

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040119\
 Data File : BN005043.D
 Acq On : 01 Apr 2019 11:48
 Operator : JU/SJ
 Sample : K2106-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 01 12:23:29 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	3067	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	13084	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7597	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	17702	0.40	ng	0.00
27) Chrysene-d12	21.27	240	18798	0.40	ng	0.01
34) Perylene-d12	23.50	264	17061	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	1610	0.21	ng	0.00
5) Phenol-d6	6.84	99	1570	0.17	ng	0.00
8) Nitrobenzene-d5	8.83	82	2945	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	7861	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1943	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	17473	0.61	ng	0.00
25) Fluoranthene-d10	19.10	212	20649	0.41	ng	0.00
29) Terphenyl-d14	19.69	244	23611	0.61	ng	0.00

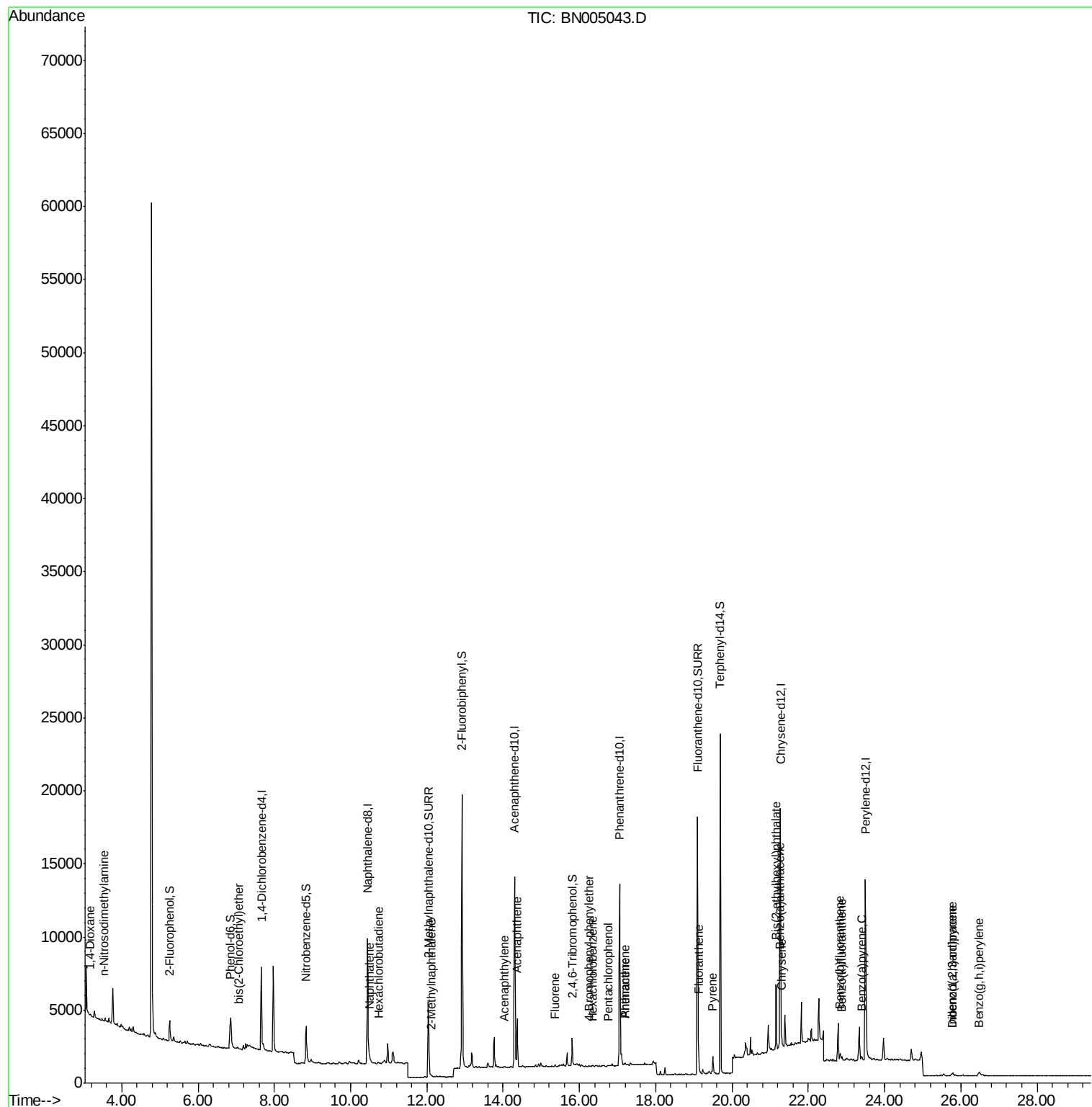
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	81	0.025	ng	# 1
3) n-Nitrosodimethylamine	3.53	42	22	0.011	ng	# 4
6) bis(2-Chloroethyl)ether	7.07	93	22	0.003	ng	# 26
9) Naphthalene	10.49	128	321	0.010	ng	# 44
10) Hexachlorobutadiene	10.74	225	8	0.001	ng	# 18
12) 2-Methylnaphthalene	12.12	142	91	0.004	ng	# 76
16) Acenaphthylene	14.03	152	103	0.003	ng	# 34
17) Acenaphthene	14.37	154	1672	0.073	ng	# 99
18) Fluorene	15.36	166	87	0.003	ng	# 92
20) 4-Bromophenyl-phenylether	16.25	248	11	0.001	ng	# 55
21) Hexachlorobenzene	16.36	284	15	0.001	ng	# 44
22) Pentachlorophenol	16.75	266	34	0.105	ng	# 69
23) Phenanthrene	17.20	178	164	0.003	ng	# 94
24) Anthracene	17.20	178	164	0.004	ng	# 95
26) Fluoranthene	19.13	202	641	0.011	ng	# 95
28) Pyrene	19.50	202	1064	0.020	ng	# 93
30) Benzo(a)anthracene	21.25	228	440	0.008	ng	# 60
31) Chrysene	21.30	228	556	0.010	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.15	149	4874	0.220	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.78	276	314	0.005	ng	# 96
35) Benzo(b)fluoranthene	22.84	252	634	0.012	ng	# 1
36) Benzo(k)fluoranthene	22.88	252	408	0.008	ng	# 1
37) Benzo(a)pyrene	23.41	252	261	0.005	ng	# 1
38) Dibenzo(a,h)anthracene	25.78	278	155	0.003	ng	# 1
39) Benzo(g,h,i)perylene	26.47	276	488	0.010	ng	# 15

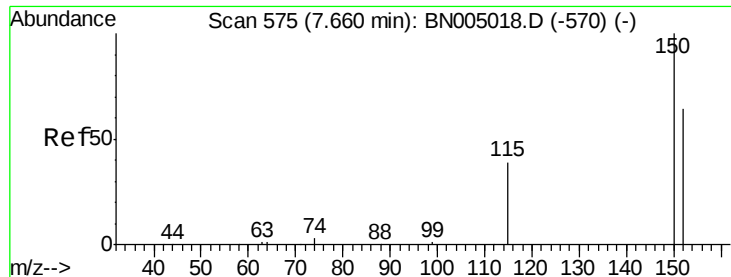
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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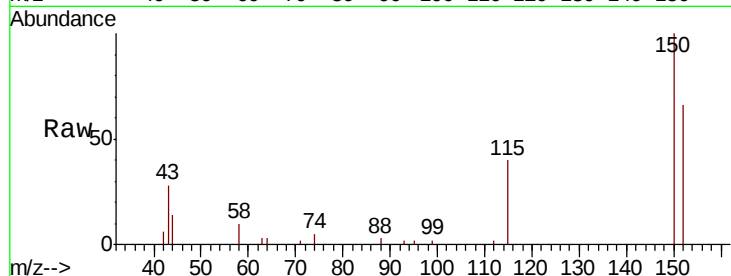


#1

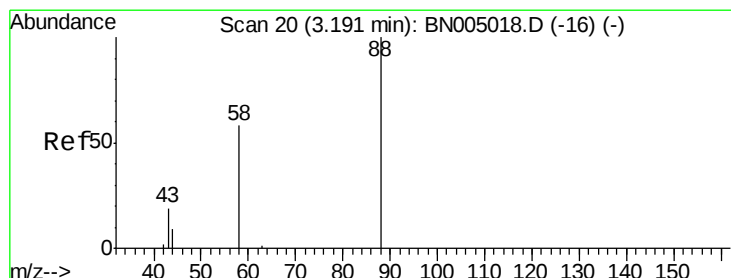
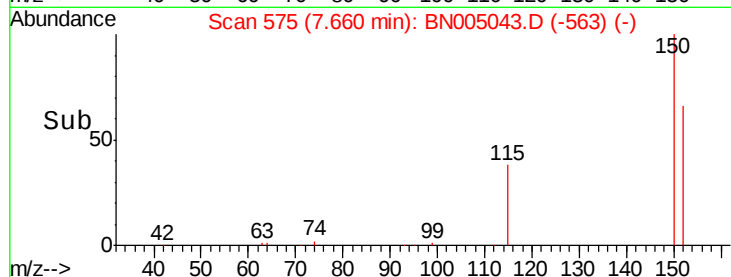
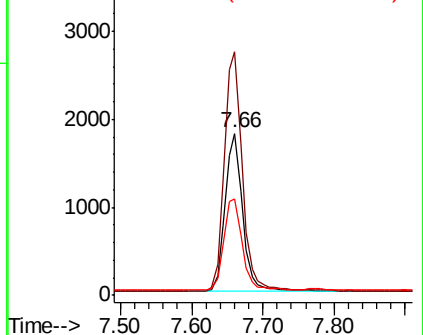
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3067
Ion Ratio Lower Upper
152 100
150 150.6 123.4 185.2
115 60.0 50.0 75.0



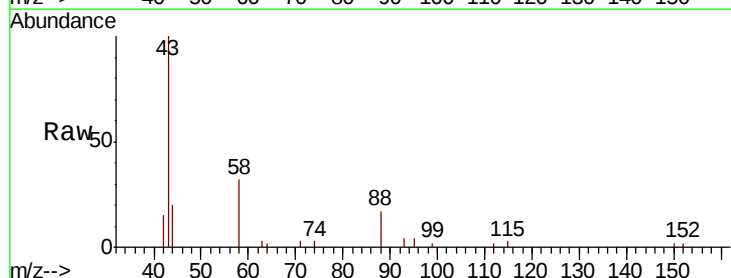
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



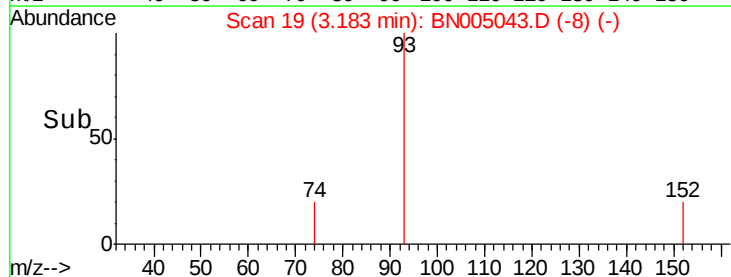
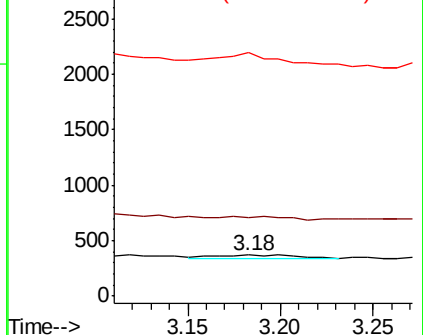
#2

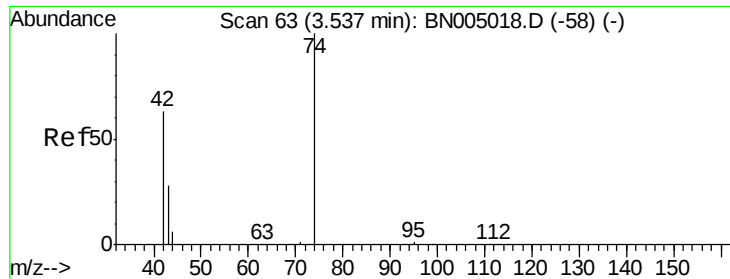
1,4-Dioxane
Concen: 0.025 ng
RT: 3.18 min Scan# 19
Delta R.T. -0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion: 88 Resp: 81
Ion Ratio Lower Upper
88 100
58 0.0 52.8 79.2#
43 476.5 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: 0.011 ng

RT: 3.53 min Scan# 62

Delta R.T. -0.01 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampled :

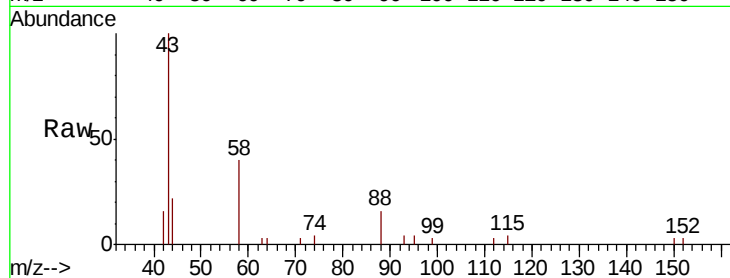
Tot Ion: 42 Resp: 22

Ion Ratio Lower Upper

42 100

74 27.3 129.1 193.7#

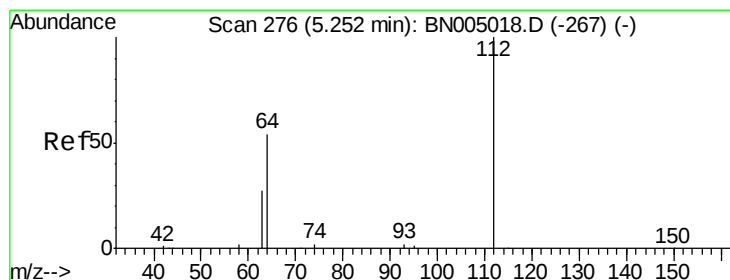
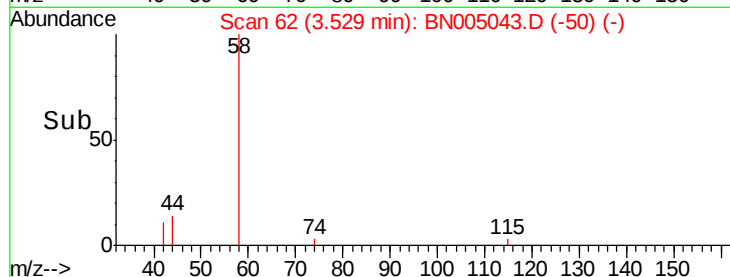
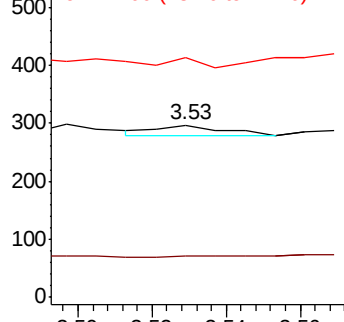
44 0.0 11.6 17.4#



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: 0.210 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

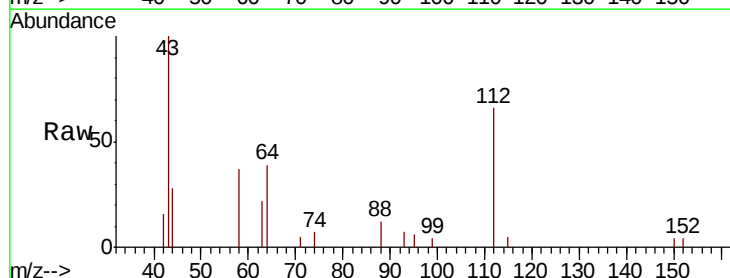
Tgt Ion: 112 Resp: 1610

Ion Ratio Lower Upper

112 100

64 51.6 41.9 62.9

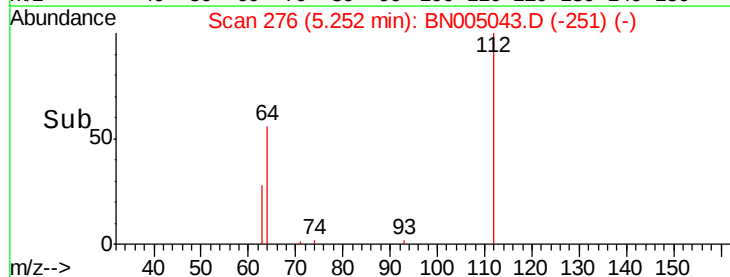
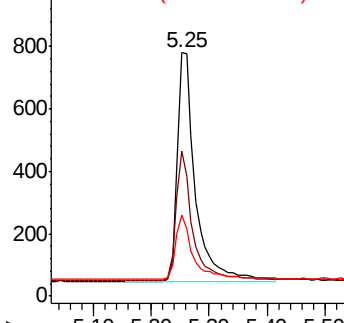
63 27.2 21.5 32.3

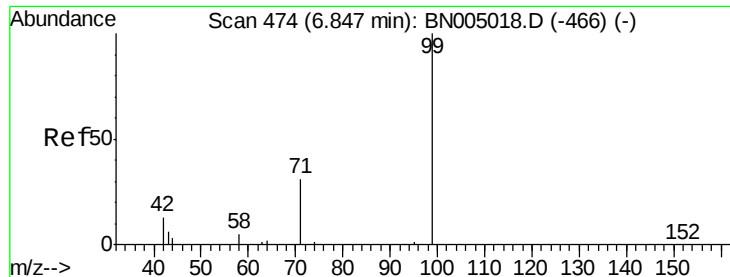


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.173 ng

RT: 6.84 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampled :

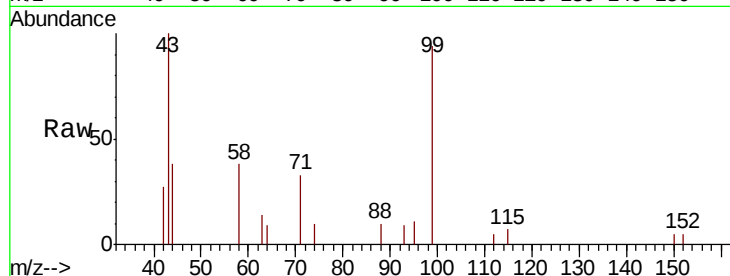
Tot Ion: 99 Resp: 1570

Ion Ratio Lower Upper

99 100

42 23.2 12.2 18.2#

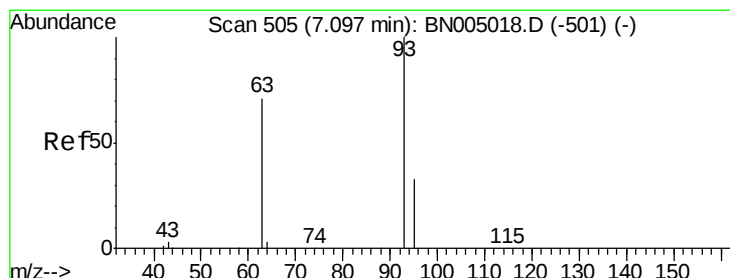
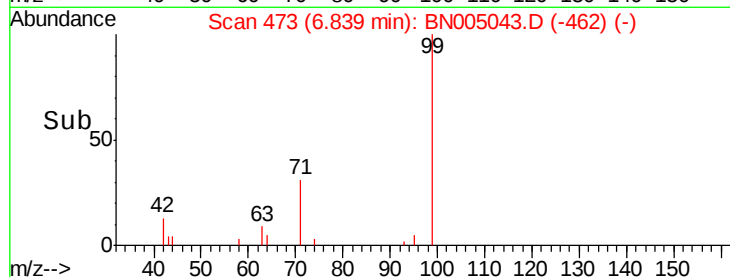
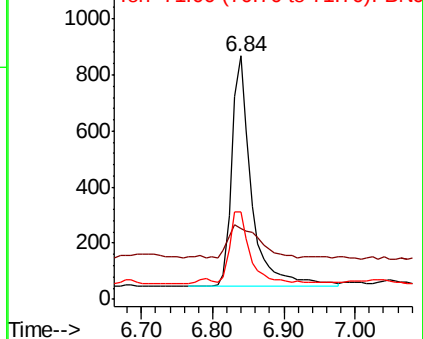
71 30.8 26.1 39.1



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: 0.003 ng

RT: 7.07 min Scan# 502

Delta R.T. -0.02 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

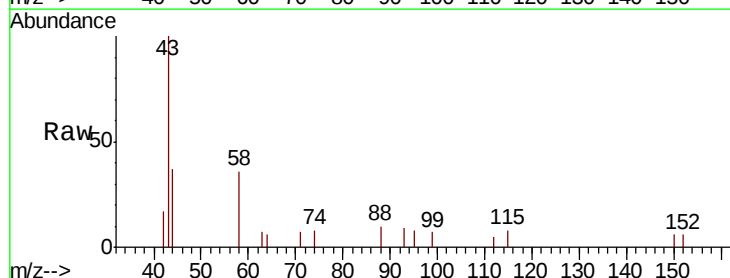
Tgt Ion: 93 Resp: 22

Ion Ratio Lower Upper

93 100

63 0.0 51.8 77.6#

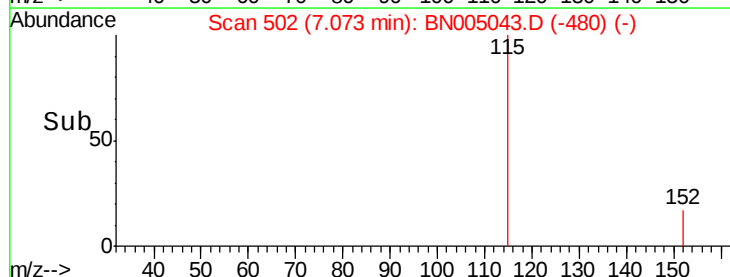
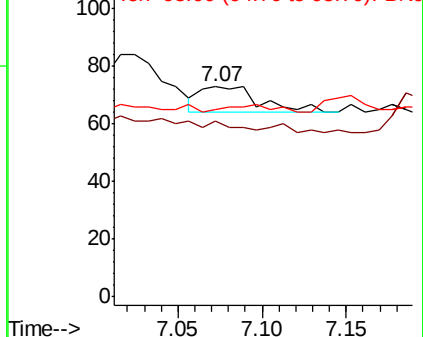
95 0.0 24.8 37.2#

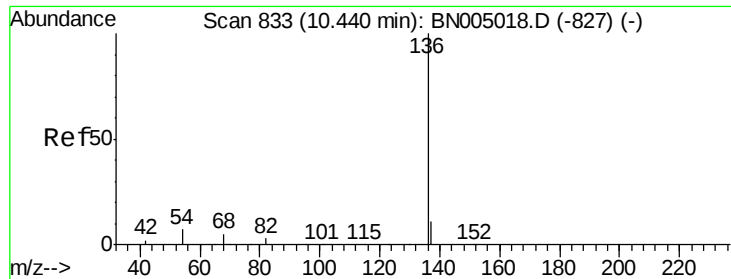


Abundance Ion 93.00 (92.70 to 93.70): BN005018.D (-501) (-)

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: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13084

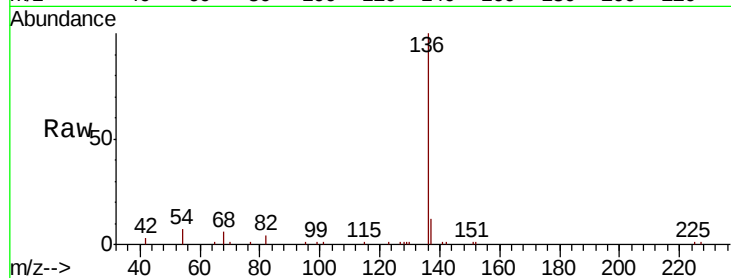
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 6.8 6.0 9.0

68 5.8 5.0 7.6

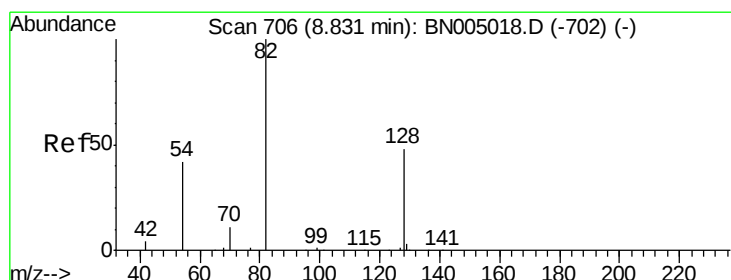
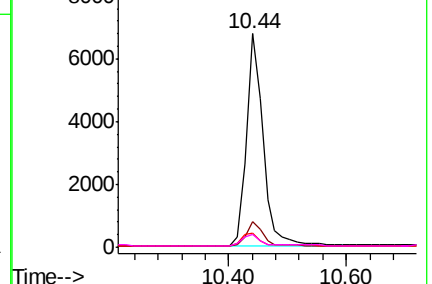
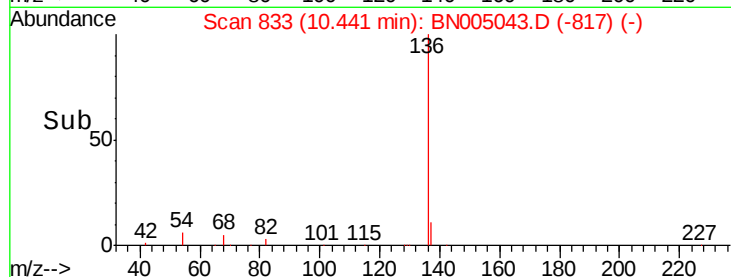


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.388 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

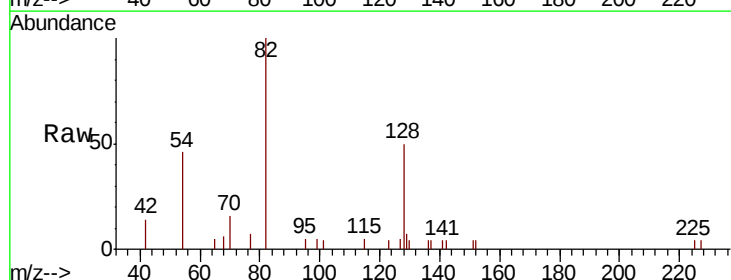
Tgt Ion: 82 Resp: 2945

Ion Ratio Lower Upper

82 100

128 49.5 40.5 60.7

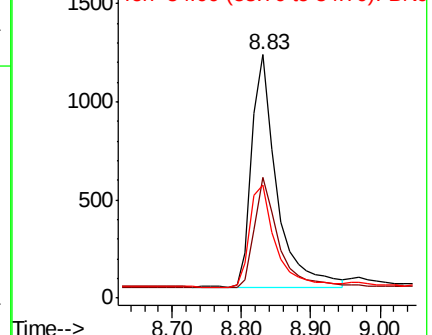
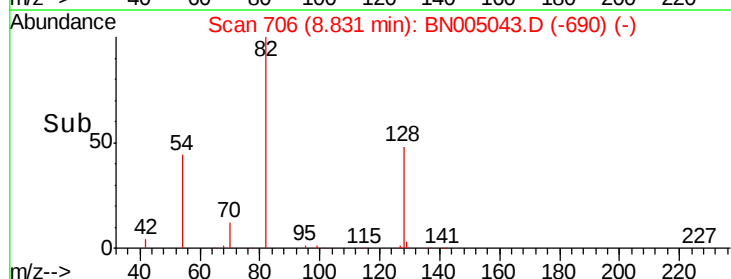
54 46.4 35.7 53.5

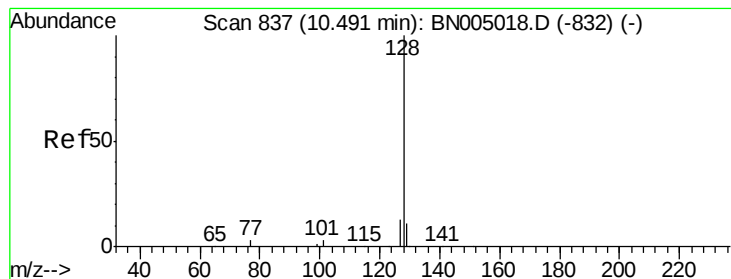


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.010 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

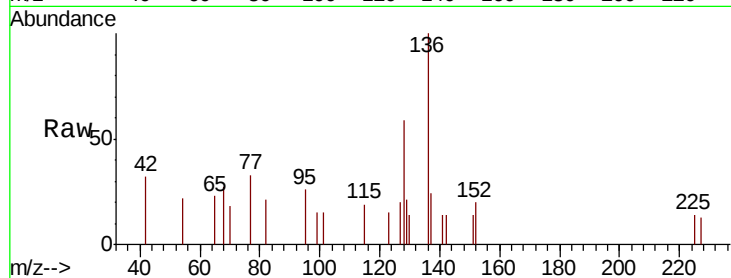
Tot Ion:128 Resp: 321

Ion Ratio Lower Upper

128 100

129 35.2 9.4 14.2#

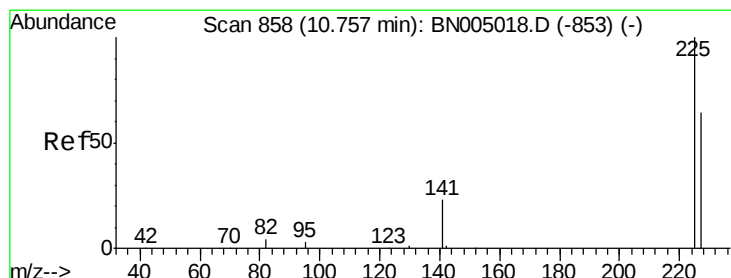
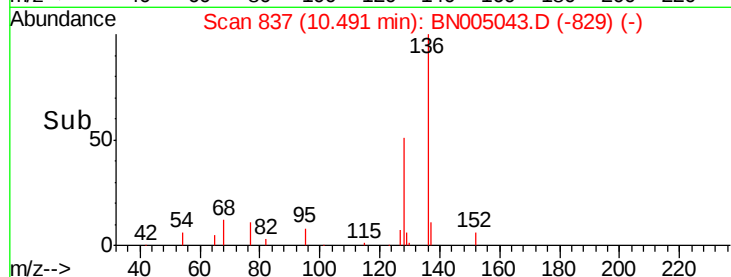
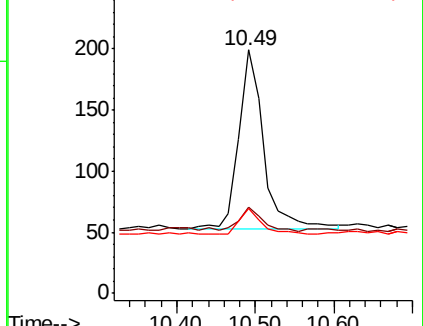
127 34.7 11.0 16.6#



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: 0.001 ng

RT: 10.74 min Scan# 857

Delta R.T. -0.01 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

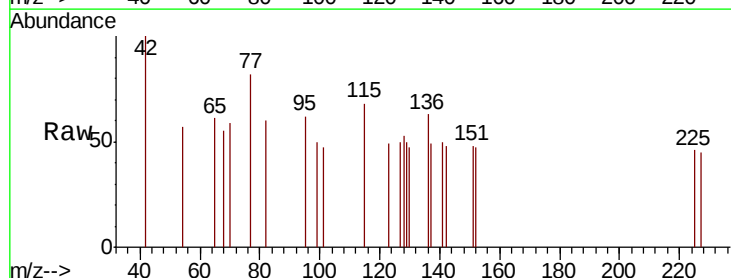
Tgt Ion:225 Resp: 8

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

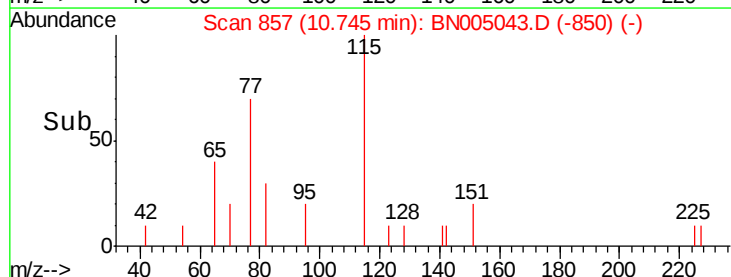
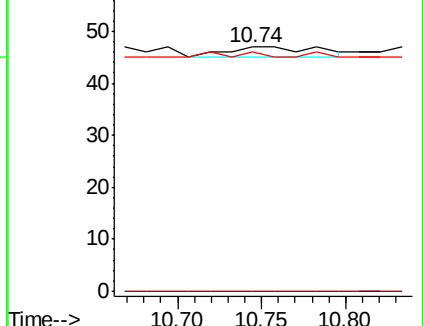
227 0.0 51.5 77.3#

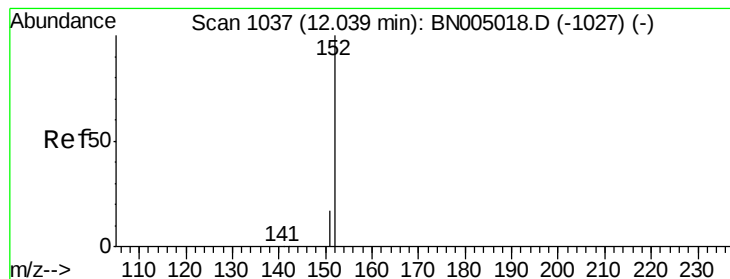


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

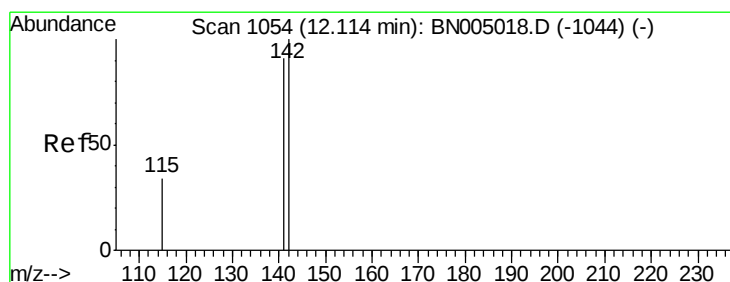
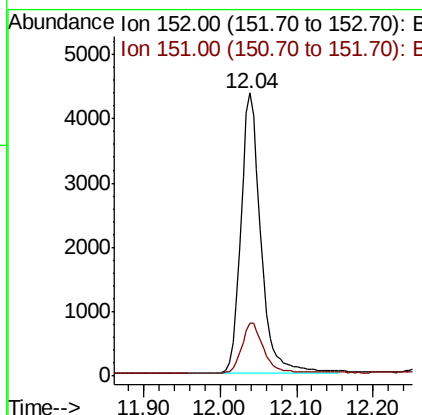
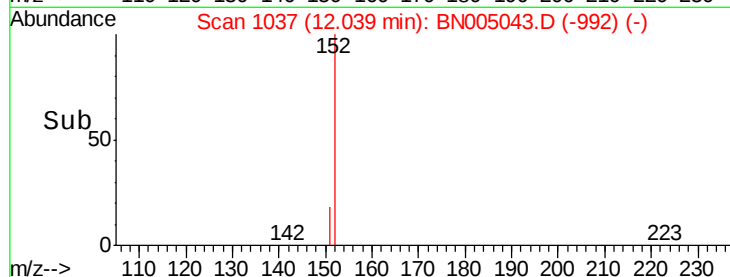
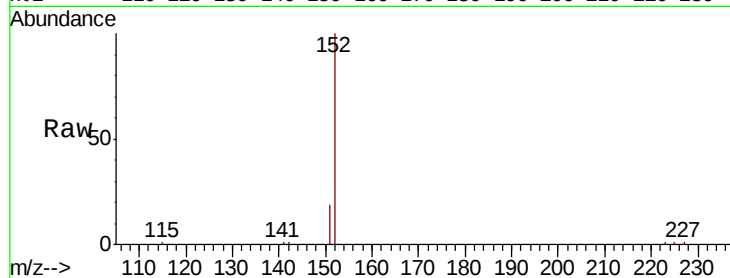




#11
 2-Methylnaphthalene-d10
 Concen: 0.388 ng
 RT: 12.04 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BN005043.D
 Acq: 01 Apr 2019 11:48

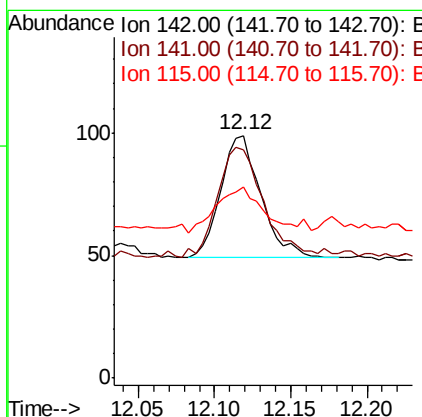
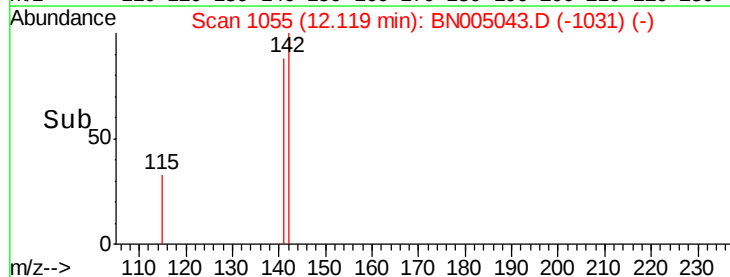
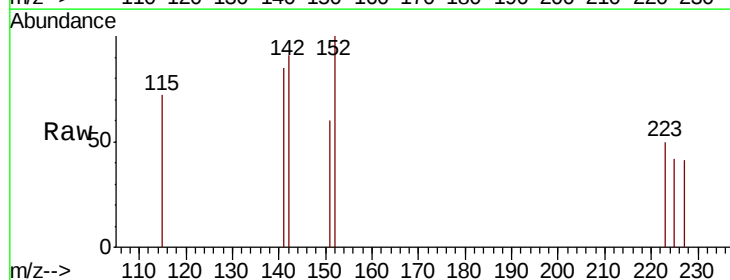
Instrument :
 BNA_N
 ClientSampleId :

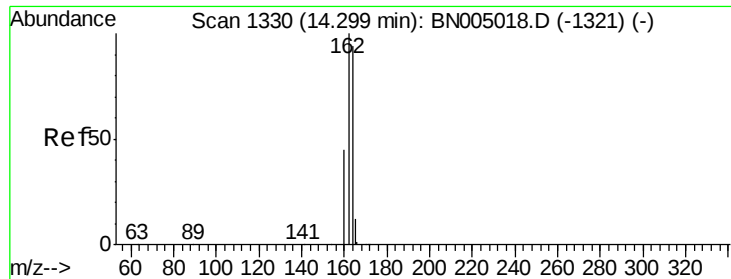
Tot Ion:152 Resp: 7861
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.004 ng
 RT: 12.12 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BN005043.D
 Acq: 01 Apr 2019 11:48

Tgt Ion:142 Resp: 91
 Ion Ratio Lower Upper
 142 100
 141 93.9 72.6 108.8
 115 78.8 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: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

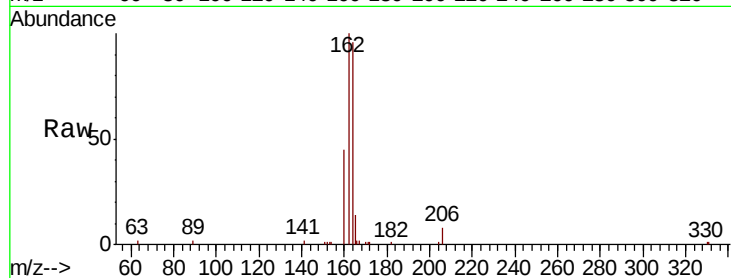
Tot Ion:164 Resp: 7597

Ion Ratio Lower Upper

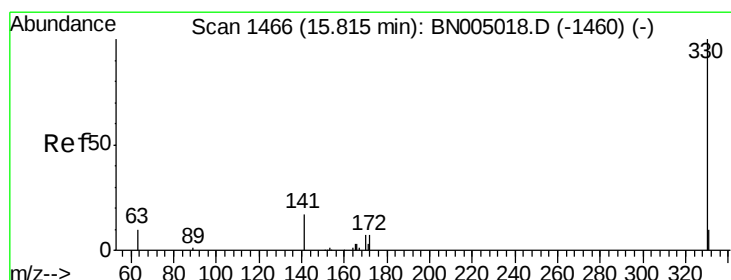
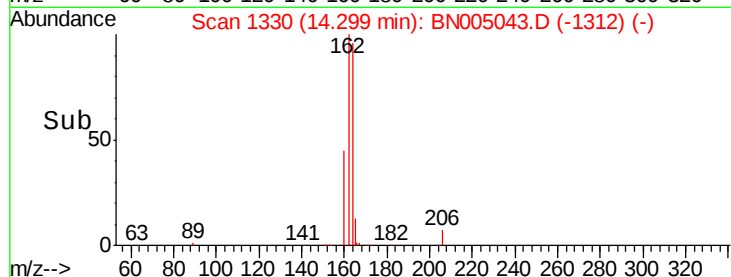
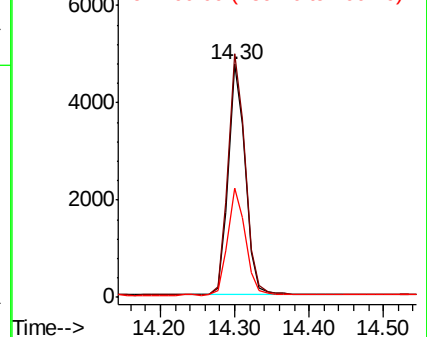
164 100

162 104.5 85.3 127.9

160 47.1 39.2 58.8



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: 0.456 ng

RT: 15.81 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

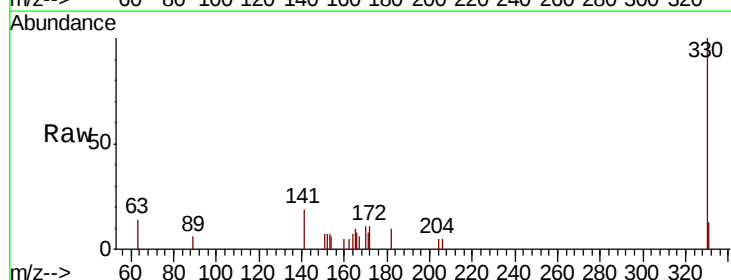
Tgt Ion:330 Resp: 1943

Ion Ratio Lower Upper

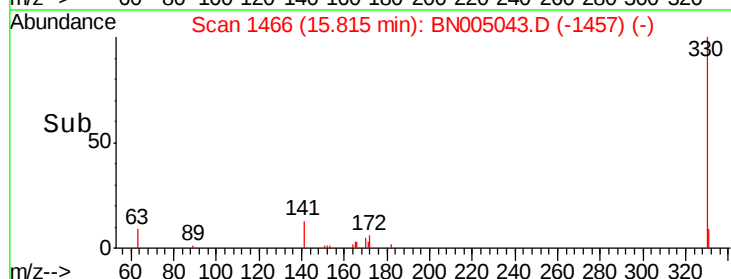
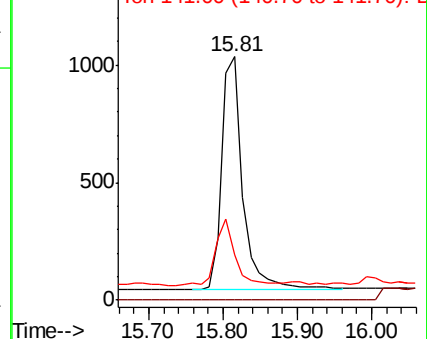
330 100

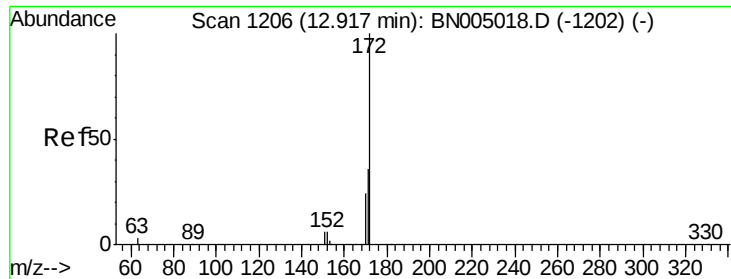
332 0.0 0.0 0.0

141 26.6 21.3 31.9



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

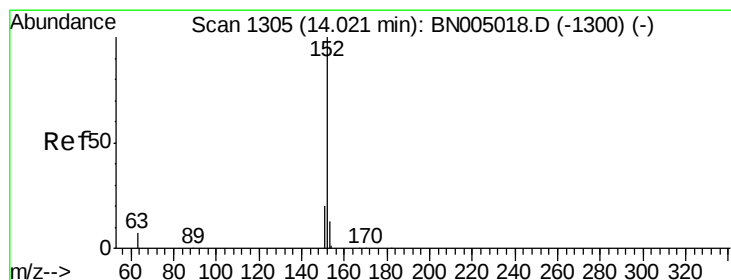
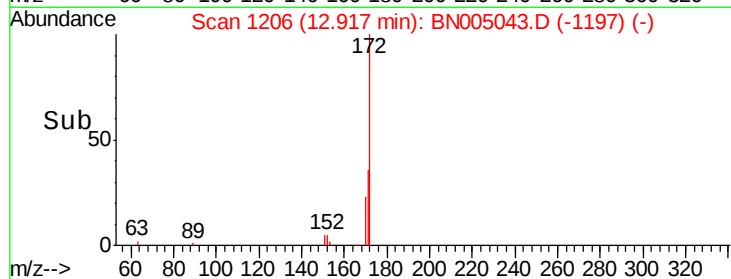
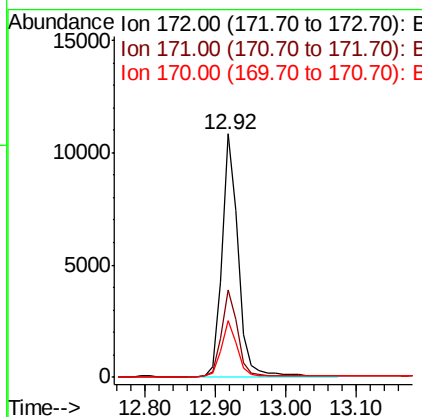
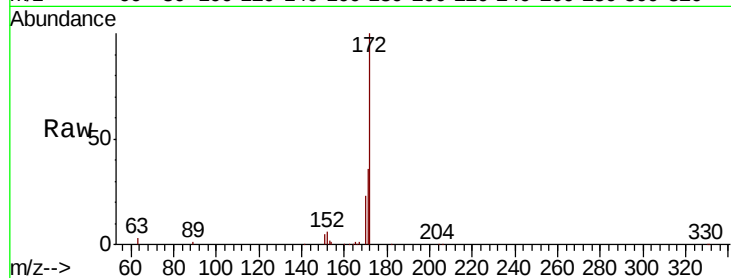




#15
2-Fluorobiphenyl
Concen: 0.609 ng
RT: 12.92 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

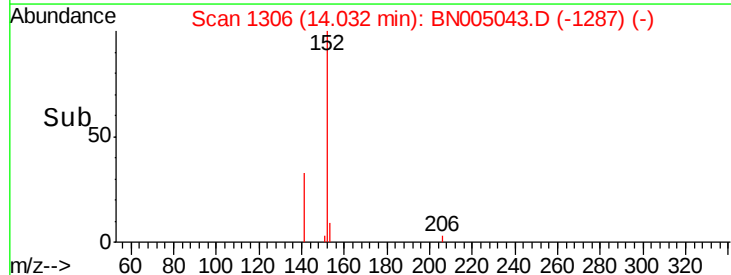
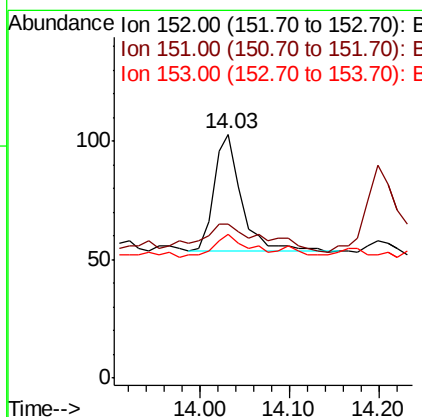
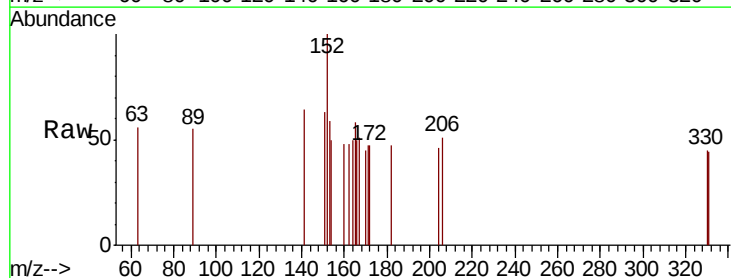
Instrument :
BNA_N
ClientSampled :

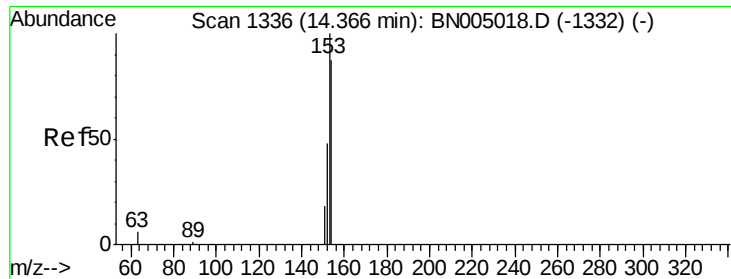
Tot Ion:172 Resp: 17473
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.5 20.0 30.0



#16
Acenaphthylene
Concen: 0.003 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:152 Resp: 103
Ion Ratio Lower Upper
152 100
151 61.2 15.8 23.6#
153 25.2 10.6 15.8#





#17

Acenaphthene

Concen: 0.073 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

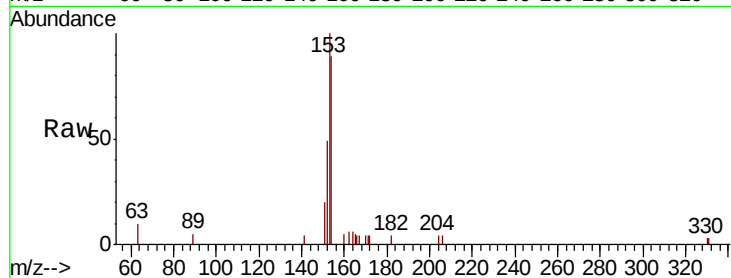
Tot Ion:154 Resp: 1672

Ion Ratio Lower Upper

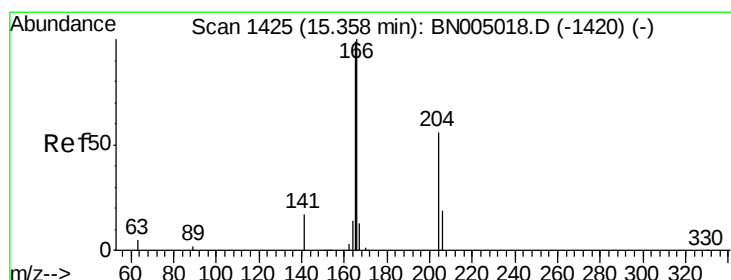
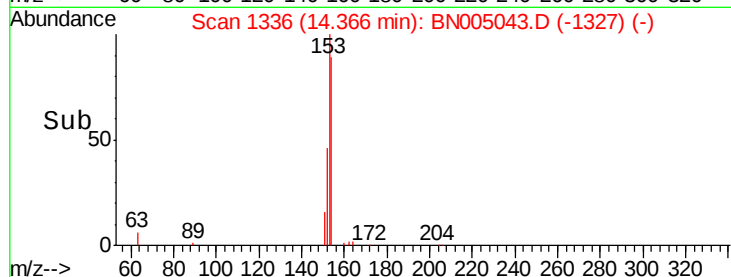
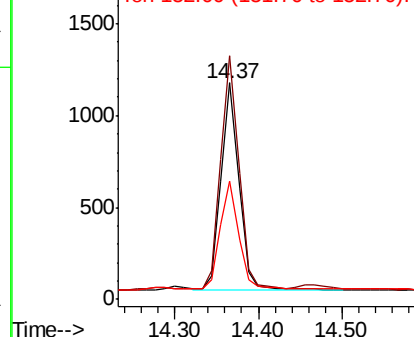
154 100

153 114.5 92.1 138.1

152 54.7 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: 0.003 ng

RT: 15.36 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

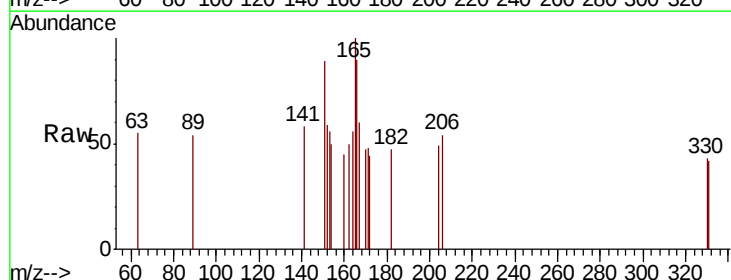
Tgt Ion:166 Resp: 87

Ion Ratio Lower Upper

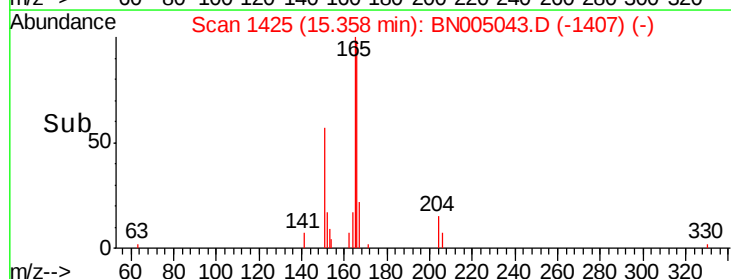
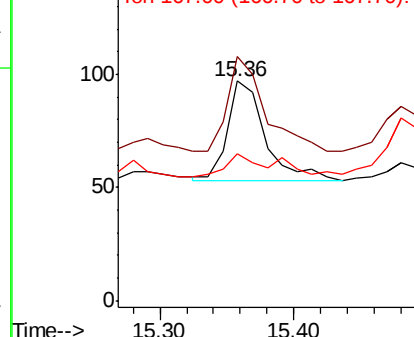
166 100

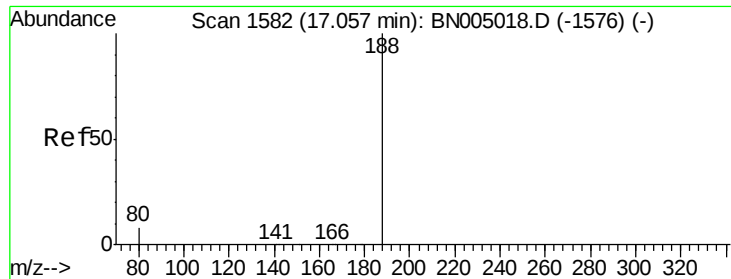
165 94.3 78.7 118.1

167 27.6 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

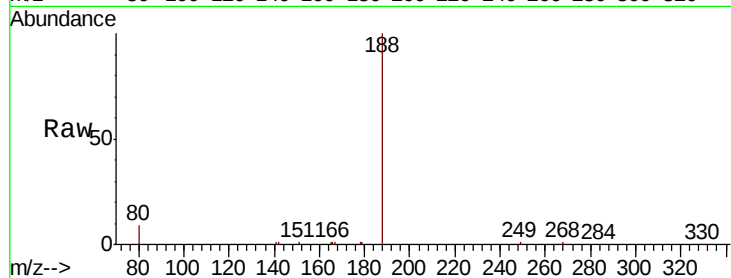
Tot Ion:188 Resp: 17702

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

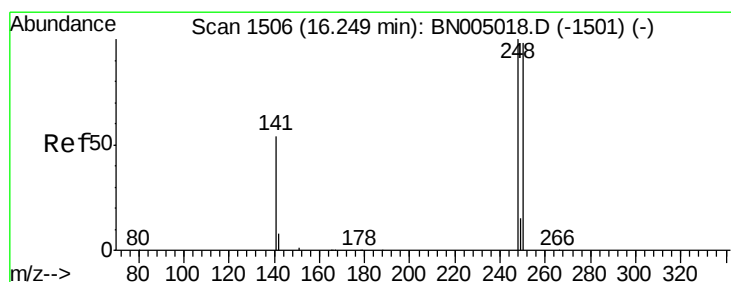
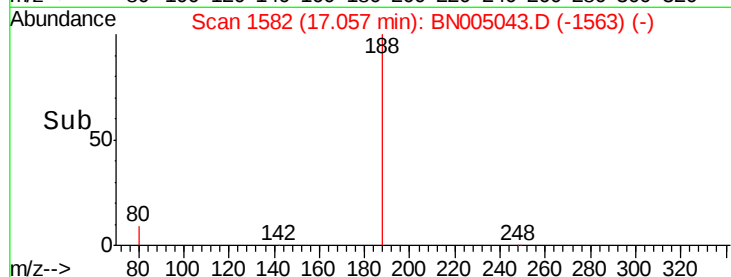
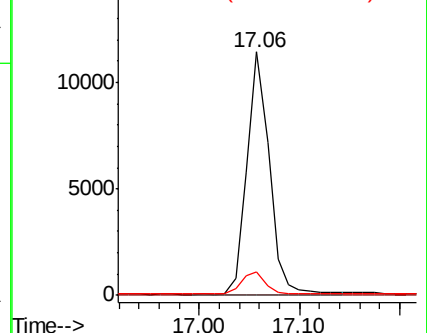
80 9.5 6.9 10.3



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: 0.001 ng

RT: 16.25 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

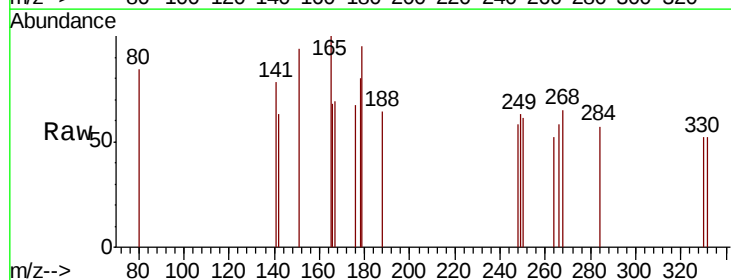
Tgt Ion:248 Resp: 11

Ion Ratio Lower Upper

248 100

250 105.9 78.6 117.8

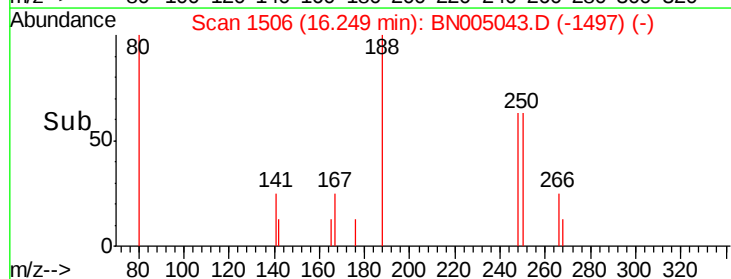
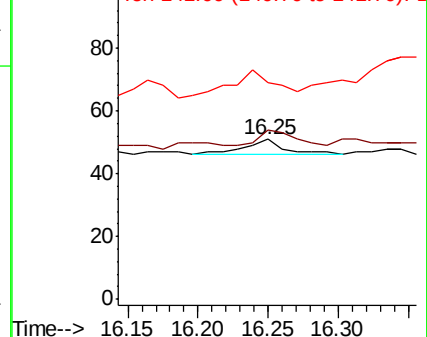
141 135.3 43.6 65.4#

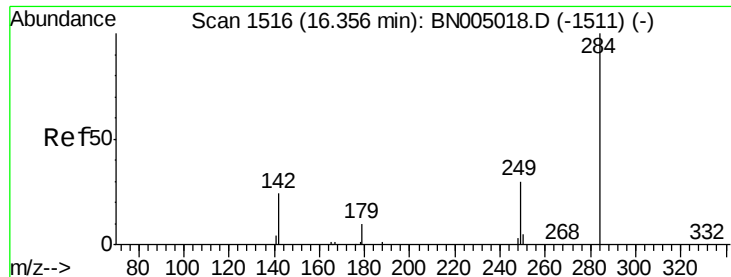


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

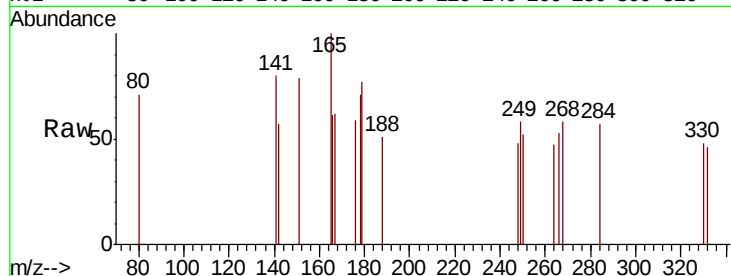
Tot Ion:284 Resp: 15

Ion Ratio Lower Upper

284 100

142 0.0 24.9 37.3#

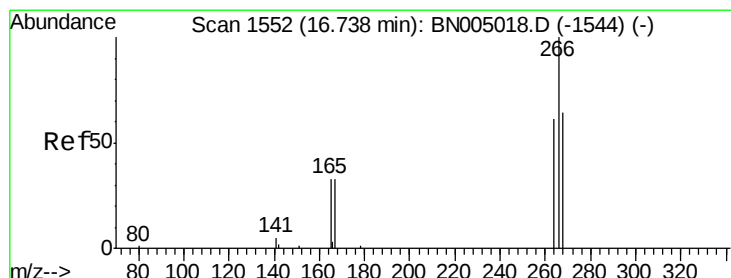
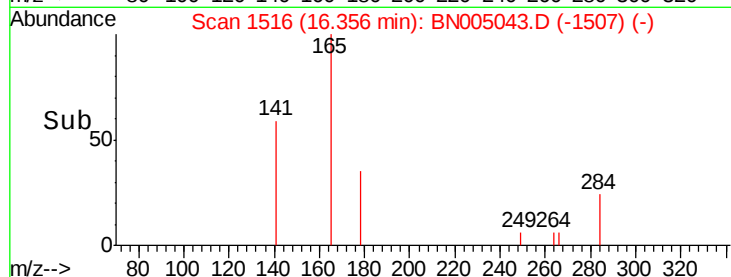
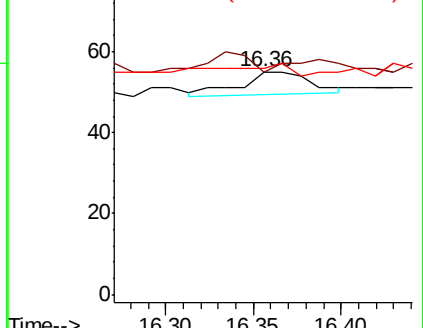
249 0.0 23.8 35.6#



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: 0.105 ng

RT: 16.75 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

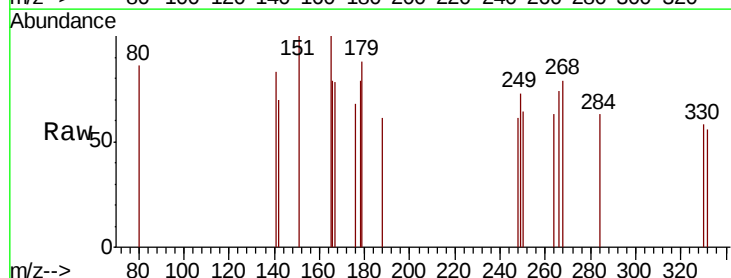
Tgt Ion:266 Resp: 34

Ion Ratio Lower Upper

266 100

264 84.7 53.4 80.0#

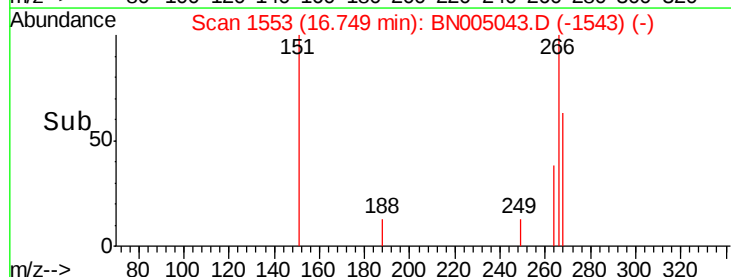
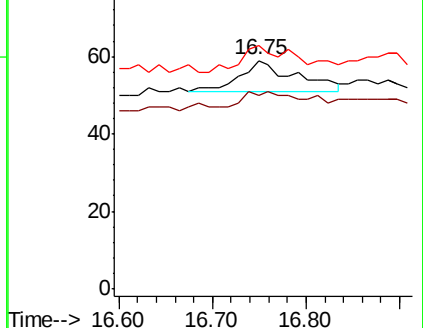
268 106.8 58.9 88.3#

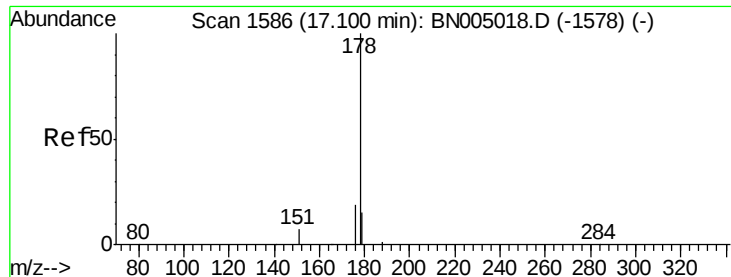


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.003 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.10 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampled :

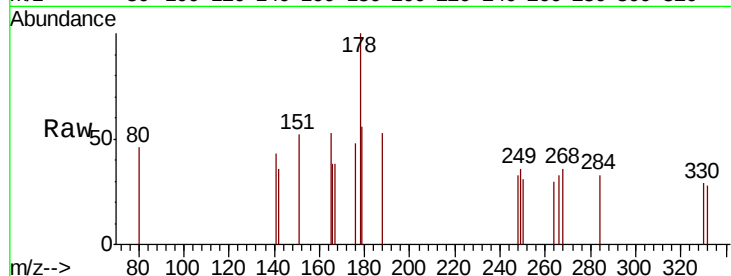
Tot Ion:178 Resp: 164

Ion Ratio Lower Upper

178 100

176 22.0 15.1 22.7

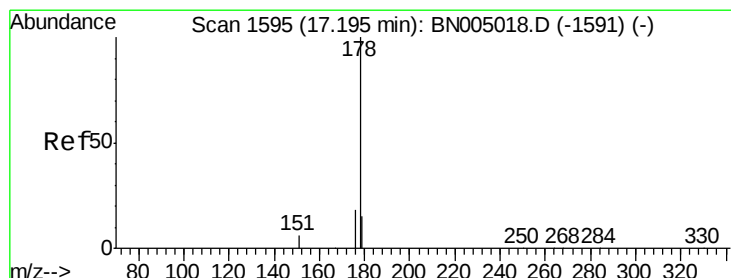
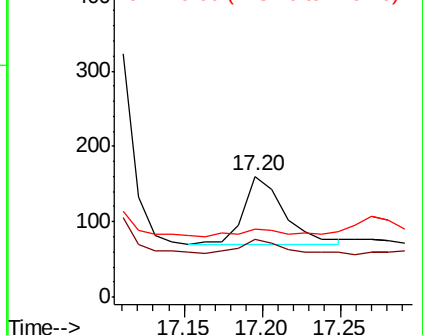
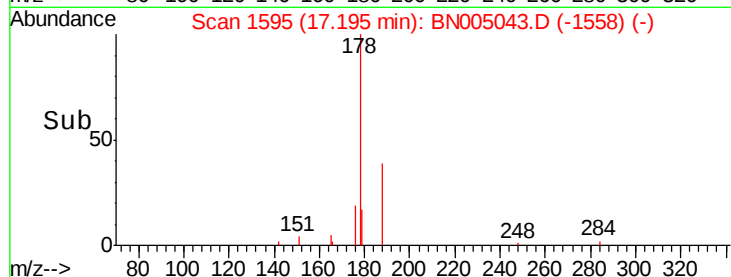
179 17.7 12.2 18.2



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: 0.004 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

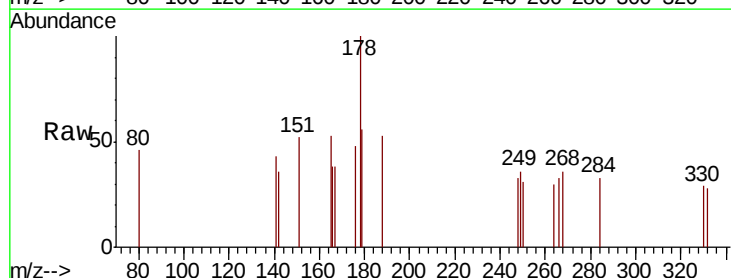
Tgt Ion:178 Resp: 164

Ion Ratio Lower Upper

178 100

176 22.0 14.6 22.0

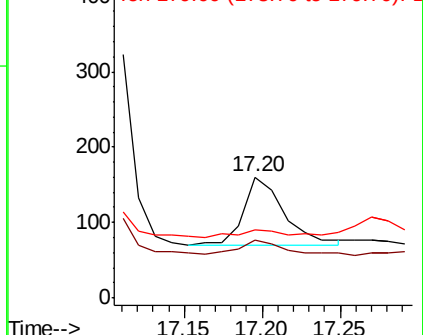
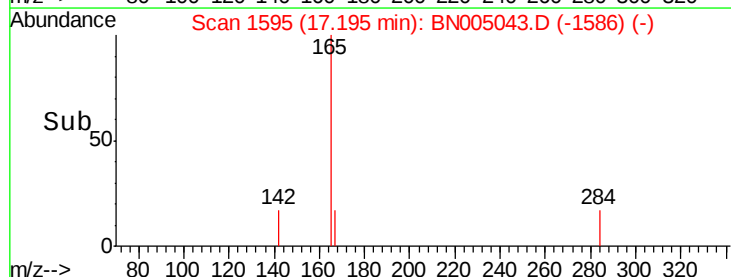
179 15.9 12.3 18.5

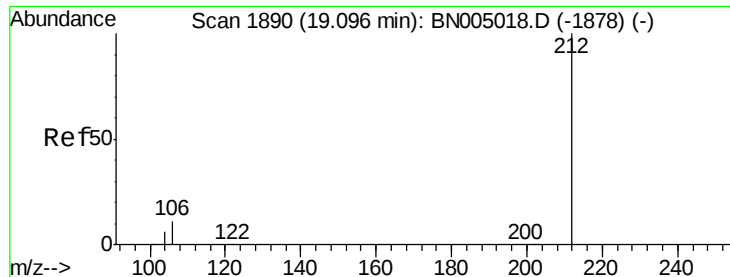


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.10 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

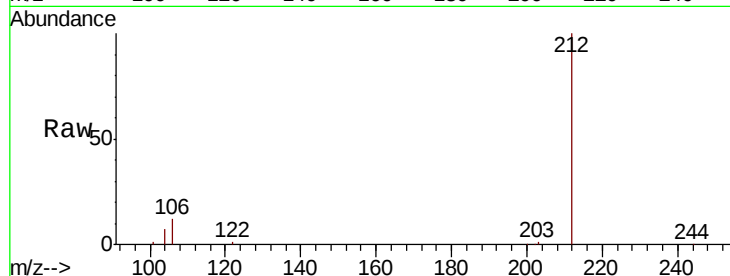
Tot Ion:212 Resp: 20649

Ion Ratio Lower Upper

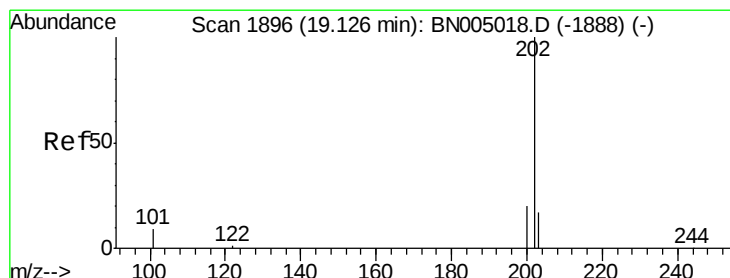
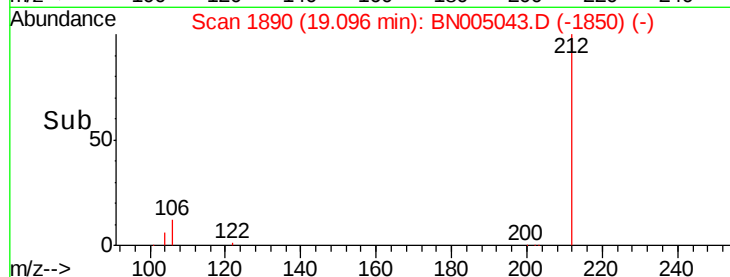
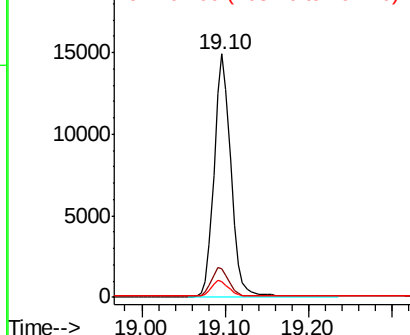
212 100

106 12.3 9.4 14.2

104 6.7 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: 0.011 ng

RT: 19.13 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

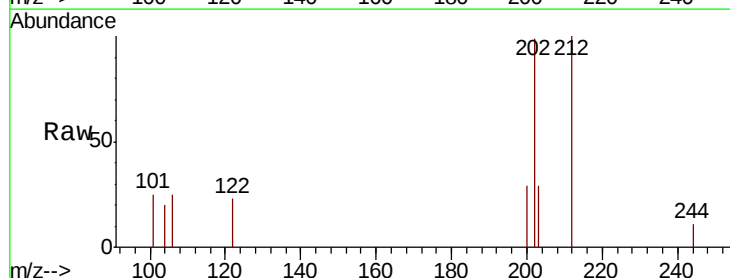
Tgt Ion:202 Resp: 641

Ion Ratio Lower Upper

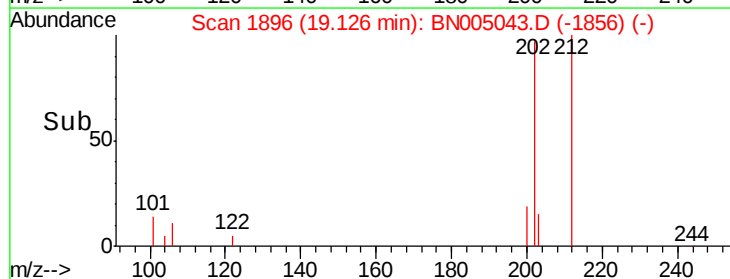
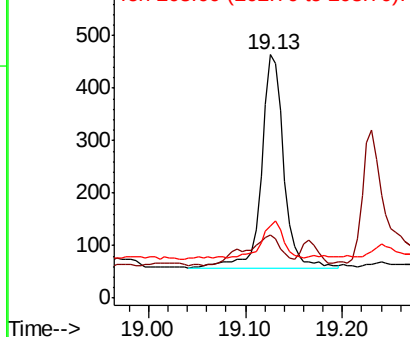
202 100

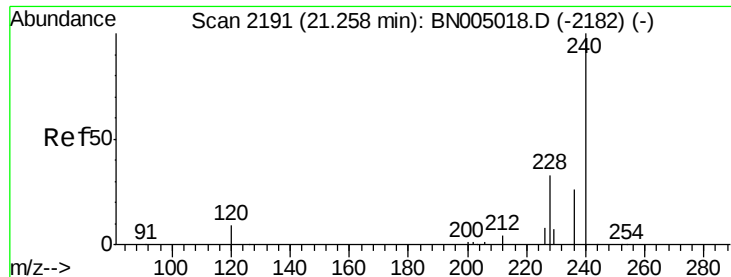
101 11.4 8.2 12.2

203 19.8 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: 21.27 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

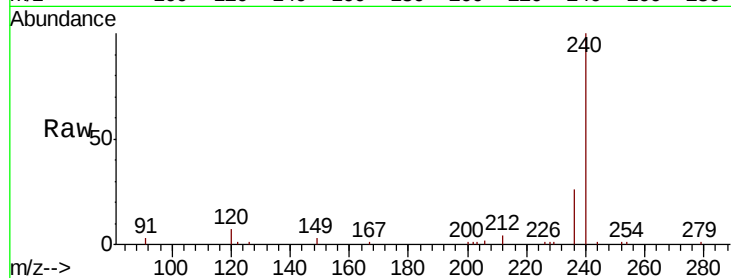
Tot Ion:240 Resp: 18798

Ion Ratio Lower Upper

240 100

120 6.6 7.4 11.0#

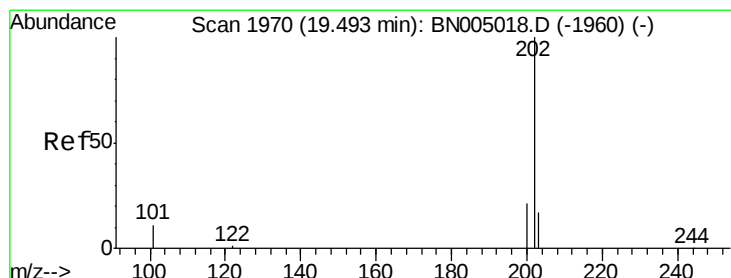
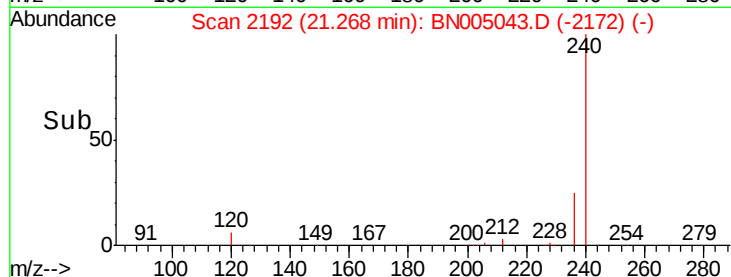
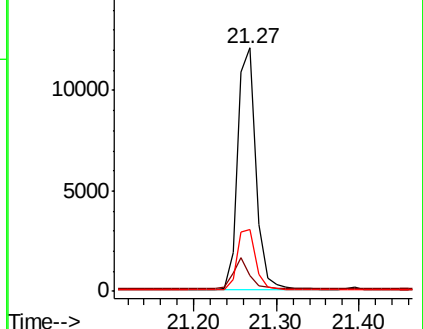
236 25.5 21.0 31.6



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: 0.020 ng

RT: 19.50 min Scan# 1971

Delta R.T. 0.01 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

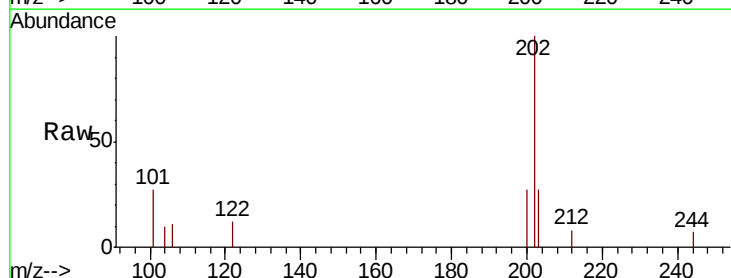
Tgt Ion:202 Resp: 1064

Ion Ratio Lower Upper

202 100

200 22.7 16.5 24.7

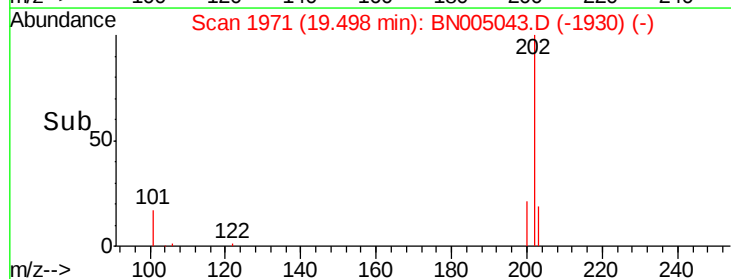
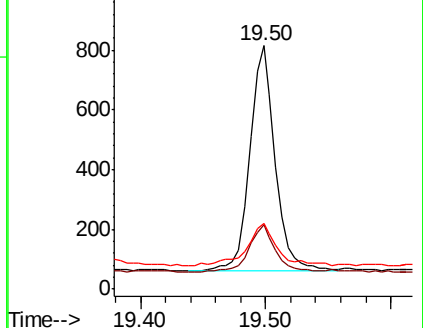
203 21.7 13.9 20.9#

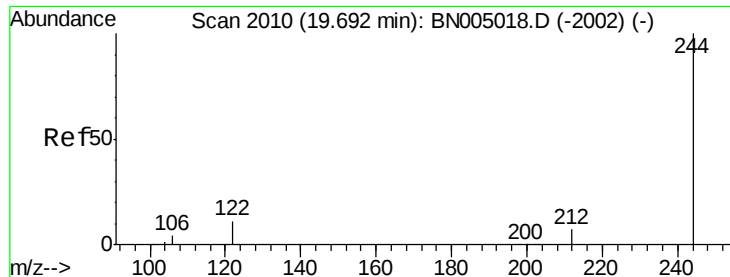


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.611 ng

RT: 19.69 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampled :

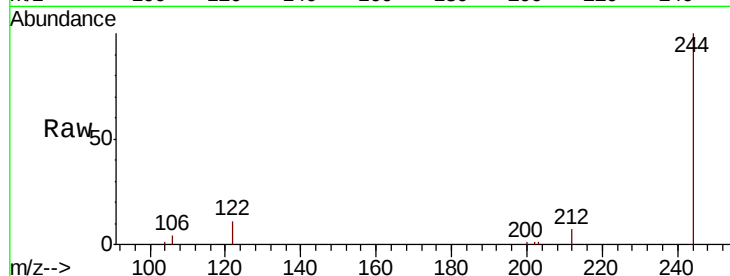
Tot Ion:244 Resp: 23611

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

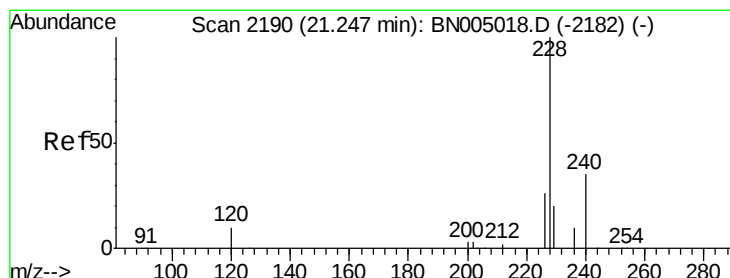
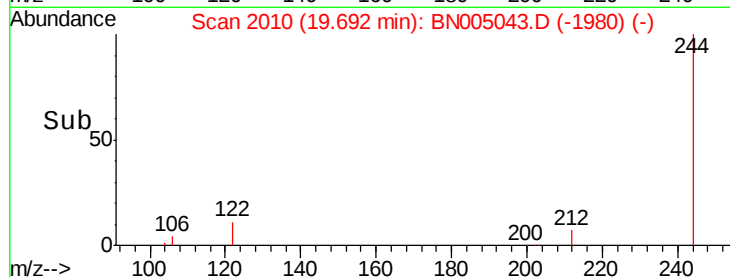
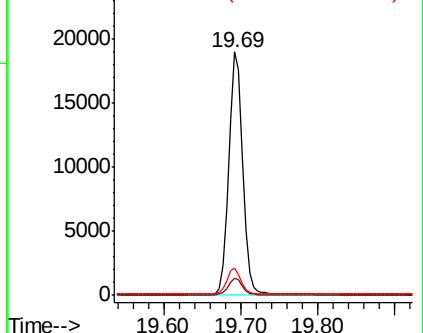
122 11.3 9.0 13.4



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: 0.008 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

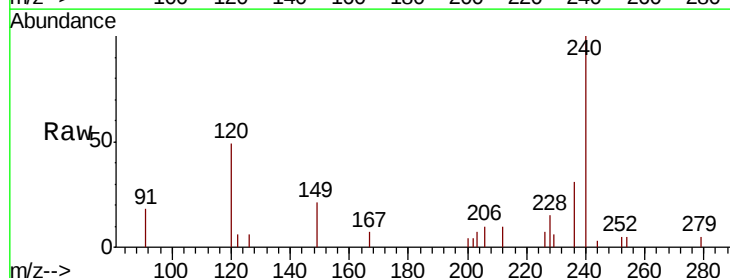
Tgt Ion:228 Resp: 440

Ion Ratio Lower Upper

228 100

226 43.9 20.9 31.3#

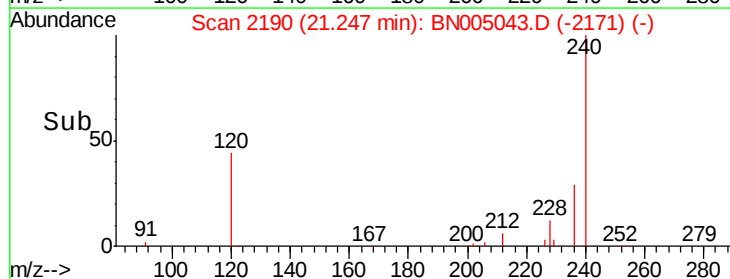
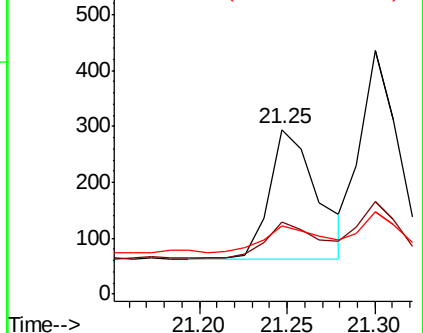
229 41.8 16.2 24.2#

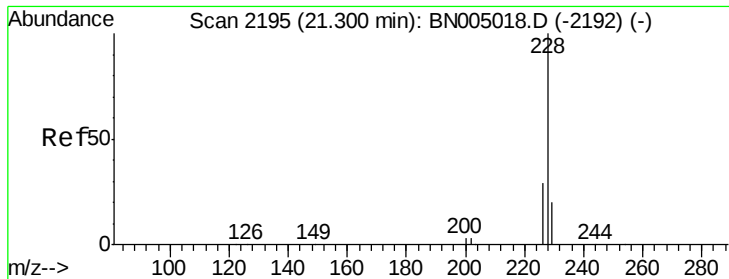


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.010 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

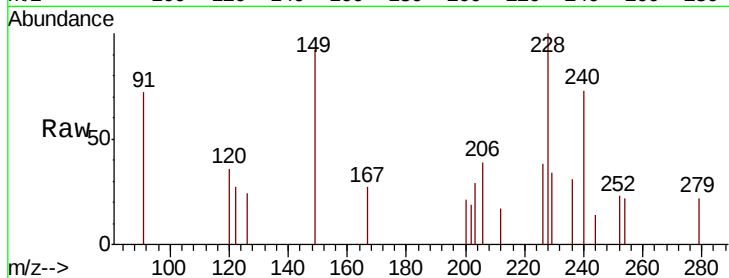
Tot Ion:228 Resp: 556

Ion Ratio Lower Upper

228 100

226 38.1 22.8 34.2#

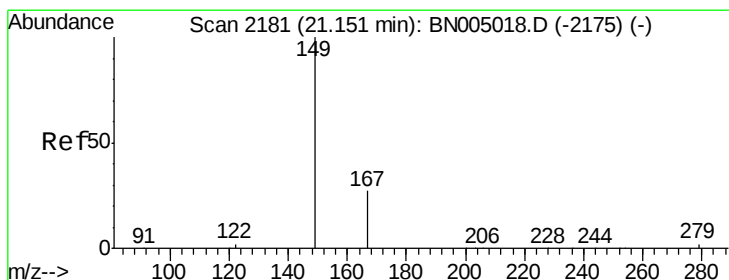
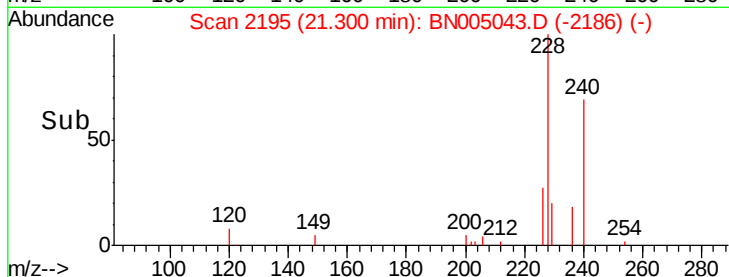
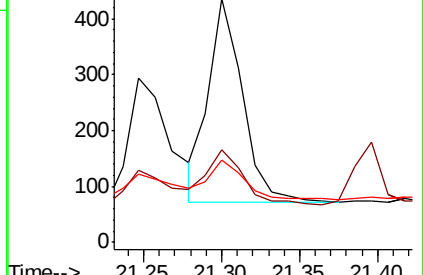
229 33.9 16.2 24.4#



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: 0.220 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

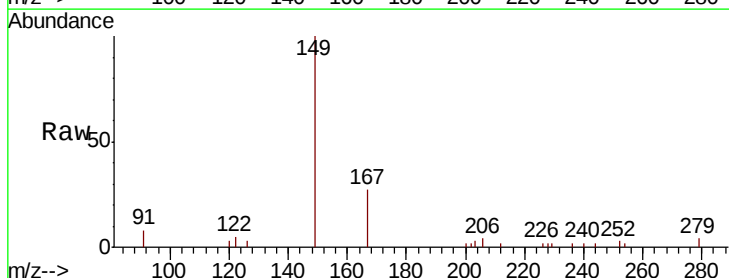
Tgt Ion:149 Resp: 4874

Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.4

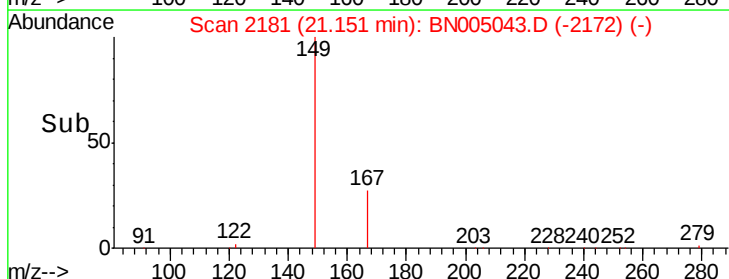
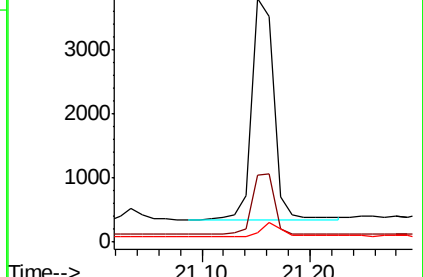
279 5.5 4.2 6.4

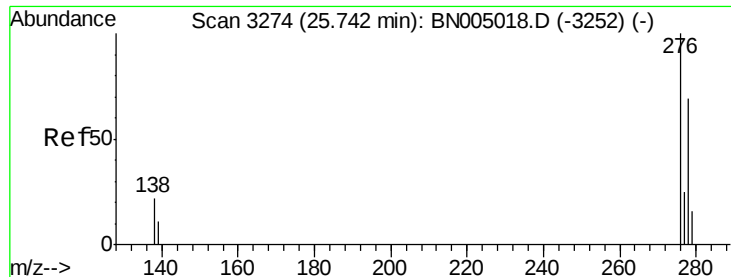


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.005 ng

RT: 25.78 min Scan# 3286

Delta R.T. 0.04 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampled :

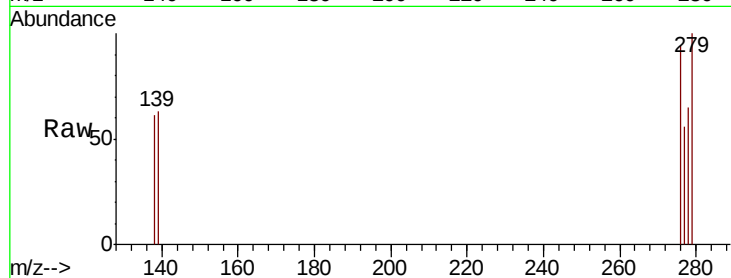
Tot Ion:276 Resp: 314

Ion Ratio Lower Upper

276 100

138 21.0 18.2 27.2

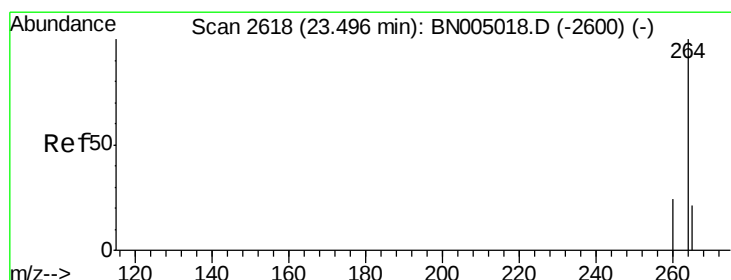
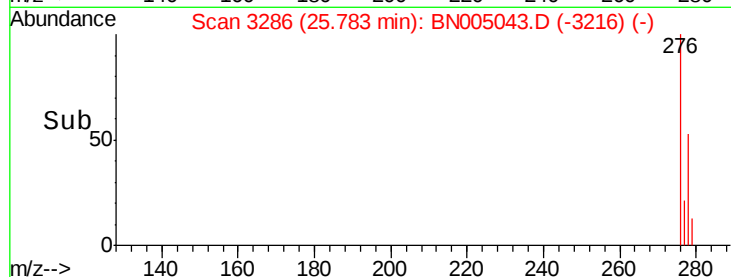
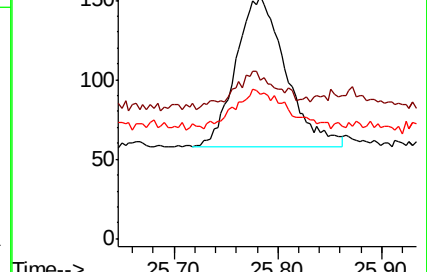
277 27.4 20.3 30.5



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: BN005043.D

Acq: 01 Apr 2019 11:48

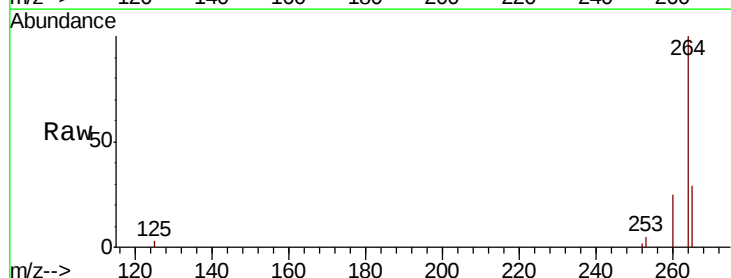
Tgt Ion:264 Resp: 17061

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

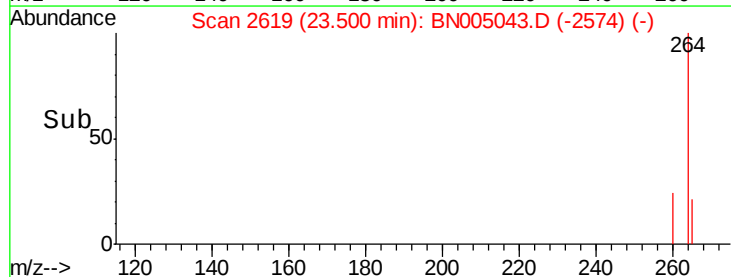
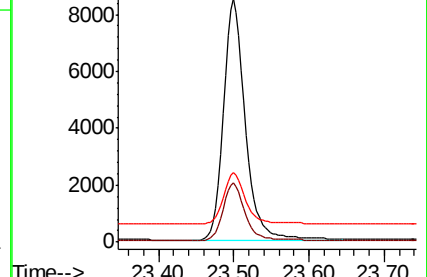
265 28.6 22.5 33.7

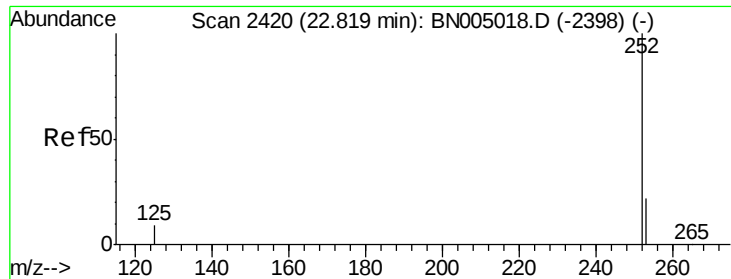


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

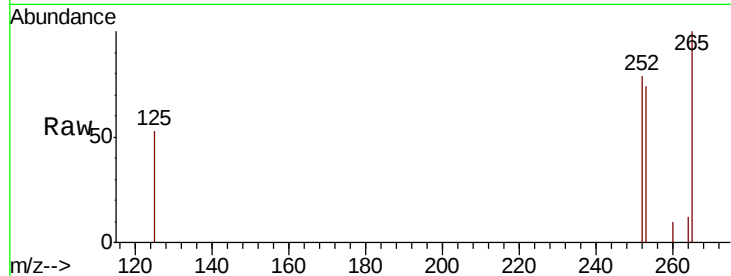




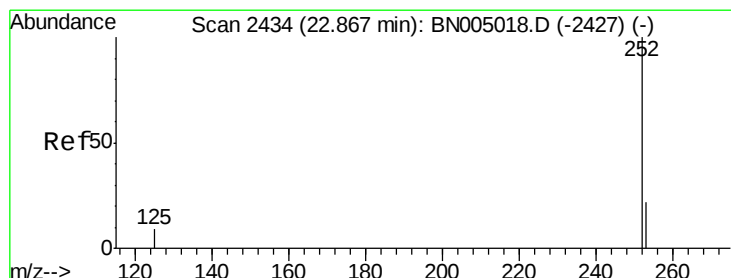
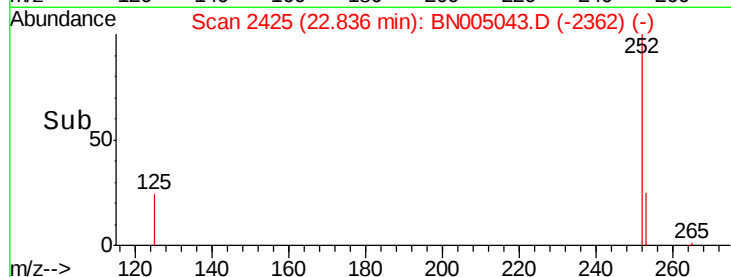
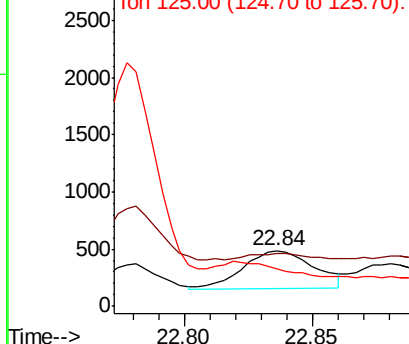
#35
Benzo(b)fluoranthene
Concen: 0.012 ng
RT: 22.84 min Scan# 2425
Delta R.T. 0.02 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 634
Ion Ratio Lower Upper
252 100
253 94.4 19.2 28.8#
125 67.4 8.2 12.2#

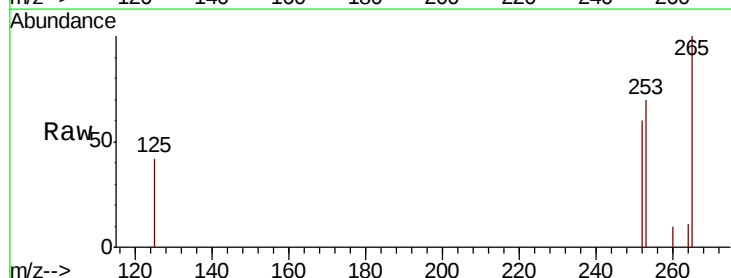


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

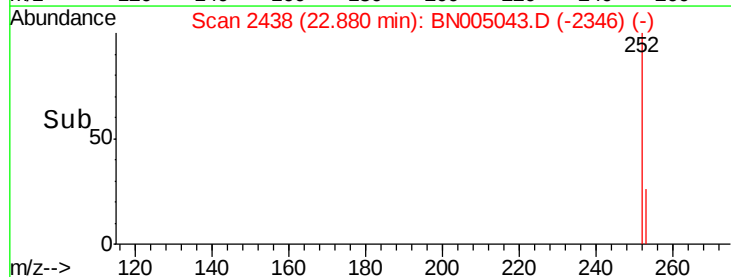
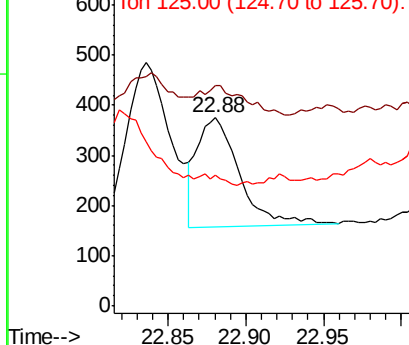


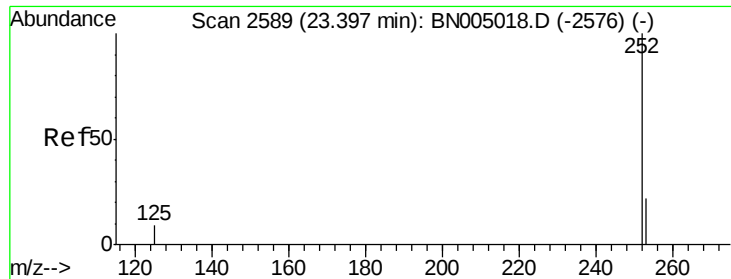
#36
Benzo(k)fluoranthene
Concen: 0.008 ng
RT: 22.88 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:252 Resp: 408
Ion Ratio Lower Upper
252 100
253 117.1 19.3 28.9#
125 69.6 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: 0.005 ng

RT: 23.41 min Scan# 2593

Delta R.T. 0.01 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

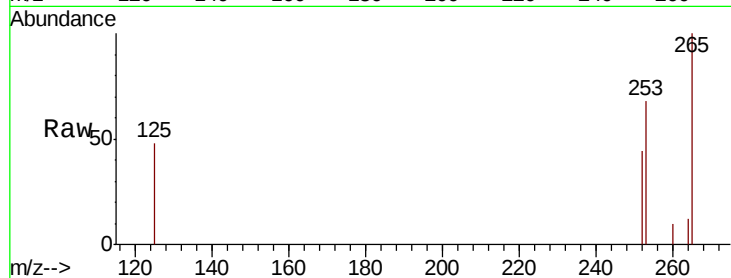
Tot Ion:252 Resp: 261

Ion Ratio Lower Upper

252 100

253 154.5 20.2 30.2#

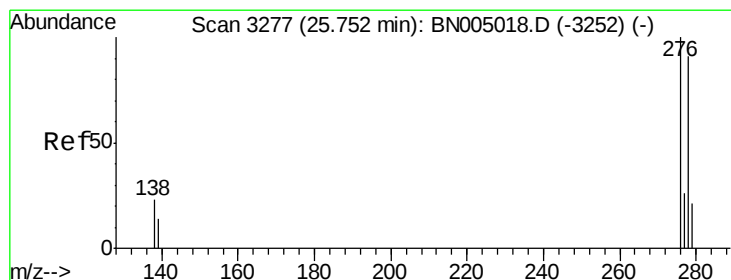
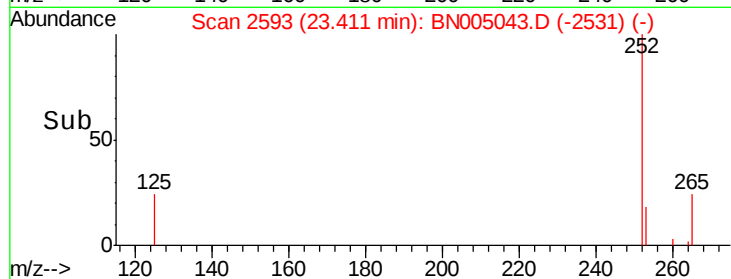
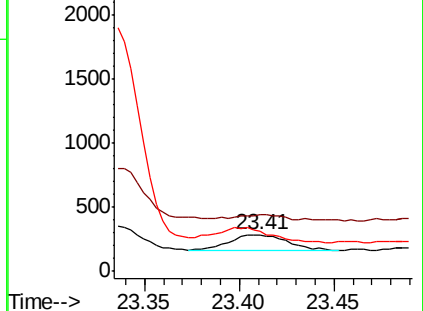
125 109.1 9.2 13.8#



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: 0.003 ng

RT: 25.78 min Scan# 3286

Delta R.T. 0.03 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

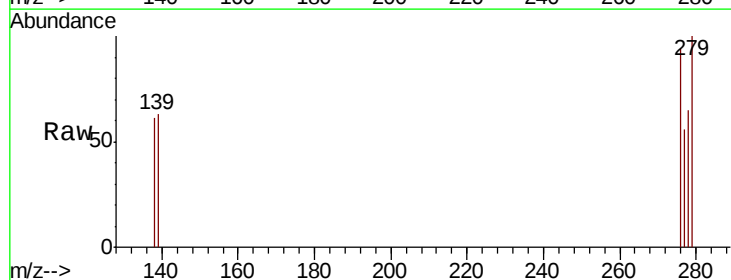
Tgt Ion:278 Resp: 155

Ion Ratio Lower Upper

278 100

139 96.2 13.1 19.7#

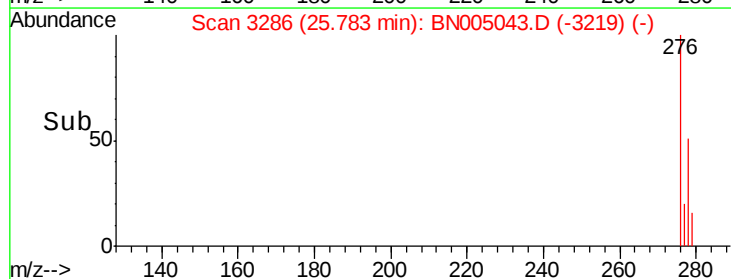
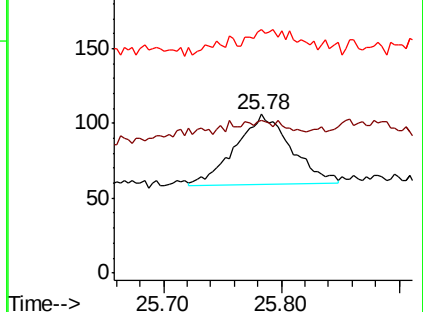
279 153.8 20.2 30.2#

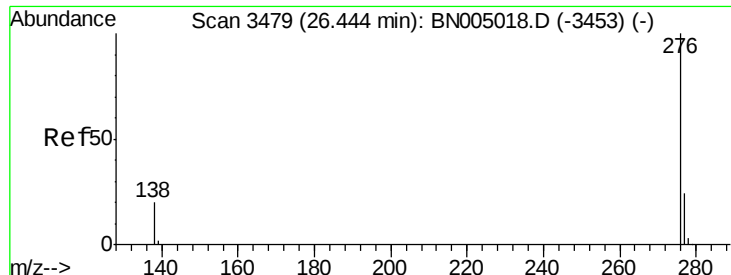


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.010 ng

RT: 26.47 min Scan# 3486

Delta R.T. 0.02 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

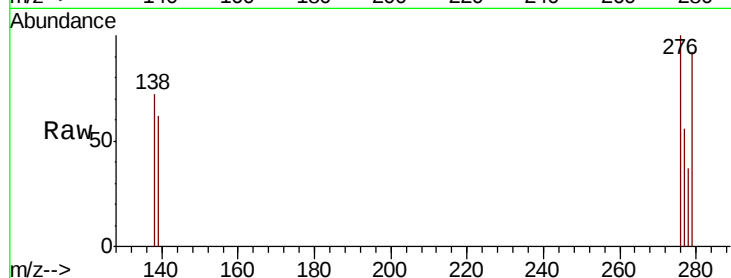
Tot Ion:276 Resp: 488

Ion Ratio Lower Upper

276 100

277 56.5 19.8 29.6#

138 72.3 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

