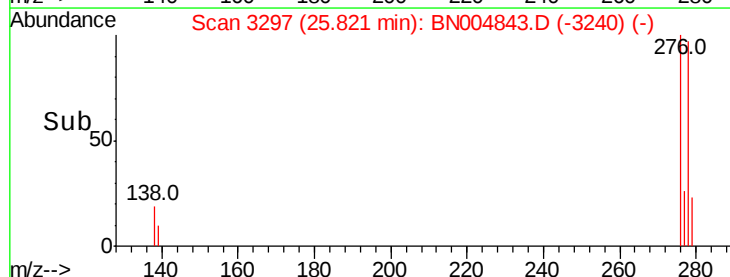
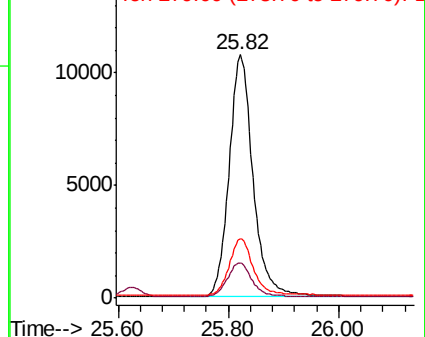
279 24.3 19.9 29.9

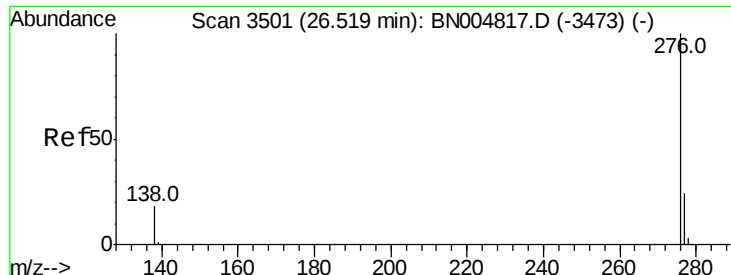


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.392 ng

RT: 26.51 min Scan# 3499

Delta R.T. -0.01 min

Lab File: BN004843.D

Acq: 21 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

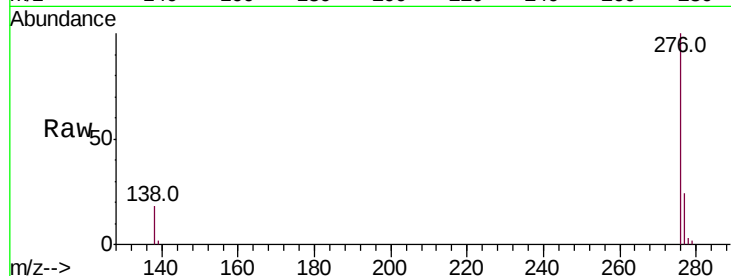
Tot Ion:276 Resp: 33206

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 18.2 14.6 22.0



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

