

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122018\
 Data File : BN004149.D
 Acq On : 20 Dec 2018 14:27
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 16:28:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN122018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 20 16:25:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1839	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	9973	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	6235	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	15751	0.40	ng	0.00
27) Chrysene-d12	21.40	240	16366	0.40	ng	-0.01
34) Perylene-d12	23.72	264	15398	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1270	0.28	ng	0.00
5) Phenol-d6	7.00	99	1604	0.28	ng	0.00
8) Nitrobenzene-d5	9.00	82	1268	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3441	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	769	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.08	172	5508	0.21	ng	0.00
25) Fluoranthene-d10	19.25	212	9407	0.21	ng	0.00
29) Terphenyl-d14	19.84	244	8451	0.22	ng	0.00

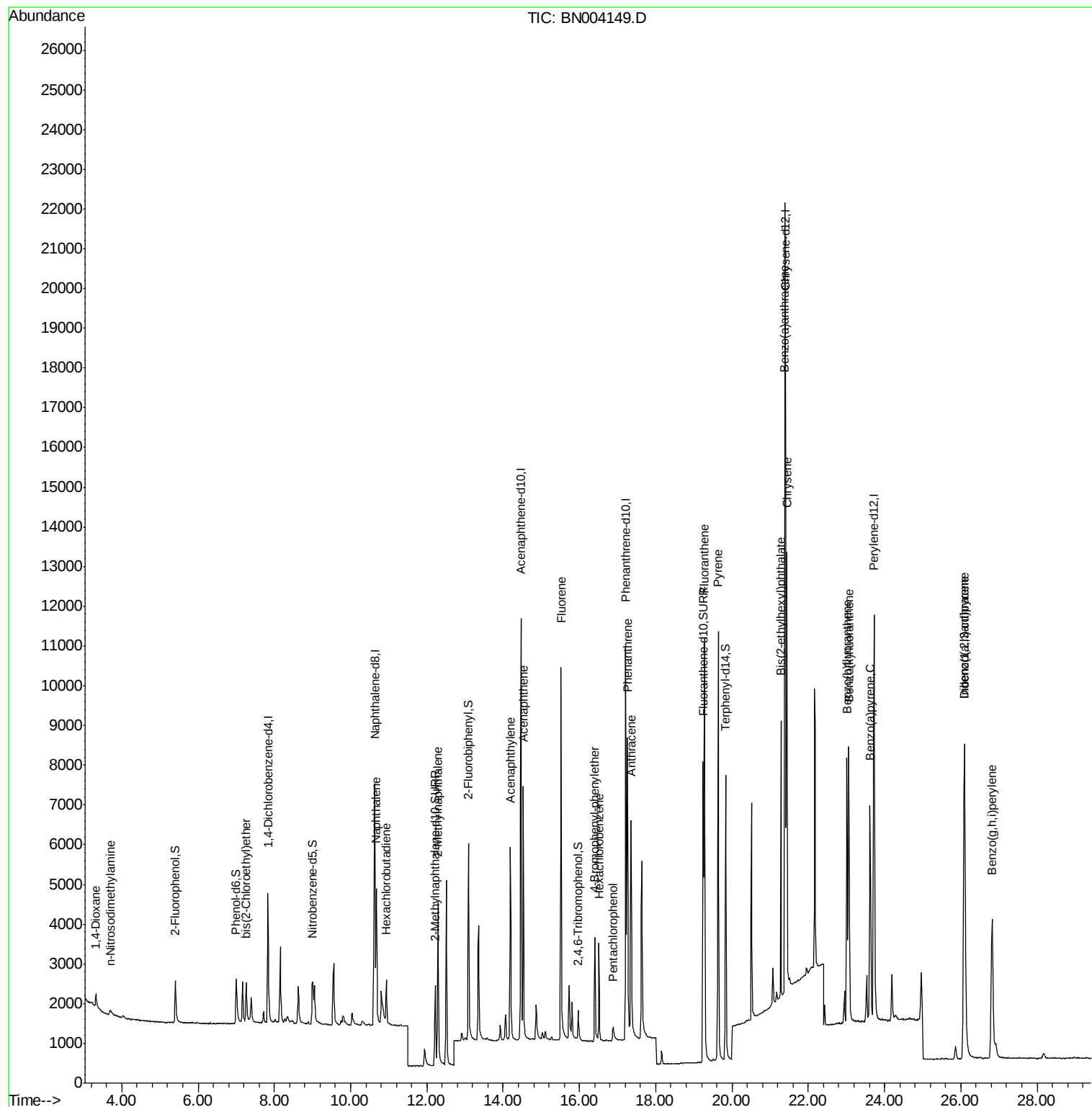
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	304	0.128	ng	88
3) n-Nitrosodimethylamine	3.71	42	158	0.144	ng	# 86
6) bis(2-Chloroethyl)ether	7.27	93	1087	0.212	ng	98
9) Naphthalene	10.67	128	5107	0.209	ng	95
10) Hexachlorobutadiene	10.93	225	881	0.198	ng	# 100
12) 2-Methylnaphthalene	12.29	142	3664	0.215	ng	99
16) Acenaphthylene	14.19	152	5870	0.211	ng	99
17) Acenaphthene	14.53	154	3985	0.207	ng	99
18) Fluorene	15.51	166	4965	0.206	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	1749	0.192	ng	# 72
21) Hexachlorobenzene	16.52	284	2071	0.215	ng	95
22) Pentachlorophenol	16.89	266	279	0.107	ng	91
23) Phenanthrene	17.26	178	8532	0.197	ng	100
24) Anthracene	17.35	178	7770	0.210	ng	100
26) Fluoranthene	19.27	202	10165	0.205	ng	99
28) Pyrene	19.64	202	10577	0.234	ng	99
30) Benzo(a)anthracene	21.39	228	9159	0.214	ng	99
31) Chrysene	21.44	228	9840	0.213	ng	98
32) Bis(2-ethylhexyl)phthalate	21.28	149	5743	0.452	ng	99
33) Indeno(1,2,3-cd)pyrene	26.09	276	10288	0.215	ng	100
35) Benzo(b)fluoranthene	23.02	252	8928	0.186	ng	96
36) Benzo(k)fluoranthene	23.07	252	9716	0.204	ng	# 93
37) Benzo(a)pyrene	23.62	252	8567	0.196	ng	94
38) Dibenzo(a,h)anthracene	26.10	278	8596	0.211	ng	# 91
39) Benzo(g,h,i)perylene	26.82	276	8613	0.211	ng	93

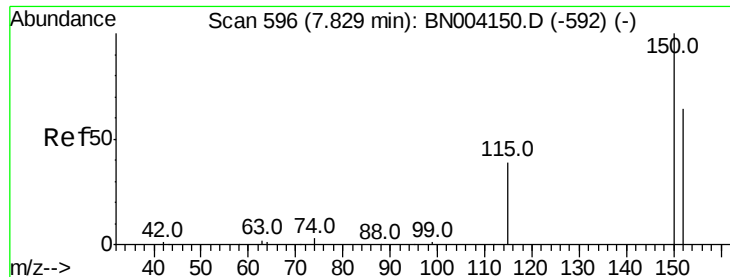
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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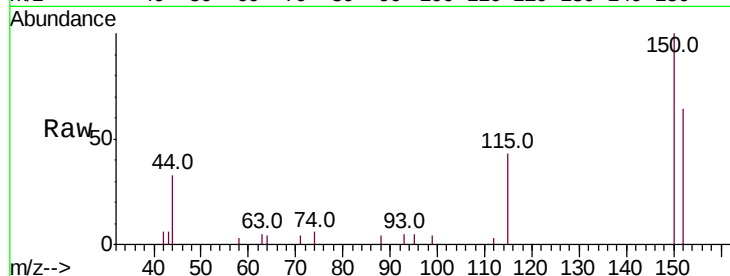


#1

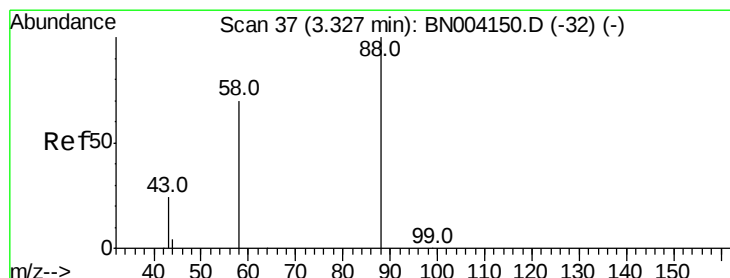
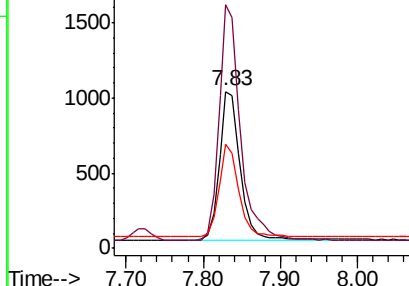
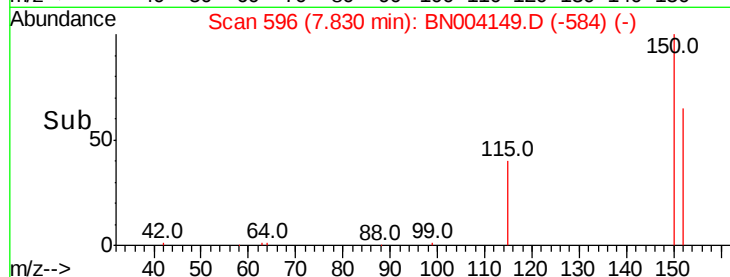
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 596
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1839
Ion Ratio Lower Upper
152 100
150 155.2 124.6 187.0
115 66.0 46.4 69.6



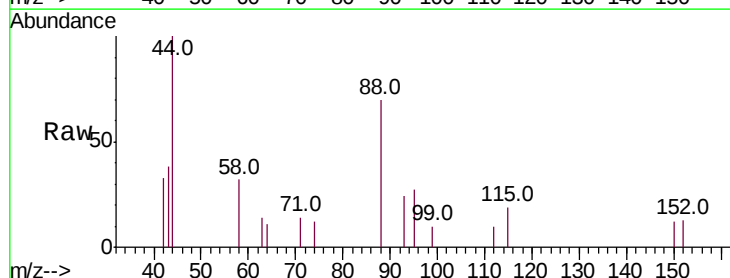
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



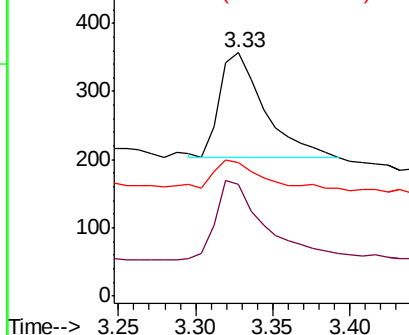
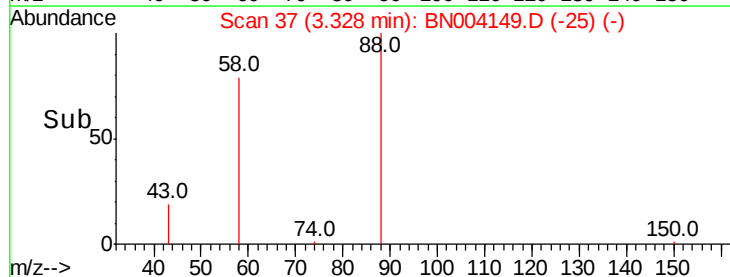
#2

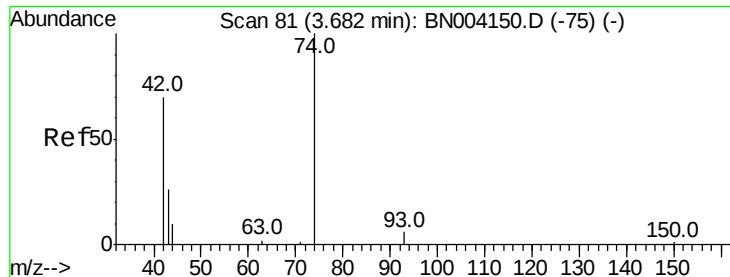
1,4-Dioxane
Concen: 0.128 ng
RT: 3.33 min Scan# 37
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion: 88 Resp: 304
Ion Ratio Lower Upper
88 100
58 87.8 60.9 91.3
43 25.7 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



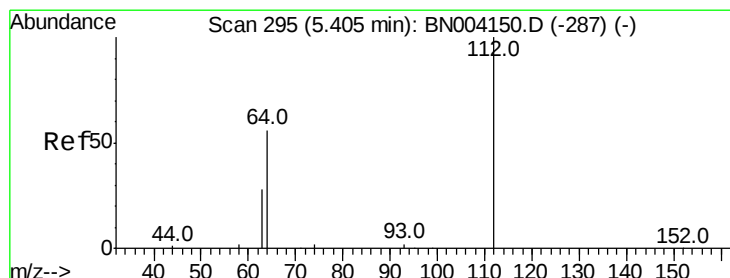
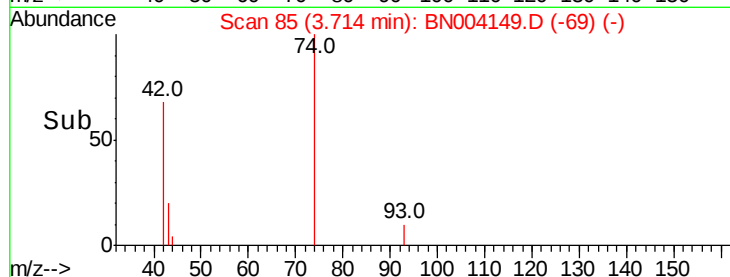
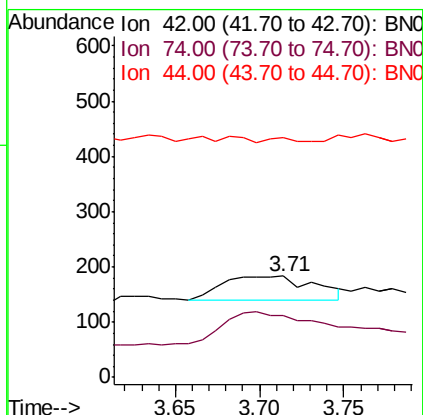
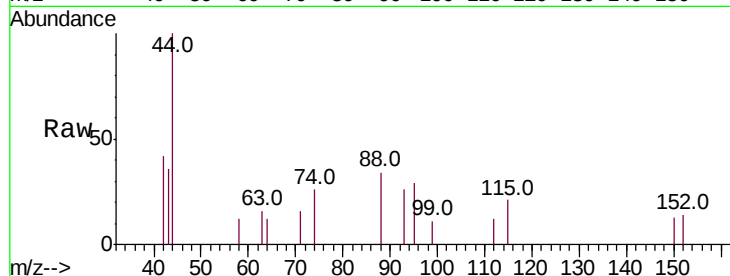


#3

n-Nitrosodimethylamine
 Concen: 0.144 ng
 RT: 3.71 min Scan# 85
 Delta R.T. 0.03 min
 Lab File: BN004149.D
 Acq: 20 Dec 2018 14:27

Instrument :
 BNA_N
 ClientSampled :

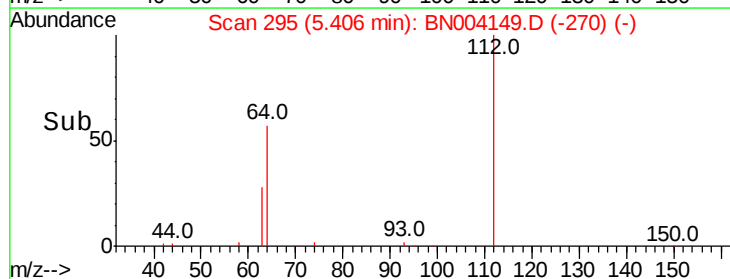
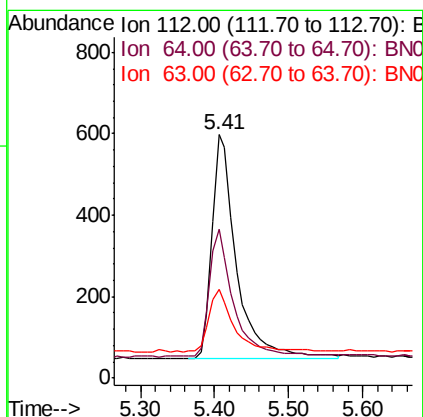
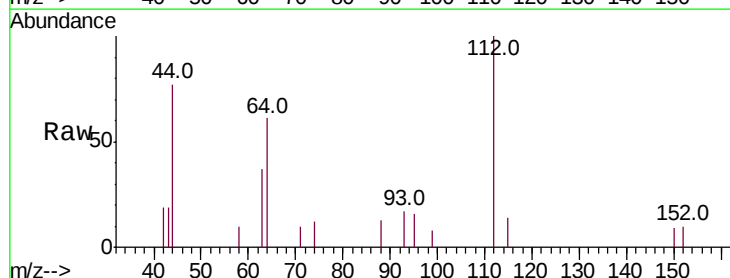
Tot Ion: 42 Resp: 158
 Ion Ratio Lower Upper
 42 100
 74 140.5 99.1 148.7
 44 7.6 4.2 6.4#

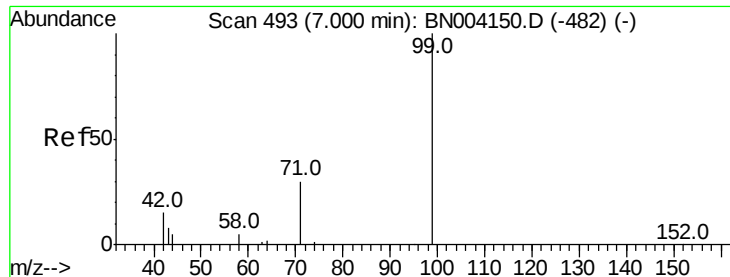


#4

2-Fluorophenol
 Concen: 0.279 ng
 RT: 5.41 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: BN004149.D
 Acq: 20 Dec 2018 14:27

Tgt Ion: 112 Resp: 1270
 Ion Ratio Lower Upper
 112 100
 64 56.9 44.3 66.5
 63 28.3 22.4 33.6





#5

Phenol-d6

Concen: 0.279 ng

RT: 7.00 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :

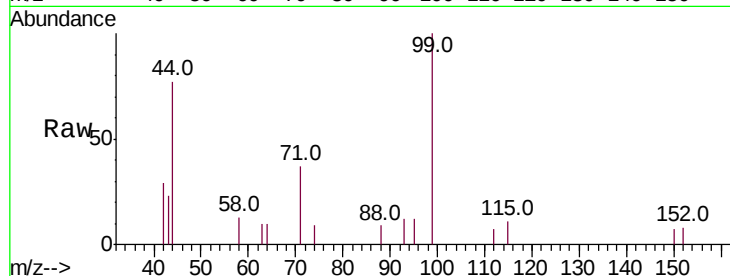
Tot Ion: 99 Resp: 1604

Ion Ratio Lower Upper

99 100

42 16.5 14.8 22.2

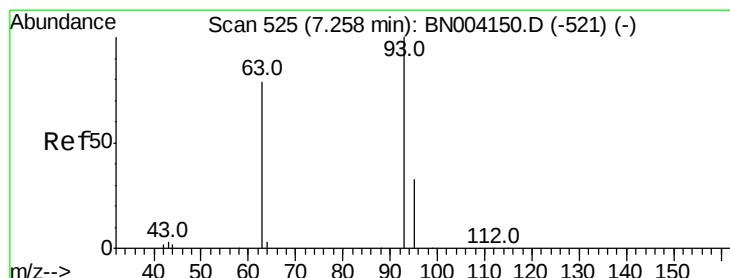
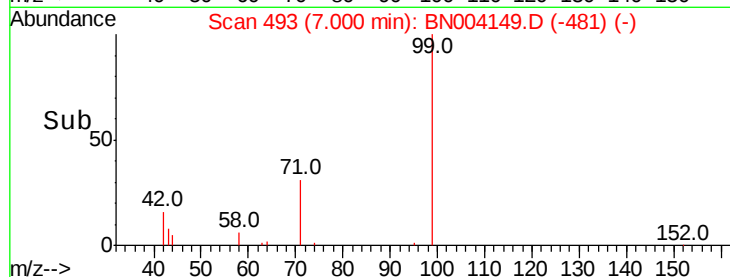
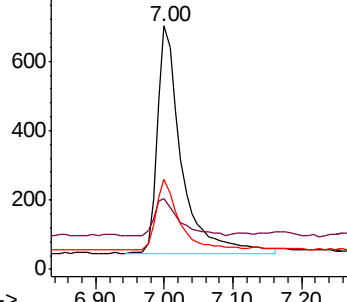
71 30.6 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN004149.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BN004149.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BN004149.D (-500) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.212 ng

RT: 7.27 min Scan# 526

Delta R.T. 0.01 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

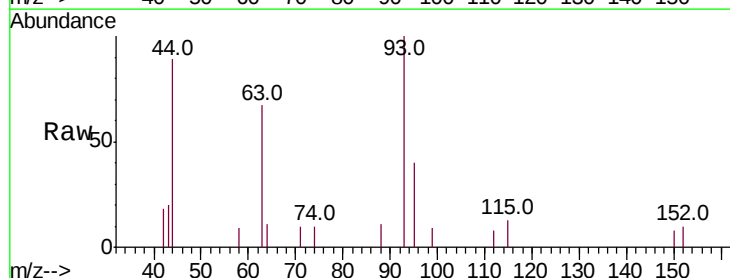
Tgt Ion: 93 Resp: 1087

Ion Ratio Lower Upper

93 100

63 71.9 55.8 83.6

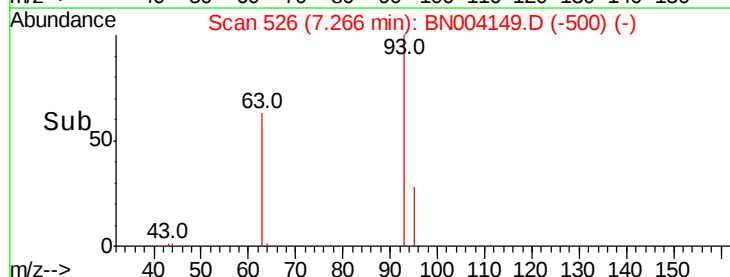
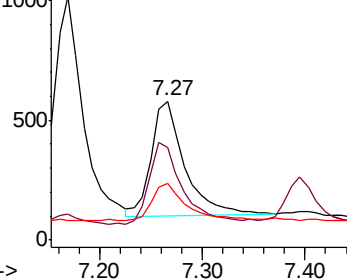
95 32.2 25.4 38.2

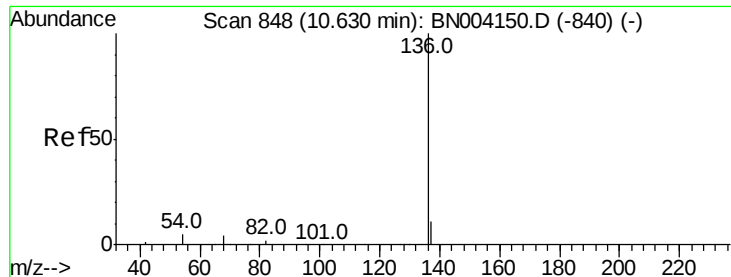


Abundance Ion 93.00 (92.70 to 93.70): BN004149.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN004149.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN004149.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 9973

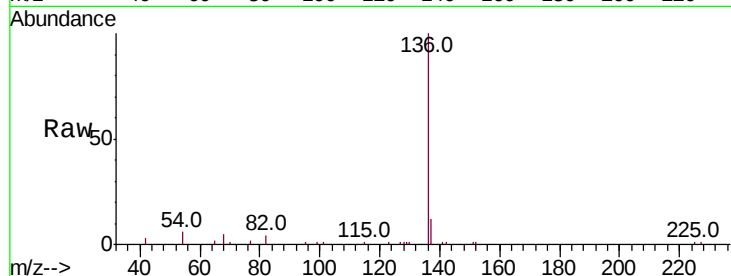
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.4

54 6.1 4.1 6.1#

68 5.5 3.5 5.3#

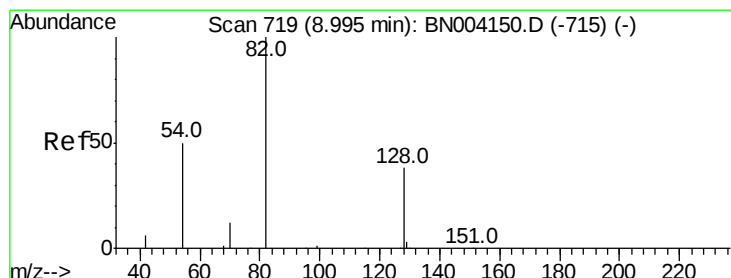
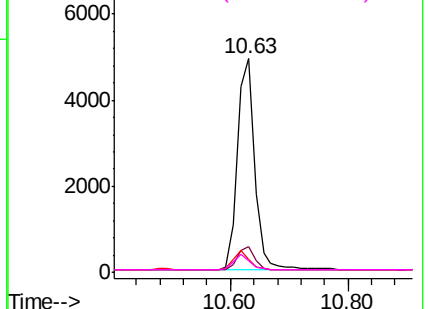
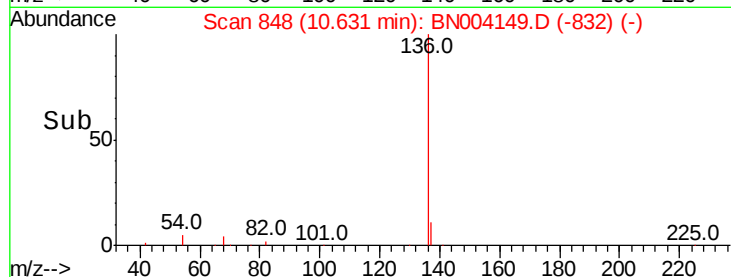


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.290 ng

RT: 9.00 min Scan# 719

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

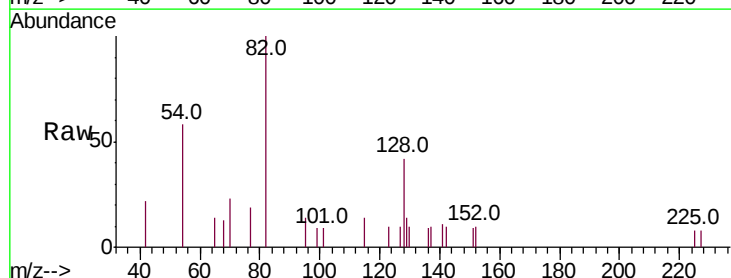
Tgt Ion: 82 Resp: 1268

Ion Ratio Lower Upper

82 100

128 42.1 28.9 43.3

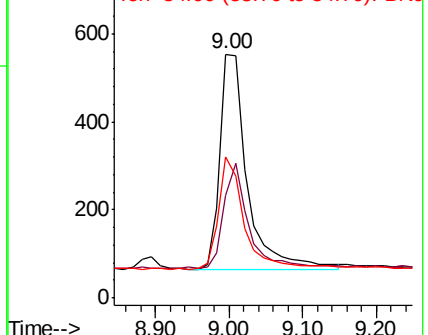
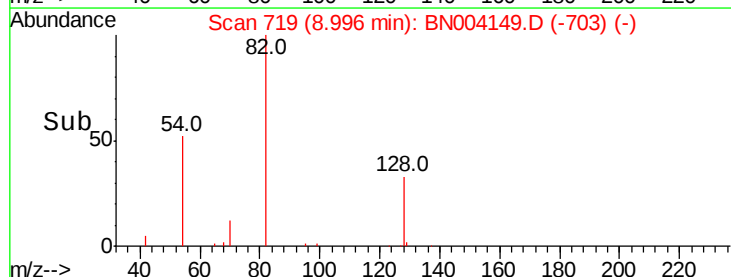
54 58.0 46.1 69.1

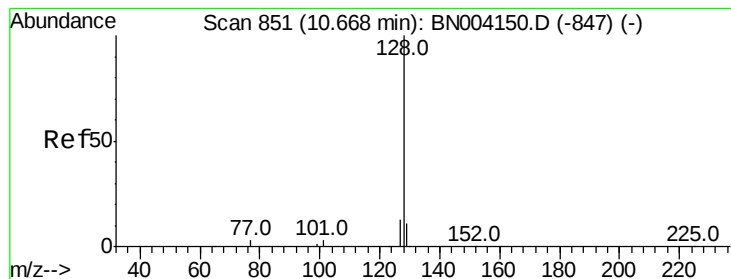


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.209 ng

RT: 10.67 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :

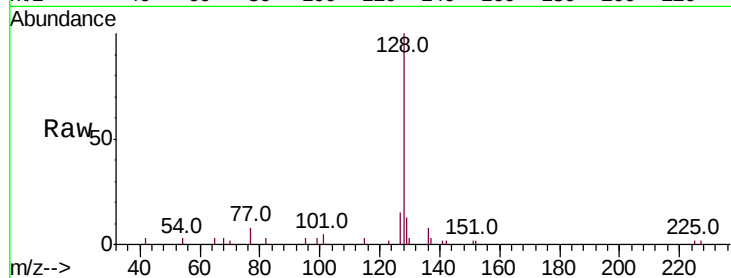
Tot Ion:128 Resp: 5107

Ion Ratio Lower Upper

128 100

129 13.1 9.1 13.7

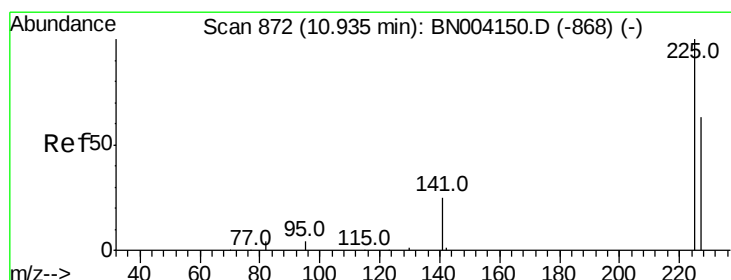
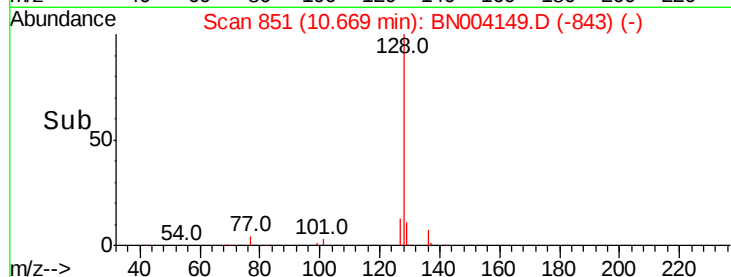
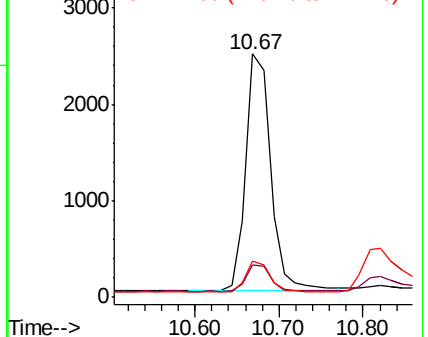
127 15.1 10.2 15.4



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: 0.198 ng

RT: 10.93 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

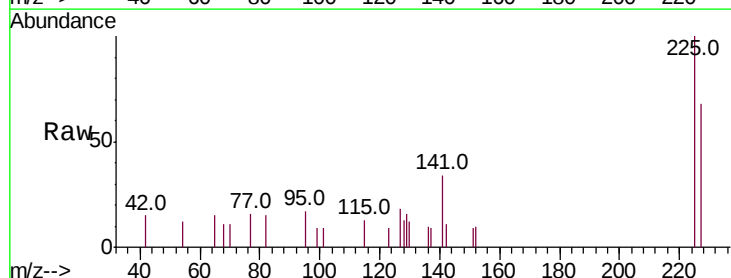
Tgt Ion:225 Resp: 881

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

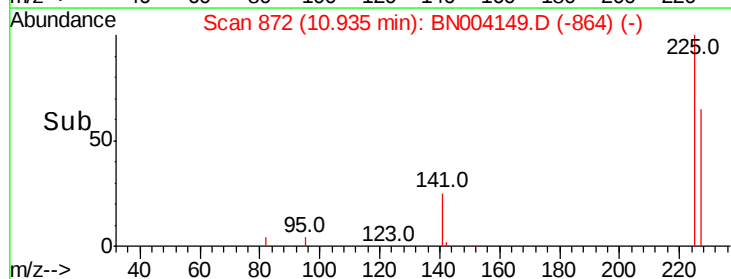
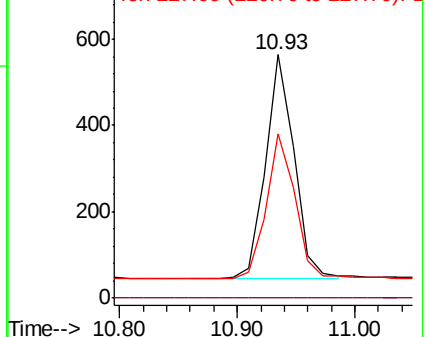
227 64.4 51.3 76.9

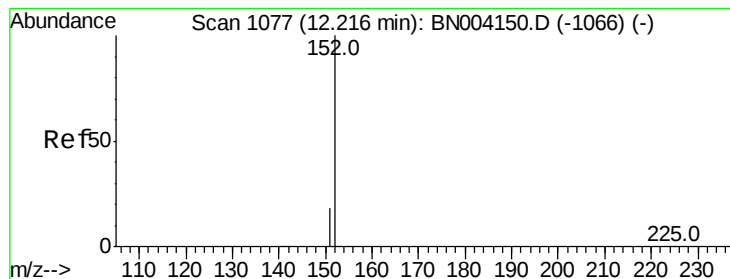


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.212 ng

RT: 12.22 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

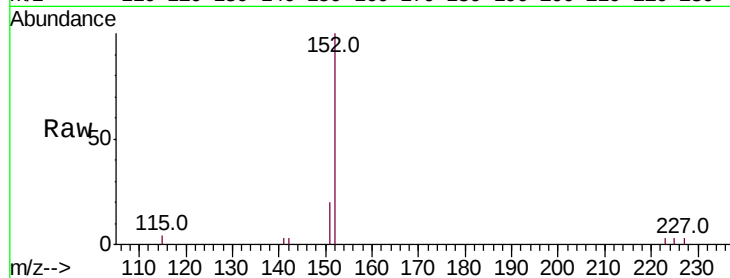
ClientSampleId :

Tot Ion:152 Resp: 3441

Ion Ratio Lower Upper

152 100

151 18.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

1500

1000

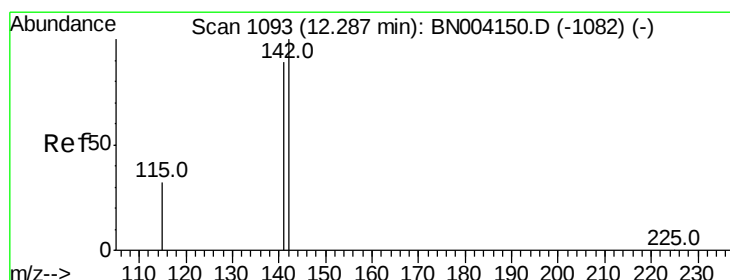
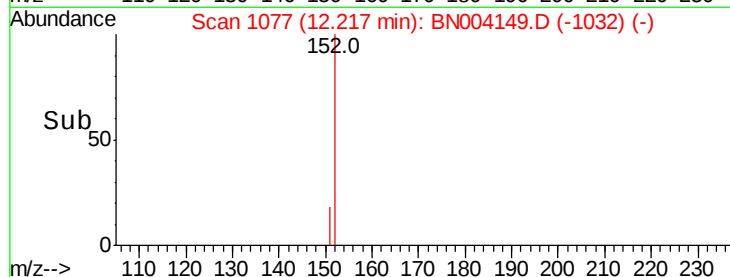
500

0

Time-->

12.20

12.40



#12

2-Methylnaphthalene

Concen: 0.215 ng

RT: 12.29 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

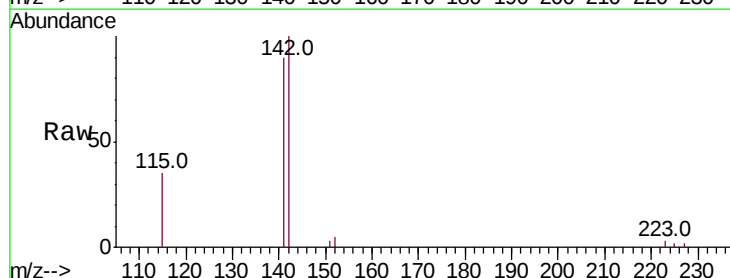
Tgt Ion:142 Resp: 3664

Ion Ratio Lower Upper

142 100

141 89.7 71.9 107.9

115 34.7 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.29

2500

2000

1500

1000

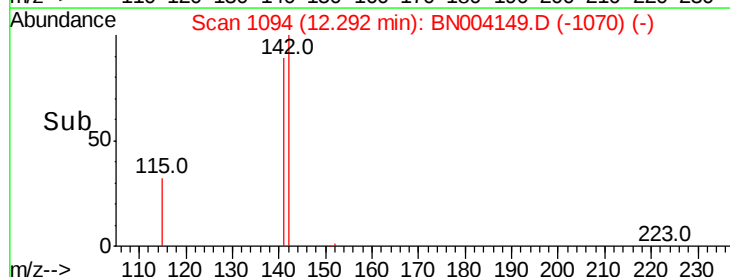
500

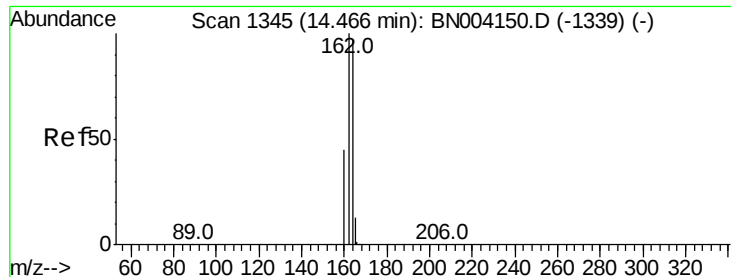
0

Time-->

12.20

12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :

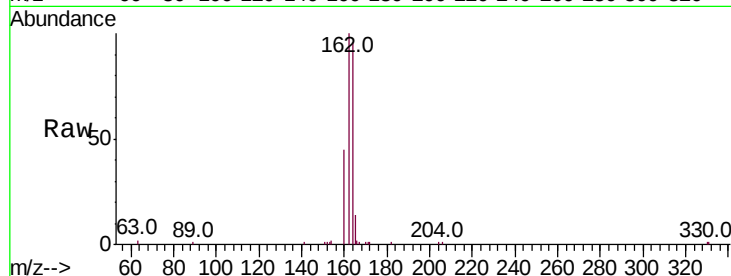
Tot Ion:164 Resp: 6235

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.6

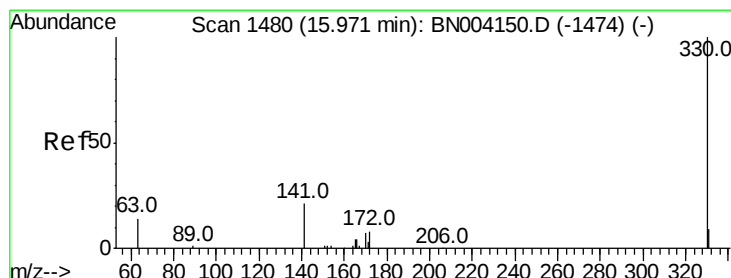
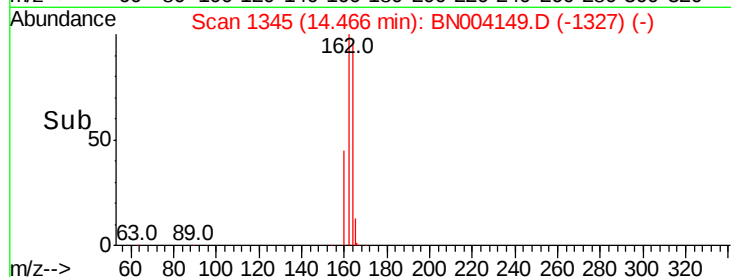
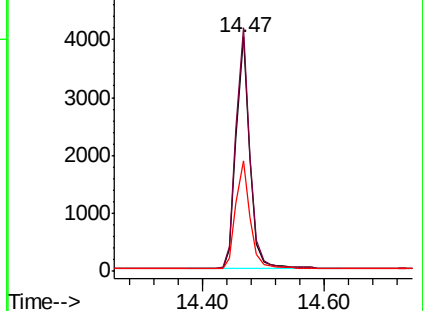
160 47.0 37.2 55.8



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: 0.310 ng

RT: 15.97 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

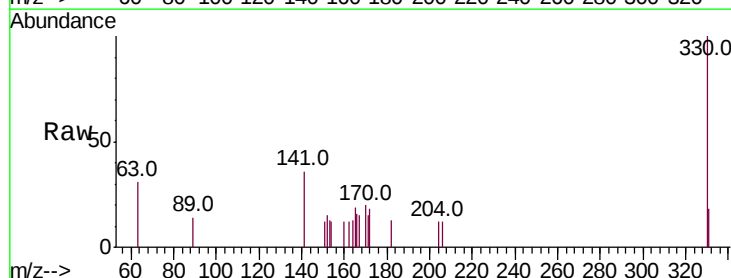
Tgt Ion:330 Resp: 769

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

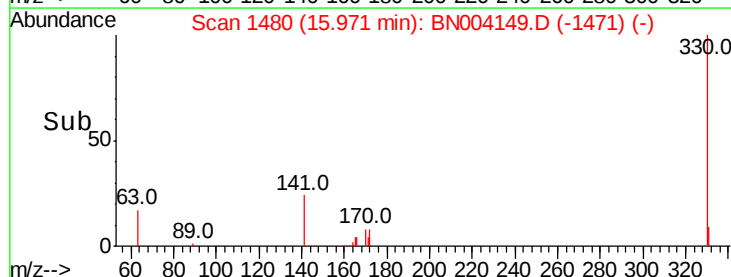
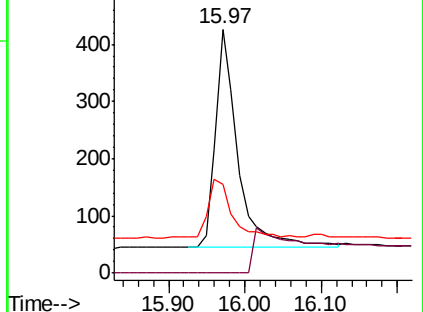
141 29.0 28.3 42.5

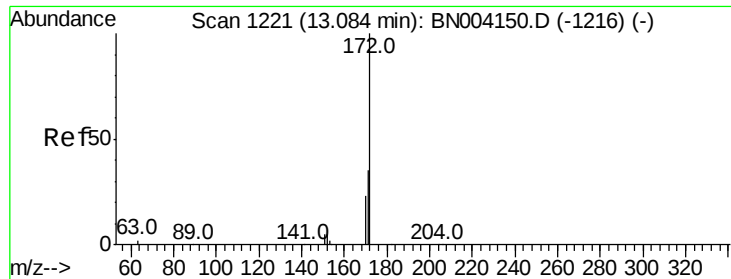


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

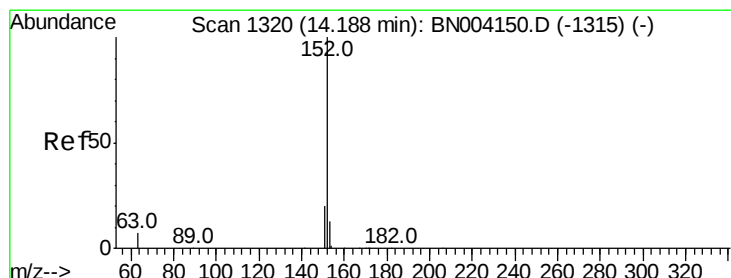
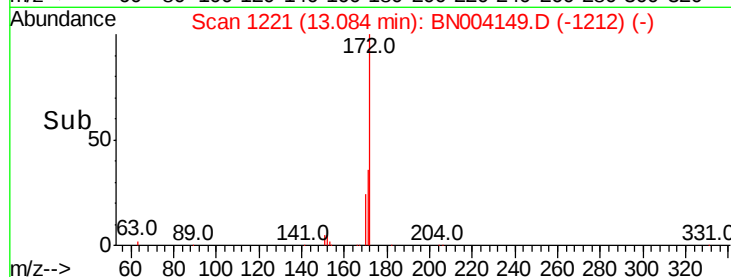
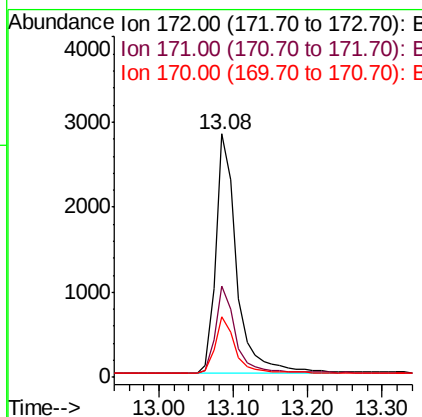
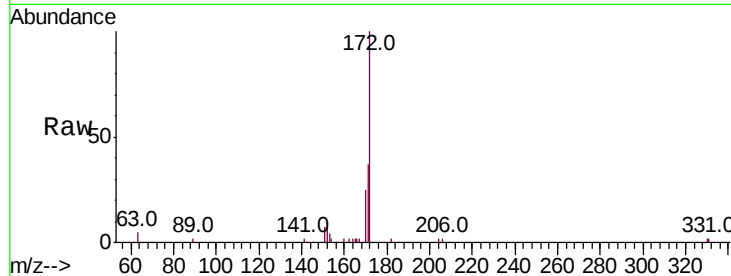




#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 13.08 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

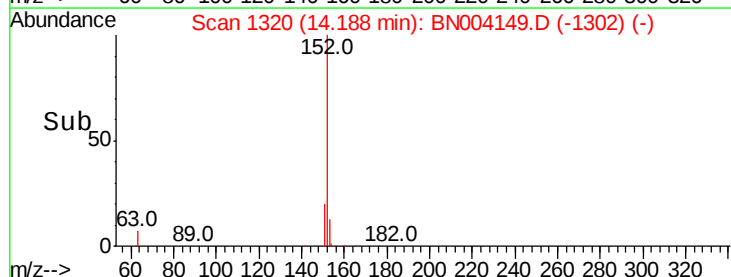
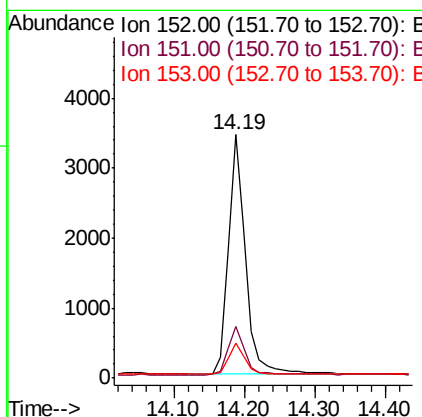
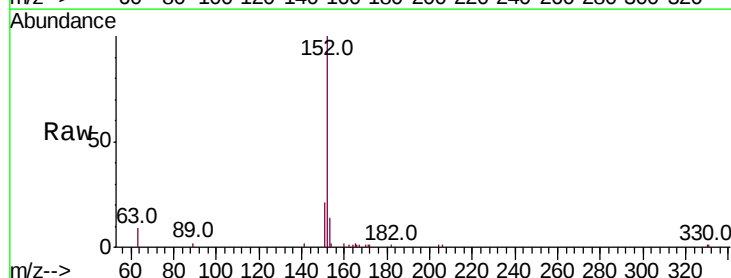
Instrument :
BNA_N
ClientSampleId :

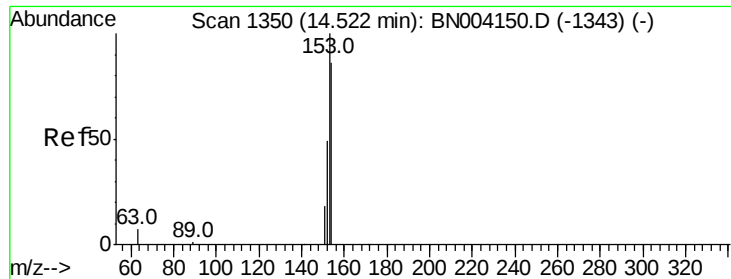
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	27.1	40.7
170	25.0	17.4	26.0



#16
Acenaphthylene
Concen: 0.211 ng
RT: 14.19 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.6	15.8





#17

Acenaphthene

Concen: 0.207 ng

RT: 14.53 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :

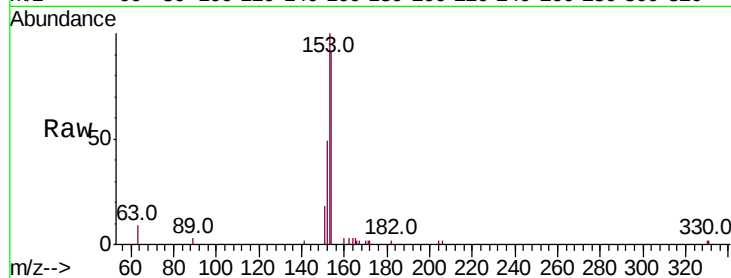
Tot Ion:154 Resp: 3985

Ion Ratio Lower Upper

154 100

153 112.3 88.9 133.3

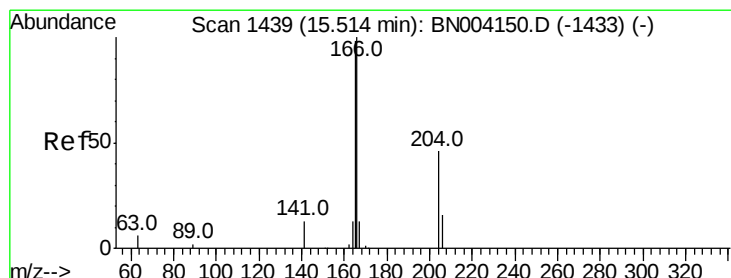
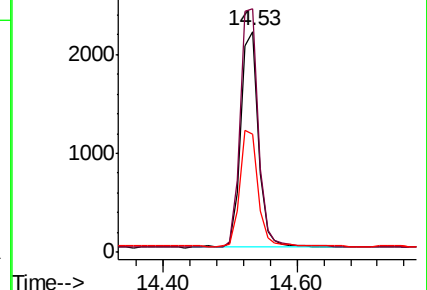
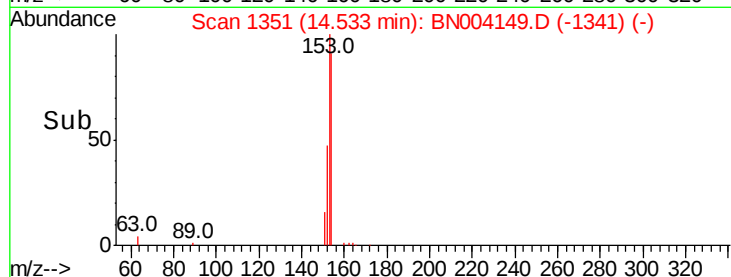
152 54.8 43.5 65.3



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: 0.206 ng

RT: 15.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

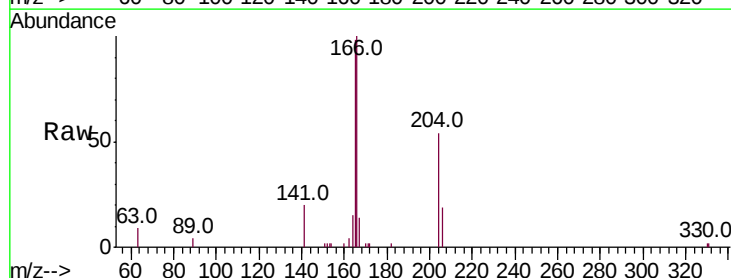
Tgt Ion:166 Resp: 4965

Ion Ratio Lower Upper

166 100

165 97.1 77.8 116.8

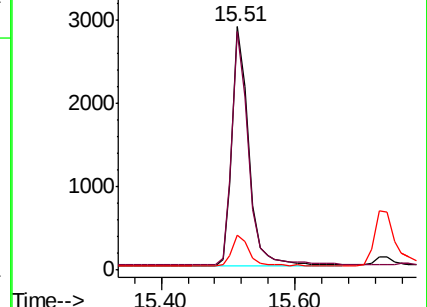
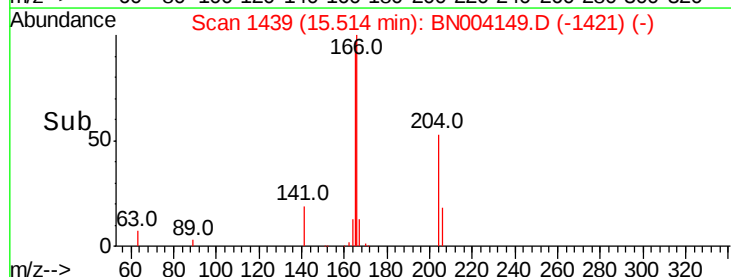
167 13.4 10.9 16.3

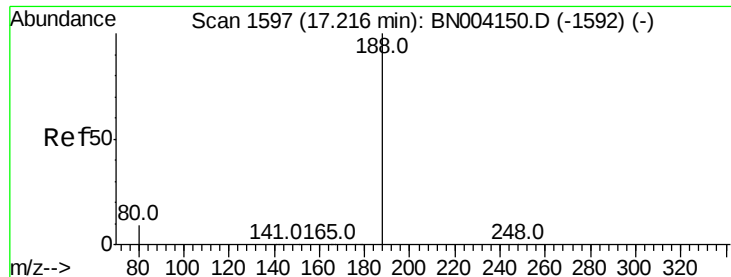


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.22 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :

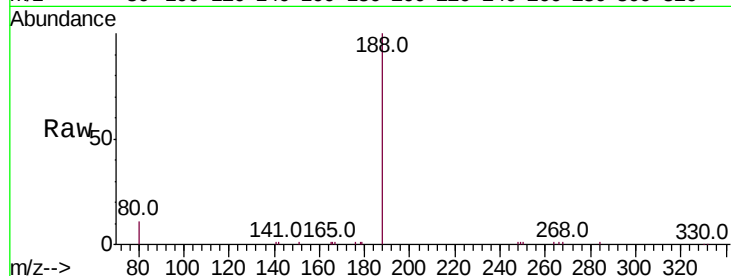
Tot Ion:188 Resp: 15751

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

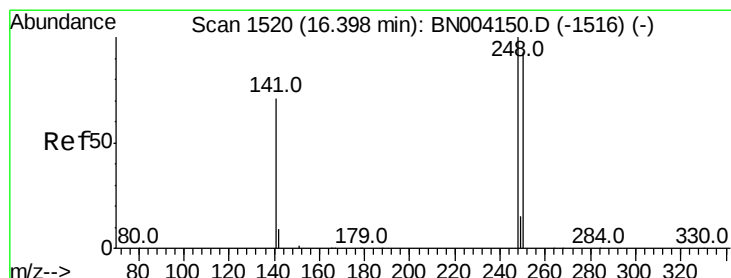
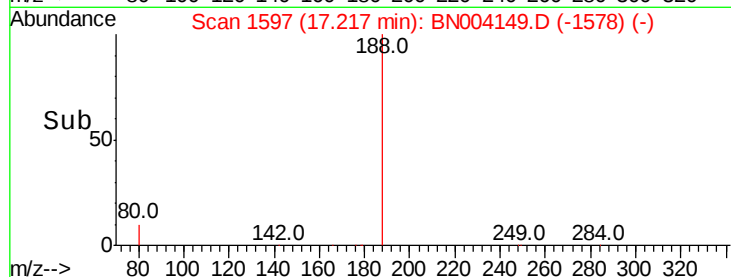
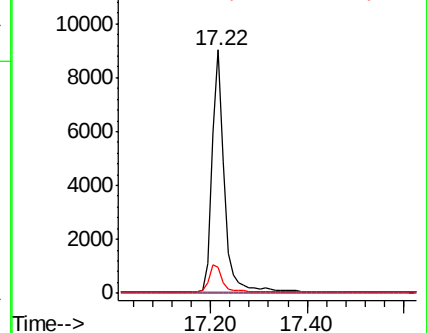
80 10.7 8.6 12.8



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: 0.192 ng

RT: 16.40 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

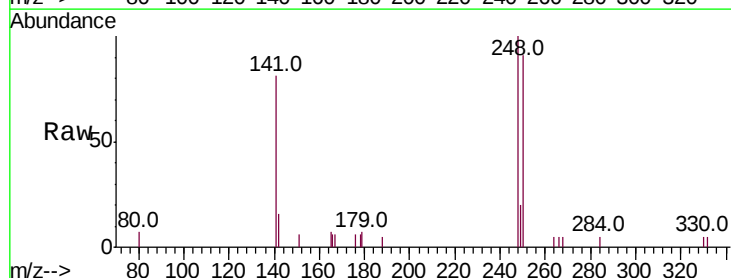
Tgt Ion:248 Resp: 1749

Ion Ratio Lower Upper

248 100

250 90.9 83.7 125.5

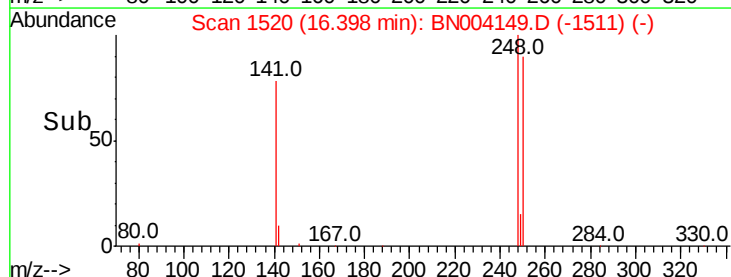
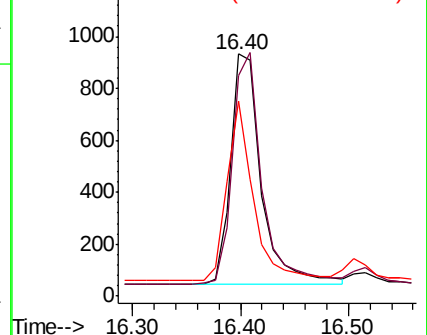
141 80.7 31.4 47.0#

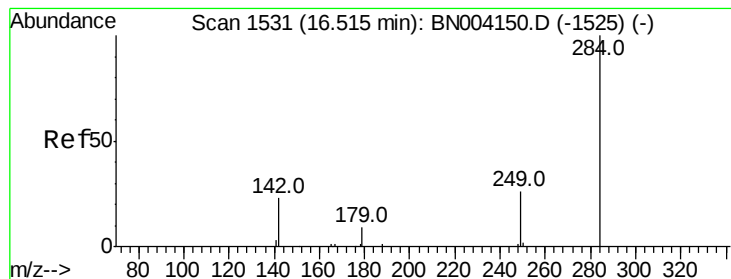


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.215 ng

RT: 16.52 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :

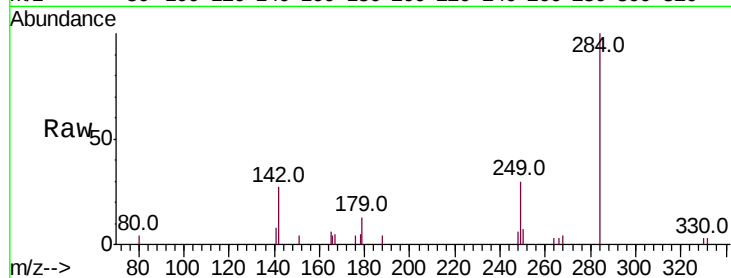
Tot Ion:284 Resp: 2071

Ion Ratio Lower Upper

284 100

142 32.2 29.7 44.5

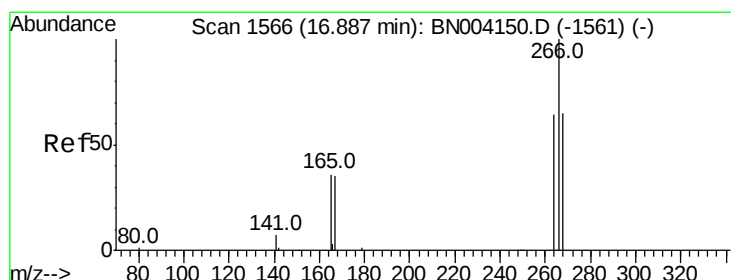
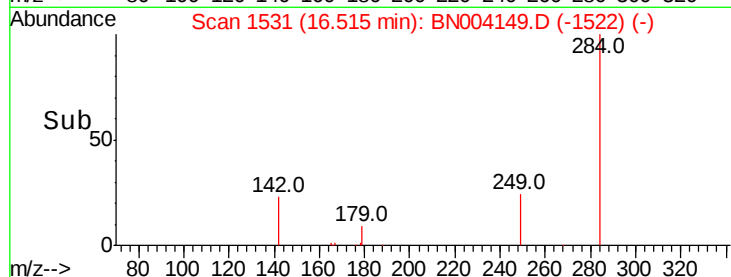
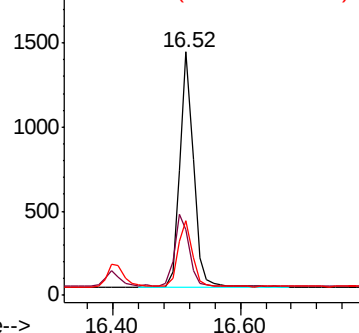
249 29.2 24.0 36.0



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: 0.107 ng

RT: 16.89 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

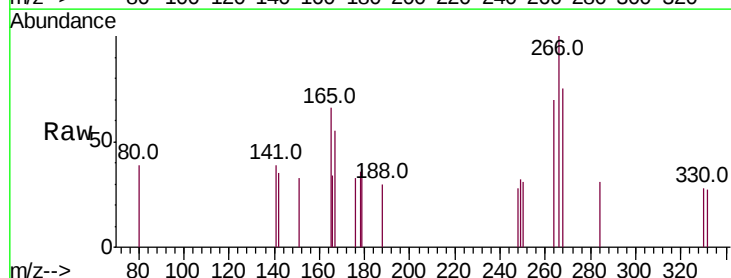
Tgt Ion:266 Resp: 279

Ion Ratio Lower Upper

266 100

264 69.9 52.1 78.1

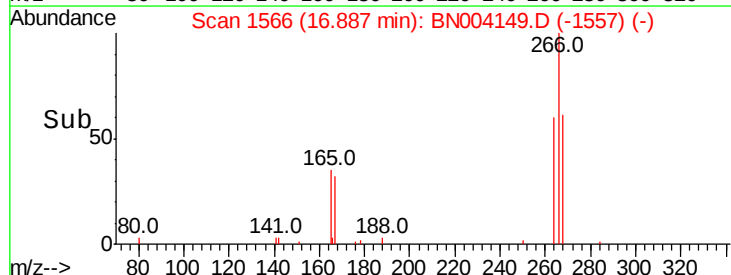
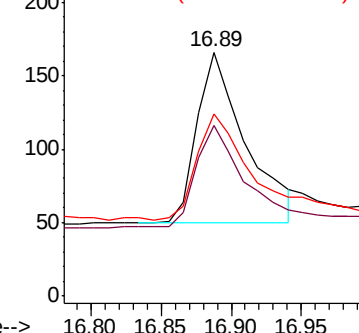
268 74.7 51.8 77.6

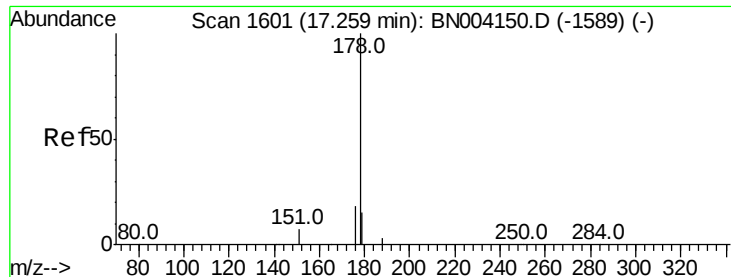


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

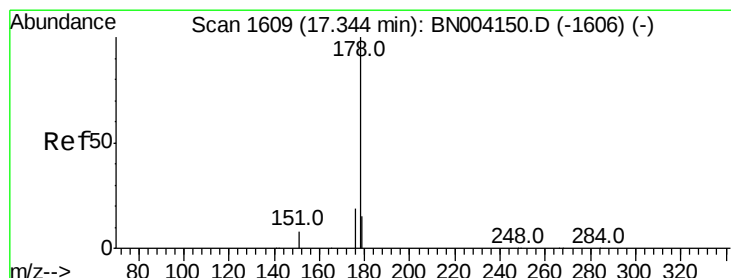
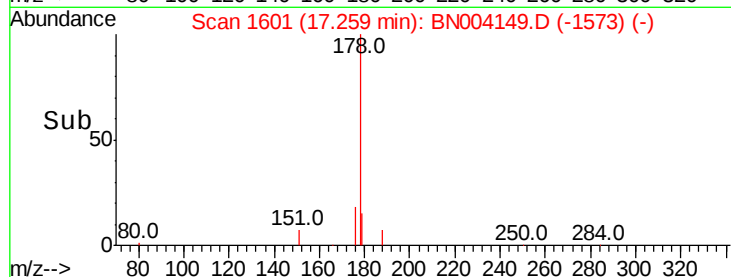
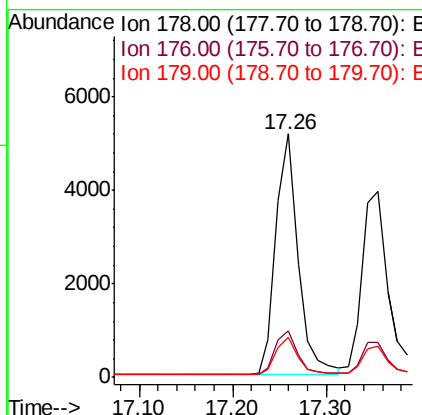
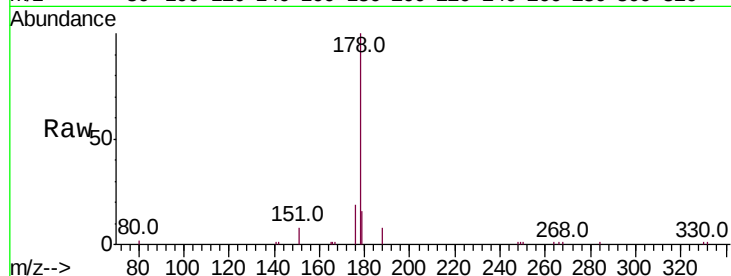




#23
Phenanthrene
Concen: 0.197 ng
RT: 17.26 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

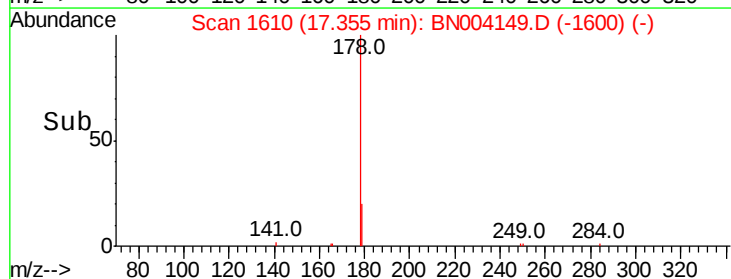
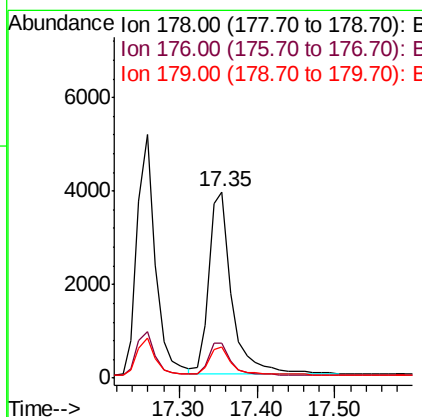
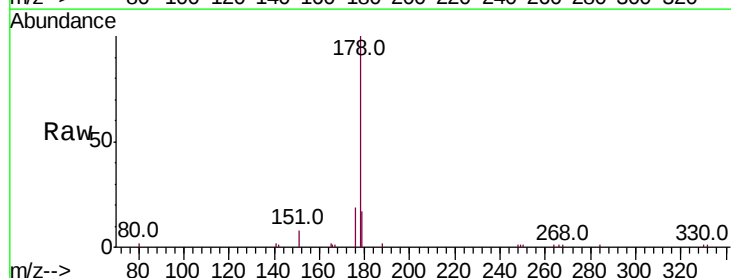
Instrument :
BNA_N
ClientSampleId :

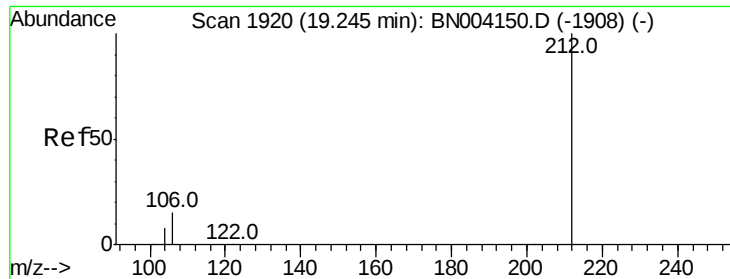
Tot Ion:178 Resp: 8532
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.5 12.4 18.6



#24
Anthracene
Concen: 0.210 ng
RT: 17.35 min Scan# 1610
Delta R.T. 0.01 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:178 Resp: 7770
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 15.2 12.2 18.4

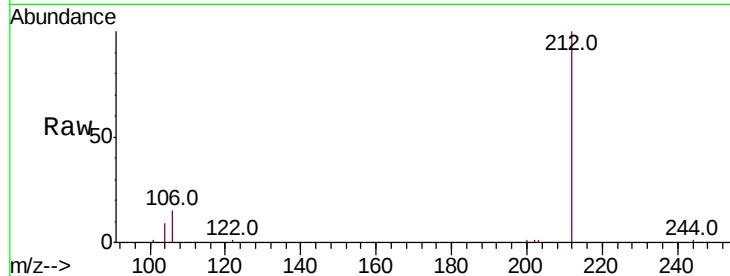




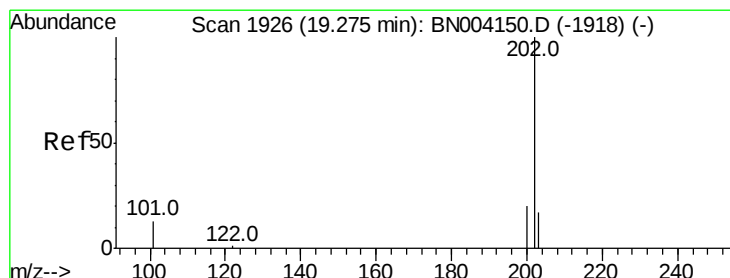
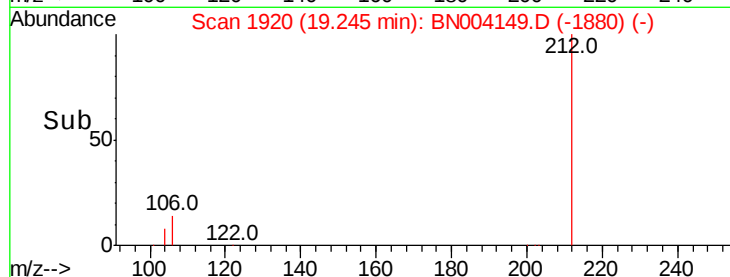
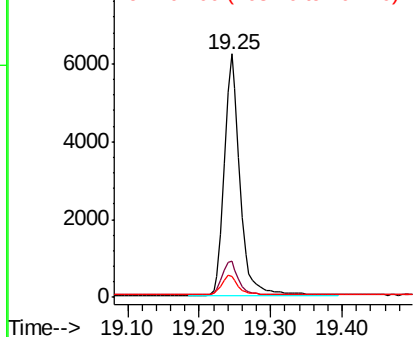
#25
Fluoranthene-d10
Concen: 0.205 ng
RT: 19.25 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:212 Resp: 9407
Ion Ratio Lower Upper
212 100
106 14.8 10.3 15.5
104 8.2 5.6 8.4

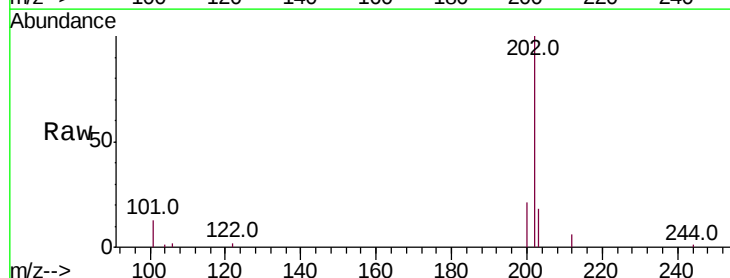


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

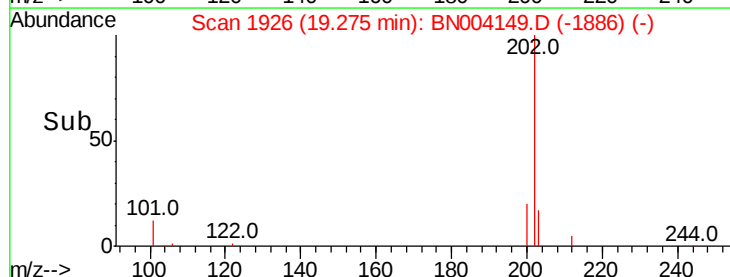
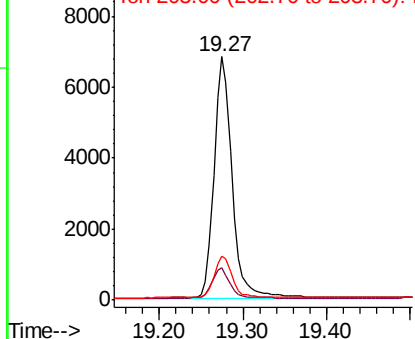


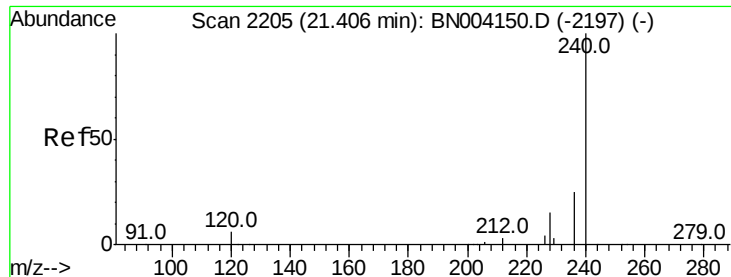
#26
Fluoranthene
Concen: 0.205 ng
RT: 19.27 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:202 Resp: 10165
Ion Ratio Lower Upper
202 100
101 12.2 9.0 13.4
203 17.1 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: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampled :

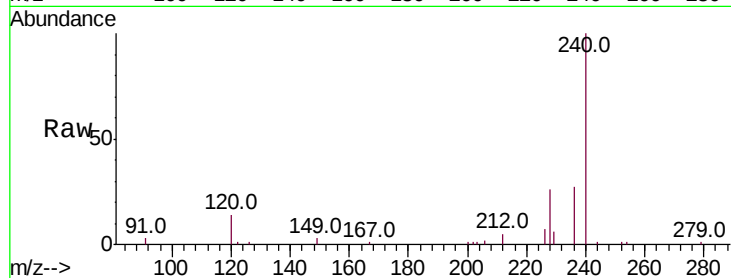
Tot Ion:240 Resp: 16366

Ion Ratio Lower Upper

240 100

120 14.5 9.3 13.9#

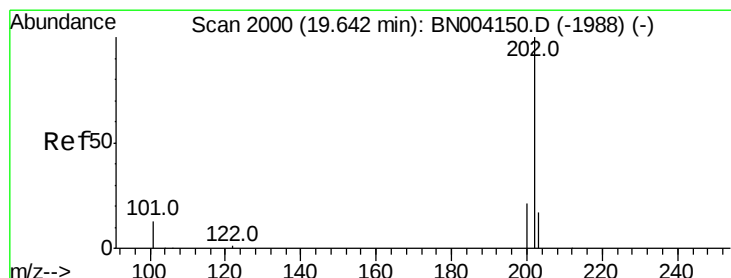
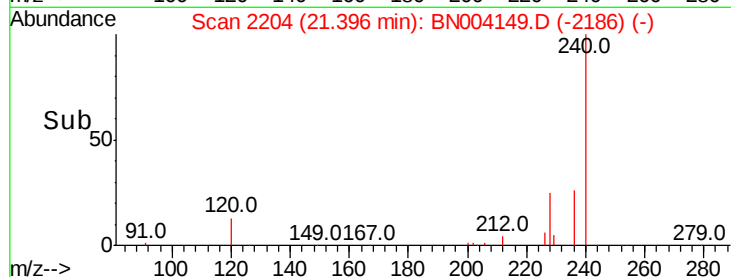
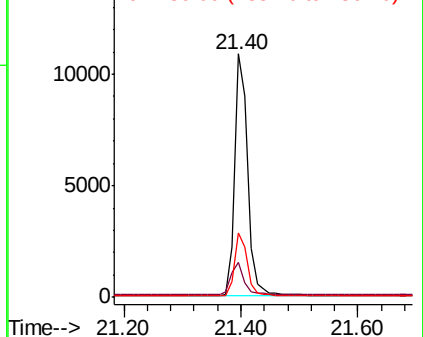
236 26.7 21.0 31.4



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: 0.234 ng

RT: 19.64 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

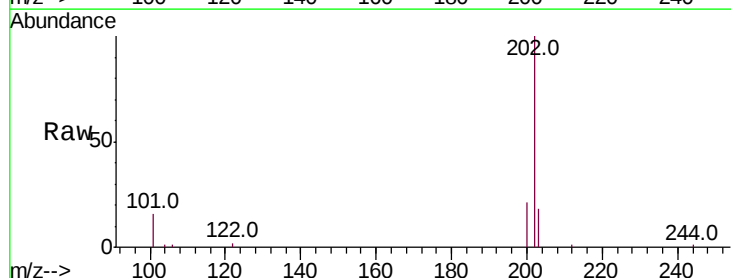
Tgt Ion:202 Resp: 10577

Ion Ratio Lower Upper

202 100

200 20.2 16.5 24.7

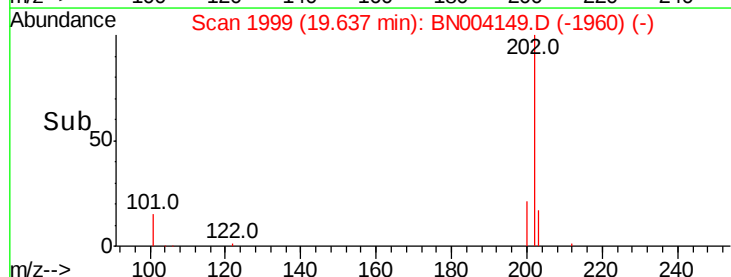
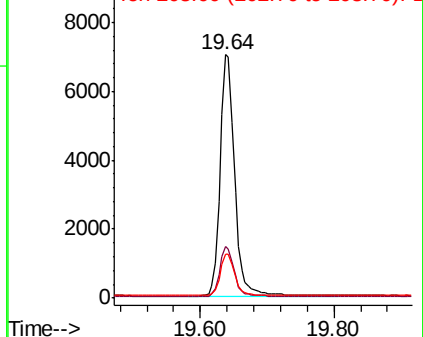
203 17.6 13.9 20.9

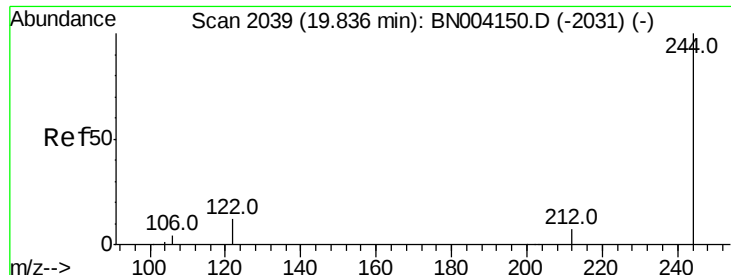


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.222 ng

RT: 19.84 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :

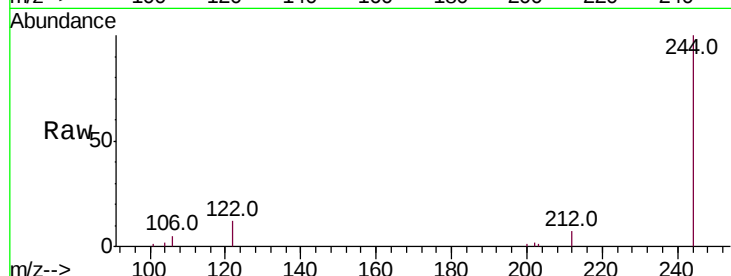
Tot Ion:244 Resp: 8451

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

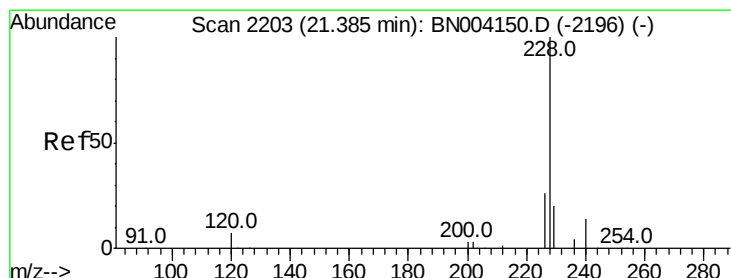
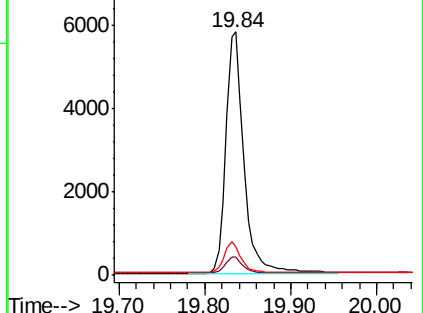
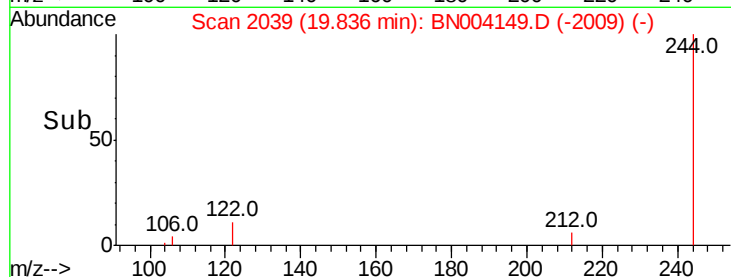
122 11.8 8.5 12.7



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: 0.214 ng

RT: 21.39 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

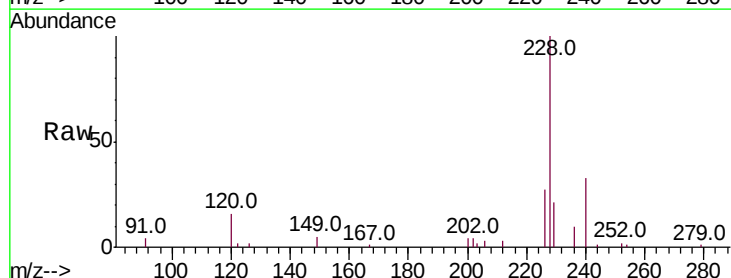
Tgt Ion:228 Resp: 9159

Ion Ratio Lower Upper

228 100

226 26.9 20.8 31.2

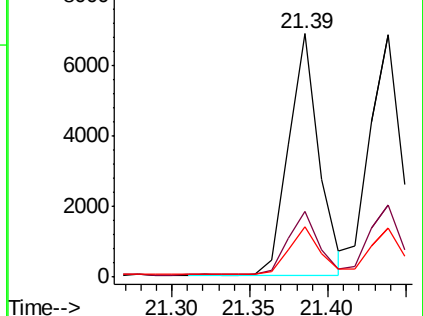
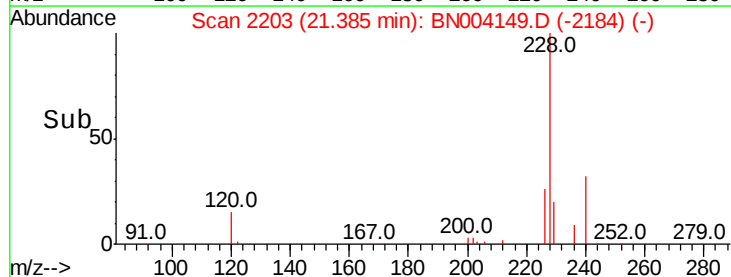
229 20.6 16.1 24.1

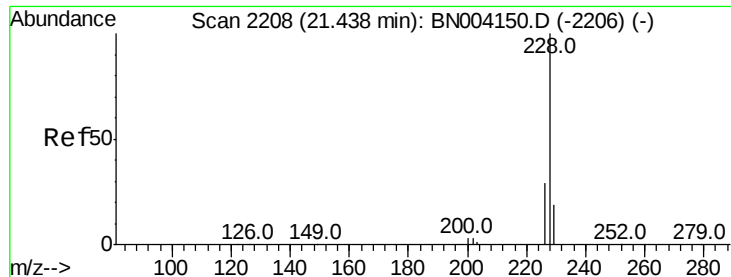


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.213 ng

RT: 21.44 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :

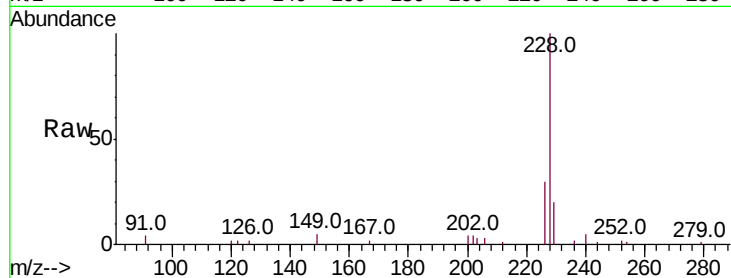
Tot Ion:228 Resp: 9840

Ion Ratio Lower Upper

228 100

226 29.7 22.7 34.1

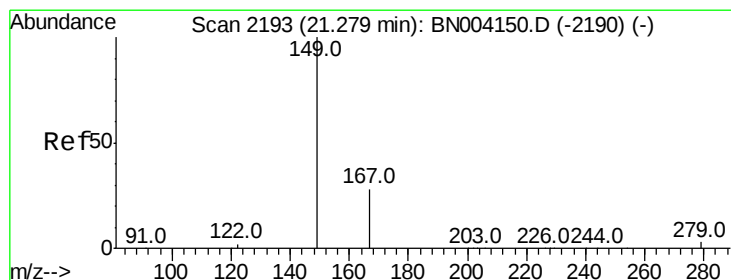
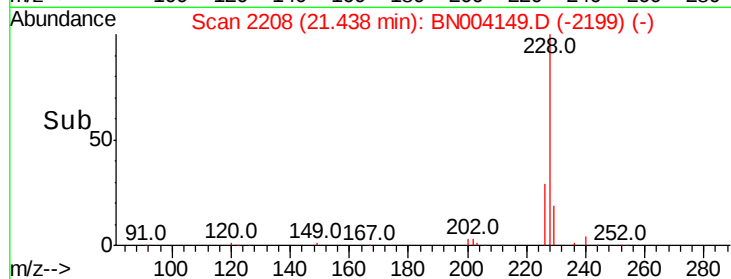
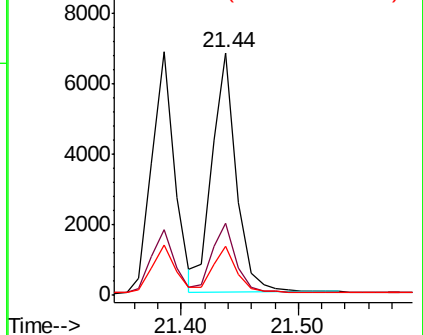
229 20.3 16.0 24.0



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: 0.452 ng

RT: 21.28 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

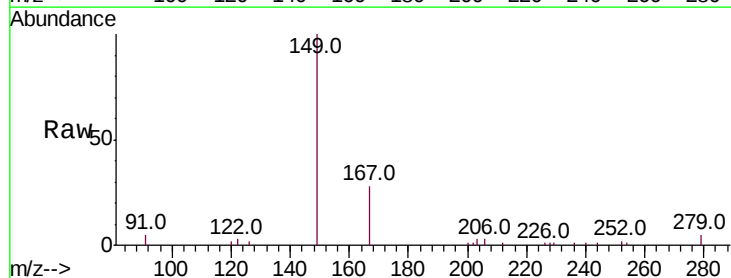
Tgt Ion:149 Resp: 5743

Ion Ratio Lower Upper

149 100

167 28.6 22.4 33.6

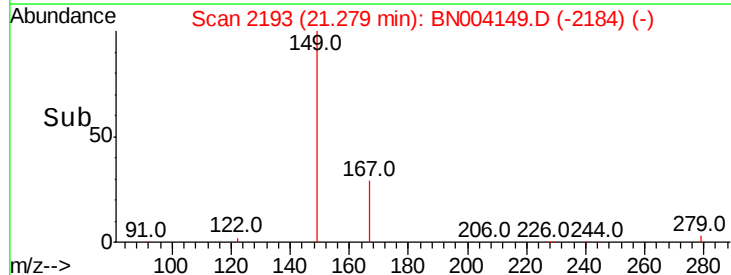
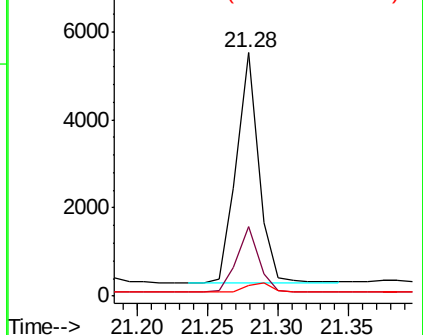
279 5.3 3.9 5.9

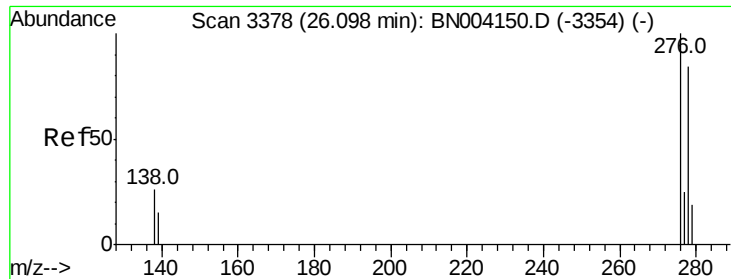


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.215 ng

RT: 26.09 min Scan# 3376

Delta R.T. -0.01 min

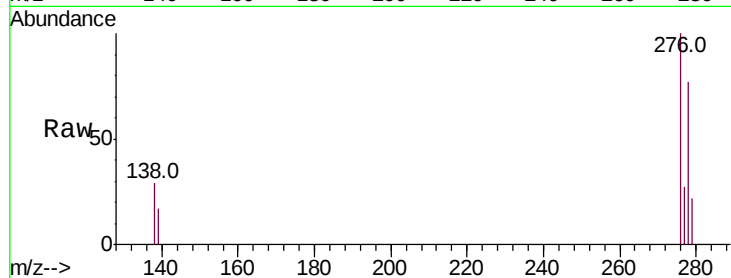
Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :



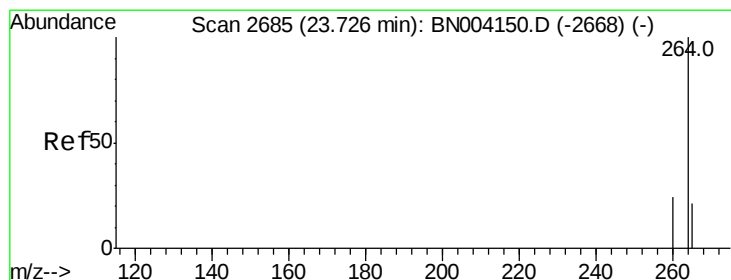
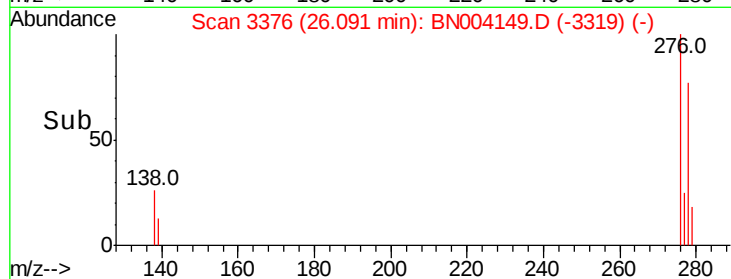
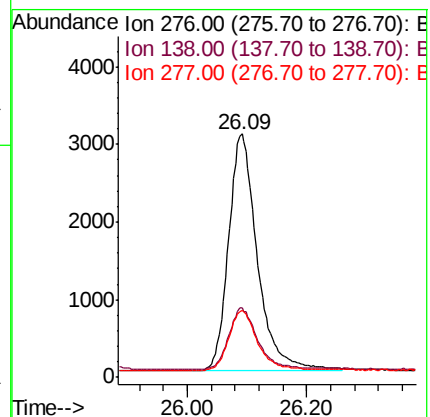
Tot Ion:276 Resp: 10288

Ion Ratio Lower Upper

276 100

138 25.8 20.6 30.8

277 24.7 20.0 30.0



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.72 min Scan# 2684

Delta R.T. -0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

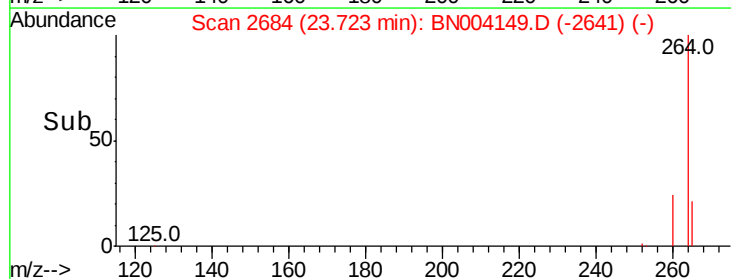
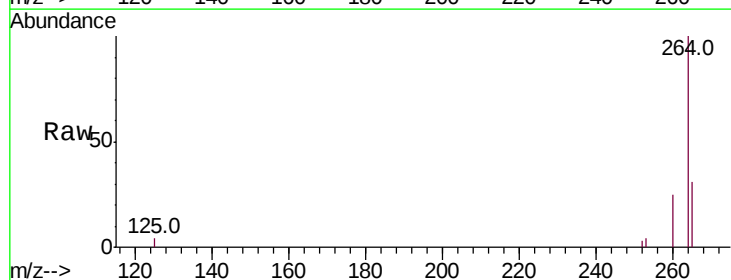
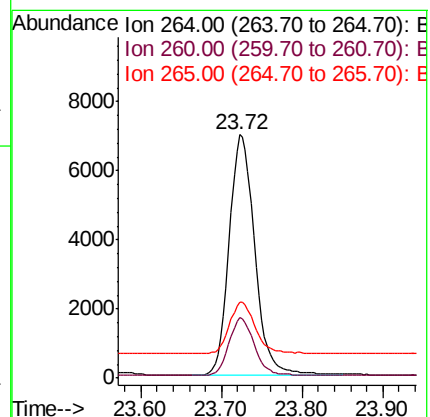
Tgt Ion:264 Resp: 15398

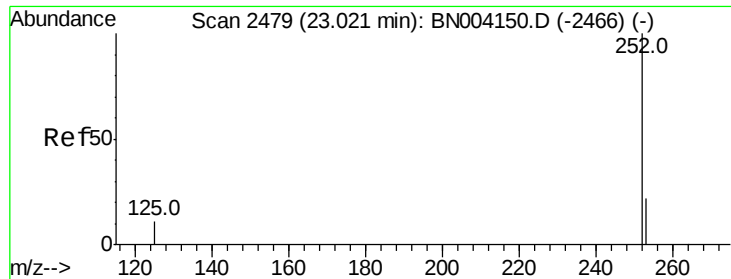
Ion Ratio Lower Upper

264 100

260 25.0 19.1 28.7

265 31.1 26.4 39.6





#35

Benzo(b)fluoranthene

Concen: 0.186 ng

RT: 23.02 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :

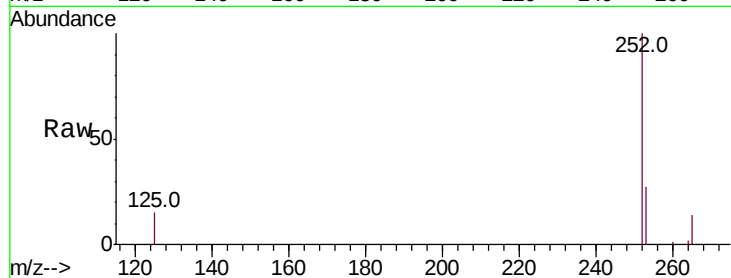
Tot Ion:252 Resp: 8928

Ion Ratio Lower Upper

252 100

253 26.5 19.3 28.9

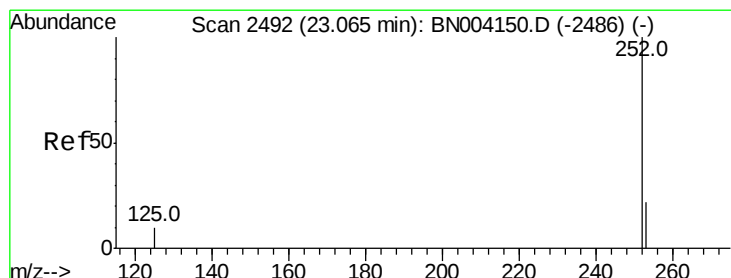
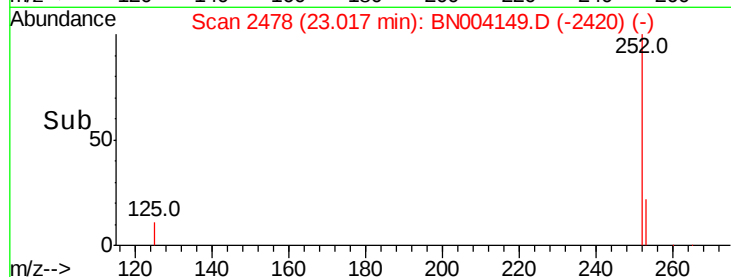
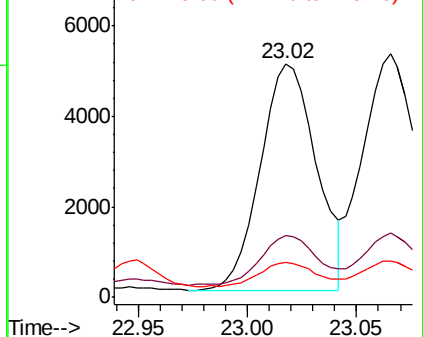
125 15.2 12.7 19.1



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: 0.204 ng

RT: 23.07 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

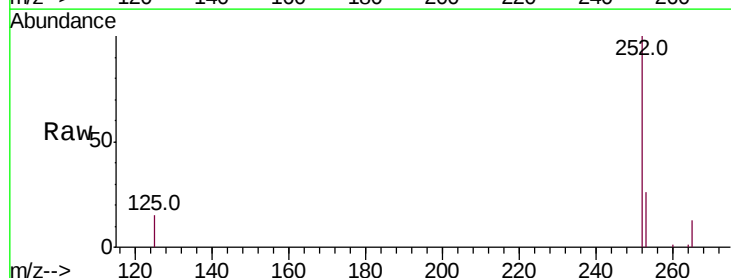
Tgt Ion:252 Resp: 9716

Ion Ratio Lower Upper

252 100

253 26.3 18.5 27.7

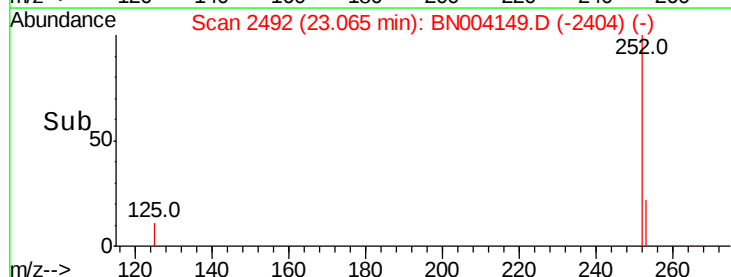
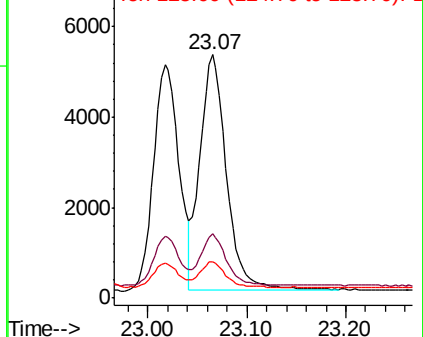
125 14.9 9.1 13.7#

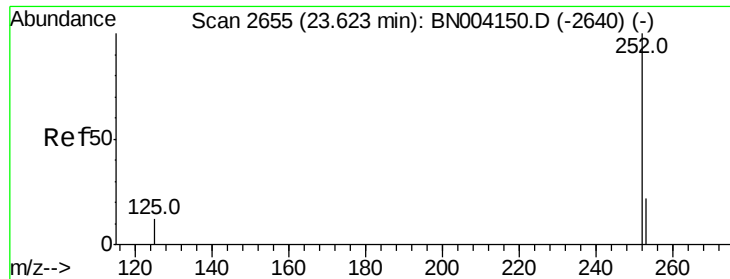


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.196 ng

RT: 23.62 min Scan# 2655

Delta R.T. 0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :

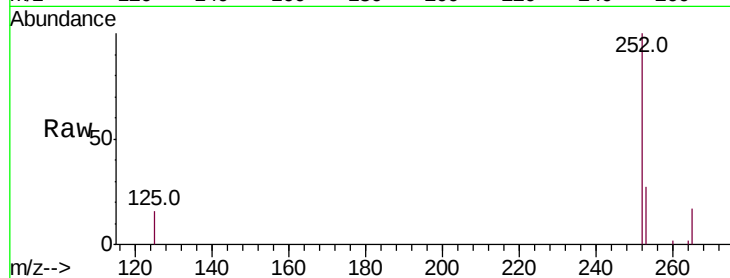
Tot Ion:252 Resp: 8567

Ion Ratio Lower Upper

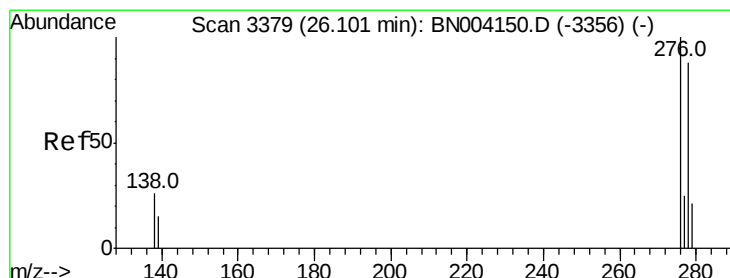
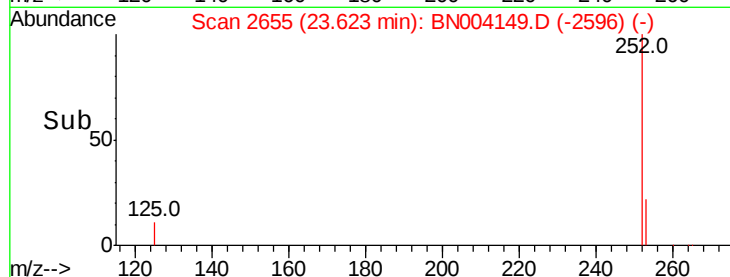
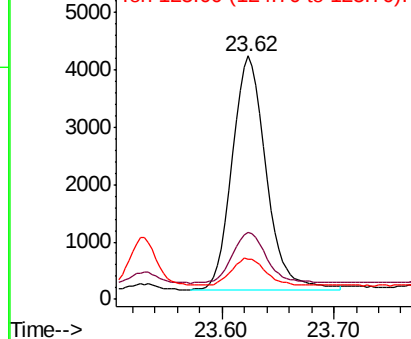
252 100

253 27.4 20.1 30.1

125 16.5 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: 0.211 ng

RT: 26.10 min Scan# 3378

Delta R.T. -0.00 min

Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

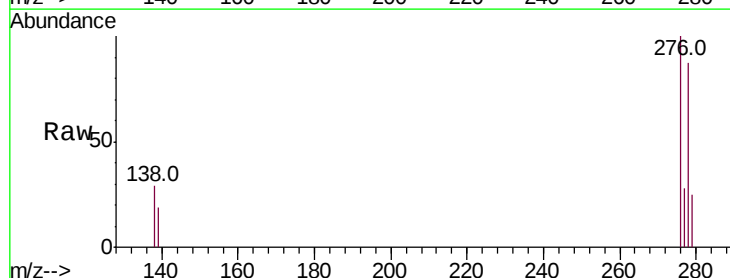
Tgt Ion:278 Resp: 8596

Ion Ratio Lower Upper

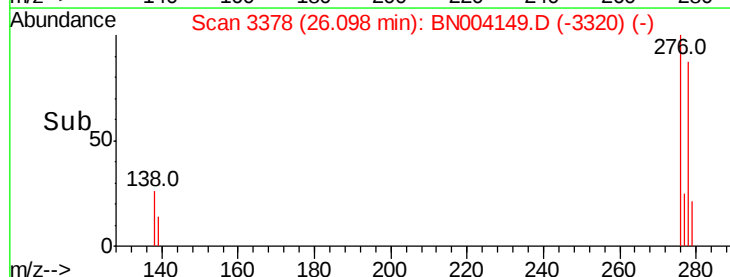
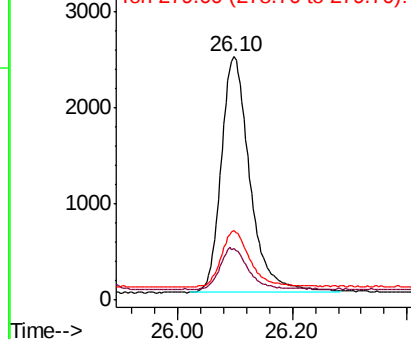
278 100

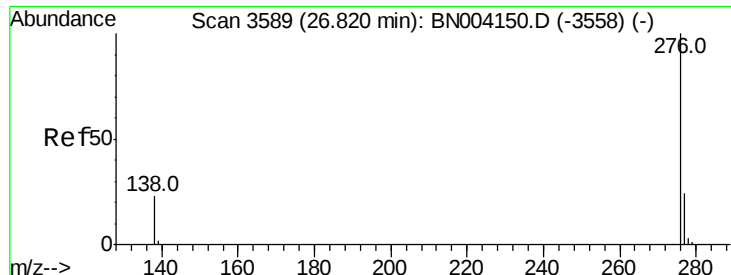
139 21.4 13.5 20.3#

279 28.5 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(a,h,i)perylene

Concen: 0.211 ng

RT: 26.82 min Scan# 3590

Delta R.T. 0.00 min

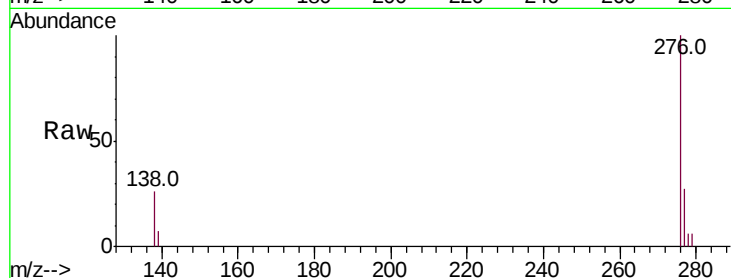
Lab File: BN004149.D

Acq: 20 Dec 2018 14:27

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 8613

Ion Ratio Lower Upper

276 100

277 26.9 19.5 29.3

138 25.6 17.4 26.2

