

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004816.D
 Acq On : 20 Mar 2019 11:44
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Mar 20 13:49:36 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 13:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1557	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6568	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4225	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	11058	0.40	ng	0.00
27) Chrysene-d12	21.29	240	15004	0.40	ng	0.00
34) Perylene-d12	23.55	264	16660	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	899	0.18	ng	0.00
5) Phenol-d6	6.88	99	1087	0.17	ng	0.00
8) Nitrobenzene-d5	8.87	82	879	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	2313	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	576	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	3670	0.22	ng	0.00
25) Fluoranthene-d10	19.13	212	7539	0.23	ng	0.00
29) Terphenyl-d14	19.73	244	6439	0.17	ng	0.00

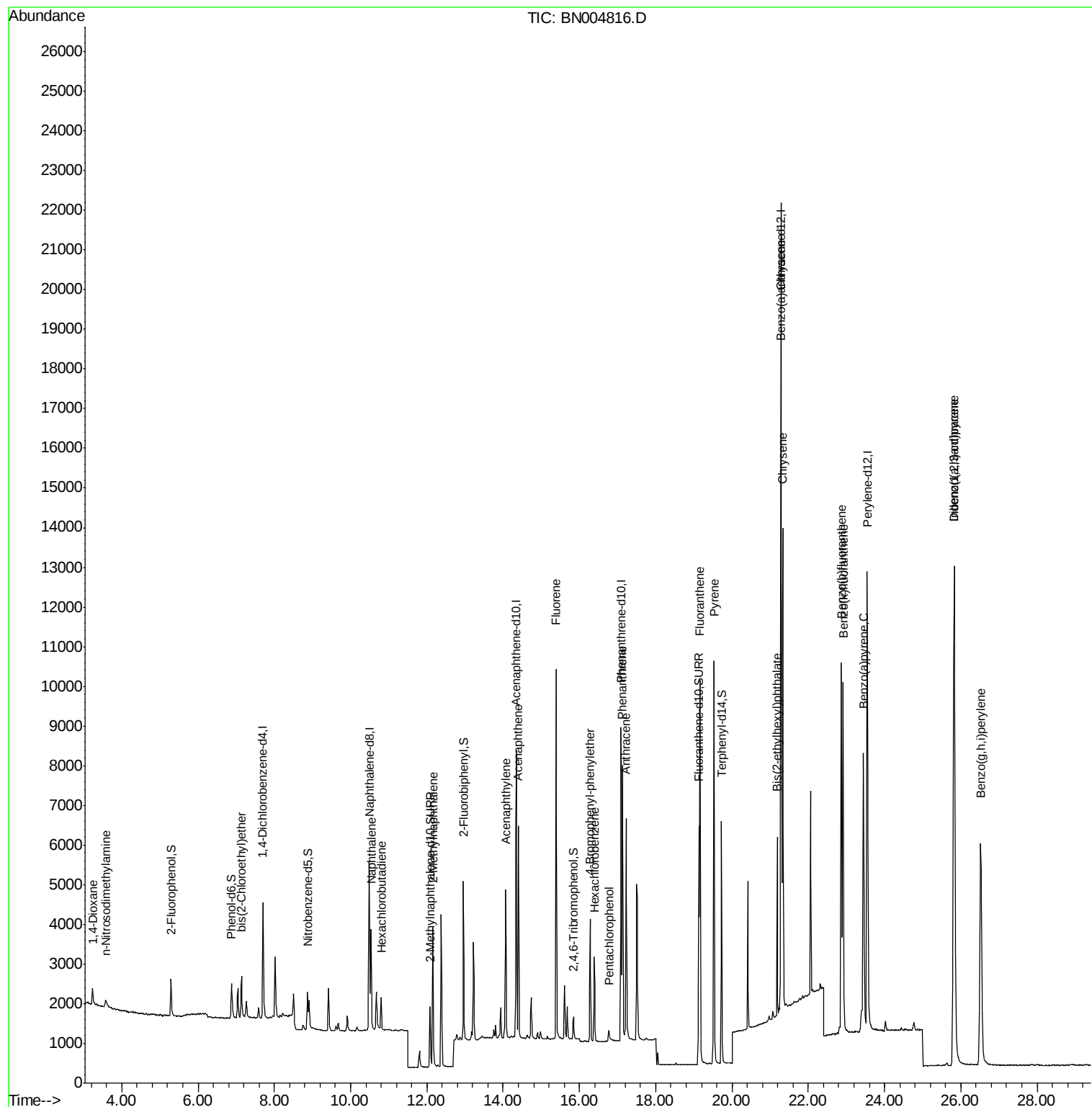
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	410	0.299	ng	94
3) n-Nitrosodimethylamine	3.58	42	205	0.282	ng	# 94
6) bis(2-Chloroethyl)ether	7.14	93	963	0.207	ng	99
9) Naphthalene	10.54	128	3855	0.236	ng	97
10) Hexachlorobutadiene	10.81	225	730	0.262	ng	# 99
12) 2-Methylnaphthalene	12.16	142	2799	0.237	ng	99
16) Acenaphthylene	14.07	152	4213	0.212	ng	100
17) Acenaphthene	14.40	154	2928	0.225	ng	99
18) Fluorene	15.39	166	4117	0.250	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	1451	0.236	ng	100
21) Hexachlorobenzene	16.39	284	1684	0.242	ng	98
22) Pentachlorophenol	16.77	266	233	0.183	ng	90
23) Phenanthrene	17.13	178	7388	0.247	ng	99
24) Anthracene	17.23	178	6269	0.228	ng	100
26) Fluoranthene	19.16	202	9268	0.261	ng	100
28) Pyrene	19.53	202	9643	0.205	ng	100
30) Benzo(a)anthracene	21.28	228	9967	0.239	ng	99
31) Chrysene	21.33	228	11185	0.263	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	4221	0.165	ng	100
33) Indeno(1,2,3-cd)pyrene	25.82	276	15705	0.346	ng	100
35) Benzo(b)fluoranthene	22.87	252	12182	0.254	ng	97
36) Benzo(k)fluoranthene	22.91	252	11751	0.233	ng	97
37) Benzo(a)pyrene	23.45	252	11170	0.246	ng	96
38) Dibenzo(a,h)anthracene	25.83	278	12904	0.284	ng	97
39) Benzo(g,h,i)perylene	26.53	276	13389	0.298	ng	99

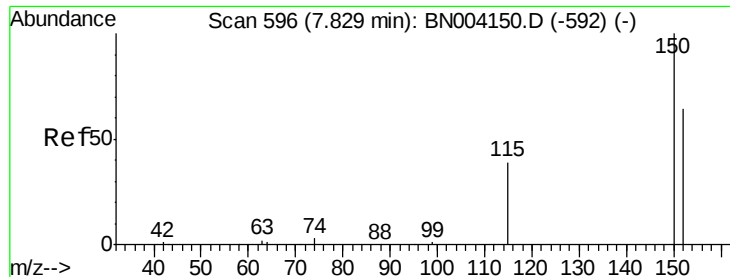
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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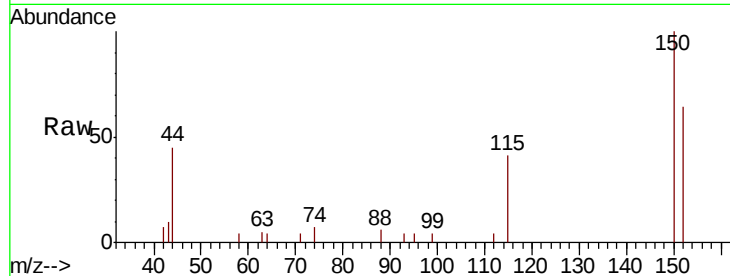


#1

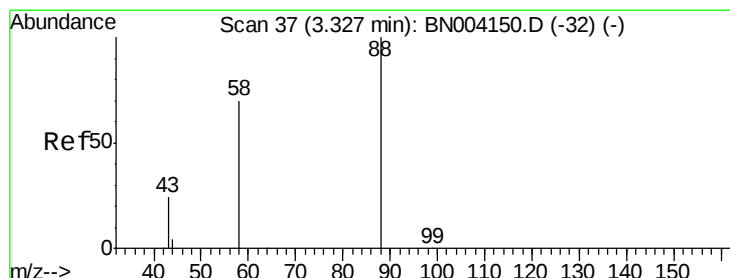
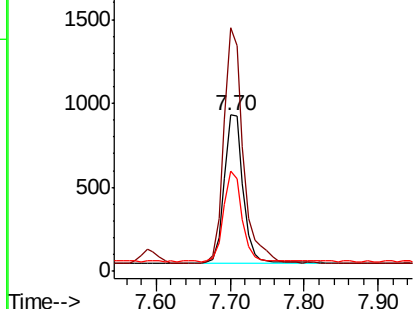
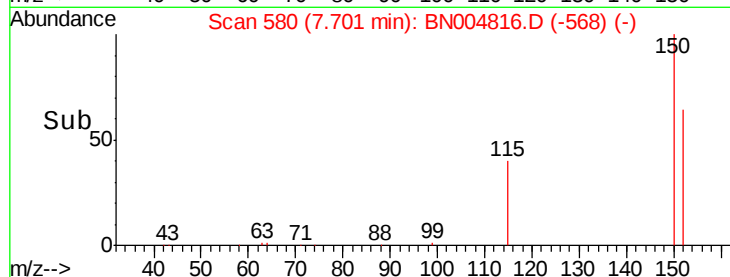
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004816.D
Acq: 20 Mar 2019 11:44

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 1557
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.4
115 64.6 52.6 79.0



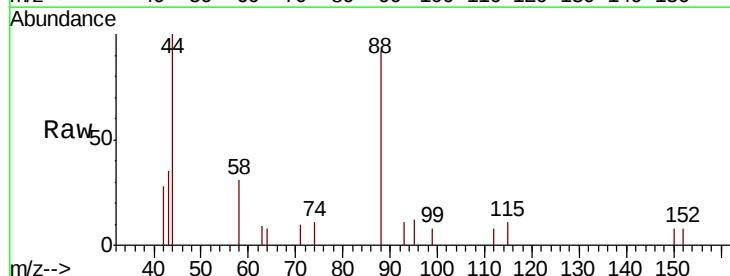
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



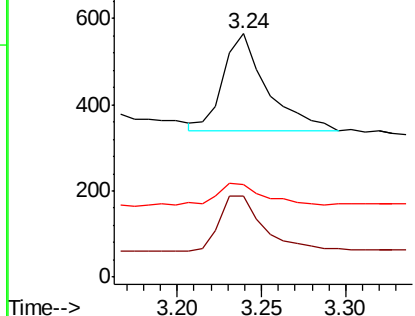
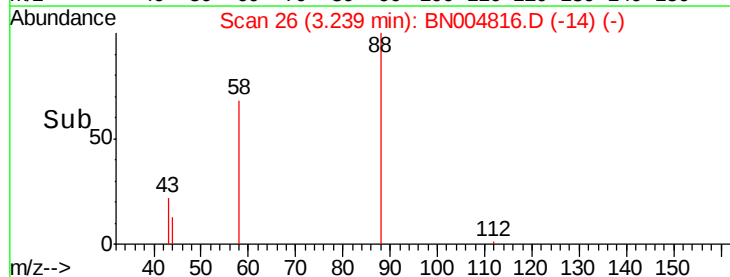
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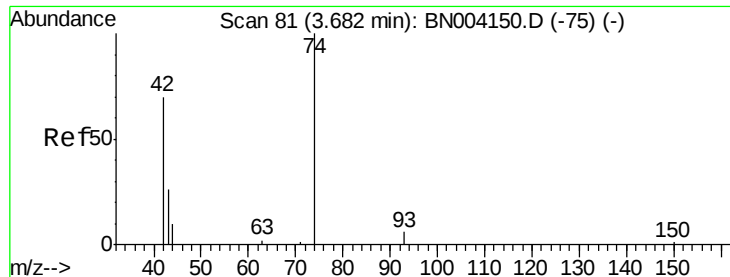
1,4-Dioxane
Concen: 0.299 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.00 min
Lab File: BN004816.D
Acq: 20 Mar 2019 11:44

Tgt Ion: 88 Resp: 410
Ion Ratio Lower Upper
88 100
58 59.3 51.4 77.2
43 27.1 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



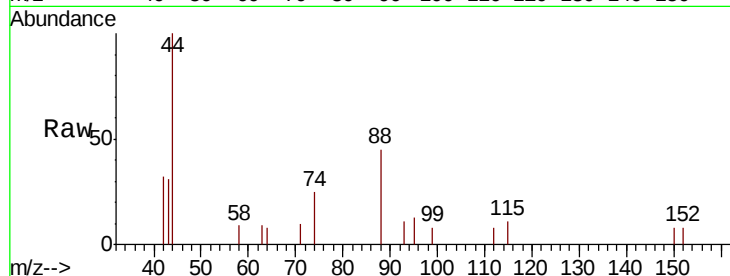


#3

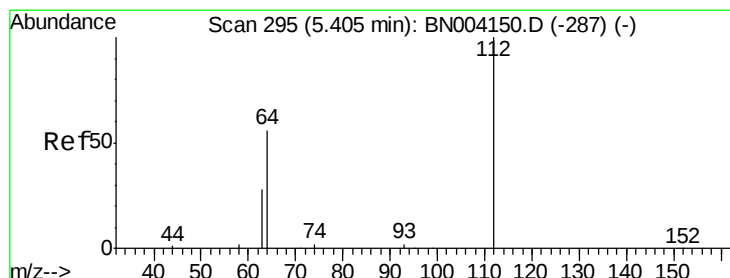
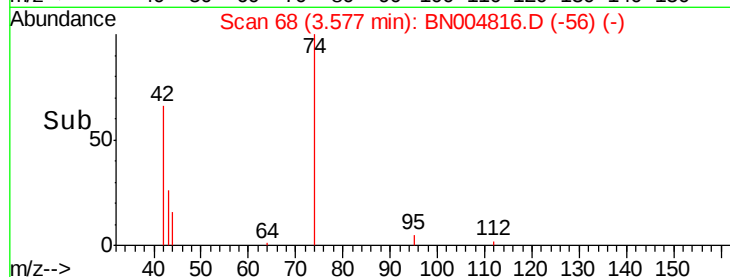
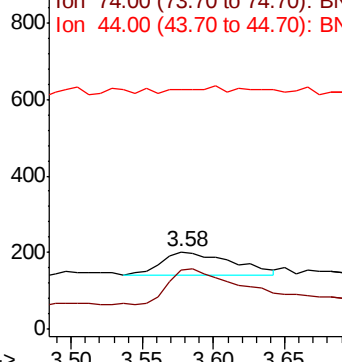
n-Nitrosodimethylamine
 Concen: 0.282 ng
 RT: 3.58 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BN004816.D
 Acq: 20 Mar 2019 11:44

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Tot Ion: 42 Resp: 205
 Ion Ratio Lower Upper
 42 100
 74 153.7 128.4 192.6
 44 0.0 6.1 9.1#



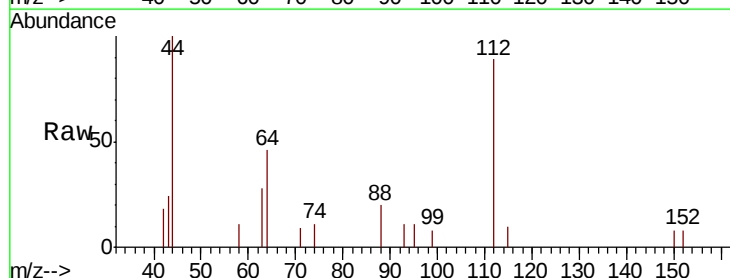
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



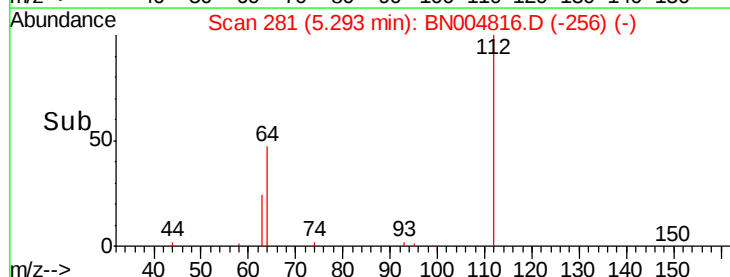
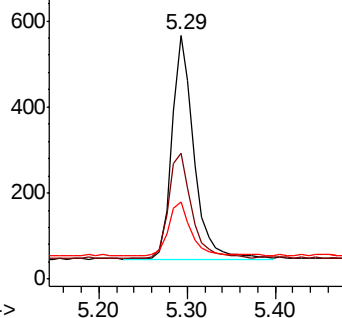
#4

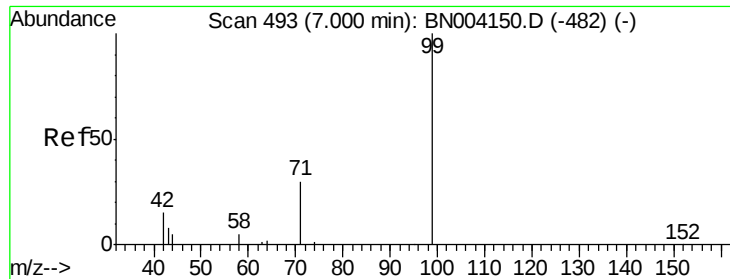
2-Fluorophenol
 Concen: 0.185 ng
 RT: 5.29 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BN004816.D
 Acq: 20 Mar 2019 11:44

Tgt Ion: 112 Resp: 899
 Ion Ratio Lower Upper
 112 100
 64 49.1 40.0 60.0
 63 25.3 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: 0.169 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

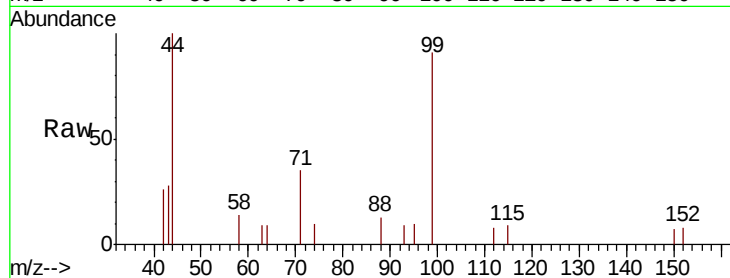
Tot Ion: 99 Resp: 1087

Ion Ratio Lower Upper

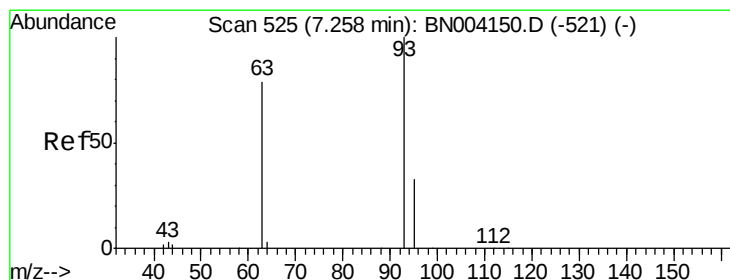
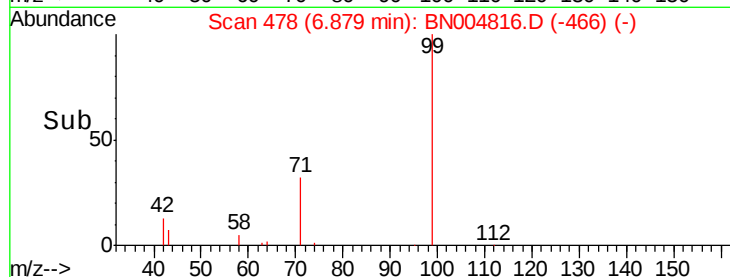
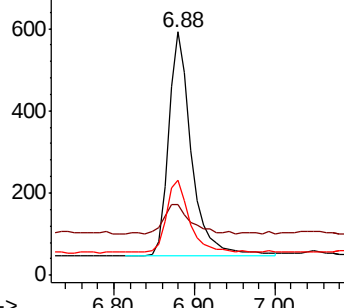
99 100

42 15.7 12.7 19.1

71 31.9 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.207 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

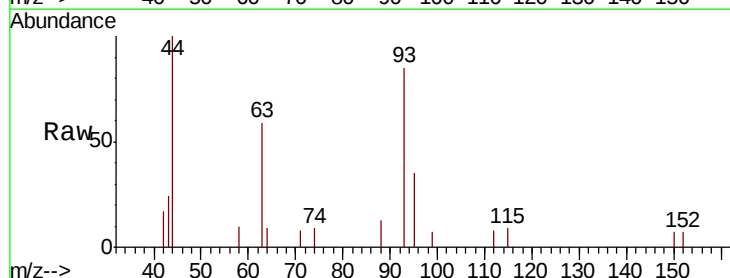
Tgt Ion: 93 Resp: 963

Ion Ratio Lower Upper

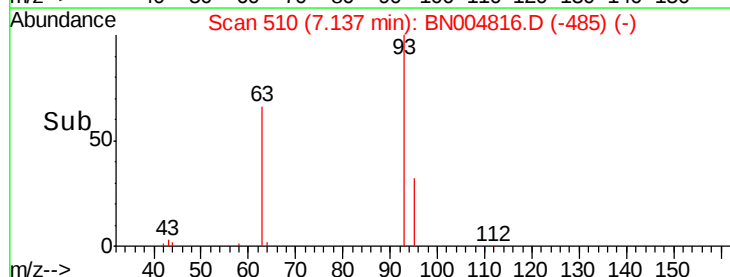
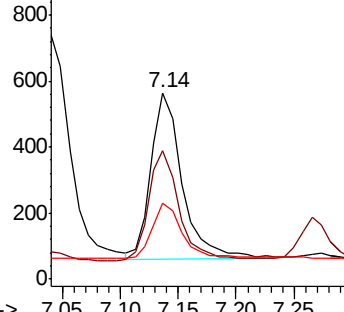
93 100

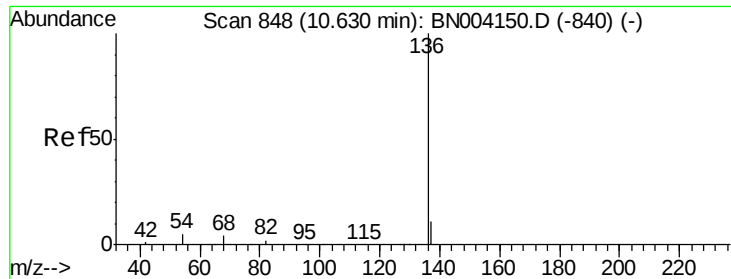
63 64.5 52.6 78.8

95 32.7 25.9 38.9



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 6568

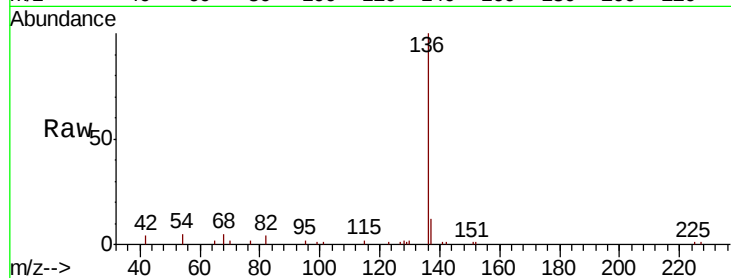
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 5.4 4.2 6.2

68 4.7 3.9 5.9

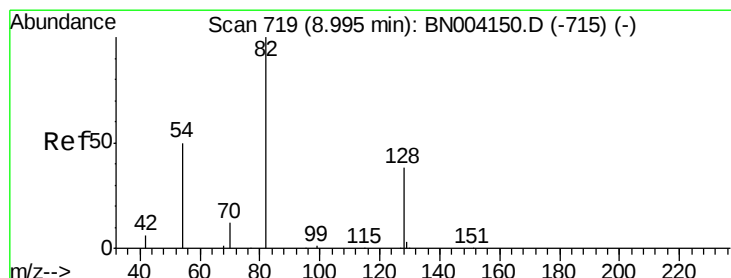
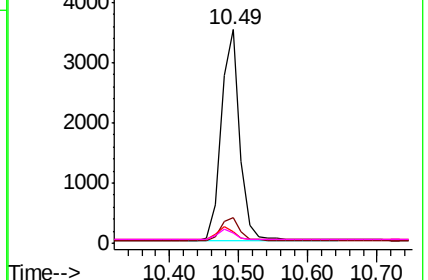
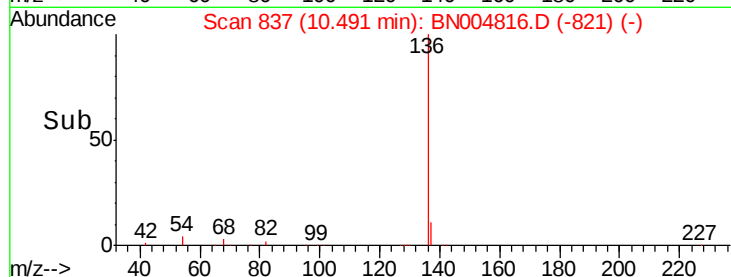


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.208 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

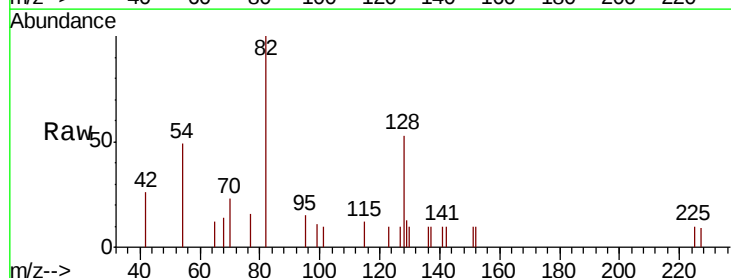
Tgt Ion: 82 Resp: 879

Ion Ratio Lower Upper

82 100

128 52.7 43.0 64.6

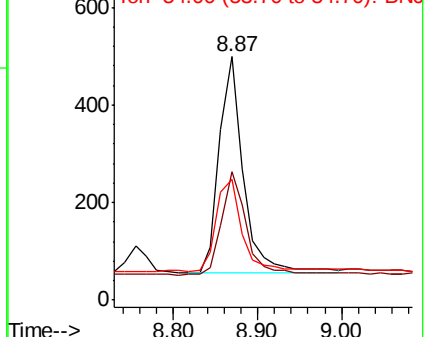
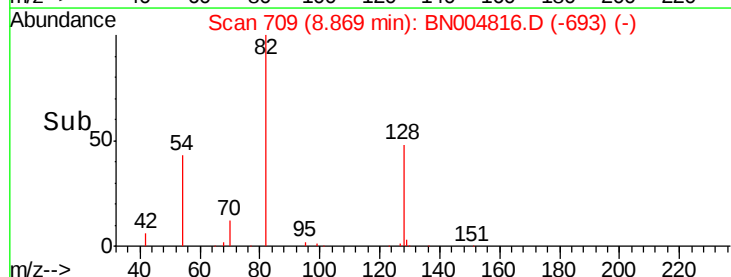
54 49.5 35.3 52.9

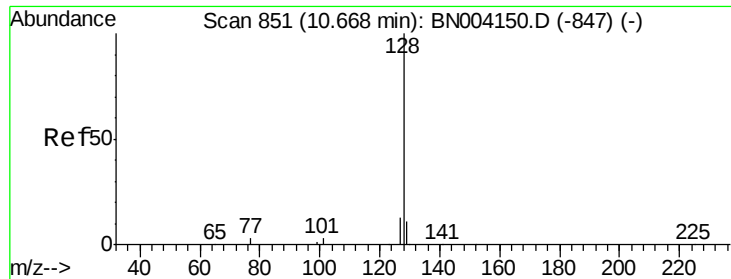


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.236 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

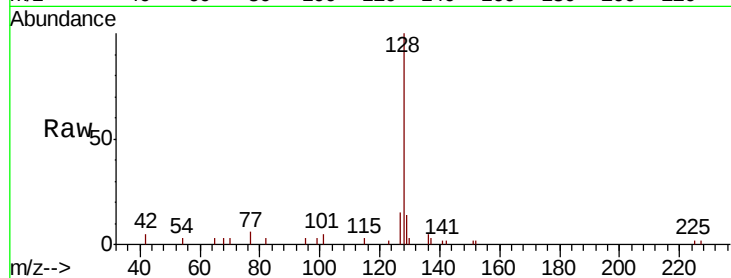
Tot Ion:128 Resp: 3855

Ion Ratio Lower Upper

128 100

129 13.7 9.9 14.9

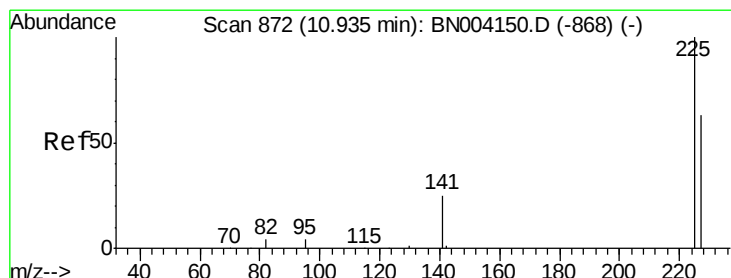
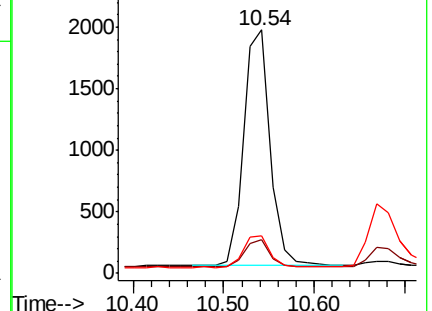
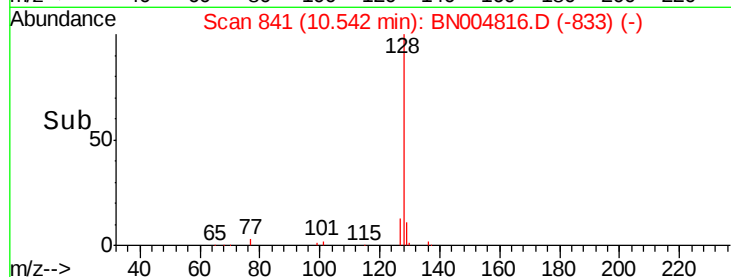
127 15.3 11.3 16.9



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: 0.262 ng

RT: 10.81 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

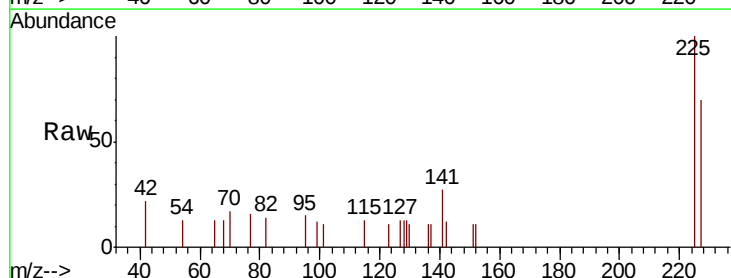
Tgt Ion:225 Resp: 730

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

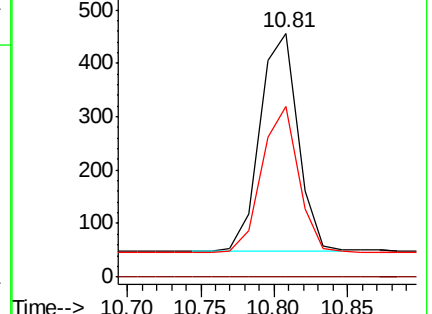
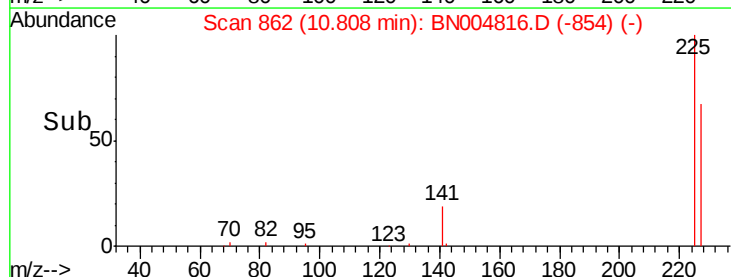
227 65.9 52.2 78.4

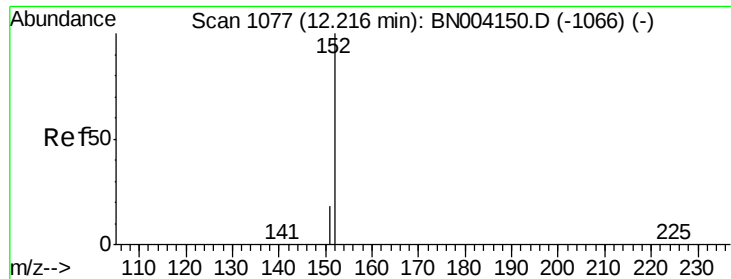


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

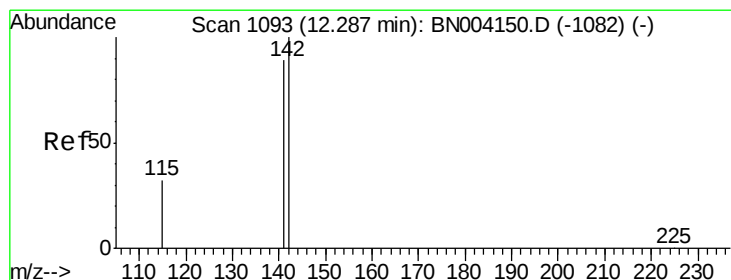
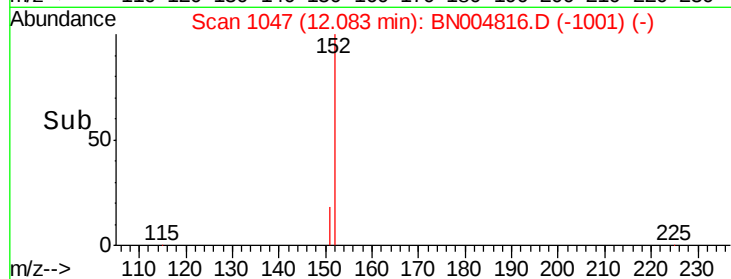
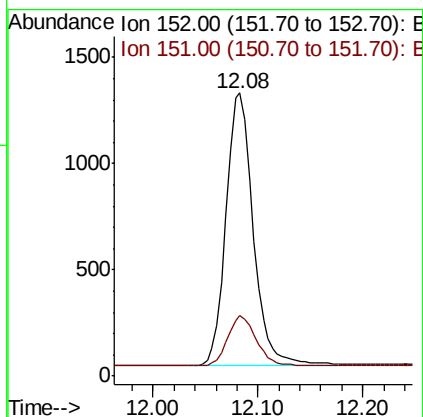
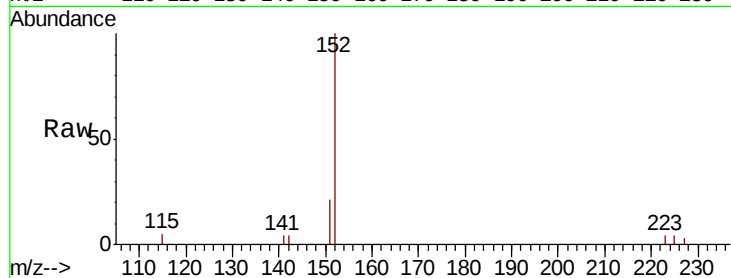




#11
 2-Methylnaphthalene-d10
 Concen: 0.209 ng
 RT: 12.08 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BN004816.D
 Acq: 20 Mar 2019 11:44

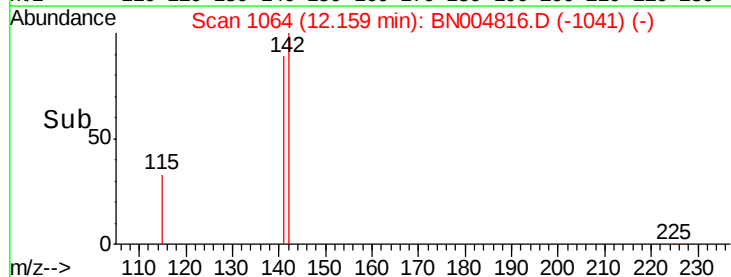
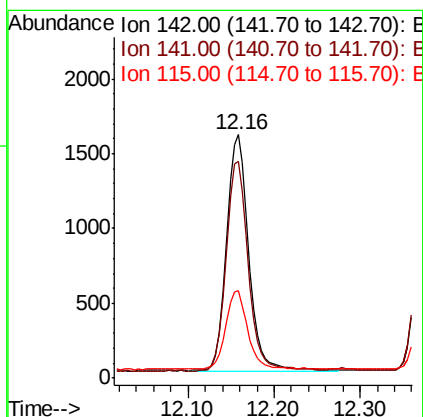
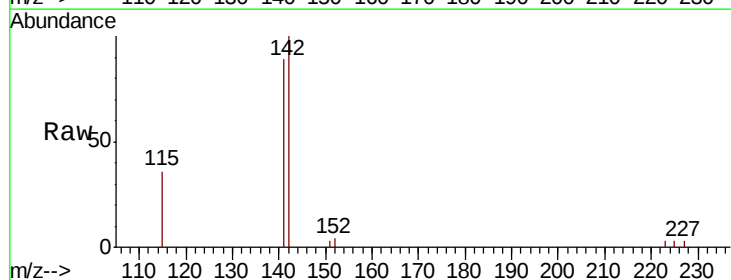
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

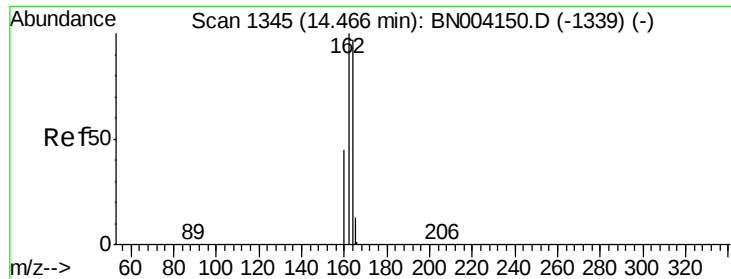
Tot Ion:152 Resp: 2313
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.237 ng
 RT: 12.16 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BN004816.D
 Acq: 20 Mar 2019 11:44

Tgt Ion:142 Resp: 2799
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.4 107.2
 115 35.9 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

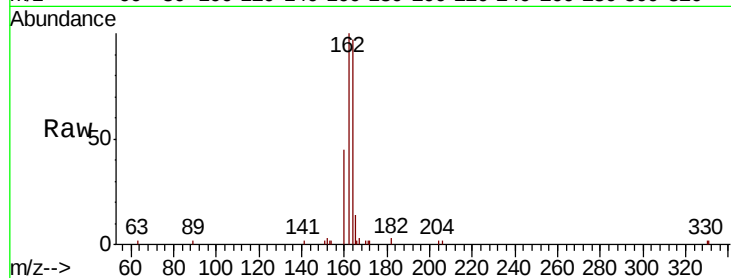
Tot Ion:164 Resp: 4225

Ion Ratio Lower Upper

164 100

162 102.7 81.9 122.9

160 46.3 36.6 54.8

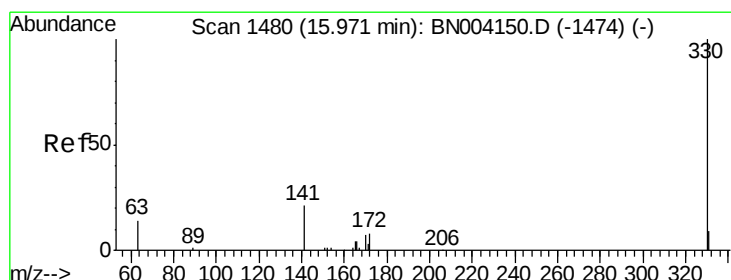
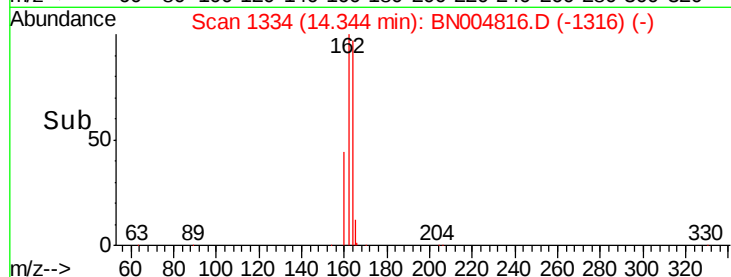
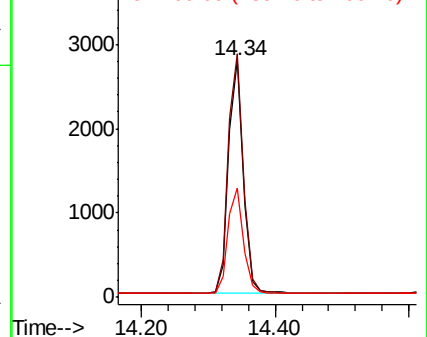


Abundance

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: 0.228 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

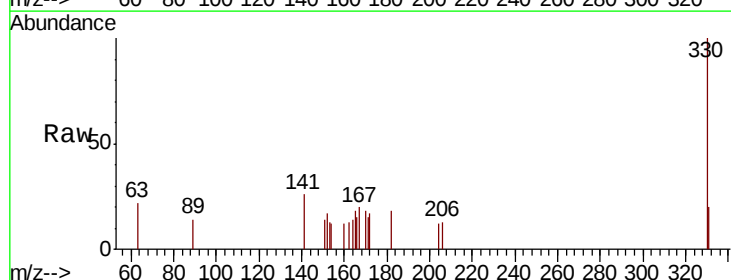
Tgt Ion:330 Resp: 576

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 24.5 20.9 31.3

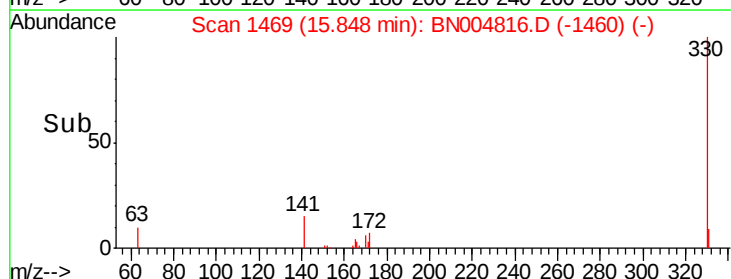
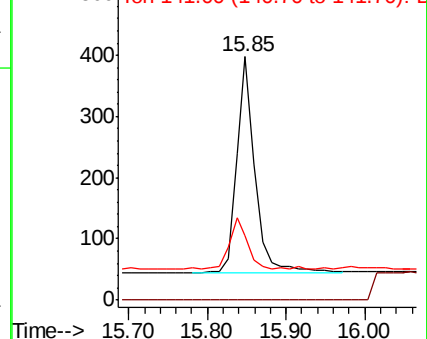


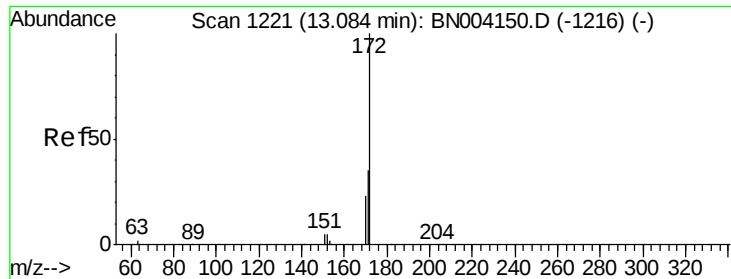
Abundance

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

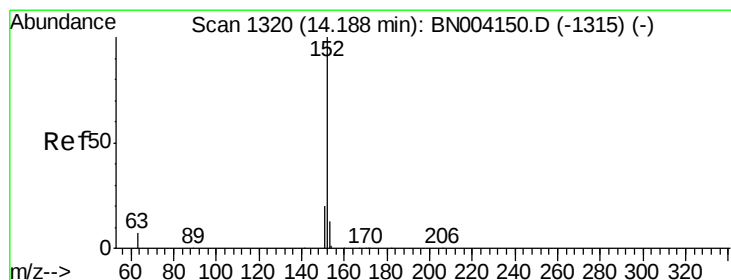
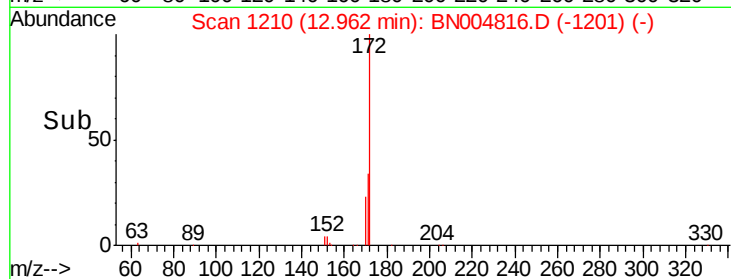
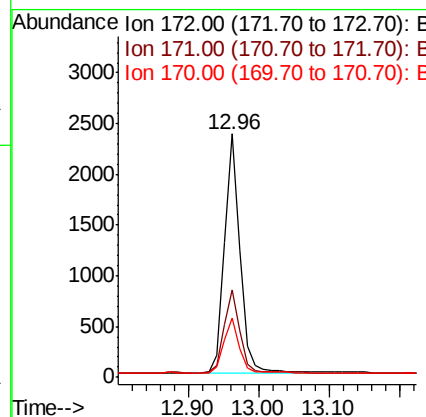
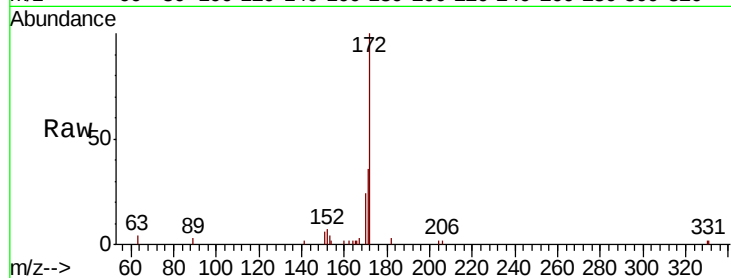




#15
2-Fluorobiphenyl
Concen: 0.218 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004816.D
Acq: 20 Mar 2019 11:44

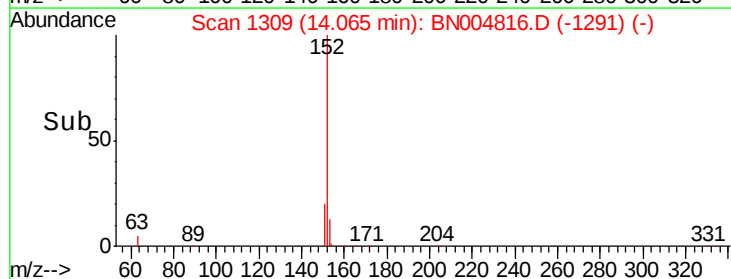
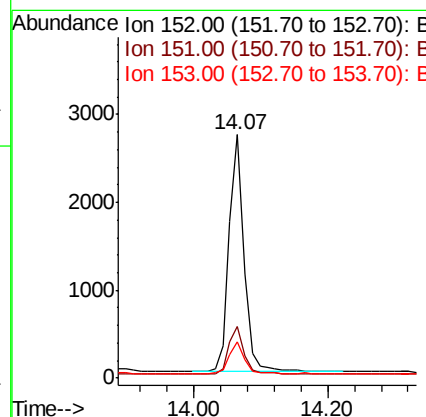
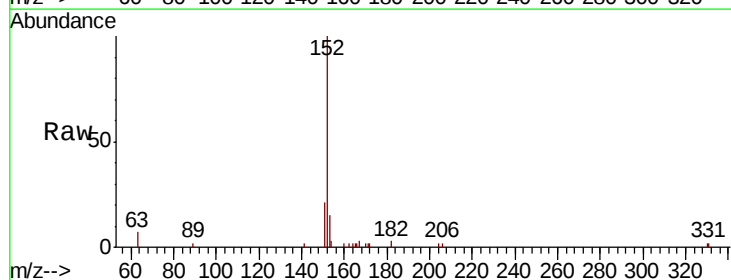
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

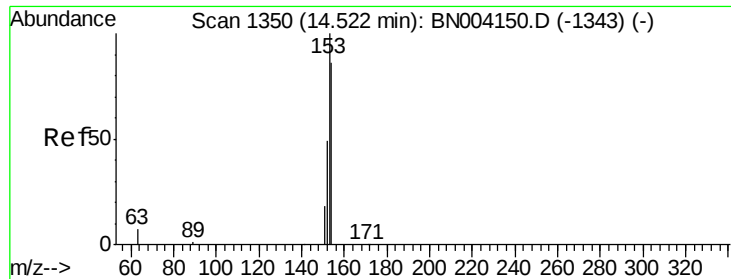
Tot Ion:172 Resp: 3670
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.2 18.7 28.1



#16
Acenaphthylene
Concen: 0.212 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004816.D
Acq: 20 Mar 2019 11:44

Tgt Ion:152 Resp: 4213
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.225 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

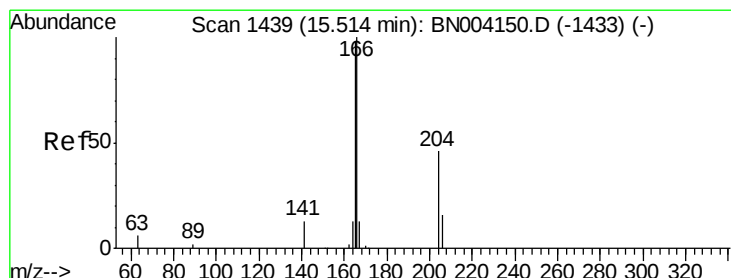
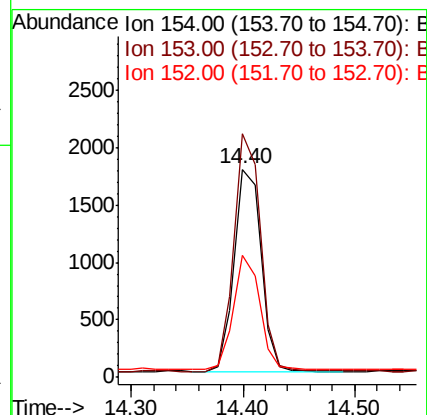
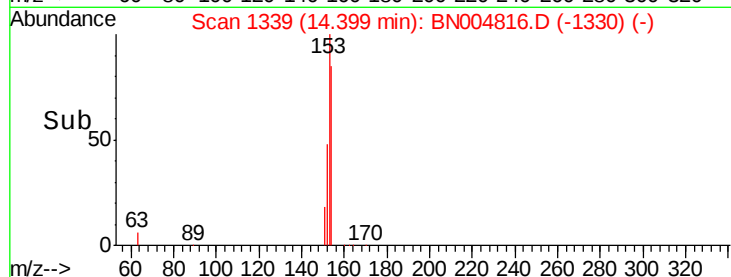
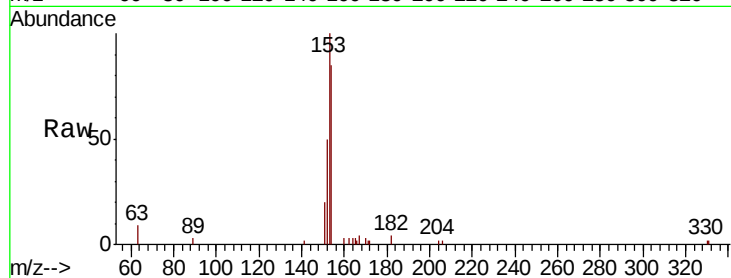
Tot Ion:154 Resp: 2928

Ion Ratio Lower Upper

154 100

153 115.9 91.4 137.2

152 56.2 44.2 66.2



#18

Fluorene

Concen: 0.250 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

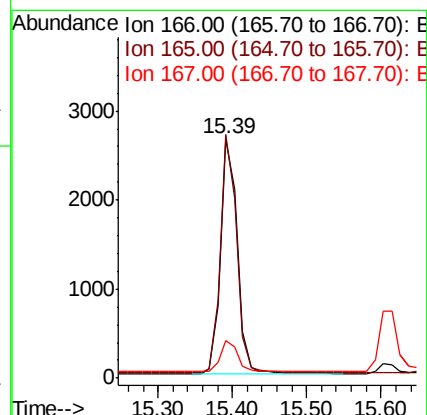
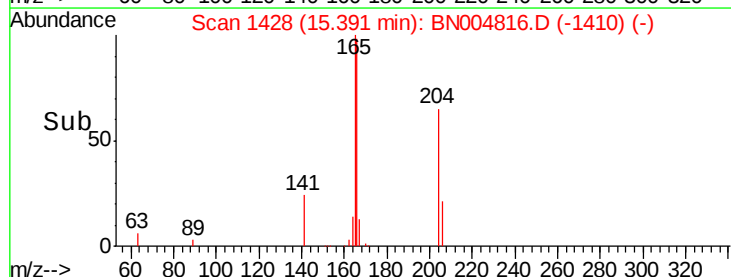
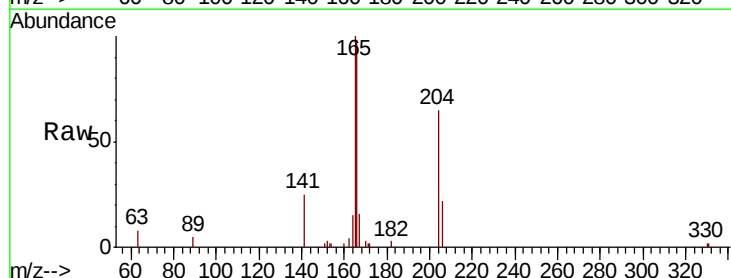
Tgt Ion:166 Resp: 4117

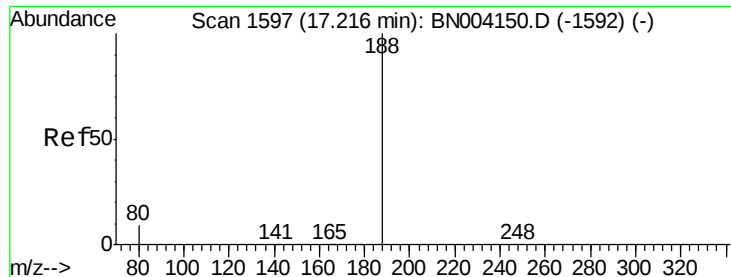
Ion Ratio Lower Upper

166 100

165 99.0 78.2 117.4

167 14.0 11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

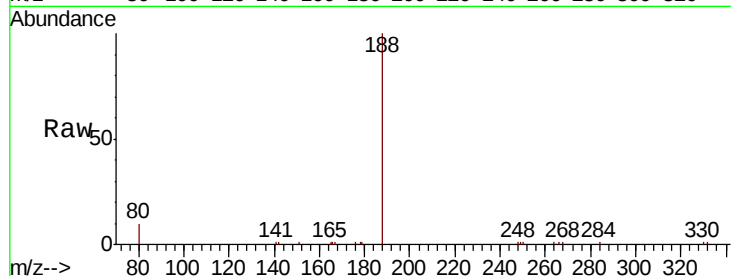
Tot Ion:188 Resp: 11058

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

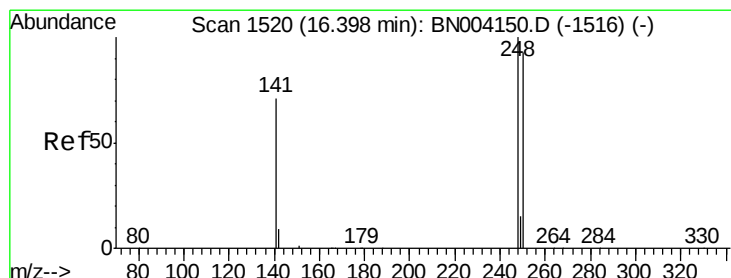
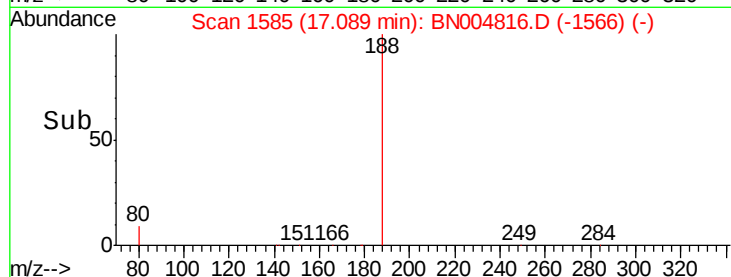
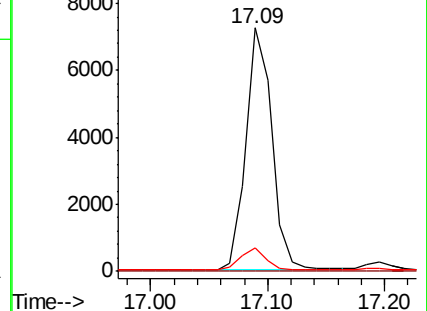
80 9.6 7.4 11.2



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: 0.236 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

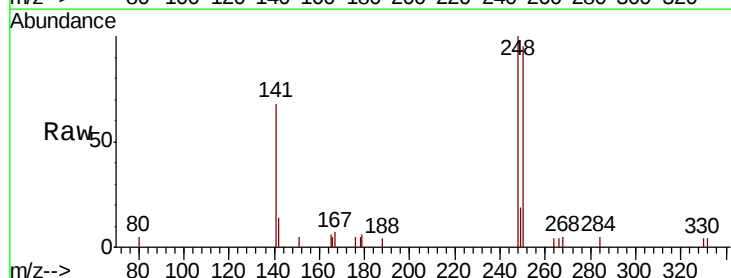
Tgt Ion:248 Resp: 1451

Ion Ratio Lower Upper

248 100

250 95.2 76.2 114.4

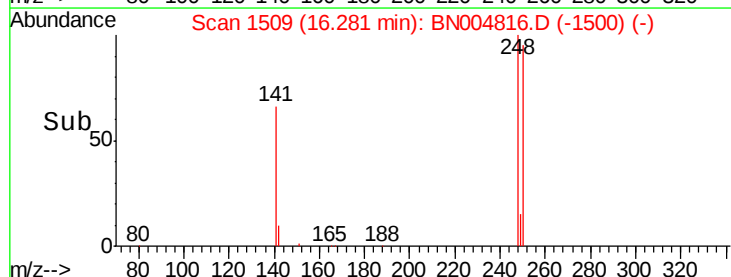
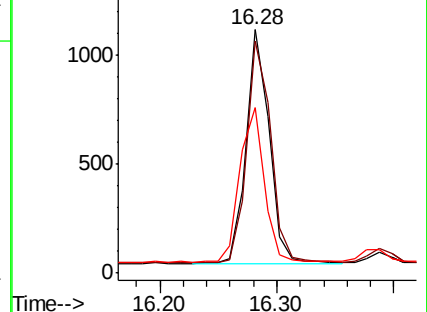
141 67.7 53.9 80.9

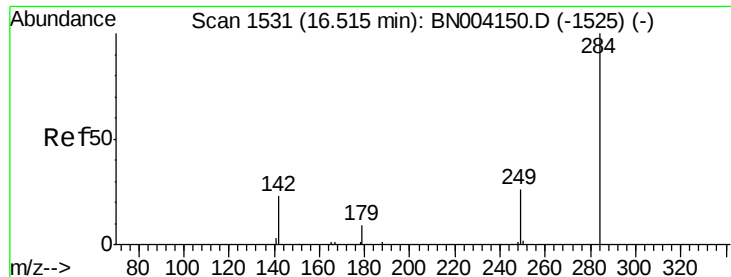


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.242 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

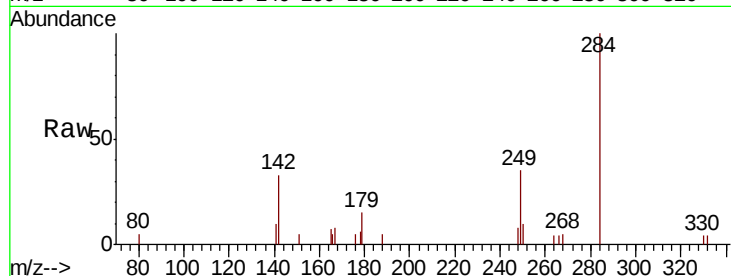
Tot Ion:284 Resp: 1684

Ion Ratio Lower Upper

284 100

142 29.5 22.6 34.0

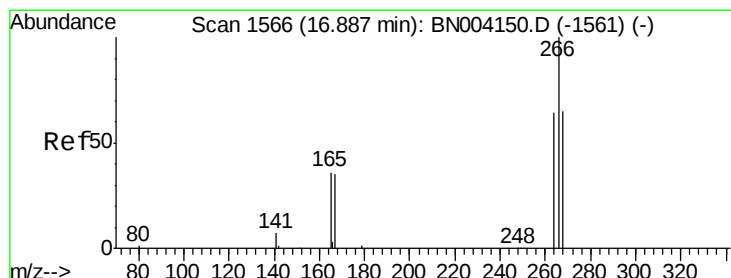
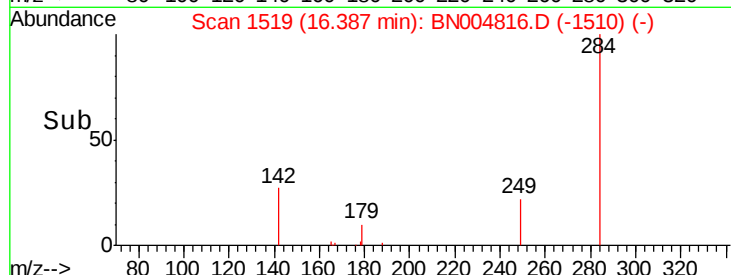
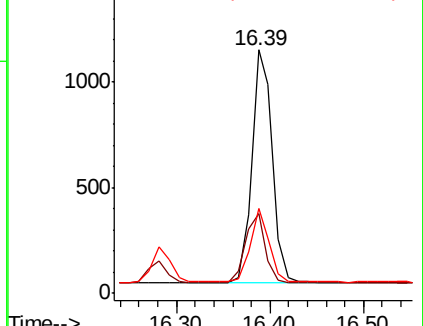
249 28.6 22.5 33.7



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: 0.183 ng

RT: 16.77 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

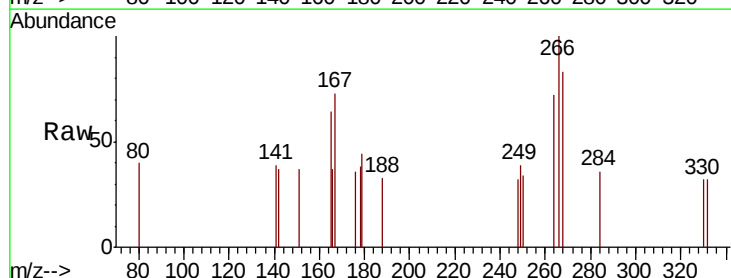
Tgt Ion:266 Resp: 233

Ion Ratio Lower Upper

266 100

264 71.8 53.1 79.7

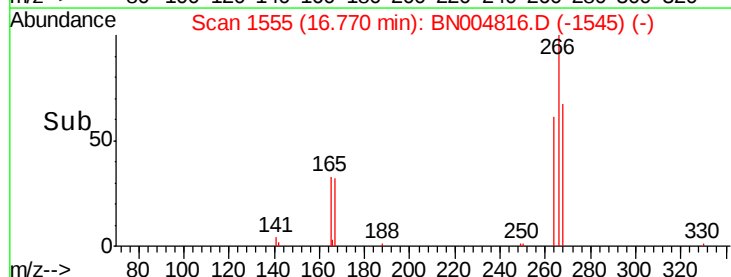
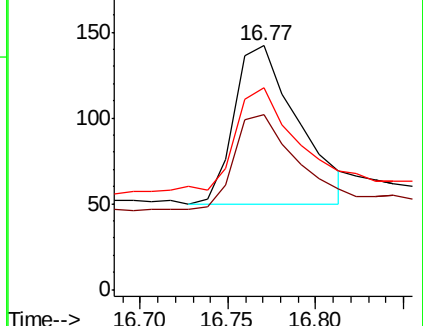
268 83.1 57.7 86.5

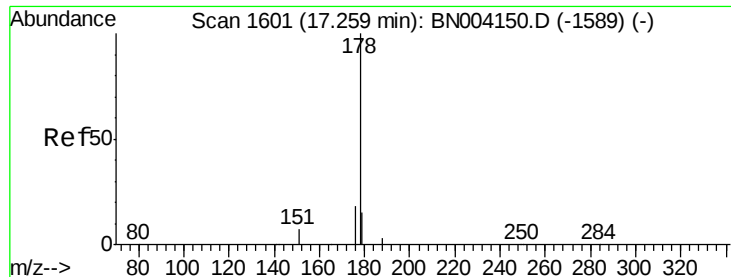


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.247 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

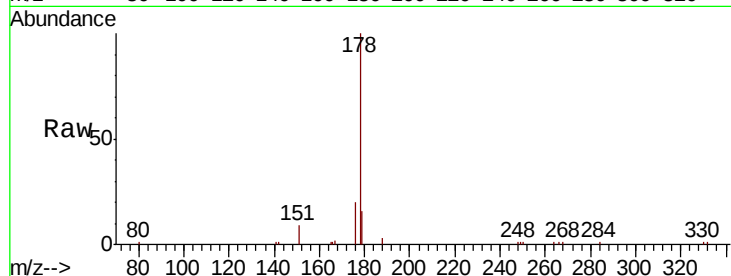
Tot Ion:178 Resp: 7388

Ion Ratio Lower Upper

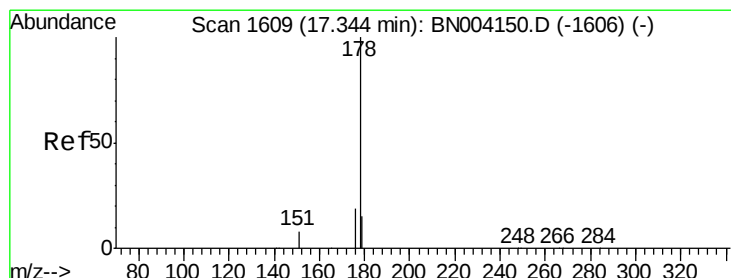
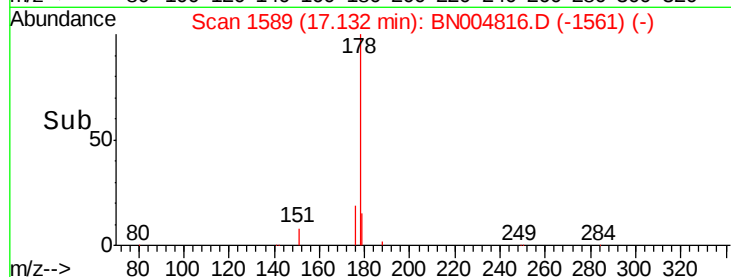
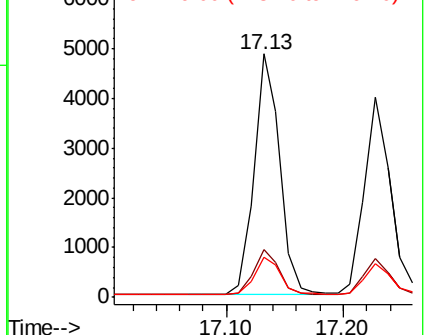
178 100

176 18.7 14.9 22.3

179 15.8 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: 0.228 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

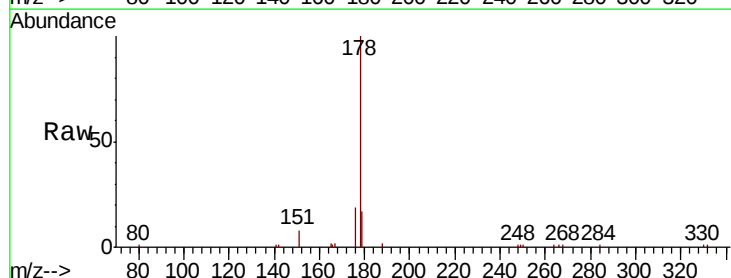
Tgt Ion:178 Resp: 6269

Ion Ratio Lower Upper

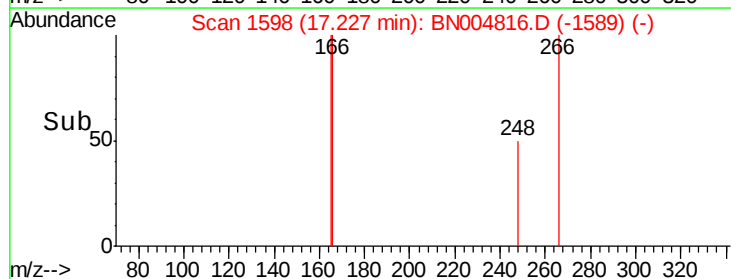
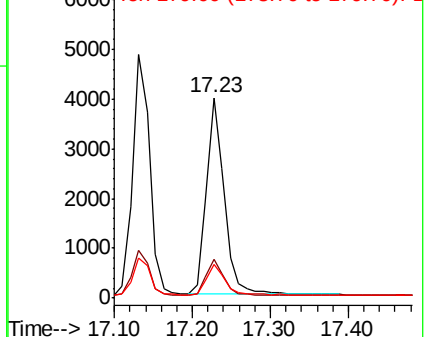
178 100

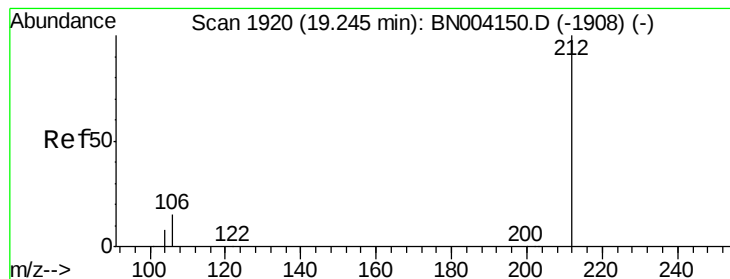
176 18.3 14.5 21.7

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: 0.231 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

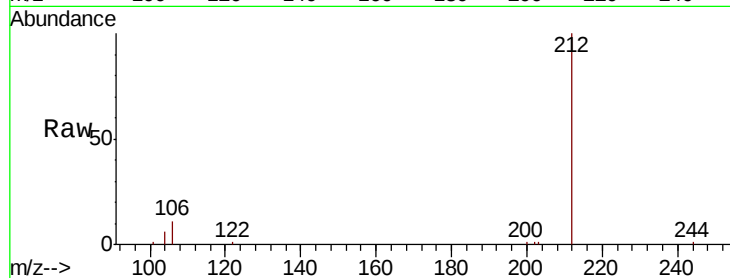
Tot Ion:212 Resp: 7539

Ion Ratio Lower Upper

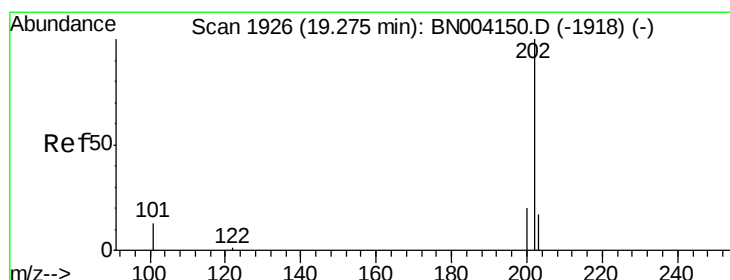
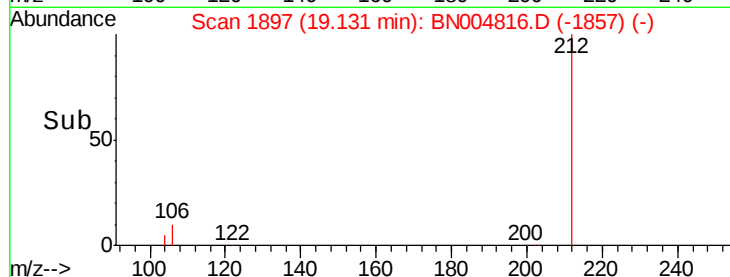
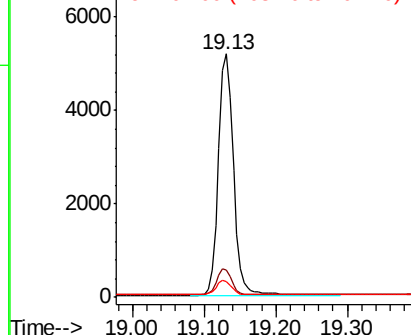
212 100

106 10.8 8.6 13.0

104 6.0 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: 0.261 ng

RT: 19.16 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

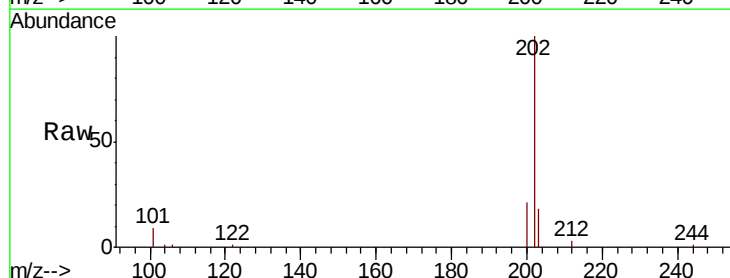
Tgt Ion:202 Resp: 9268

Ion Ratio Lower Upper

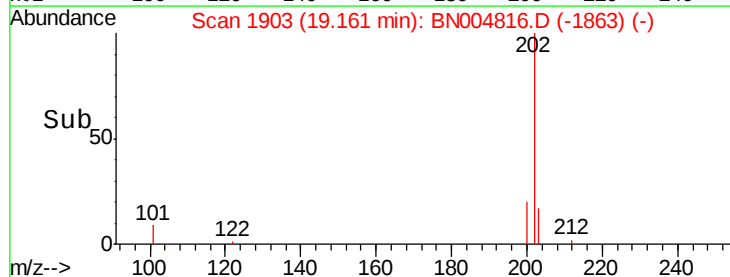
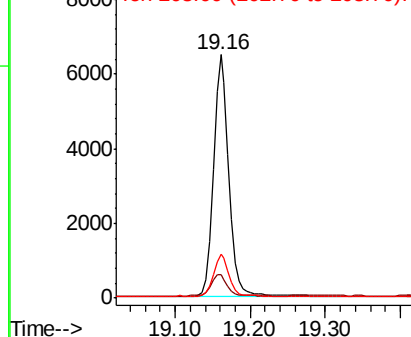
202 100

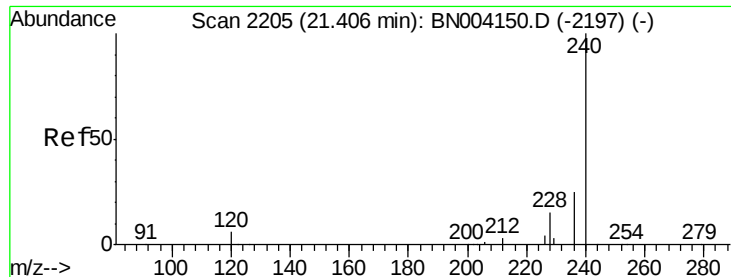
101 9.1 7.5 11.3

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: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

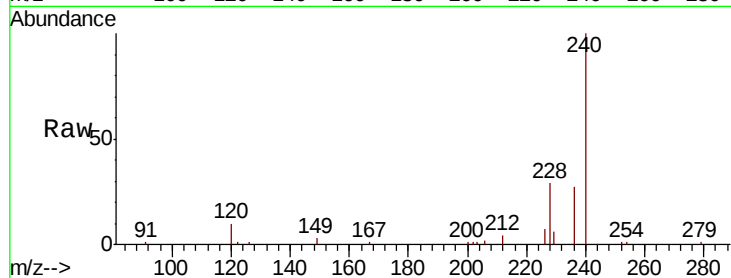
Tot Ion:240 Resp: 15004

Ion Ratio Lower Upper

240 100

120 9.9 7.2 10.8

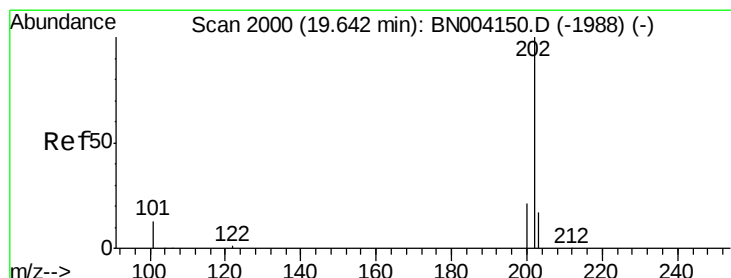
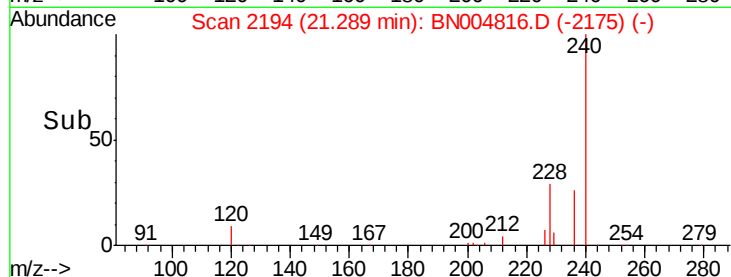
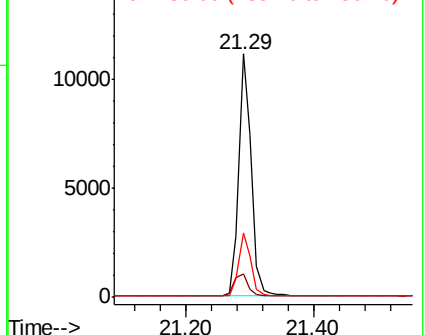
236 26.7 20.9 31.3



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: 0.205 ng

RT: 19.53 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

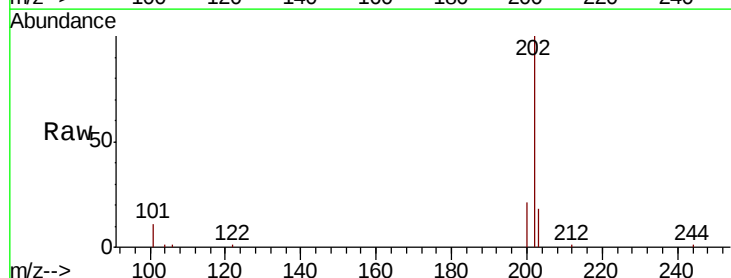
Tgt Ion:202 Resp: 9643

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

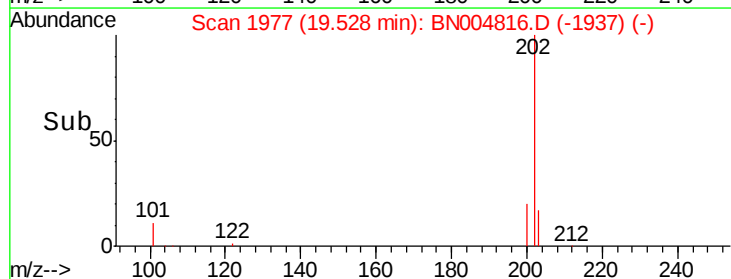
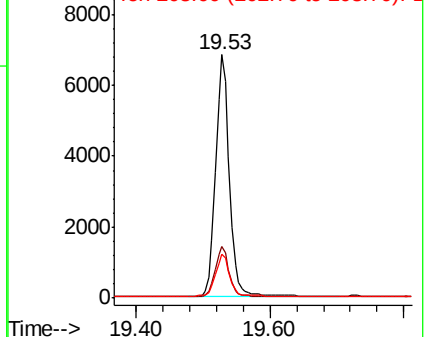
203 17.6 14.0 21.0

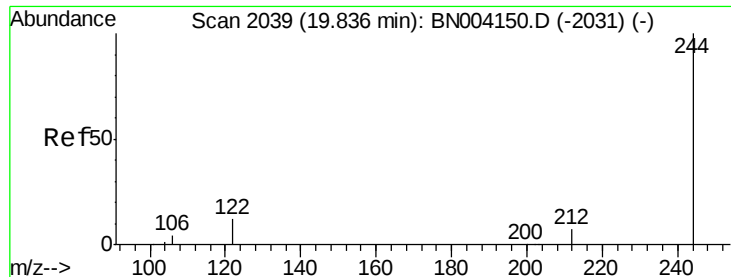


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.173 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

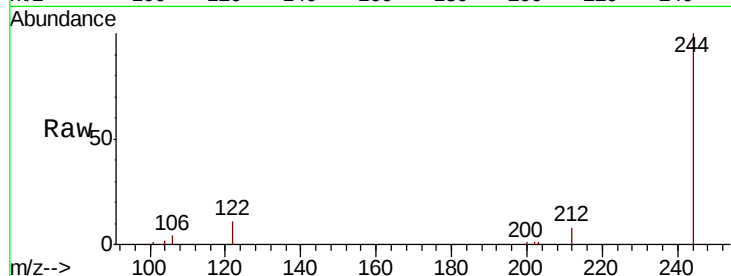
Tot Ion:244 Resp: 6439

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

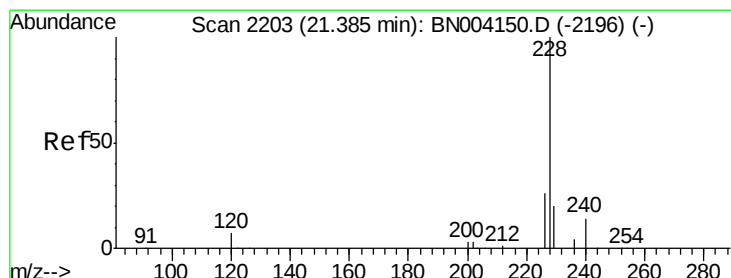
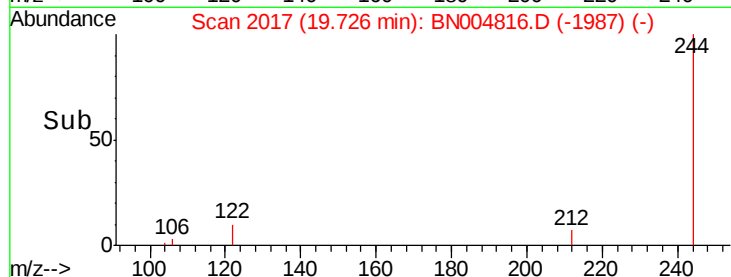
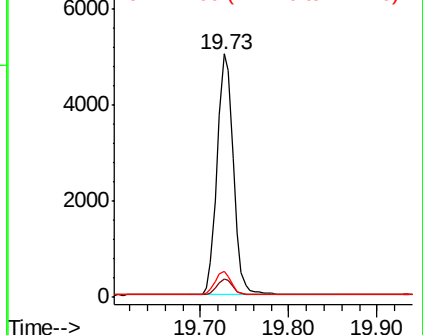
122 10.7 7.9 11.9



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: 0.239 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

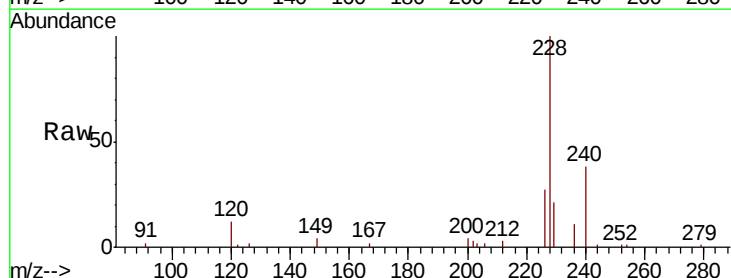
Tgt Ion:228 Resp: 9967

Ion Ratio Lower Upper

228 100

226 26.9 20.6 31.0

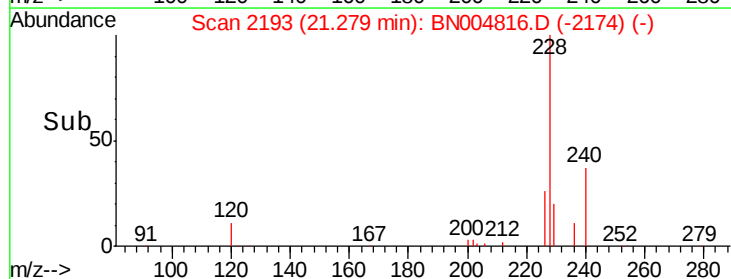
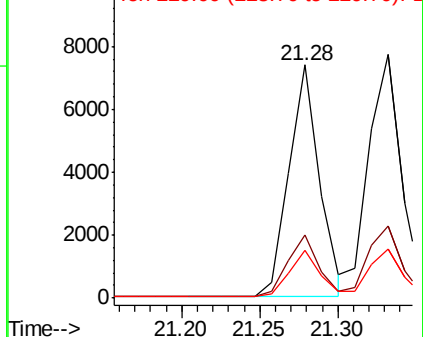
229 20.5 16.2 24.4

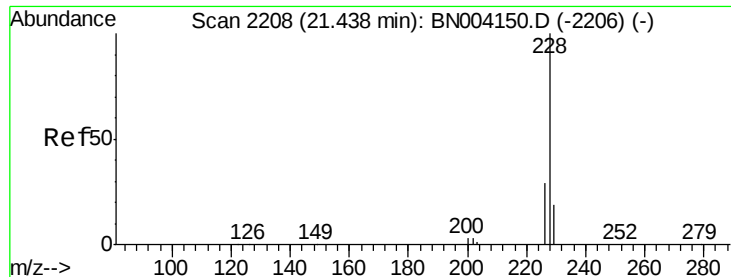


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.263 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

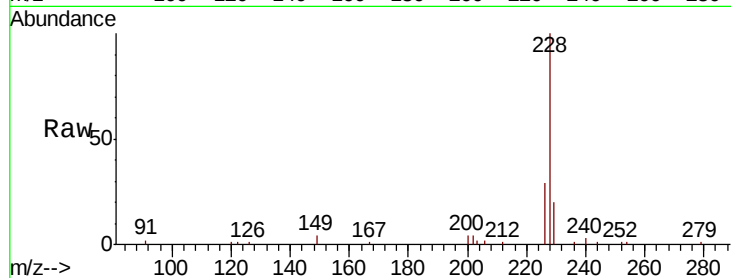
Tot Ion:228 Resp: 11185

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.6

229 20.3 16.2 24.2

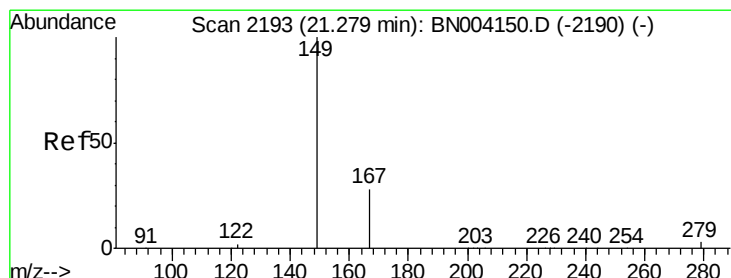
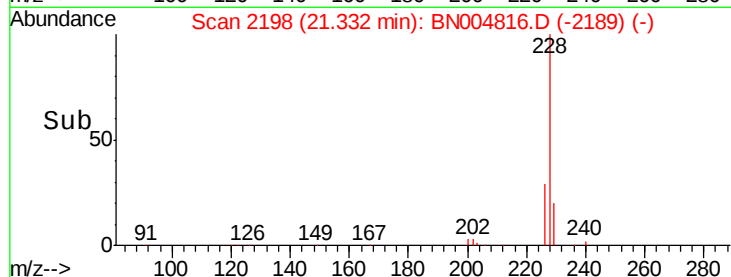
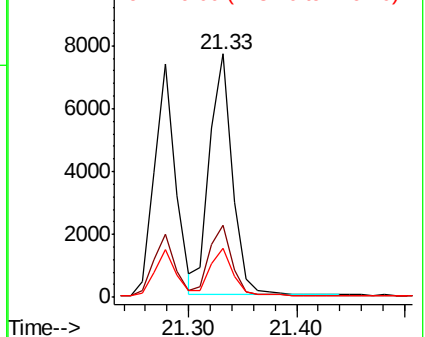


Abundance

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: 0.165 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

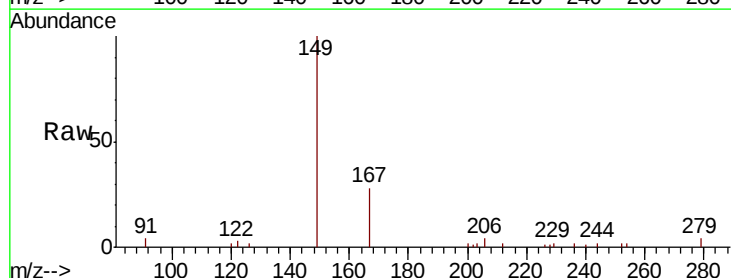
Tgt Ion:149 Resp: 4221

Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.4

279 5.7 4.6 6.8

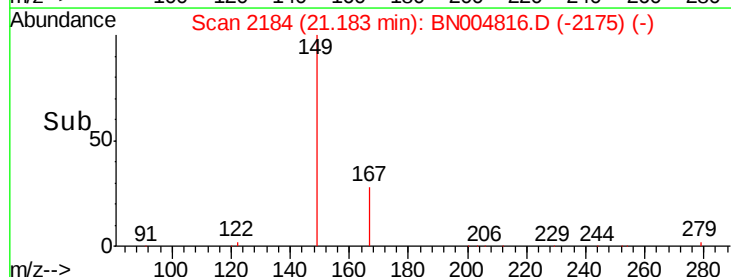
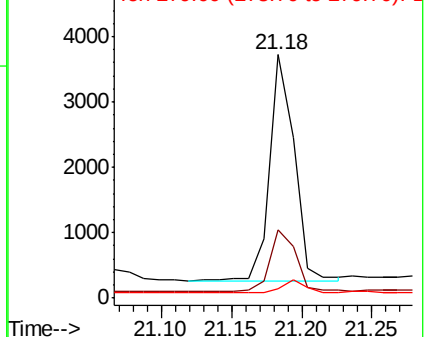


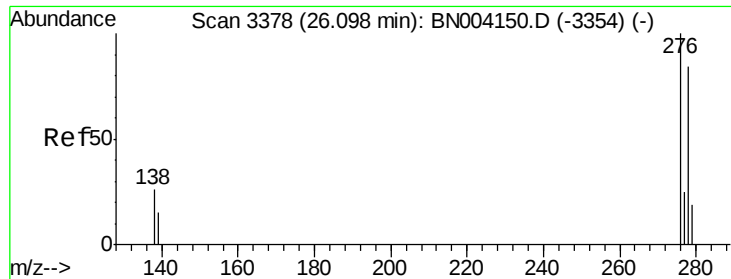
Abundance

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: 0.346 ng

RT: 25.82 min Scan# 3297

Delta R.T. 0.01 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

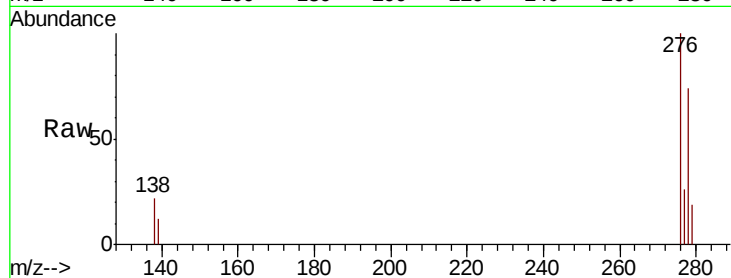
Tot Ion:276 Resp: 15705

Ion Ratio Lower Upper

276 100

138 20.9 16.6 24.8

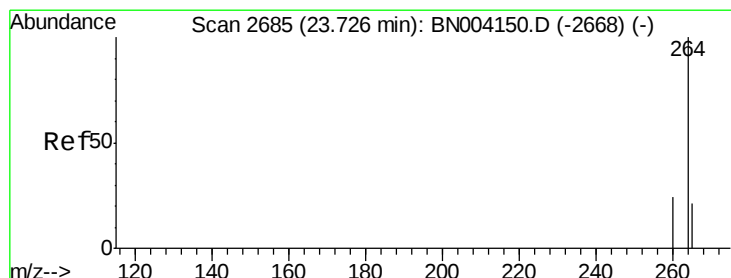
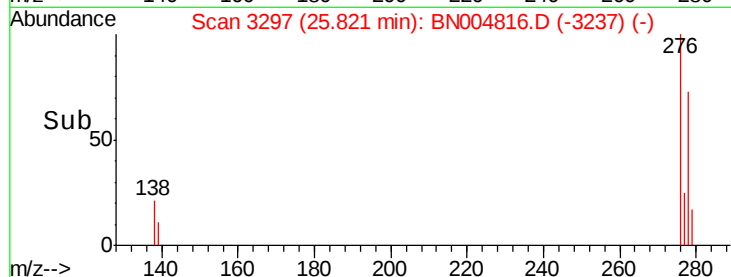
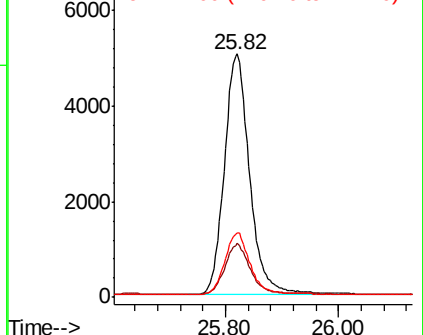
277 25.4 20.3 30.5



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: 23.55 min Scan# 2633

Delta R.T. -0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

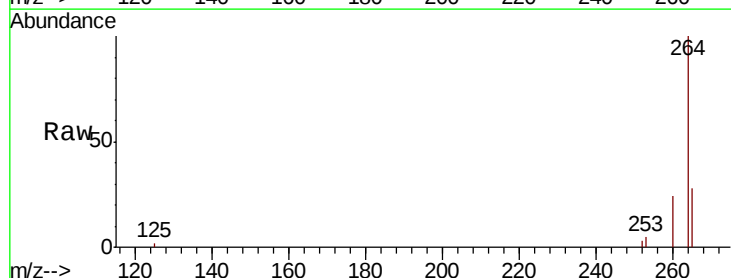
Tgt Ion:264 Resp: 16660

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

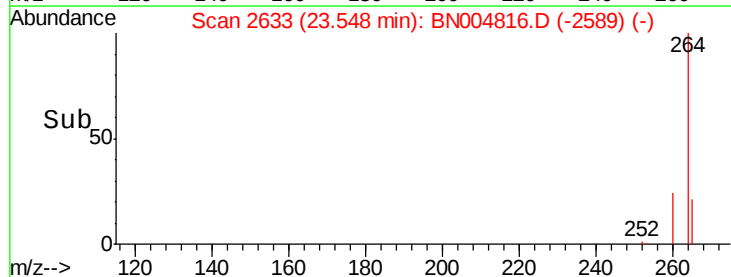
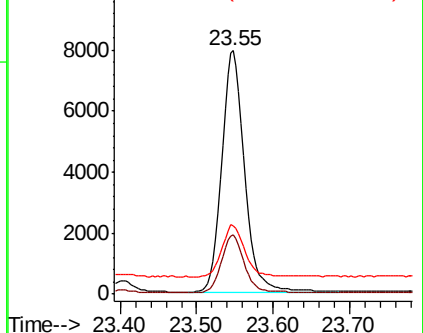
265 28.3 23.1 34.7

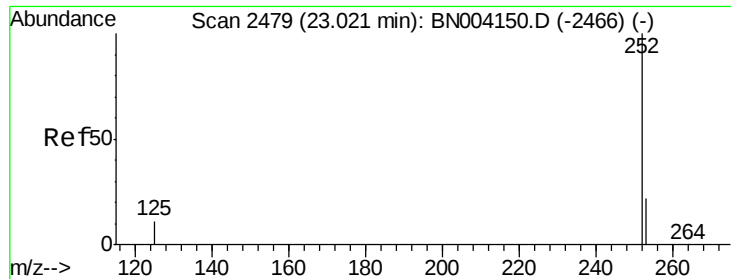


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.254 ng

RT: 22.87 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

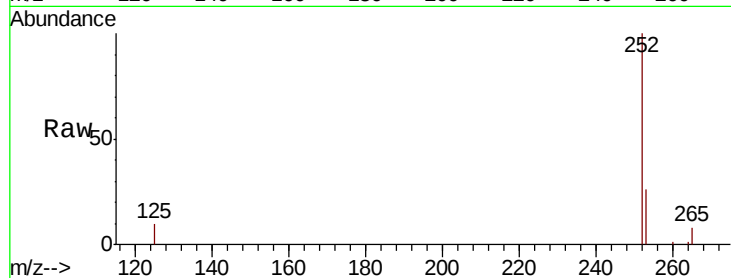
Tot Ion:252 Resp: 12182

Ion Ratio Lower Upper

252 100

253 25.7 19.0 28.4

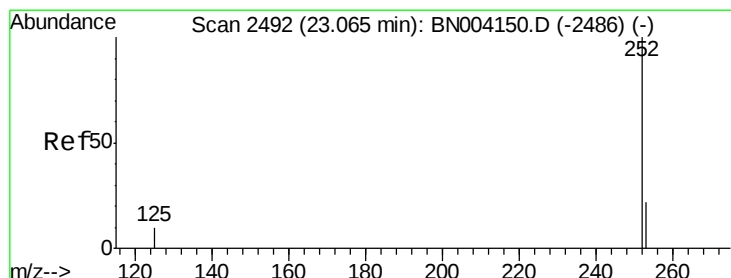
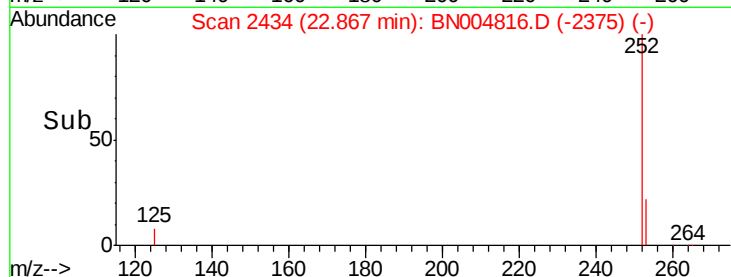
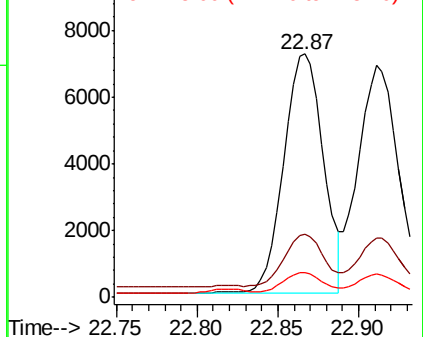
125 10.0 7.4 11.2



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: 0.233 ng

RT: 22.91 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

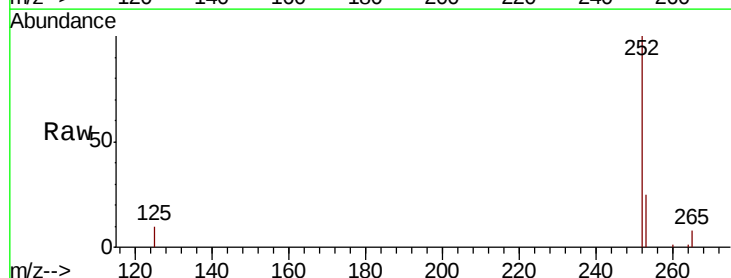
Tgt Ion:252 Resp: 11751

Ion Ratio Lower Upper

252 100

253 25.4 19.3 28.9

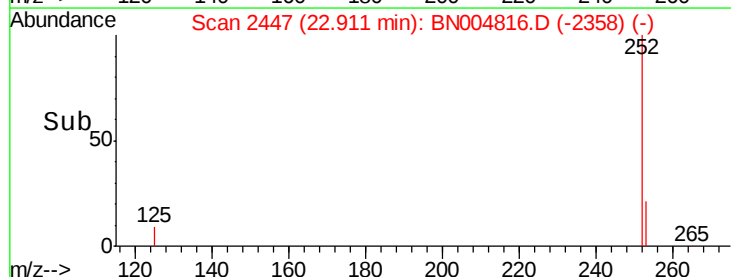
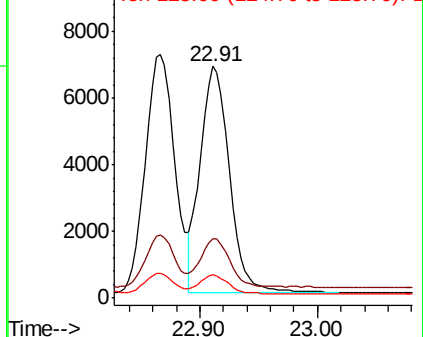
125 10.2 7.4 11.0

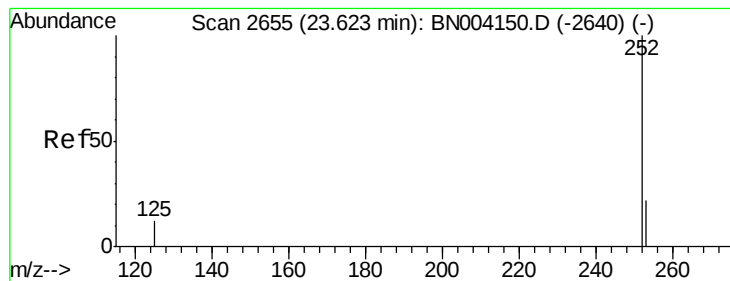


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.246 ng

RT: 23.45 min Scan# 2604

Delta R.T. 0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

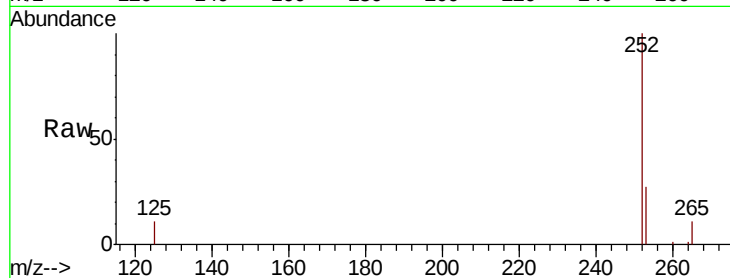
Tot Ion:252 Resp: 11170

Ion Ratio Lower Upper

252 100

253 27.0 19.7 29.5

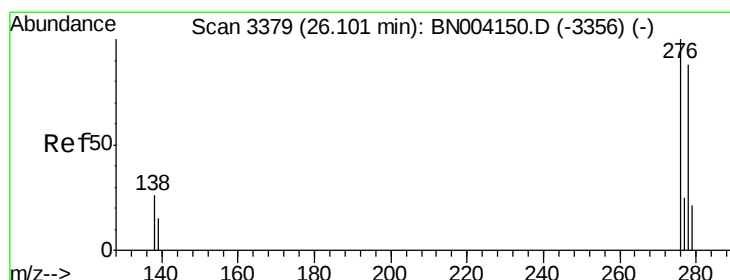
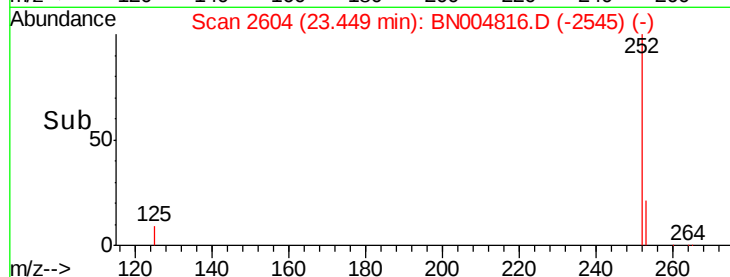
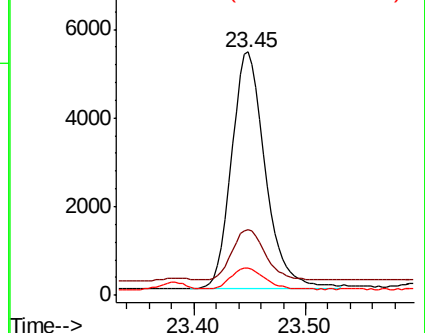
125 11.4 8.3 12.5



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: 0.284 ng

RT: 25.83 min Scan# 3299

Delta R.T. 0.00 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

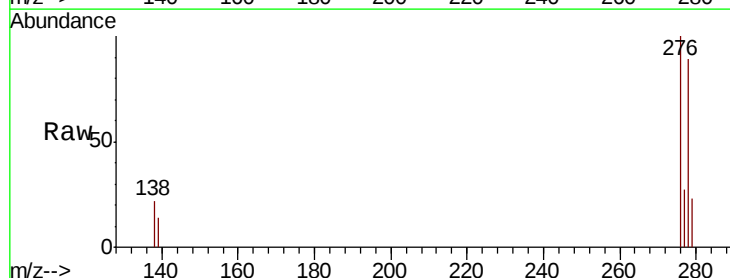
Tgt Ion:278 Resp: 12904

Ion Ratio Lower Upper

278 100

139 15.7 11.7 17.5

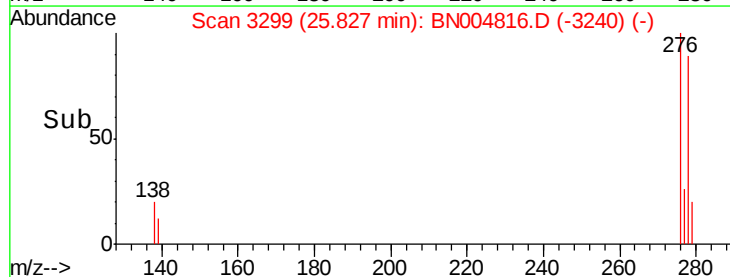
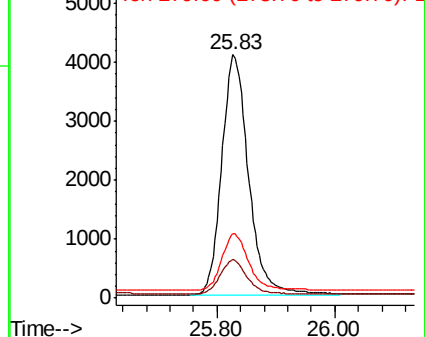
279 26.2 19.9 29.9

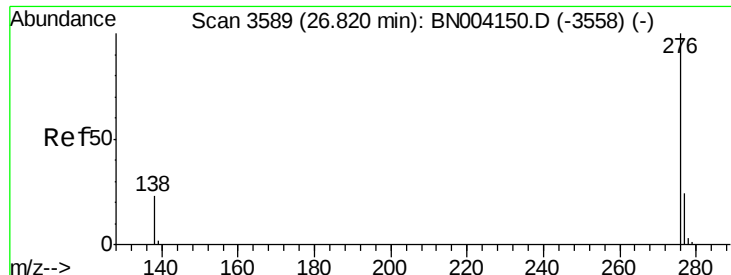


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.298 ng

RT: 26.53 min Scan# 3503

Delta R.T. 0.01 min

Lab File: BN004816.D

Acq: 20 Mar 2019 11:44

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

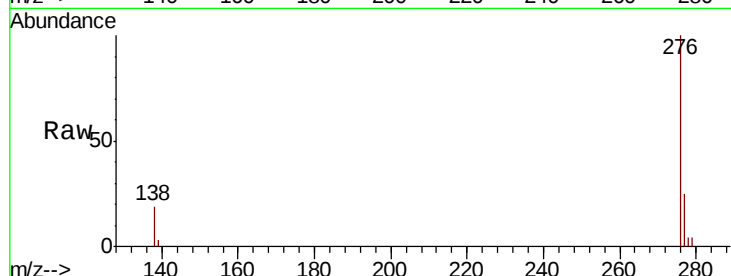
Tot Ion: 276 Resp: 13389

Ion Ratio Lower Upper

276 100

277 25.1 19.7 29.5

138 19.2 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

