

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040119\
 Data File : BN005047.D
 Acq On : 01 Apr 2019 14:31
 Operator : JU/SJ
 Sample : PB118407BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118407BS

Quant Time: Apr 02 01:36:09 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	2902	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	12719	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7610	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	18169	0.40	ng	0.00
27) Chrysene-d12	21.26	240	19769	0.40	ng	0.00
34) Perylene-d12	23.50	264	18213	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	3028	0.42	ng	0.00
5) Phenol-d6	6.84	99	3601	0.42	ng	0.00
8) Nitrobenzene-d5	8.82	82	2978	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	8354	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1649	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	12327	0.43	ng	0.00
25) Fluoranthene-d10	19.10	212	21274	0.41	ng	0.00
29) Terphenyl-d14	19.70	244	17417	0.43	ng	0.00

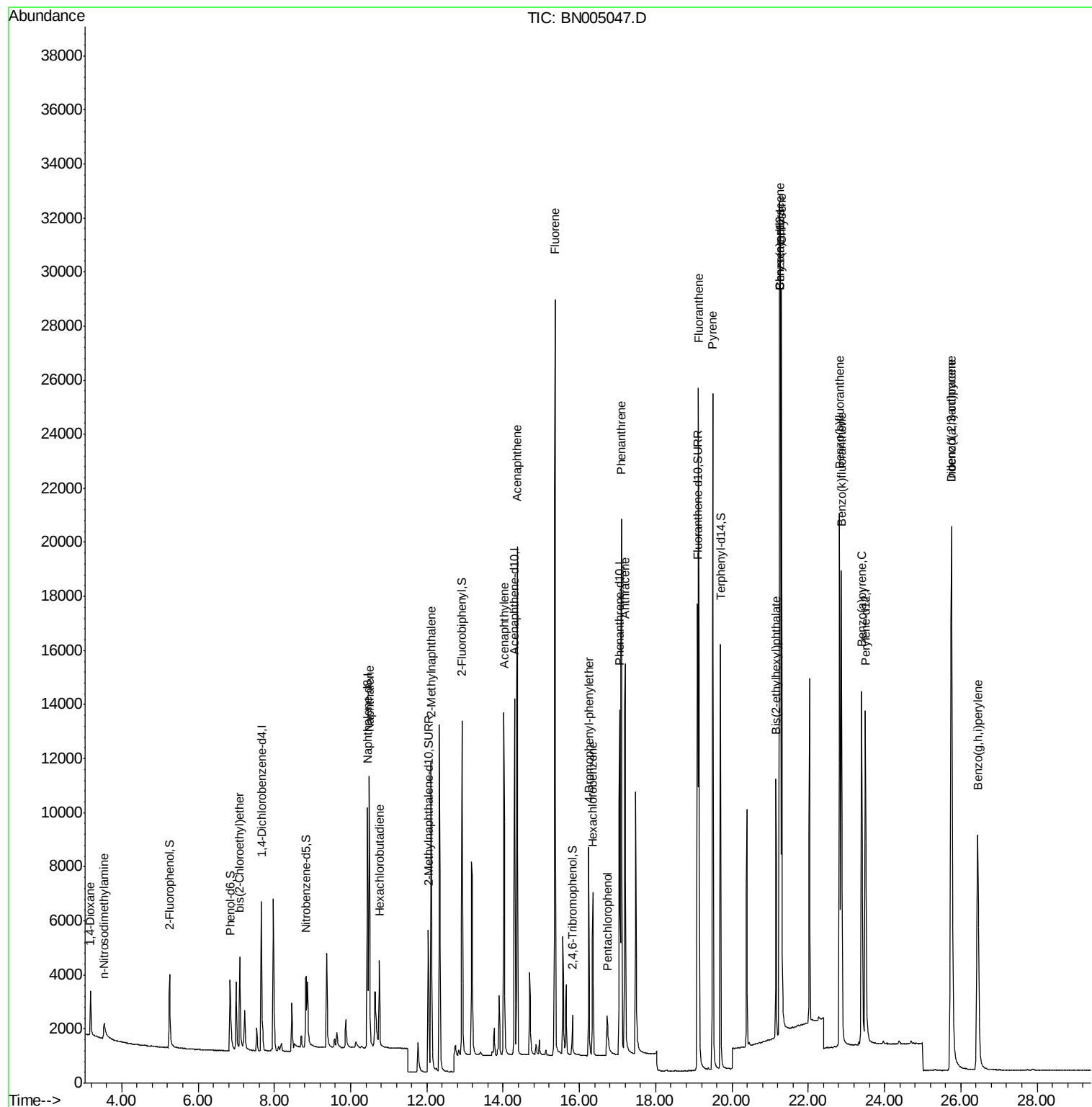
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	1251	0.401	ng	98
3) n-Nitrosodimethylamine	3.54	42	623	0.327	ng	# 96
6) bis(2-Chloroethyl)ether	7.10	93	3468	0.428	ng	97
9) Naphthalene	10.49	128	13711	0.429	ng	100
10) Hexachlorobutadiene	10.76	225	2589	0.436	ng	# 98
12) 2-Methylnaphthalene	12.11	142	9789	0.424	ng	97
16) Acenaphthylene	14.02	152	14646	0.408	ng	99
17) Acenaphthene	14.37	154	9785	0.429	ng	98
18) Fluorene	15.36	166	13100	0.428	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	4286	0.412	ng	96
21) Hexachlorobenzene	16.36	284	4975	0.433	ng	99
22) Pentachlorophenol	16.73	266	1585	0.727	ng	97
23) Phenanthrene	17.10	178	21523	0.423	ng	100
24) Anthracene	17.20	178	18532	0.409	ng	100
26) Fluoranthene	19.13	202	25023	0.402	ng	99
28) Pyrene	19.49	202	25330	0.451	ng	100
30) Benzo(a)anthracene	21.25	228	22713	0.407	ng	99
31) Chrysene	21.30	228	25694	0.428	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	8818	0.378	ng	99
33) Indeno(1,2,3-cd)pyrene	25.75	276	25541	0.378	ng	100
35) Benzo(b)fluoranthene	22.82	252	24624	0.422	ng	100
36) Benzo(k)fluoranthene	22.87	252	24674	0.437	ng	100
37) Benzo(a)pyrene	23.40	252	21773	0.419	ng	100
38) Dibenzo(a,h)anthracene	25.76	278	20826	0.401	ng	100
39) Benzo(g,h,i)perylene	26.44	276	21204	0.405	ng	99

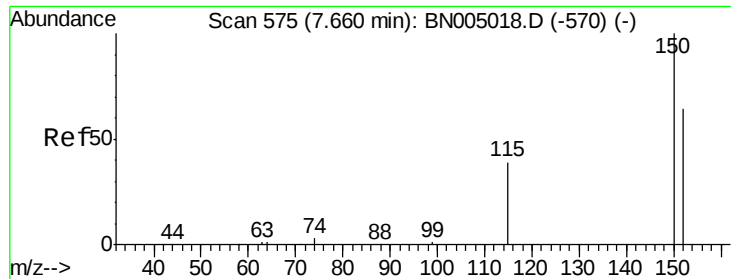
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

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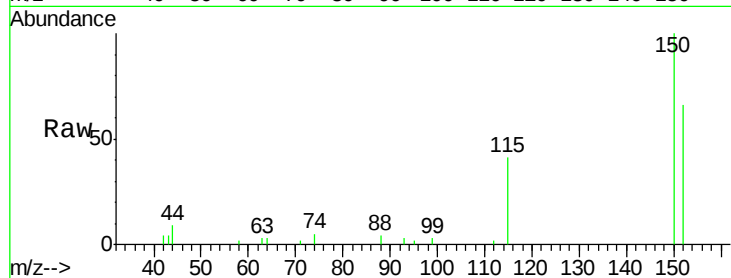
Tgt Ion:152 Resp: 2902

Ion Ratio Lower Upper

152 100

150 151.9 123.4 185.2

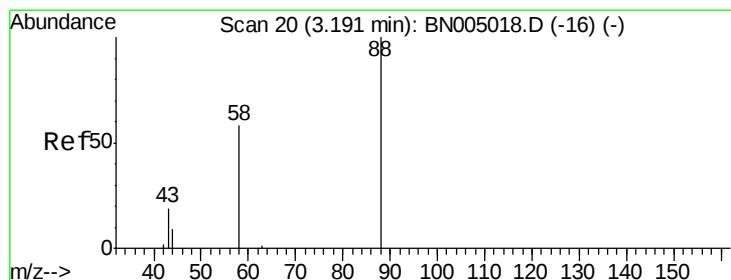
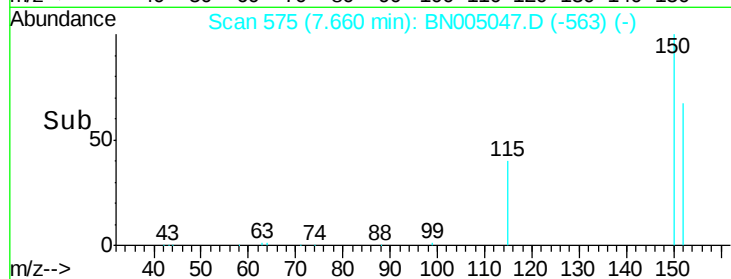
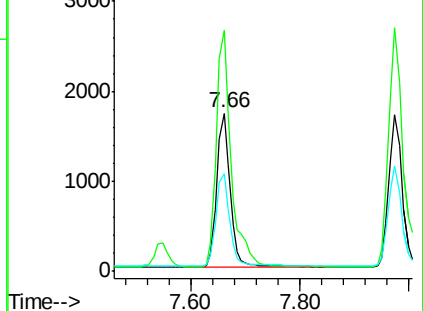
115 61.8 50.0 75.0



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: 0.401 ng

RT: 3.18 min Scan# 19

Delta R.T. -0.01 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

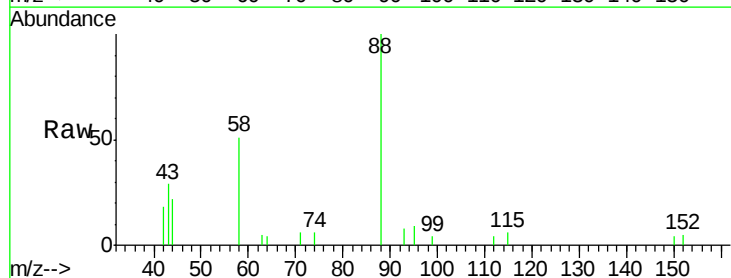
Tgt Ion: 88 Resp: 1251

Ion Ratio Lower Upper

88 100

58 68.3 52.8 79.2

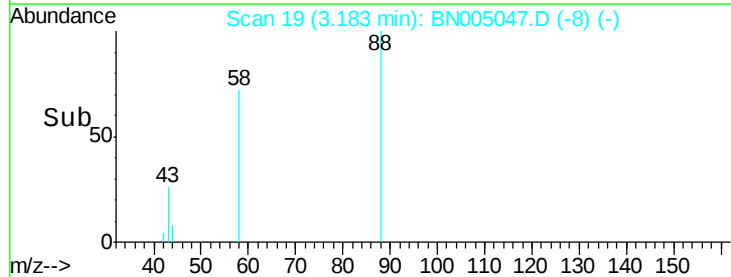
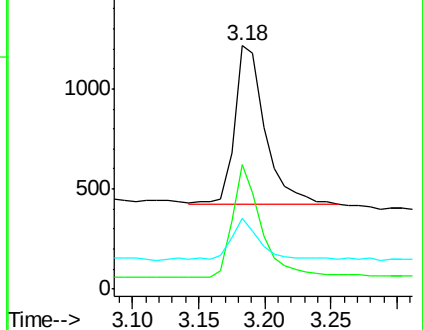
43 24.2 19.6 29.4

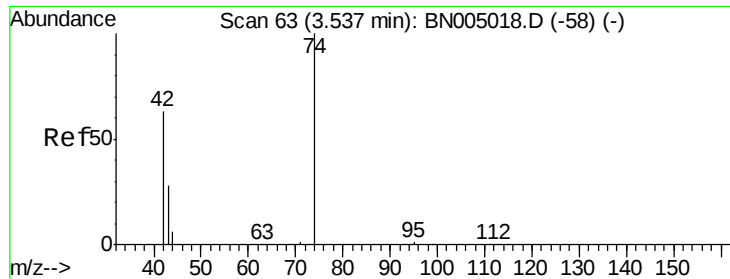


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.327 ng

RT: 3.54 min Scan# 63

Delta R.T. 0.00 min

Lab File: BN005047.D

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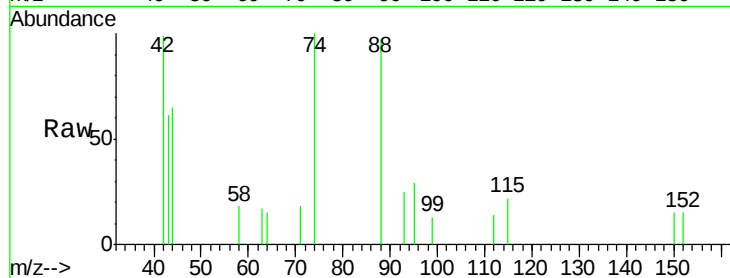
Tgt Ion: 42 Resp: 623

Ion Ratio Lower Upper

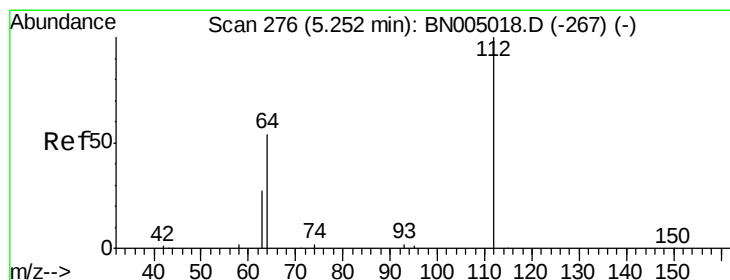
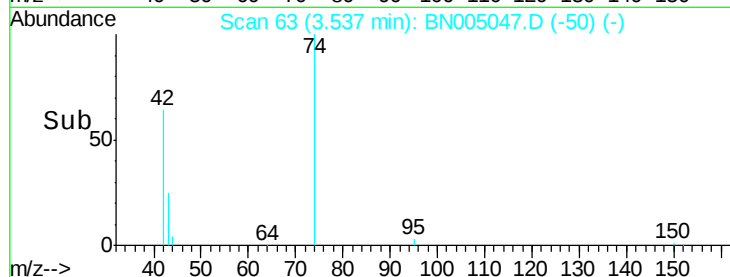
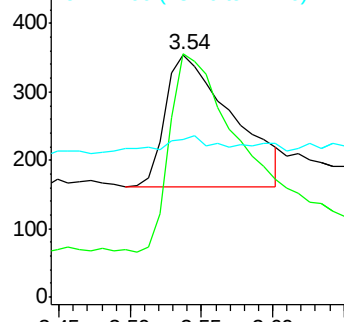
42 100

74 156.2 129.1 193.7

44 10.8 11.6 17.4#



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: 0.418 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

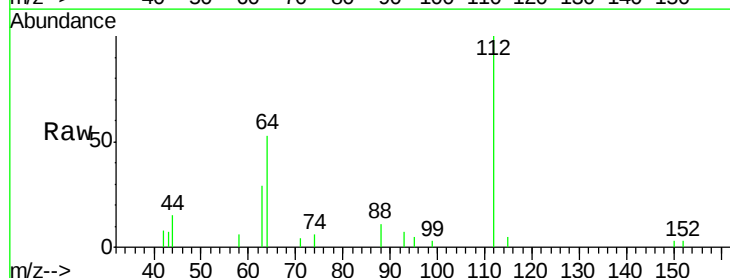
Tgt Ion: 112 Resp: 3028

Ion Ratio Lower Upper

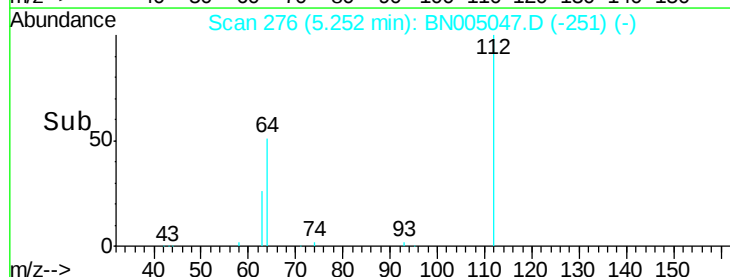
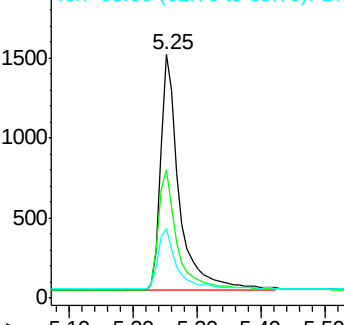
112 100

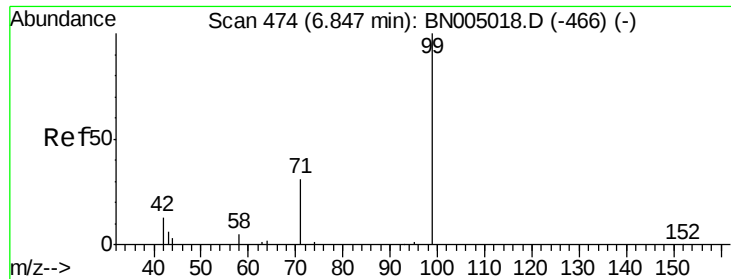
64 51.8 41.9 62.9

63 25.5 21.5 32.3



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: 0.420 ng

RT: 6.84 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

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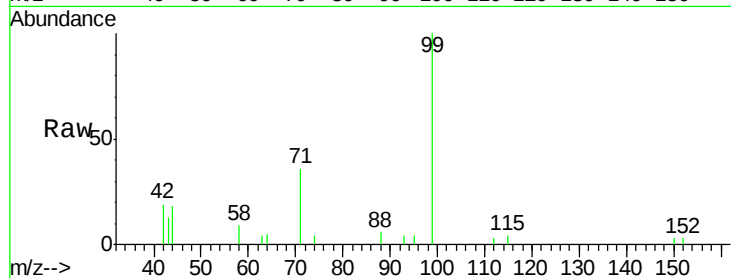
Tgt Ion: 99 Resp: 3601

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

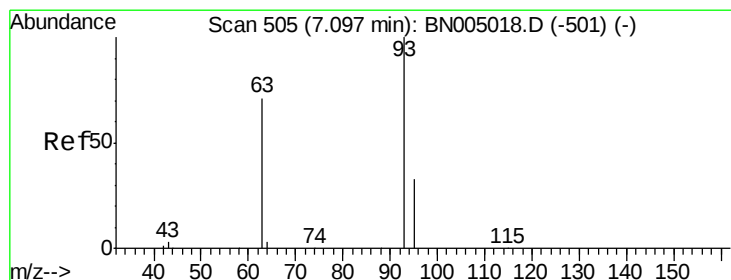
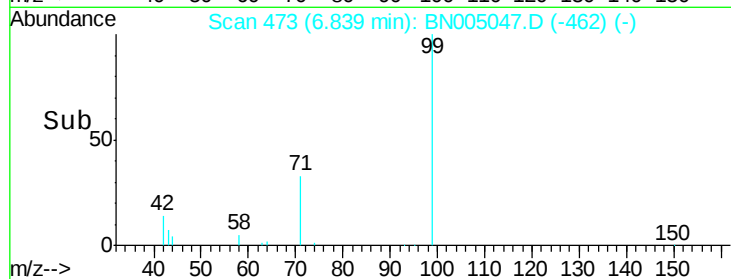
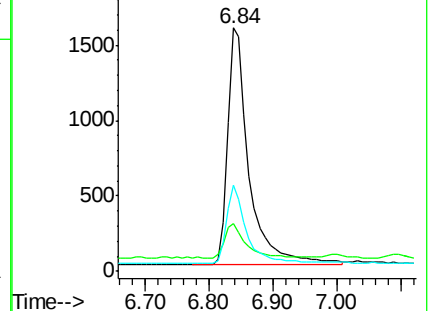
71 31.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN005018.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN005018.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN005018.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.428 ng

RT: 7.10 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

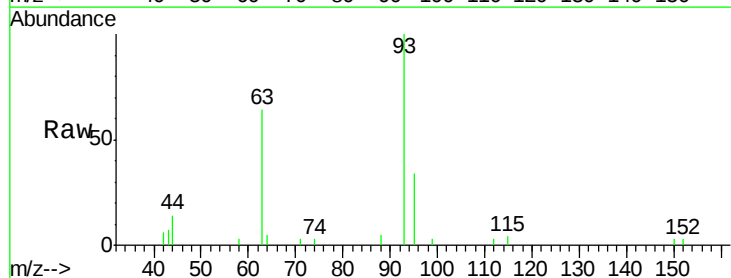
Tgt Ion: 93 Resp: 3468

Ion Ratio Lower Upper

93 100

63 63.2 51.8 77.6

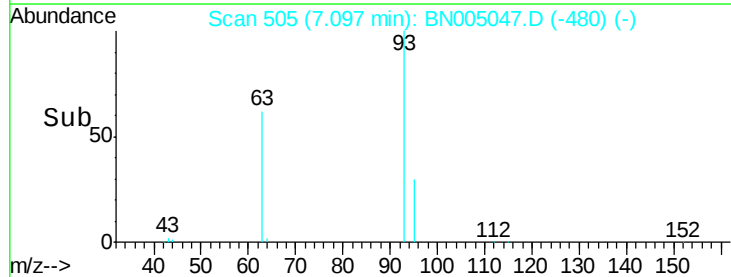
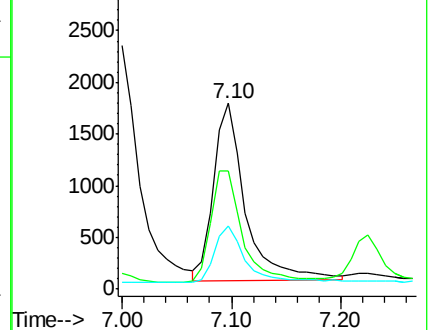
95 33.1 24.8 37.2

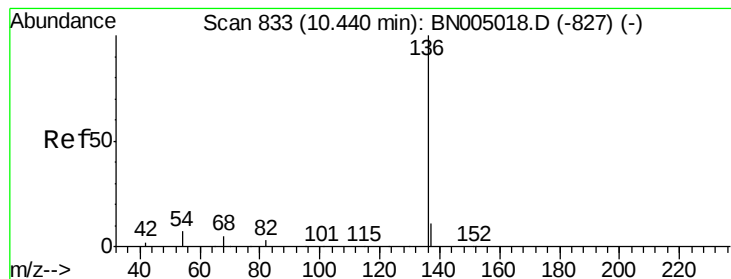


Abundance Ion 93.00 (92.70 to 93.70): BN005018.D (-501) (-)

Ion 63.00 (62.70 to 63.70): BN005018.D (-501) (-)

Ion 95.00 (94.70 to 95.70): BN005018.D (-501) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

Tgt Ion:136 Resp: 12719

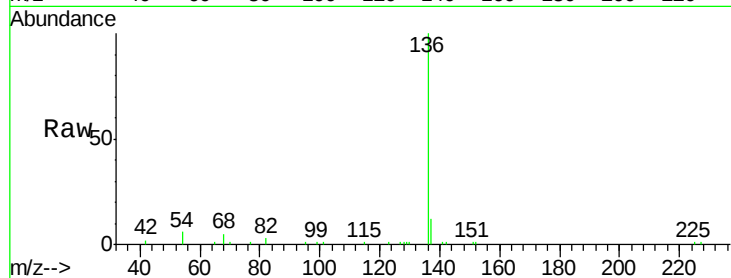
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 6.0 6.0 9.0

68 5.5 5.0 7.6

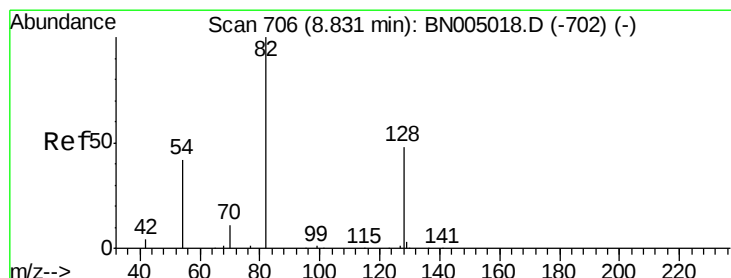
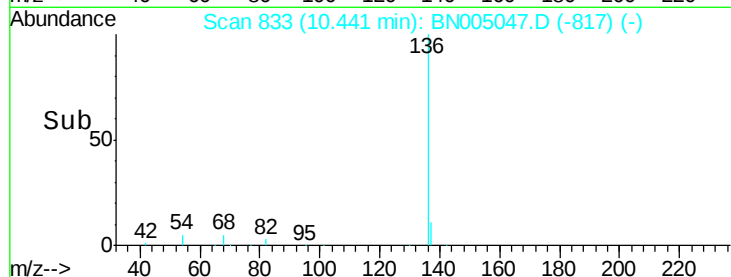
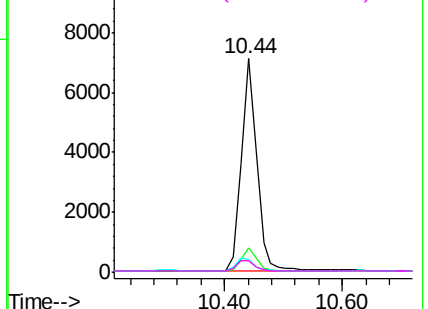


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.404 ng

RT: 8.82 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

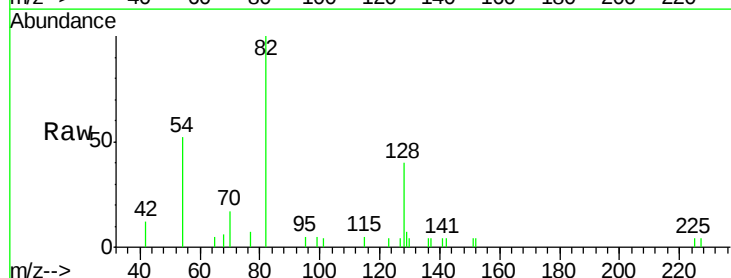
Tgt Ion: 82 Resp: 2978

Ion Ratio Lower Upper

82 100

128 40.2 40.5 60.7#

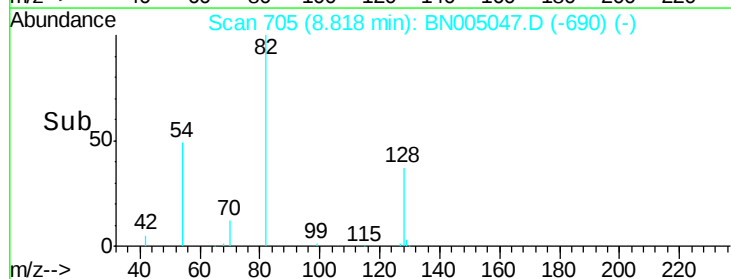
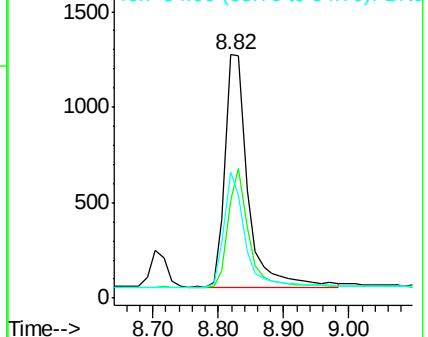
54 51.8 35.7 53.5

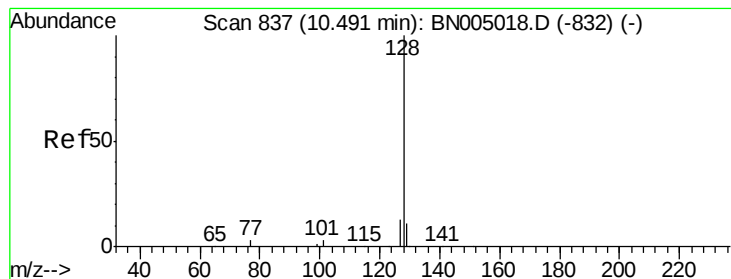


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.429 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

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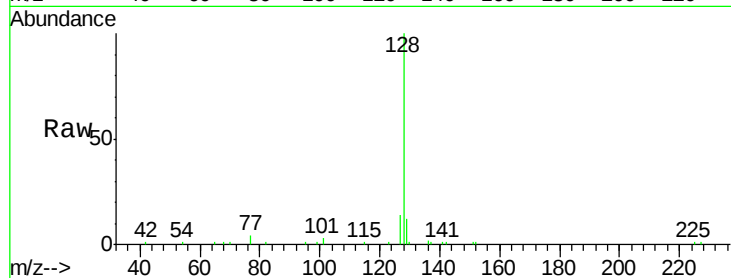
Tgt Ion:128 Resp: 13711

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

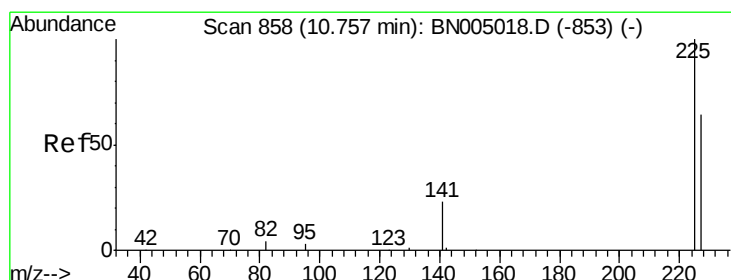
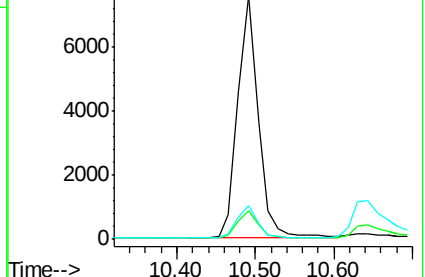
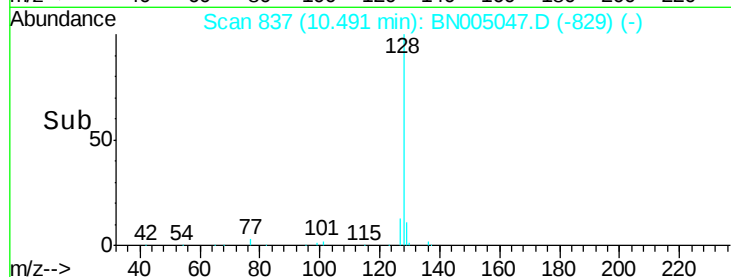
127 13.8 11.0 16.6



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: 0.436 ng

RT: 10.76 min Scan# 858

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

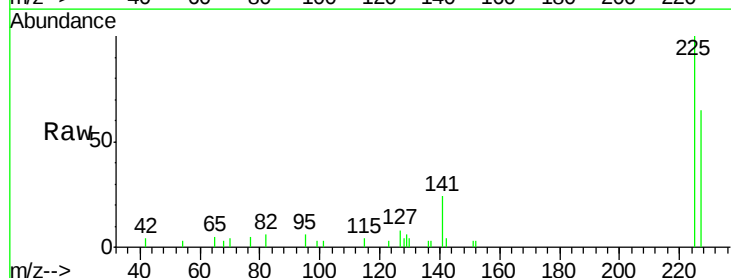
Tgt Ion:225 Resp: 2589

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

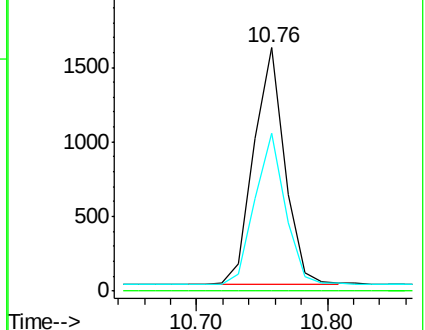
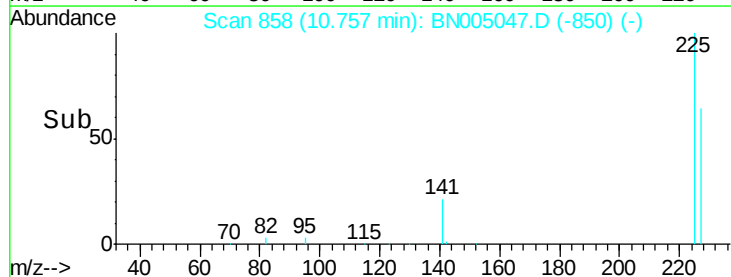
227 63.0 51.5 77.3

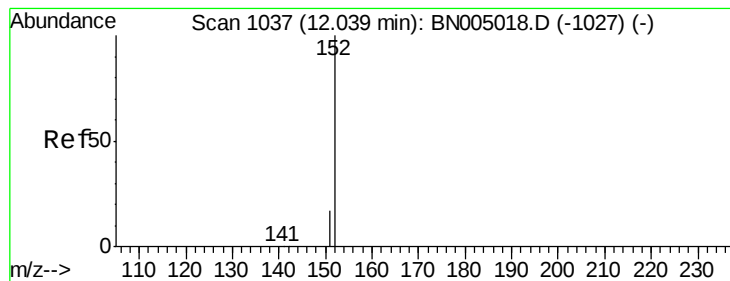


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

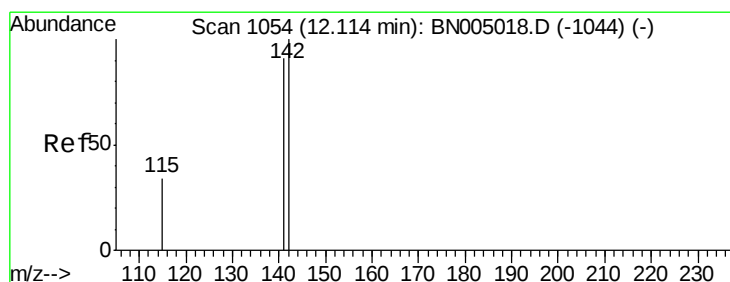
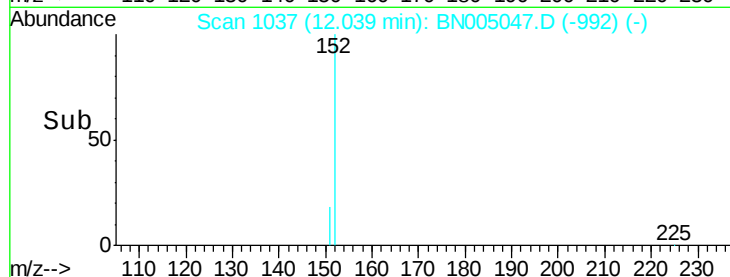
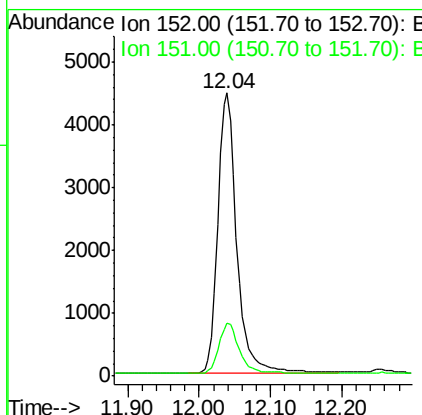
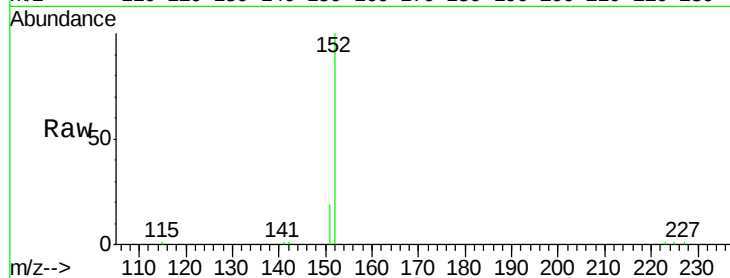




#11
 2-Methylnaphthalene-d10
 Concen: 0.424 ng
 RT: 12.04 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BN005047.D
 Acq: 01 Apr 2019 14:31

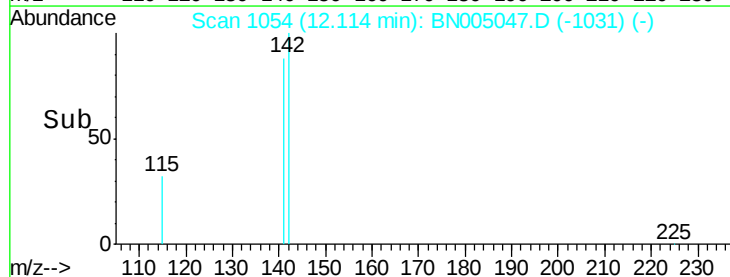
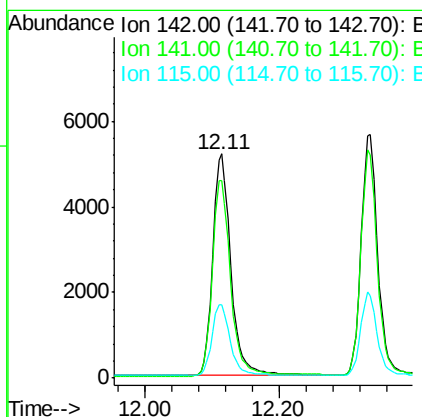
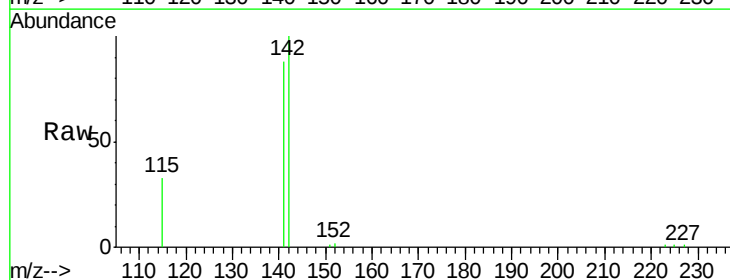
Instrument :
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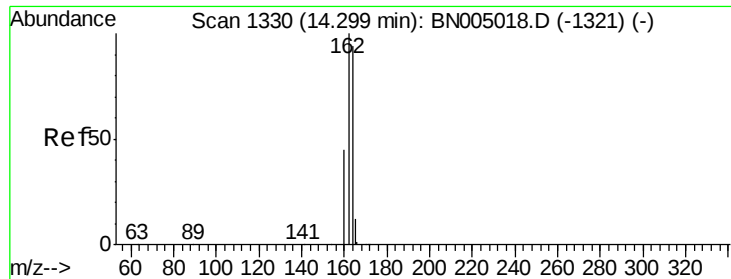
Tgt Ion:152 Resp: 8354
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.424 ng
 RT: 12.11 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BN005047.D
 Acq: 01 Apr 2019 14:31

Tgt Ion:142 Resp: 9789
 Ion Ratio Lower Upper
 142 100
 141 88.2 72.6 108.8
 115 32.6 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: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

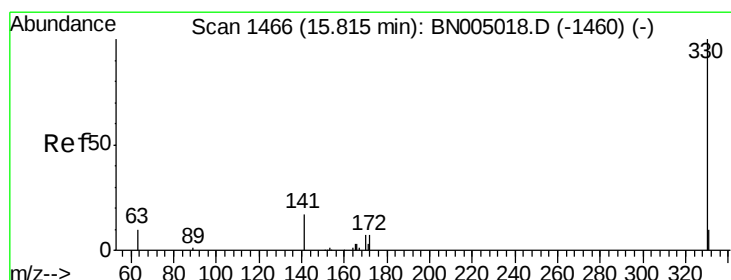
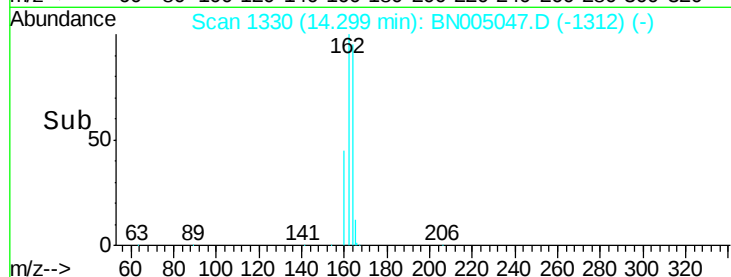
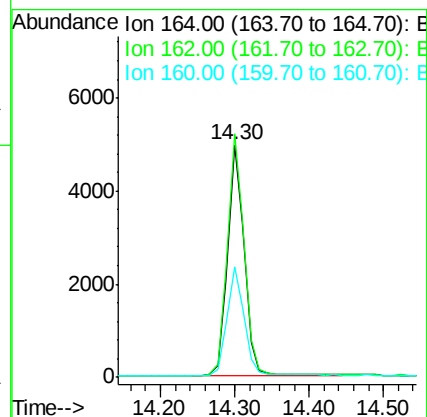
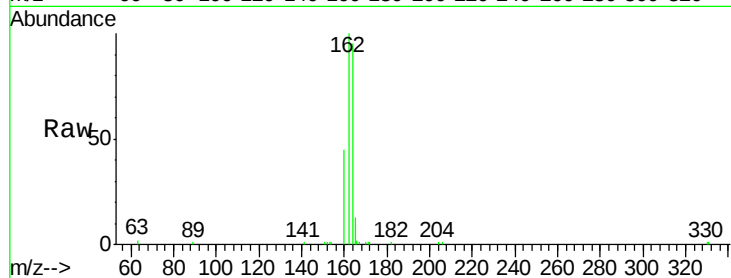
Tgt Ion:164 Resp: 7610

Ion Ratio Lower Upper

164 100

162 104.8 85.3 127.9

160 47.4 39.2 58.8



#14

2,4,6-Tribromophenol

Concen: 0.386 ng

RT: 15.81 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

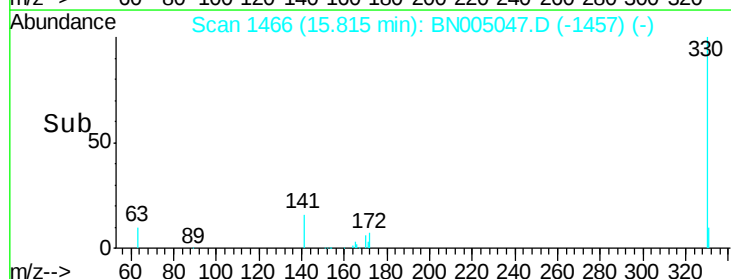
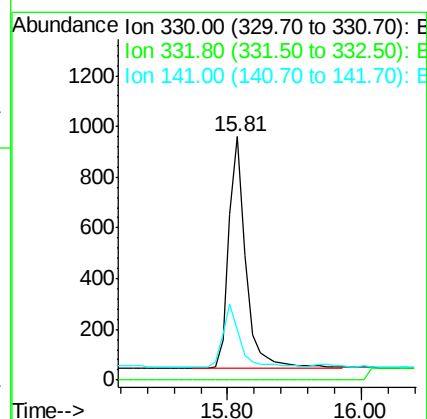
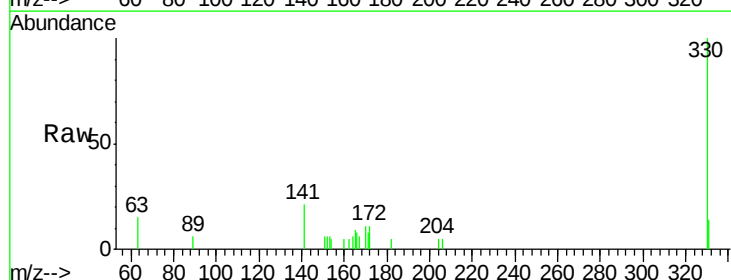
Tgt Ion:330 Resp: 1649

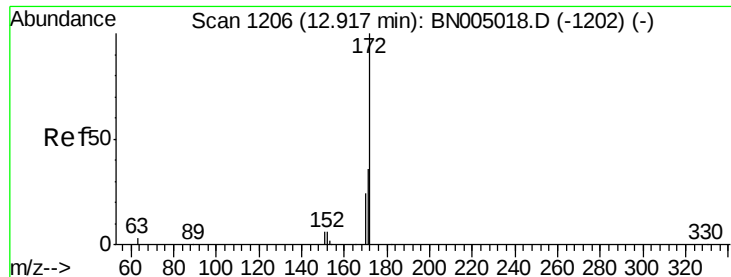
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 26.7 21.3 31.9

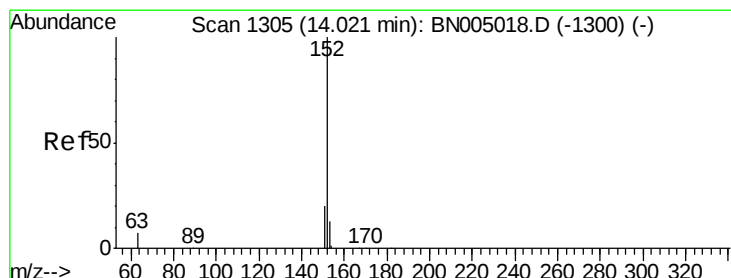
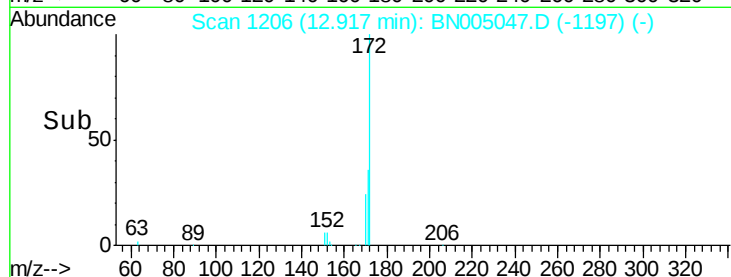
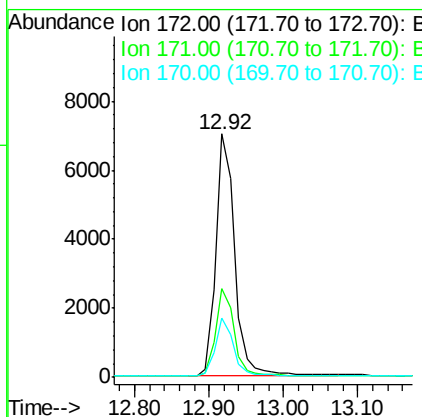
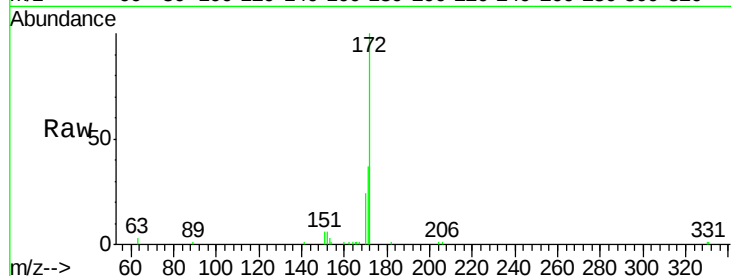




#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 12.92 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BN005047.D
Acq: 01 Apr 2019 14:31

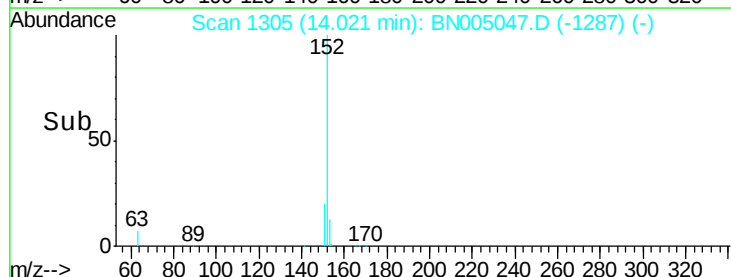
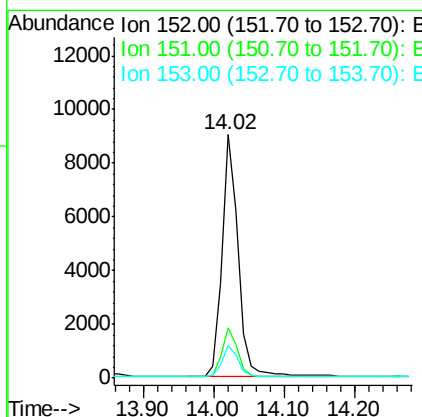
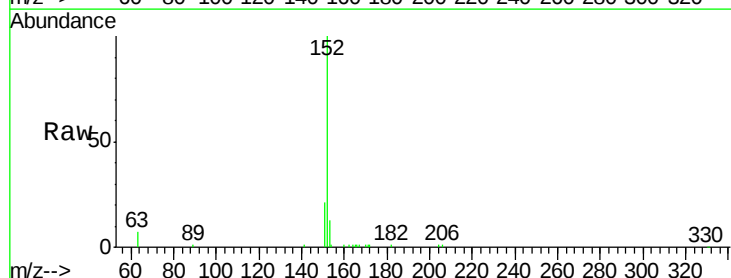
Instrument :
BNA_N
ClientSampleId :
PB118407BS

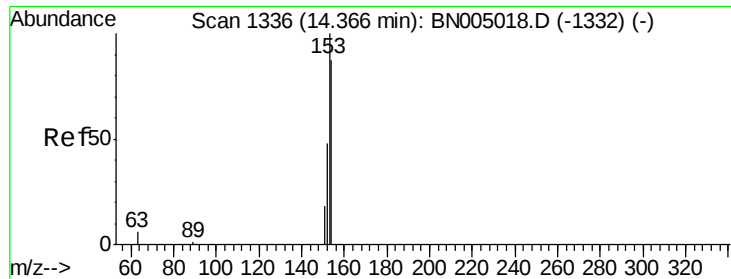
Tgt Ion:172 Resp: 12327
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.4 20.0 30.0



#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN005047.D
Acq: 01 Apr 2019 14:31

Tgt Ion:152 Resp: 14646
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.429 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

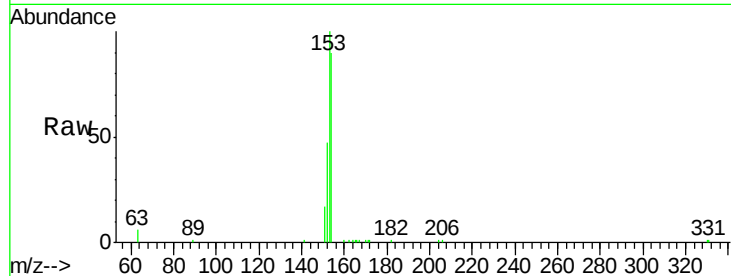
Tgt Ion:154 Resp: 9785

Ion Ratio Lower Upper

154 100

153 113.3 92.1 138.1

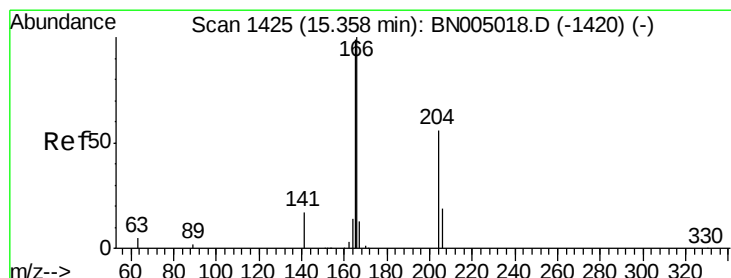
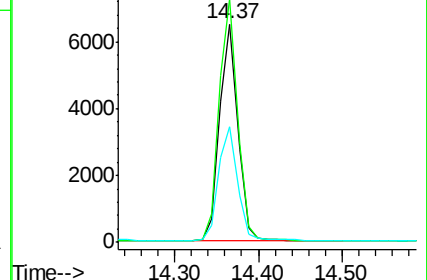
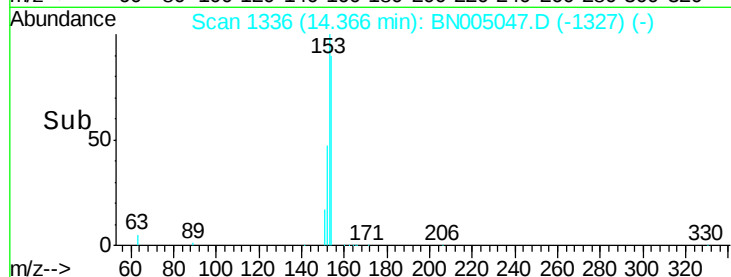
152 54.4 44.2 66.2



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: 0.428 ng

RT: 15.36 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

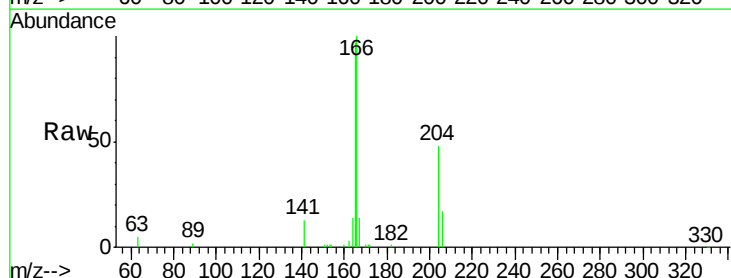
Tgt Ion:166 Resp: 13100

Ion Ratio Lower Upper

166 100

165 97.8 78.7 118.1

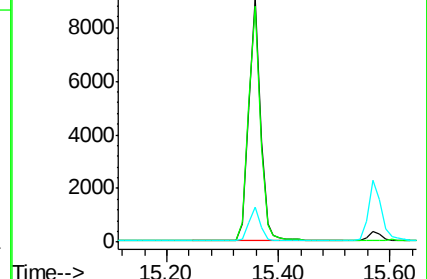
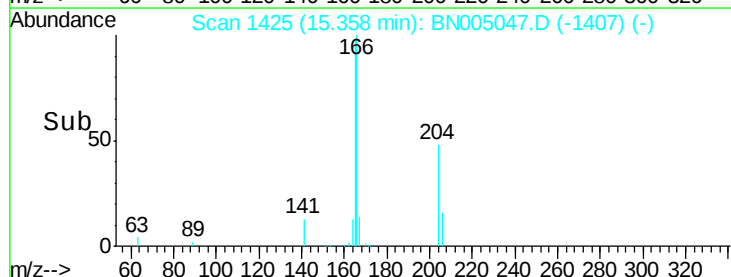
167 13.7 10.9 16.3

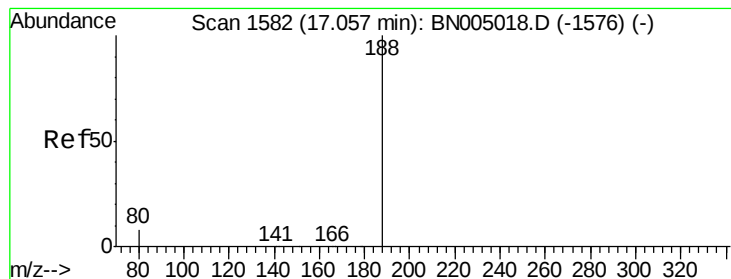


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

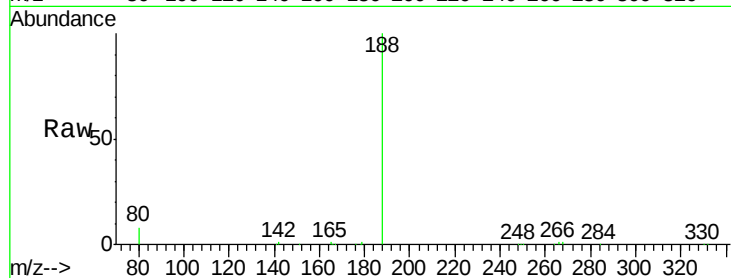
Tgt Ion:188 Resp: 18169

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

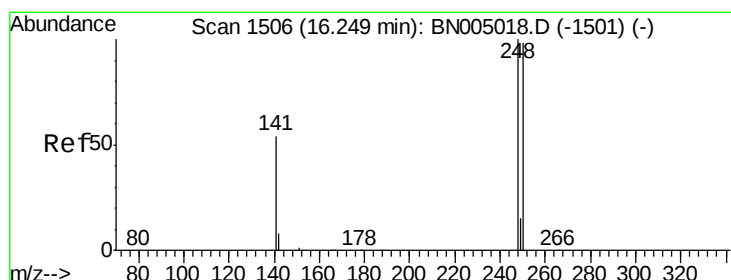
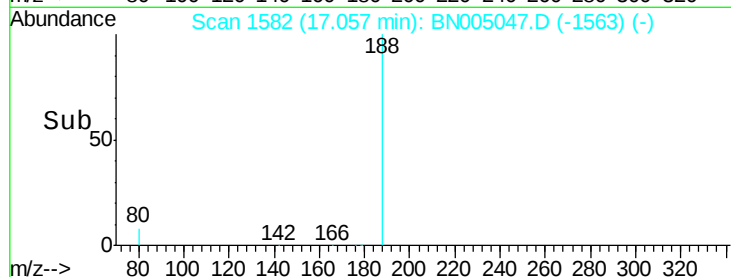
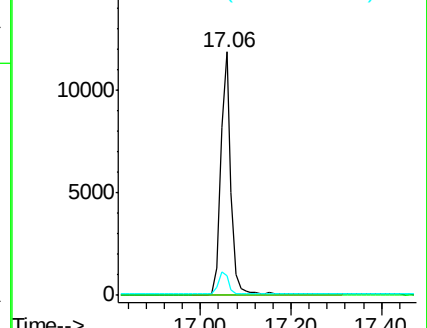
80 7.9 6.9 10.3



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: 0.412 ng

RT: 16.25 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

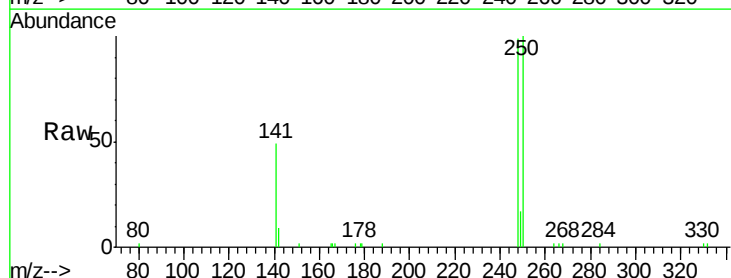
Tgt Ion:248 Resp: 4286

Ion Ratio Lower Upper

248 100

250 101.0 78.6 117.8

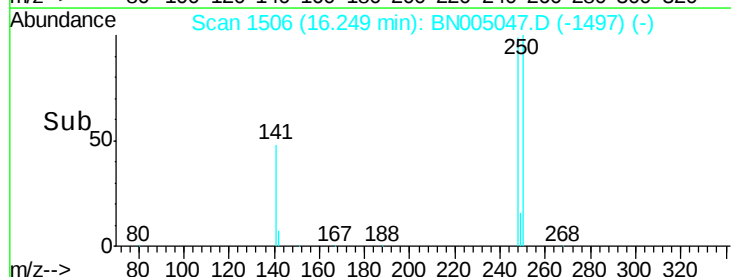
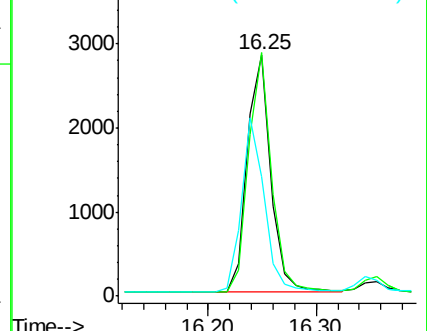
141 49.7 43.6 65.4

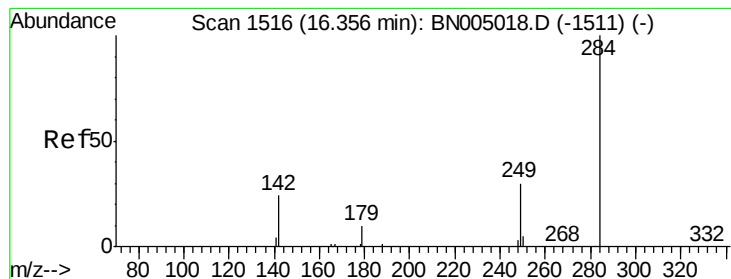


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.433 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

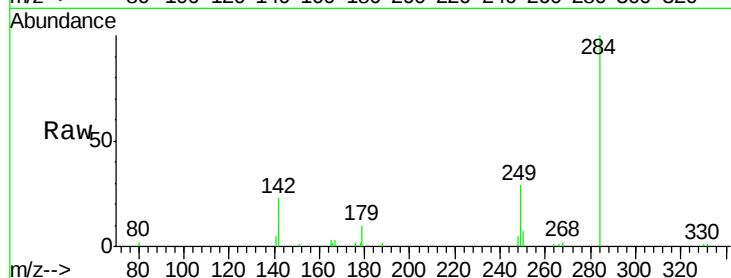
Tgt Ion:284 Resp: 4975

Ion Ratio Lower Upper

284 100

142 29.8 24.9 37.3

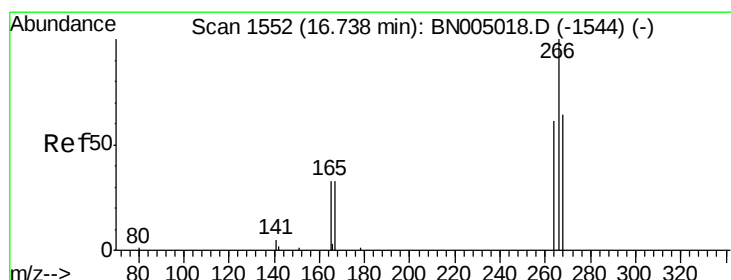
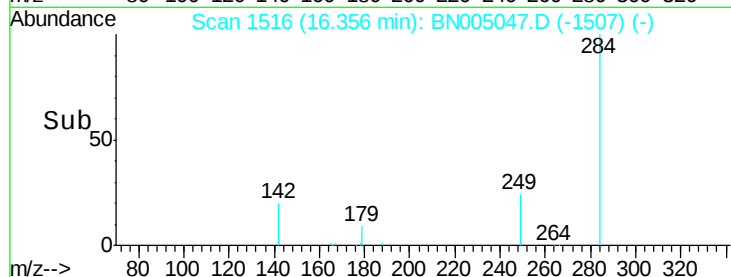
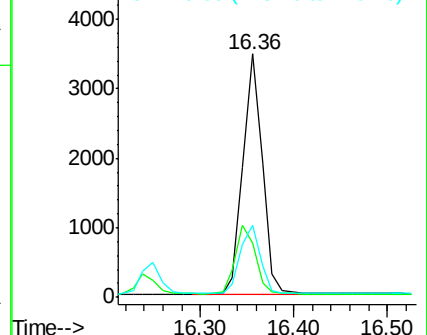
249 29.4 23.8 35.6



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: 0.727 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

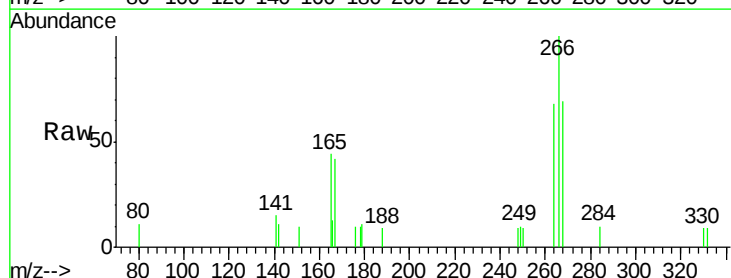
Tgt Ion:266 Resp: 1585

Ion Ratio Lower Upper

266 100

264 67.9 53.4 80.0

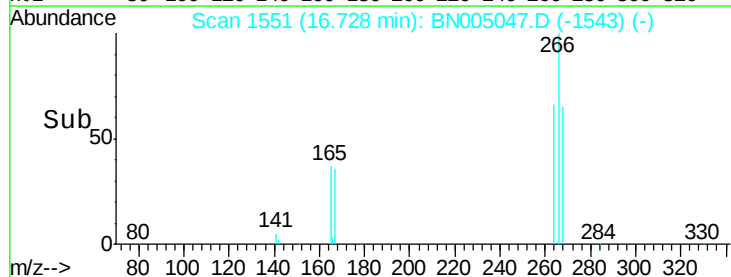
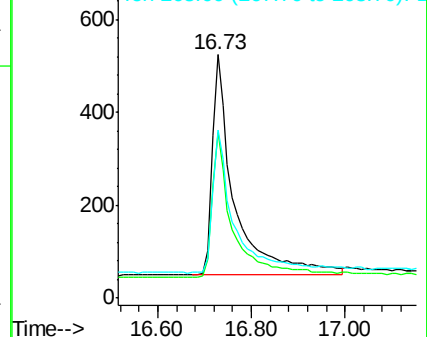
268 69.3 58.9 88.3

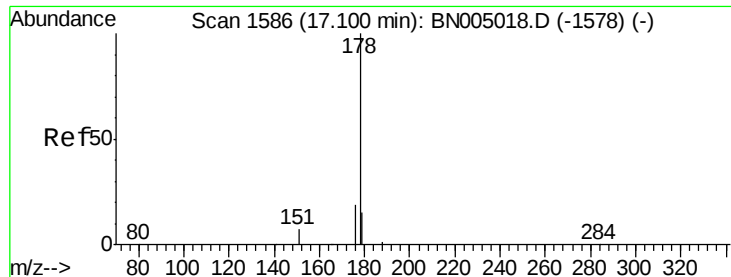


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.423 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

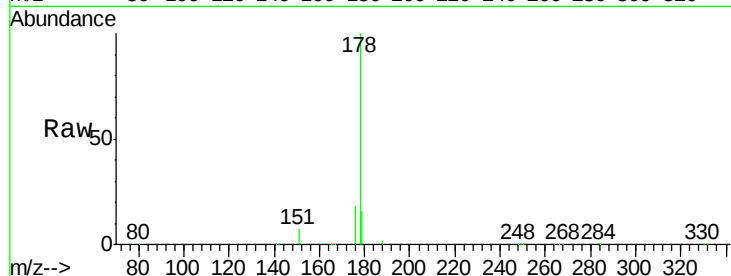
Tgt Ion:178 Resp: 21523

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

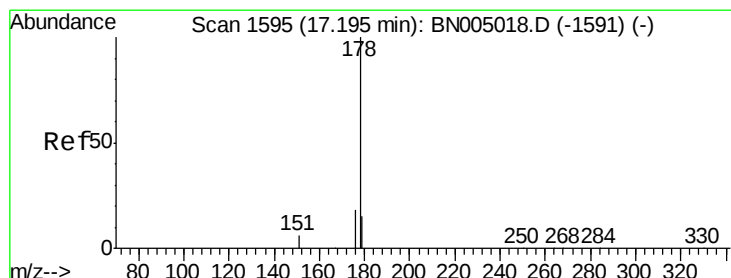
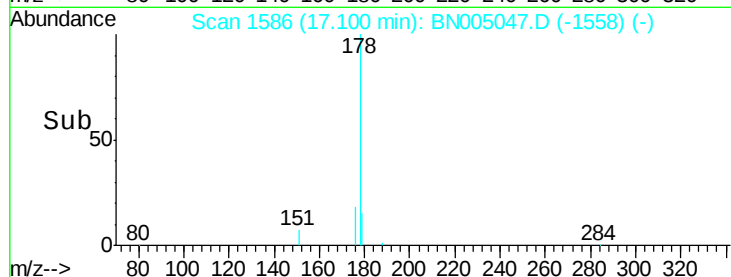
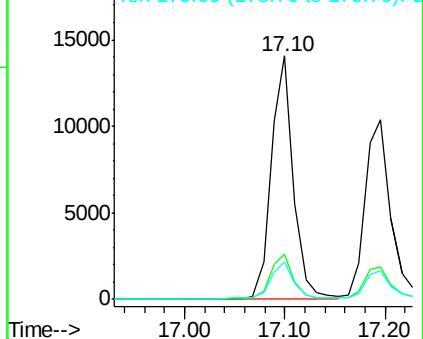
179 15.3 12.2 18.2



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: 0.409 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

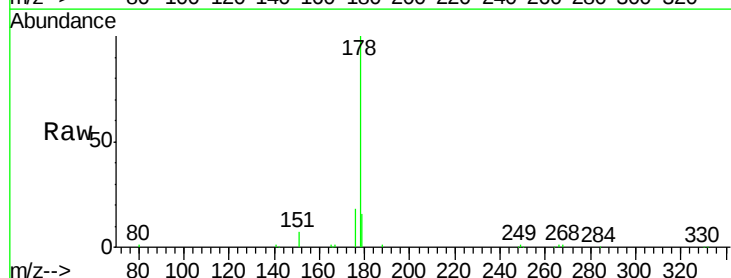
Tgt Ion:178 Resp: 18532

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

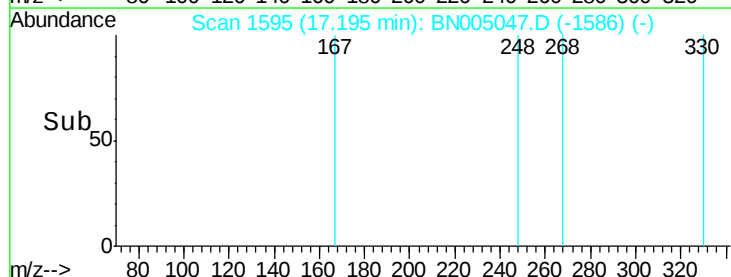
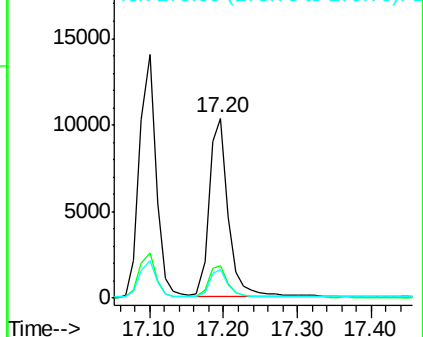
179 15.2 12.3 18.5

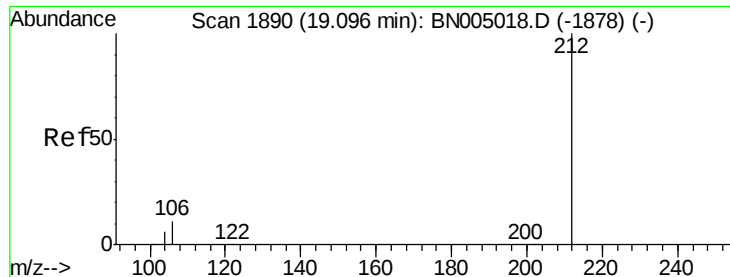


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 19.10 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

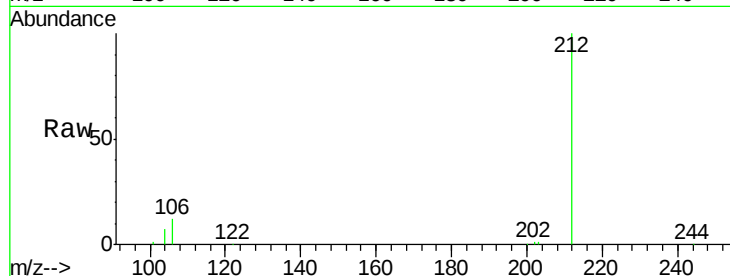
Tgt Ion:212 Resp: 21274

Ion Ratio Lower Upper

212 100

106 12.0 9.4 14.2

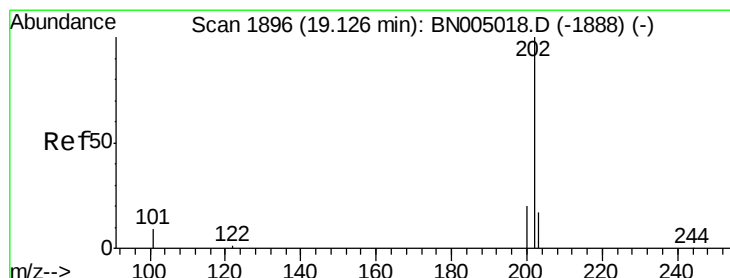
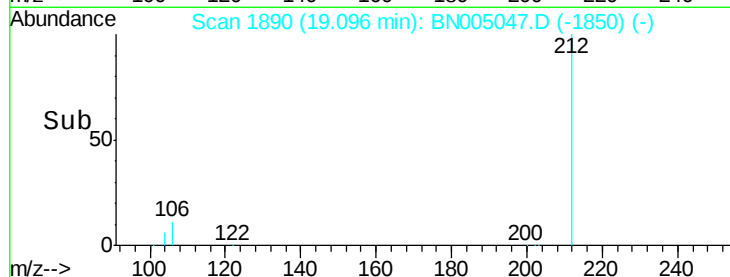
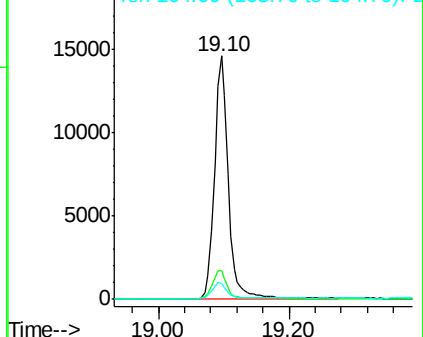
104 6.6 5.4 8.0



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: 0.402 ng

RT: 19.13 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

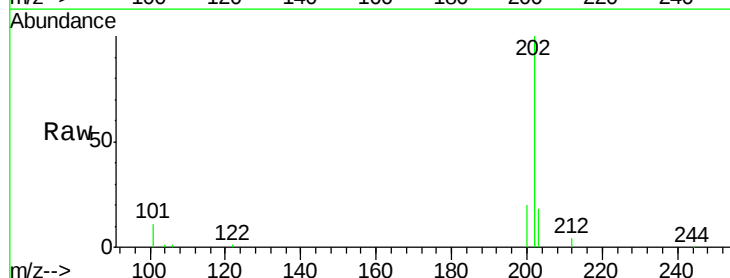
Tgt Ion:202 Resp: 25023

Ion Ratio Lower Upper

202 100

101 10.5 8.2 12.2

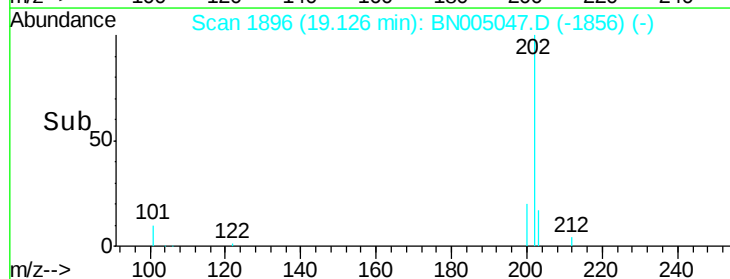
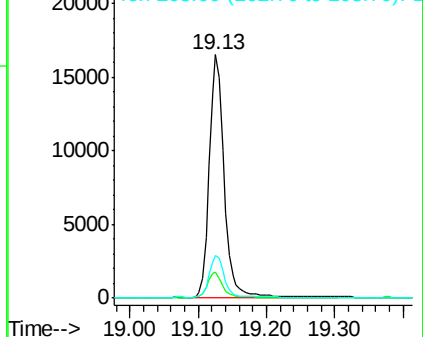
203 17.2 13.8 20.8

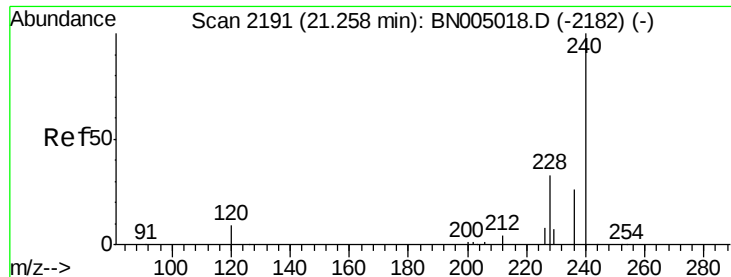


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

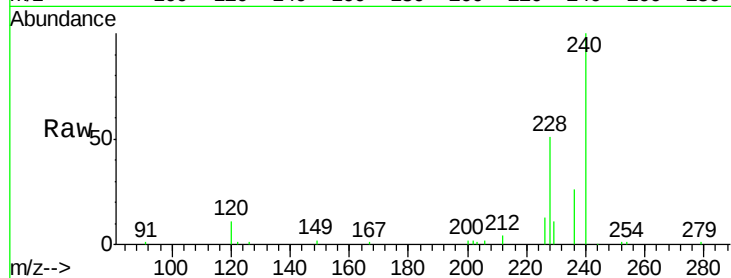
Tgt Ion:240 Resp: 19769

Ion Ratio Lower Upper

240 100

120 10.8 7.4 11.0

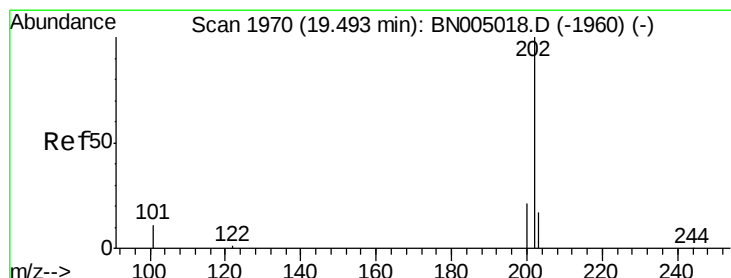
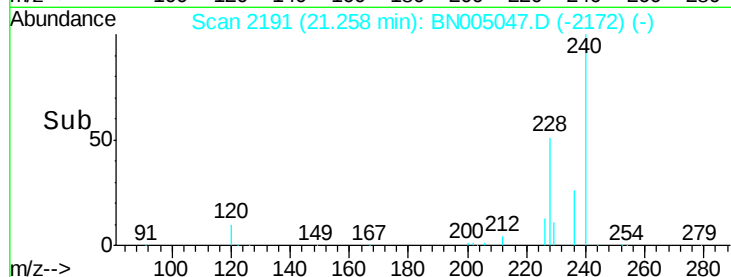
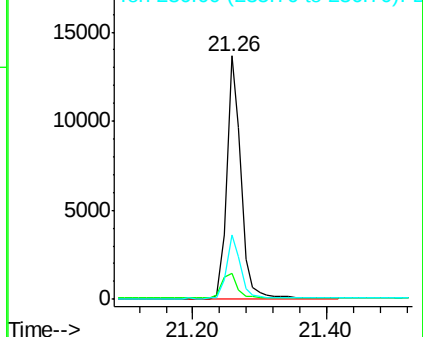
236 26.3 21.0 31.6



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: 0.451 ng

RT: 19.49 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

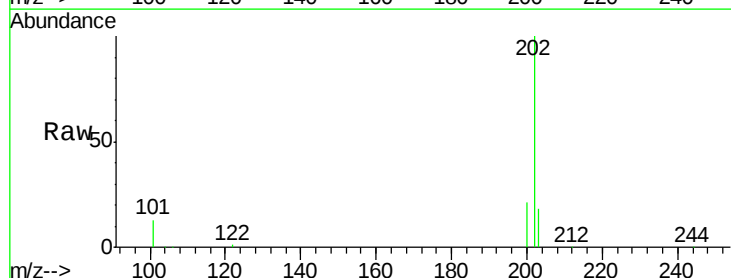
Tgt Ion:202 Resp: 25330

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

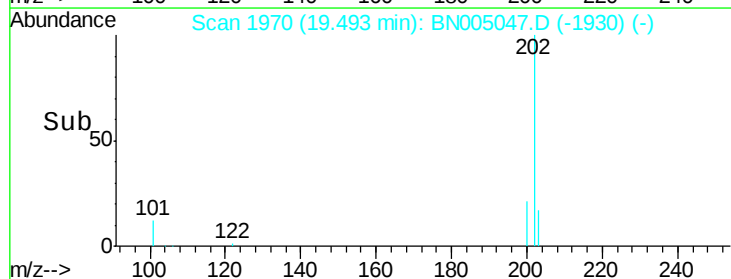
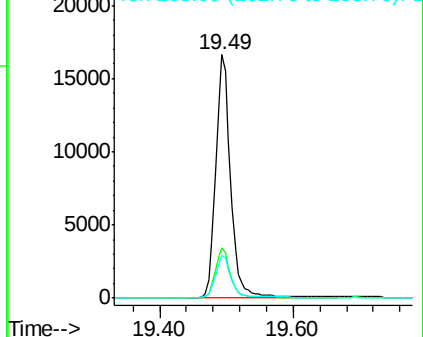
203 17.6 13.9 20.9

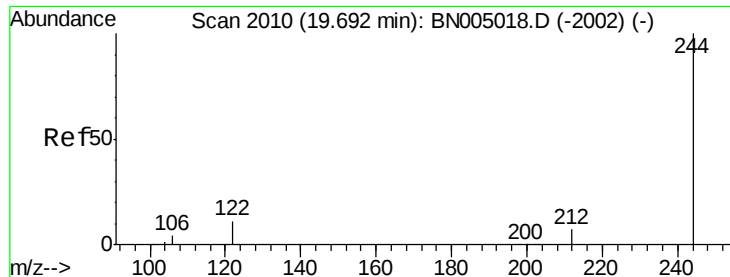


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.429 ng

RT: 19.70 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

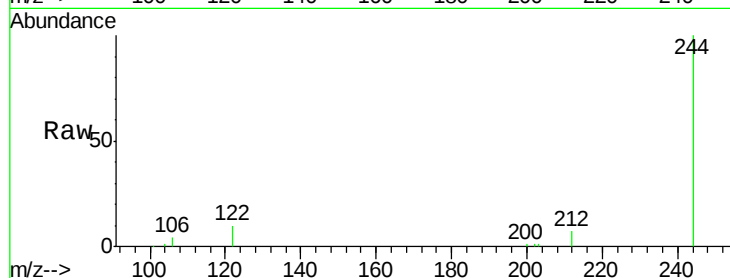
Tgt Ion:244 Resp: 17417

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

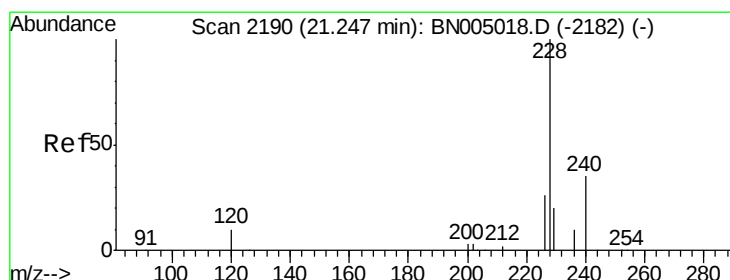
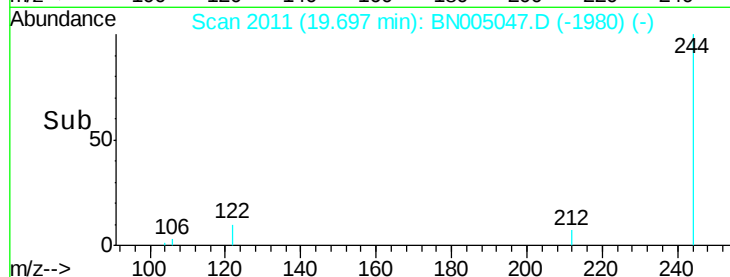
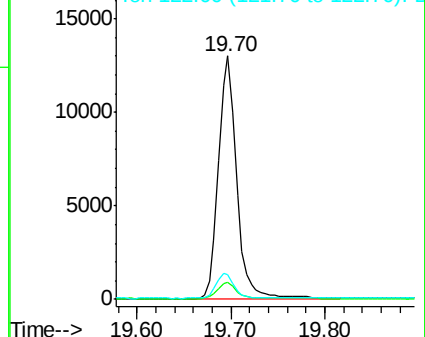
122 10.1 9.0 13.4



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: 0.407 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

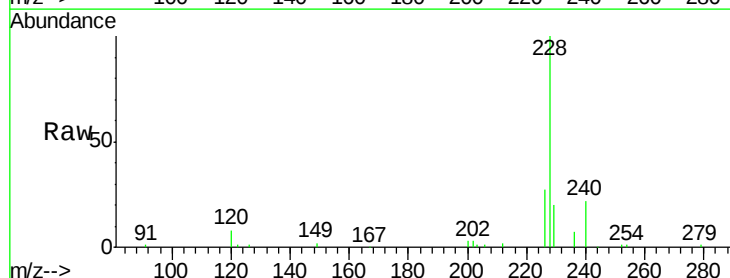
Tgt Ion:228 Resp: 22713

Ion Ratio Lower Upper

228 100

226 26.6 20.9 31.3

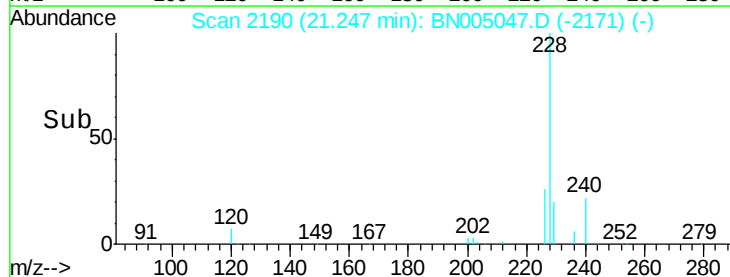
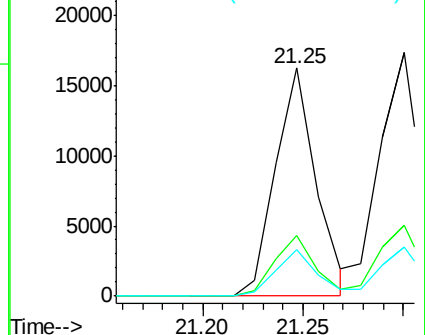
229 20.1 16.2 24.2

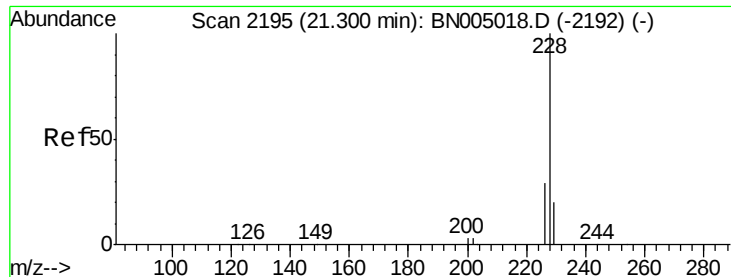


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.428 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

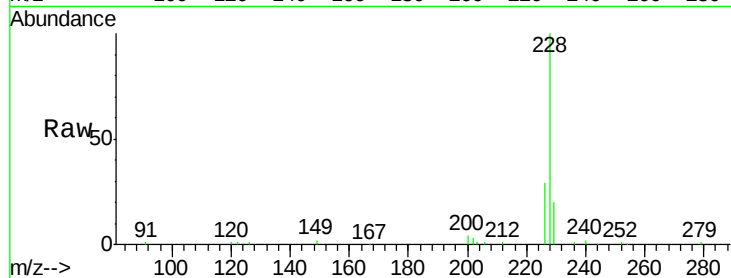
Tgt Ion:228 Resp: 25694

Ion Ratio Lower Upper

228 100

226 29.2 22.8 34.2

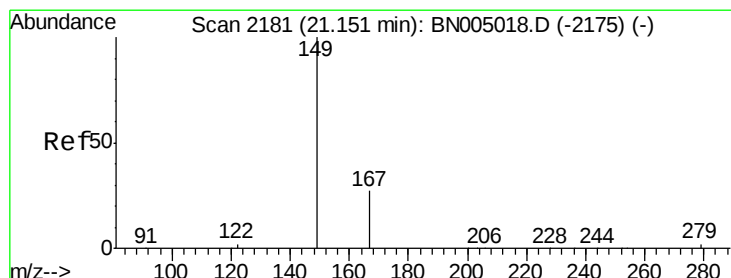
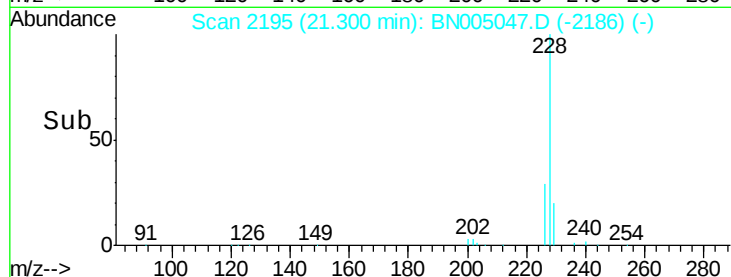
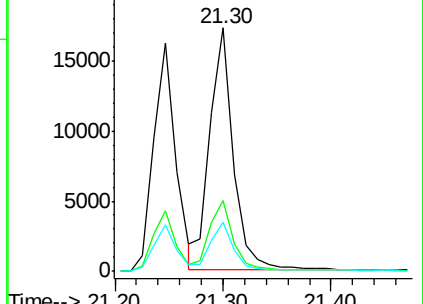
229 20.1 16.2 24.4



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: 0.378 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

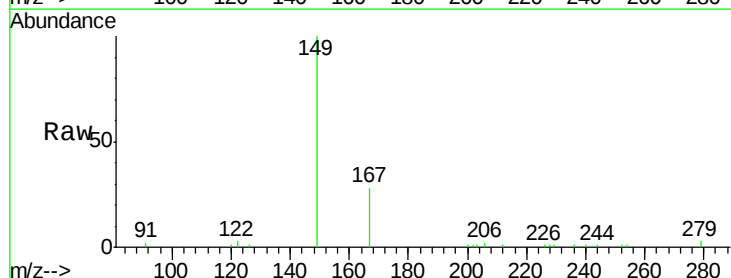
Tgt Ion:149 Resp: 8818

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

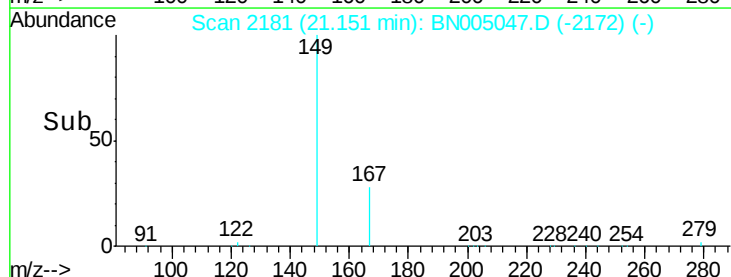
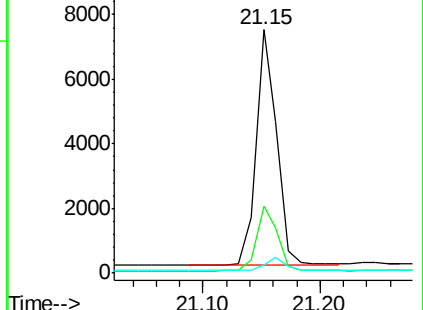
279 5.4 4.2 6.4

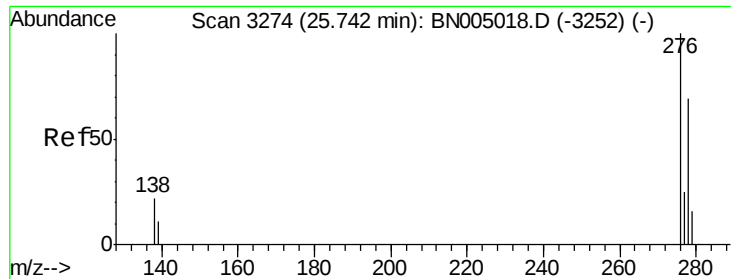


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.378 ng

RT: 25.75 min Scan# 3276

Delta R.T. 0.01 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

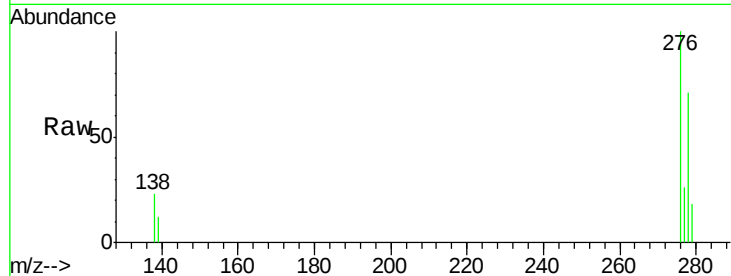
Tgt Ion:276 Resp: 25541

Ion Ratio Lower Upper

276 100

138 22.6 18.2 27.2

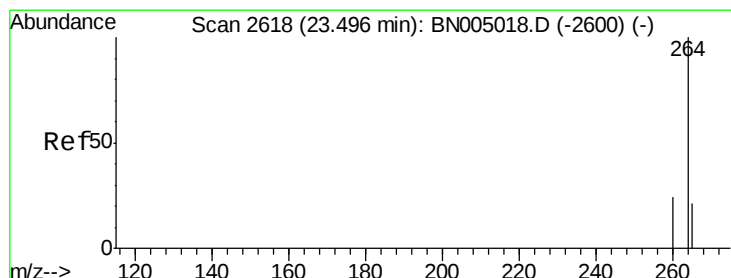
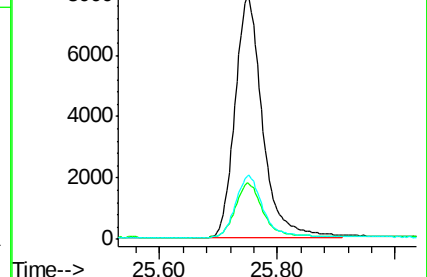
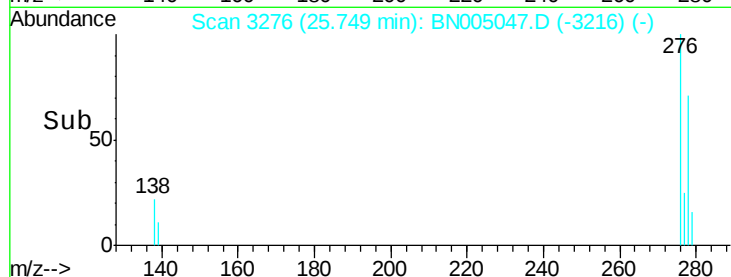
277 25.6 20.3 30.5



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: BN005047.D

Acq: 01 Apr 2019 14:31

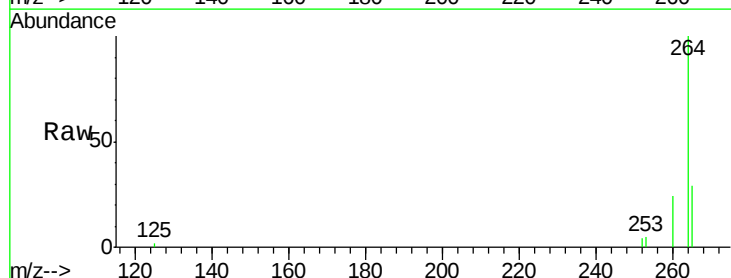
Tgt Ion:264 Resp: 18213

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

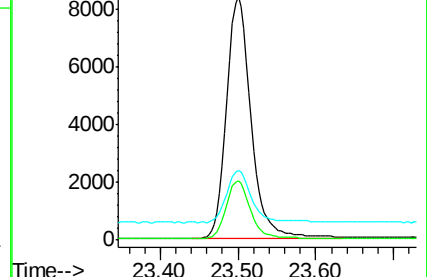
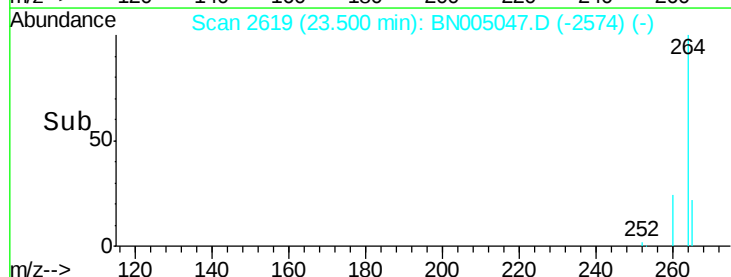
265 28.6 22.5 33.7

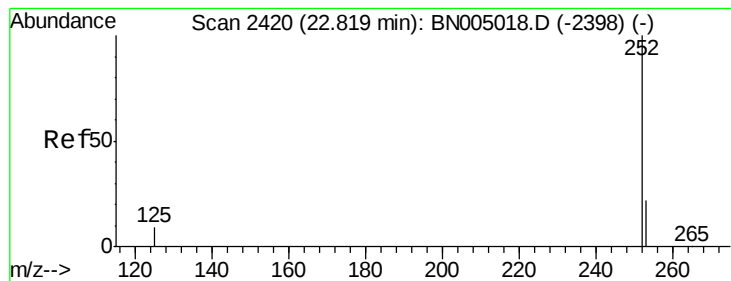


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.422 ng

RT: 22.82 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

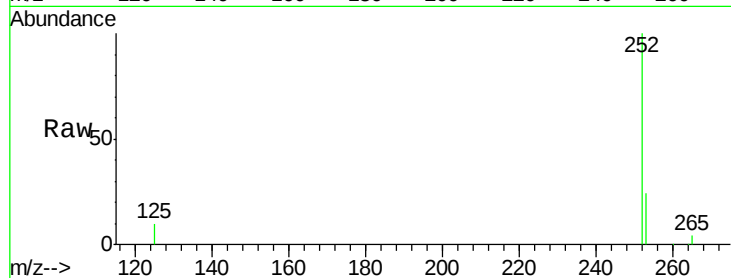
Tgt Ion:252 Resp: 24624

Ion Ratio Lower Upper

252 100

253 23.9 19.2 28.8

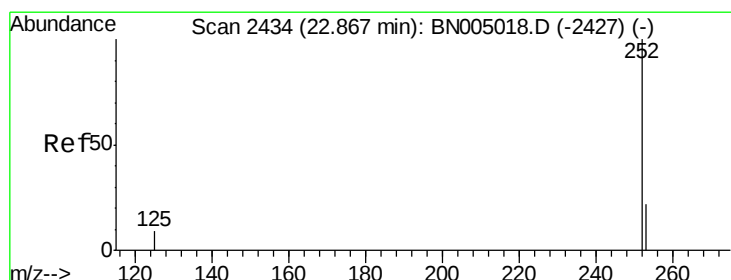
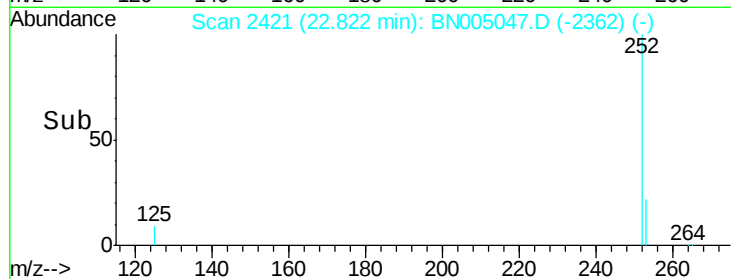
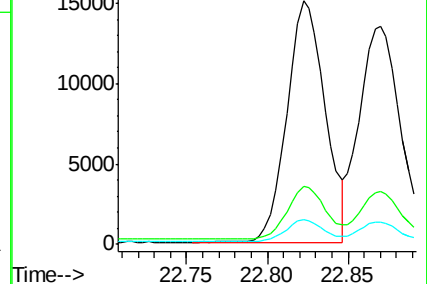
125 10.3 8.2 12.2



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: 0.437 ng

RT: 22.87 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

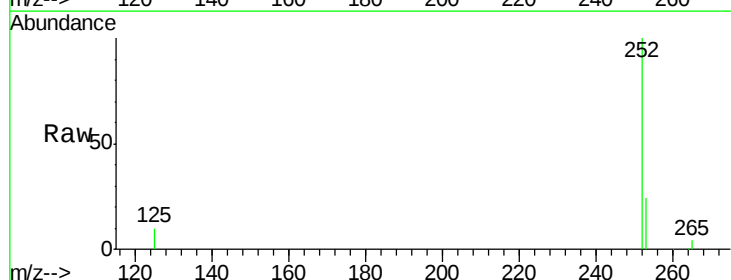
Tgt Ion:252 Resp: 24674

Ion Ratio Lower Upper

252 100

253 23.9 19.3 28.9

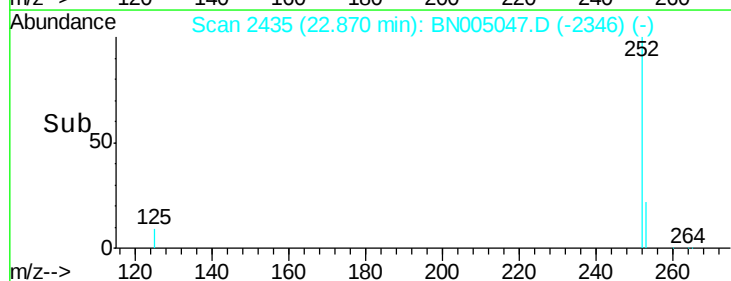
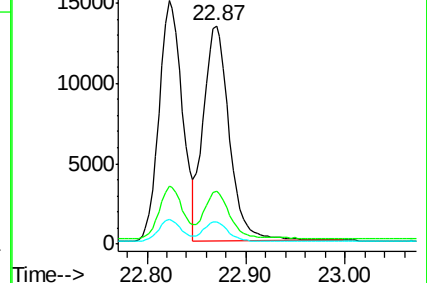
125 10.2 8.2 12.2

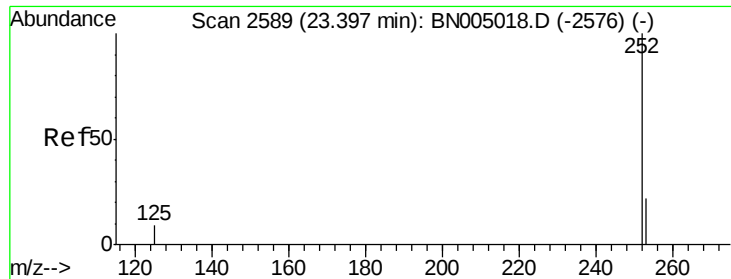


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.419 ng

RT: 23.40 min Scan# 2590

Delta R.T. 0.00 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS

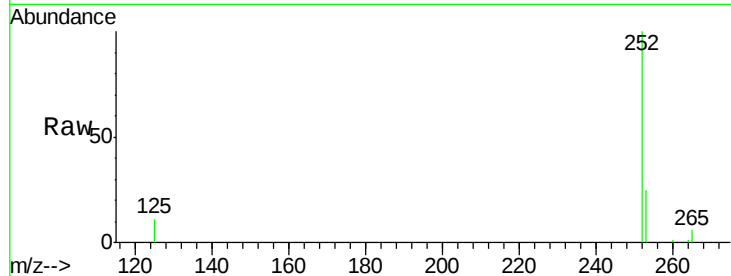
Tgt Ion:252 Resp: 21773

Ion Ratio Lower Upper

252 100

253 25.3 20.2 30.2

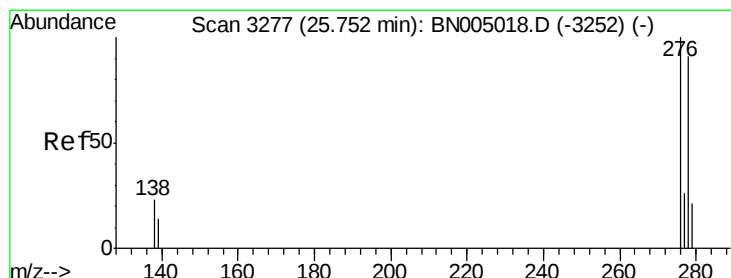
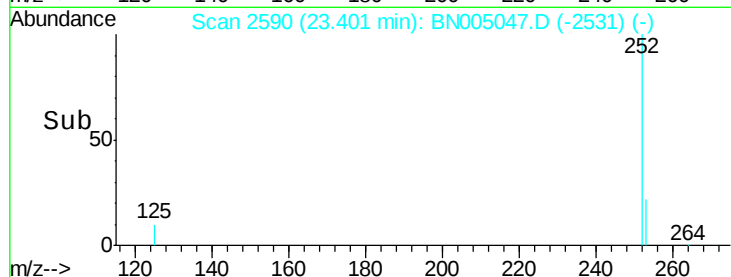
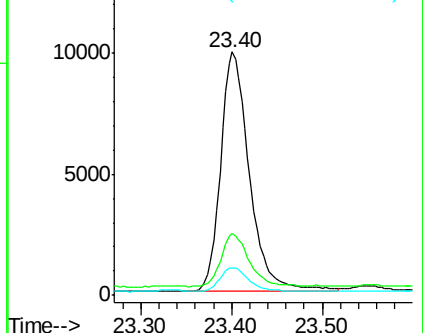
125 11.4 9.2 13.8



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: 0.401 ng

RT: 25.76 min Scan# 3279

Delta R.T. 0.01 min

Lab File: BN005047.D

Acq: 01 Apr 2019 14:31

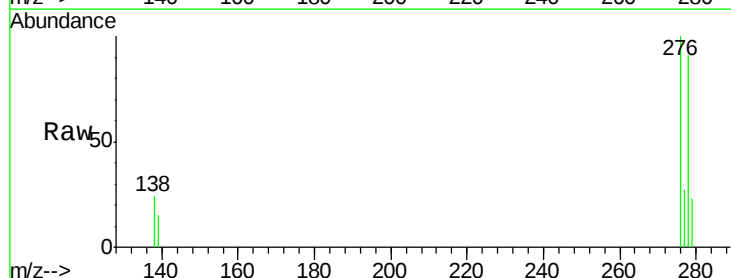
Tgt Ion:278 Resp: 20826

Ion Ratio Lower Upper

278 100

139 16.9 13.1 19.7

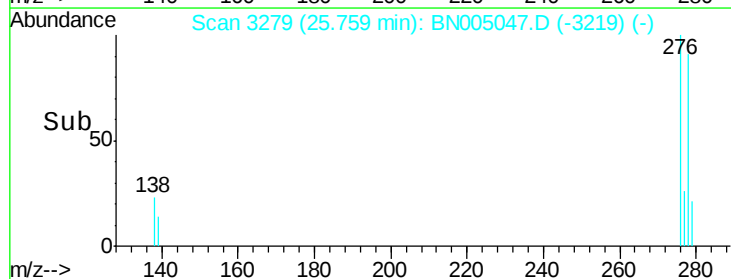
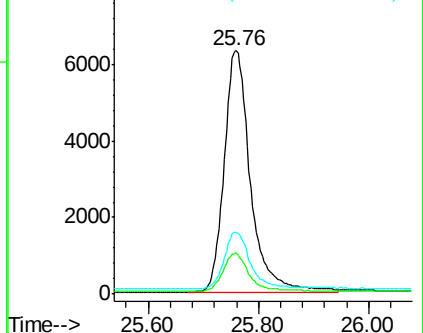
279 25.2 20.2 30.2

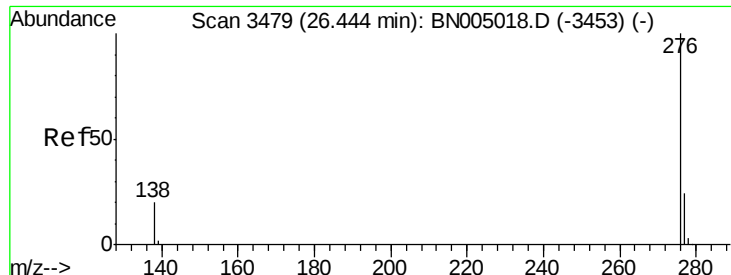


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.405 ng

RT: 26.44 min Scan# 3478

Delta R.T. -0.00 min

Lab File: BN005047.D

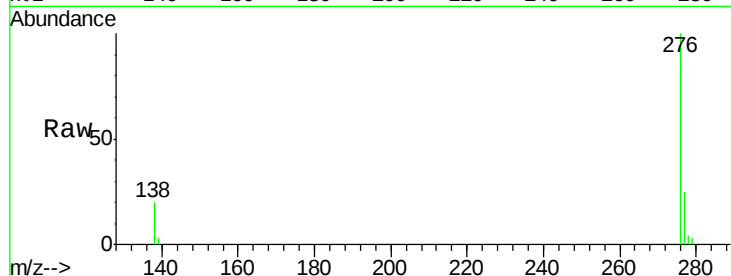
Acq: 01 Apr 2019 14:31

Instrument :

BNA_N

ClientSampleId :

PB118407BS



Tgt Ion: 276 Resp: 21204

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.6

138 20.1 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

