

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040119\
 Data File : BN005040.D
 Acq On : 01 Apr 2019 09:58
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 01 12:09:11 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	3367	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	14560	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	8552	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	20693	0.40	ng	0.00
27) Chrysene-d12	21.26	240	25075	0.40	ng	0.00
34) Perylene-d12	23.49	264	26390	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3570	0.42	ng	0.00
5) Phenol-d6	6.84	99	4278	0.43	ng	0.00
8) Nitrobenzene-d5	8.82	82	3477	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	9707	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1825	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	14247	0.44	ng	0.00
25) Fluoranthene-d10	19.10	212	25206	0.43	ng	0.00
29) Terphenyl-d14	19.69	244	21004	0.41	ng	0.00

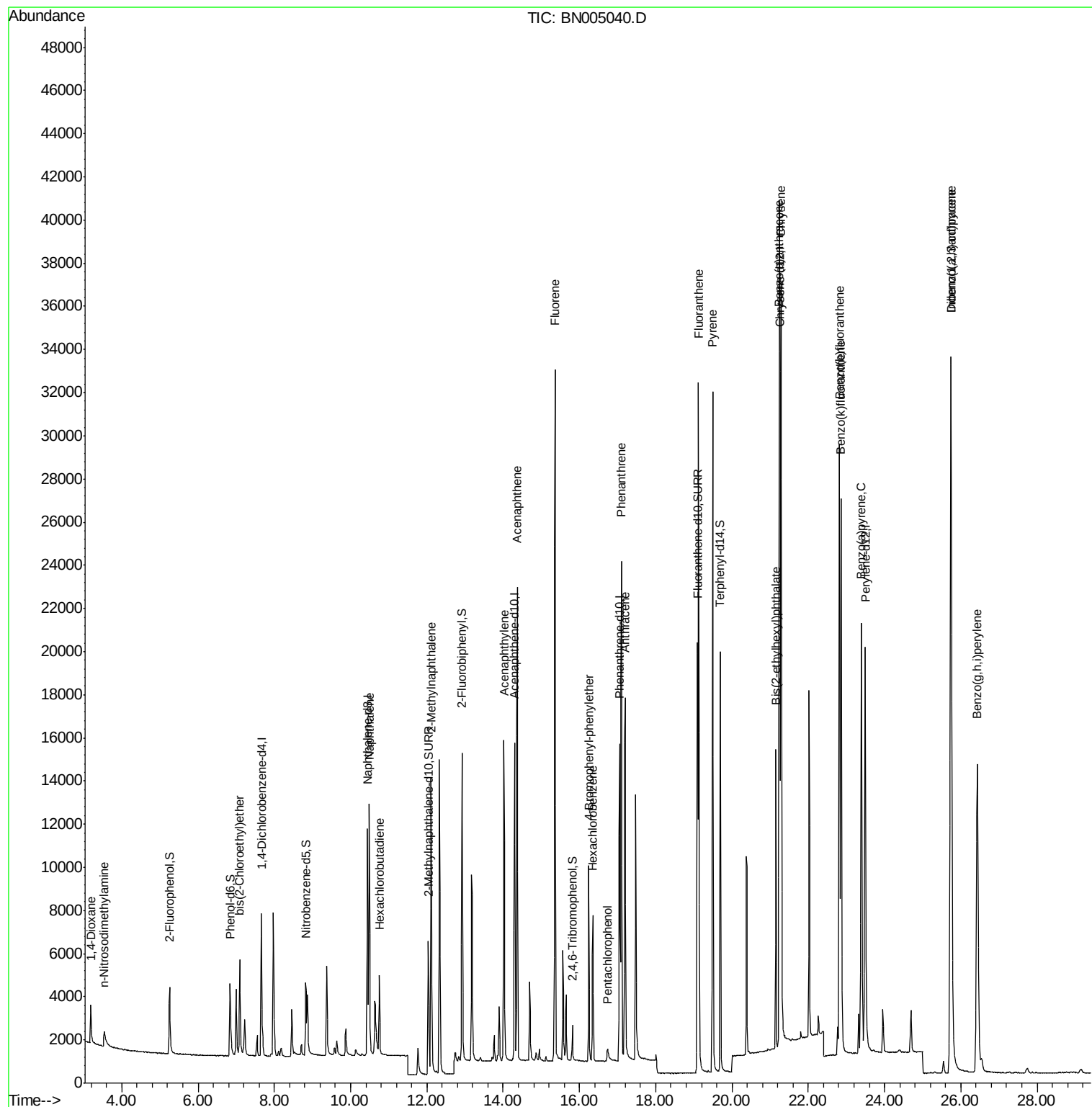
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	1412	0.390	ng	94
3) n-Nitrosodimethylamine	3.54	42	699	0.316	ng	# 95
6) bis(2-Chloroethyl)ether	7.10	93	4139	0.440	ng	99
9) Naphthalene	10.49	128	16021	0.438	ng	99
10) Hexachlorobutadiene	10.76	225	2943	0.433	ng	# 100
12) 2-Methylnaphthalene	12.11	142	11412	0.432	ng	97
16) Acenaphthylene	14.02	152	16920	0.419	ng	100
17) Acenaphthene	14.37	154	11224	0.438	ng	99
18) Fluorene	15.36	166	14912	0.433	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	4964	0.419	ng	96
21) Hexachlorobenzene	16.36	284	5682	0.434	ng	99
22) Pentachlorophenol	16.74	266	730	0.360	ng	98
23) Phenanthrene	17.10	178	24932	0.431	ng	100
24) Anthracene	17.20	178	21585	0.418	ng	100
26) Fluoranthene	19.13	202	30235	0.426	ng	99
28) Pyrene	19.49	202	30819	0.433	ng	100
30) Benzo(a)anthracene	21.24	228	29567	0.418	ng	98
31) Chrysene	21.29	228	32697	0.429	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	10977	0.371	ng	100
33) Indeno(1,2,3-cd)pyrene	25.74	276	40947	0.478	ng	100
35) Benzo(b)fluoranthene	22.82	252	36127	0.427	ng	98
36) Benzo(k)fluoranthene	22.86	252	34607	0.423	ng	98
37) Benzo(a)pyrene	23.39	252	31975	0.425	ng	98
38) Dibenzo(a,h)anthracene	25.75	278	33090	0.440	ng	99
39) Benzo(g,h,i)perylene	26.44	276	34268	0.452	ng	99

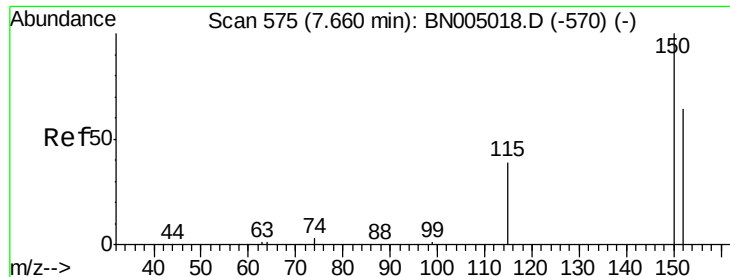
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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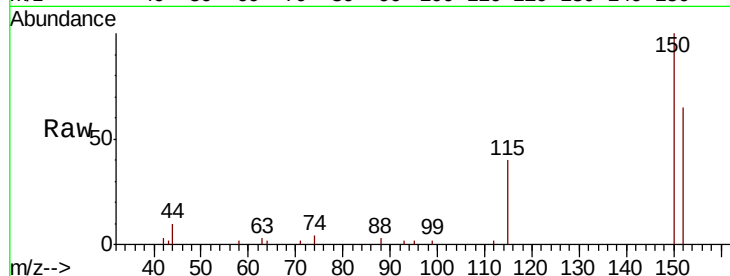


#1

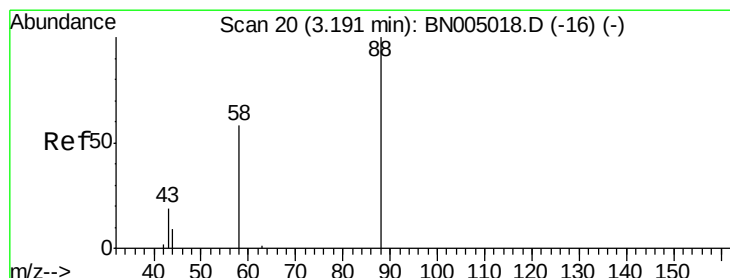
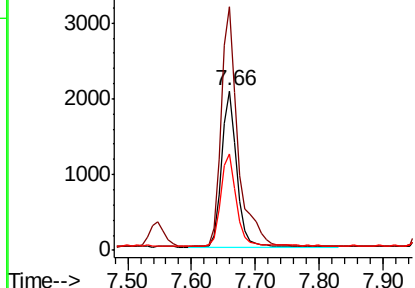
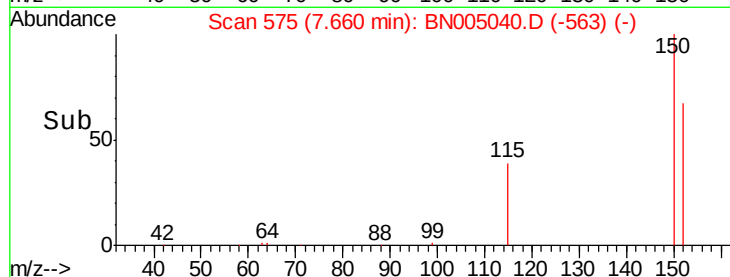
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005040.D
Acq: 01 Apr 2019 09:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3367
Ion Ratio Lower Upper
152 100
150 152.9 123.4 185.2
115 60.6 50.0 75.0



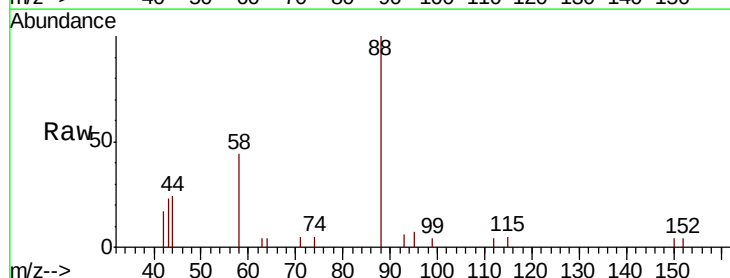
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



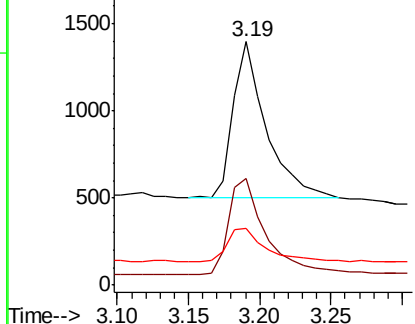
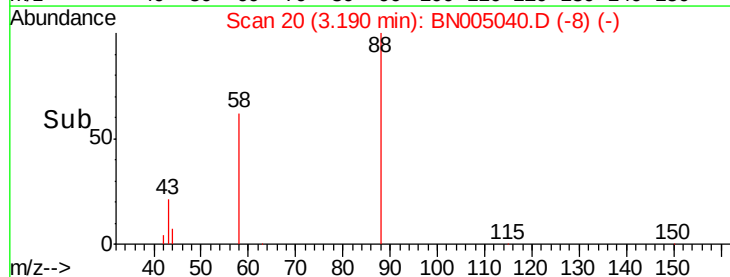
#2

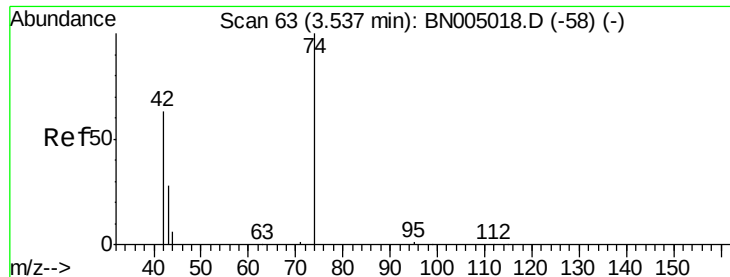
1,4-Dioxane
Concen: 0.390 ng
RT: 3.19 min Scan# 20
Delta R.T. -0.00 min
Lab File: BN005040.D
Acq: 01 Apr 2019 09:58

Tgt Ion: 88 Resp: 1412
Ion Ratio Lower Upper
88 100
58 71.7 52.8 79.2
43 25.2 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: 0.316 ng

RT: 3.54 min Scan# 63

Delta R.T. 0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampleId :

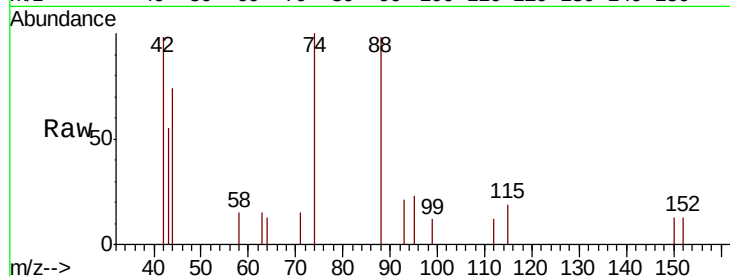
Tot Ion: 42 Resp: 699

Ion Ratio Lower Upper

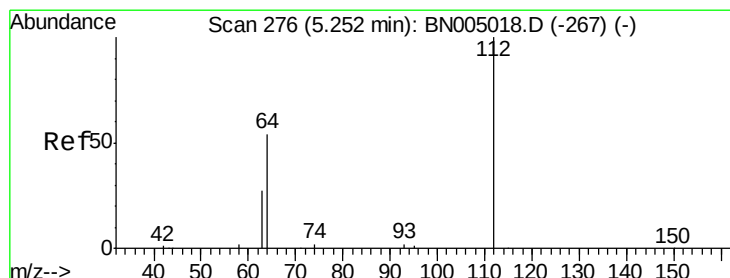
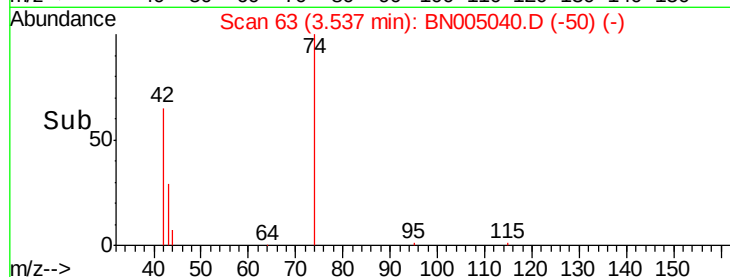
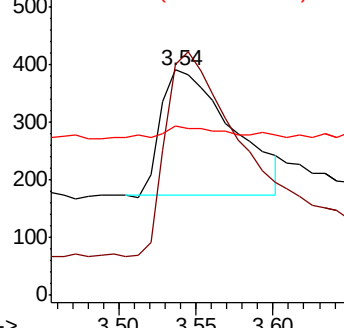
42 100

74 165.7 129.1 193.7

44 4.0 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: 0.425 ng

RT: 5.25 min Scan# 276

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

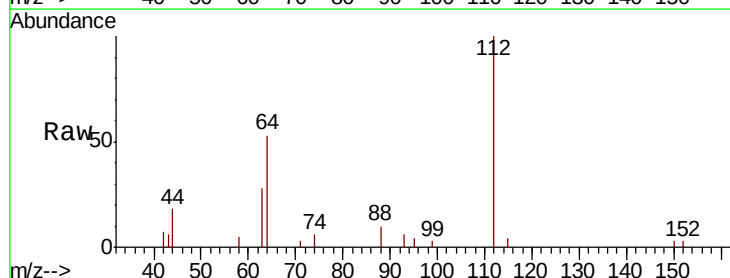
Tgt Ion: 112 Resp: 3570

Ion Ratio Lower Upper

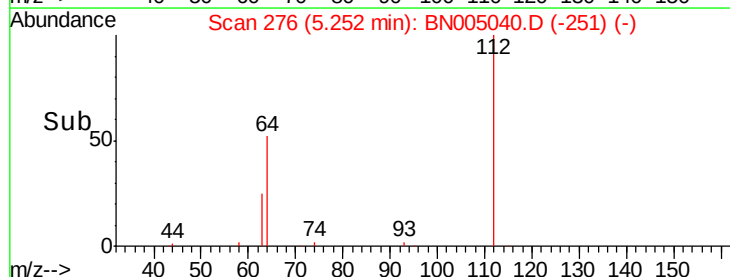
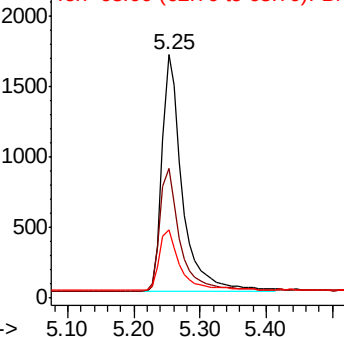
112 100

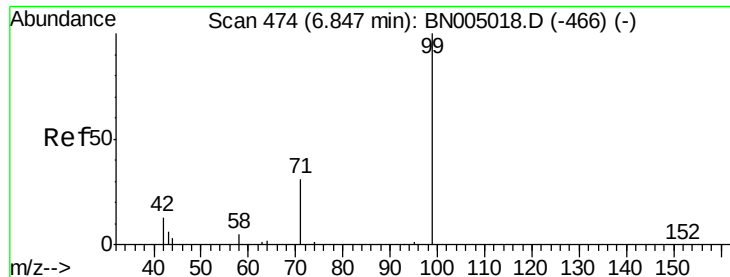
64 51.7 41.9 62.9

63 26.4 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: 0.430 ng

RT: 6.84 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampled :

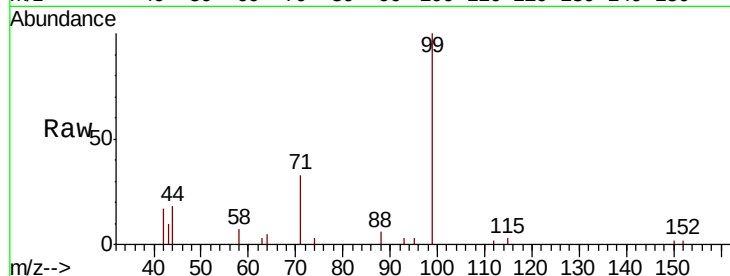
Tot Ion: 99 Resp: 4278

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

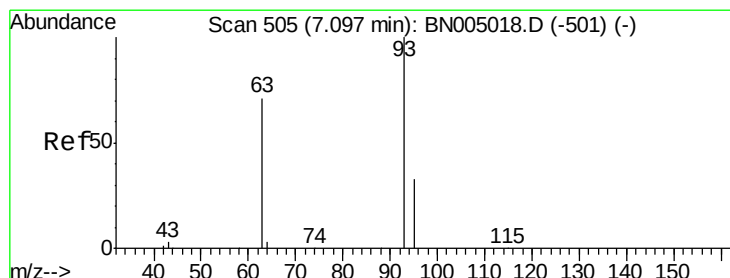
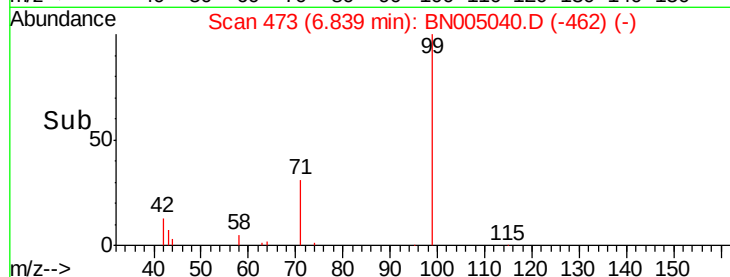
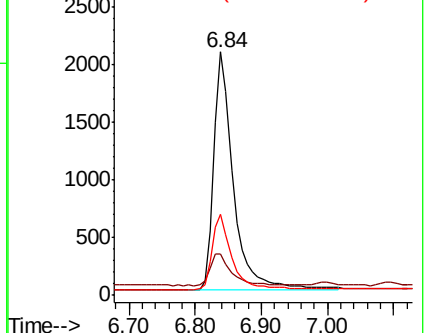
71 31.8 26.1 39.1



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: 0.440 ng

RT: 7.10 min Scan# 505

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

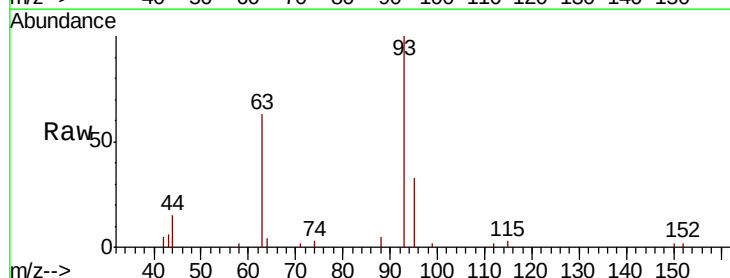
Tgt Ion: 93 Resp: 4139

Ion Ratio Lower Upper

93 100

63 65.2 51.8 77.6

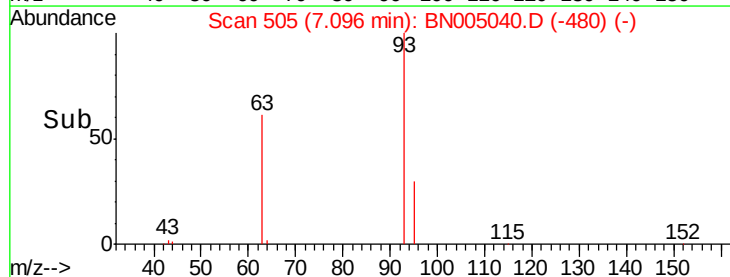
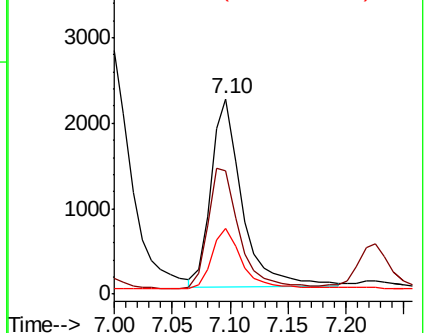
95 32.2 24.8 37.2

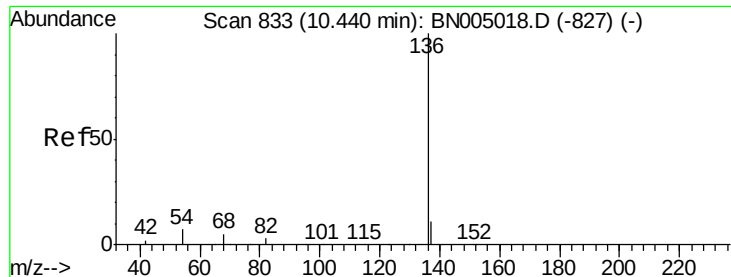


Abundance Ion 93.00 (92.70 to 93.70): BN005018.D (-501) (-)

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: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 14560

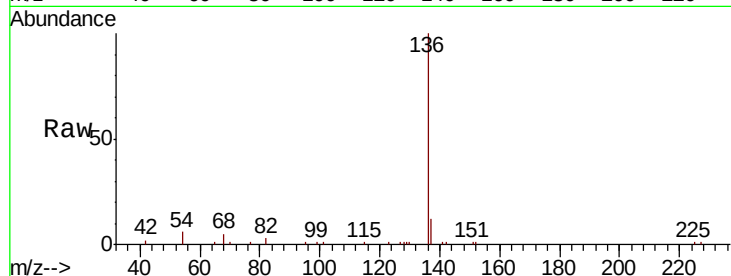
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 5.9 6.0 9.0#

68 5.3 5.0 7.6

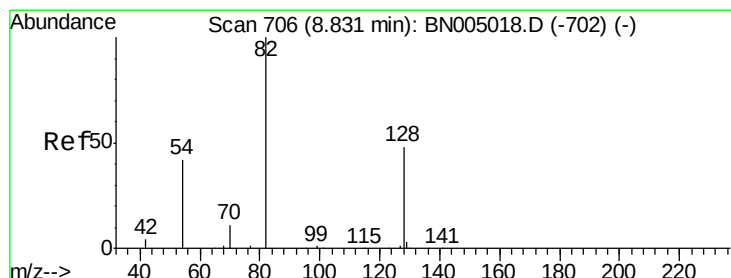
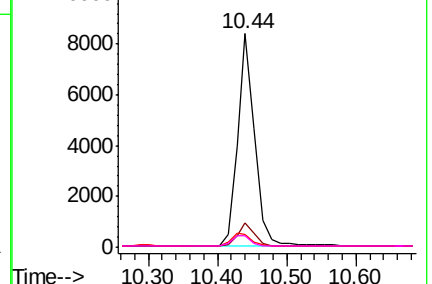
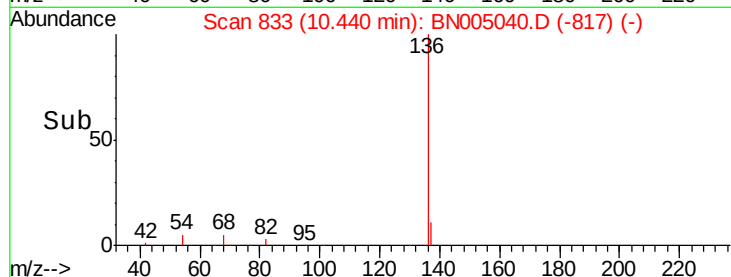


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.412 ng

RT: 8.82 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

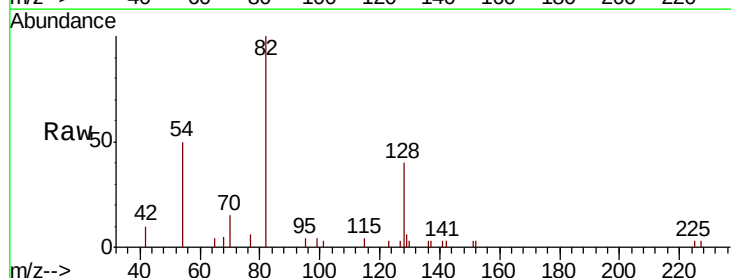
Tgt Ion: 82 Resp: 3477

Ion Ratio Lower Upper

82 100

128 39.9 40.5 60.7#

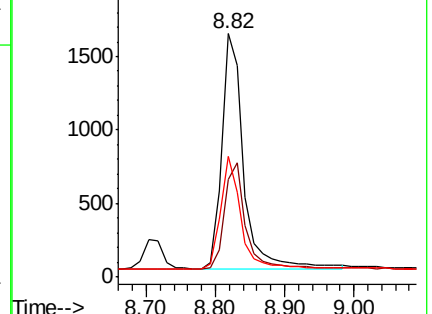
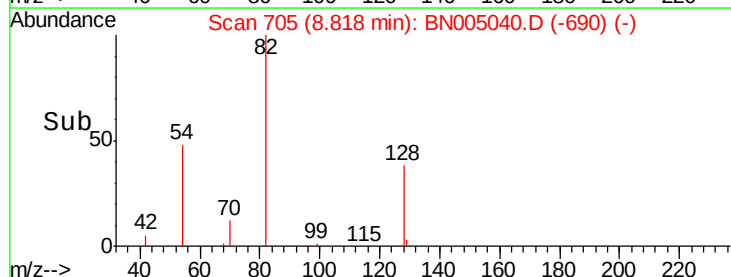
54 49.6 35.7 53.5

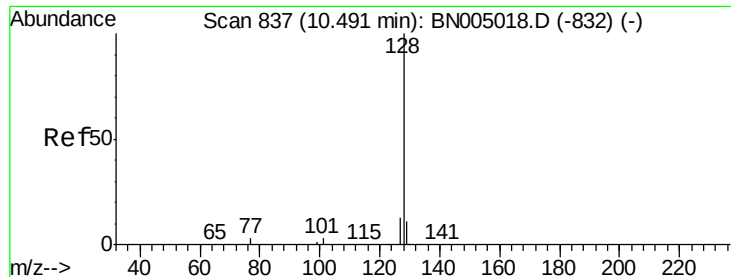


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.438 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampleId :

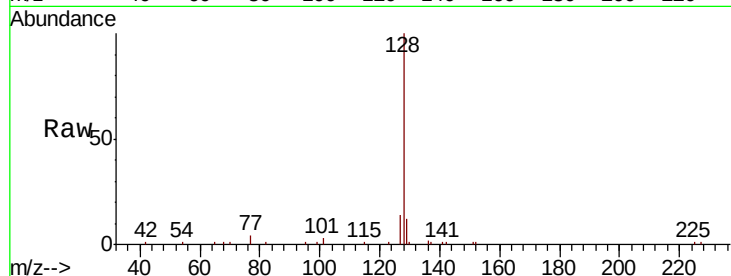
Tot Ion:128 Resp: 16021

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

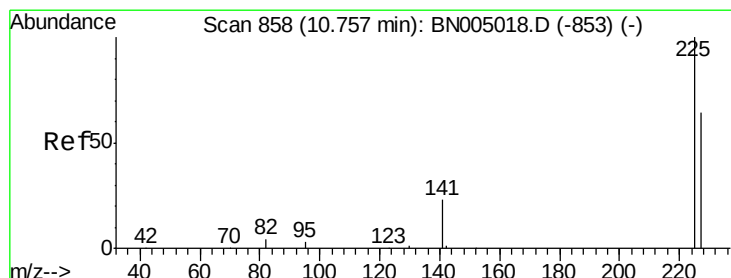
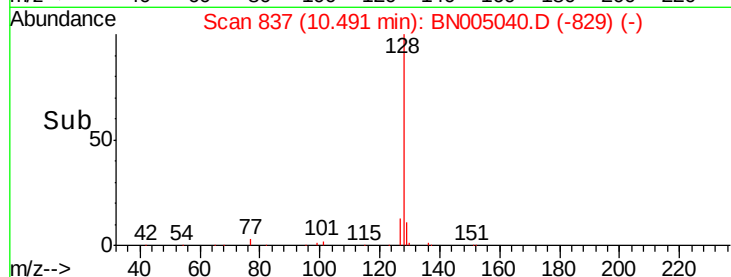
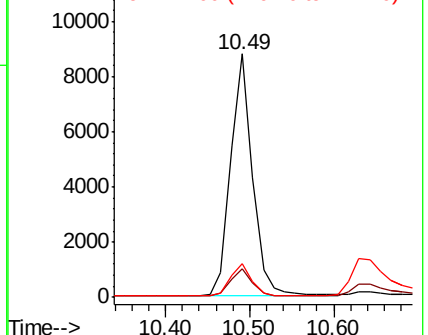
127 13.6 11.0 16.6



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: 0.433 ng

RT: 10.76 min Scan# 858

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

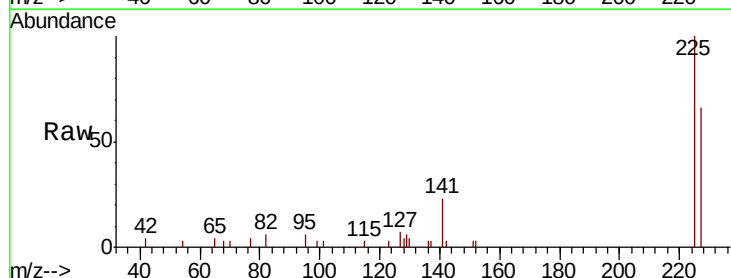
Tgt Ion:225 Resp: 2943

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

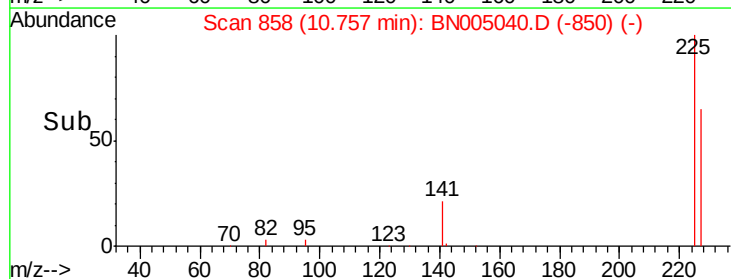
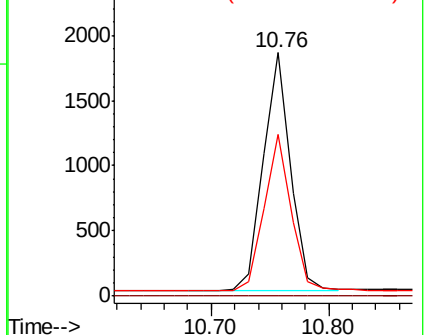
227 64.4 51.5 77.3

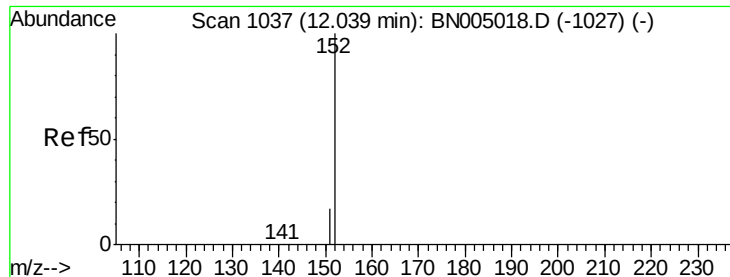


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

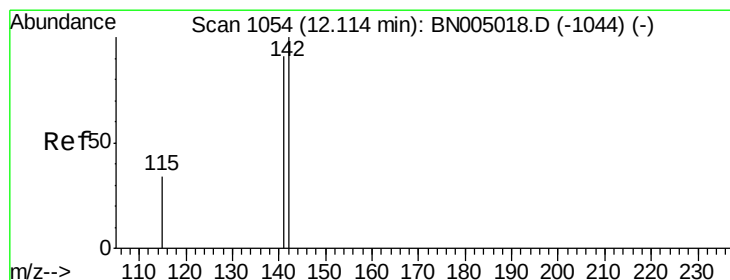
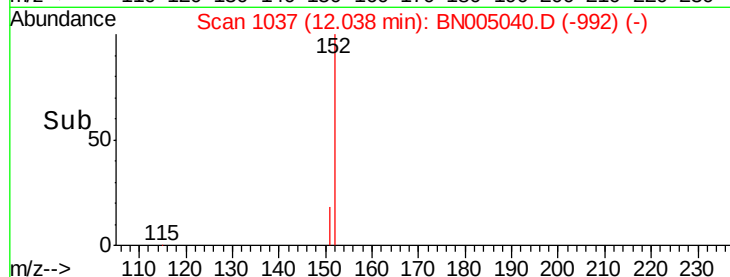
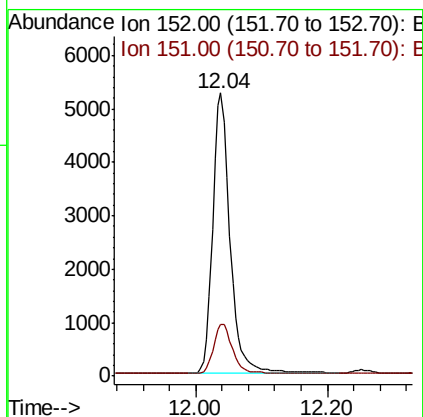
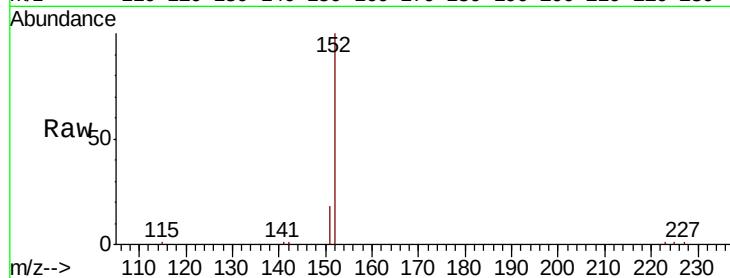




#11
 2-Methylnaphthalene-d10
 Concen: 0.430 ng
 RT: 12.04 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BN005040.D
 Acq: 01 Apr 2019 09:58

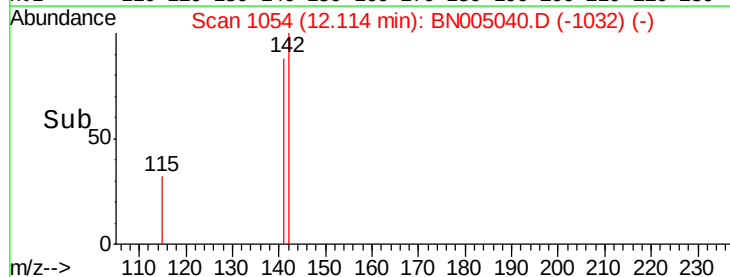
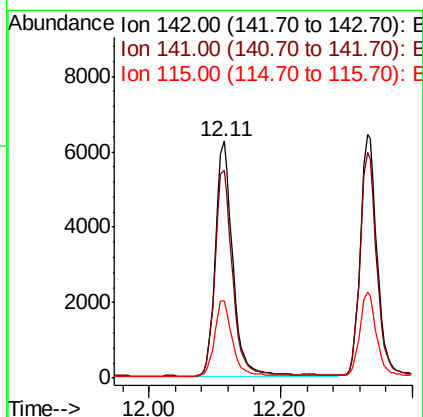
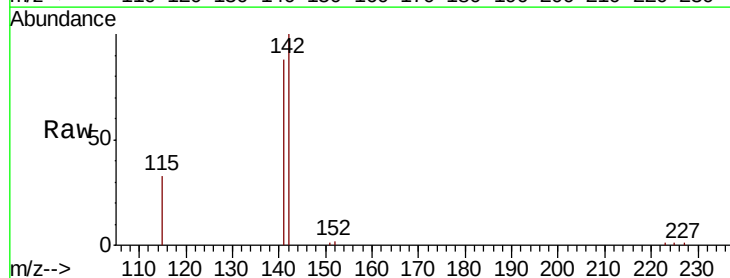
Instrument :
 BNA_N
 ClientSampleId :

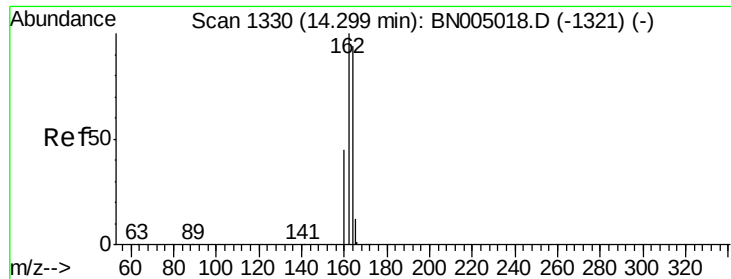
Tot Ion:152 Resp: 9707
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.432 ng
 RT: 12.11 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BN005040.D
 Acq: 01 Apr 2019 09:58

Tgt Ion:142 Resp: 11412
 Ion Ratio Lower Upper
 142 100
 141 88.0 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: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampleId :

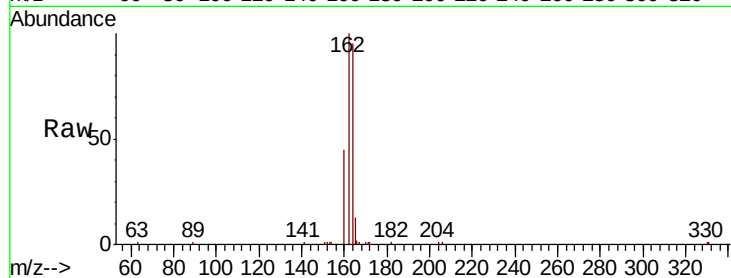
Tot Ion:164 Resp: 8552

Ion Ratio Lower Upper

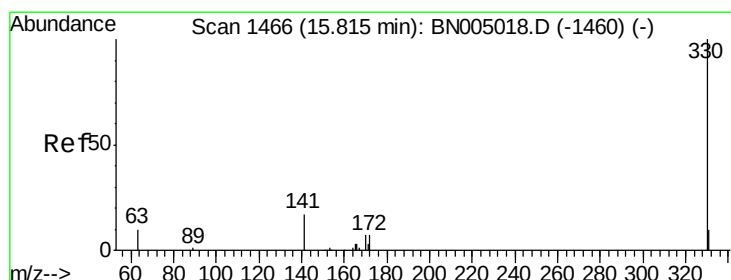
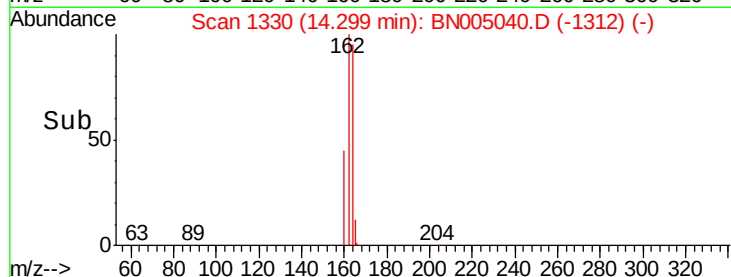
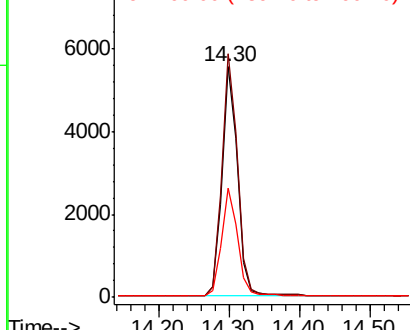
164 100

162 105.5 85.3 127.9

160 47.4 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: 0.380 ng

RT: 15.81 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

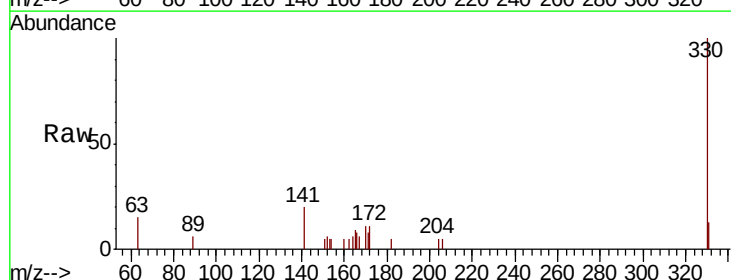
Tgt Ion:330 Resp: 1825

Ion Ratio Lower Upper

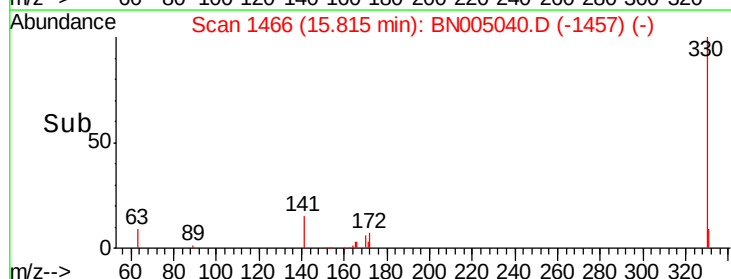
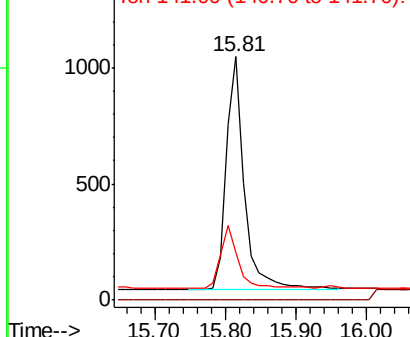
330 100

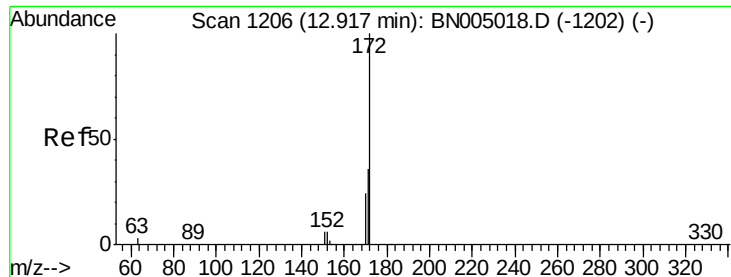
332 0.0 0.0 0.0

141 25.6 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: 0.441 ng

RT: 12.92 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

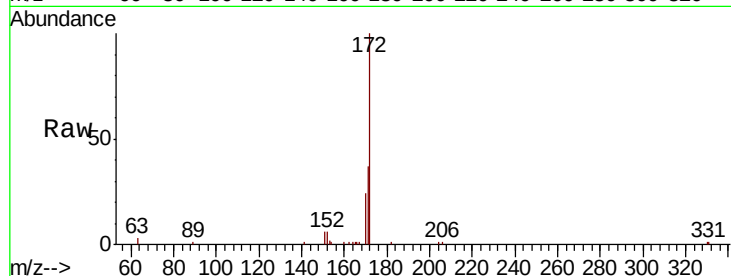
Instrument :

BNA_N

ClientSampled :

Tot Ion:172 Resp: 14247

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.4	20.0	30.0

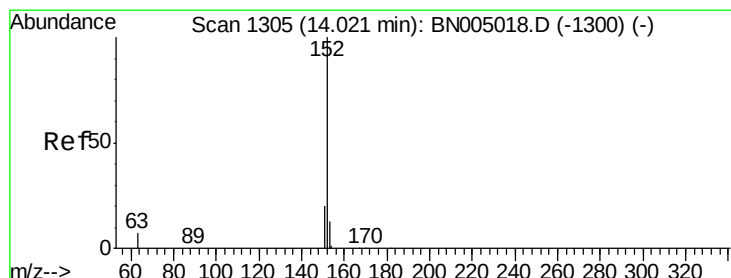
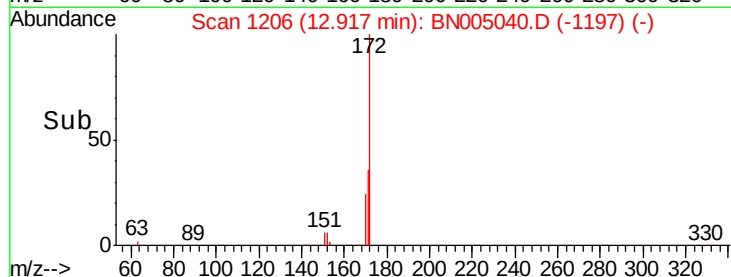
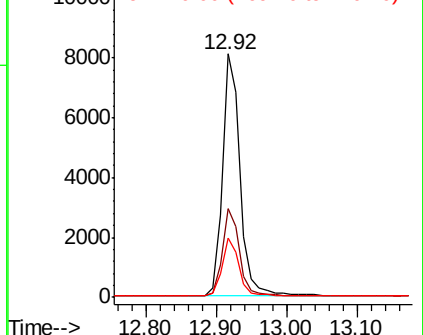


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.419 ng

RT: 14.02 min Scan# 1305

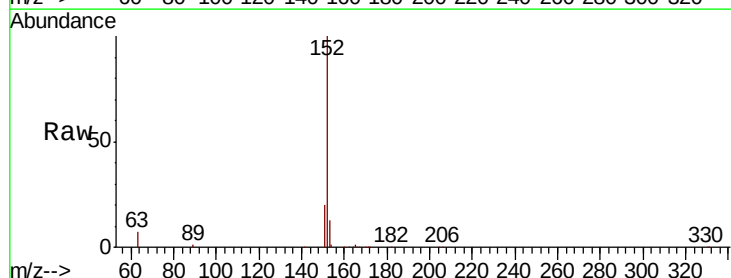
Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

Tgt Ion:152 Resp: 16920

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.0	10.6	15.8

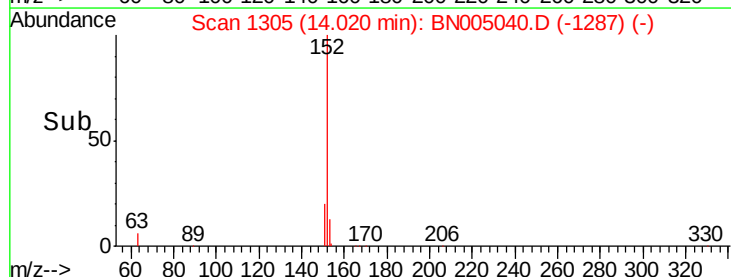
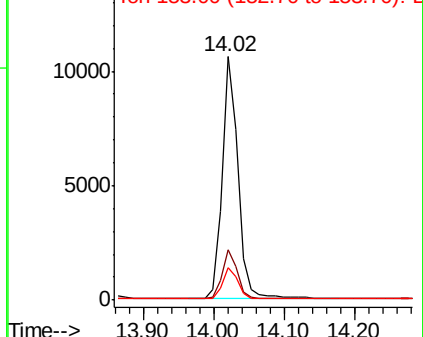


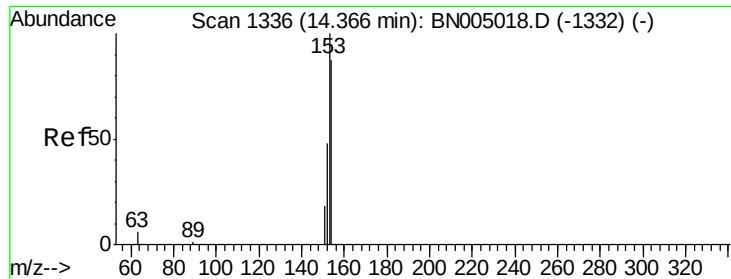
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.438 ng

RT: 14.37 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampled :

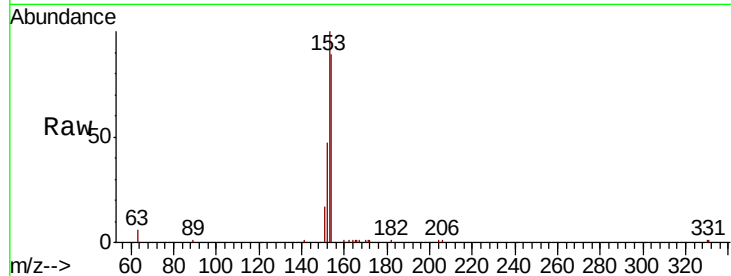
Tot Ion:154 Resp: 11224

Ion Ratio Lower Upper

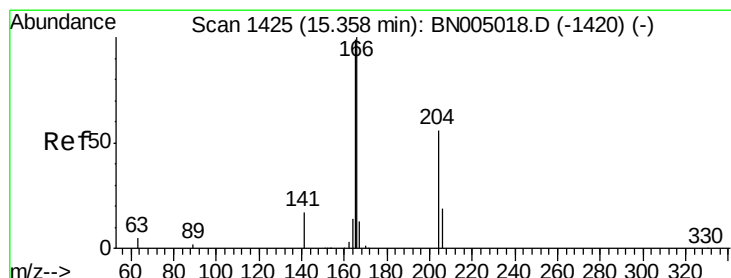
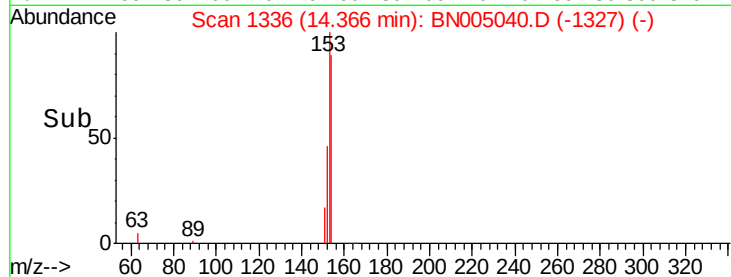
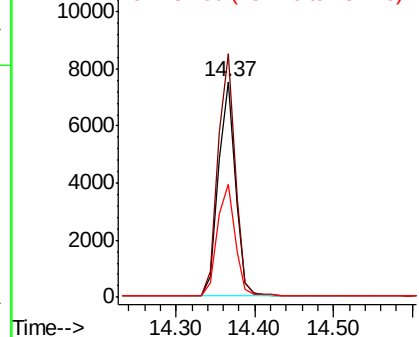
154 100

153 114.5 92.1 138.1

152 54.6 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: 0.433 ng

RT: 15.36 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

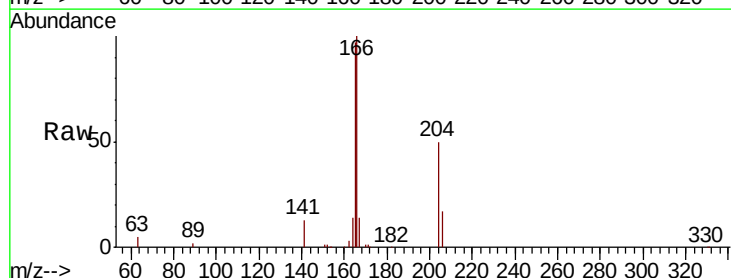
Tgt Ion:166 Resp: 14912

Ion Ratio Lower Upper

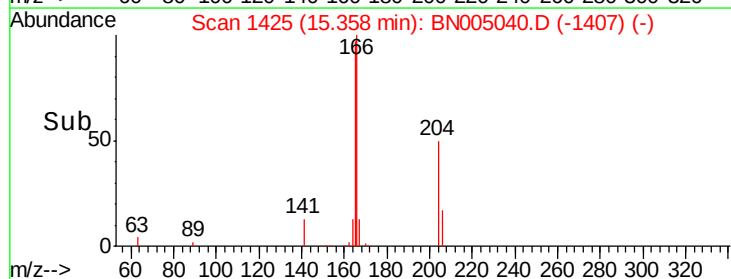
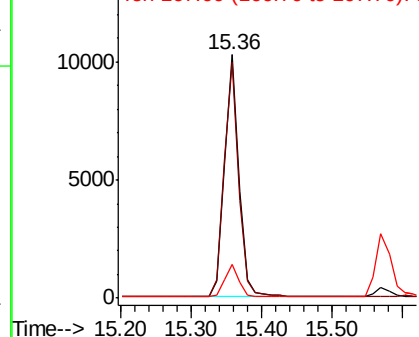
166 100

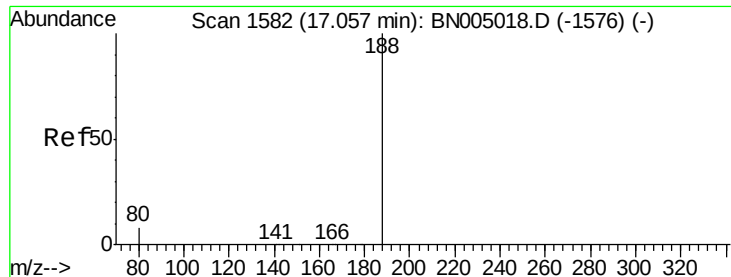
165 98.3 78.7 118.1

167 13.5 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: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampleId :

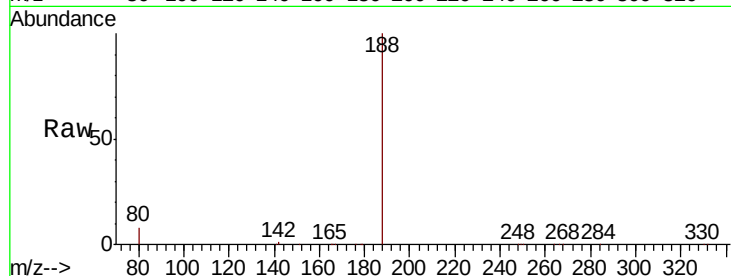
Tot Ion:188 Resp: 20693

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

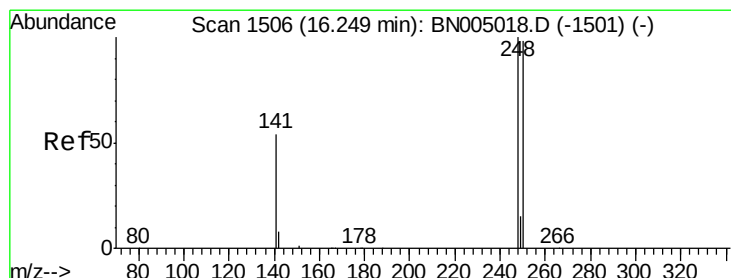
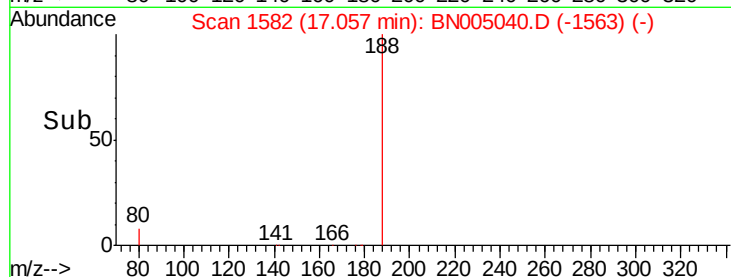
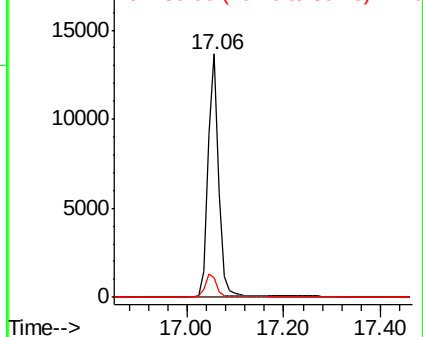
80 7.9 6.9 10.3



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: 0.419 ng

RT: 16.25 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

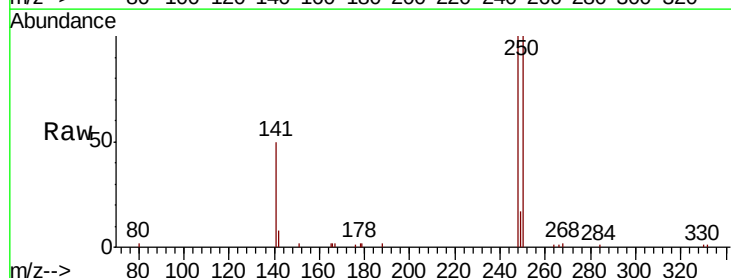
Tgt Ion:248 Resp: 4964

Ion Ratio Lower Upper

248 100

250 100.1 78.6 117.8

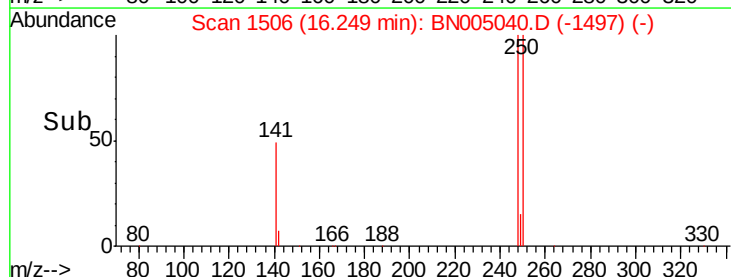
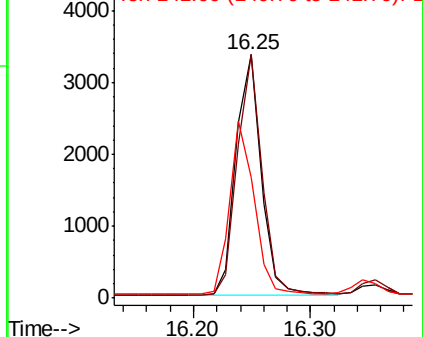
141 49.8 43.6 65.4

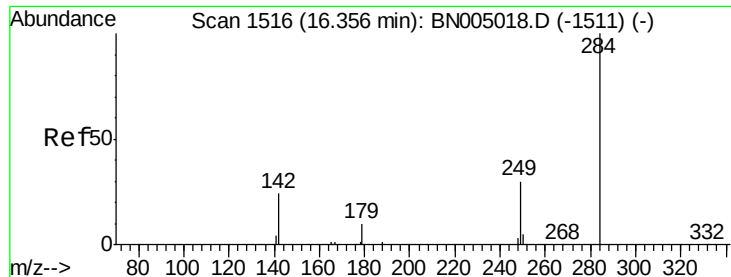


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.434 ng

RT: 16.36 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampleId :

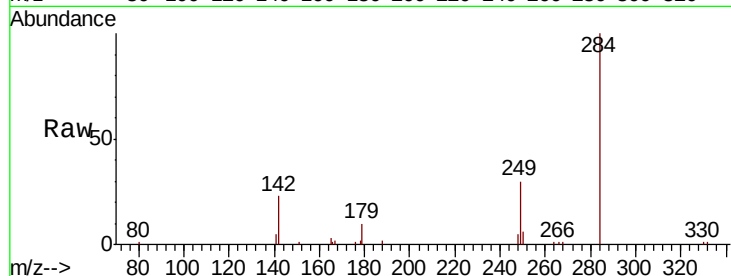
Tot Ion:284 Resp: 5682

Ion Ratio Lower Upper

284 100

142 29.9 24.9 37.3

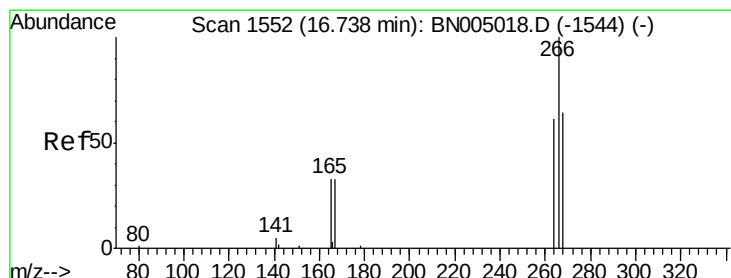
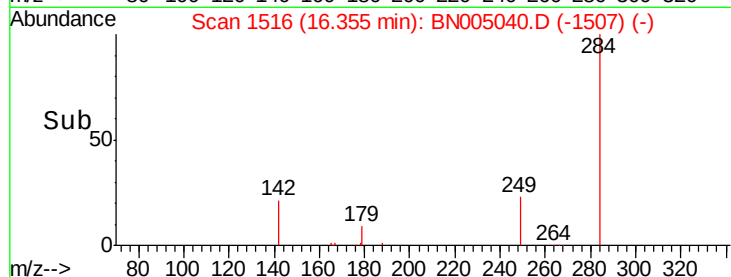
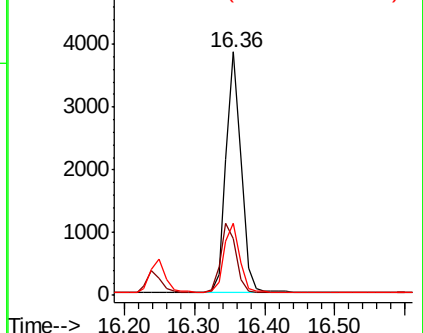
249 29.3 23.8 35.6



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: 0.360 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

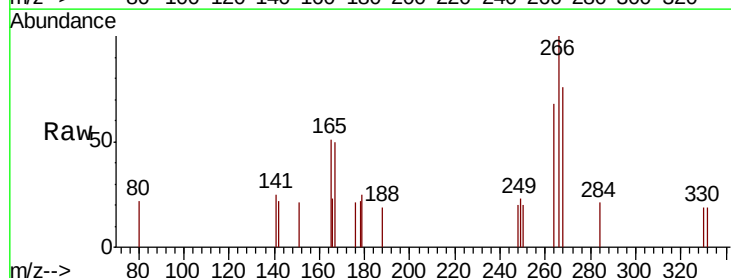
Tgt Ion:266 Resp: 730

Ion Ratio Lower Upper

266 100

264 67.6 53.4 80.0

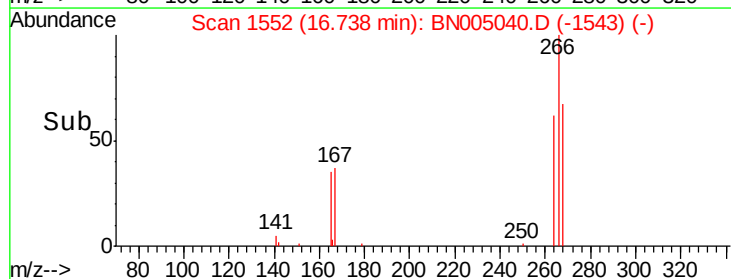
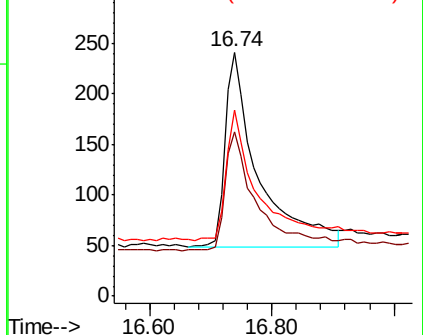
268 76.3 58.9 88.3

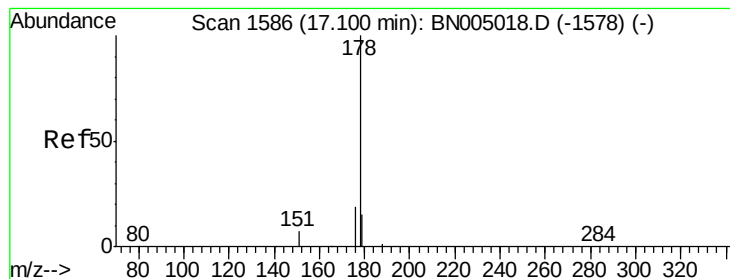


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.431 ng

RT: 17.10 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampleId :

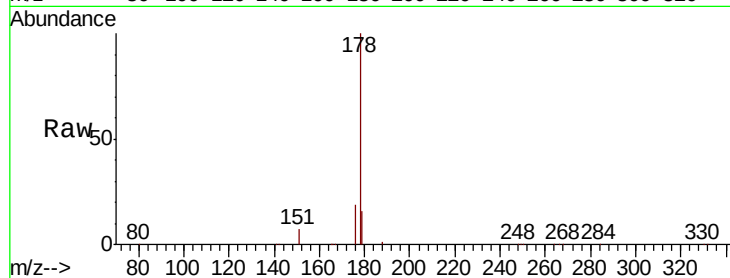
Tot Ion:178 Resp: 24932

Ion Ratio Lower Upper

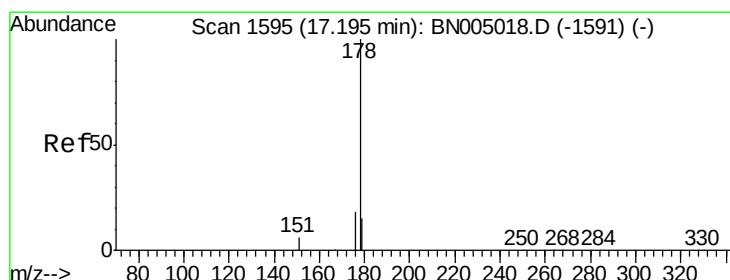
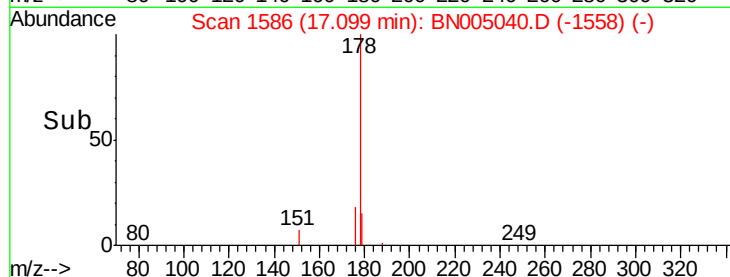
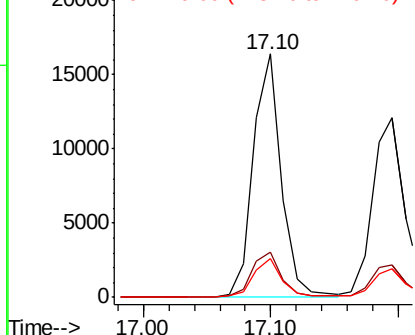
178 100

176 18.8 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: 0.418 ng

RT: 17.20 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

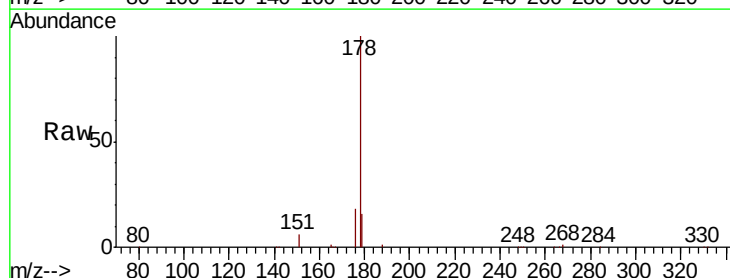
Tgt Ion:178 Resp: 21585

Ion Ratio Lower Upper

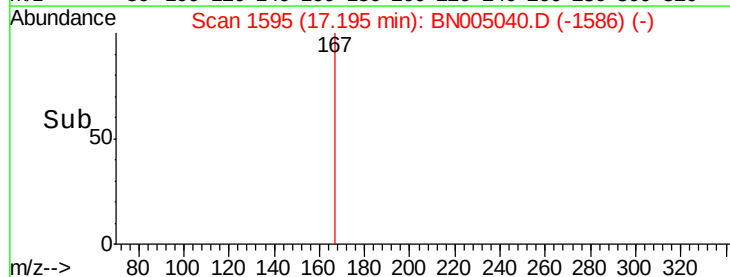
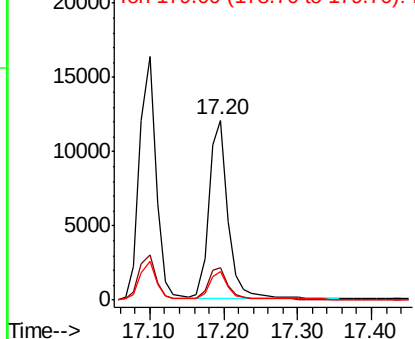
178 100

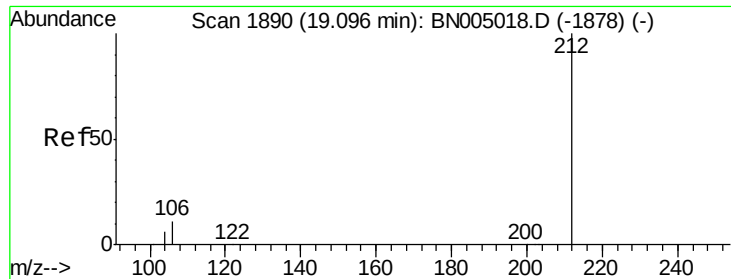
176 18.1 14.6 22.0

179 15.5 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

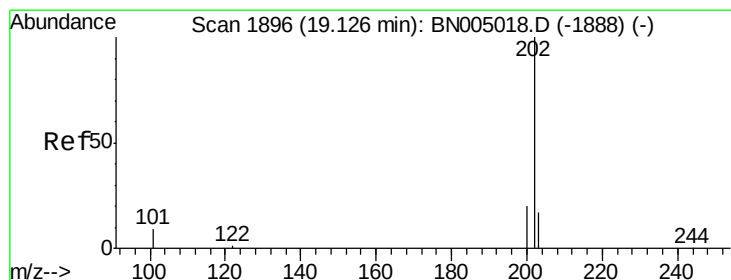
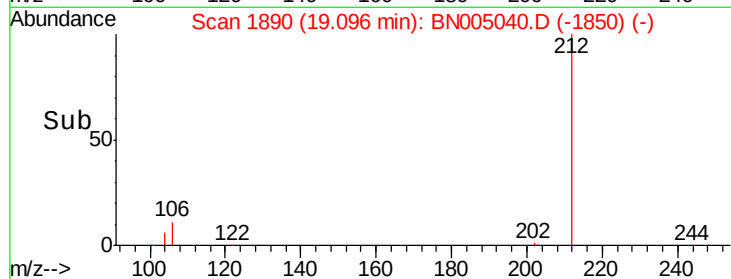
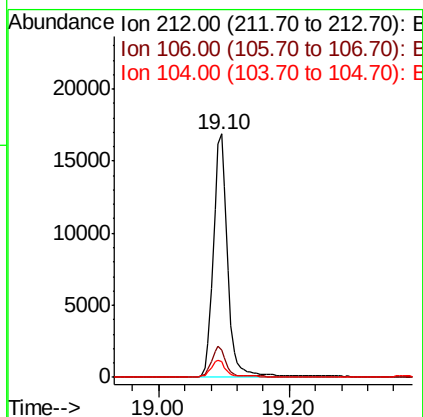
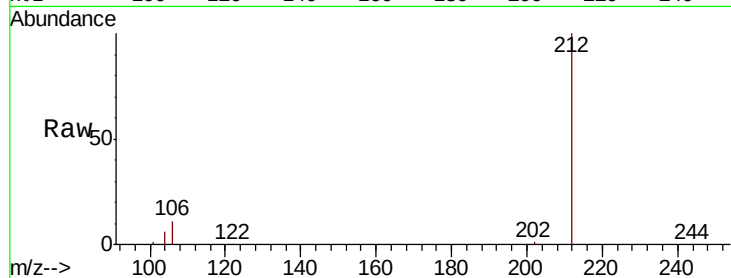




#25
 Fluoranthene-d10
 Concen: 0.427 ng
 RT: 19.10 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BN005040.D
 Acq: 01 Apr 2019 09:58

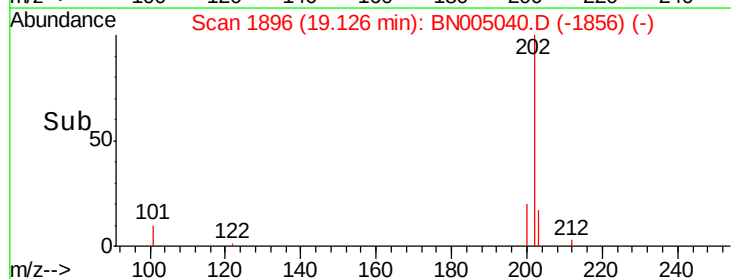
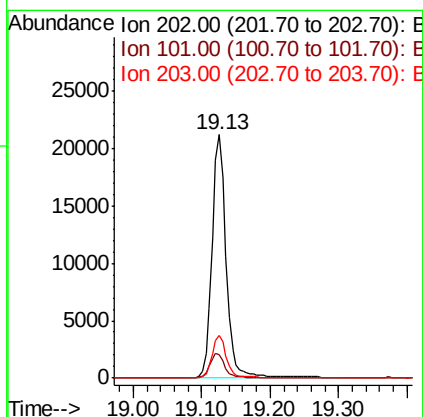
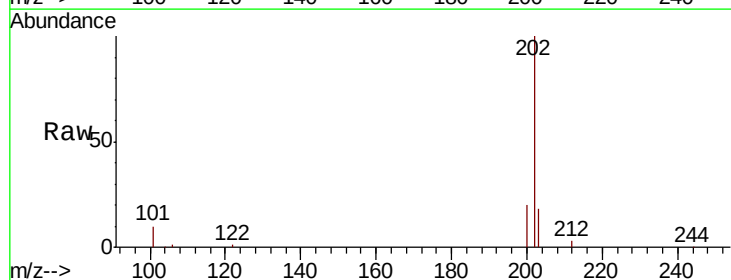
Instrument :
 BNA_N
 ClientSampleId :

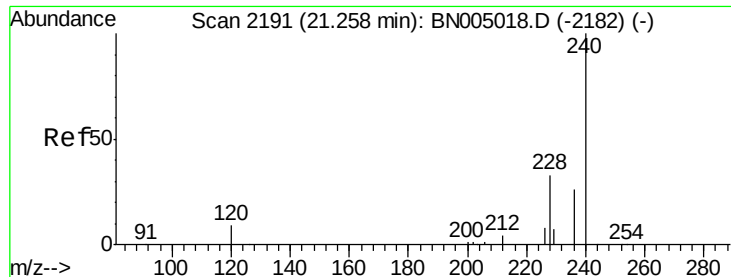
Tot Ion:212 Resp: 25206
 Ion Ratio Lower Upper
 212 100
 106 12.1 9.4 14.2
 104 6.7 5.4 8.0



#26
 Fluoranthene
 Concen: 0.426 ng
 RT: 19.13 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BN005040.D
 Acq: 01 Apr 2019 09:58

Tgt Ion:202 Resp: 30235
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.2 12.2
 203 17.2 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampleId :

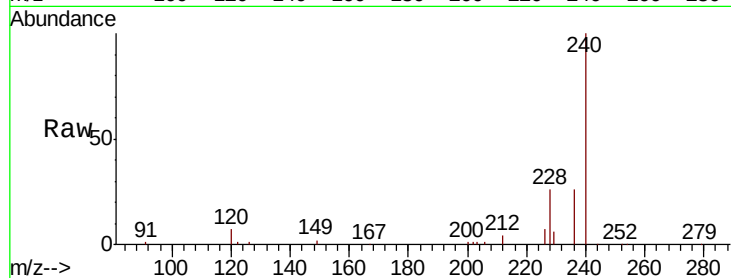
Tot Ion:240 Resp: 25075

Ion Ratio Lower Upper

240 100

120 7.4 7.4 11.0

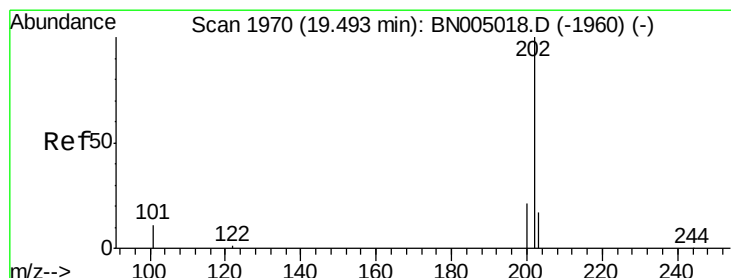
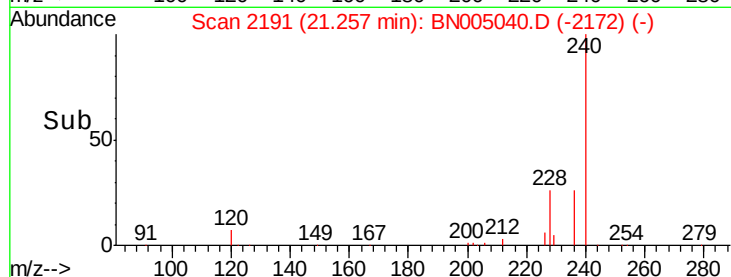
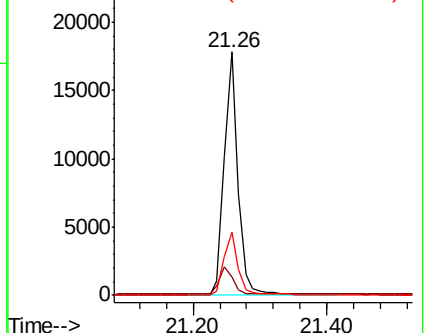
236 25.7 21.0 31.6



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: 0.433 ng

RT: 19.49 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

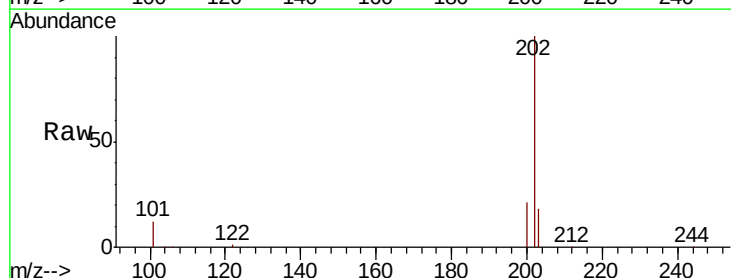
Tgt Ion:202 Resp: 30819

Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

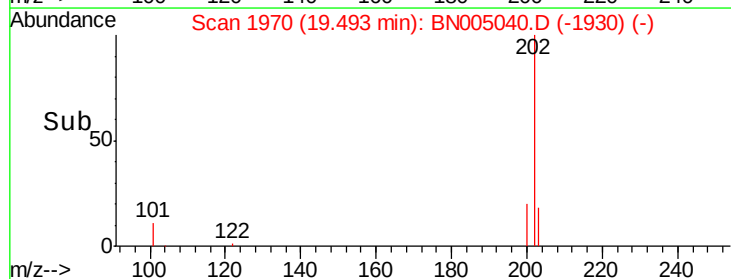
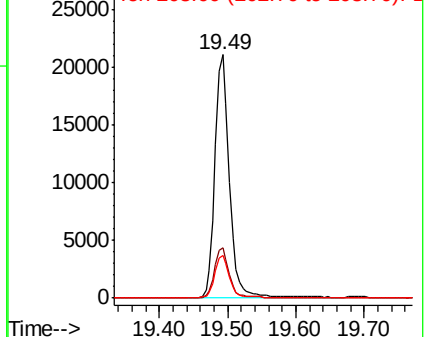
203 17.5 13.9 20.9

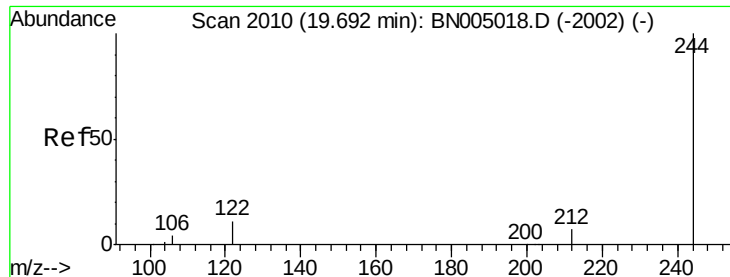


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.408 ng

RT: 19.69 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampleId :

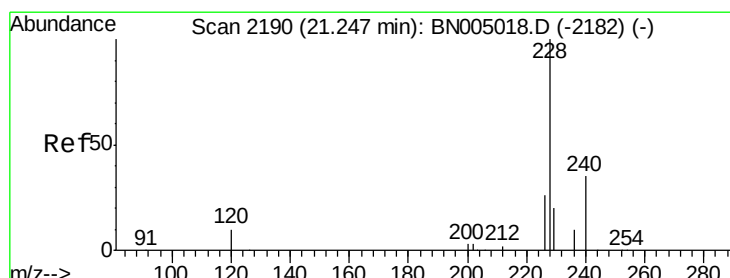
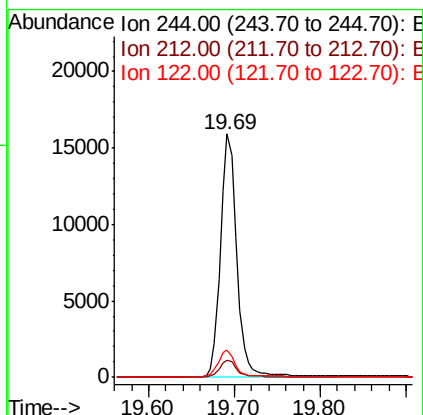
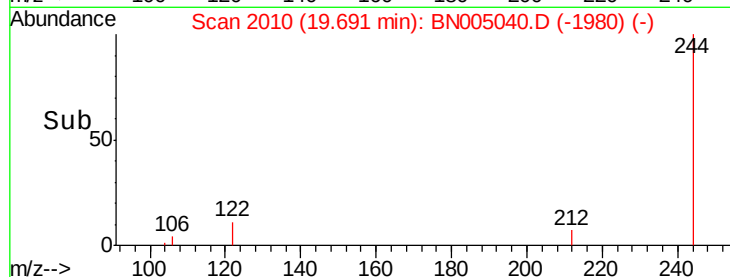
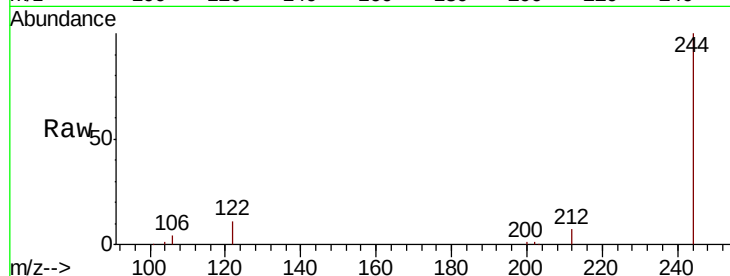
Tot Ion:244 Resp: 21004

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.0 9.0 13.4



#30

Benzo(a)anthracene

Concen: 0.418 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

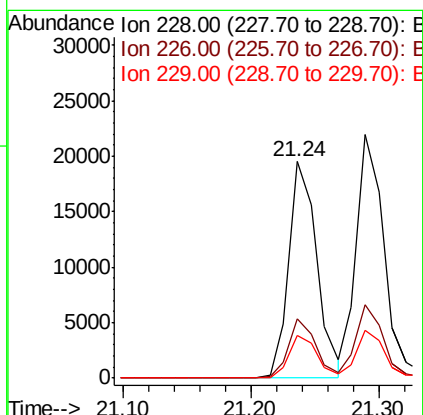
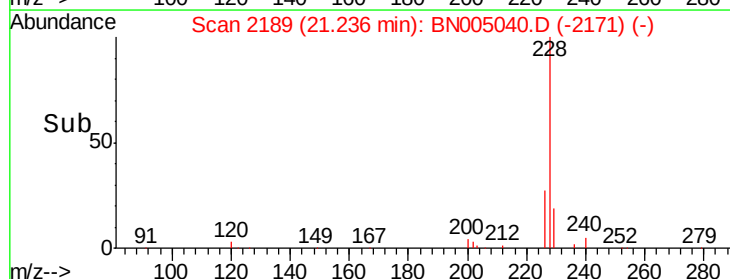
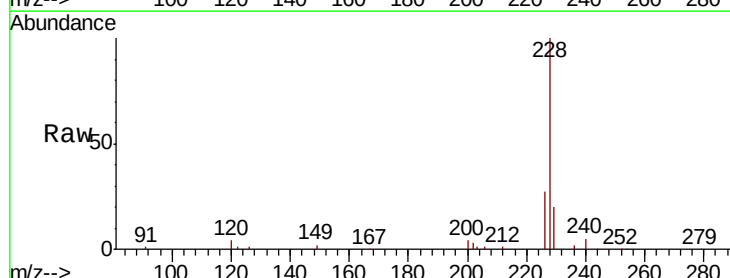
Tgt Ion:228 Resp: 29567

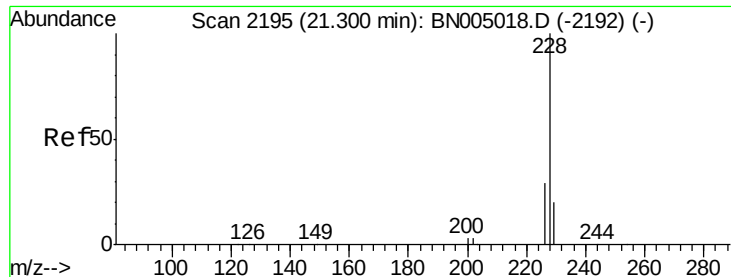
Ion Ratio Lower Upper

228 100

226 27.1 20.9 31.3

229 19.5 16.2 24.2





#31

Chrysene

Concen: 0.429 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

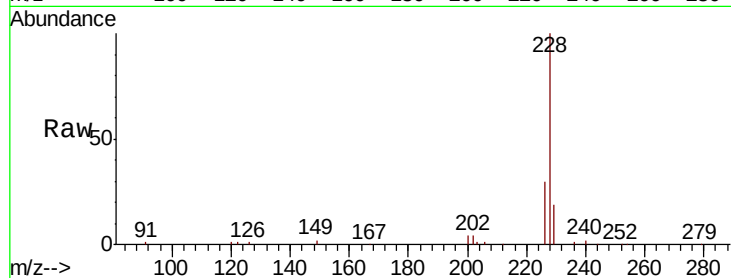
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 32697

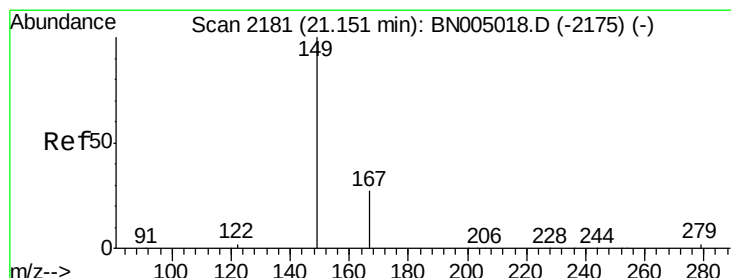
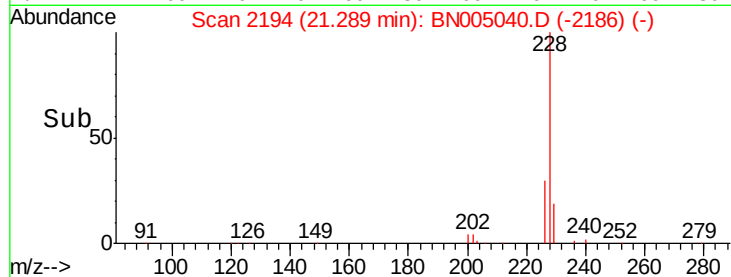
Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.8	34.2
229	19.5	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.371 ng

RT: 21.15 min Scan# 2181

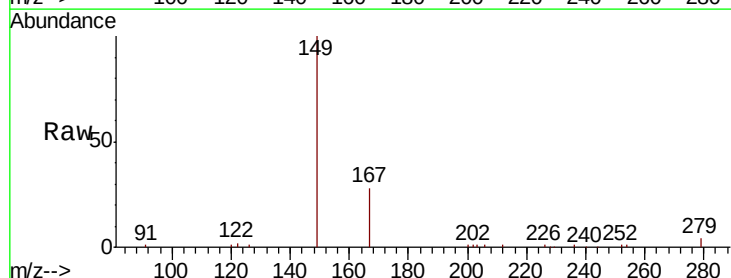
Delta R.T. -0.00 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

Tgt Ion:149 Resp: 10977

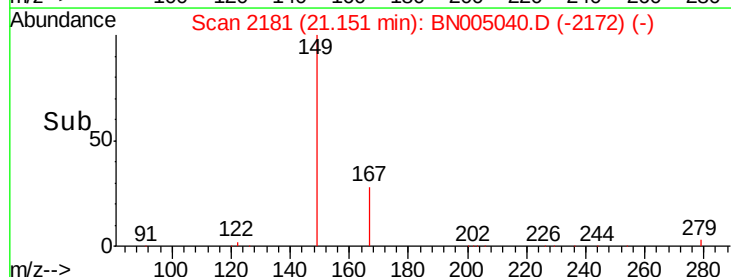
Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	5.4	4.2	6.4

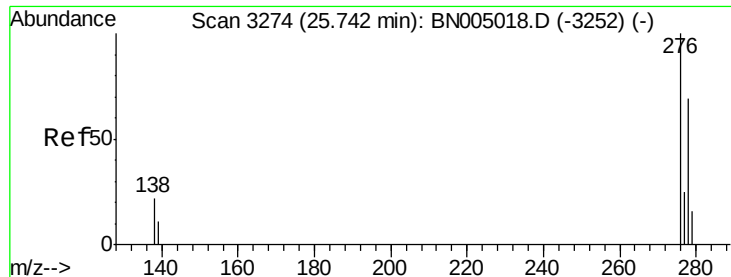


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

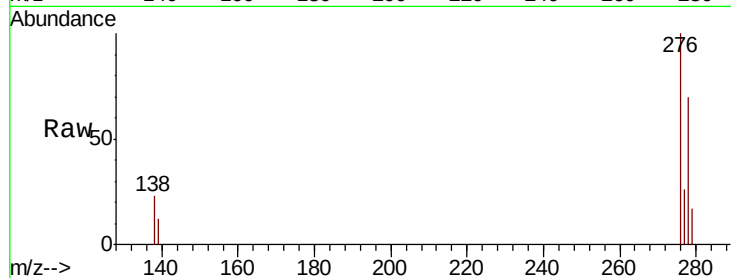




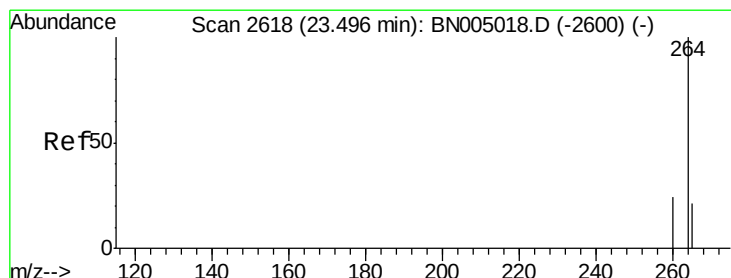
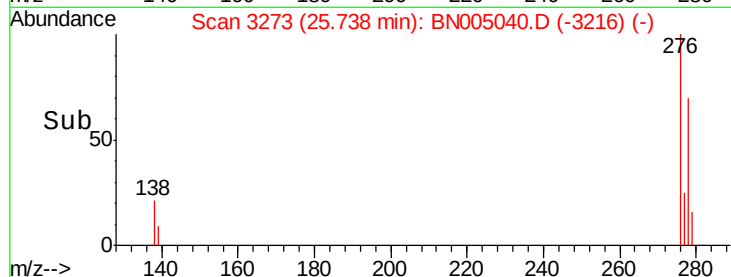
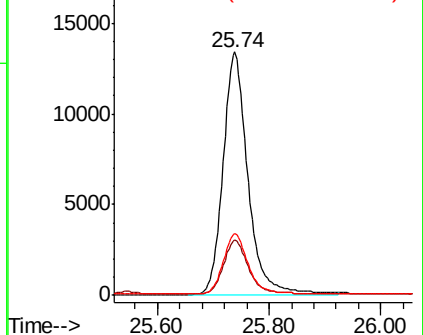
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.478 ng
RT: 25.74 min Scan# 3273
Delta R.T. -0.00 min
Lab File: BN005040.D
Acq: 01 Apr 2019 09:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 40947
Ion Ratio Lower Upper
276 100
138 22.6 18.2 27.2
277 25.3 20.3 30.5

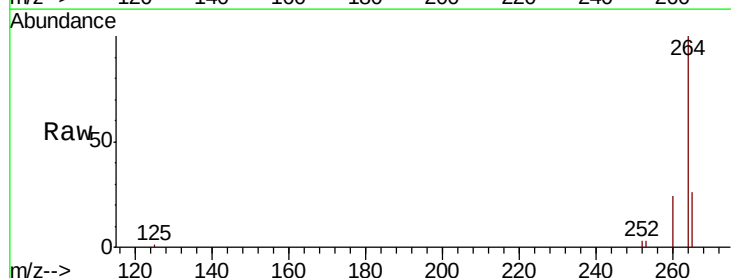


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

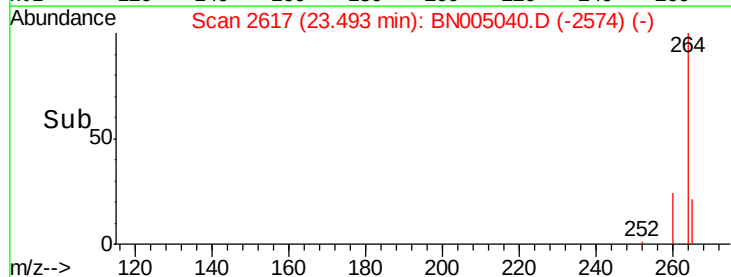
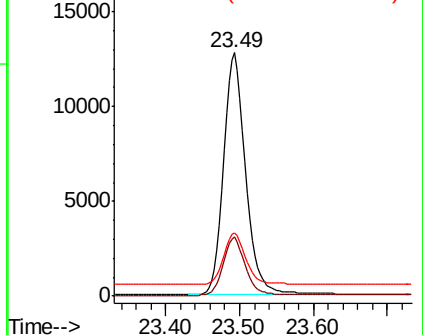


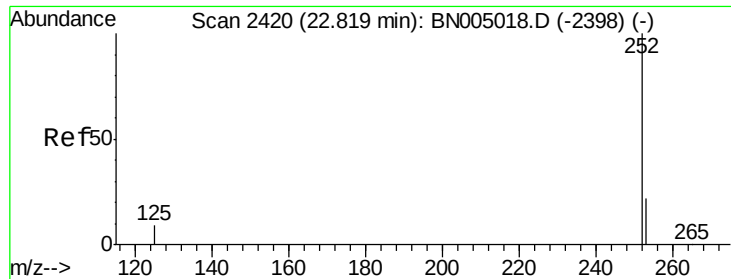
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BN005040.D
Acq: 01 Apr 2019 09:58

Tgt Ion:264 Resp: 26390
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.0
265 25.9 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

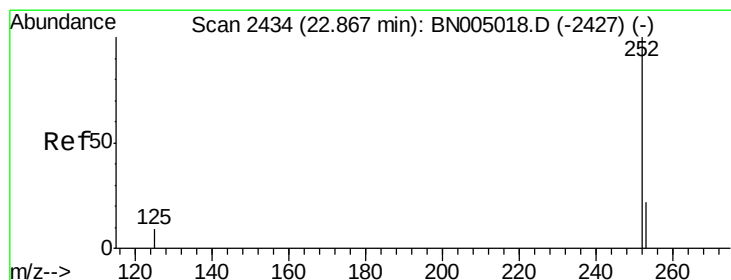
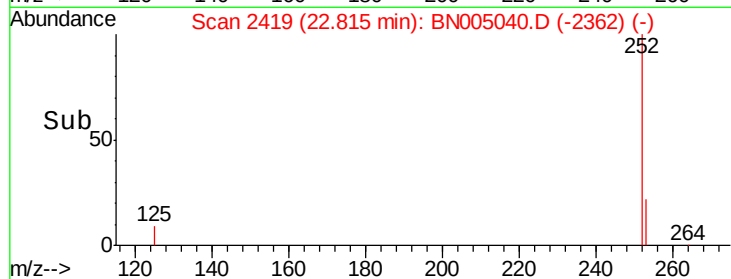
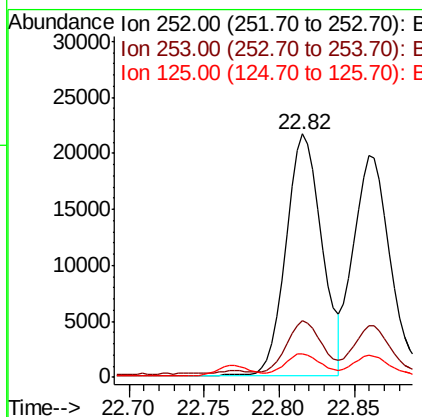
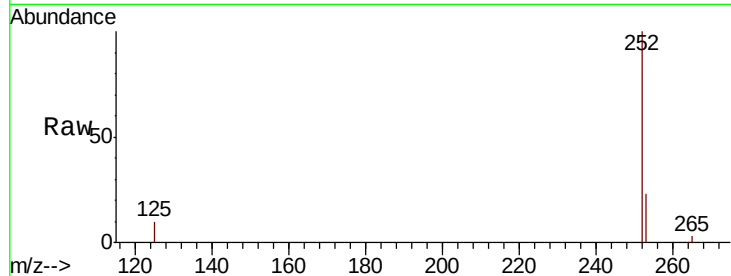




#35
Benzo(b)fluoranthene
Concen: 0.427 ng
RT: 22.82 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BN005040.D
Acq: 01 Apr 2019 09:58

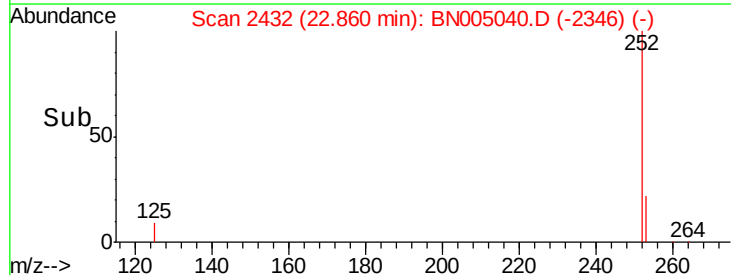
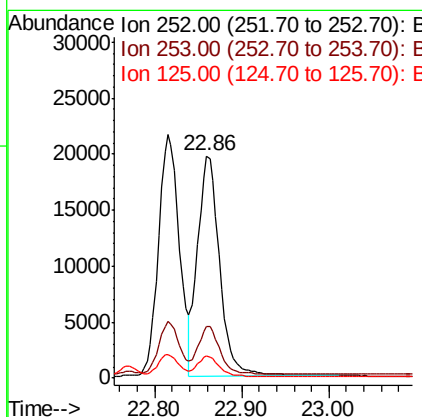
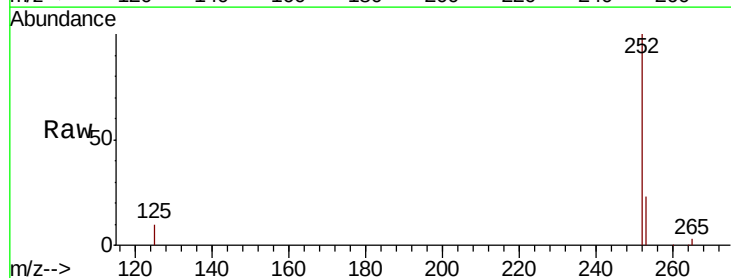
Instrument :
BNA_N
ClientSampleId :

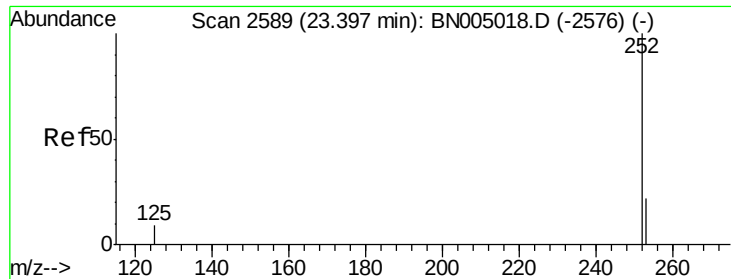
Tot Ion:252 Resp: 36127
Ion Ratio Lower Upper
252 100
253 23.1 19.2 28.8
125 9.8 8.2 12.2



#36
Benzo(k)fluoranthene
Concen: 0.423 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BN005040.D
Acq: 01 Apr 2019 09:58

Tgt Ion:252 Resp: 34607
Ion Ratio Lower Upper
252 100
253 23.2 19.3 28.9
125 9.9 8.2 12.2





#37

Benzo(a)pyrene

Concen: 0.425 ng

RT: 23.39 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampleId :

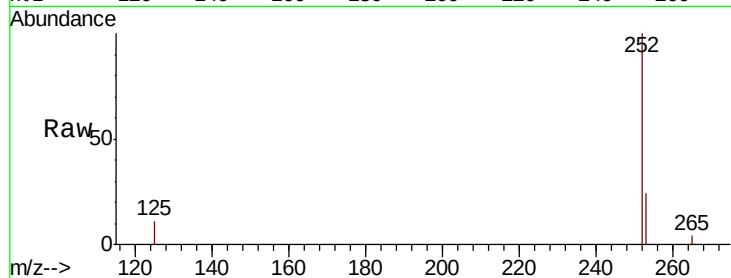
Tot Ion:252 Resp: 31975

Ion Ratio Lower Upper

252 100

253 23.9 20.2 30.2

125 11.1 9.2 13.8

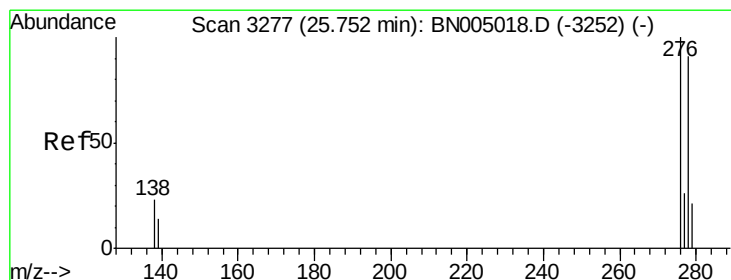
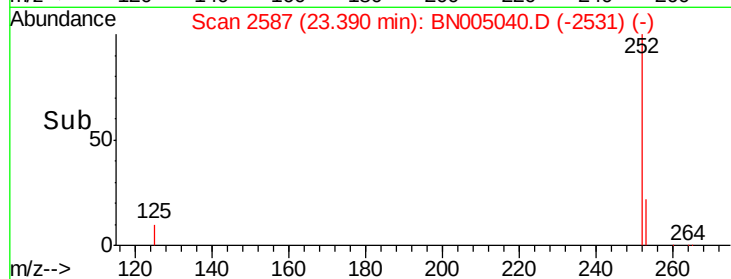
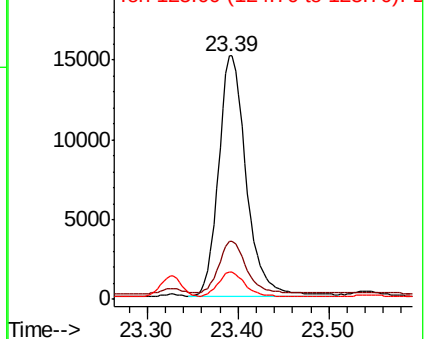


Abundance

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: 0.440 ng

RT: 25.75 min Scan# 3275

Delta R.T. -0.01 min

Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

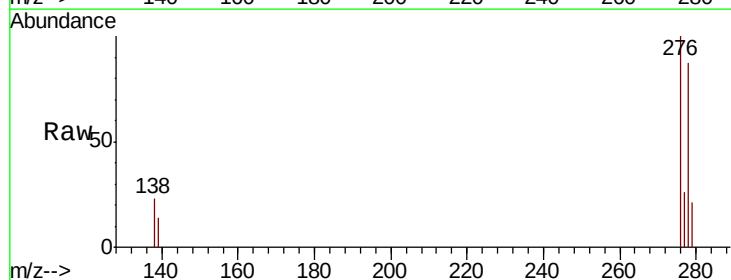
Tgt Ion:278 Resp: 33090

Ion Ratio Lower Upper

278 100

139 16.1 13.1 19.7

279 24.3 20.2 30.2

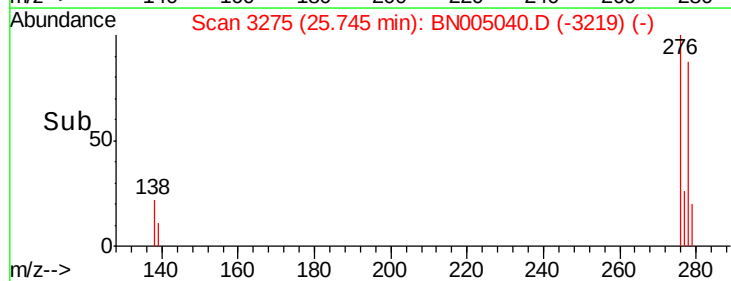
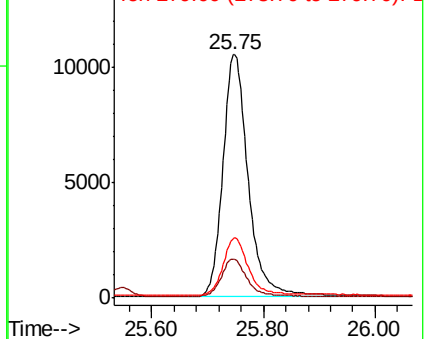


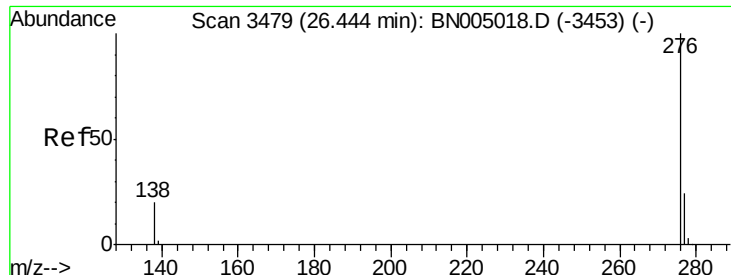
Abundance

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: 0.452 ng

RT: 26.44 min Scan# 3477

Delta R.T. -0.01 min

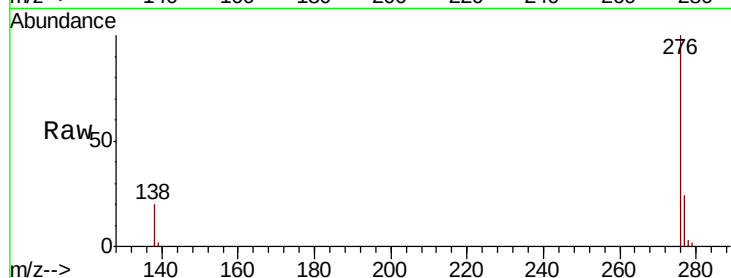
Lab File: BN005040.D

Acq: 01 Apr 2019 09:58

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 34268

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.6

138 19.8 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

