

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
 Data File : BN005058.D
 Acq On : 02 Apr 2019 12:49
 Operator : JU/SJ
 Sample : PB118217BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118217BS

Quant Time: Apr 03 01:57:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:42:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2781	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	12055	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7128	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	17177	0.40	ng	0.00
27) Chrysene-d12	21.26	240	18854	0.40	ng	0.00
34) Perylene-d12	23.50	264	17388	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	2584	0.37	ng	0.00
5) Phenol-d6	6.85	99	3096	0.38	ng	0.00
8) Nitrobenzene-d5	8.83	82	2471	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	7312	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1336	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	10764	0.40	ng	0.00
25) Fluoranthene-d10	19.10	212	18288	0.37	ng	0.00
29) Terphenyl-d14	19.70	244	15024	0.39	ng	0.00

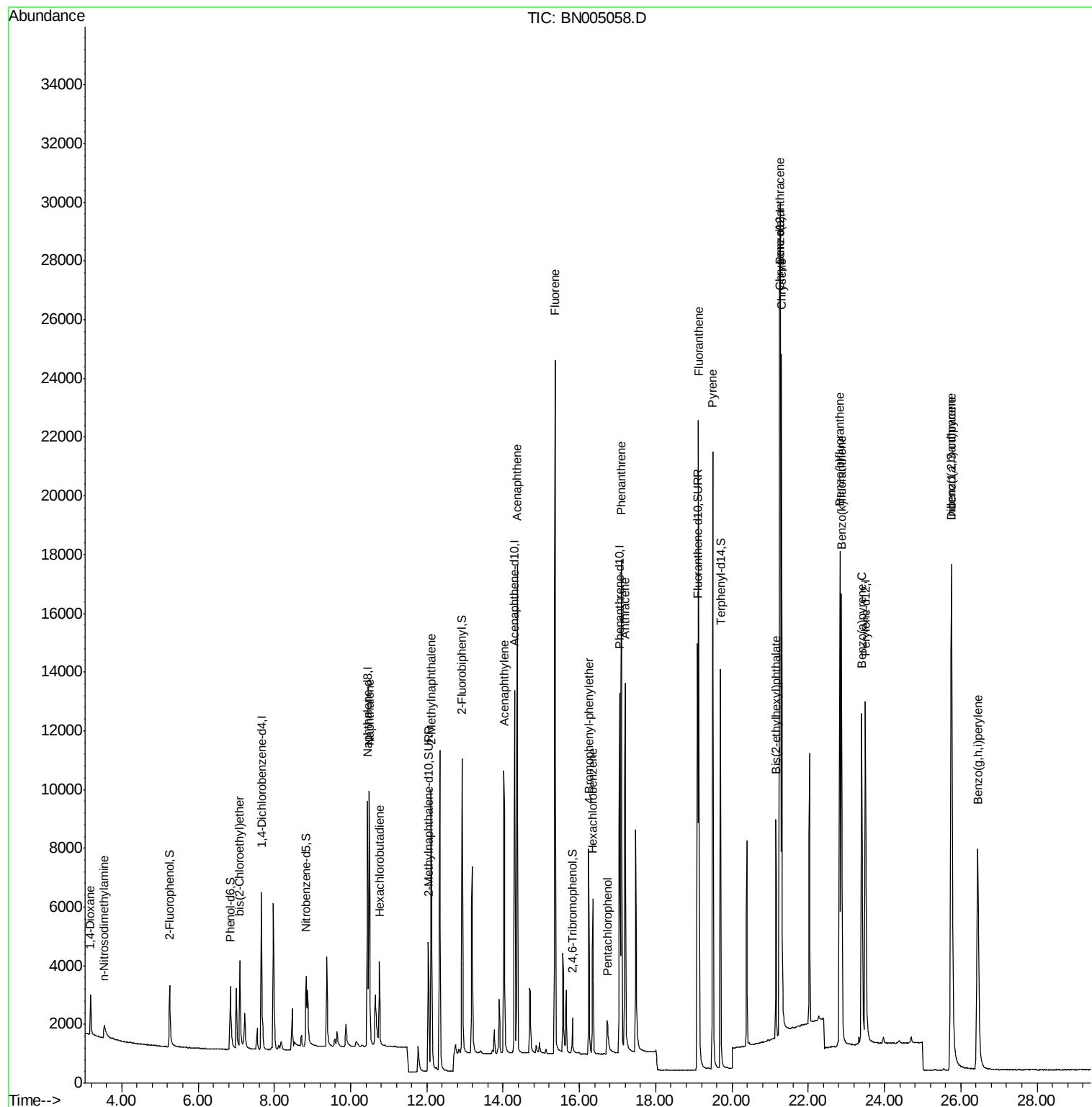
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	1144	0.383	ng	99
3) n-Nitrosodimethylamine	3.54	42	490	0.268	ng	# 97
6) bis(2-Chloroethyl)ether	7.10	93	3041	0.392	ng	98
9) Naphthalene	10.49	128	12035	0.397	ng	100
10) Hexachlorobutadiene	10.76	225	2238	0.398	ng	# 100
12) 2-Methylnaphthalene	12.11	142	8448	0.386	ng	99
16) Acenaphthylene	14.02	152	12226	0.363	ng	99
17) Acenaphthene	14.37	154	8381	0.392	ng	100
18) Fluorene	15.36	166	11042	0.385	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	3617	0.368	ng	98
21) Hexachlorobenzene	16.36	284	4331	0.399	ng	98
22) Pentachlorophenol	16.73	266	1263	0.634	ng	96
23) Phenanthrene	17.10	178	18430	0.383	ng	99
24) Anthracene	17.20	178	15660	0.366	ng	100
26) Fluoranthene	19.13	202	21633	0.367	ng	99
28) Pyrene	19.49	202	21872	0.408	ng	100
30) Benzo(a)anthracene	21.25	228	20275	0.381	ng	99
31) Chrysene	21.30	228	21475	0.375	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	6958	0.313	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	22098	0.343	ng	100
35) Benzo(b)fluoranthene	22.83	252	21524	0.386	ng	100
36) Benzo(k)fluoranthene	22.87	252	21809	0.405	ng	100
37) Benzo(a)pyrene	23.40	252	18834	0.380	ng	100
38) Dibenzo(a,h)anthracene	25.76	278	17907	0.361	ng	99
39) Benzo(g,h,i)perylene	26.44	276	18591	0.372	ng	100

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

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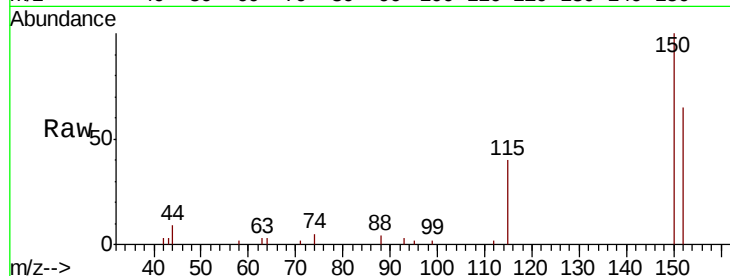


#1

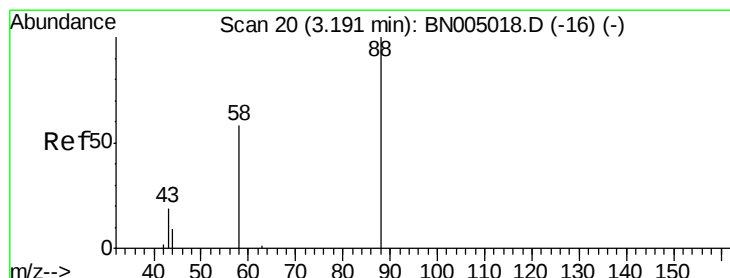
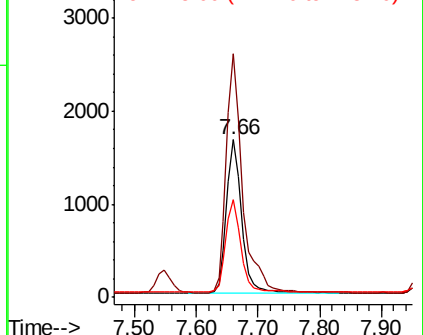
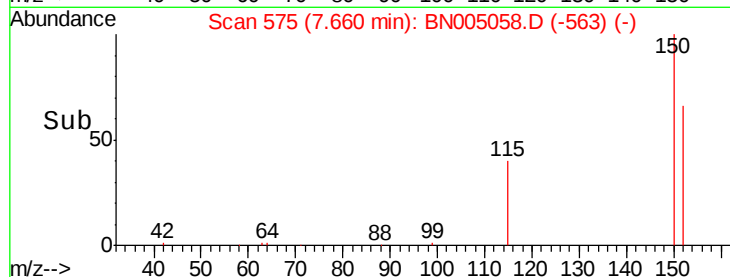
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion: 152 Resp: 2781
Ion Ratio Lower Upper
152 100
150 154.7 123.4 185.2
115 61.7 50.0 75.0



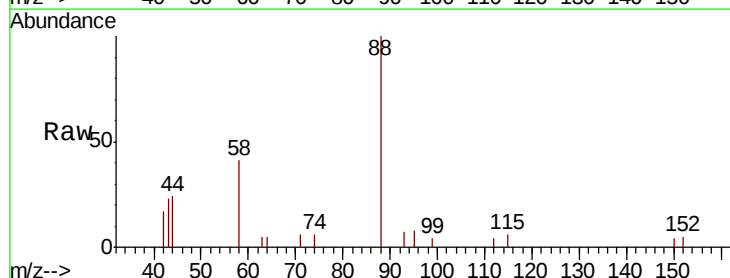
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



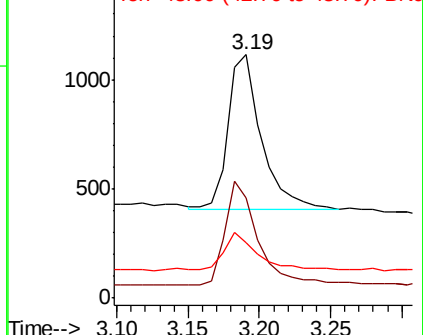
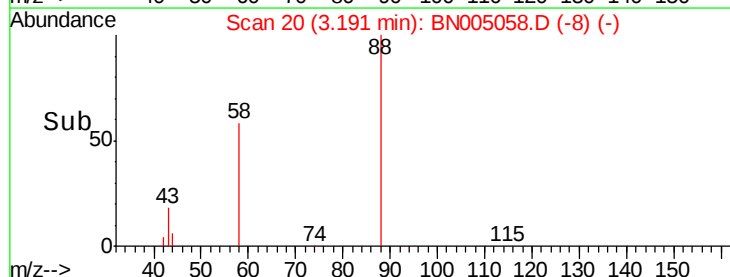
#2

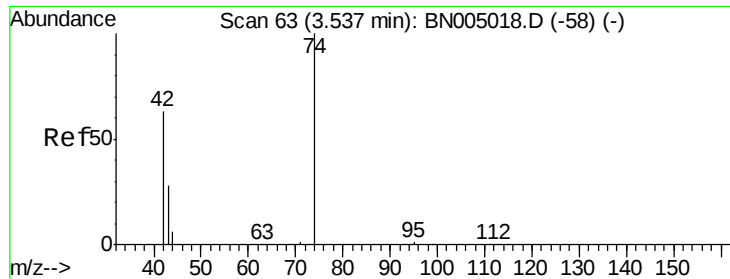
1,4-Dioxane
Concen: 0.383 ng
RT: 3.19 min Scan# 20
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion: 88 Resp: 1144
Ion Ratio Lower Upper
88 100
58 65.5 52.8 79.2
43 26.3 19.6 29.4



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: 0.268 ng

RT: 3.54 min Scan# 63

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

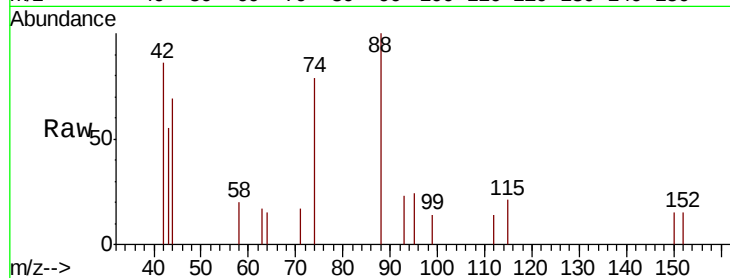
Tgt Ion: 42 Resp: 490

Ion Ratio Lower Upper

42 100

74 158.4 129.1 193.7

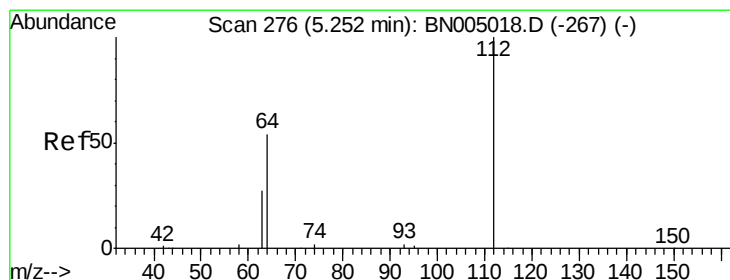
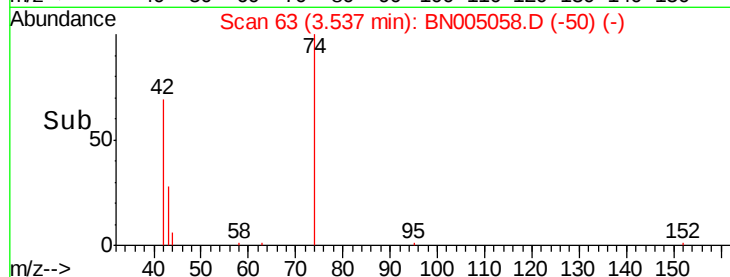
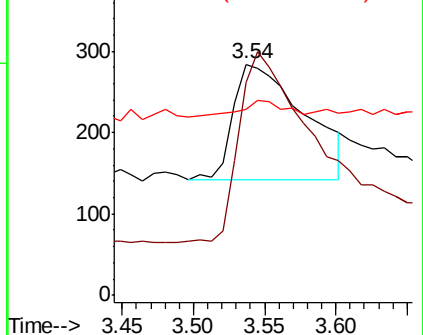
44 9.4 11.6 17.4#



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: 0.372 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

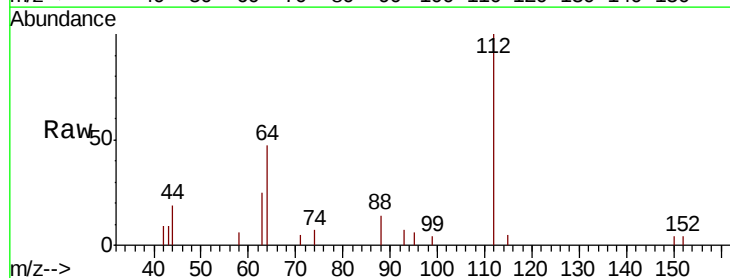
Tgt Ion: 112 Resp: 2584

Ion Ratio Lower Upper

112 100

64 52.1 41.9 62.9

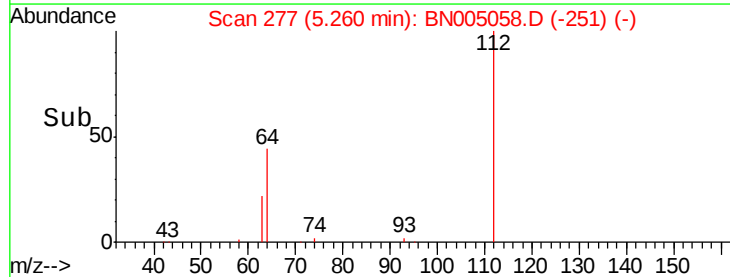
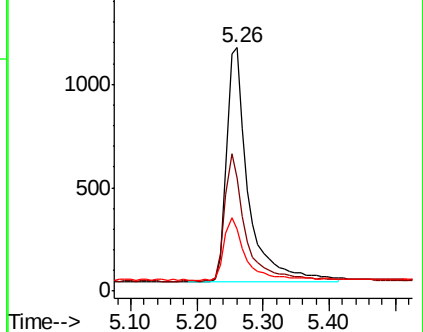
63 26.1 21.5 32.3

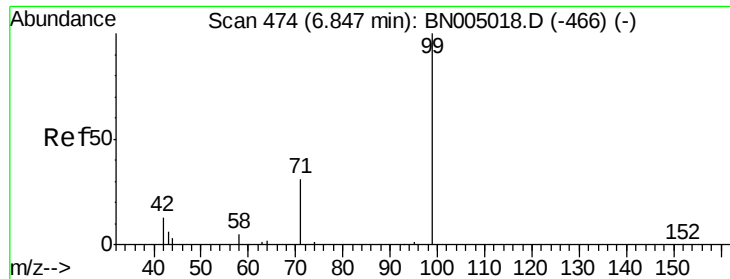


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.377 ng

RT: 6.85 min Scan# 474

Delta R.T. -0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

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PB118217BS

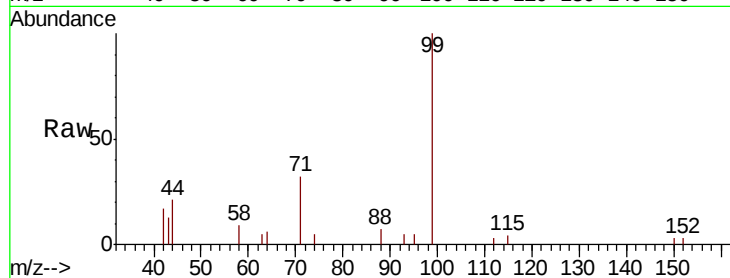
Tgt Ion: 99 Resp: 3096

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

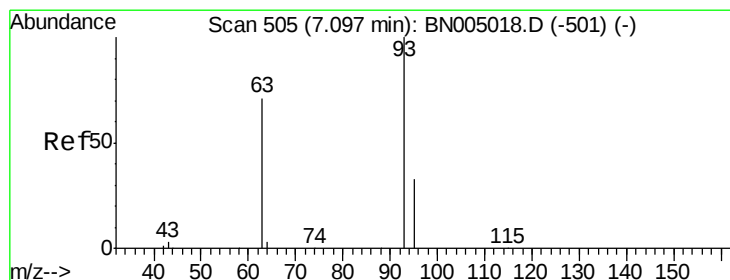
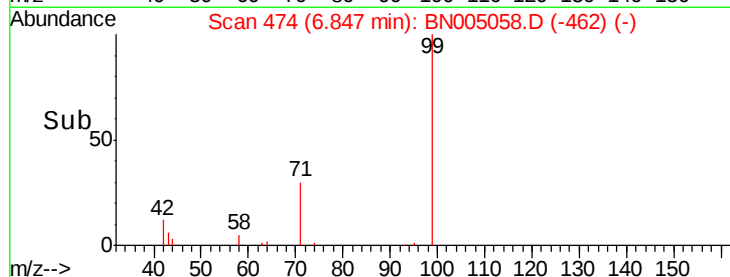
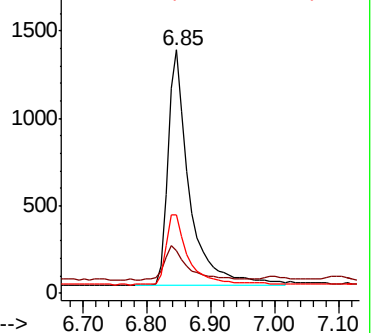
71 31.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN005058.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN005058.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN005058.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.392 ng

RT: 7.10 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

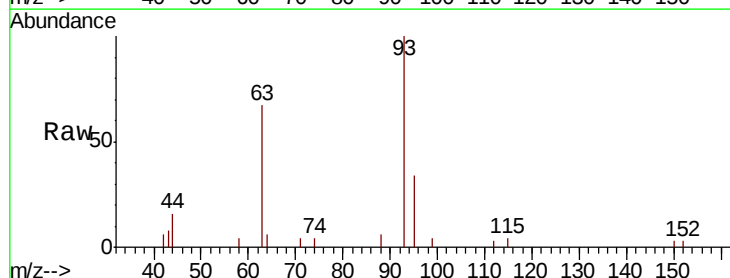
Tgt Ion: 93 Resp: 3041

Ion Ratio Lower Upper

93 100

63 62.4 51.8 77.6

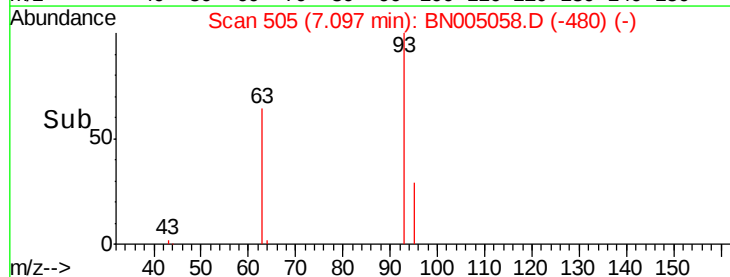
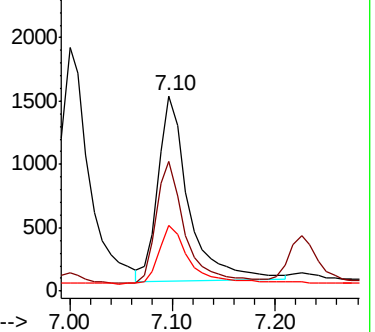
95 30.5 24.8 37.2

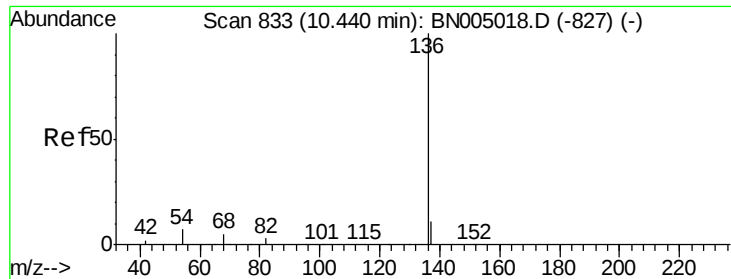


Abundance Ion 93.00 (92.70 to 93.70): BN005058.D (-501) (-)

Ion 63.00 (62.70 to 63.70): BN005058.D (-501) (-)

Ion 95.00 (94.70 to 95.70): BN005058.D (-501) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

Tgt Ion:136 Resp: 12055

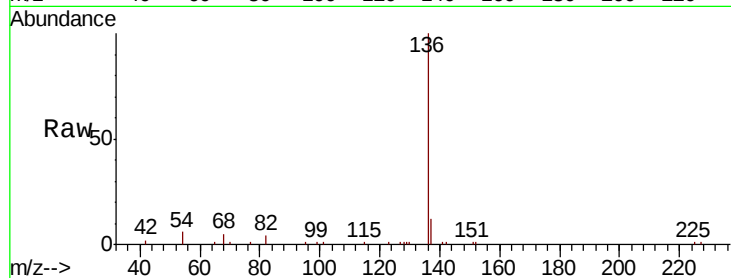
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 6.3 6.0 9.0

68 5.5 5.0 7.6

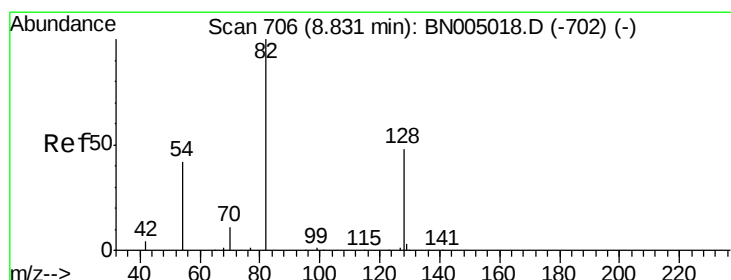
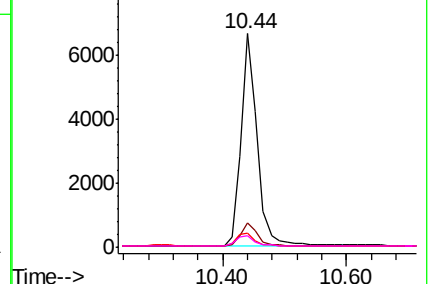
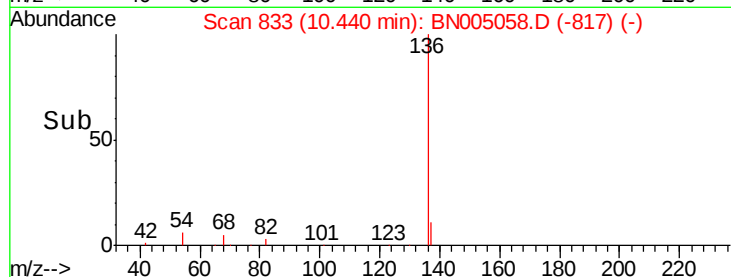


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.354 ng

RT: 8.83 min Scan# 706

Delta R.T. -0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

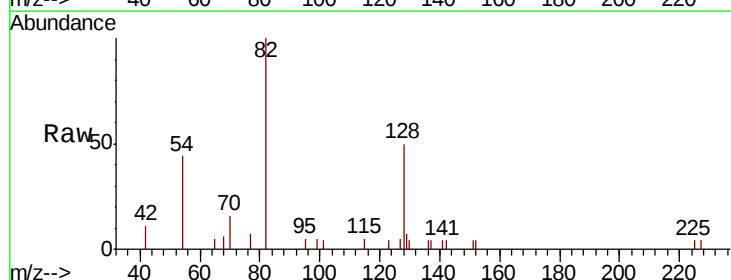
Tgt Ion: 82 Resp: 2471

Ion Ratio Lower Upper

82 100

128 49.5 40.5 60.7

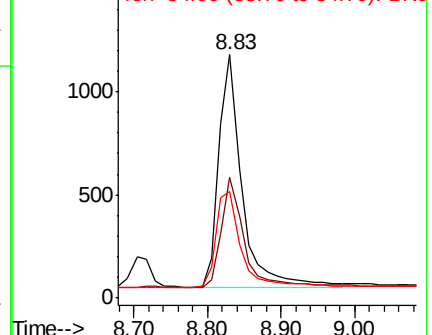
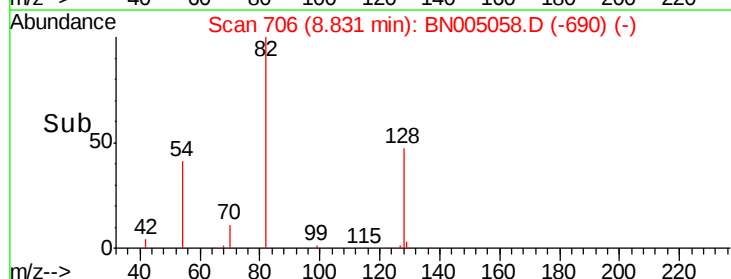
54 43.9 35.7 53.5

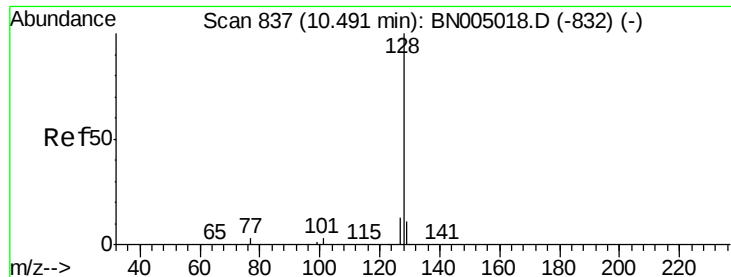


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.397 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

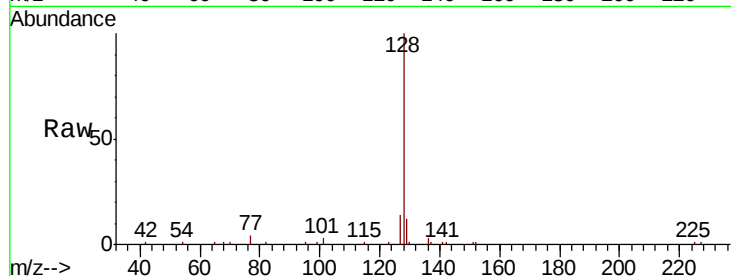
Tgt Ion:128 Resp: 12035

Ion Ratio Lower Upper

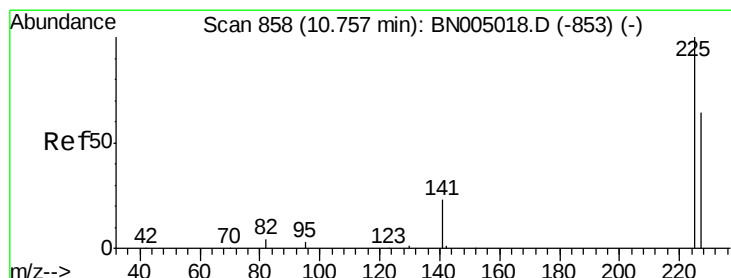
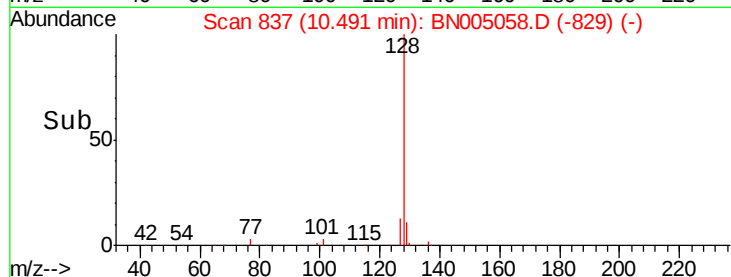
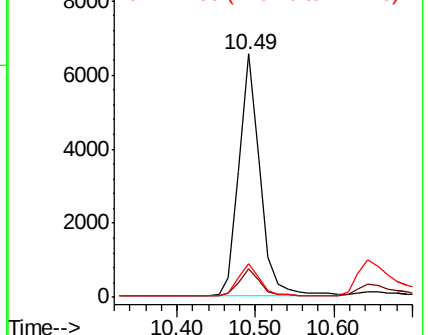
128 100

129 11.6 9.4 14.2

127 13.9 11.0 16.6



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: 0.398 ng

RT: 10.76 min Scan# 858

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

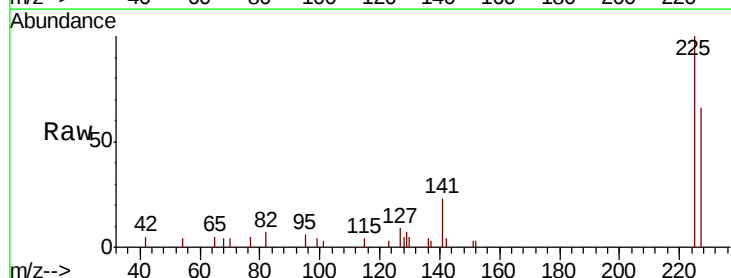
Tgt Ion:225 Resp: 2238

Ion Ratio Lower Upper

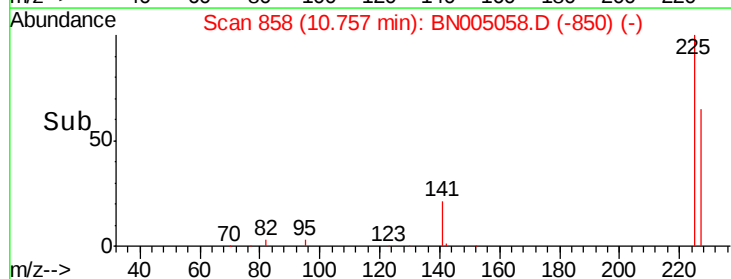
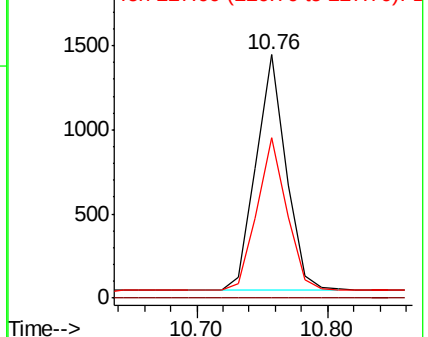
225 100

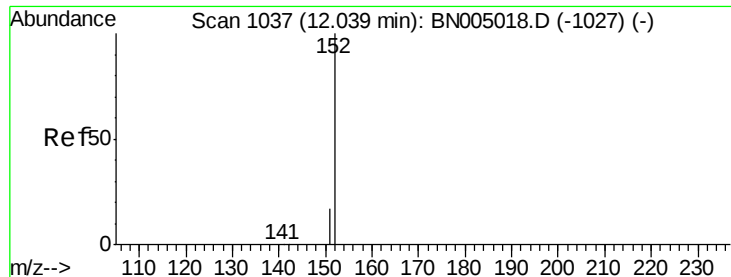
223 0.0 0.0 0.0

227 64.4 51.5 77.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

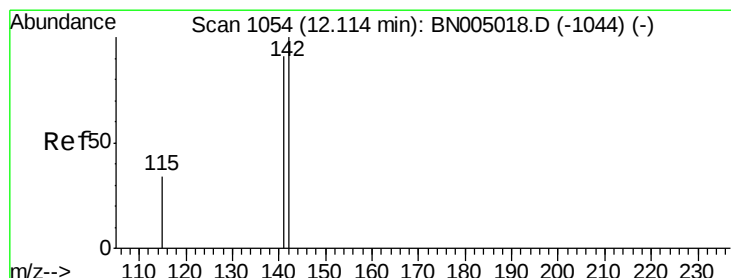
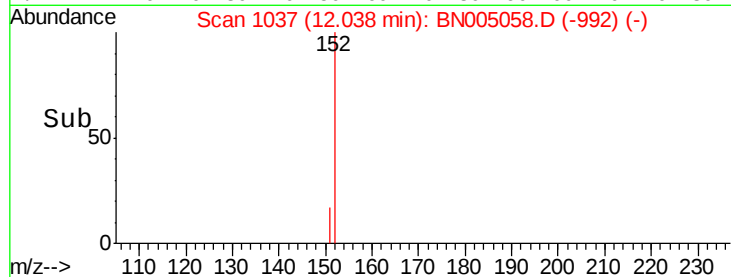
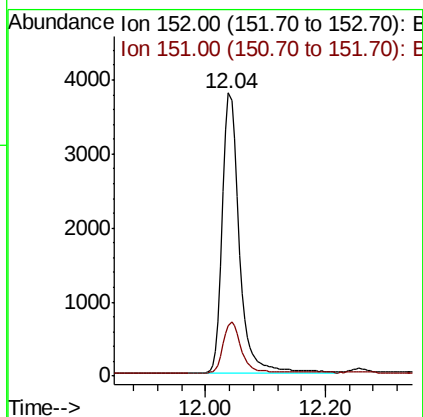
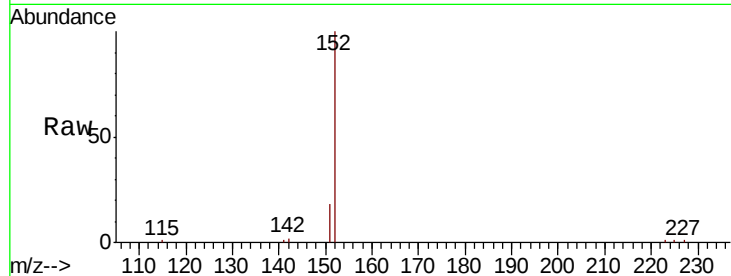




#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 12.04 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BN005058.D
 Acq: 02 Apr 2019 12:49

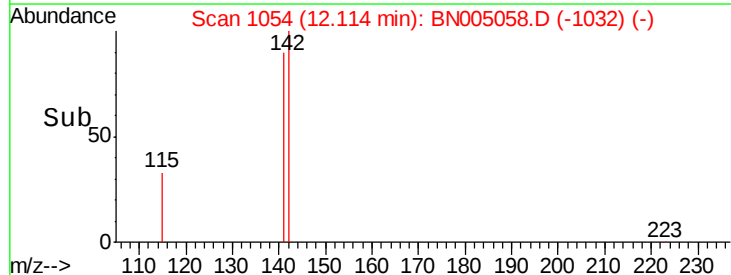
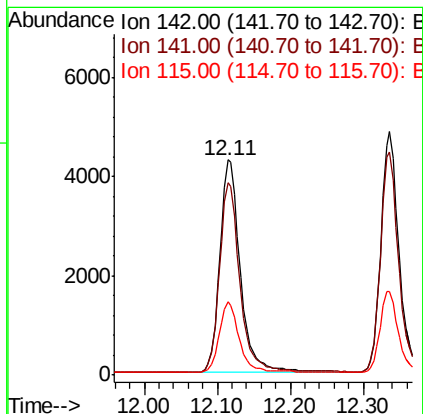
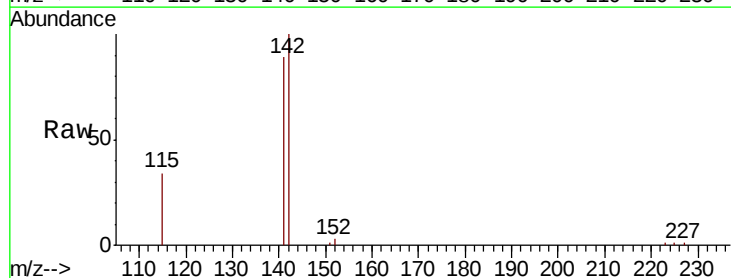
Instrument :
 BNA_N
 ClientSampleId :
 PB118217BS

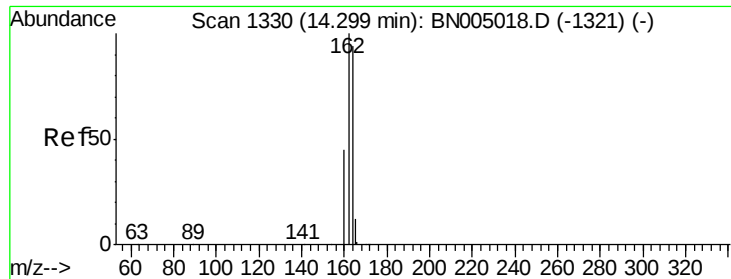
Tgt Ion:152 Resp: 7312
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.386 ng
 RT: 12.11 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BN005058.D
 Acq: 02 Apr 2019 12:49

Tgt Ion:142 Resp: 8448
 Ion Ratio Lower Upper
 142 100
 141 89.5 72.6 108.8
 115 33.8 27.8 41.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

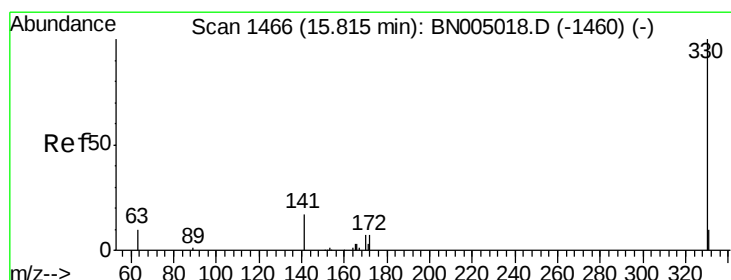
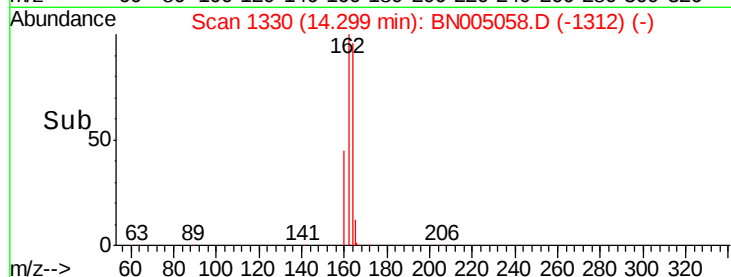
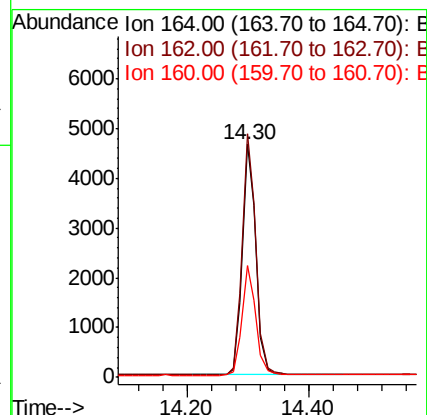
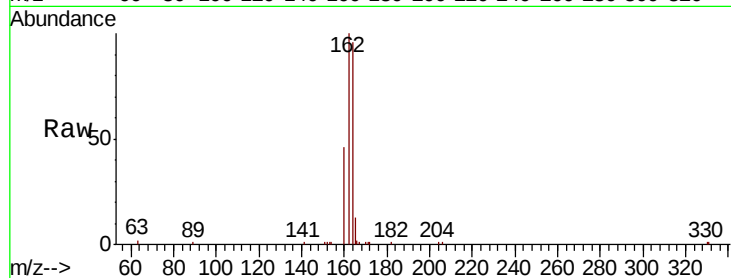
Tgt Ion:164 Resp: 7128

Ion Ratio Lower Upper

164 100

162 104.6 85.3 127.9

160 47.9 39.2 58.8



#14

2,4,6-Tribromophenol

Concen: 0.334 ng

RT: 15.81 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

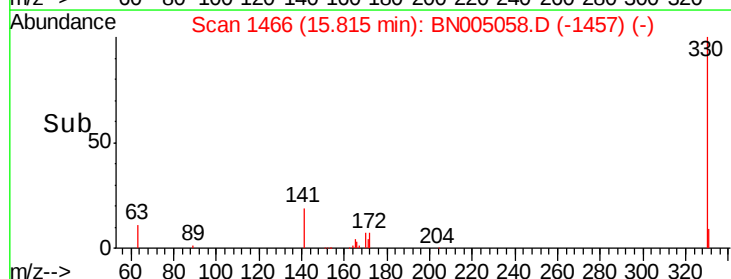
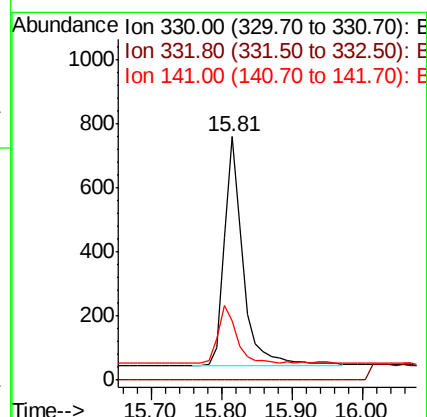
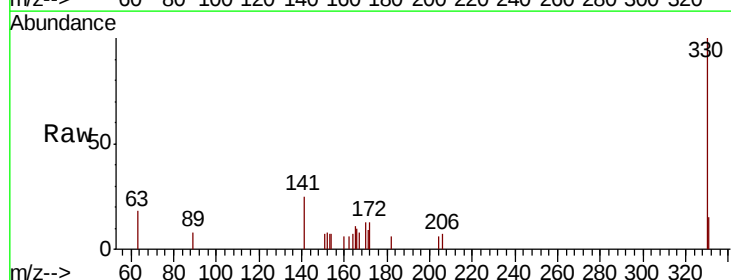
Tgt Ion:330 Resp: 1336

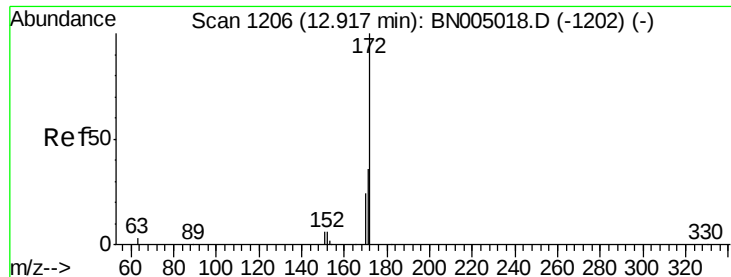
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 25.4 21.3 31.9

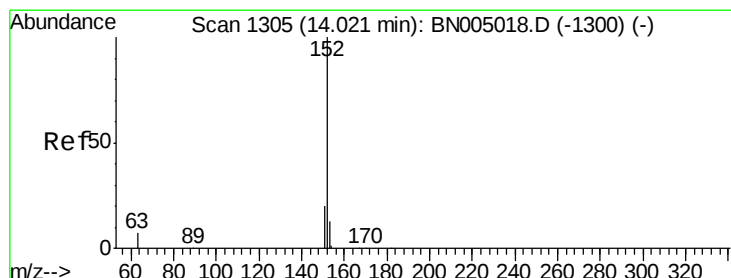
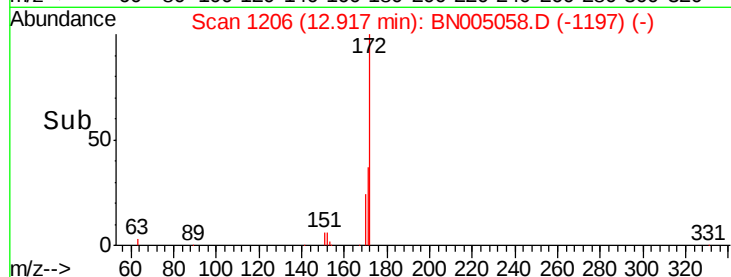
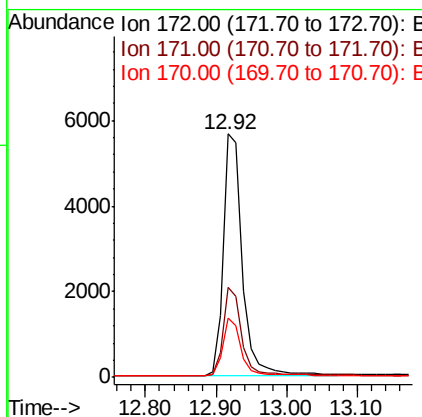
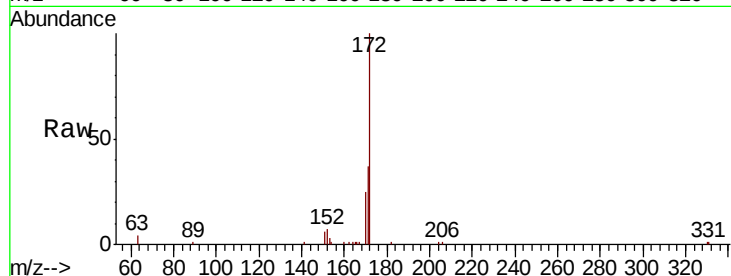




#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

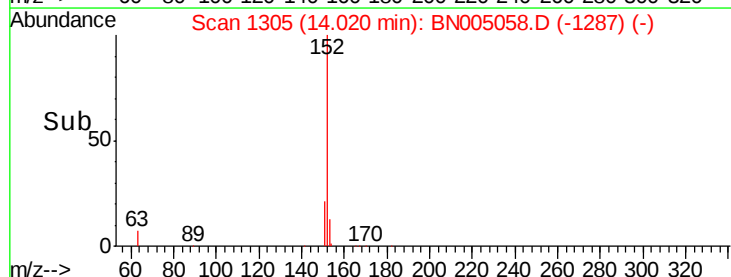
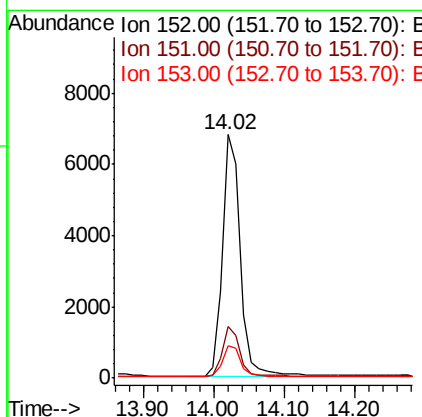
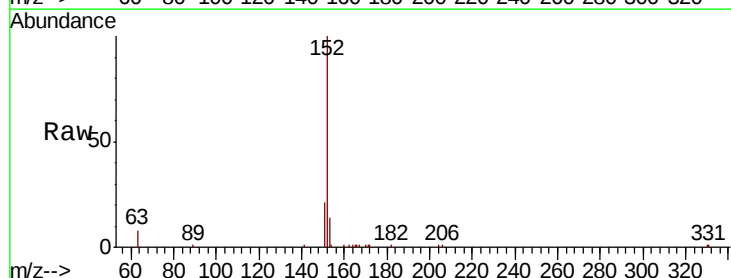
Instrument :
BNA_N
ClientSampleId :
PB118217BS

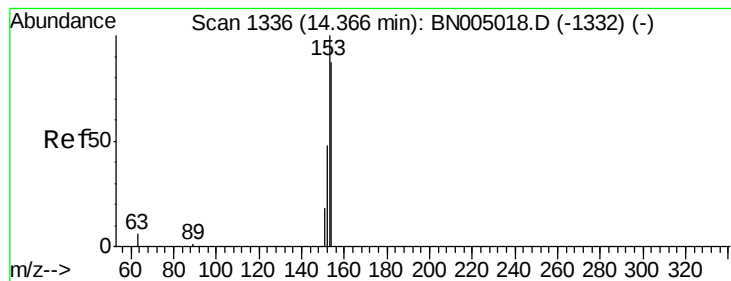
Tgt Ion:172 Resp: 10764
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 24.6 20.0 30.0



#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:152 Resp: 12226
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.392 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

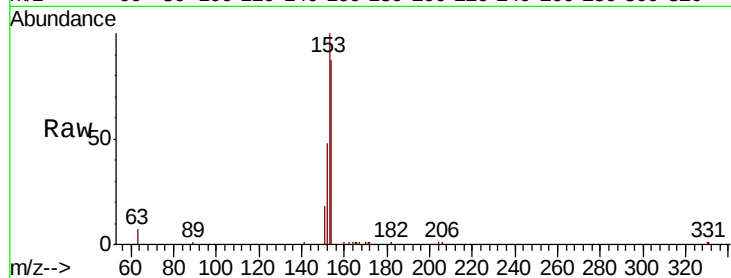
Tgt Ion:154 Resp: 8381

Ion Ratio Lower Upper

154 100

153 114.8 92.1 138.1

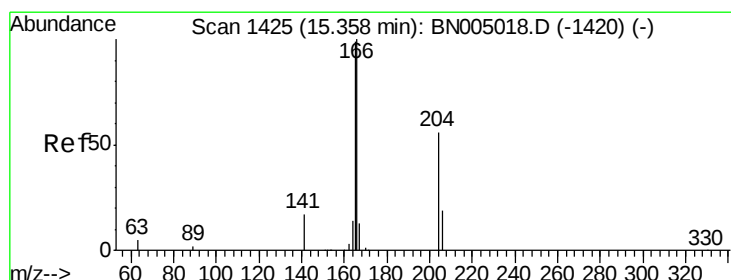
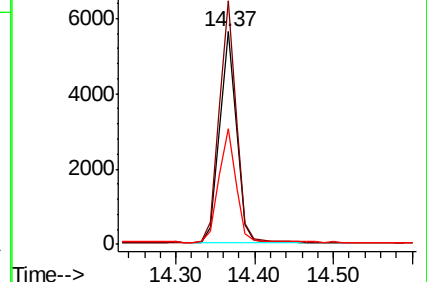
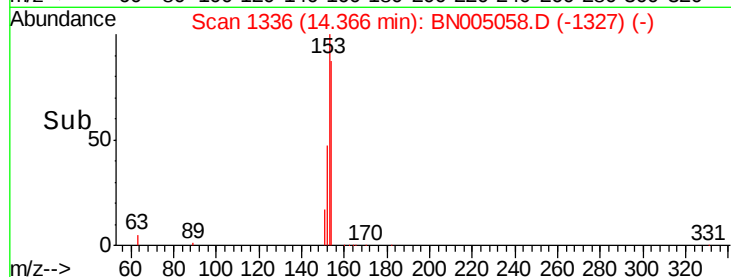
152 54.8 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.385 ng

RT: 15.36 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

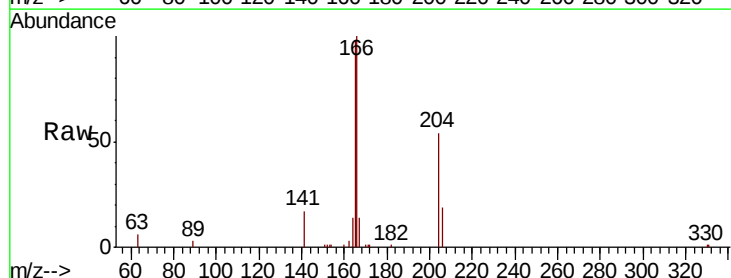
Tgt Ion:166 Resp: 11042

Ion Ratio Lower Upper

166 100

165 98.0 78.7 118.1

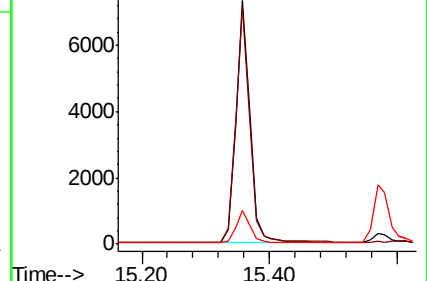
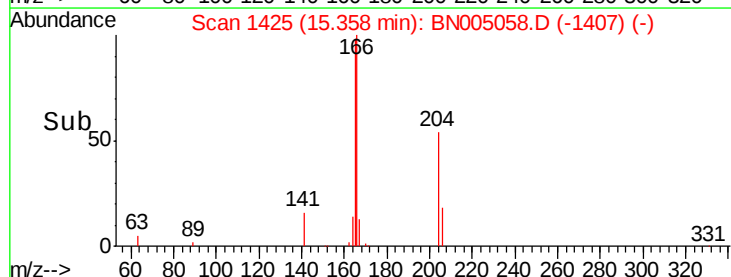
167 13.4 10.9 16.3

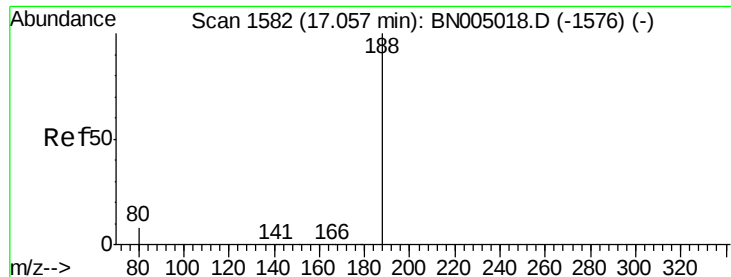


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

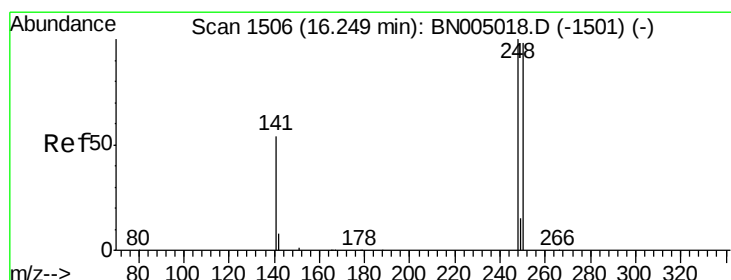
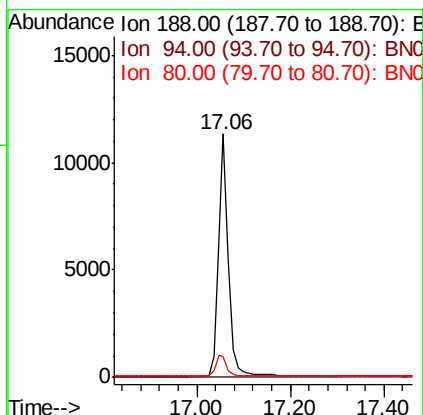
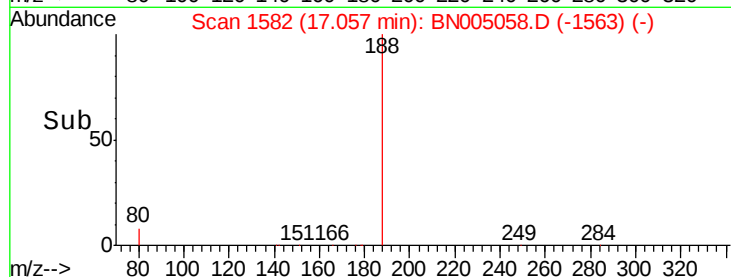
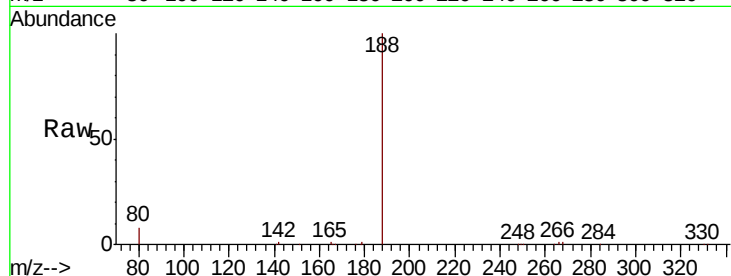
Tgt Ion:188 Resp: 17177

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 6.9 10.3



#20

4-Bromophenyl-phenylether

Concen: 0.368 ng

RT: 16.25 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

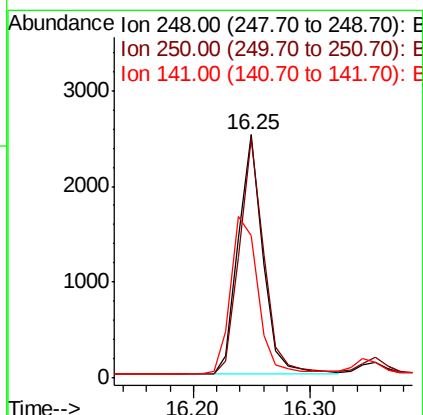
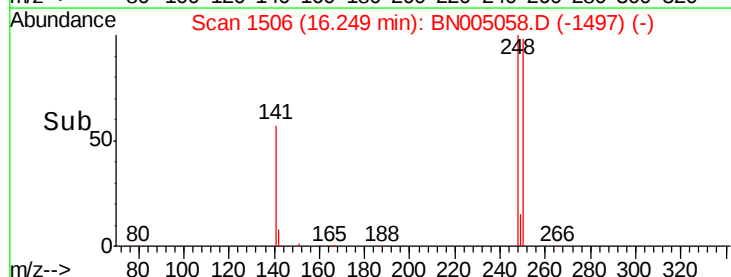
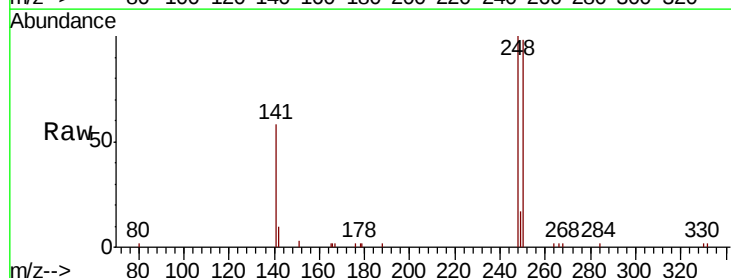
Tgt Ion:248 Resp: 3617

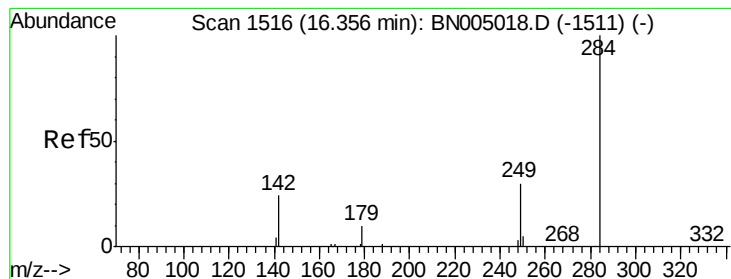
Ion Ratio Lower Upper

248 100

250 98.4 78.6 117.8

141 58.3 43.6 65.4





#21

Hexachlorobenzene

Concen: 0.399 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

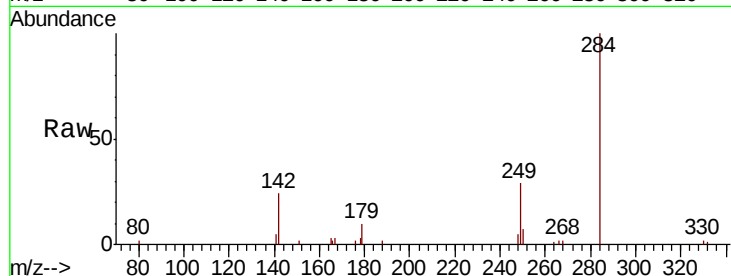
Tgt Ion:284 Resp: 4331

Ion Ratio Lower Upper

284 100

142 29.7 24.9 37.3

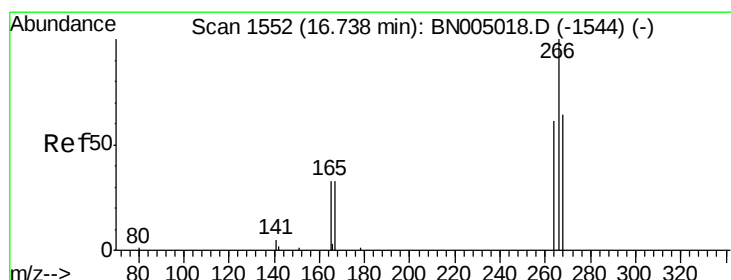
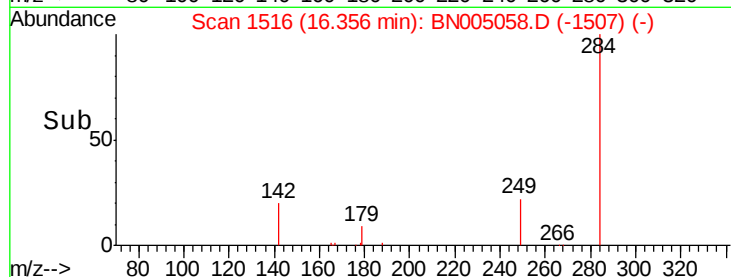
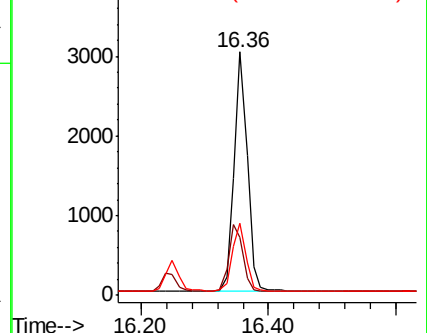
249 28.7 23.8 35.6



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: 0.634 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

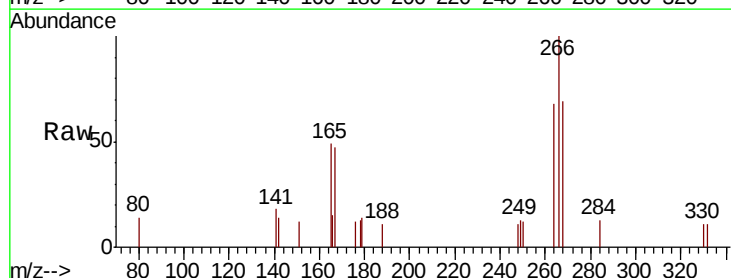
Tgt Ion:266 Resp: 1263

Ion Ratio Lower Upper

266 100

264 68.2 53.4 80.0

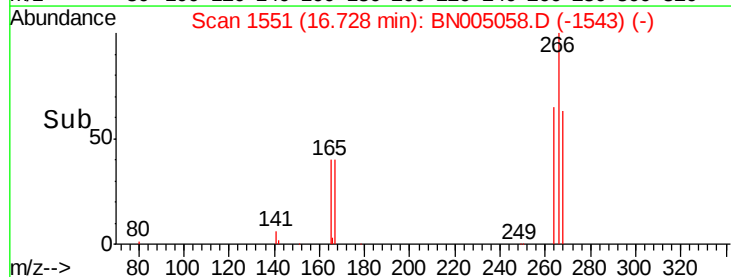
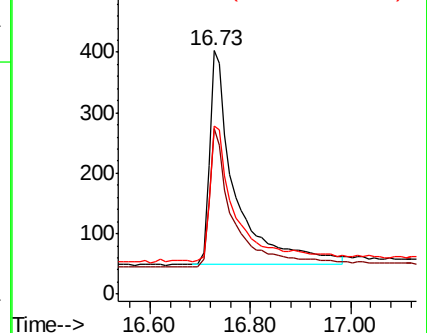
268 69.2 58.9 88.3

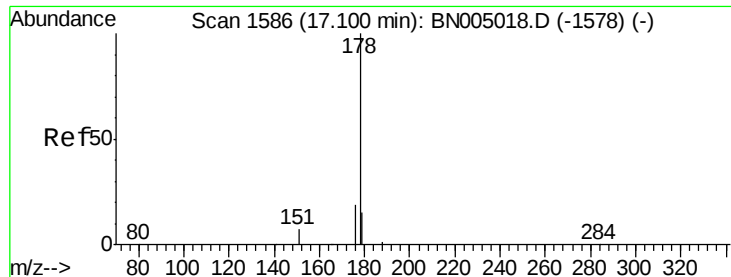


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.383 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

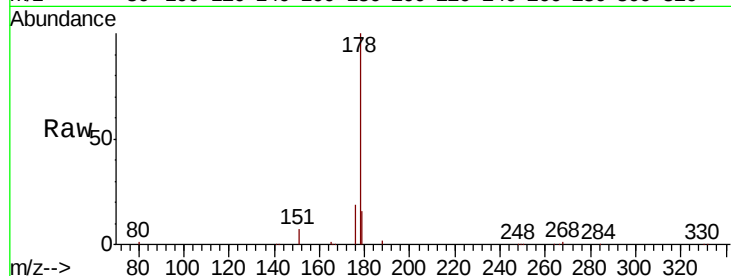
Tgt Ion:178 Resp: 18430

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

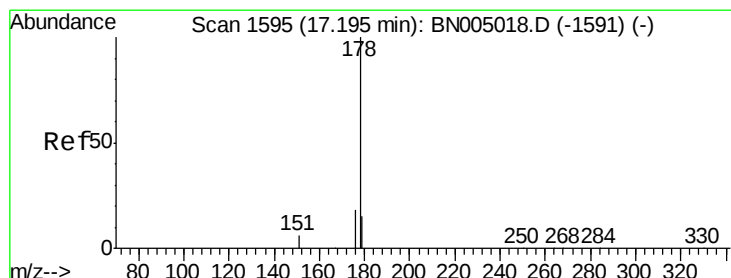
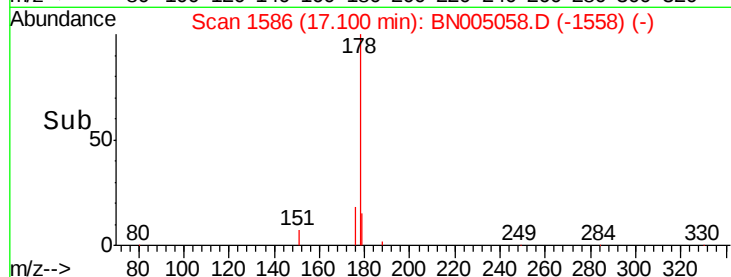
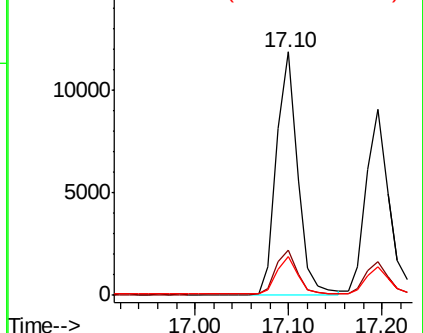
179 15.4 12.2 18.2



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: 0.366 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

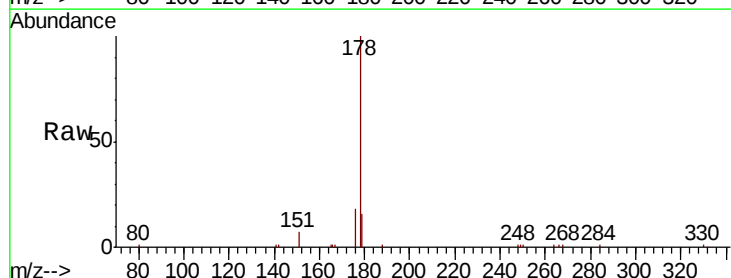
Tgt Ion:178 Resp: 15660

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

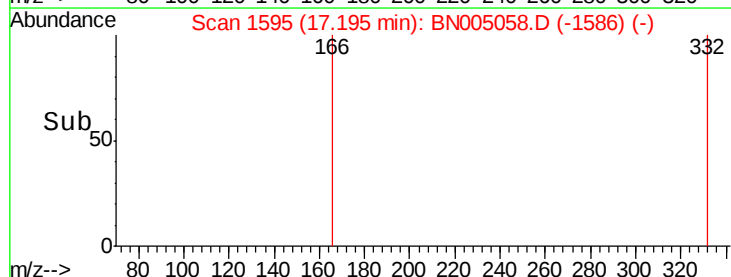
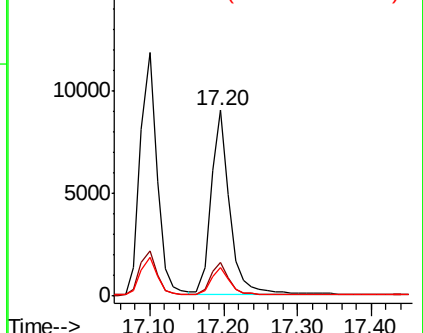
179 15.4 12.3 18.5

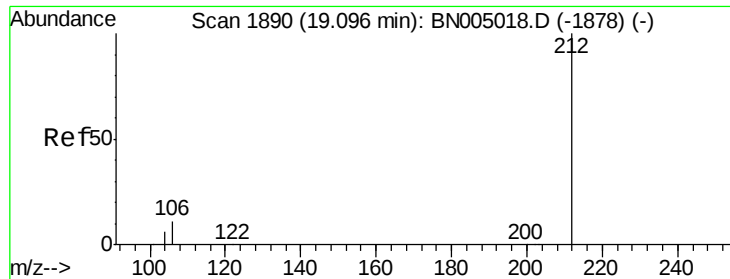


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

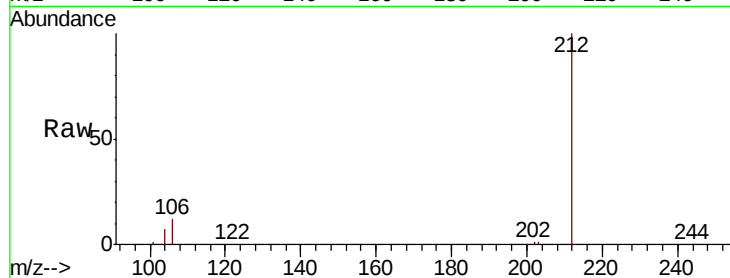




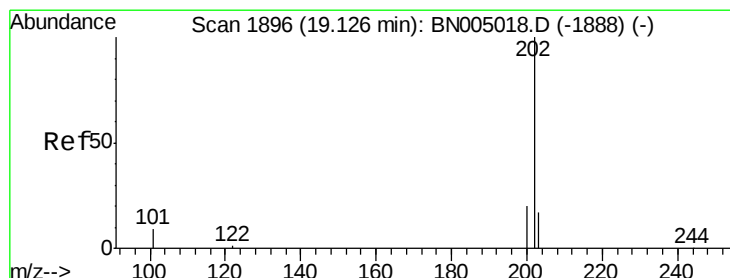
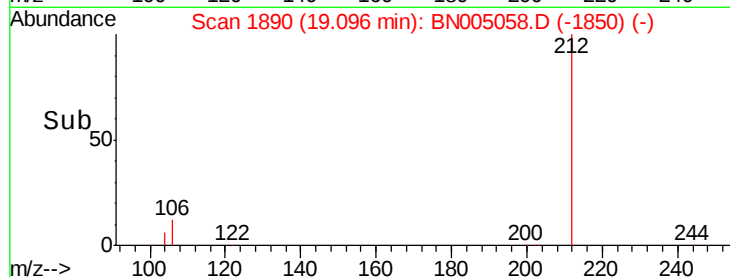
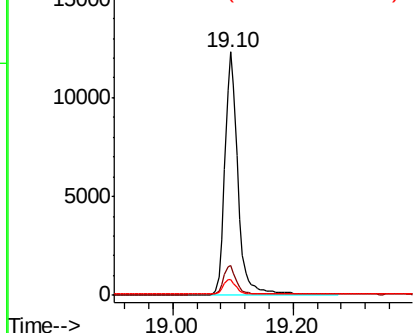
#25
 Fluoranthene-d10
 Concen: 0.373 ng
 RT: 19.10 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: BN005058.D
 Acq: 02 Apr 2019 12:49

Instrument :
 BNA_N
 ClientSampleId :
 PB118217BS

Tgt Ion: 212 Resp: 18288
 Ion Ratio Lower Upper
 212 100
 106 11.9 9.4 14.2
 104 6.5 5.4 8.0

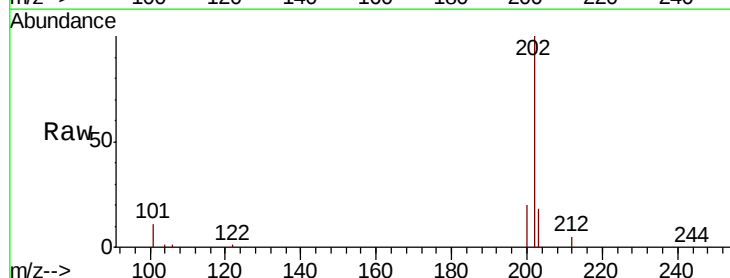


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

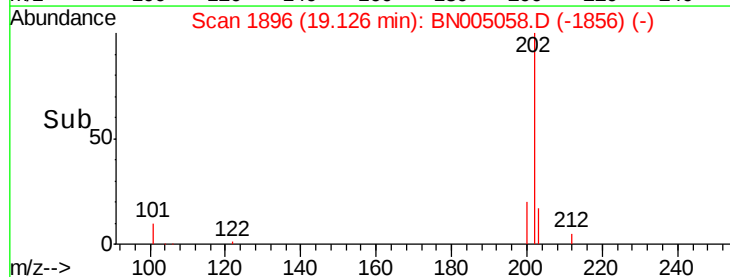
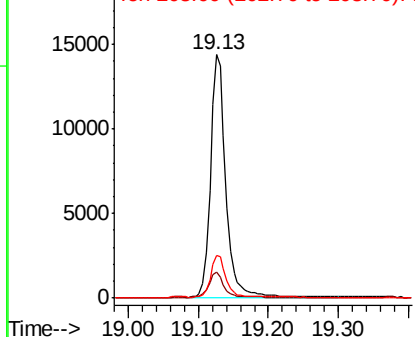


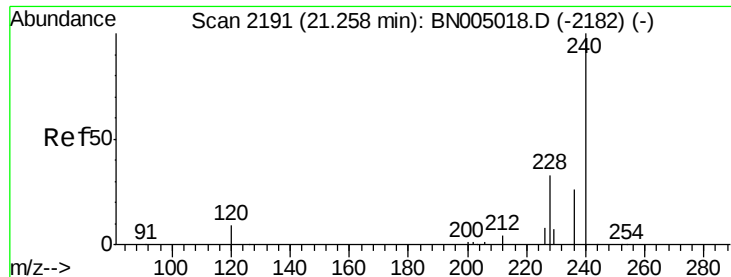
#26
 Fluoranthene
 Concen: 0.367 ng
 RT: 19.13 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BN005058.D
 Acq: 02 Apr 2019 12:49

Tgt Ion: 202 Resp: 21633
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.2 12.2
 203 17.5 13.8 20.8



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: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

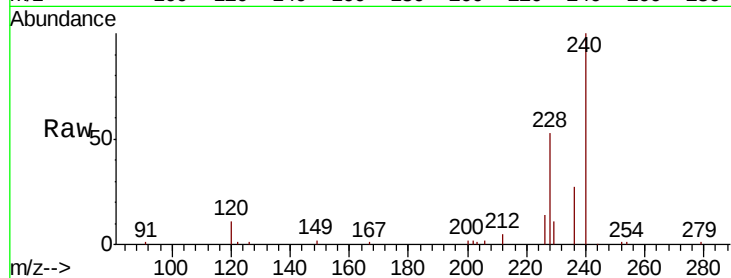
Tgt Ion:240 Resp: 18854

Ion Ratio Lower Upper

240 100

120 11.2 7.4 11.0#

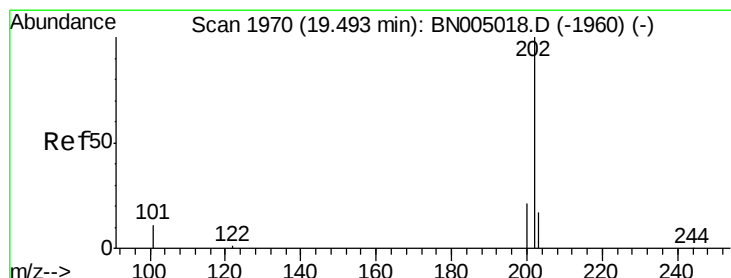
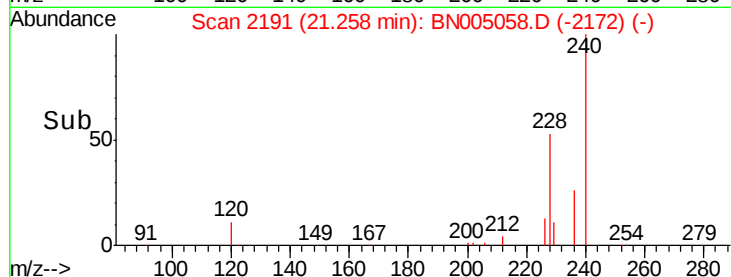
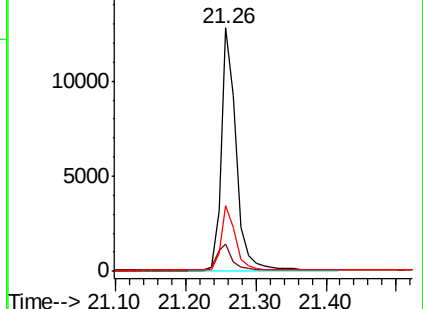
236 26.8 21.0 31.6



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: 0.408 ng

RT: 19.49 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

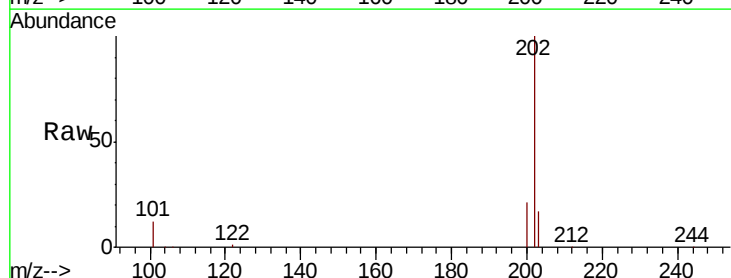
Tgt Ion:202 Resp: 21872

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

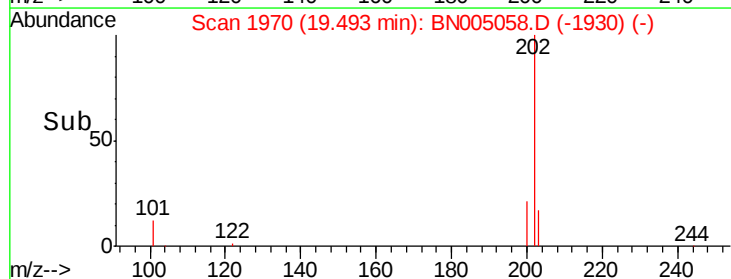
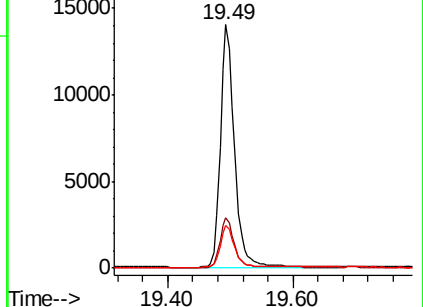
203 17.4 13.9 20.9

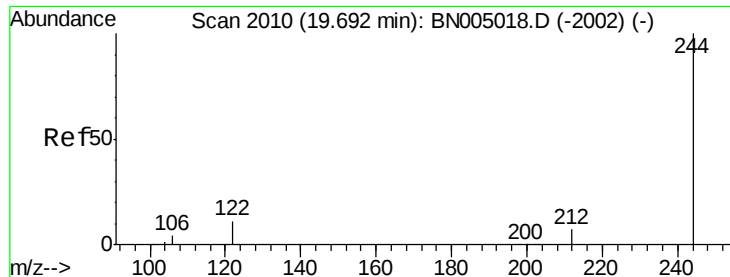


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

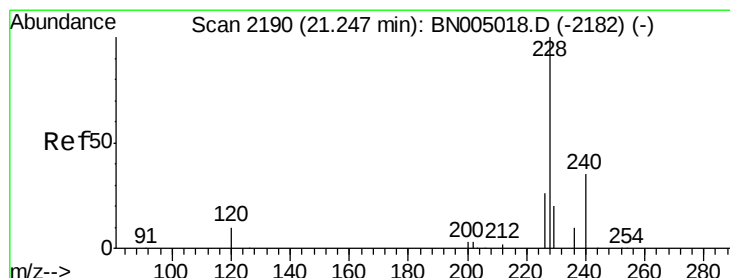
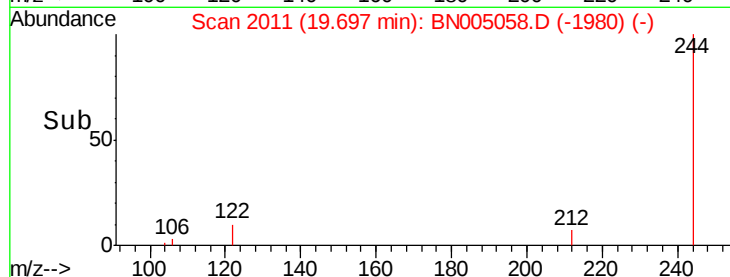
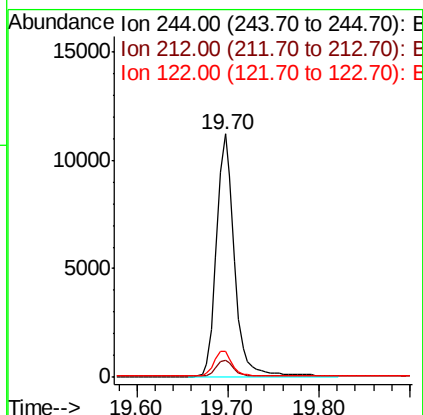
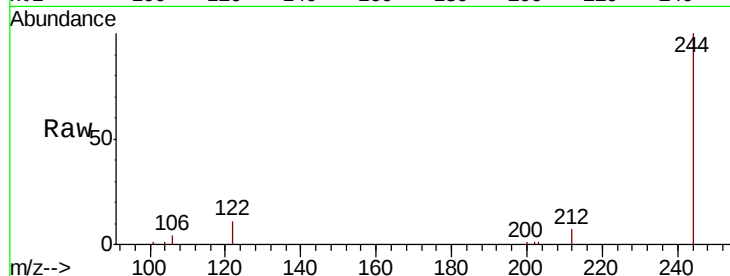




#29
 Terphenyl-d14
 Concen: 0.388 ng
 RT: 19.70 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BN005058.D
 Acq: 02 Apr 2019 12:49

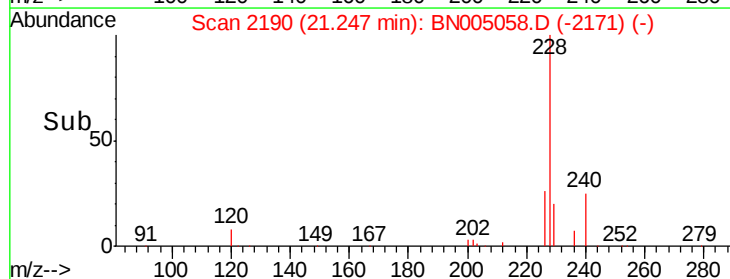
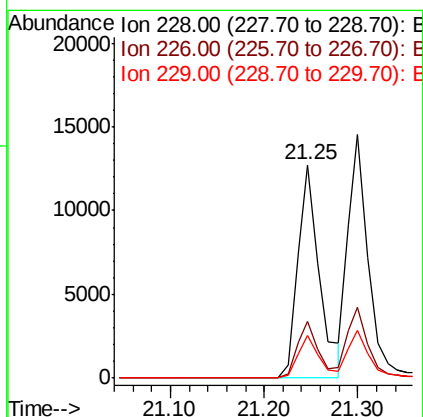
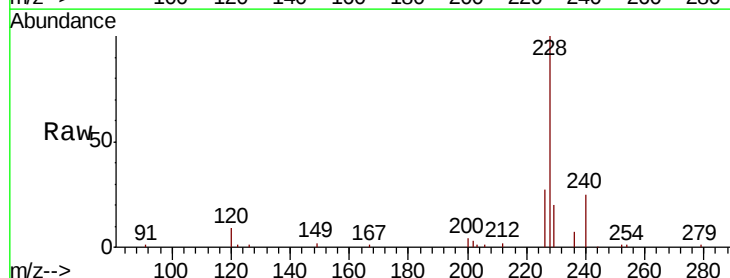
Instrument :
 BNA_N
 ClientSampleId :
 PB118217BS

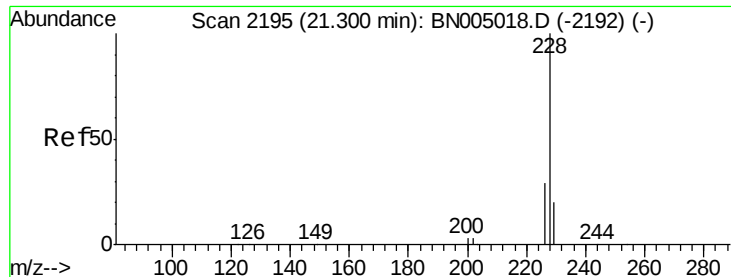
Tgt Ion: 244 Resp: 15024
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.6 9.0 13.4



#30
 Benzo(a)anthracene
 Concen: 0.381 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BN005058.D
 Acq: 02 Apr 2019 12:49

Tgt Ion: 228 Resp: 20275
 Ion Ratio Lower Upper
 228 100
 226 26.7 20.9 31.3
 229 19.8 16.2 24.2





#31

Chrysene

Concen: 0.375 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

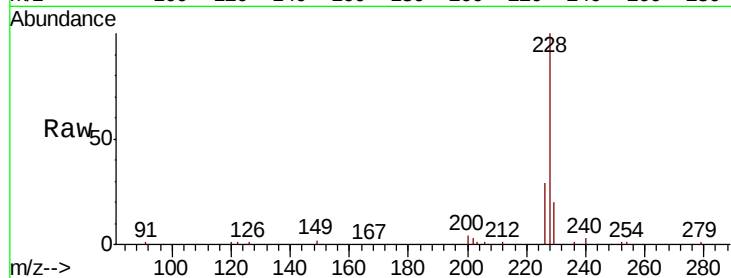
Tgt Ion:228 Resp: 21475

Ion Ratio Lower Upper

228 100

226 29.3 22.8 34.2

229 19.7 16.2 24.4

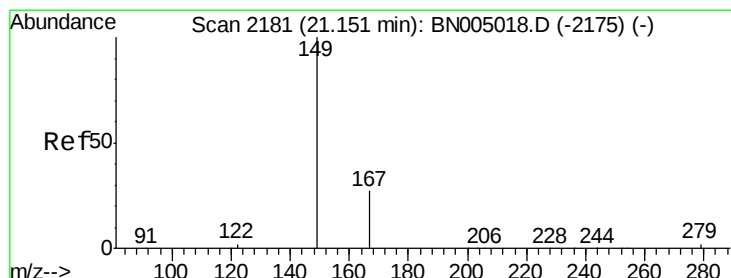
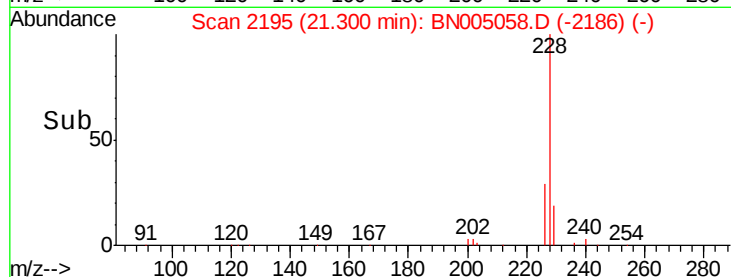
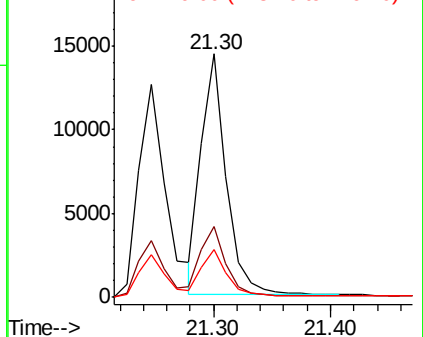


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.313 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

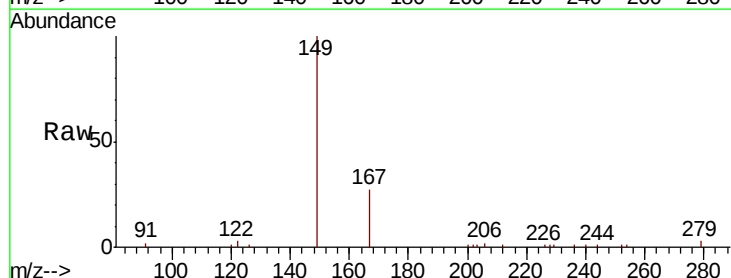
Tgt Ion:149 Resp: 6958

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

279 5.4 4.2 6.4

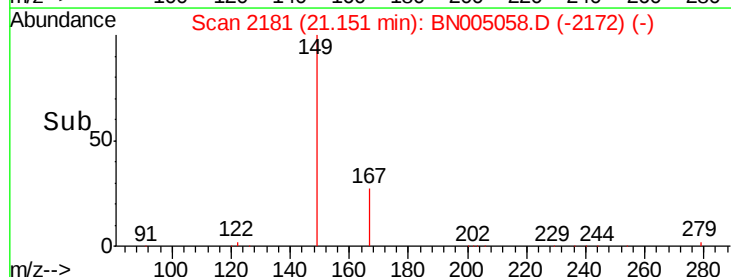
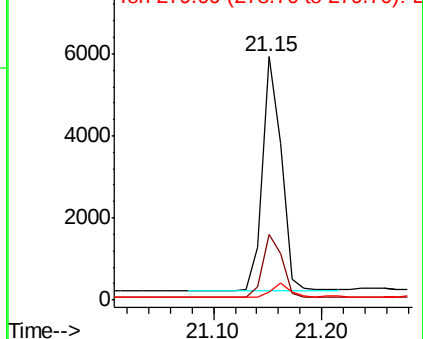


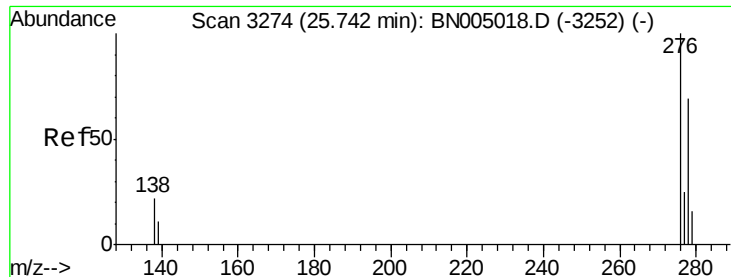
Abundance

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: 0.343 ng

RT: 25.75 min Scan# 3277

Delta R.T. 0.01 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

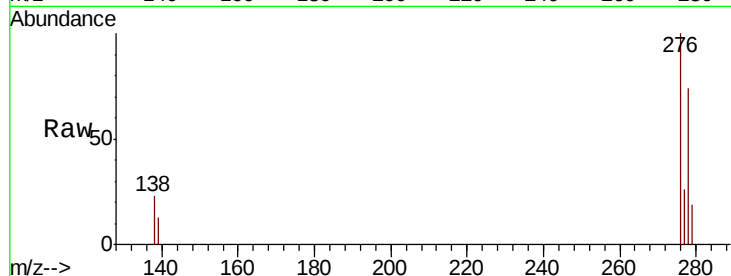
Tgt Ion:276 Resp: 22098

Ion Ratio Lower Upper

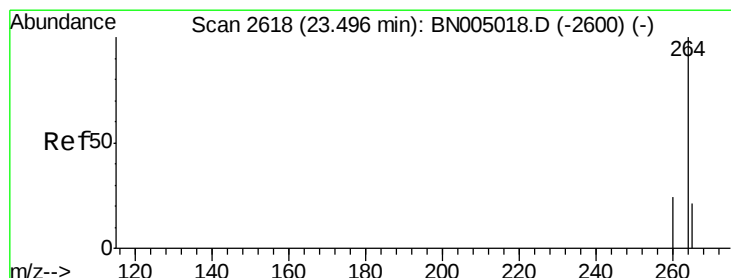
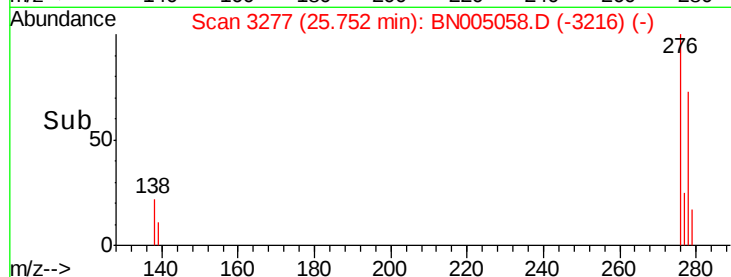
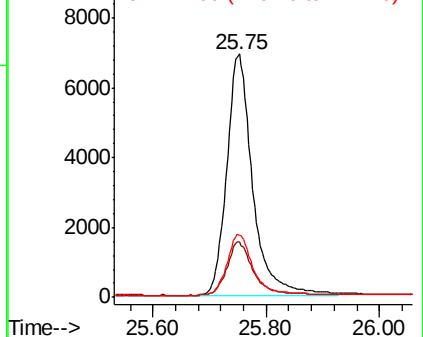
276 100

138 22.2 18.2 27.2

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: 23.50 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

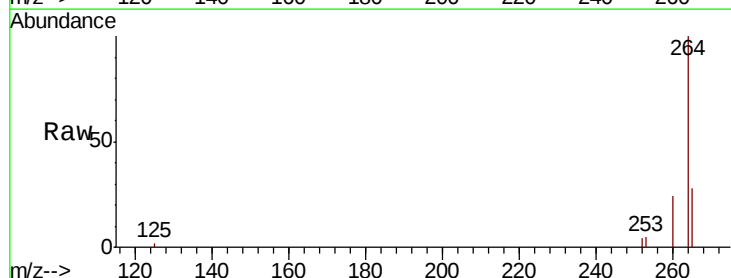
Tgt Ion:264 Resp: 17388

Ion Ratio Lower Upper

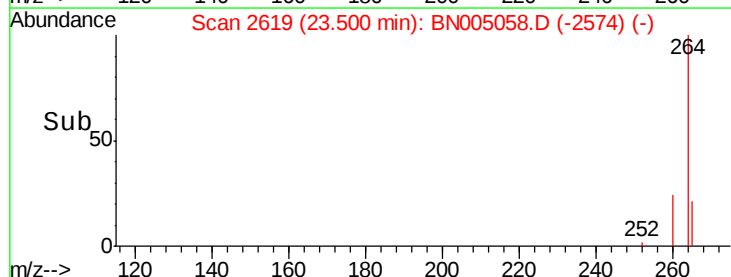
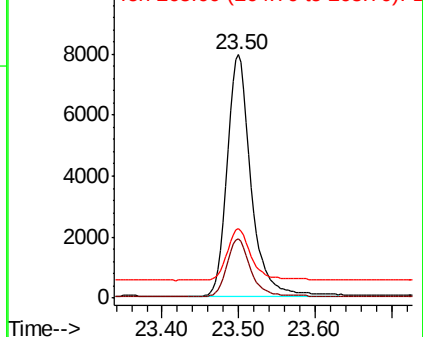
264 100

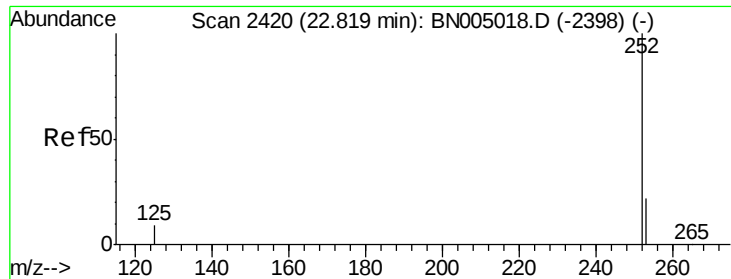
260 24.2 19.4 29.0

265 28.5 22.5 33.7



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: 0.386 ng

RT: 22.83 min Scan# 2422

Delta R.T. 0.01 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

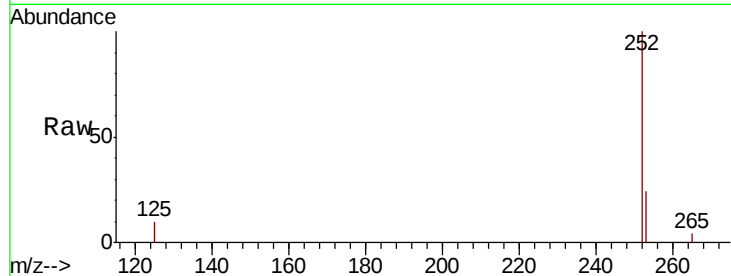
Tgt Ion:252 Resp: 21524

Ion Ratio Lower Upper

252 100

253 23.9 19.2 28.8

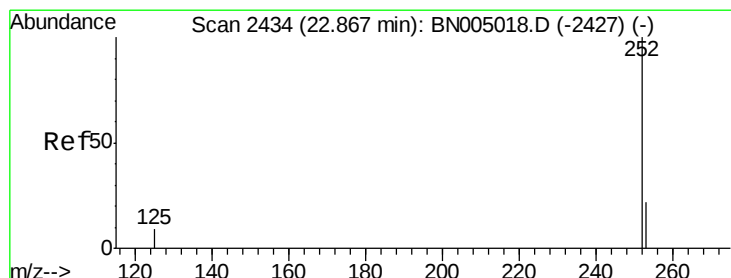
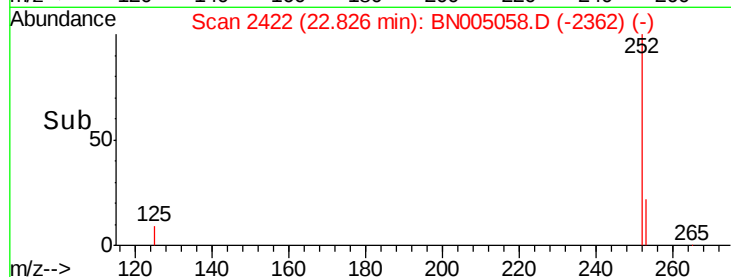
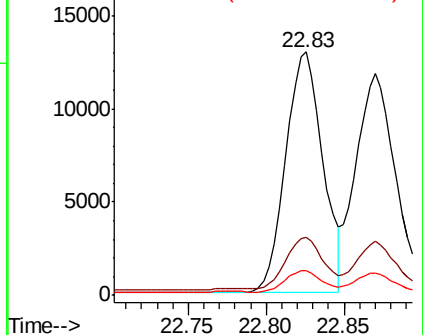
125 9.9 8.2 12.2



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: 0.405 ng

RT: 22.87 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

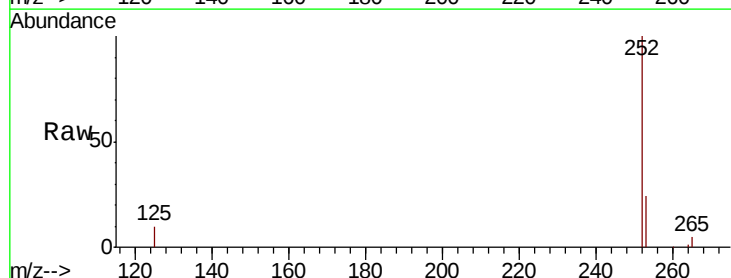
Tgt Ion:252 Resp: 21809

Ion Ratio Lower Upper

252 100

253 24.3 19.3 28.9

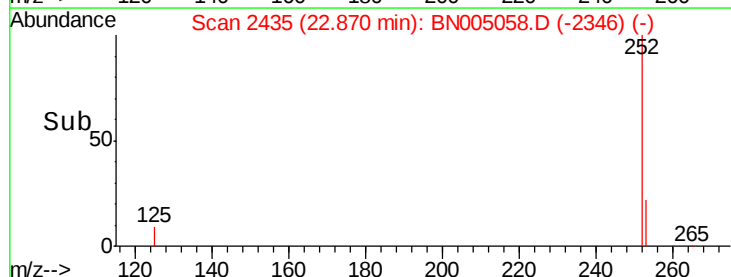
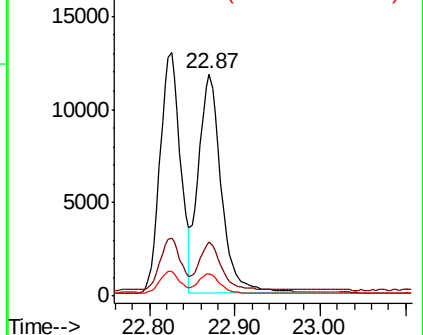
125 10.0 8.2 12.2

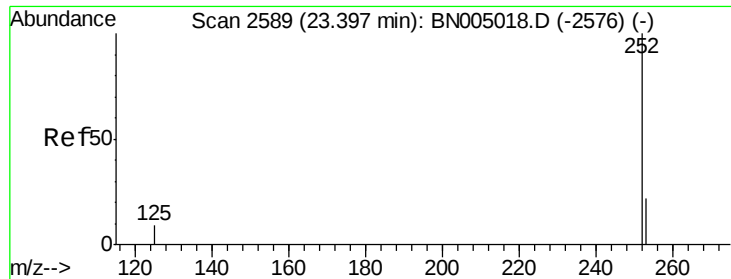


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.40 min Scan# 2591

Delta R.T. 0.01 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS

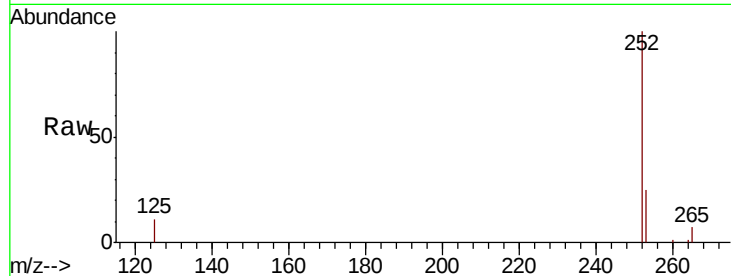
Tgt Ion:252 Resp: 18834

Ion Ratio Lower Upper

252 100

253 25.3 20.2 30.2

125 11.4 9.2 13.8

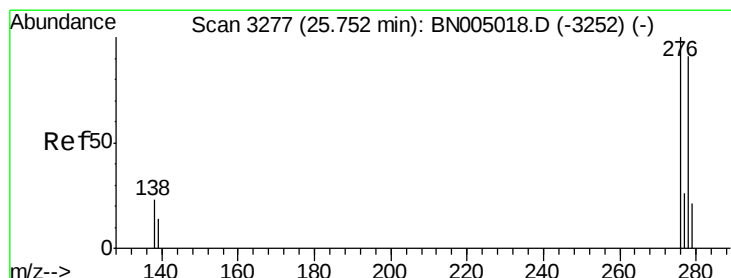
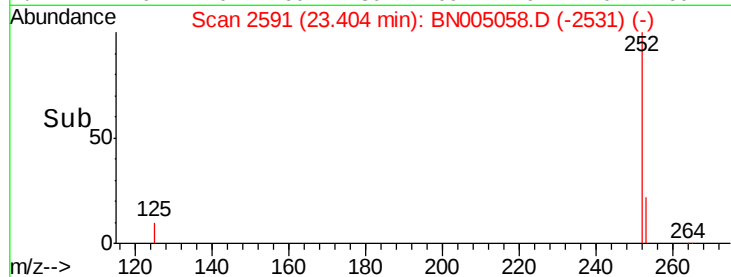
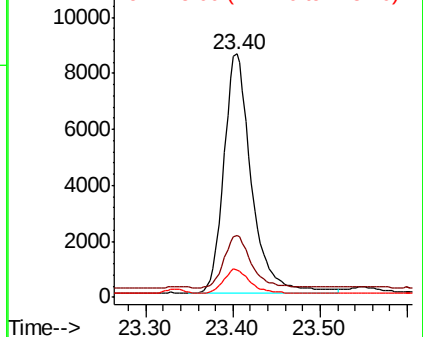


Abundance

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: 0.361 ng

RT: 25.76 min Scan# 3279

Delta R.T. 0.01 min

Lab File: BN005058.D

Acq: 02 Apr 2019 12:49

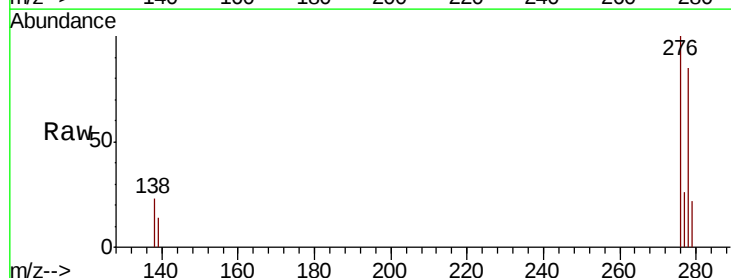
Tgt Ion:278 Resp: 17907

Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

279 26.1 20.2 30.2

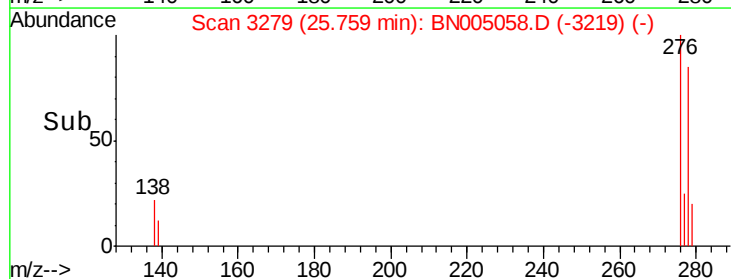
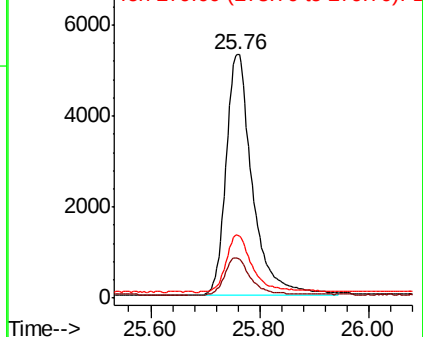


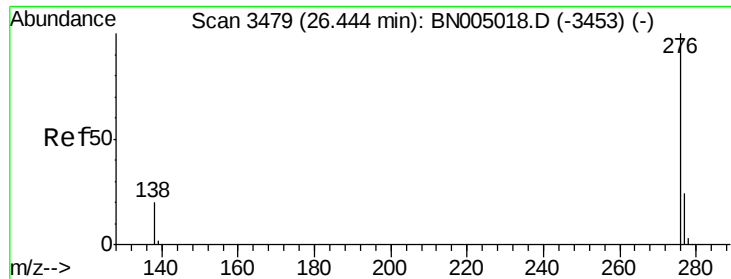
Abundance

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: 0.372 ng

RT: 26.44 min Scan# 3479

Delta R.T. 0.00 min

Lab File: BN005058.D

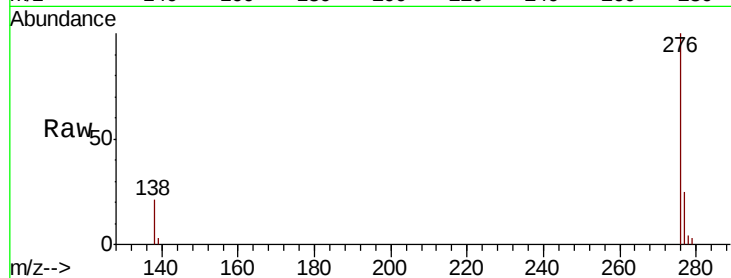
Acq: 02 Apr 2019 12:49

Instrument :

BNA_N

ClientSampleId :

PB118217BS



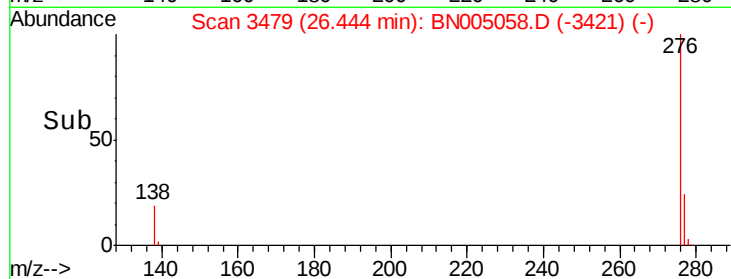
Tgt Ion: 276 Resp: 18591

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.6

138 20.5 16.4 24.6



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

