

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102918\
 Data File : BN003354.D
 Acq On : 30 Oct 2018 04:19
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 30 06:47:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	13945	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	59947	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	36443	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	87250	0.40	ng	0.00
27) Chrysene-d12	21.41	240	94332	0.40	ng	-0.01
34) Perylene-d12	23.73	264	80774	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	12654	0.37	ng	0.00
5) Phenol-d6	7.01	99	15909	0.36	ng	0.00
8) Nitrobenzene-d5	9.02	82	12425	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	36213	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	5456	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	55393	0.35	ng	-0.01
25) Fluoranthene-d10	19.26	212	85878	0.34	ng	0.00
29) Terphenyl-d14	19.86	244	78179	0.36	ng	0.00

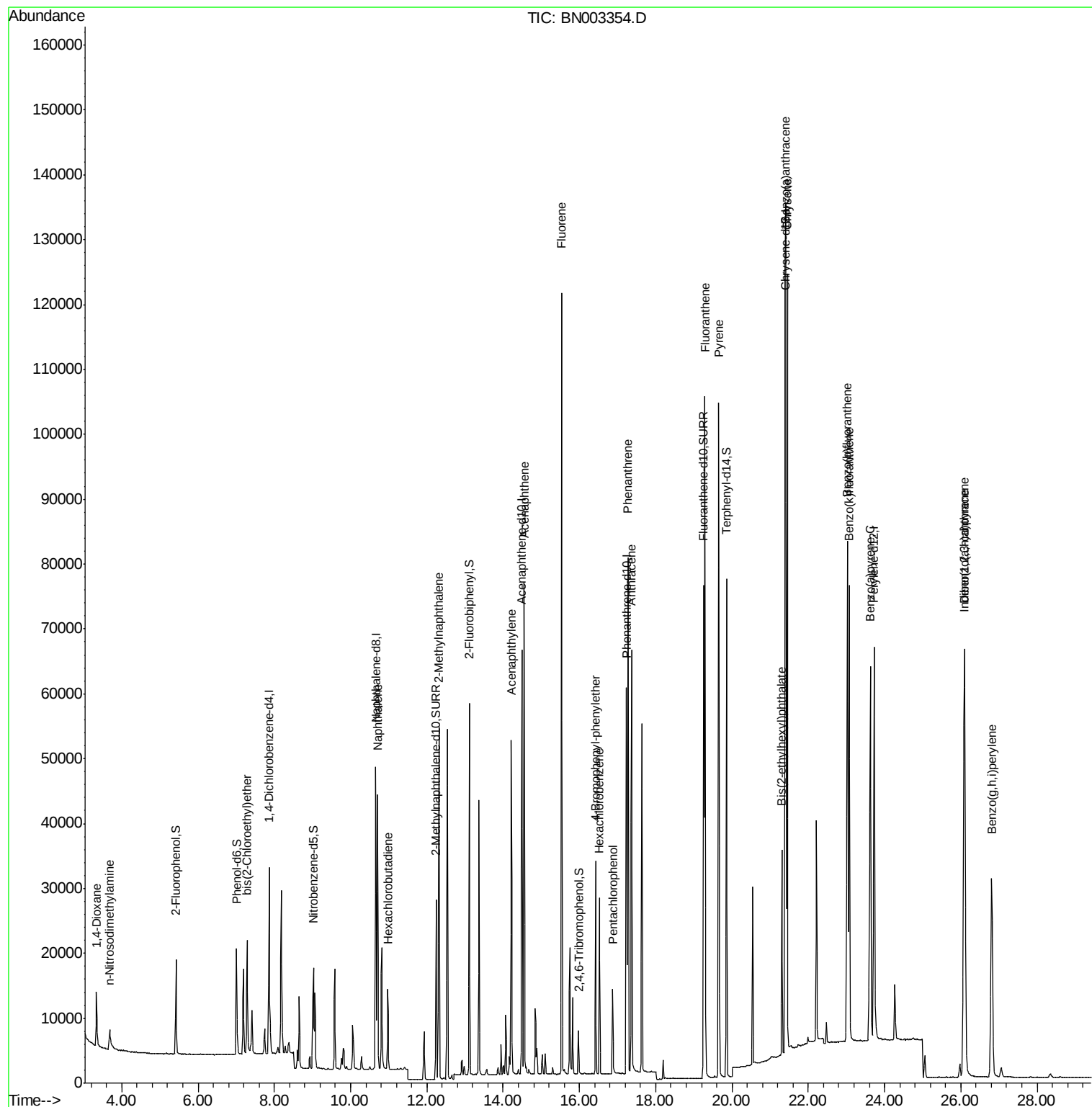
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	6398	0.354	ng	98
3) n-Nitrosodimethylamine	3.67	42	3300	0.397	ng	# 95
6) bis(2-Chloroethyl)ether	7.29	93	15142	0.389	ng	98
9) Naphthalene	10.71	128	54358	0.371	ng	99
10) Hexachlorobutadiene	10.97	225	10008	0.374	ng	# 100
12) 2-Methylnaphthalene	12.31	142	38019	0.371	ng	98
16) Acenaphthylene	14.21	152	55268	0.340	ng	100
17) Acenaphthene	14.56	154	40246	0.357	ng	99
18) Fluorene	15.54	166	48771	0.346	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	18165	0.359	ng	99
21) Hexachlorobenzene	16.53	284	19818	0.372	ng	98
22) Pentachlorophenol	16.88	266	6557	0.454	ng	97
23) Phenanthrene	17.27	178	85473	0.357	ng	100
24) Anthracene	17.37	178	69099	0.337	ng	100
26) Fluoranthene	19.29	202	94089	0.342	ng	100
28) Pyrene	19.66	202	95252	0.365	ng	100
30) Benzo(a)anthracene	21.40	228	82694	0.335	ng	99
31) Chrysene	21.45	228	96427	0.362	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	26307	0.360	ng	99
33) Indeno(1,2,3-cd)pyrene	26.08	276	85428	0.309	ng	98
35) Benzo(b)fluoranthene	23.02	252	96595	0.383	ng	# 95
36) Benzo(k)fluoranthene	23.07	252	91696	0.367	ng	100
37) Benzo(a)pyrene	23.63	252	85301	0.372	ng	# 91
38) Dibenzo(a,h)anthracene	26.10	278	71331	0.334	ng	100
39) Benzo(g,h,i)perylene	26.81	276	68866	0.322	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 600

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

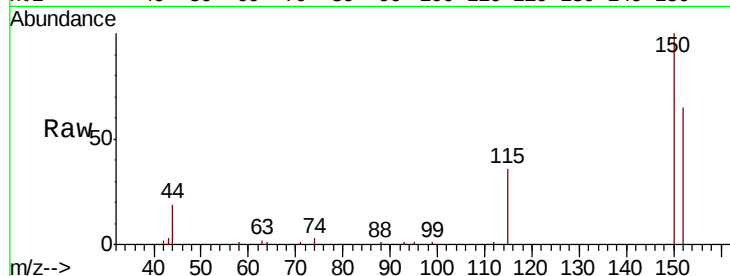
Tgt Ion:152 Resp: 13945

Ion Ratio Lower Upper

152 100

150 153.3 124.6 187.0

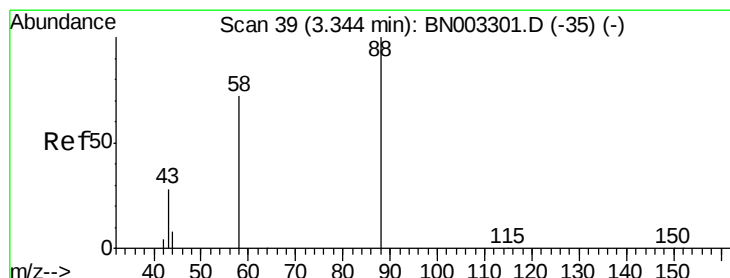
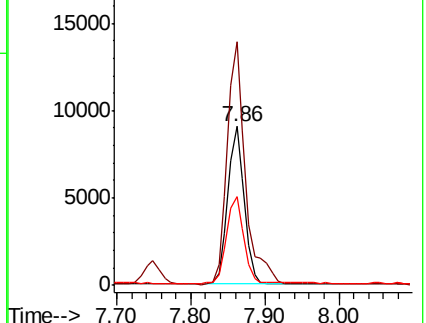
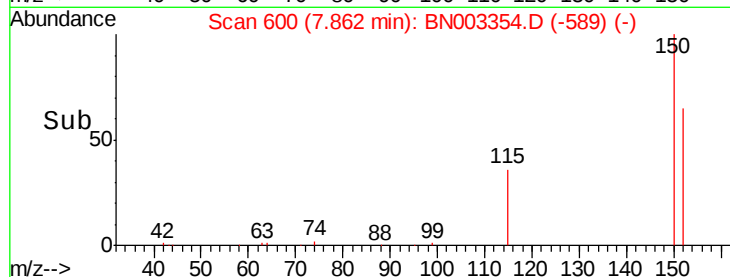
115 55.9 46.4 69.6



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: 0.354 ng

RT: 3.34 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

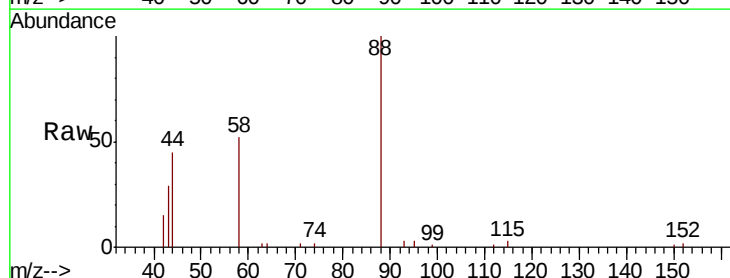
Tgt Ion: 88 Resp: 6398

Ion Ratio Lower Upper

88 100

58 74.1 60.9 91.3

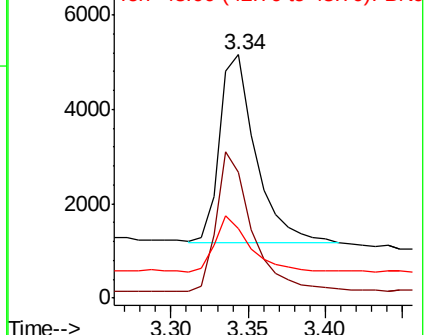
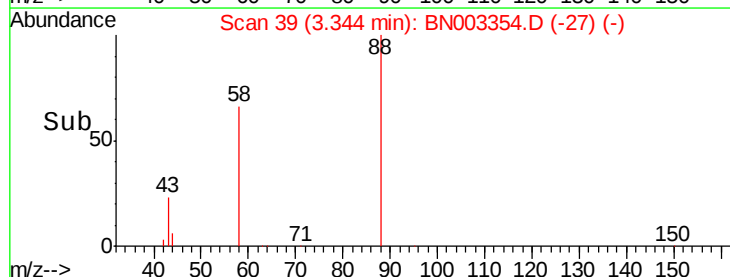
43 28.9 23.9 35.9

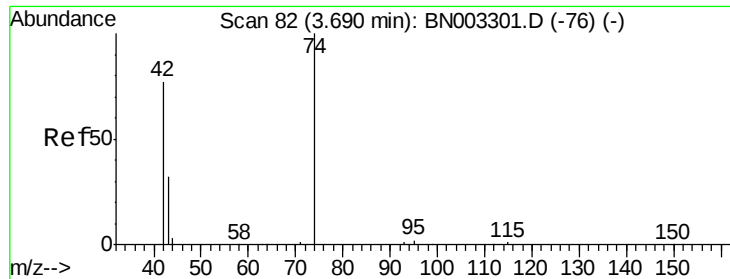


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.397 ng

RT: 3.67 min Scan# 80

Delta R.T. -0.02 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

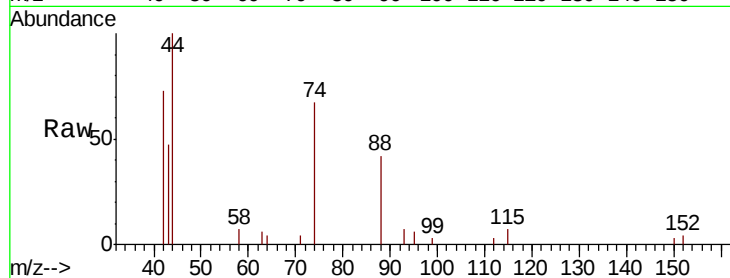
Tgt Ion: 42 Resp: 3300

Ion Ratio Lower Upper

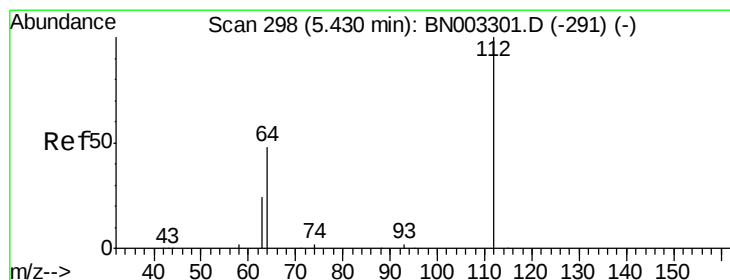
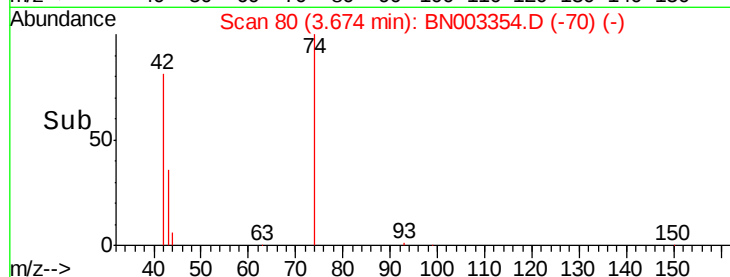
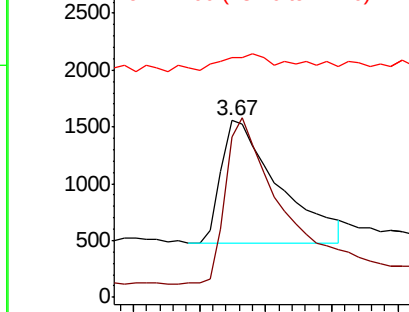
42 100

74 129.6 99.1 148.7

44 9.1 4.2 6.4#



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: 0.366 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

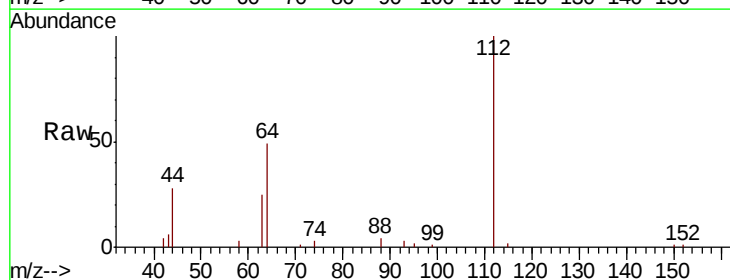
Tgt Ion: 112 Resp: 12654

Ion Ratio Lower Upper

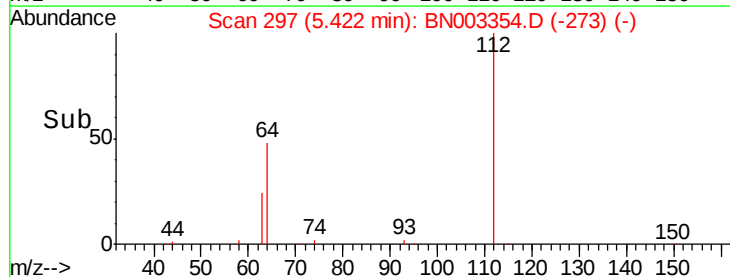
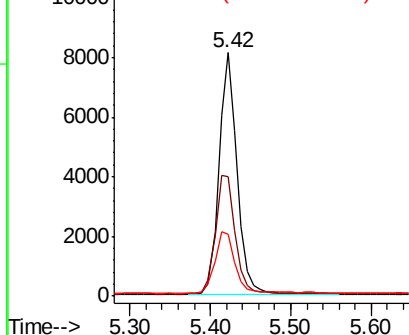
112 100

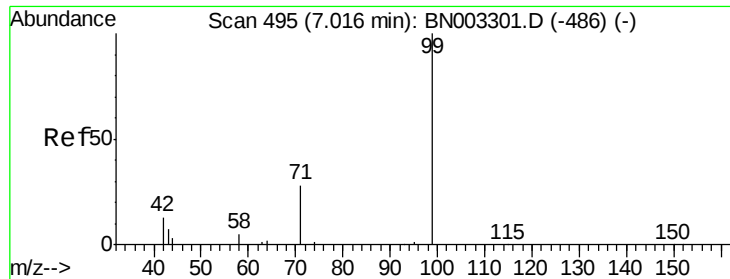
64 53.4 44.3 66.5

63 27.5 22.4 33.6



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: 0.365 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

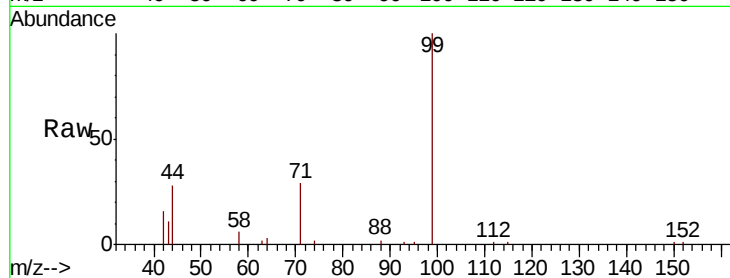
Tgt Ion: 99 Resp: 15909

Ion Ratio Lower Upper

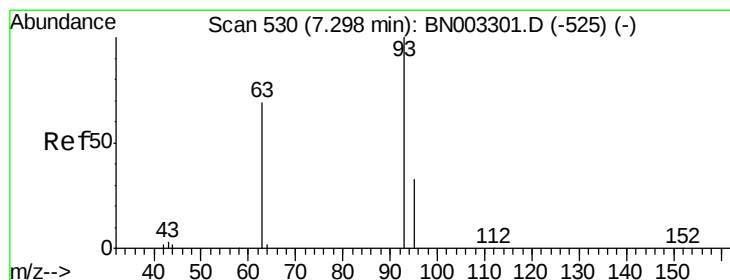
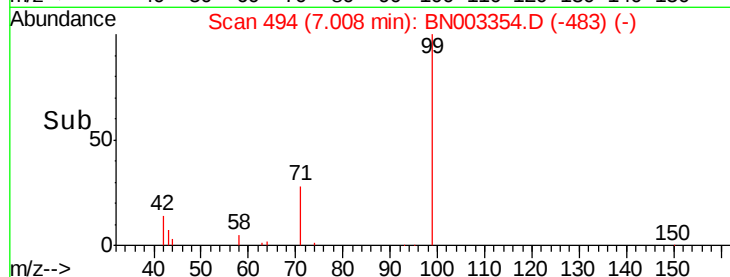
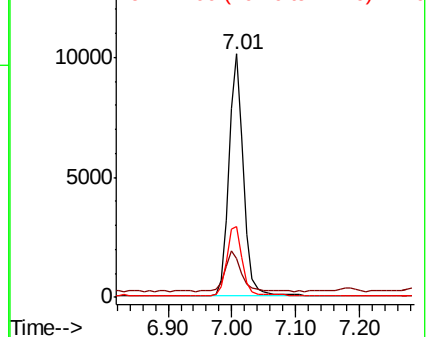
99 100

42 18.4 14.8 22.2

71 30.4 24.8 37.2



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: 0.389 ng

RT: 7.29 min Scan# 529

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

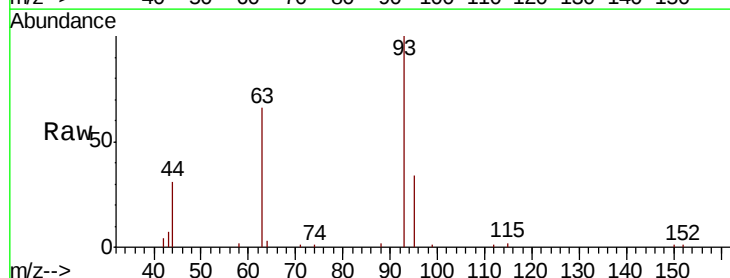
Tgt Ion: 93 Resp: 15142

Ion Ratio Lower Upper

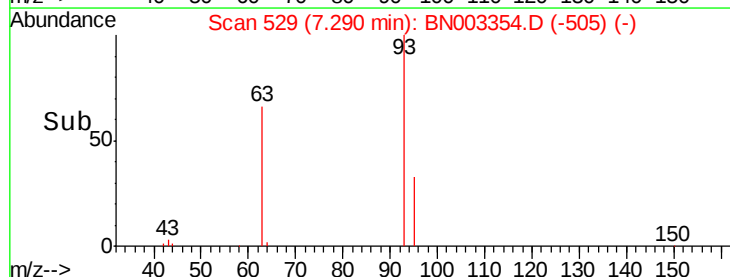
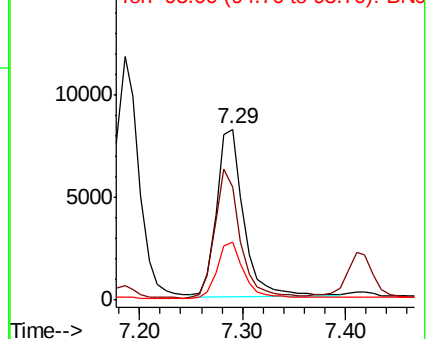
93 100

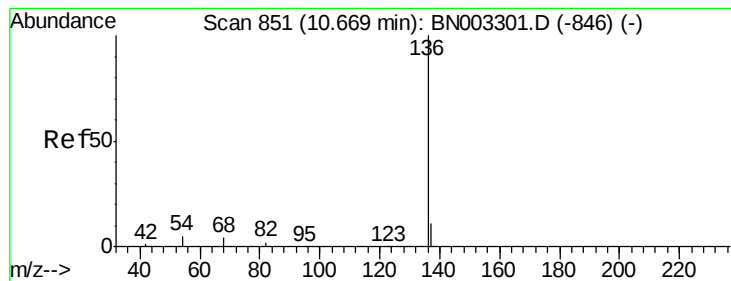
63 71.3 55.8 83.6

95 32.4 25.4 38.2



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: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 59947

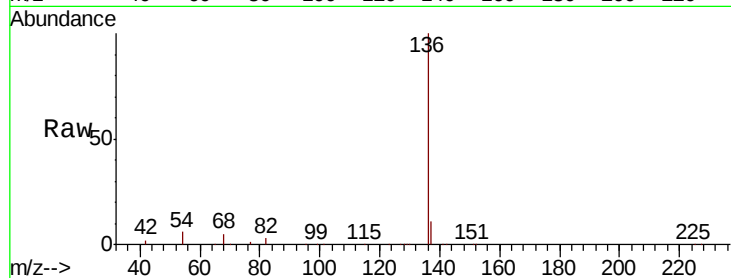
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.0 4.1 6.1

68 5.1 3.5 5.3

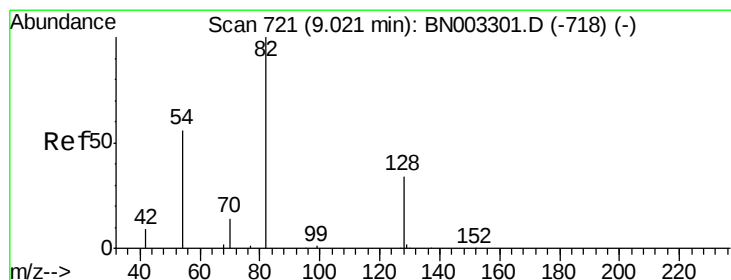
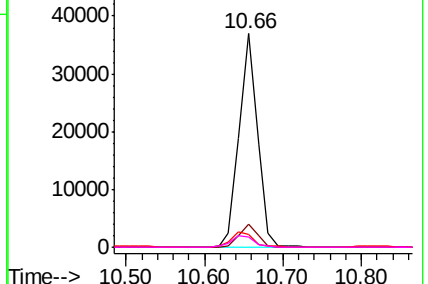
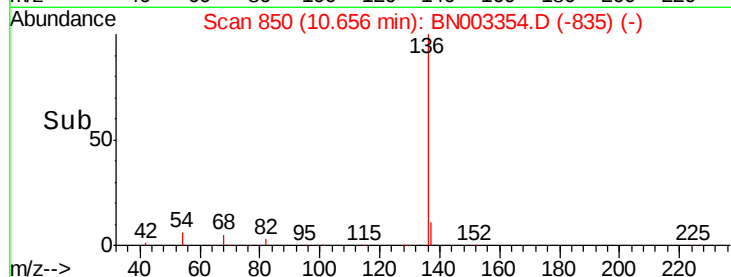


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.473 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

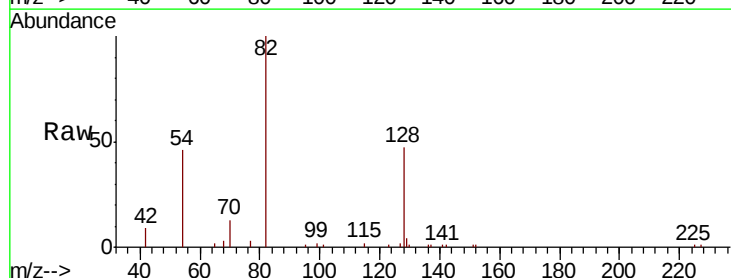
Tgt Ion: 82 Resp: 12425

Ion Ratio Lower Upper

82 100

128 46.6 28.9 43.3#

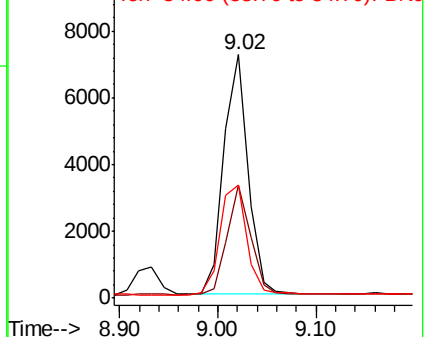
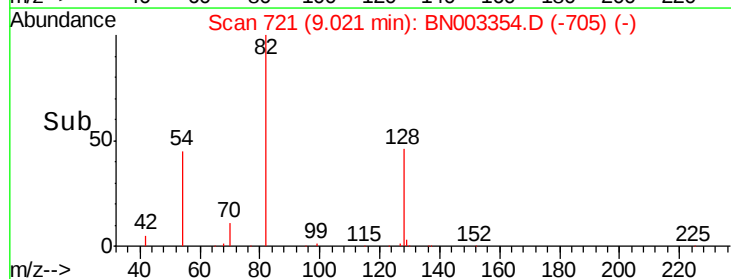
54 46.3 46.1 69.1

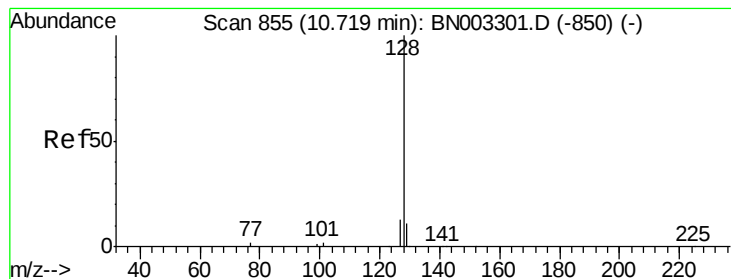


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.371 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

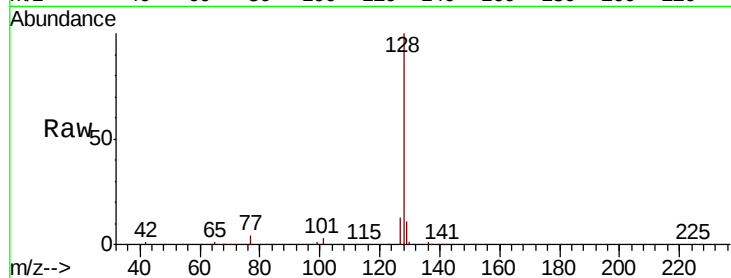
Tgt Ion:128 Resp: 54358

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

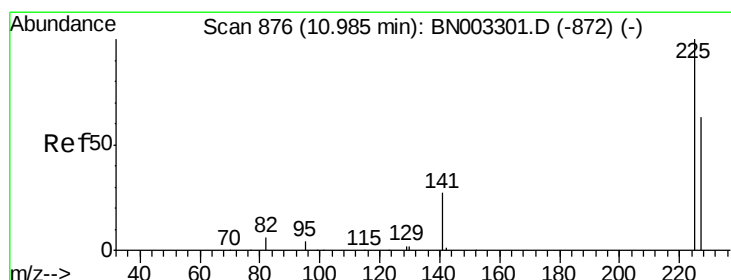
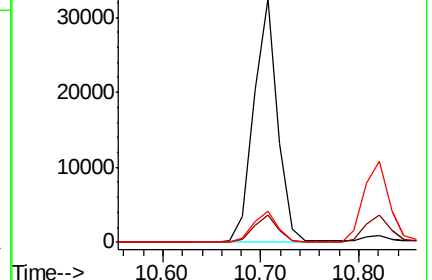
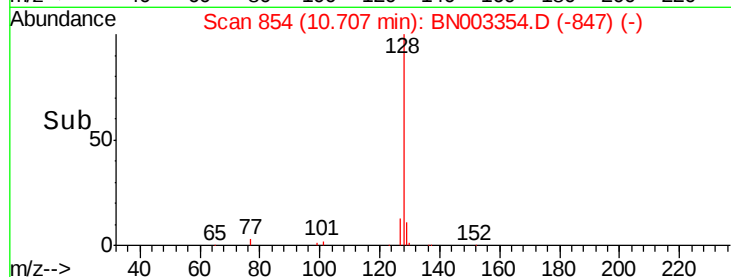
127 12.9 10.2 15.4



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: 0.374 ng

RT: 10.97 min Scan# 875

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

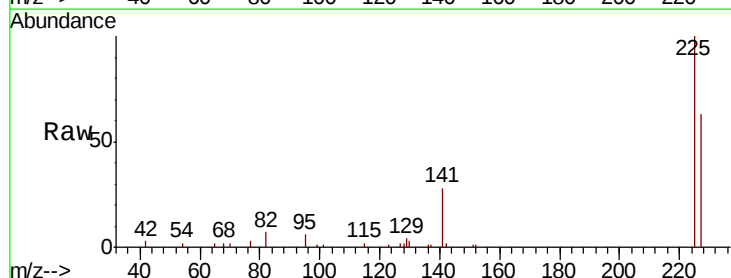
Tgt Ion:225 Resp: 10008

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

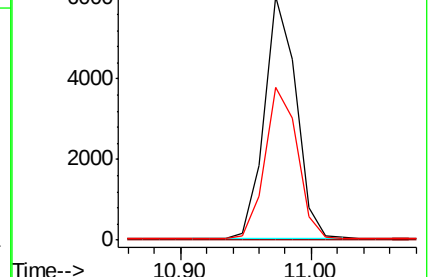
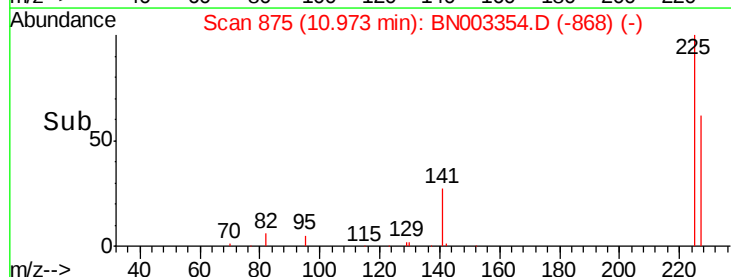
227 63.8 51.3 76.9

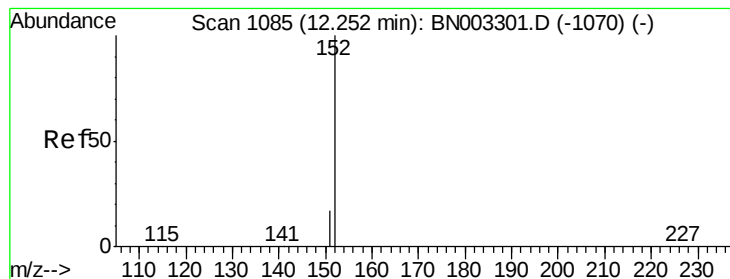


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

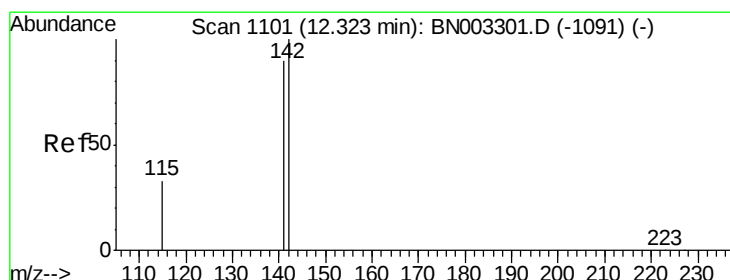
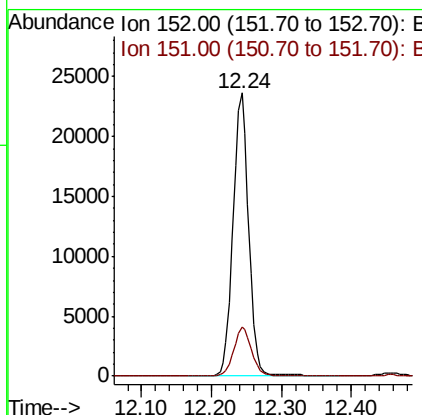
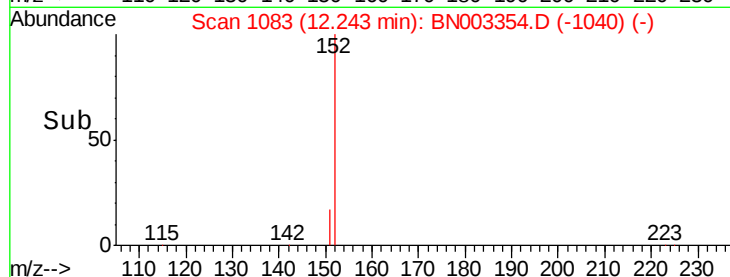
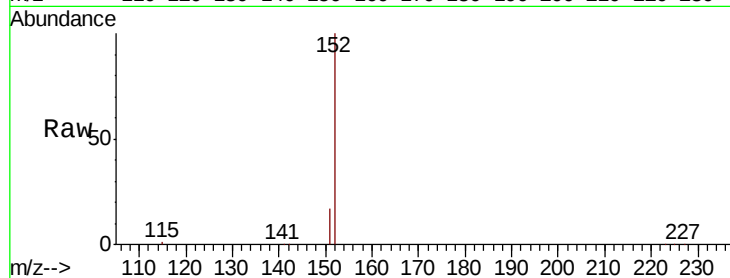




#11
 2-Methylnaphthalene-d10
 Concen: 0.371 ng
 RT: 12.24 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BN003354.D
 Acq: 30 Oct 2018 04:19

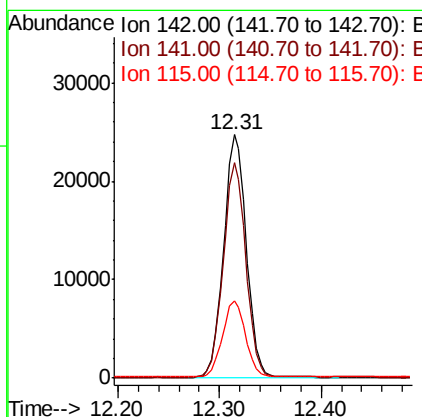
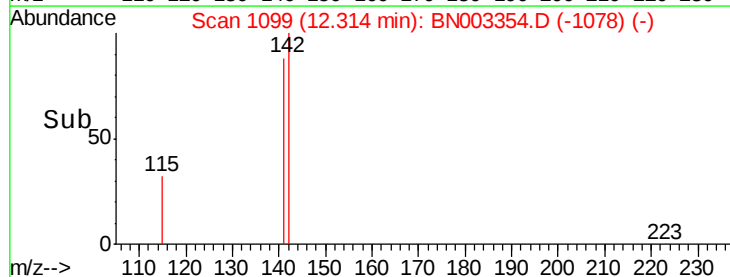
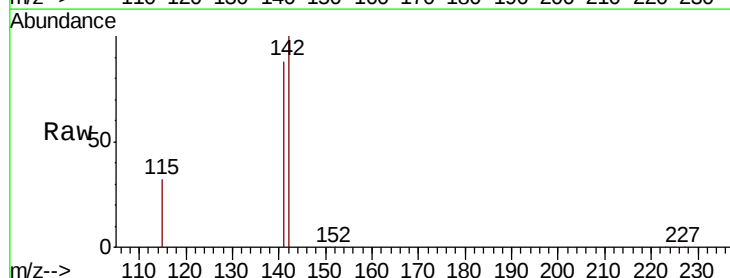
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

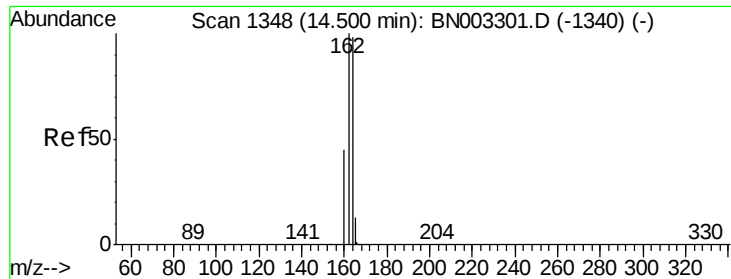
Tgt Ion:152 Resp: 36213
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.371 ng
 RT: 12.31 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BN003354.D
 Acq: 30 Oct 2018 04:19

Tgt Ion:142 Resp: 38019
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.9 107.9
 115 32.0 27.0 40.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

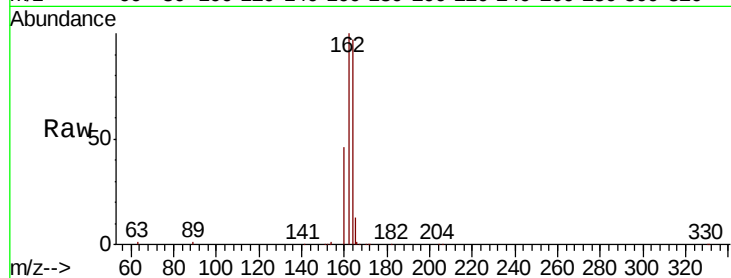
Tgt Ion:164 Resp: 36443

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

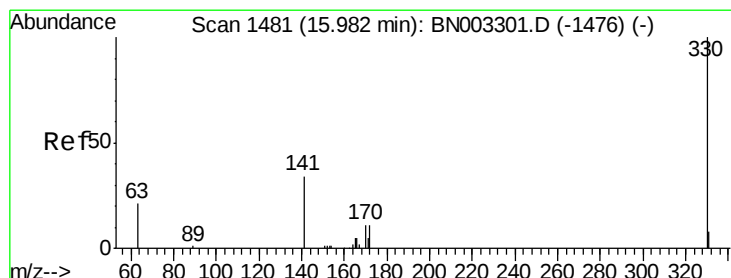
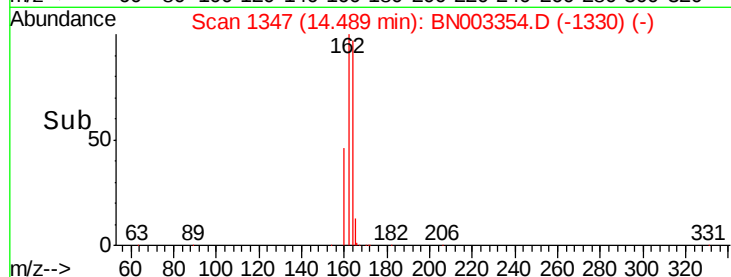
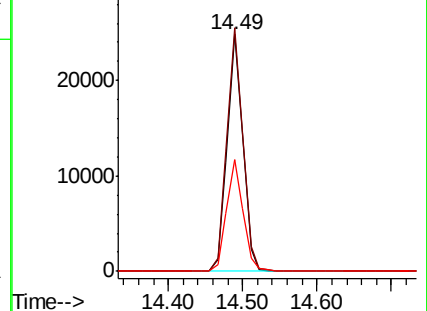
160 47.1 37.2 55.8



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: 0.376 ng

RT: 15.98 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

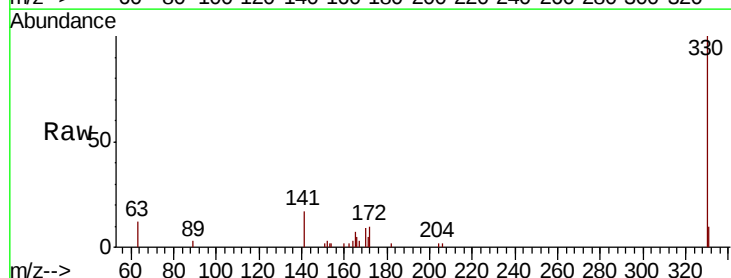
Tgt Ion:330 Resp: 5456

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

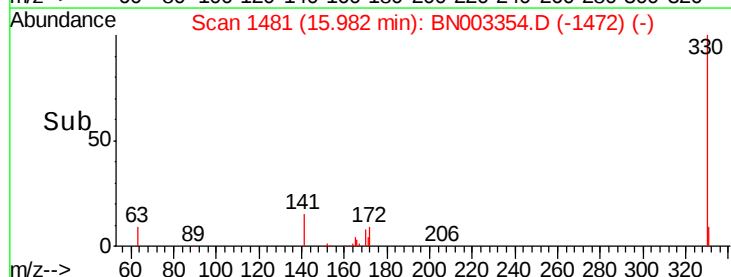
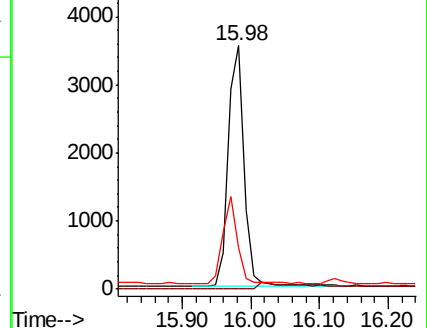
141 33.7 28.3 42.5

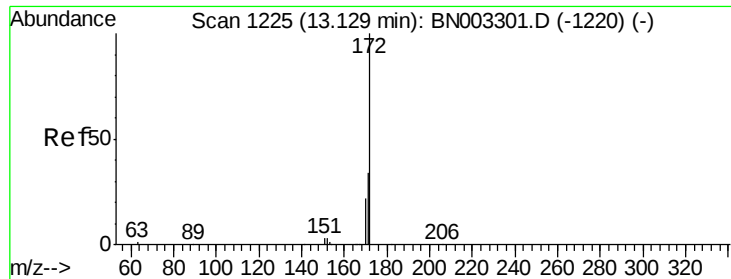


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

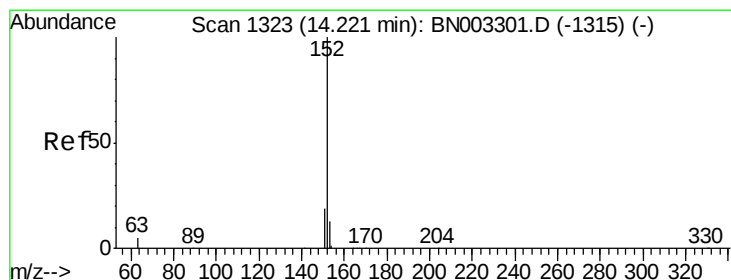
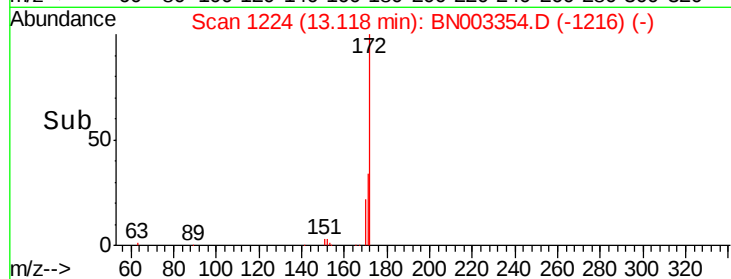
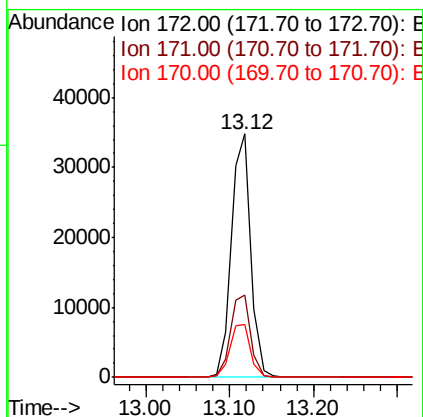
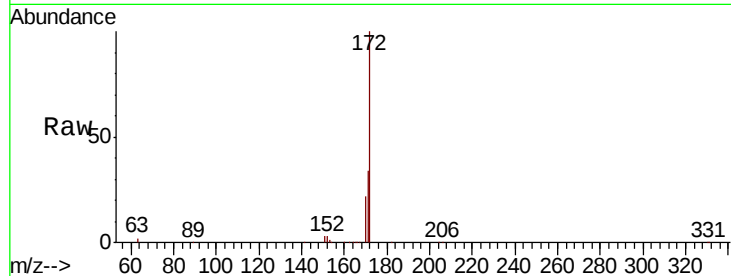




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003354.D
Acq: 30 Oct 2018 04:19

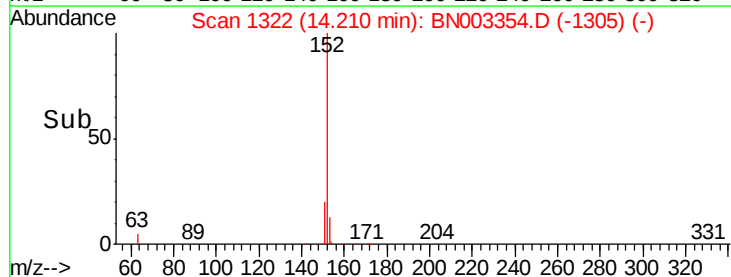
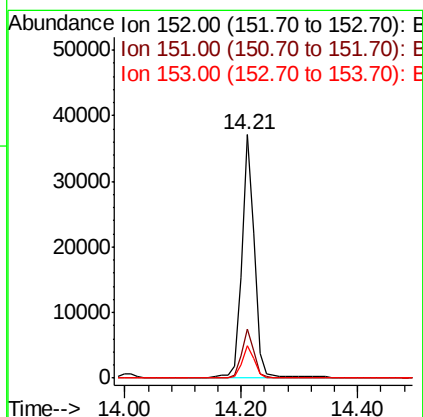
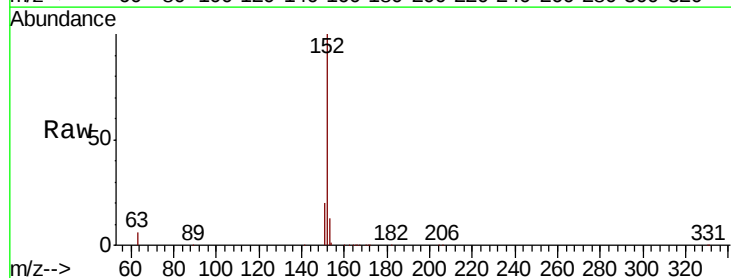
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

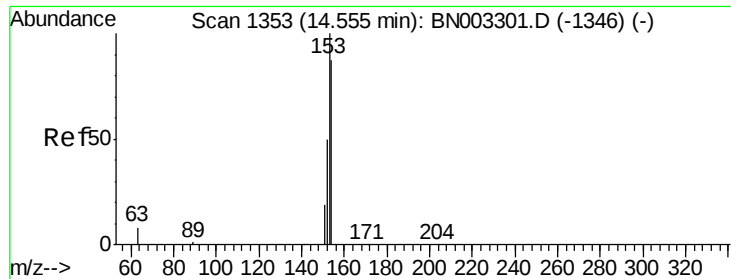
Tgt Ion:172 Resp: 55393
Ion Ratio Lower Upper
172 100
171 34.1 27.1 40.7
170 21.8 17.4 26.0



#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003354.D
Acq: 30 Oct 2018 04:19

Tgt Ion:152 Resp: 55268
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.357 ng

RT: 14.56 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

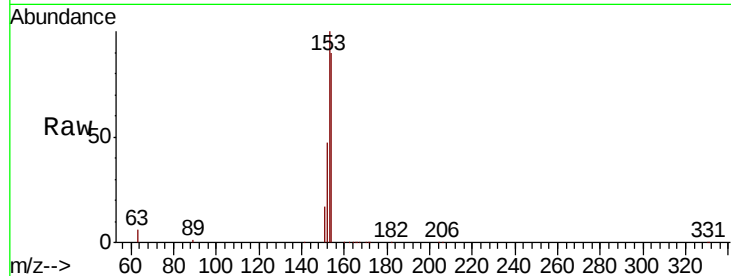
Tgt Ion:154 Resp: 40246

Ion Ratio Lower Upper

154 100

153 111.7 88.9 133.3

152 54.7 43.5 65.3

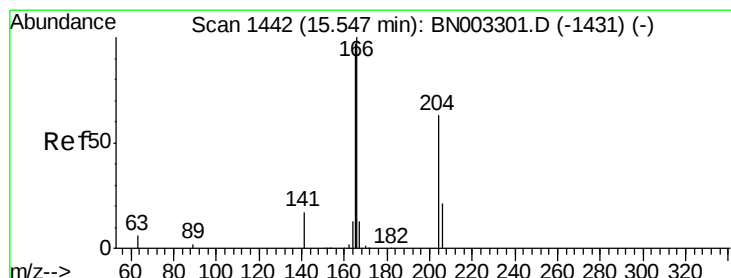
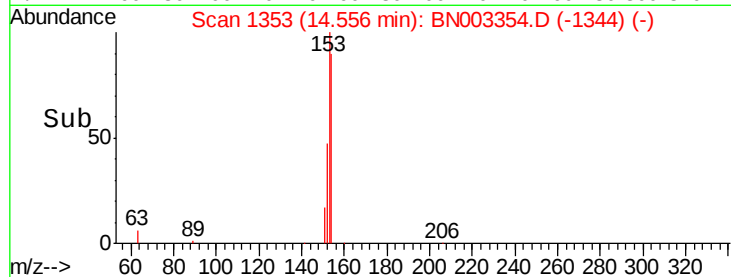
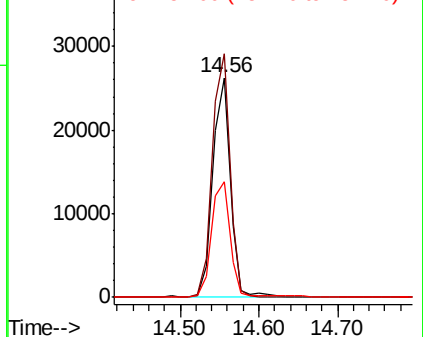


Abundance

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: 0.346 ng

RT: 15.54 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

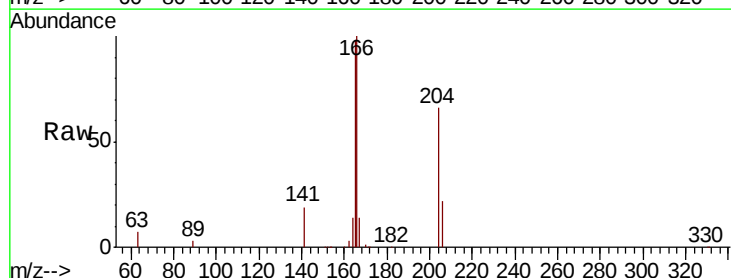
Tgt Ion:166 Resp: 48771

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

167 13.6 10.9 16.3

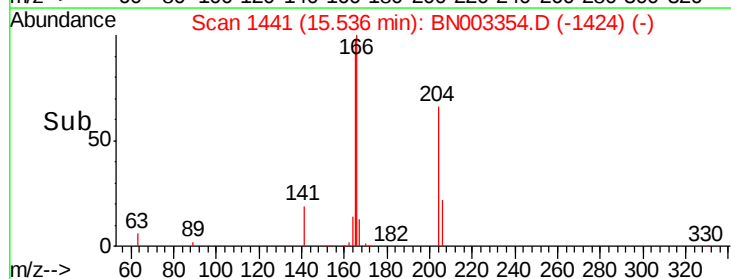
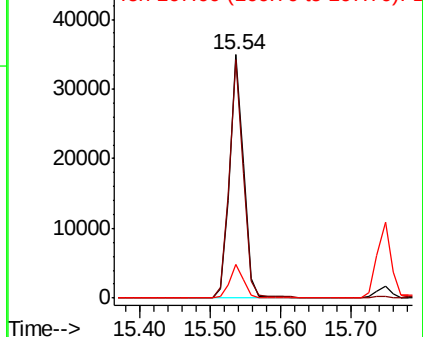


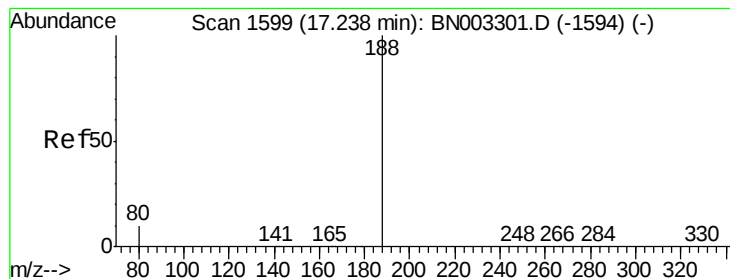
Abundance

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: 17.24 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

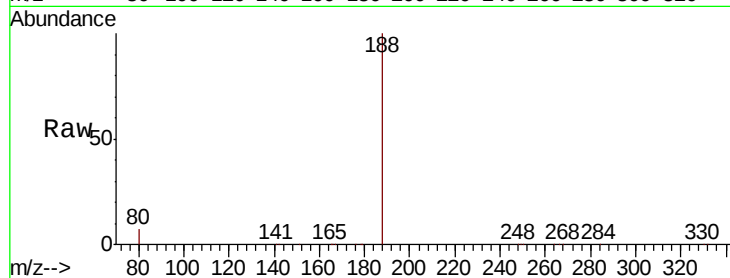
Tgt Ion:188 Resp: 87250

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

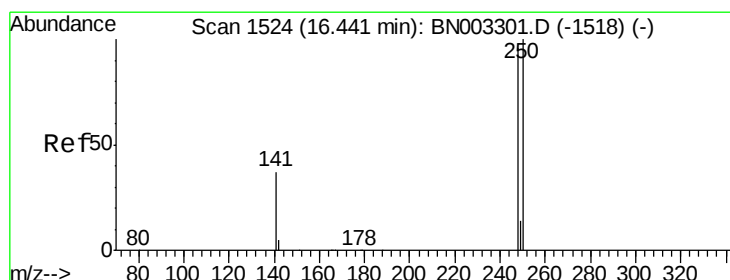
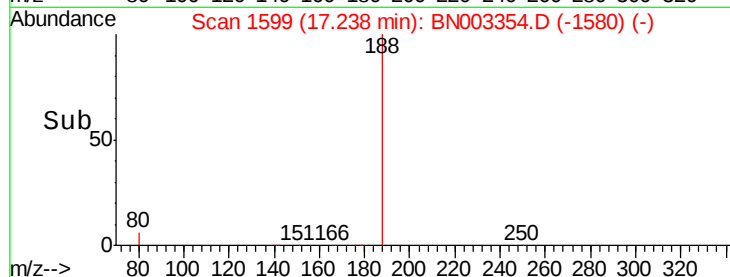
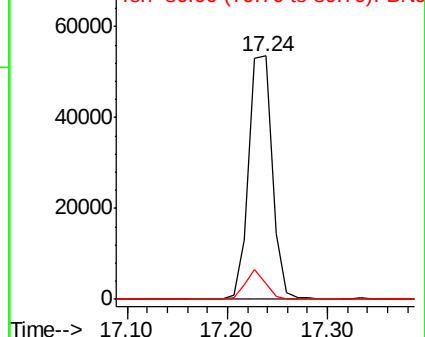
80 6.6 8.6 12.8#



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: 0.359 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

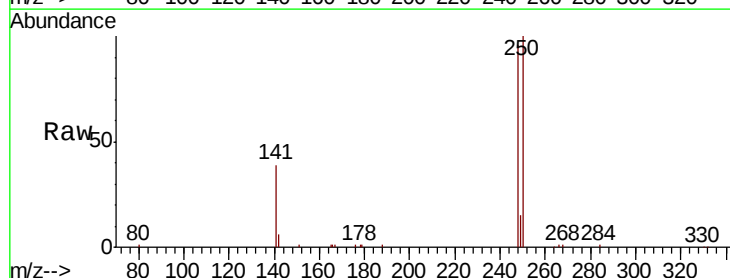
Tgt Ion:248 Resp: 18165

Ion Ratio Lower Upper

248 100

250 104.4 83.7 125.5

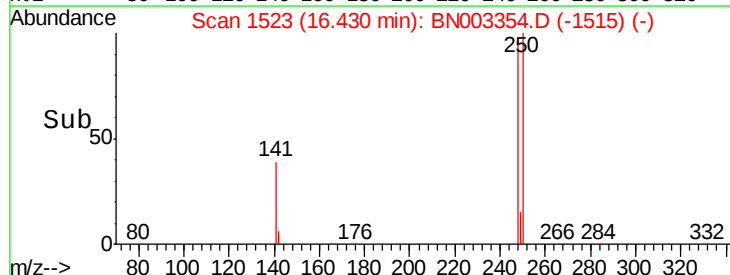
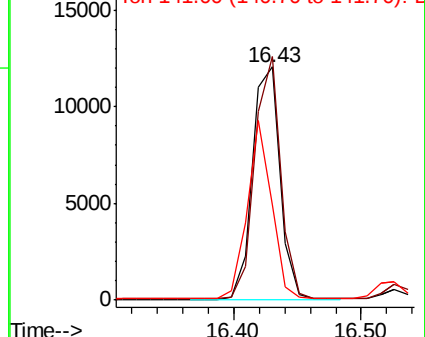
141 41.1 31.4 47.0

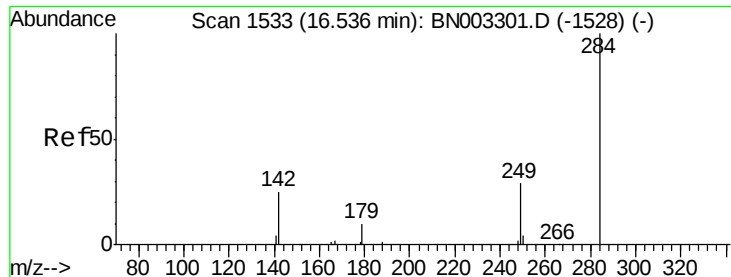


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

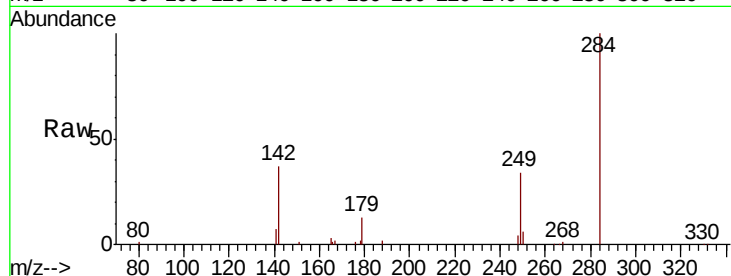




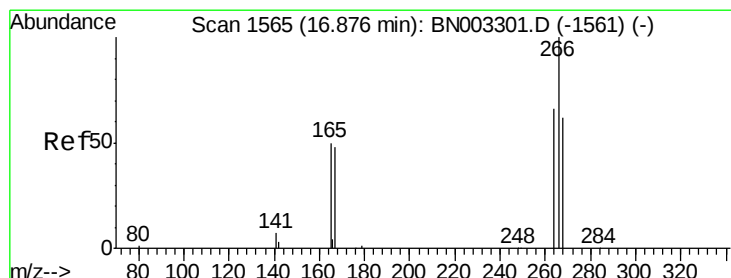
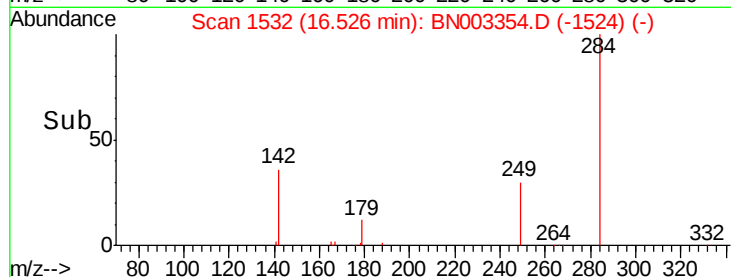
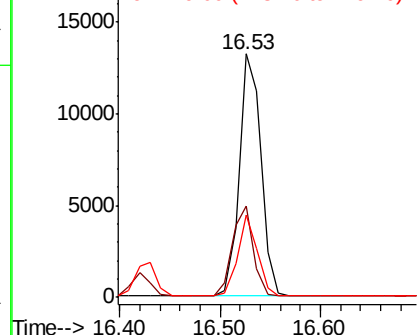
#21
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.53 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN003354.D
Acq: 30 Oct 2018 04:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 19818
Ion Ratio Lower Upper
284 100
142 35.8 29.7 44.5
249 30.4 24.0 36.0

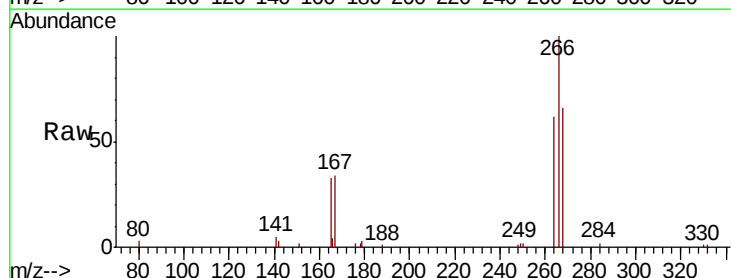


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

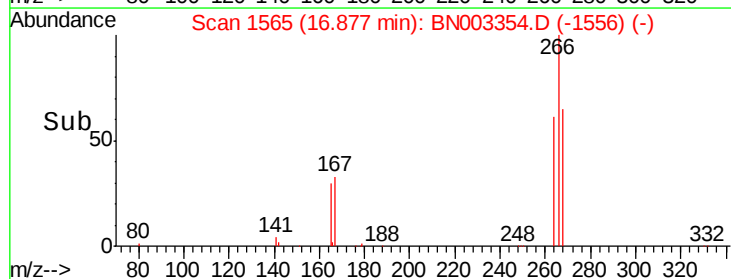
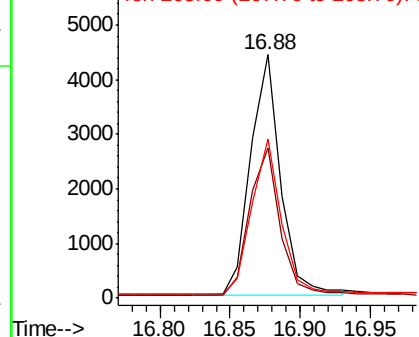


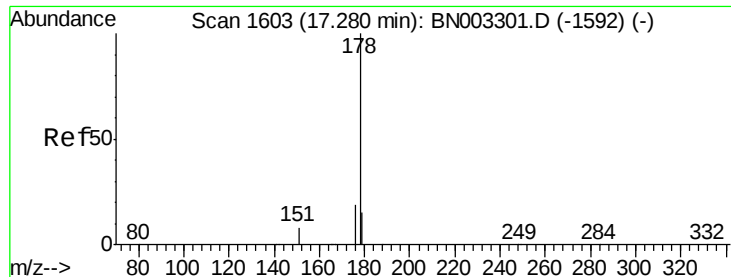
#22
Pentachlorophenol
Concen: 0.454 ng
RT: 16.88 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN003354.D
Acq: 30 Oct 2018 04:19

Tgt Ion:266 Resp: 6557
Ion Ratio Lower Upper
266 100
264 61.6 52.1 78.1
268 65.5 51.8 77.6



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: 0.357 ng

RT: 17.27 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

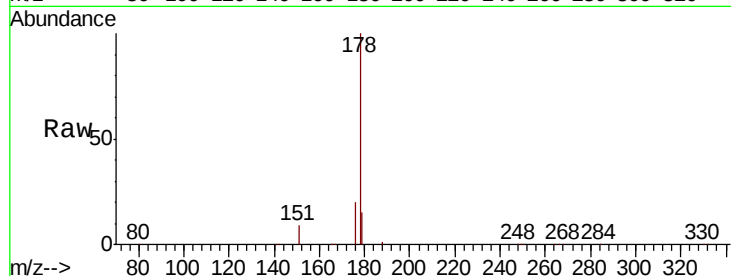
Tgt Ion:178 Resp: 85473

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

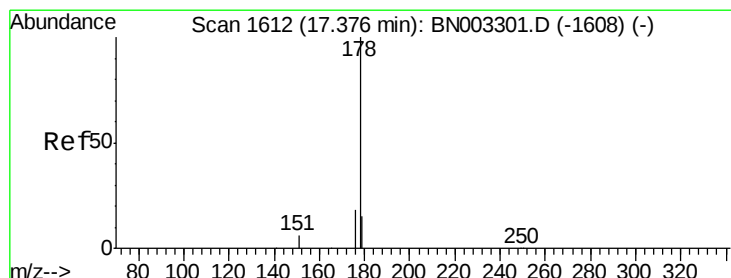
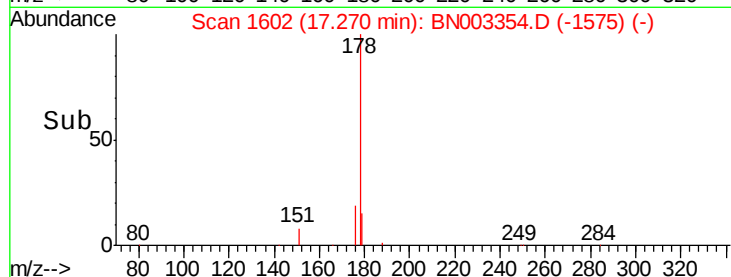
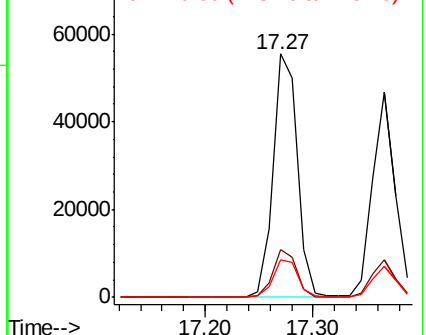
179 15.4 12.4 18.6



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: 0.337 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

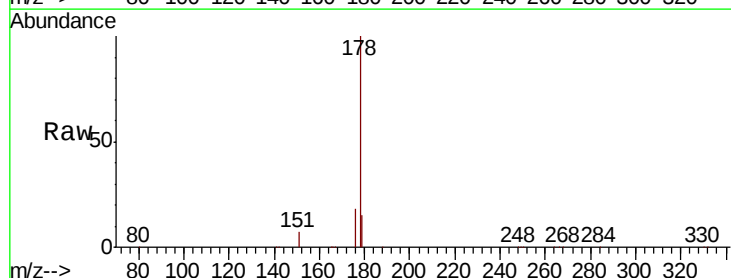
Tgt Ion:178 Resp: 69099

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

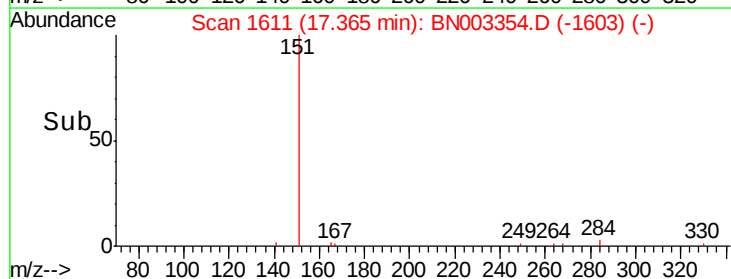
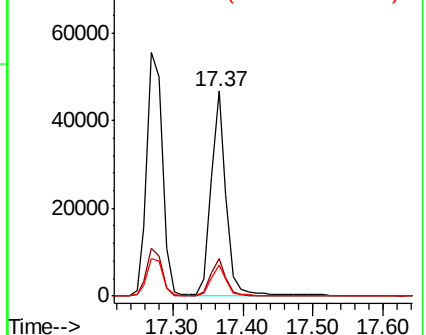
179 15.3 12.2 18.4

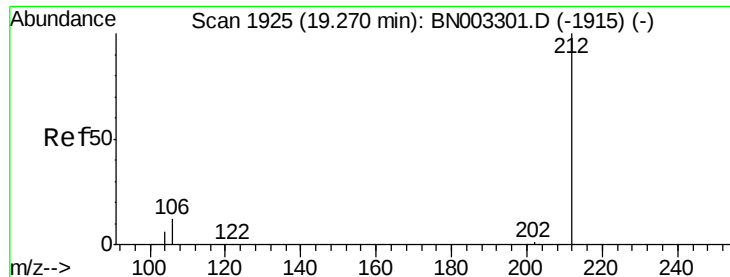


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.338 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

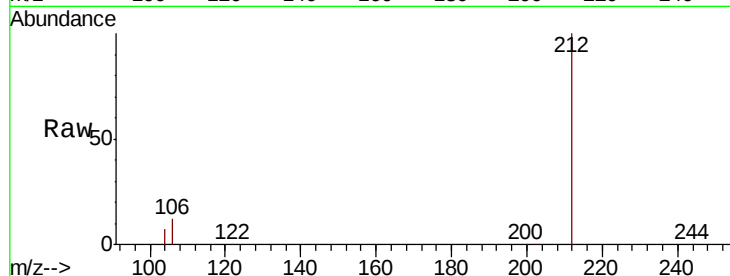
Tgt Ion:212 Resp: 85878

Ion Ratio Lower Upper

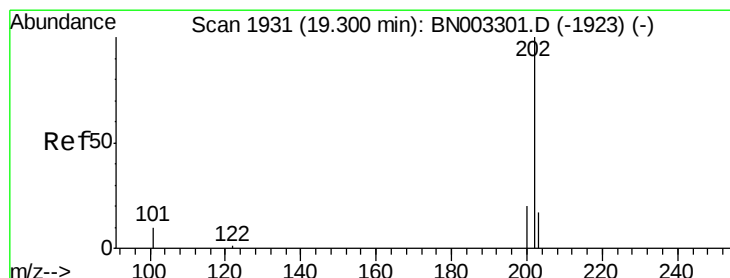
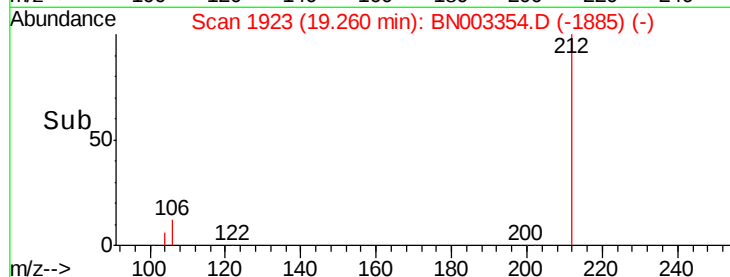
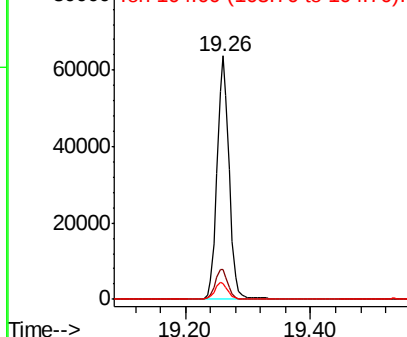
212 100

106 12.8 10.3 15.5

104 7.0 5.6 8.4



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: 0.342 ng

RT: 19.29 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

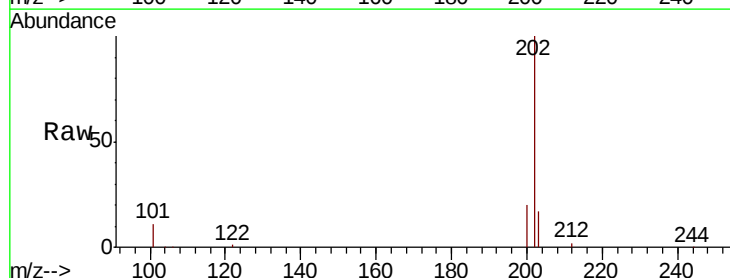
Tgt Ion:202 Resp: 94089

Ion Ratio Lower Upper

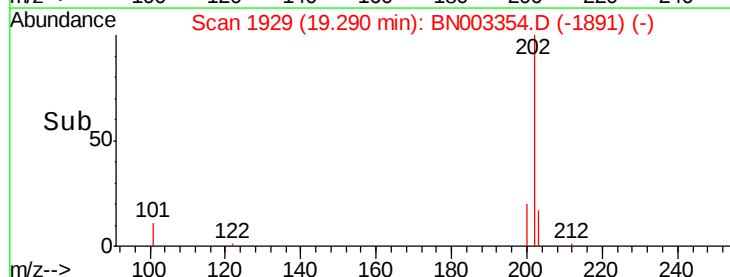
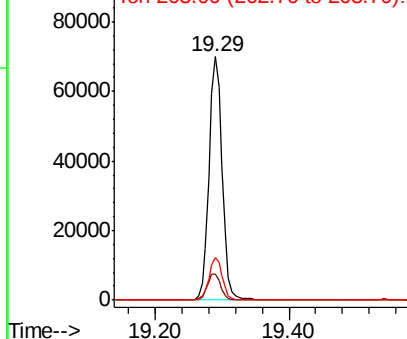
202 100

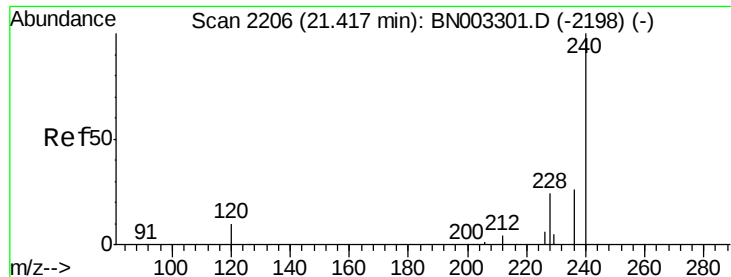
101 11.1 9.0 13.4

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

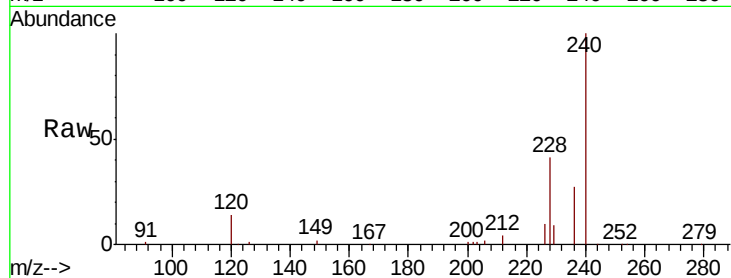




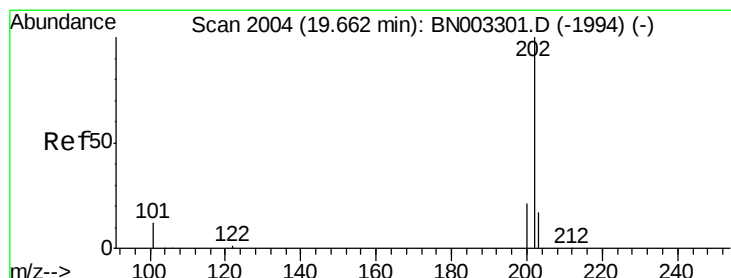
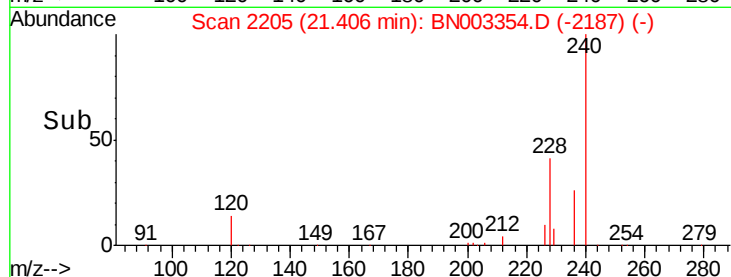
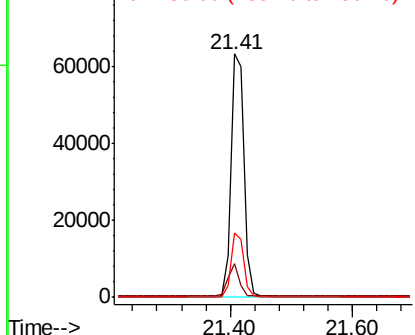
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BN003354.D
Acq: 30 Oct 2018 04:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 94332
Ion Ratio Lower Upper
240 100
120 14.0 9.3 13.9#
236 26.5 21.0 31.4

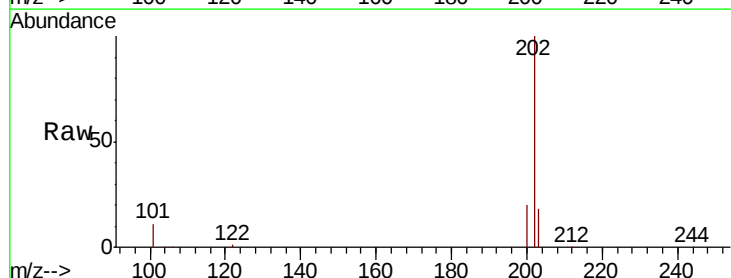


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

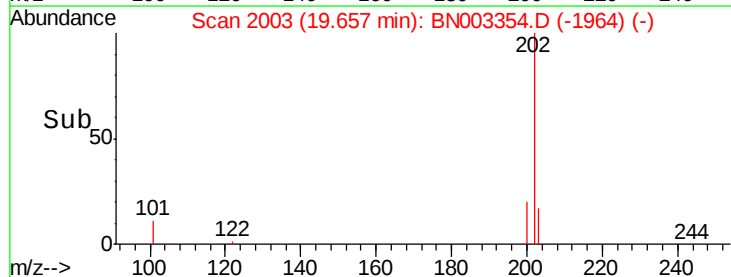
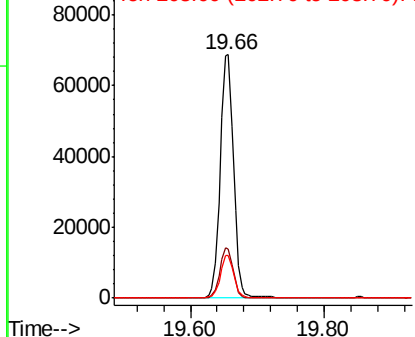


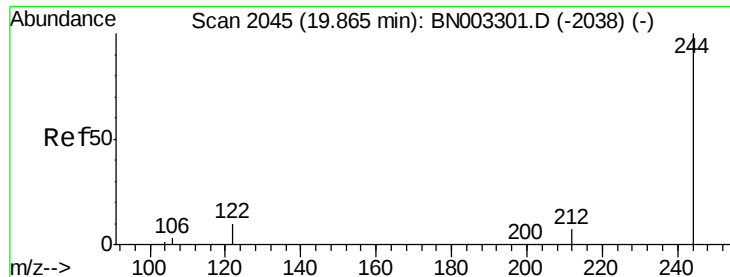
#28
Pyrene
Concen: 0.365 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BN003354.D
Acq: 30 Oct 2018 04:19

Tgt Ion:202 Resp: 95252
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 17.5 13.9 20.9



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: 0.356 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

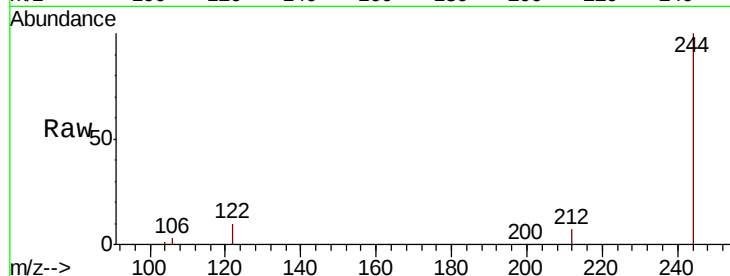
Tgt Ion:244 Resp: 78179

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

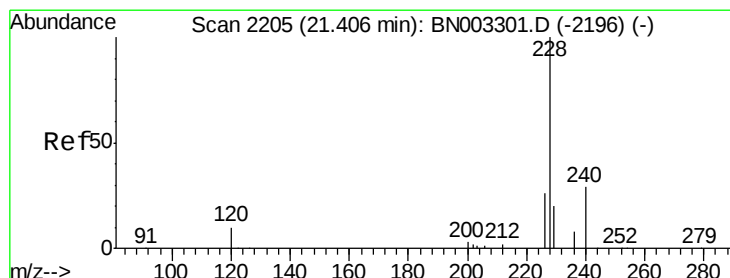
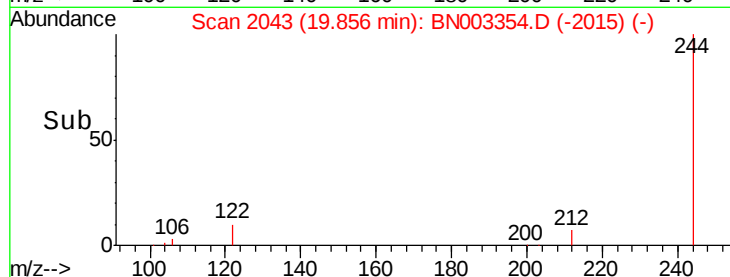
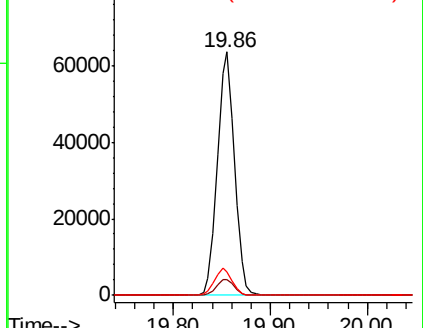
122 9.9 8.5 12.7



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: 0.335 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

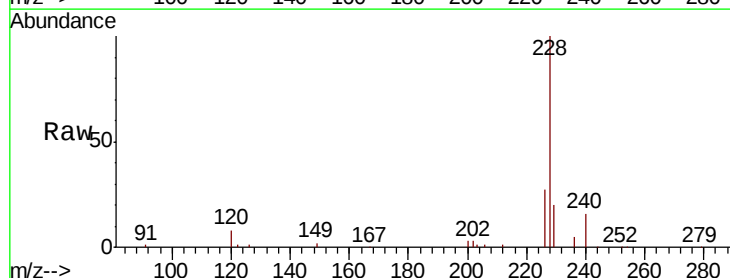
Tgt Ion:228 Resp: 82694

Ion Ratio Lower Upper

228 100

226 26.5 20.8 31.2

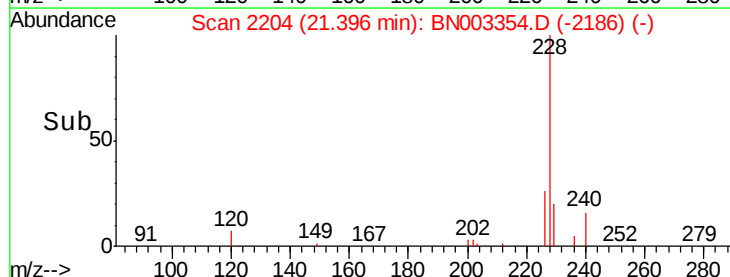
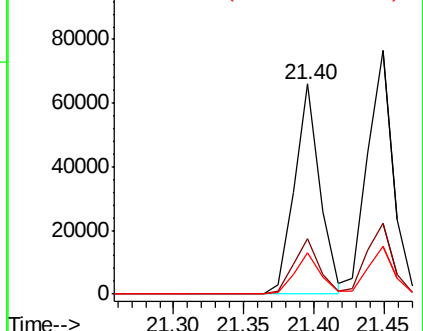
229 19.9 16.1 24.1

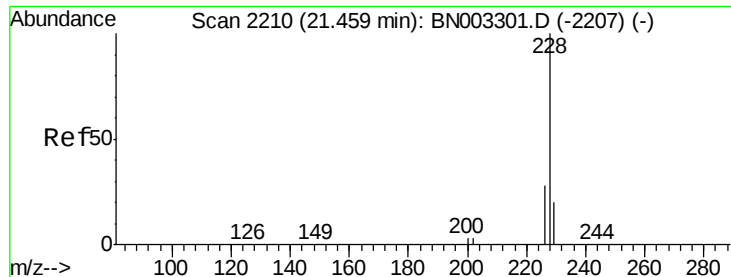


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.362 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

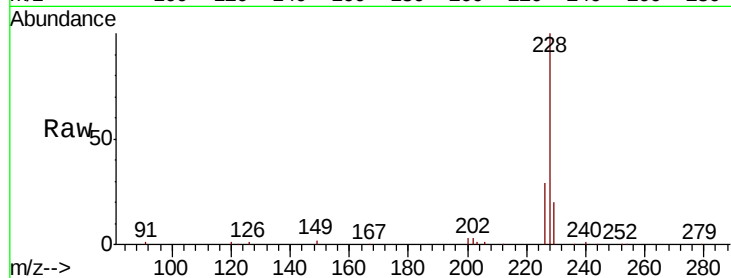
Tgt Ion:228 Resp: 96427

Ion Ratio Lower Upper

228 100

226 28.9 22.7 34.1

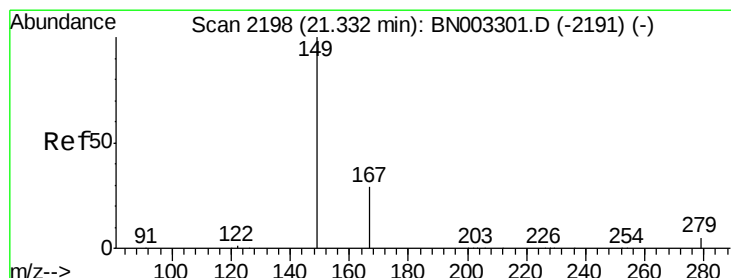
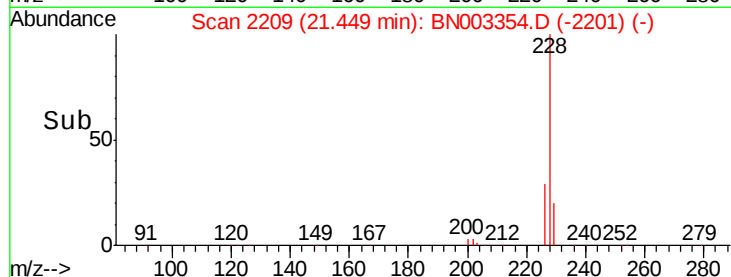
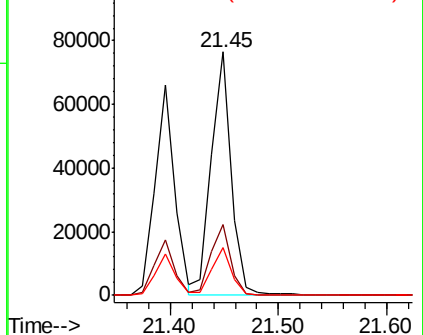
229 19.8 16.0 24.0



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: 0.360 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

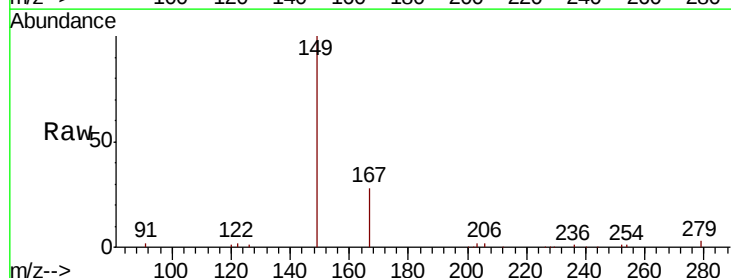
Tgt Ion:149 Resp: 26307

Ion Ratio Lower Upper

149 100

167 28.3 22.4 33.6

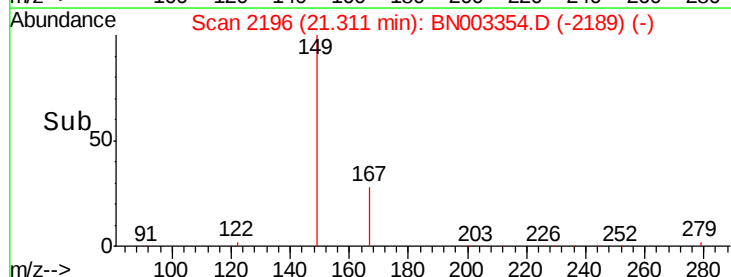
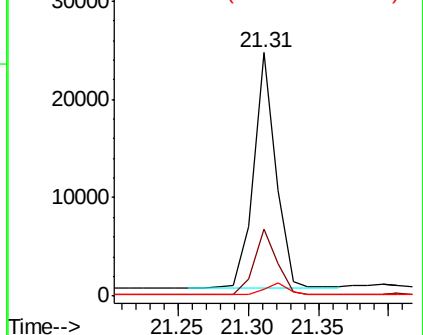
279 5.2 3.9 5.9

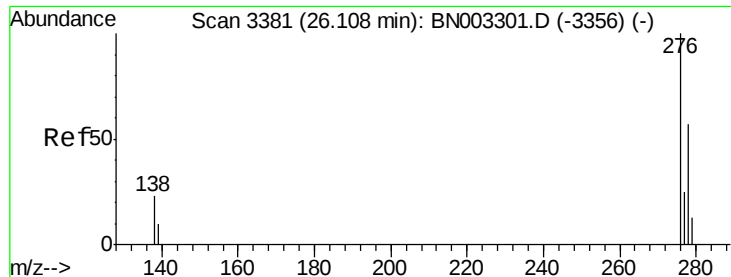


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.309 ng

RT: 26.08 min Scan# 3374

Delta R.T. -0.02 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

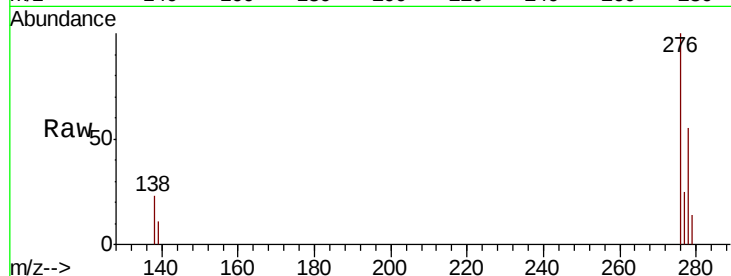
Tgt Ion: 276 Resp: 85428

Ion Ratio Lower Upper

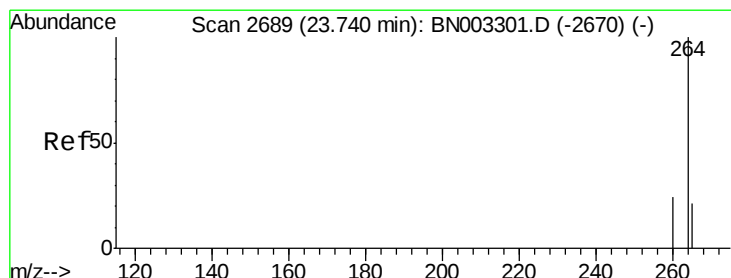
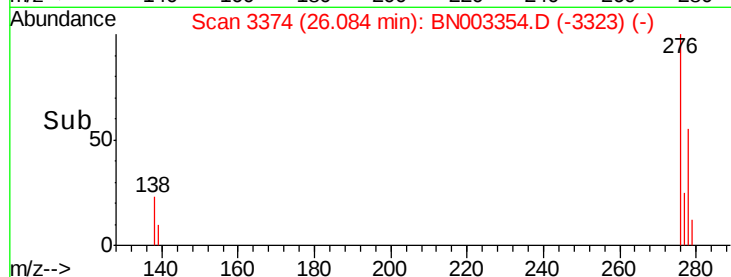
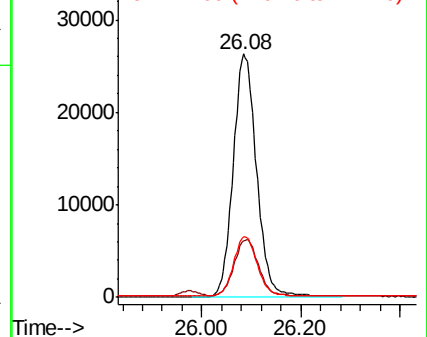
276 100

138 24.0 20.6 30.8

277 24.9 20.0 30.0



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: 23.73 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

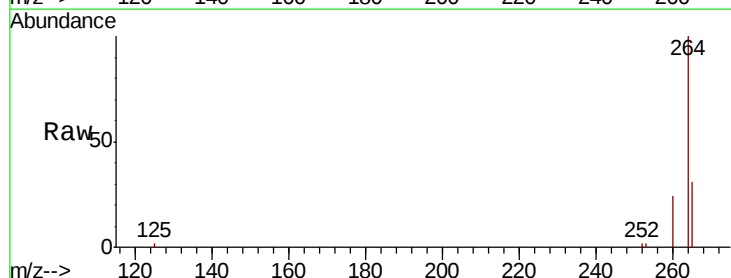
Tgt Ion: 264 Resp: 80774

Ion Ratio Lower Upper

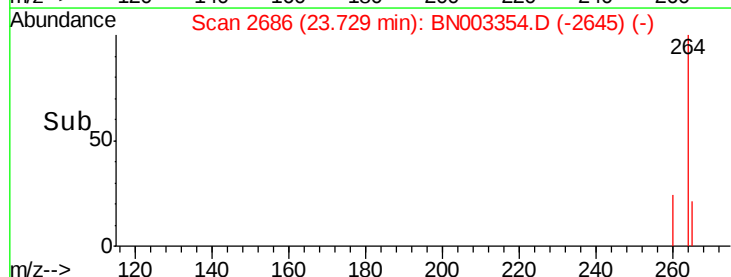
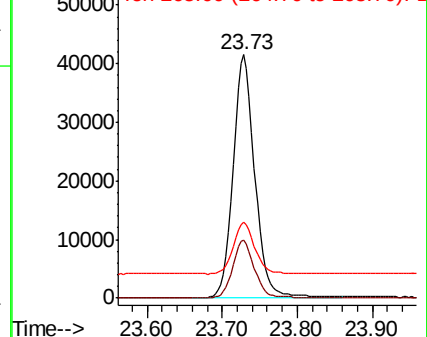
264 100

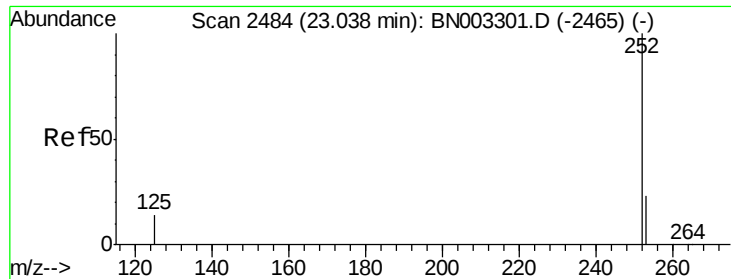
260 23.8 19.1 28.7

265 31.3 26.4 39.6



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: 0.383 ng

RT: 23.02 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

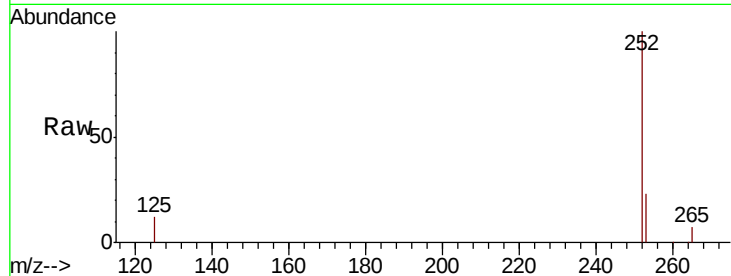
Tgt Ion:252 Resp: 96595

Ion Ratio Lower Upper

252 100

253 23.1 19.3 28.9

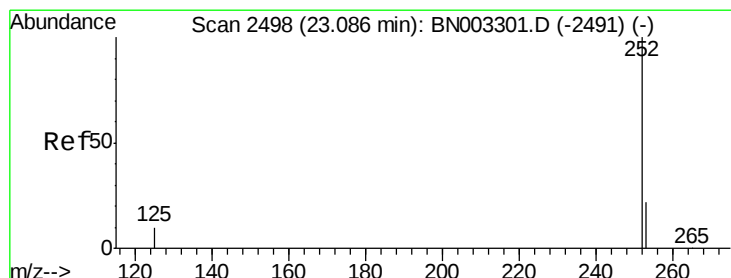
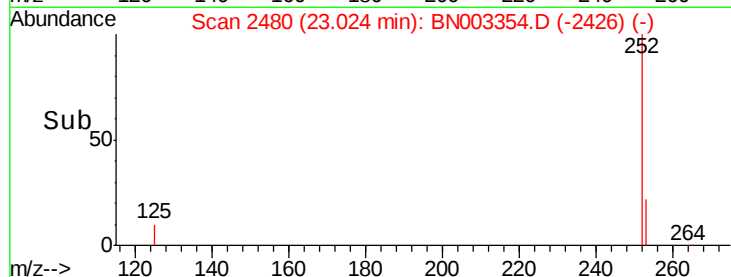
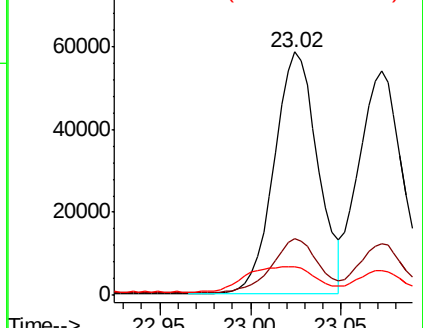
125 11.9 12.7 19.1#



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: 0.367 ng

RT: 23.07 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

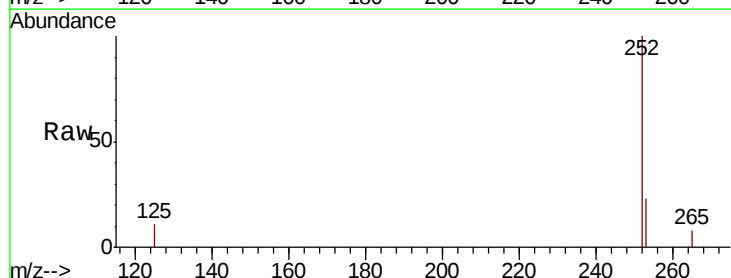
Tgt Ion:252 Resp: 91696

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

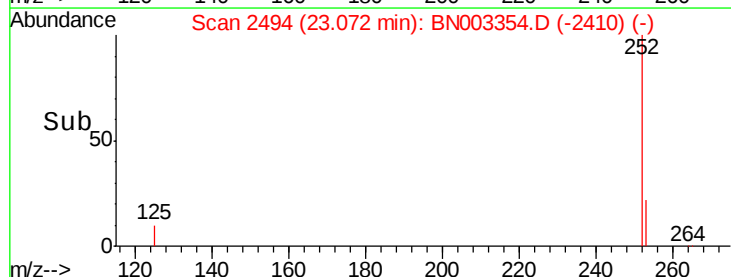
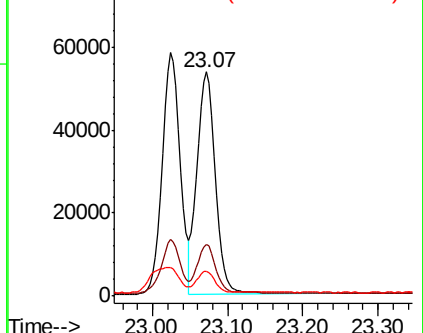
125 11.3 9.1 13.7

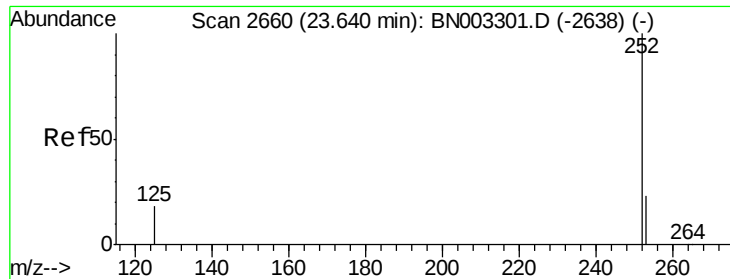


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.372 ng

RT: 23.63 min Scan# 2656

Delta R.T. -0.01 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

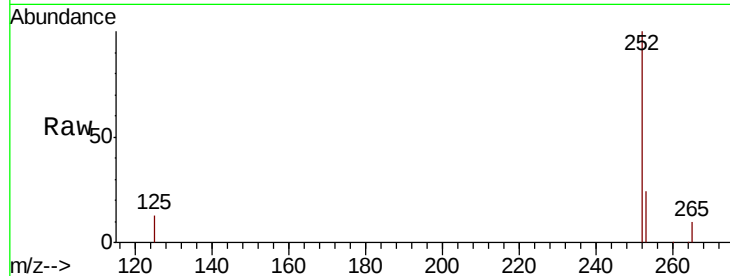
Tgt Ion:252 Resp: 85301

Ion Ratio Lower Upper

252 100

253 23.6 20.1 30.1

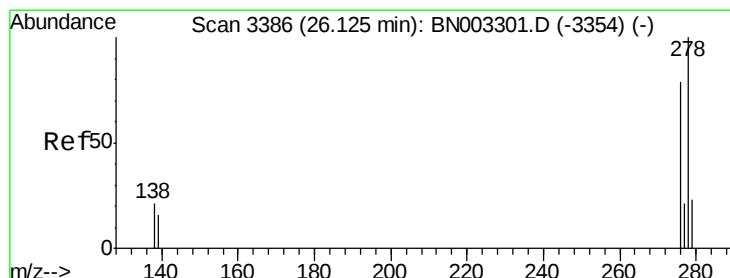
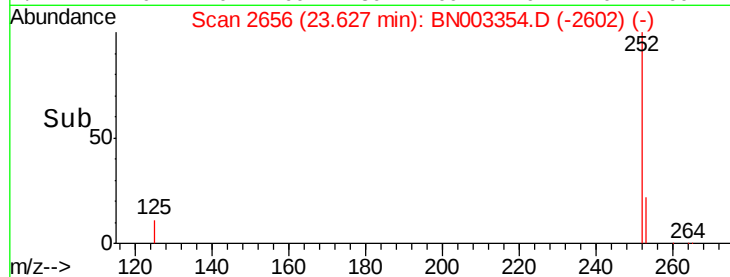
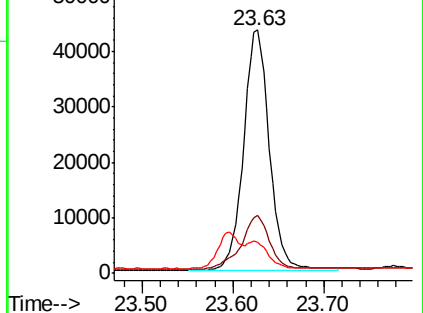
125 12.8 16.0 24.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.334 ng

RT: 26.10 min Scan# 3380

Delta R.T. -0.02 min

Lab File: BN003354.D

Acq: 30 Oct 2018 04:19

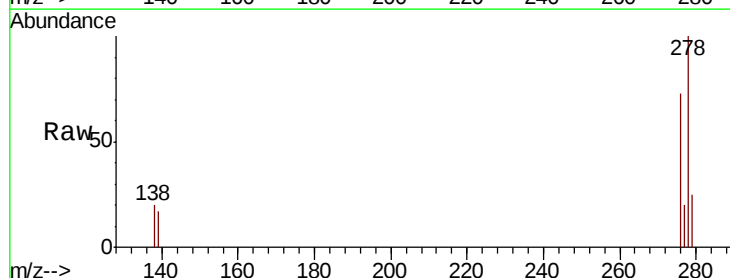
Tgt Ion:278 Resp: 71331

Ion Ratio Lower Upper

278 100

139 16.6 13.5 20.3

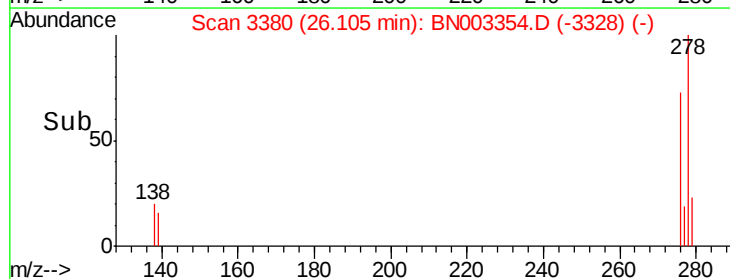
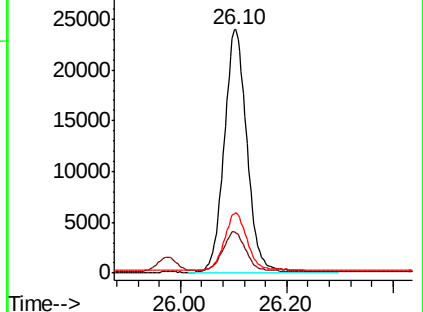
279 24.7 19.8 29.6

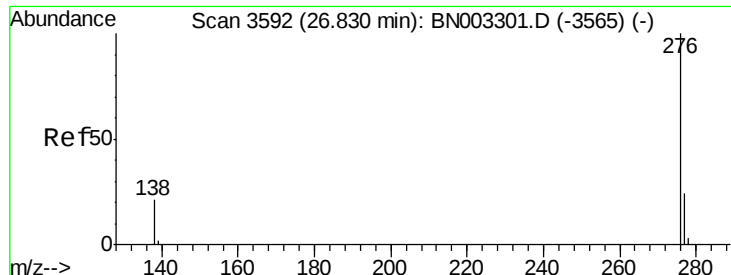


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.322 ng

RT: 26.81 min Scan# 3587

Delta R.T. -0.02 min

Lab File: BN003354.D

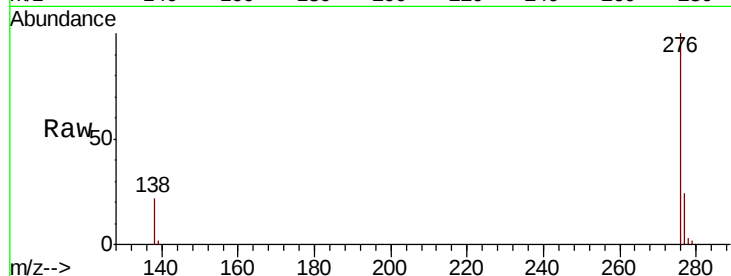
Acq: 30 Oct 2018 04:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 68866

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 21.6 17.4 26.2

