

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032219\
 Data File : BN004890.D
 Acq On : 22 Mar 2019 19:01
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 23 02:48:21 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	7.69	152	2344	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	9616	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	5775	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	14773	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	19924	0.40	ng	0.00
34) Perylene-d12	23.54	264	21291	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	2557	0.40	ng	0.00
5) Phenol-d6	6.87	99	3030	0.38	ng	0.00
8) Nitrobenzene-d5	8.86	82	2565	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	6621	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1306	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	10102	0.42	ng	-0.01
25) Fluoranthene-d10	19.12	212	19956	0.40	ng	-0.01
29) Terphenyl-d14	19.72	244	17000	0.42	ng	0.00

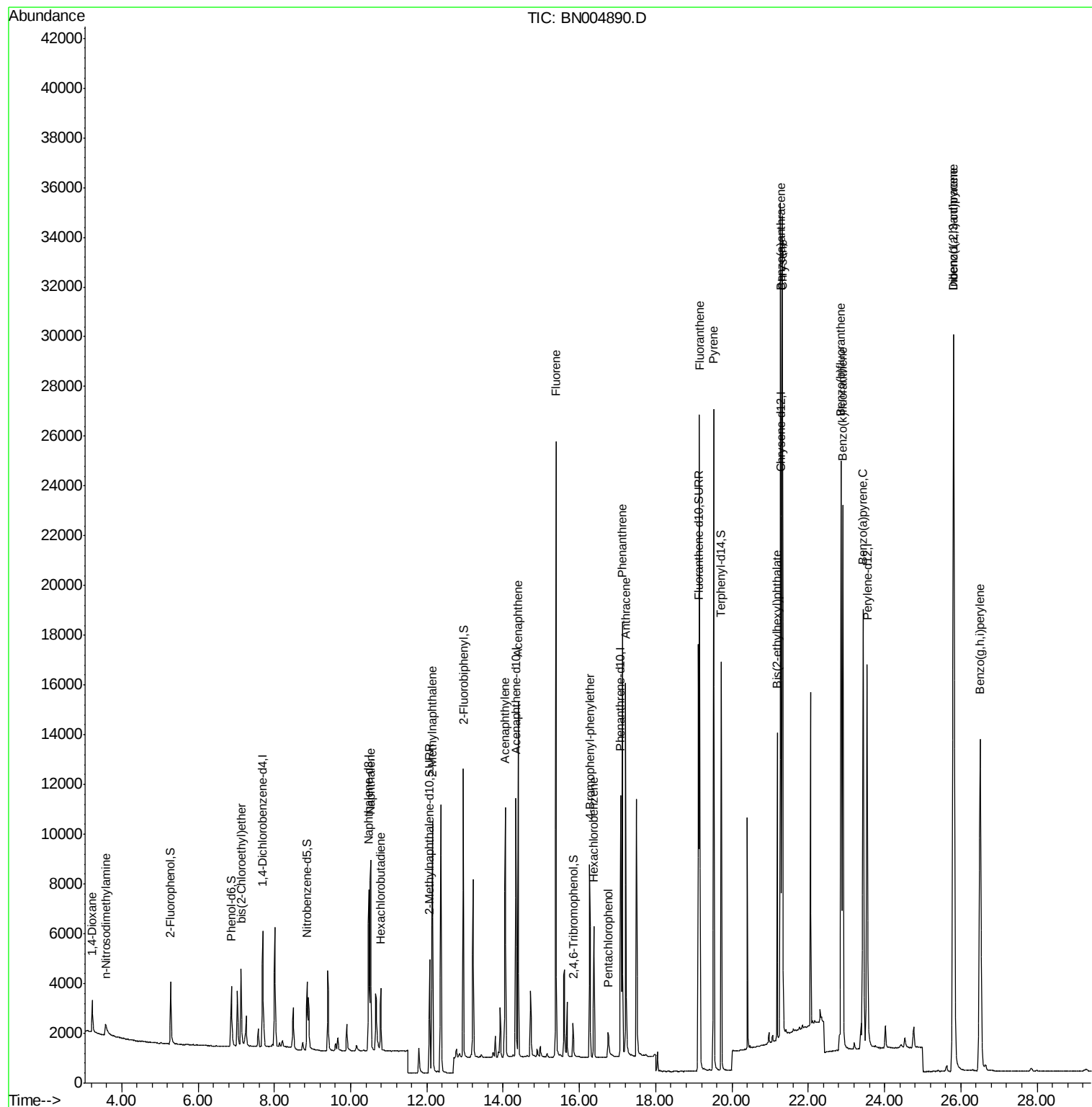
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1151	0.432	ng	99
3) n-Nitrosodimethylamine	3.58	42	533	0.338	ng	# 95
6) bis(2-Chloroethyl)ether	7.13	93	2895	0.404	ng	97
9) Naphthalene	10.53	128	11144	0.413	ng	99
10) Hexachlorobutadiene	10.80	225	2075	0.403	ng	# 99
12) 2-Methylnaphthalene	12.14	142	7855	0.392	ng	100
16) Acenaphthylene	14.05	152	11691	0.393	ng	99
17) Acenaphthene	14.39	154	7879	0.404	ng	99
18) Fluorene	15.38	166	10750	0.395	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	3804	0.394	ng	95
21) Hexachlorobenzene	16.38	284	4242	0.384	ng	96
22) Pentachlorophenol	16.75	266	766	0.355	ng	100
23) Phenanthrene	17.12	178	18753	0.393	ng	99
24) Anthracene	17.22	178	16278	0.382	ng	100
26) Fluoranthene	19.15	202	23878	0.390	ng	100
28) Pyrene	19.52	202	24520	0.404	ng	100
30) Benzo(a)anthracene	21.27	228	25751	0.394	ng	98
31) Chrysene	21.32	228	26962	0.392	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	10069	0.386	ng	99
33) Indeno(1,2,3-cd)pyrene	25.81	276	35332	0.355	ng	99
35) Benzo(b)fluoranthene	22.86	252	29943	0.389	ng	100
36) Benzo(k)fluoranthene	22.90	252	28196	0.372	ng	99
37) Benzo(a)pyrene	23.44	252	27015	0.382	ng	99
38) Dibenzo(a,h)anthracene	25.82	278	29072	0.355	ng	99
39) Benzo(g,h,i)perylene	26.51	276	29111	0.349	ng	98

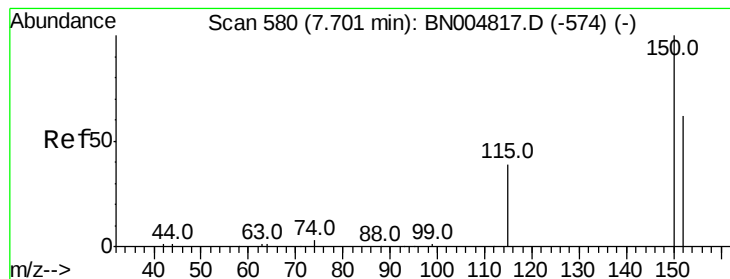
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

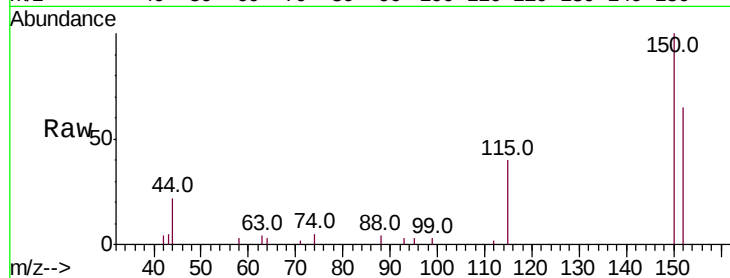
Tot Ion:152 Resp: 2344

Ion Ratio Lower Upper

152 100

150 154.1 126.2 189.4

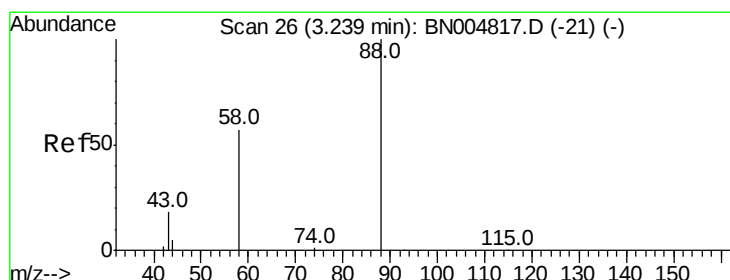
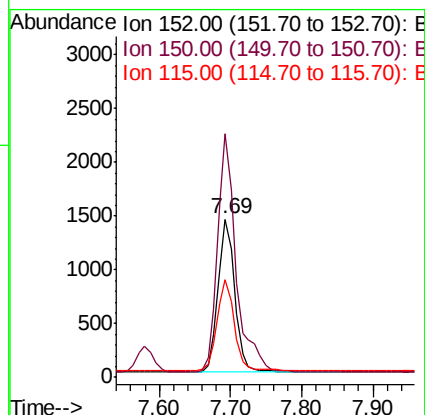
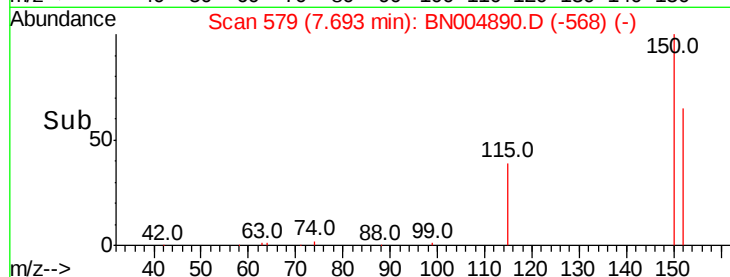
115 62.1 52.6 79.0



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: 0.432 ng

RT: 3.23 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

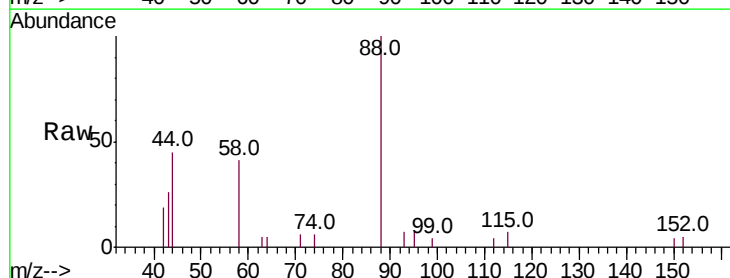
Tgt Ion: 88 Resp: 1151

Ion Ratio Lower Upper

88 100

58 65.2 51.4 77.2

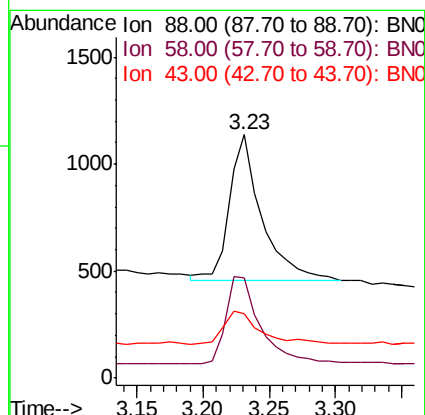
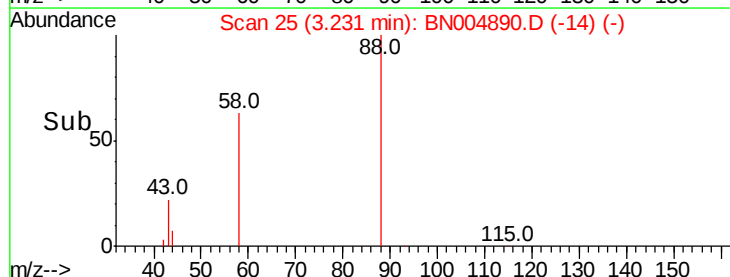
43 25.3 20.0 30.0

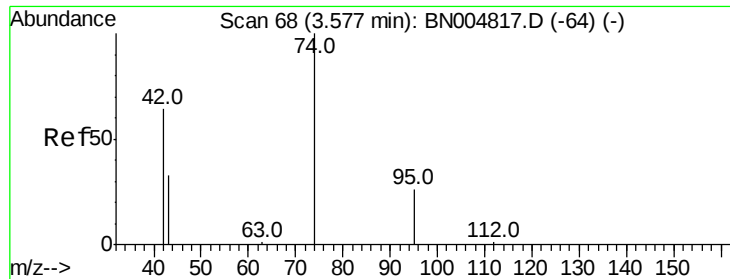


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.338 ng

RT: 3.58 min Scan# 68

Delta R.T. -0.00 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

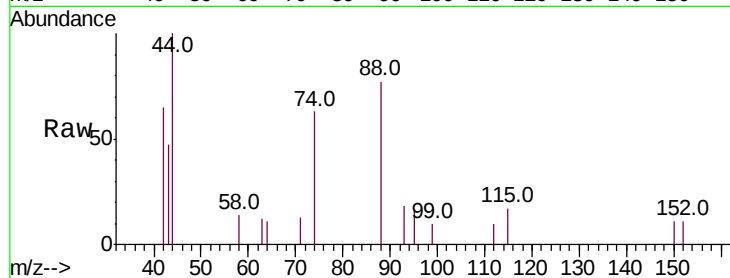
Tot Ion: 42 Resp: 533

Ion Ratio Lower Upper

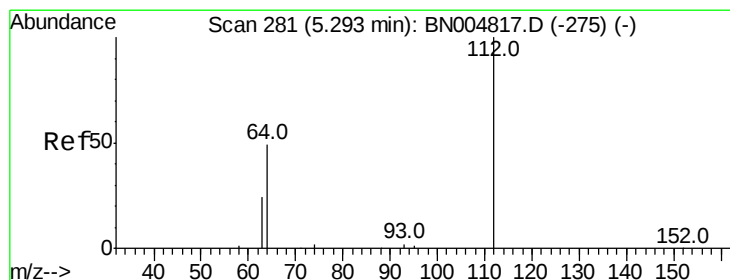
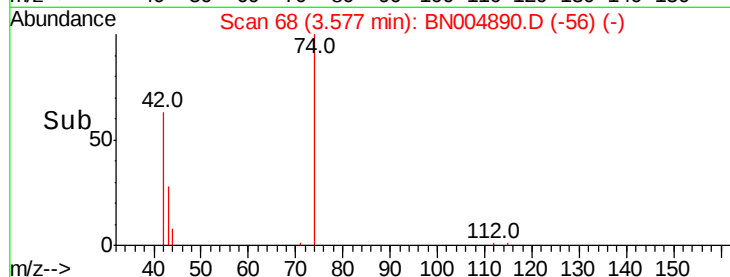
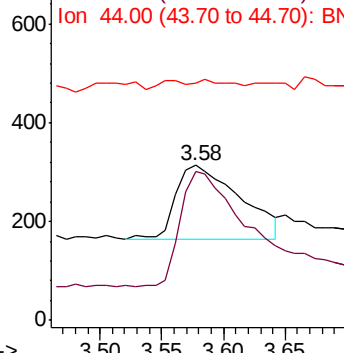
42 100

74 155.0 128.4 192.6

44 2.8 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.401 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

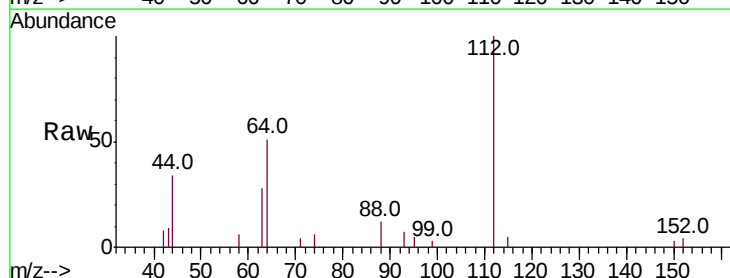
Tgt Ion: 112 Resp: 2557

Ion Ratio Lower Upper

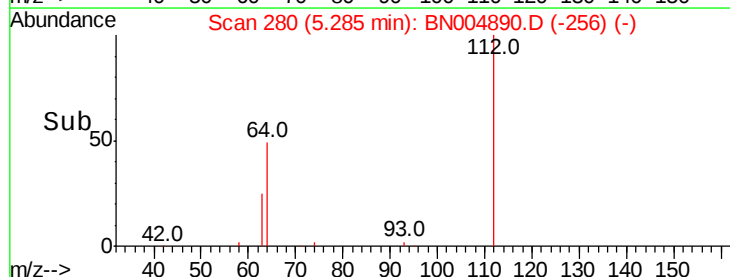
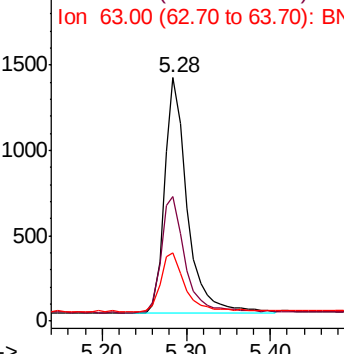
112 100

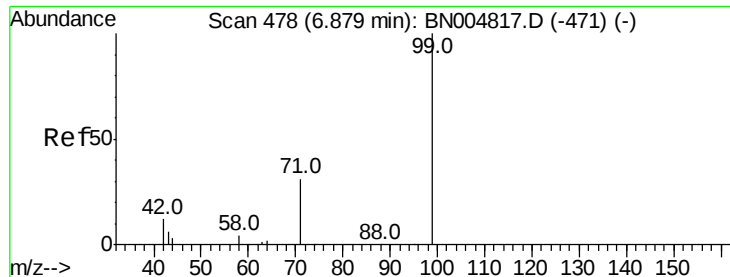
64 52.3 40.0 60.0

63 26.7 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.382 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

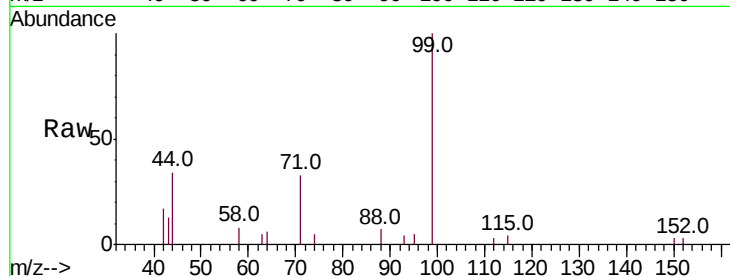
Tot Ion: 99 Resp: 3030

Ion Ratio Lower Upper

99 100

42 14.8 12.7 19.1

71 32.4 26.6 40.0

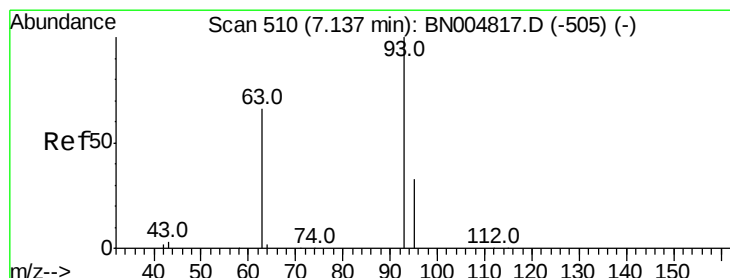
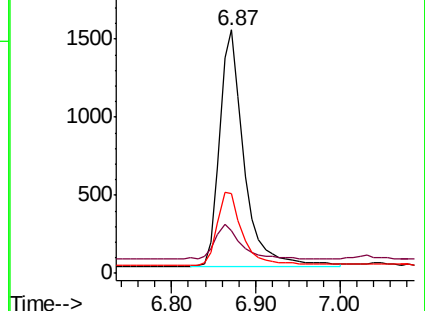
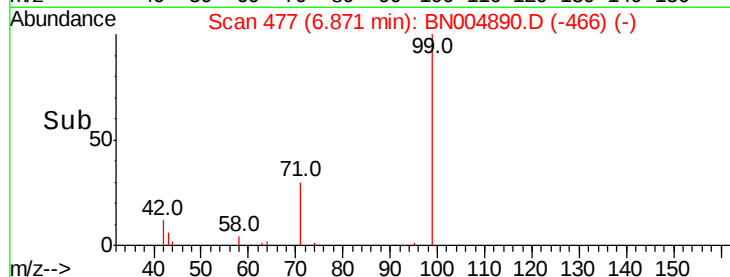


Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.404 ng

RT: 7.13 min Scan# 509

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

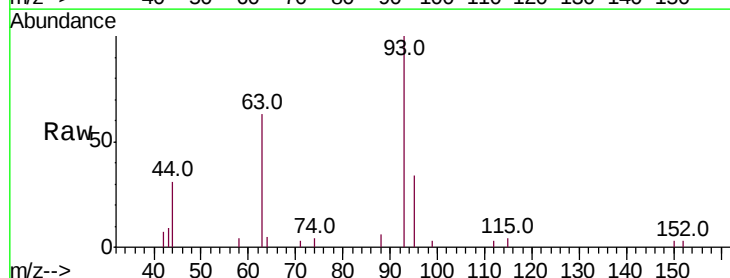
Tgt Ion: 93 Resp: 2895

Ion Ratio Lower Upper

93 100

63 63.6 52.6 78.8

95 30.9 25.9 38.9

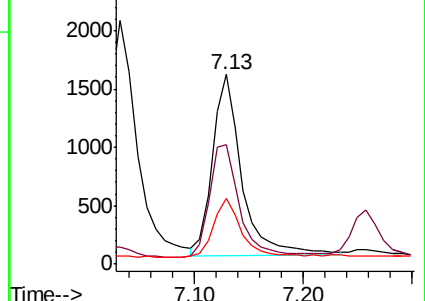
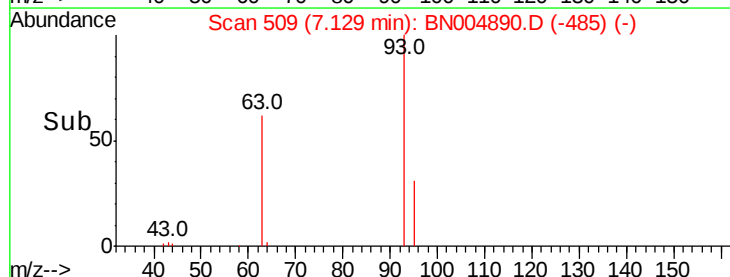


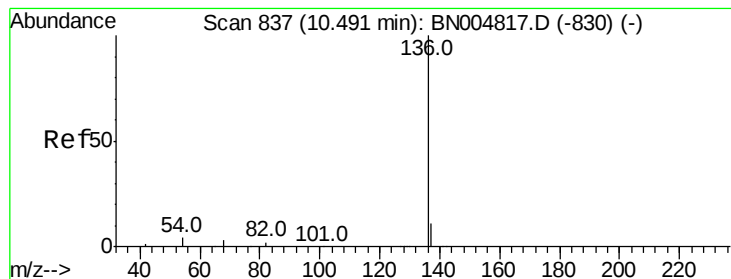
Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-505) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 9616

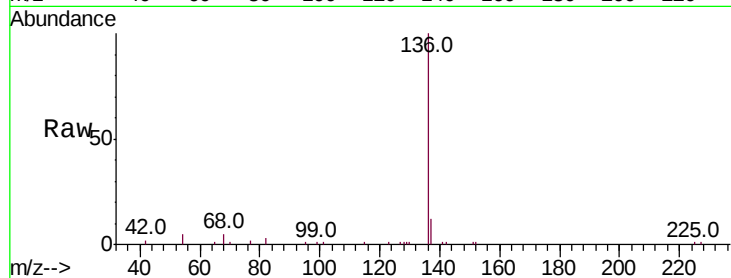
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 5.3 4.2 6.2

68 4.7 3.9 5.9

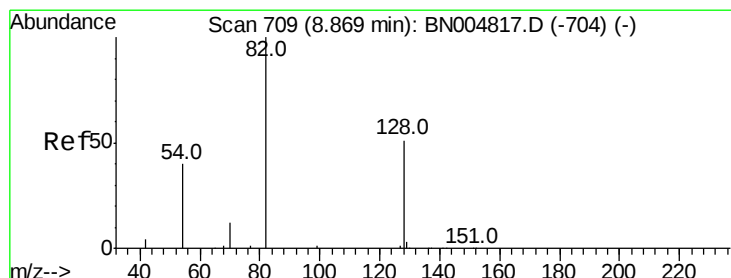
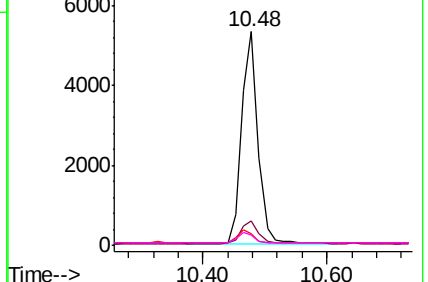
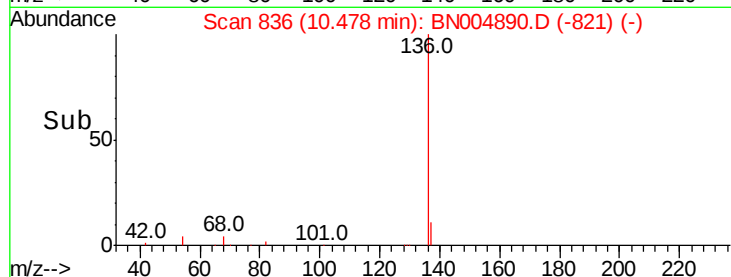


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.403 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

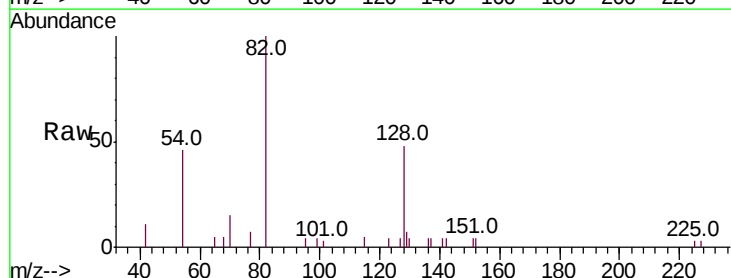
Tgt Ion: 82 Resp: 2565

Ion Ratio Lower Upper

82 100

128 48.0 43.0 64.6

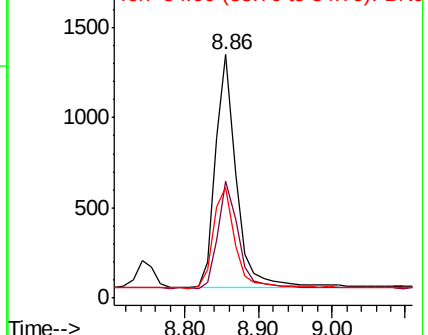
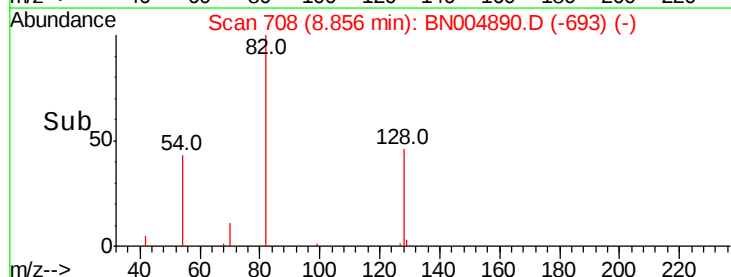
54 45.7 35.3 52.9

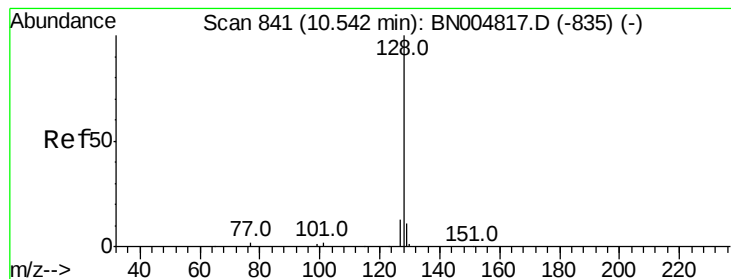


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.413 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

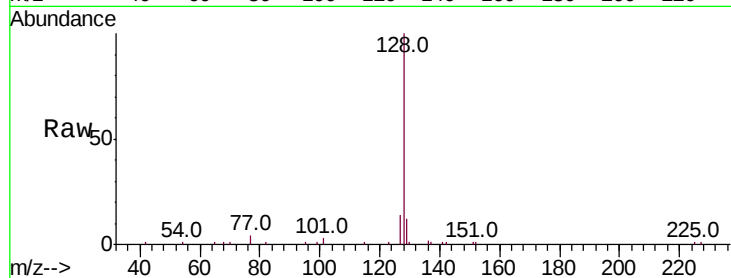
Tot Ion:128 Resp: 11144

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

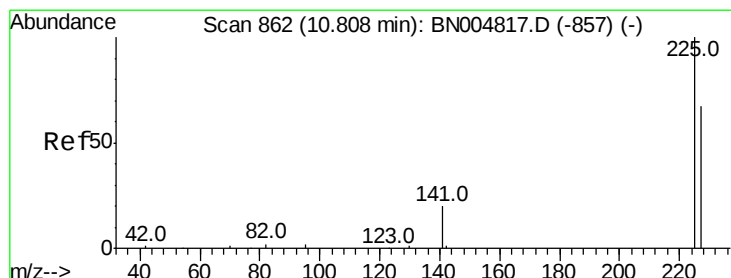
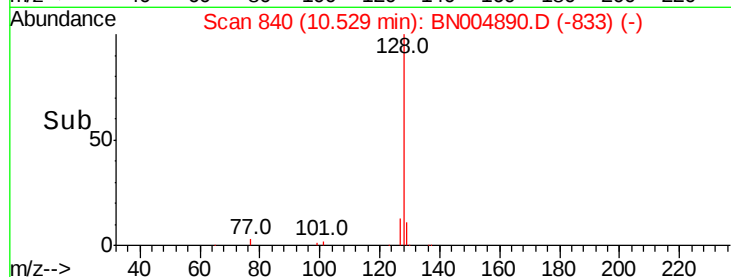
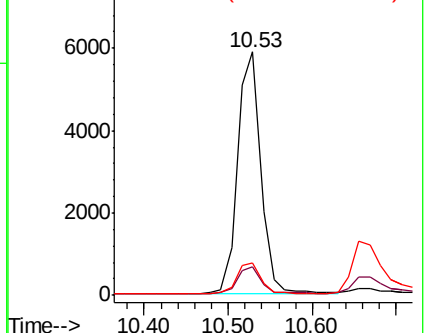
127 13.6 11.3 16.9



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: 0.403 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

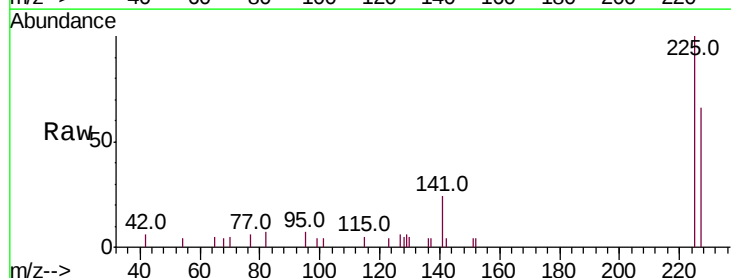
Tgt Ion:225 Resp: 2075

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

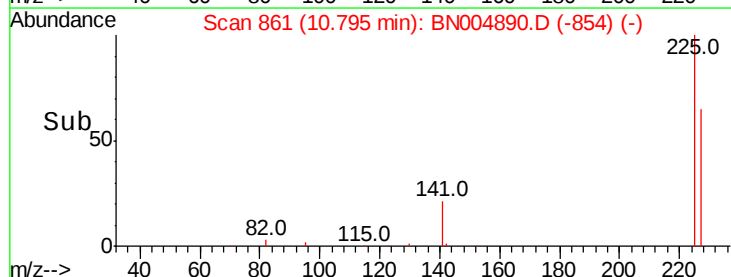
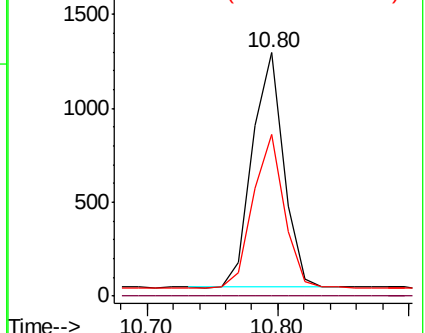
227 64.5 52.2 78.4

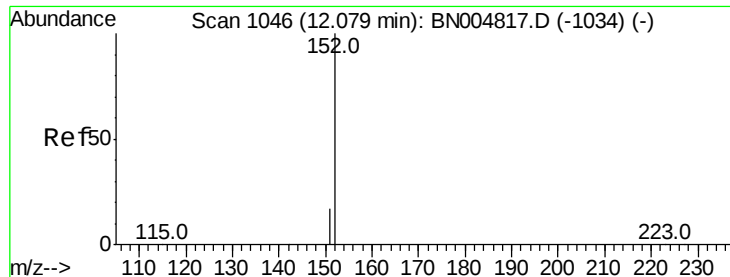


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

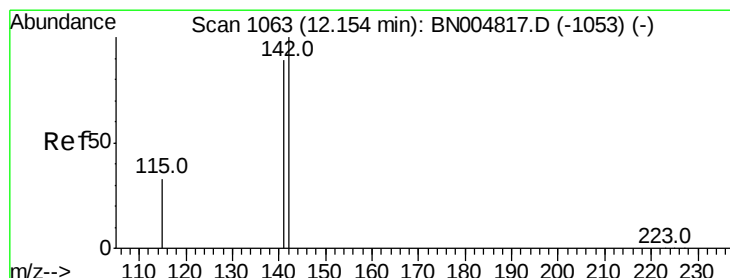
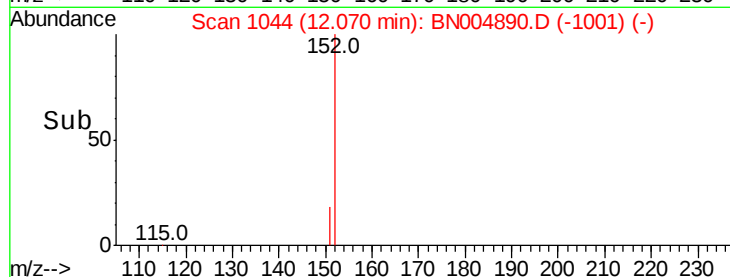
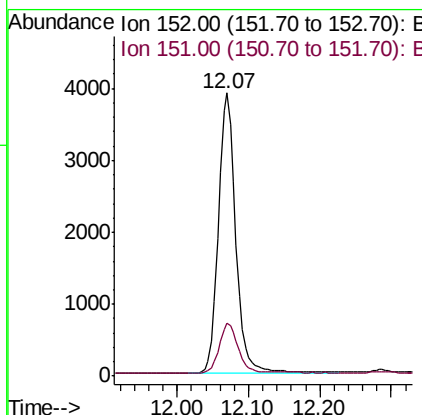
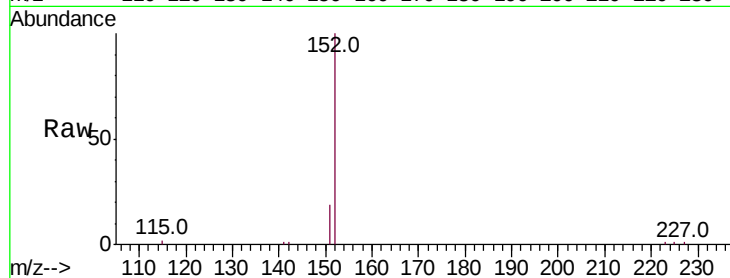




#11
 2-Methylnaphthalene-d10
 Concen: 0.395 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BN004890.D
 Acq: 22 Mar 2019 19:01

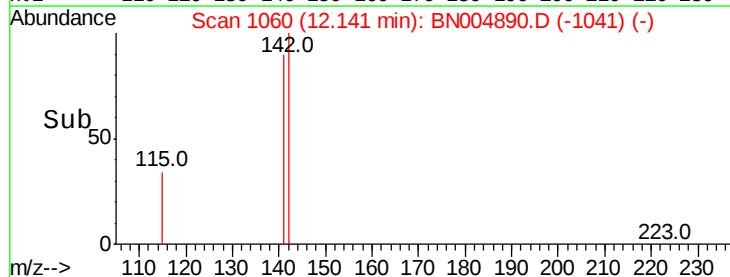
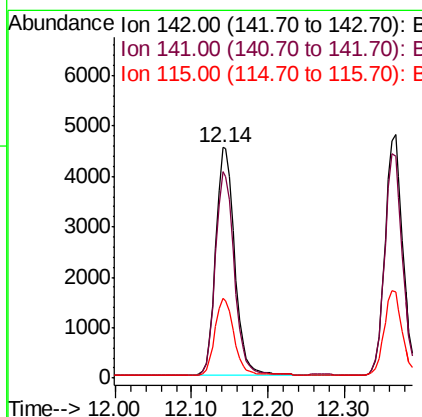
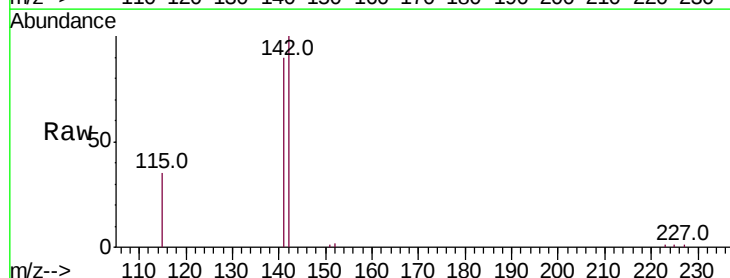
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:152 Resp: 6621
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.392 ng
 RT: 12.14 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BN004890.D
 Acq: 22 Mar 2019 19:01

Tgt Ion:142 Resp: 7855
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.4 107.2
 115 34.6 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

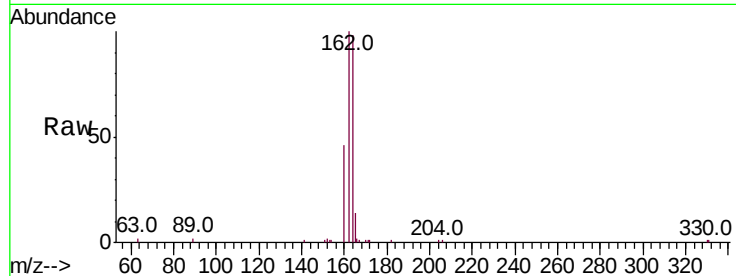
Tot Ion:164 Resp: 5775

Ion Ratio Lower Upper

164 100

162 101.9 81.9 122.9

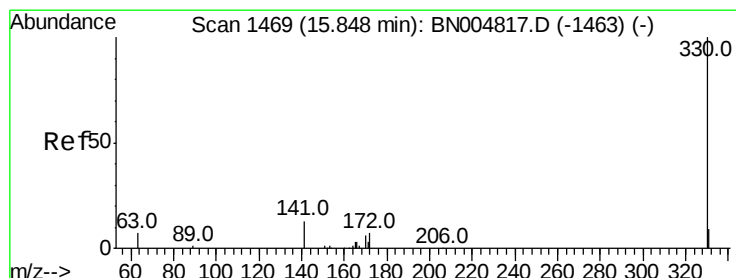
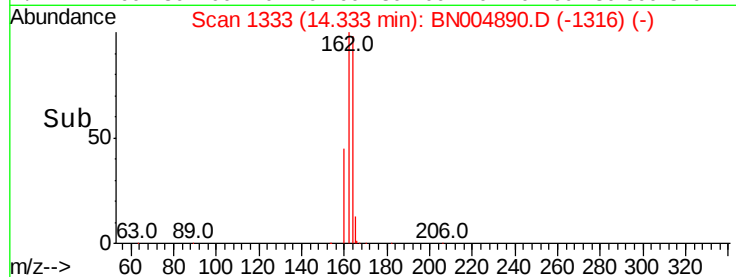
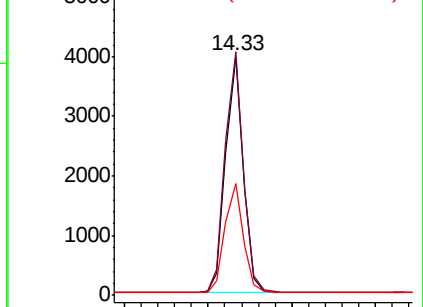
160 46.6 36.6 54.8



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: 0.327 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

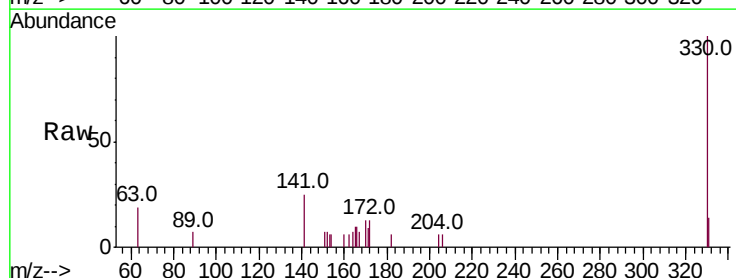
Tgt Ion:330 Resp: 1306

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

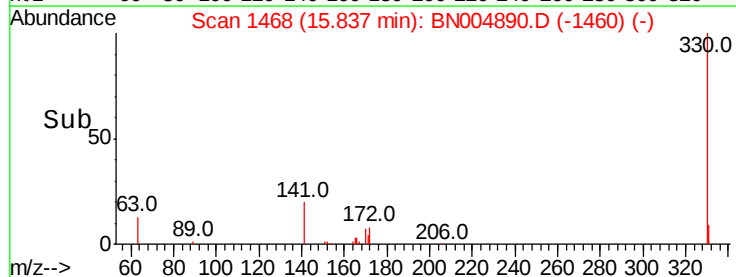
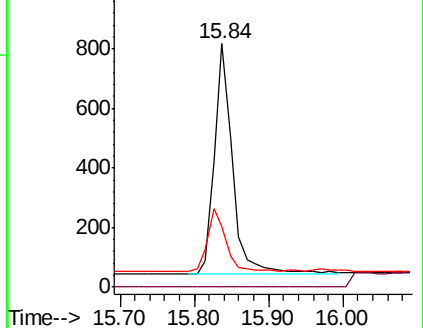
141 28.4 20.9 31.3



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

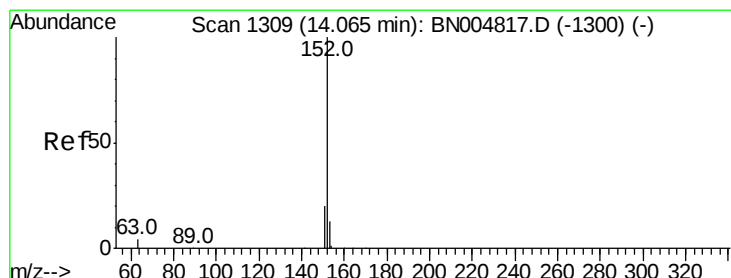
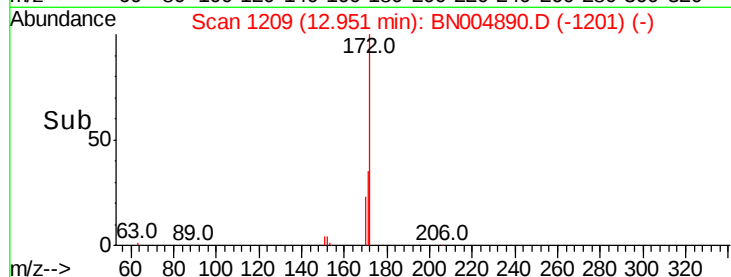
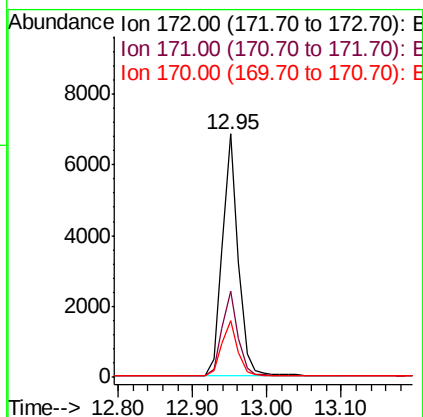
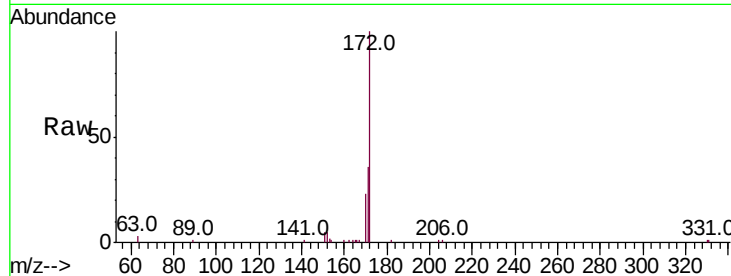




#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004890.D
Acq: 22 Mar 2019 19:01

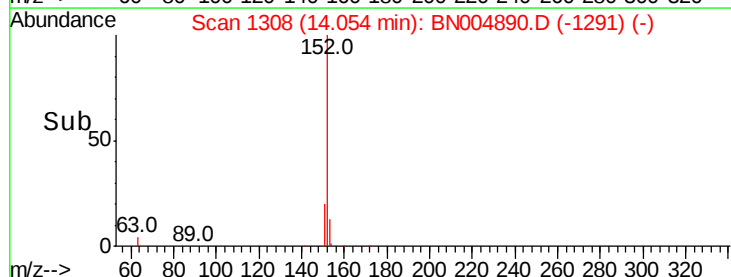
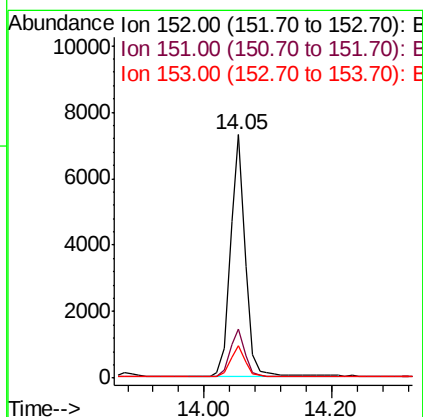
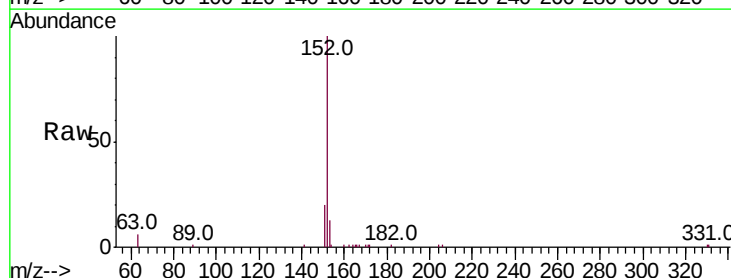
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 10102
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.1 18.7 28.1



#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004890.D
Acq: 22 Mar 2019 19:01

Tgt Ion:152 Resp: 11691
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

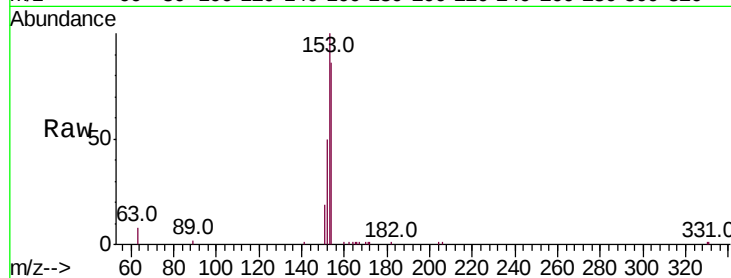
Tot Ion:154 Resp: 7879

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

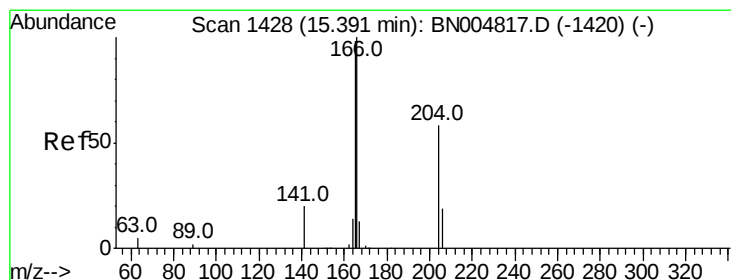
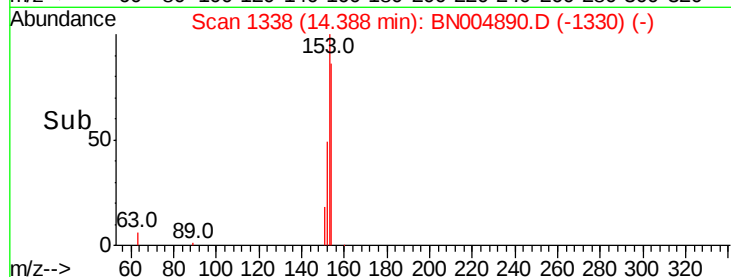
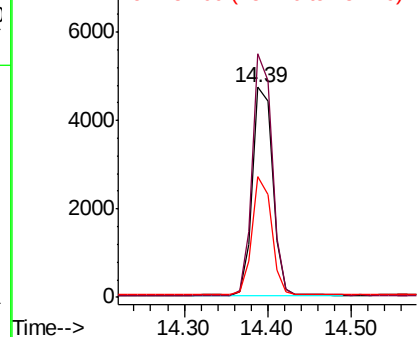
152 54.8 44.2 66.2



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: 0.395 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

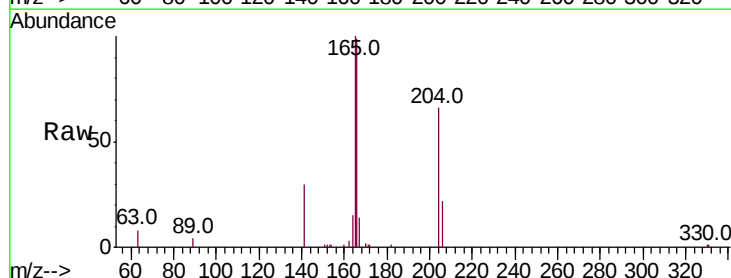
Tgt Ion:166 Resp: 10750

Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.4

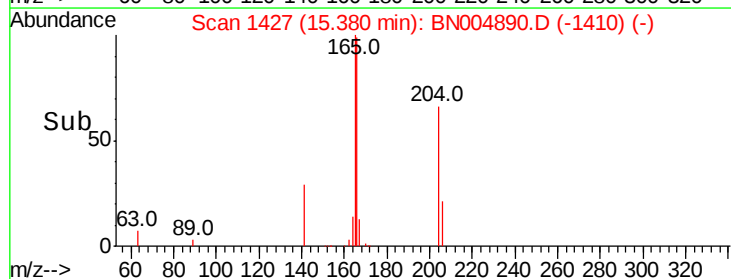
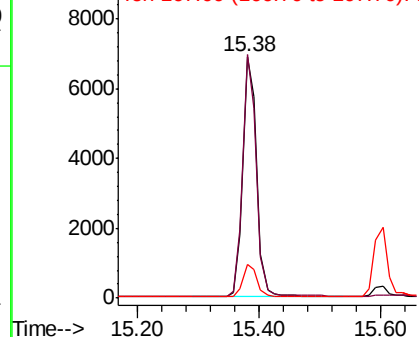
167 13.6 11.0 16.4

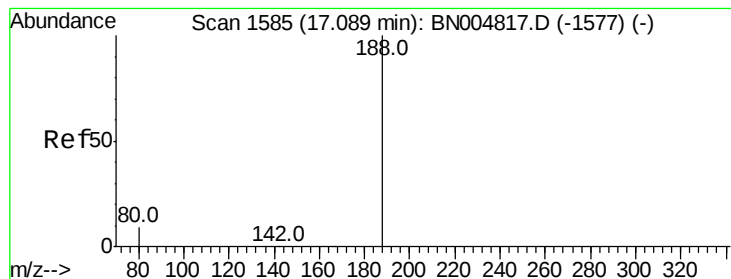


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

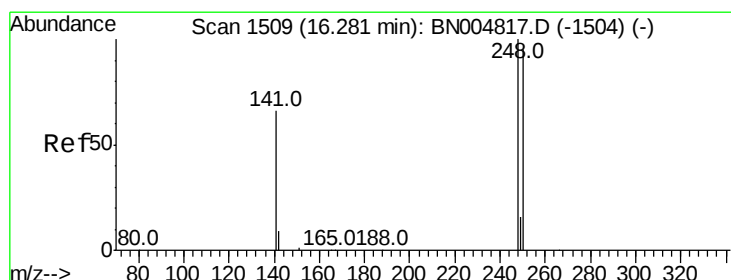
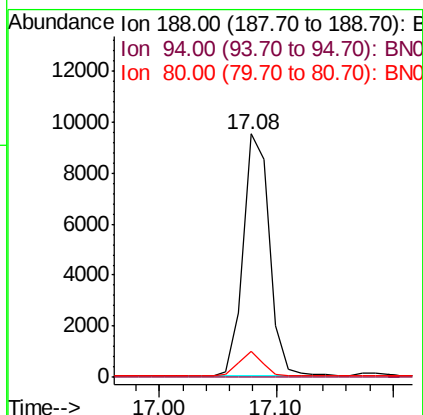
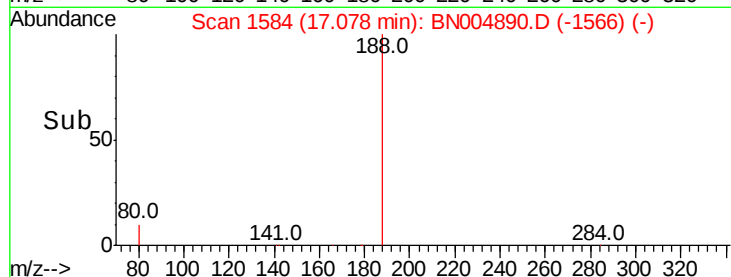
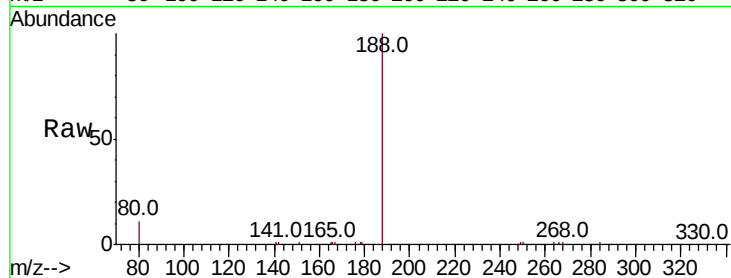
Tot Ion:188 Resp: 14773

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 7.4 11.2



#20

4-Bromophenyl-phenylether

Concen: 0.394 ng

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

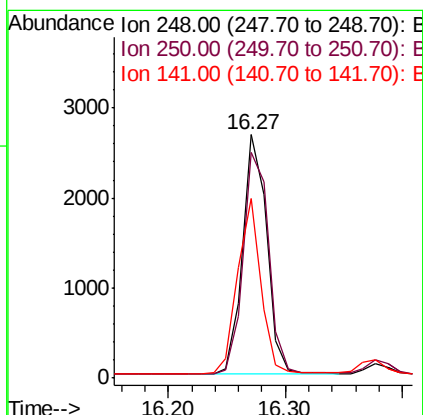
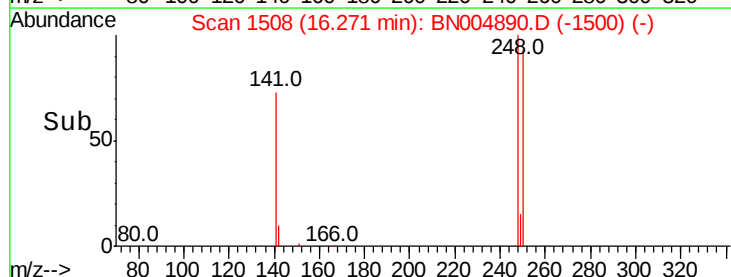
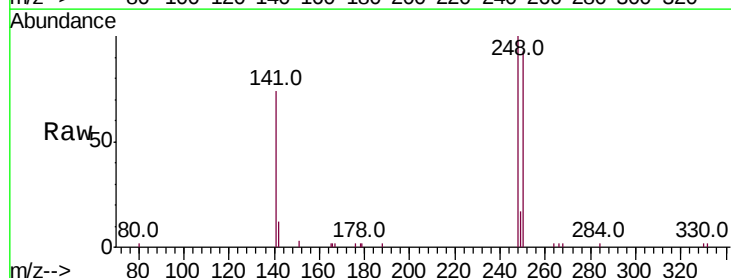
Tgt Ion:248 Resp: 3804

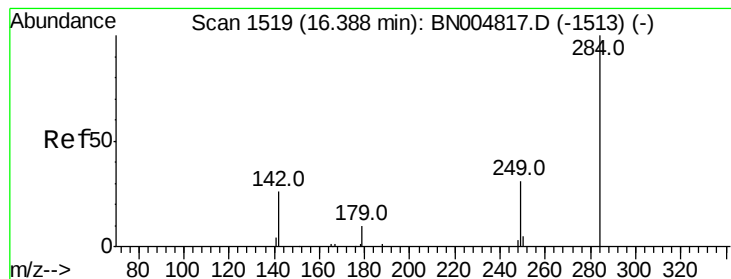
Ion Ratio Lower Upper

248 100

250 92.9 76.2 114.4

141 73.5 53.9 80.9





#21

Hexachlorobenzene

Concen: 0.384 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

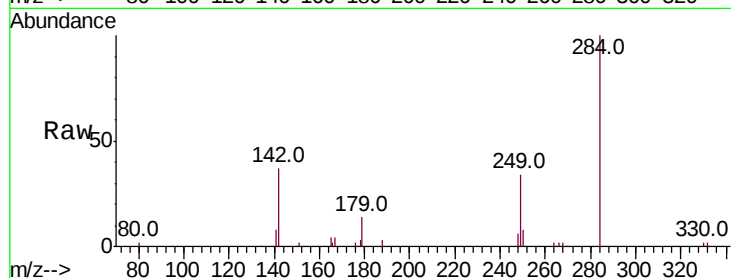
Tot Ion:284 Resp: 4242

Ion Ratio Lower Upper

284 100

142 31.4 22.6 34.0

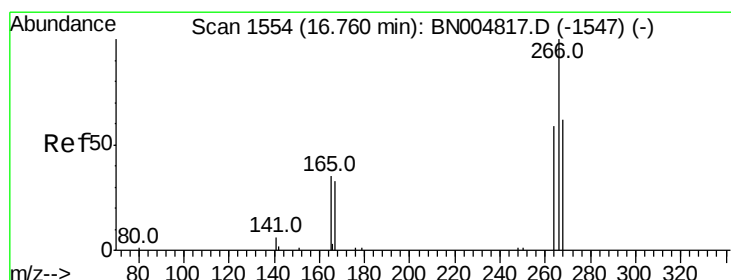
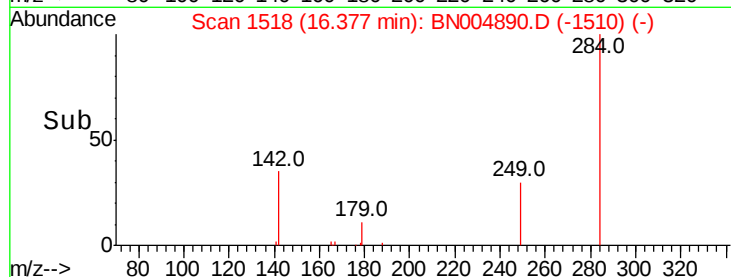
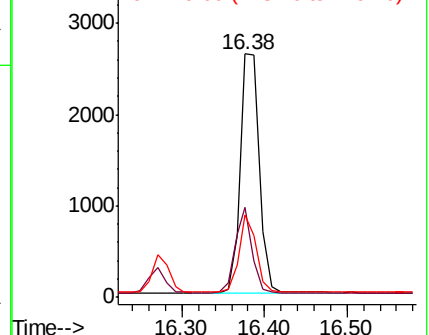
249 29.2 22.5 33.7



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: 0.355 ng

RT: 16.75 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

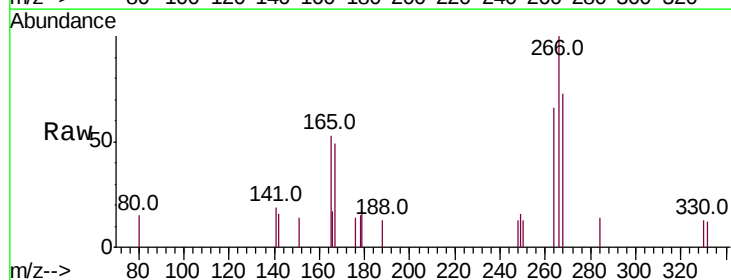
Tgt Ion:266 Resp: 766

Ion Ratio Lower Upper

266 100

264 66.4 53.1 79.7

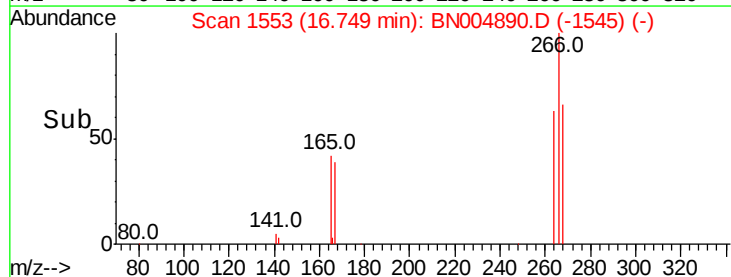
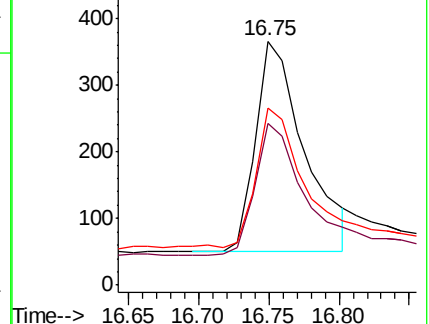
268 72.7 57.7 86.5

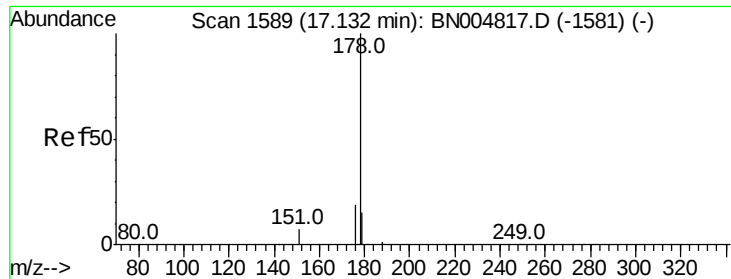


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.393 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

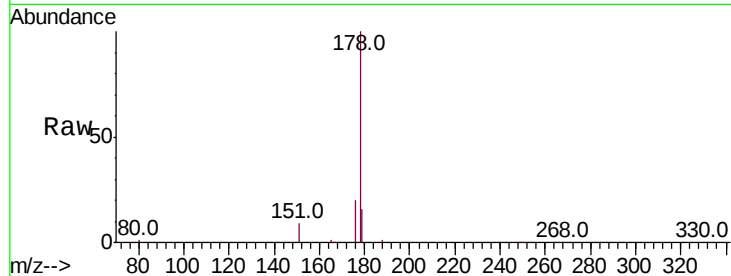
Tot Ion:178 Resp: 18753

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

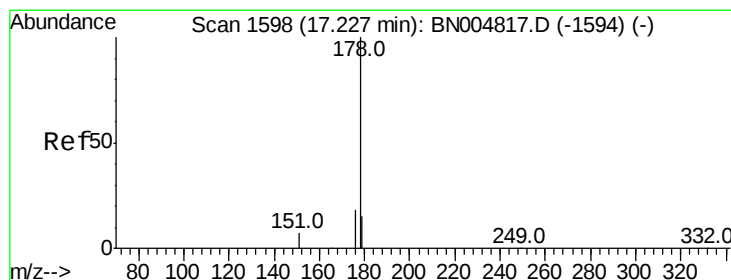
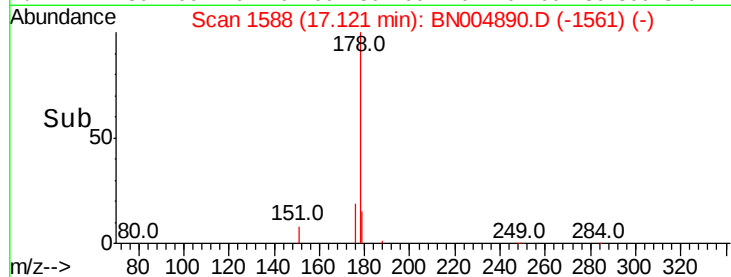
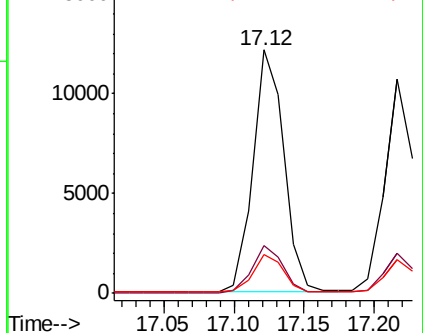
179 15.4 12.1 18.1



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: 17.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

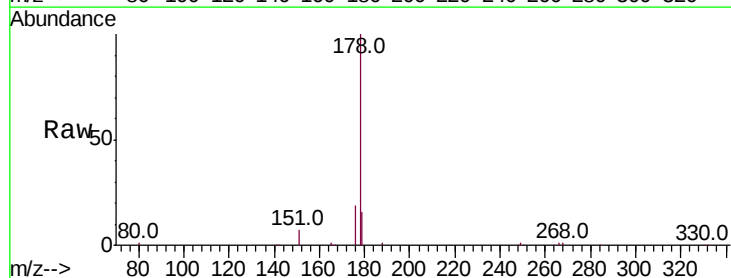
Tgt Ion:178 Resp: 16278

Ion Ratio Lower Upper

178 100

176 18.4 14.5 21.7

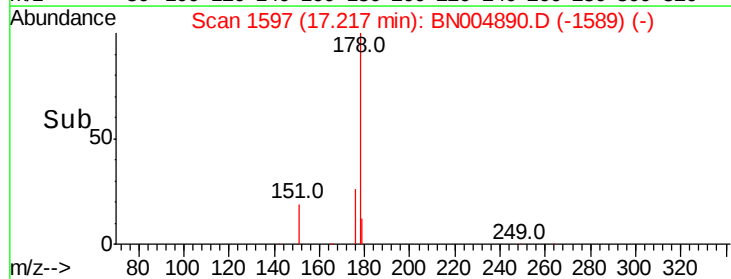
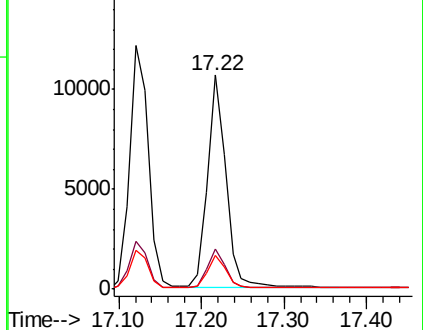
179 15.2 12.2 18.4

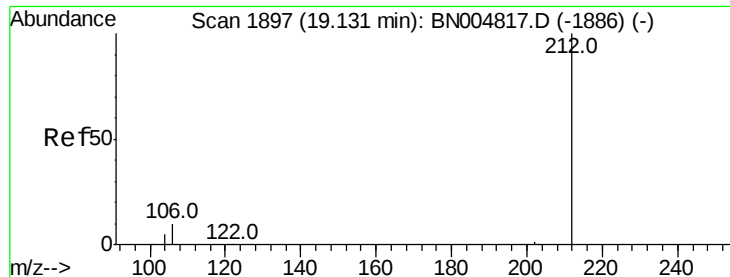


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.12 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

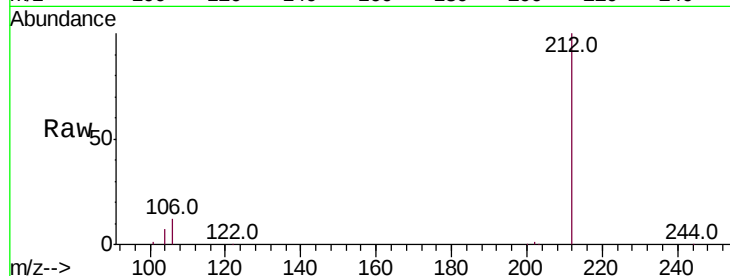
Tot Ion:212 Resp: 19956

Ion Ratio Lower Upper

212 100

106 11.4 8.6 13.0

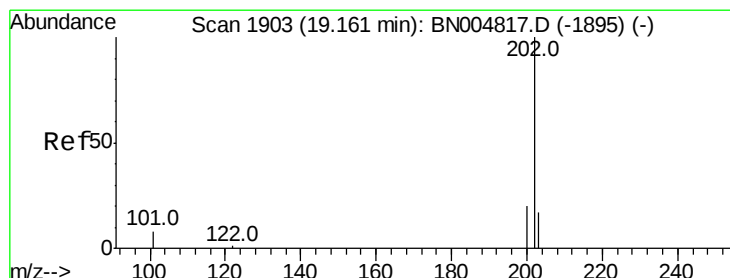
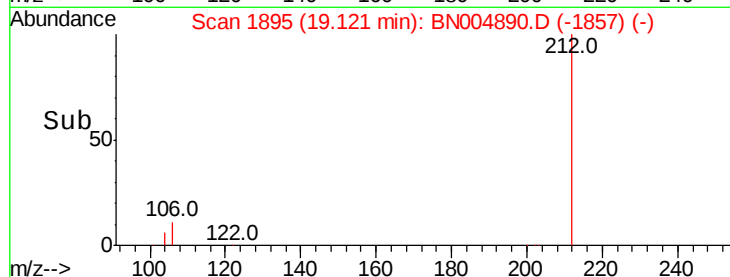
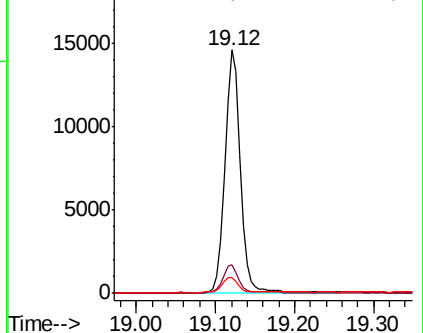
104 6.3 4.7 7.1



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: 0.390 ng

RT: 19.15 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

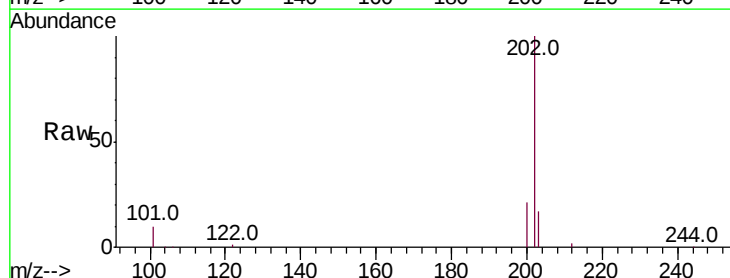
Tgt Ion:202 Resp: 23878

Ion Ratio Lower Upper

202 100

101 9.7 7.5 11.3

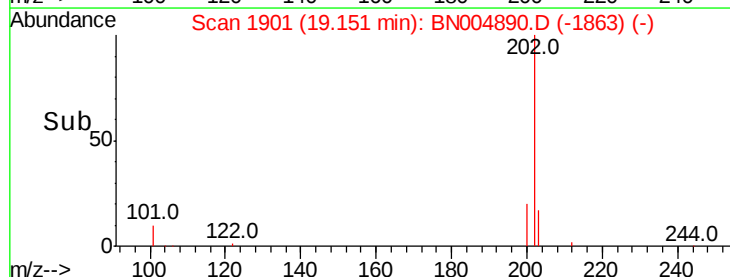
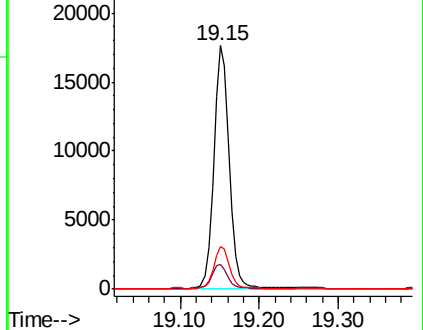
203 17.3 13.8 20.6

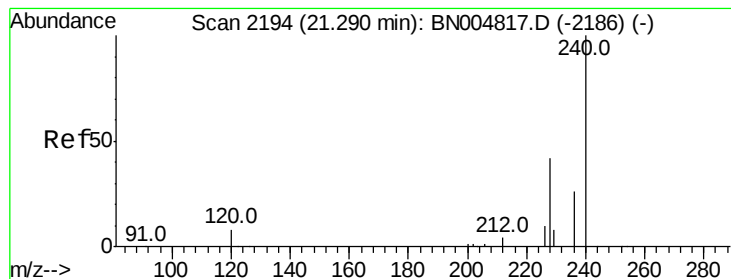


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

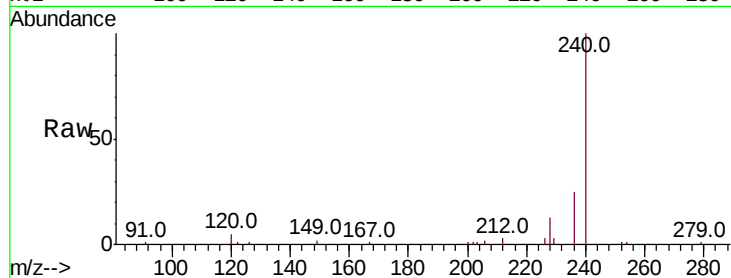
Tot Ion:240 Resp: 19924

Ion Ratio Lower Upper

240 100

120 5.2 7.2 10.8#

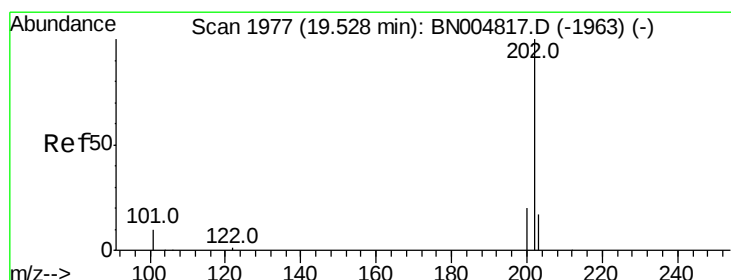
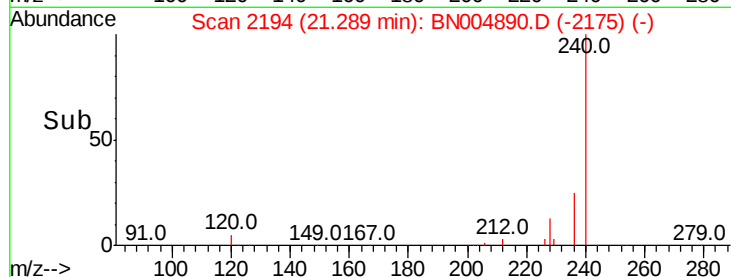
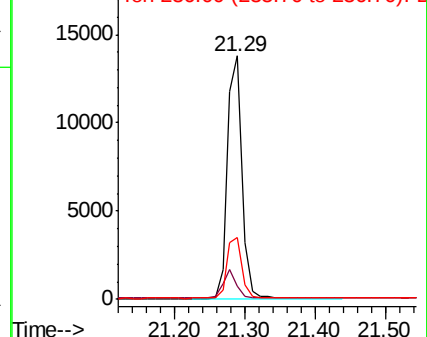
236 25.4 20.9 31.3



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: 0.404 ng

RT: 19.52 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

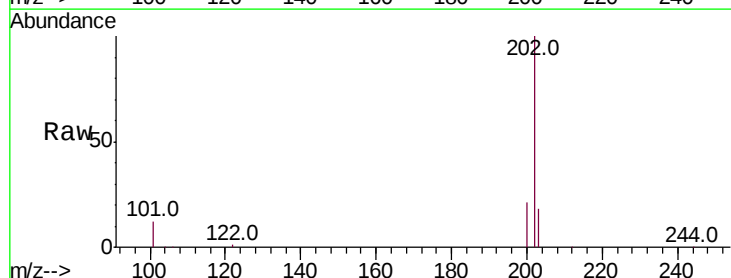
Tgt Ion:202 Resp: 24520

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

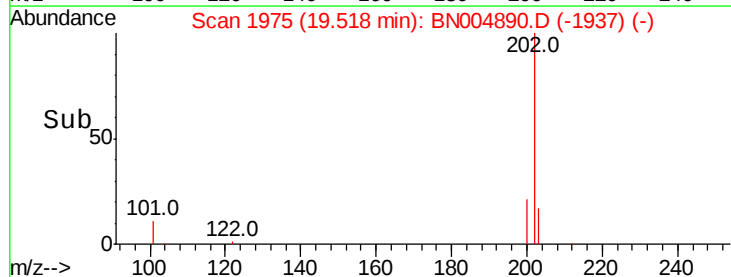
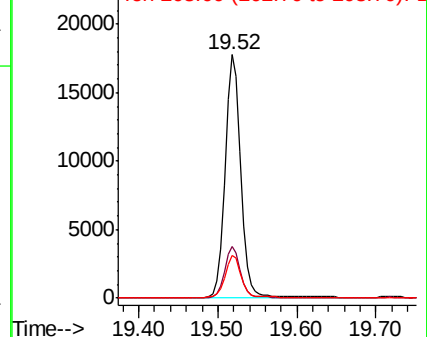
203 17.5 14.0 21.0

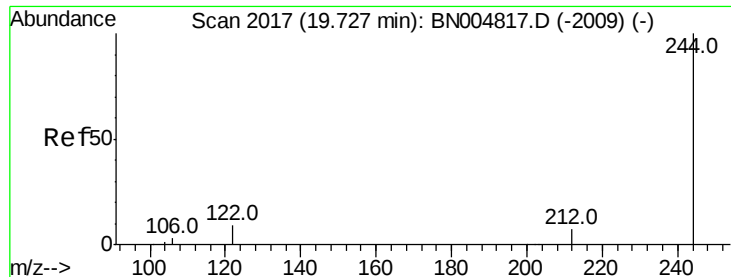


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

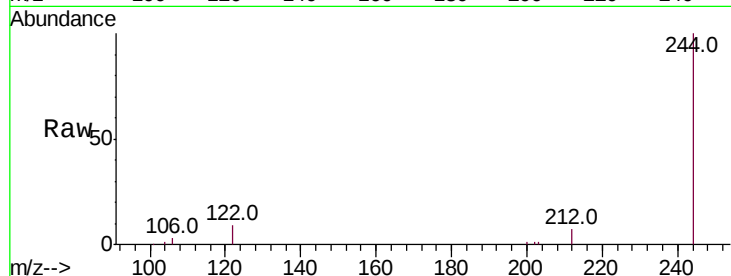
Tot Ion:244 Resp: 17000

Ion Ratio Lower Upper

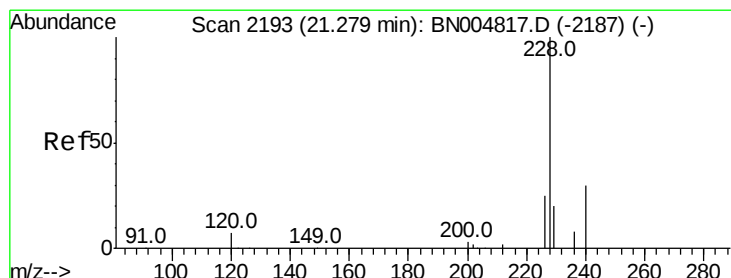
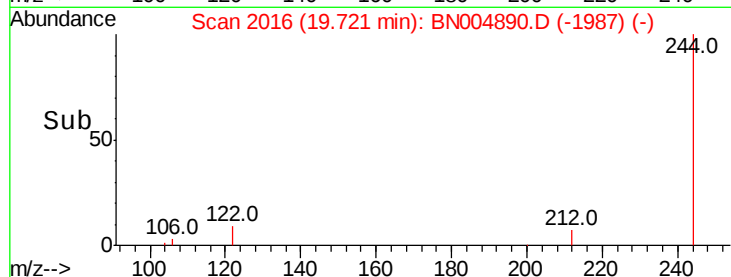
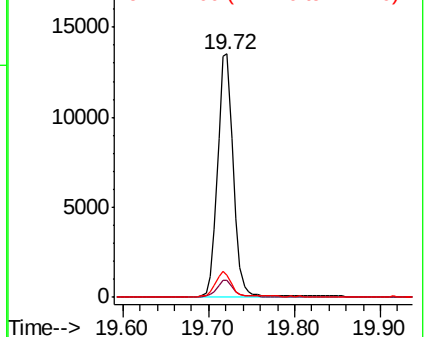
244 100

212 7.2 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: 0.394 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

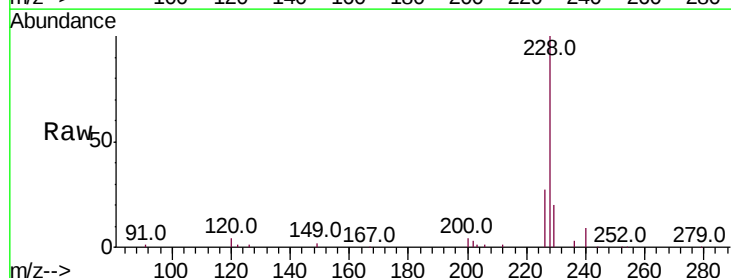
Tgt Ion:228 Resp: 25751

Ion Ratio Lower Upper

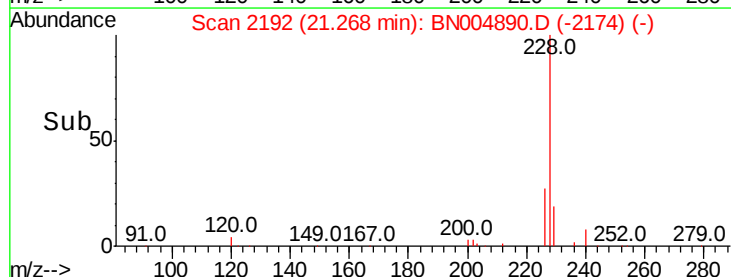
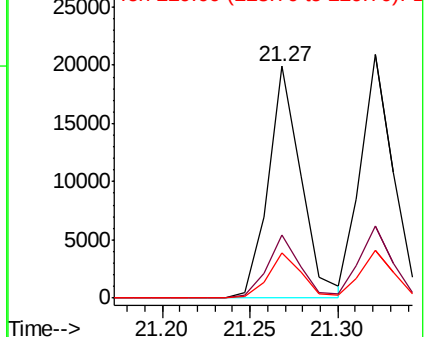
228 100

226 27.0 20.6 31.0

229 19.6 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: 0.392 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

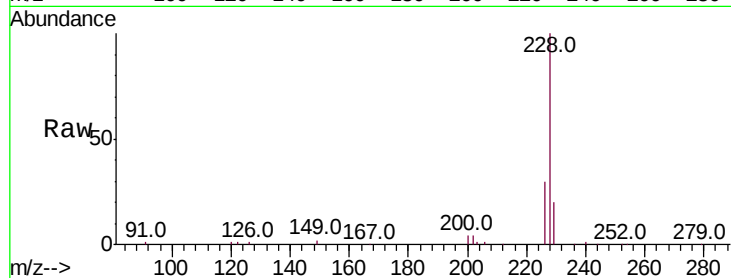
Tot Ion:228 Resp: 26962

Ion Ratio Lower Upper

228 100

226 29.6 23.0 34.6

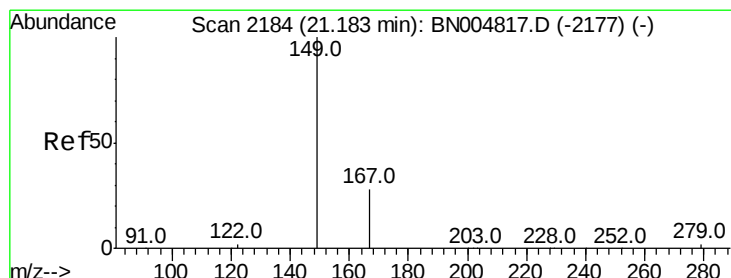
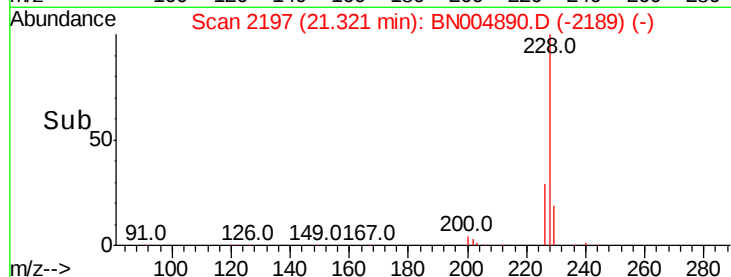
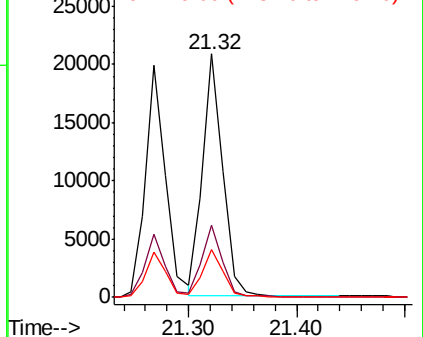
229 19.6 16.2 24.2



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: 0.386 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

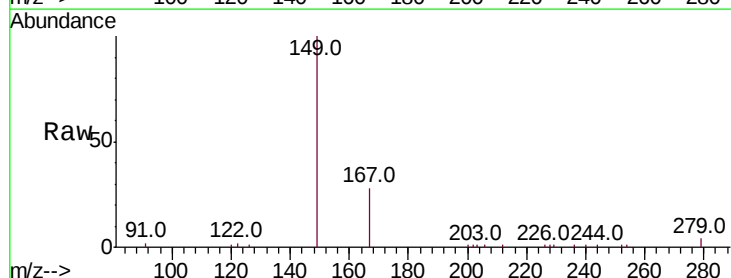
Tgt Ion:149 Resp: 10069

Ion Ratio Lower Upper

149 100

167 27.9 23.0 34.4

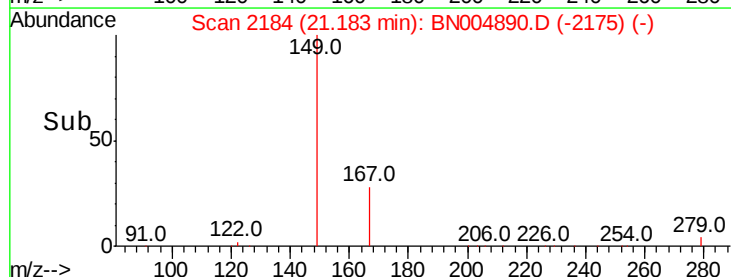
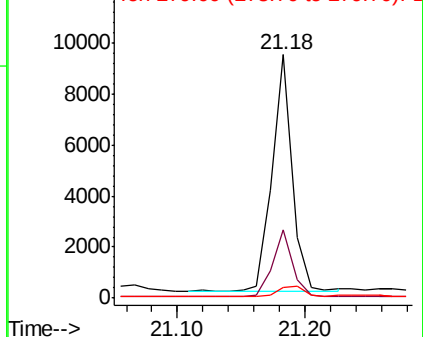
279 5.4 4.6 6.8



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: 0.355 ng

RT: 25.81 min Scan# 3293

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

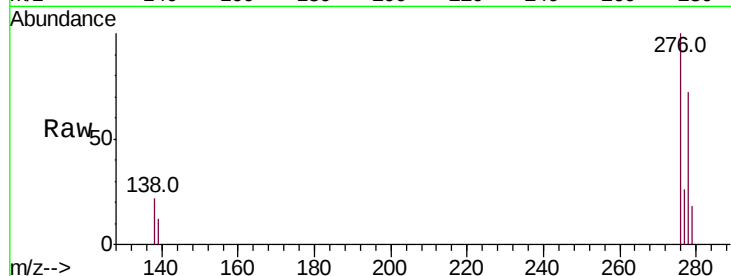
Tot Ion:276 Resp: 35332

Ion Ratio Lower Upper

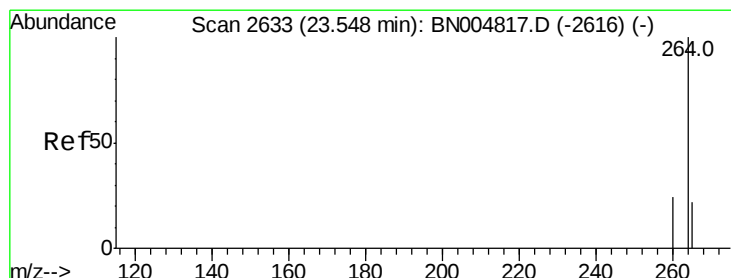
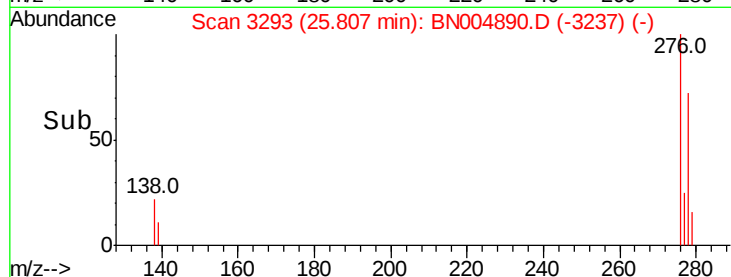
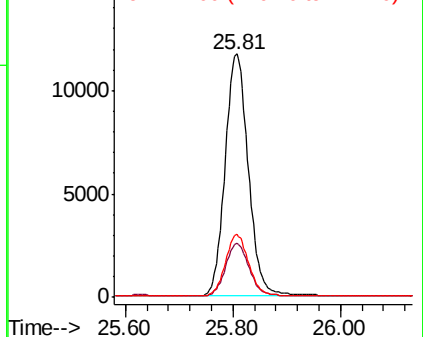
276 100

138 21.8 16.6 24.8

277 25.3 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# 2631

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

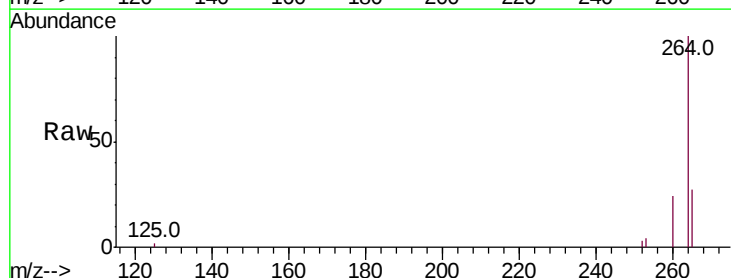
Tgt Ion:264 Resp: 21291

Ion Ratio Lower Upper

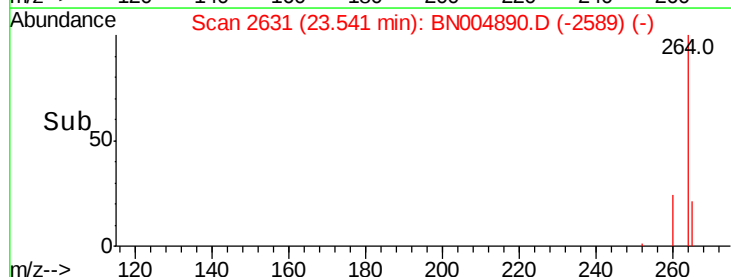
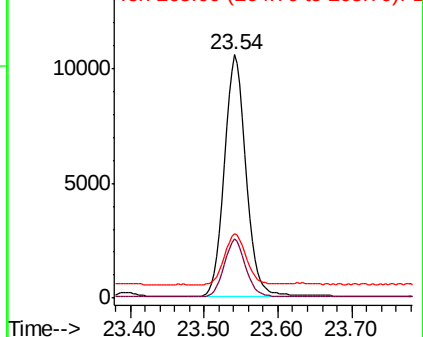
264 100

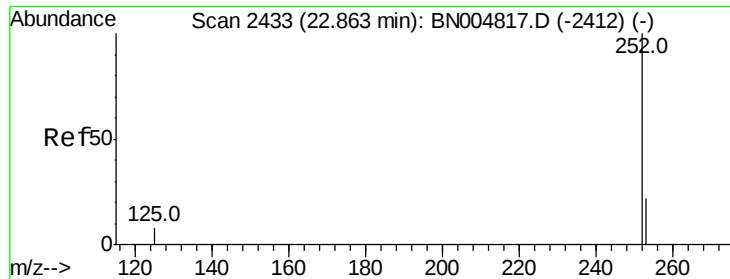
260 24.2 19.5 29.3

265 26.7 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: 0.389 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

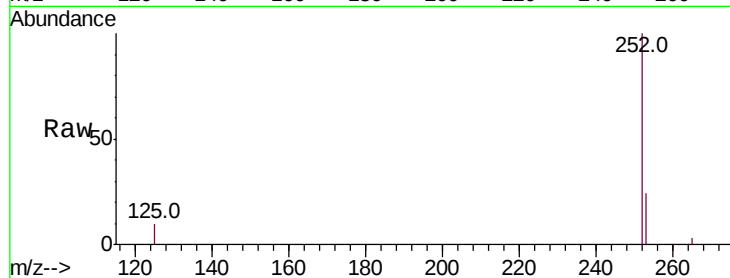
Tot Ion:252 Resp: 29943

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.4

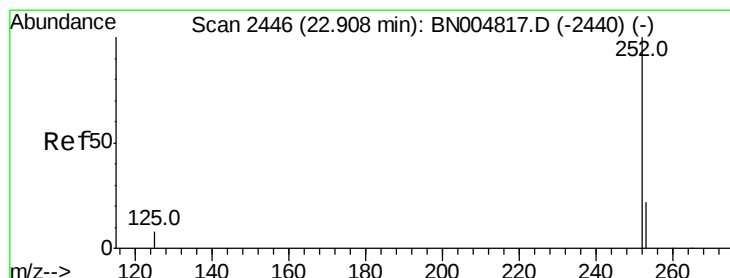
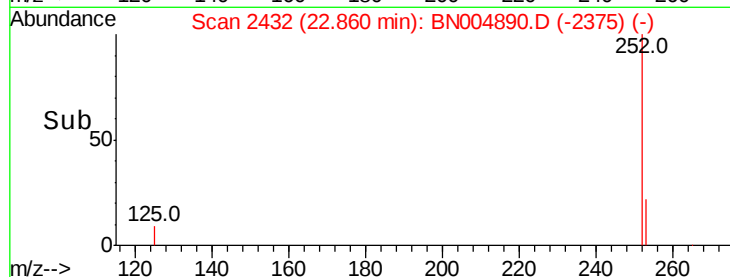
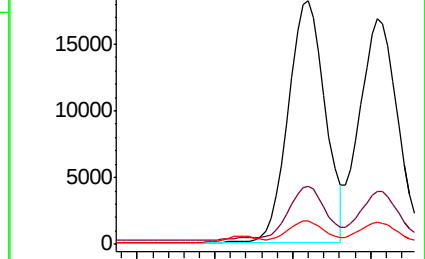
125 9.6 7.4 11.2



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: 0.372 ng

RT: 22.90 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

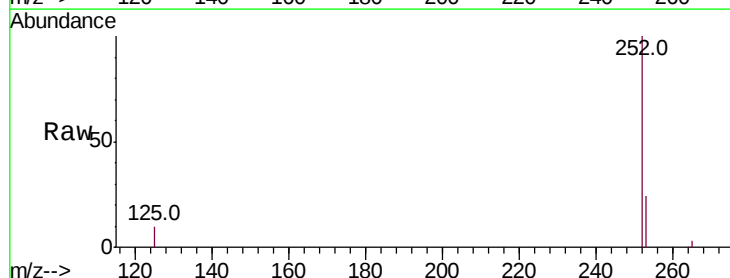
Tgt Ion:252 Resp: 28196

Ion Ratio Lower Upper

252 100

253 23.6 19.3 28.9

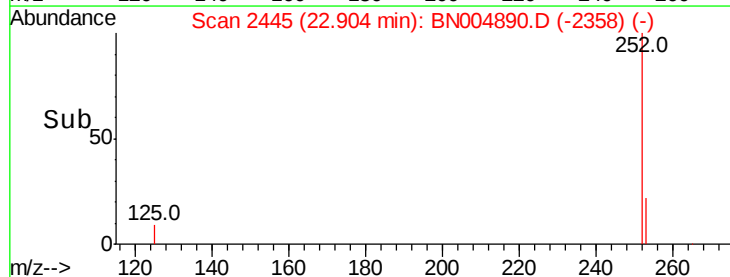
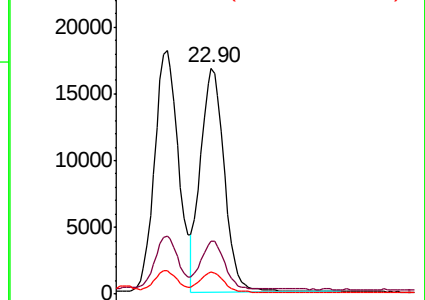
125 9.7 7.4 11.0

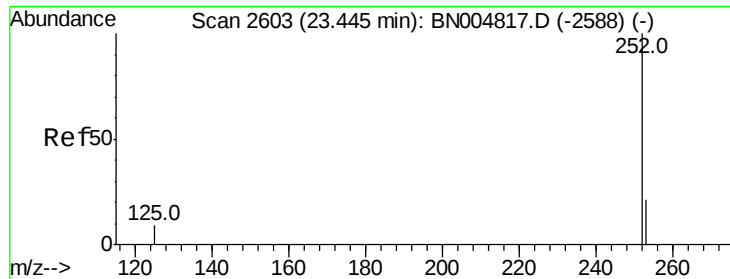


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

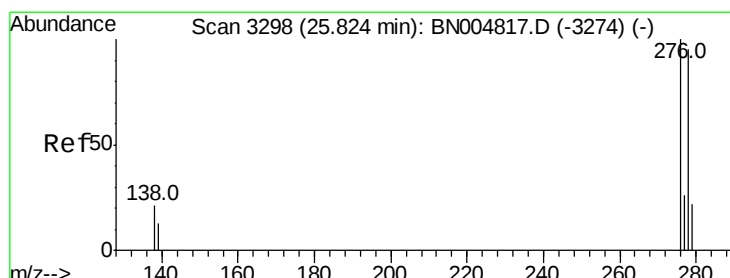
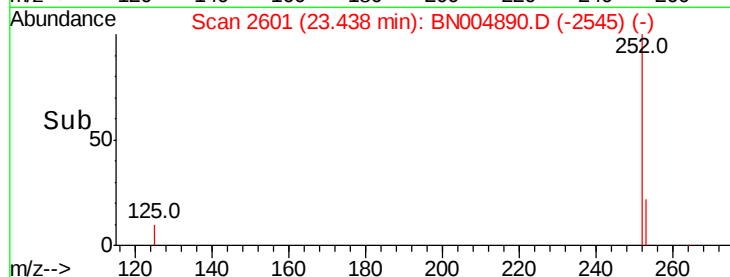
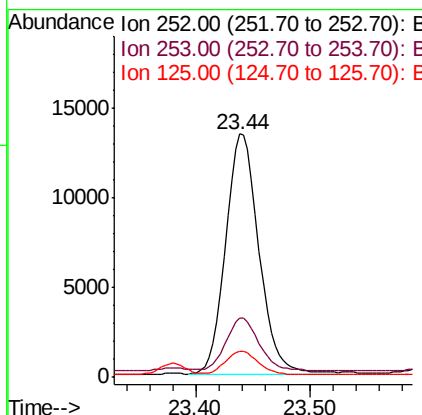
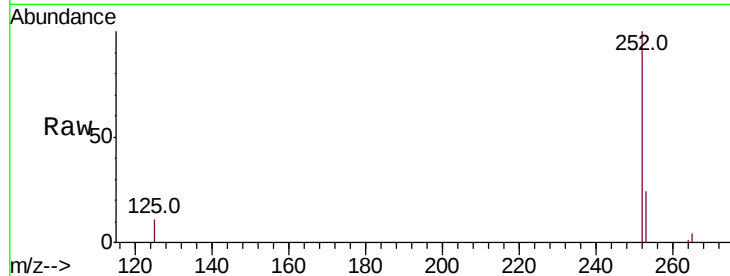




#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.44 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BN004890.D
Acq: 22 Mar 2019 19:01

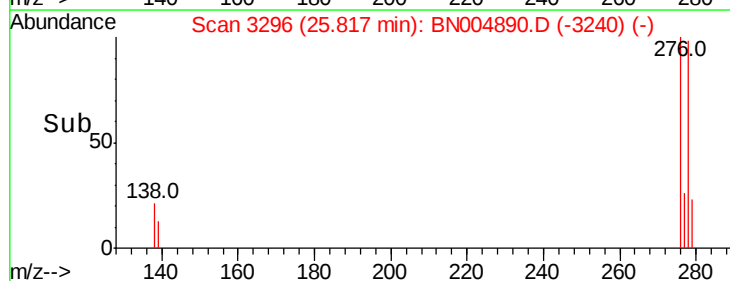
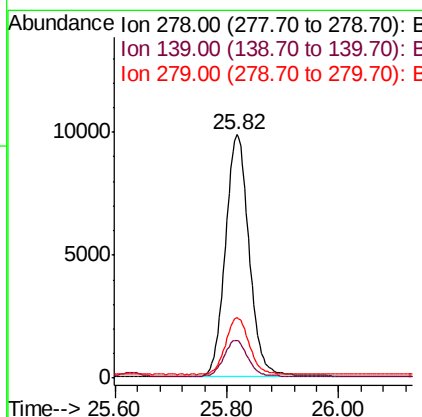
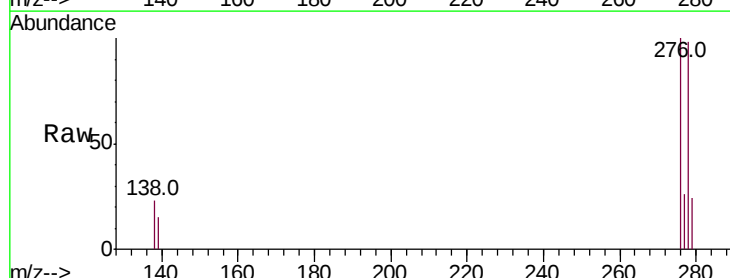
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

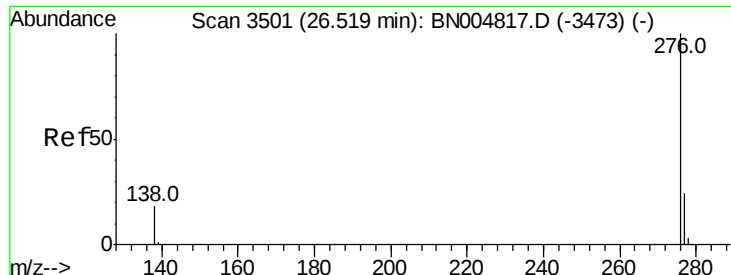
Tot Ion:252 Resp: 27015
Ion Ratio Lower Upper
252 100
253 24.1 19.7 29.5
125 10.9 8.3 12.5



#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 25.82 min Scan# 3296
Delta R.T. -0.01 min
Lab File: BN004890.D
Acq: 22 Mar 2019 19:01

Tgt Ion:278 Resp: 29072
Ion Ratio Lower Upper
278 100
139 15.5 11.7 17.5
279 24.8 19.9 29.9





#39

Benzo(a,h,i)perylene

Concen: 0.349 ng

RT: 26.51 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BN004890.D

Acq: 22 Mar 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

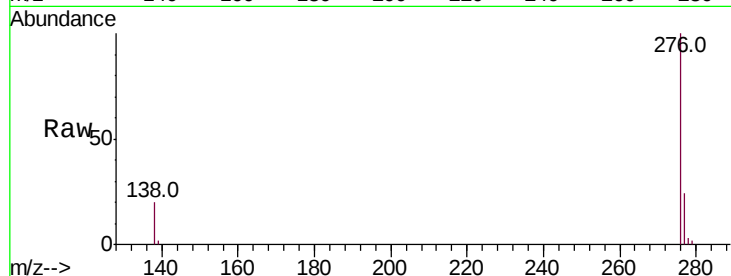
Tot Ion:276 Resp: 29111

Ion Ratio Lower Upper

276 100

277 24.3 19.7 29.5

138 19.7 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

