

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007617.D
 Acq On : 13 Sep 2019 09:16
 Operator : HP/JU
 Sample : PB122692BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Quant Time: Sep 14 01:59:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	8310	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	32560	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	16881	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	38977	0.40	ng	0.00
27) Chrysene-d12	21.27	240	44197	0.40	ng	-0.01
34) Perylene-d12	23.50	264	40550	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	7964	0.30	ng	0.00
5) Phenol-d6	6.89	99	10247	0.32	ng	0.00
8) Nitrobenzene-d5	8.86	82	8781	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	18897	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1861	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	26947	0.37	ng	0.00
25) Fluoranthene-d10	19.11	212	41681	0.34	ng	0.00
29) Terphenyl-d14	19.72	244	34420	0.30	ng	0.00

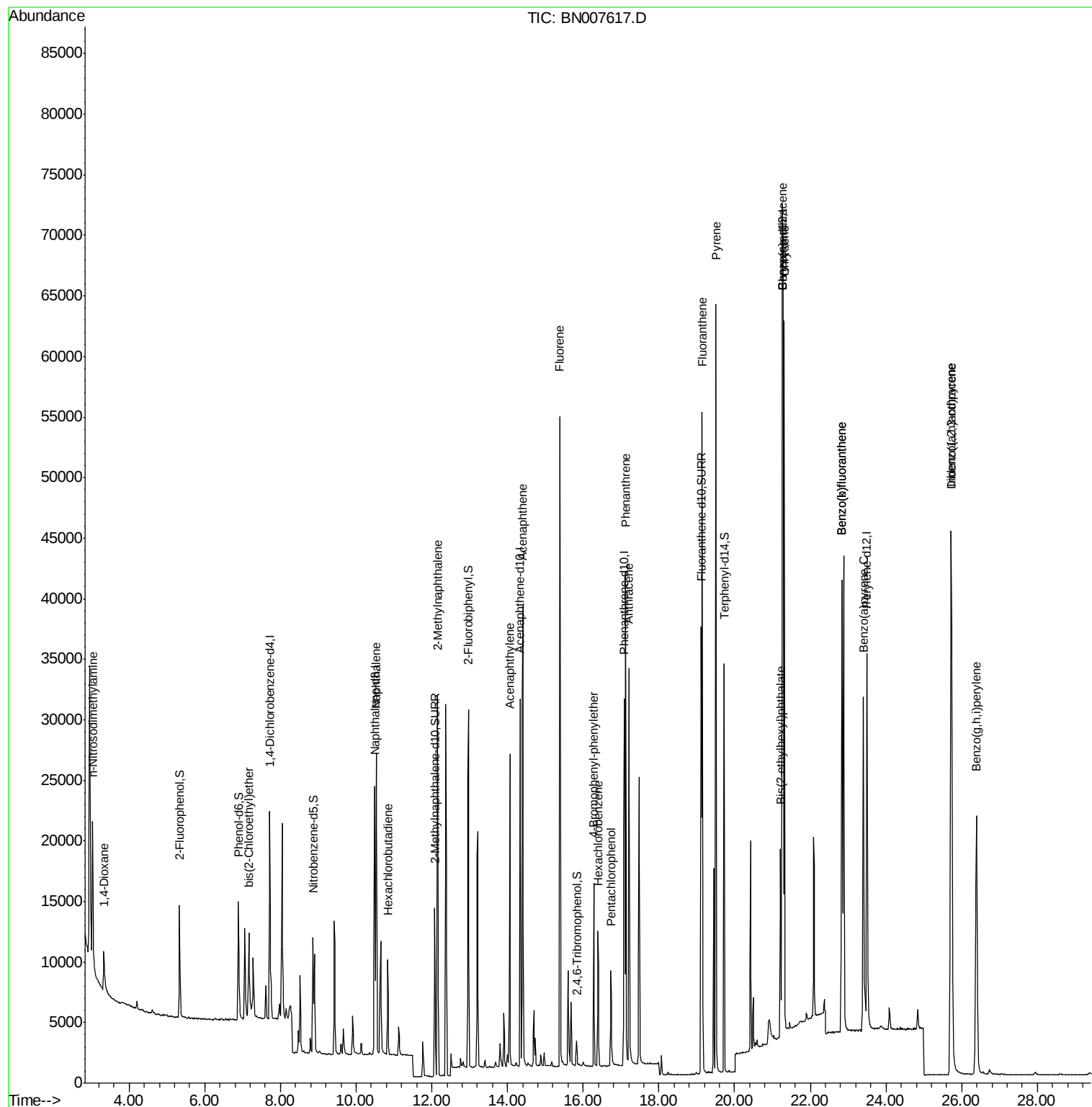
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	3187	0.320	ng	98
3) n-Nitrosodimethylamine	3.03	42	1609	0.356	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	7666	0.314	ng	96
9) Naphthalene	10.53	128	32655	0.350	ng	99
10) Hexachlorobutadiene	10.84	225	6308	0.335	ng	# 99
12) 2-Methylnaphthalene	12.15	142	21675	0.346	ng	100
16) Acenaphthylene	14.06	152	29459	0.335	ng	100
17) Acenaphthene	14.40	154	19807	0.346	ng	99
18) Fluorene	15.38	166	25298	0.350	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	7904	0.328	ng	91
21) Hexachlorobenzene	16.39	284	8478	0.329	ng	99
22) Pentachlorophenol	16.73	266	4190	0.626	ng	95
23) Phenanthrene	17.12	178	42158	0.343	ng	100
24) Anthracene	17.21	178	34995	0.321	ng	100
26) Fluoranthene	19.14	202	48350	0.337	ng	100
28) Pyrene	19.51	202	54383	0.339	ng	100
30) Benzo(a)anthracene	21.26	228	46605	0.297	ng	99
31) Chrysene	21.31	228	51502	0.316	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	14511	0.273	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.72	276	54586	0.313	ng	99
35) Benzo(b)fluoranthene	22.83	252	46743	0.317	ng	98
36) Benzo(k)fluoranthene	22.83	252	46732	0.310	ng	100
37) Benzo(a)pyrene	23.40	252	40500	0.310	ng	97
38) Dibenzo(a,h)anthracene	25.73	278	44904	0.328	ng	100
39) Benzo(g,h,i)perylene	26.39	276	44200	0.326	ng	99

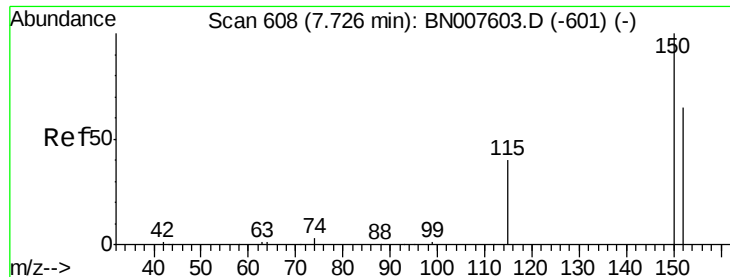
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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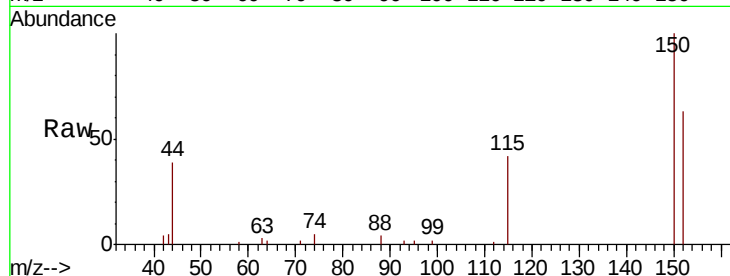


#1

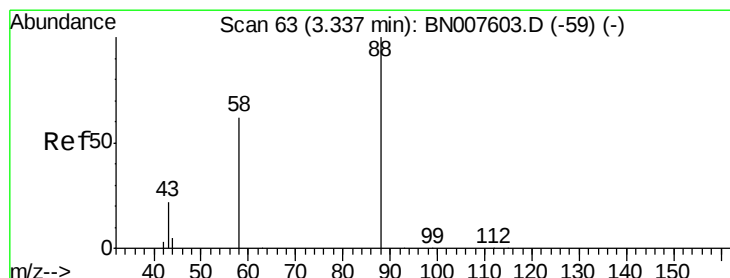
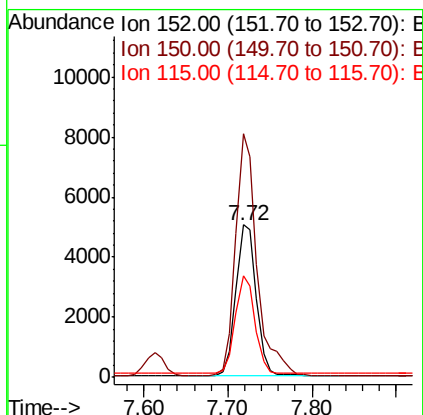
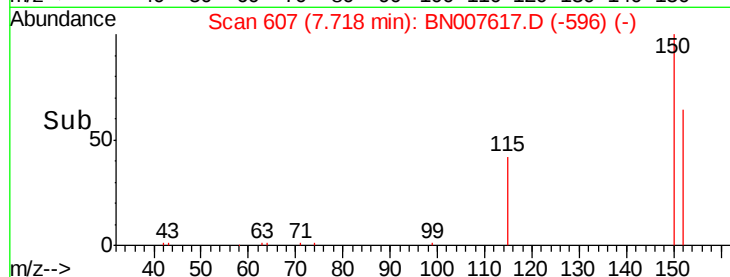
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion:152 Resp: 8310
Ion Ratio Lower Upper
152 100
150 159.6 122.4 183.6
115 66.8 50.4 75.6



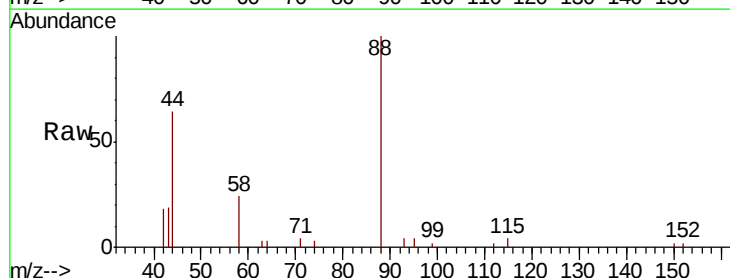
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



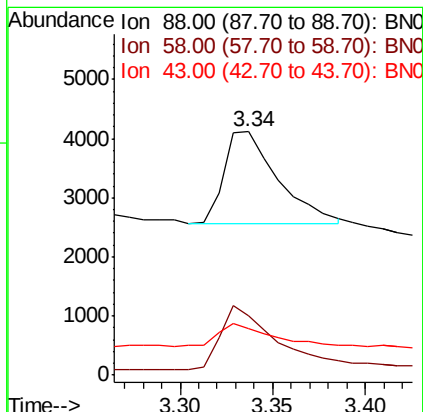
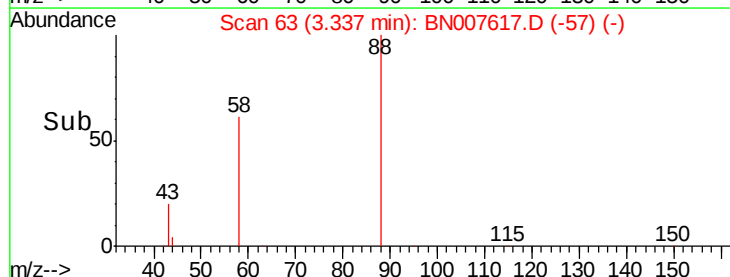
#2

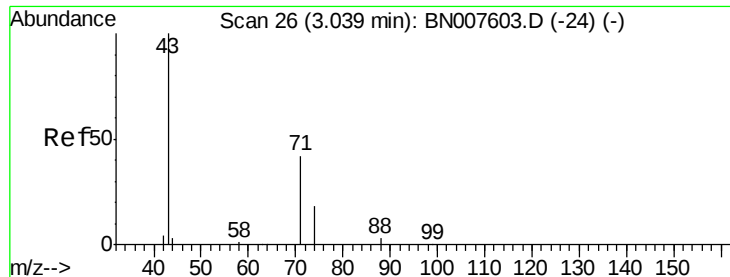
1,4-Dioxane
Concen: 0.320 ng
RT: 3.34 min Scan# 63
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Tgt Ion: 88 Resp: 3187
Ion Ratio Lower Upper
88 100
58 70.8 57.0 85.4
43 22.6 20.0 30.0



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: 0.356 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

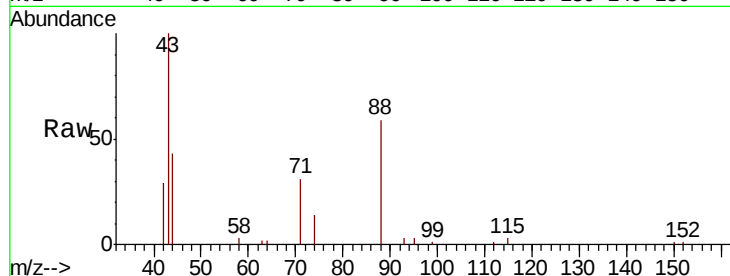
Tot Ion: 42 Resp: 1609

Ion Ratio Lower Upper

42 100

74 108.8 9.8 14.8#

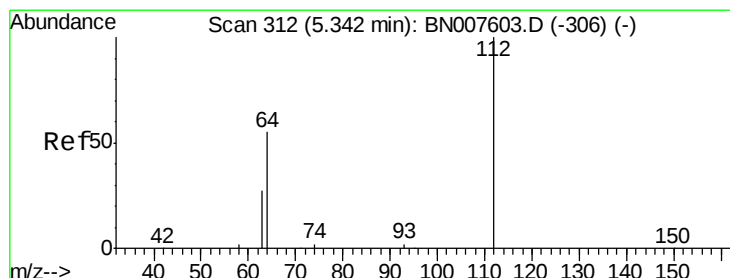
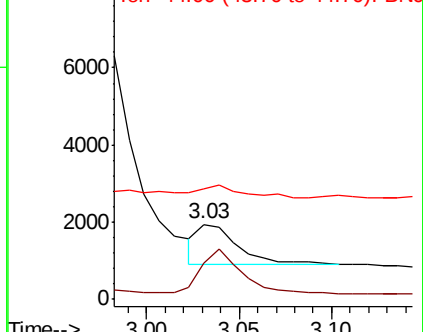
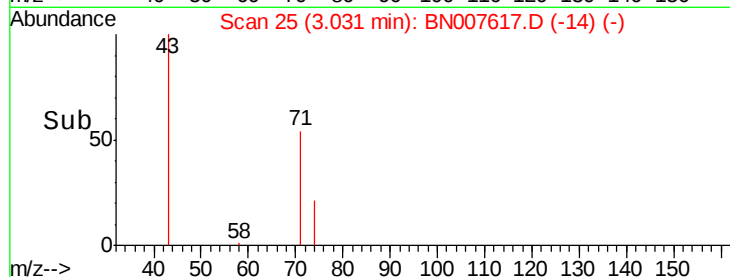
44 37.6 0.0 0.0#



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: 0.299 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

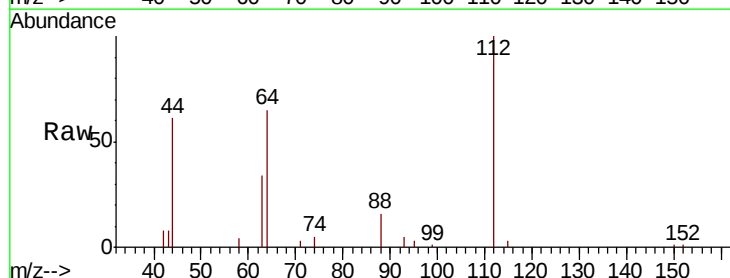
Tgt Ion: 112 Resp: 7964

Ion Ratio Lower Upper

112 100

64 61.2 48.5 72.7

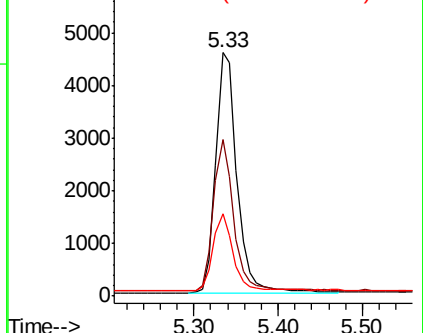
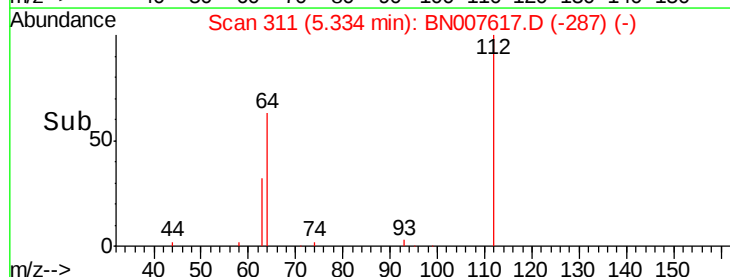
63 29.9 24.4 36.6

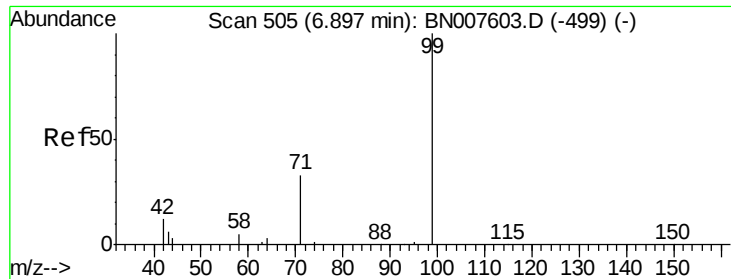


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.317 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

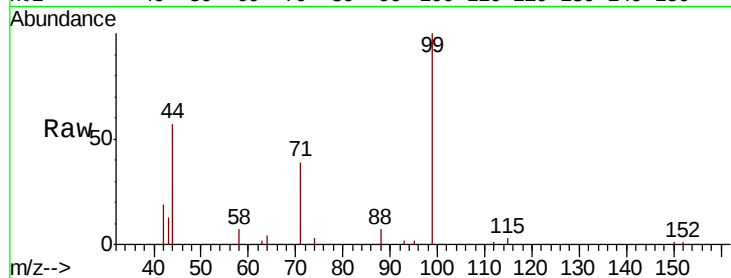
Tot Ion: 99 Resp: 10247

Ion Ratio Lower Upper

99 100

42 15.1 11.8 17.6

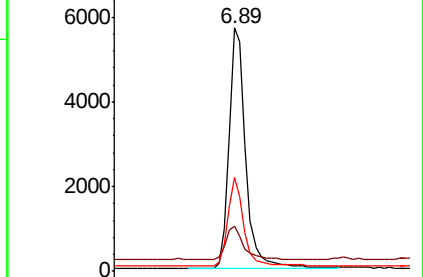
71 35.3 28.0 42.0



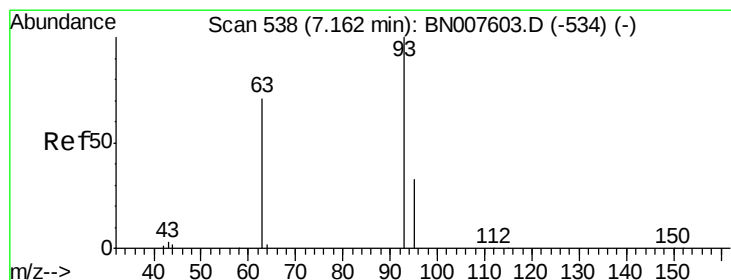
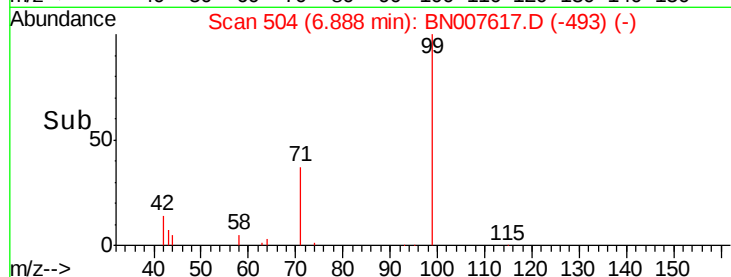
Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007603.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007603.D (-499) (-)



Time--> 6.70 6.80 6.90 7.00 7.10



#6

bis(2-Chloroethyl)ether

Concen: 0.314 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

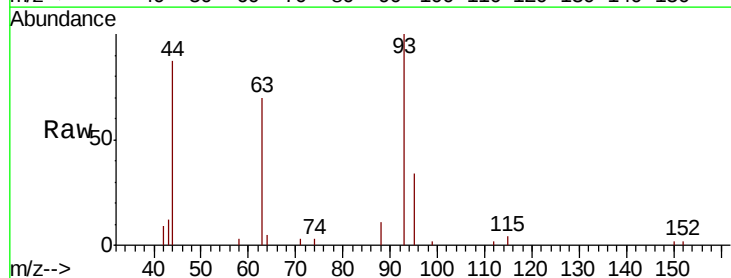
Tgt Ion: 93 Resp: 7666

Ion Ratio Lower Upper

93 100

63 78.4 61.2 91.8

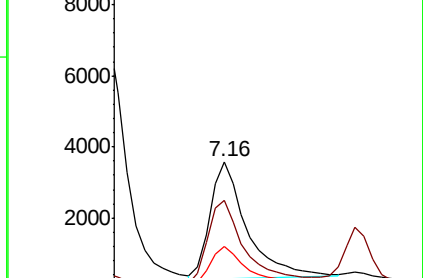
95 38.7 27.2 40.8



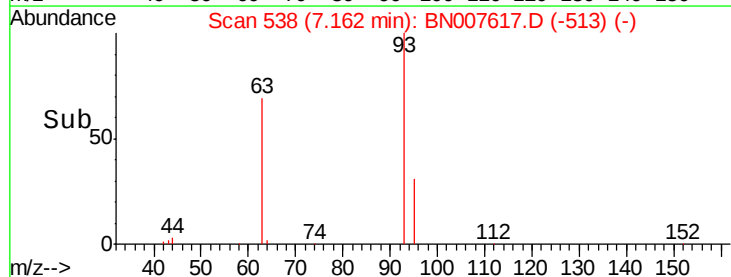
Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

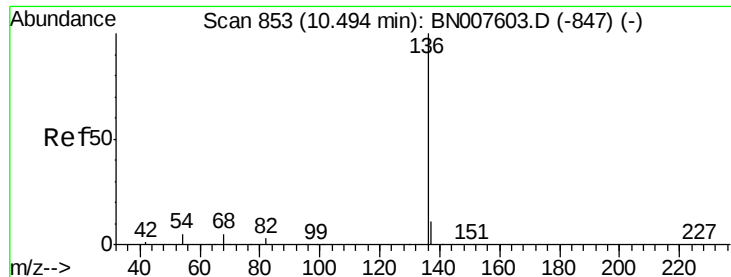
Ion 63.00 (62.70 to 63.70): BN007603.D (-534) (-)

Ion 95.00 (94.70 to 95.70): BN007603.D (-534) (-)



Time--> 7.10 7.20 7.30





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

Tot Ion:136 Resp: 32560

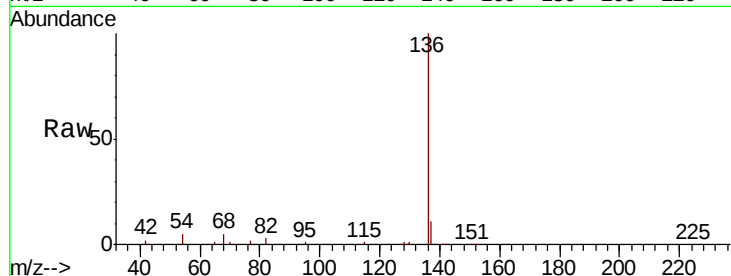
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 4.5 4.2 6.4

68 5.1 4.6 7.0

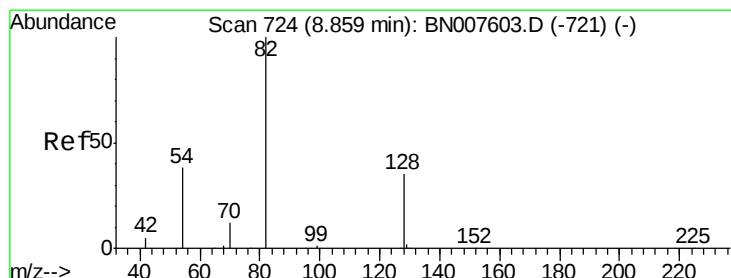
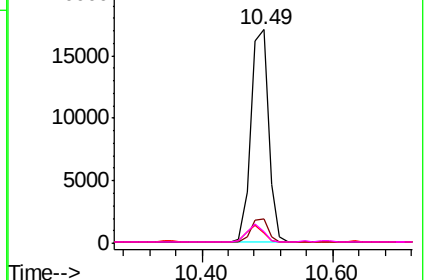
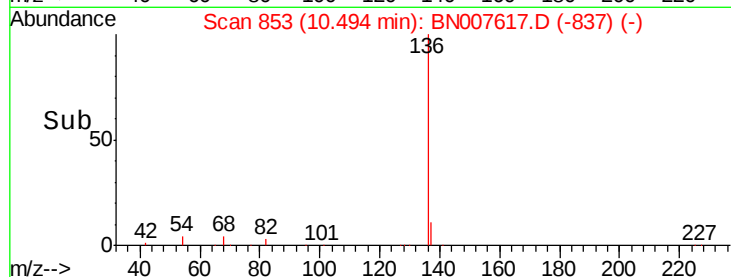


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.338 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

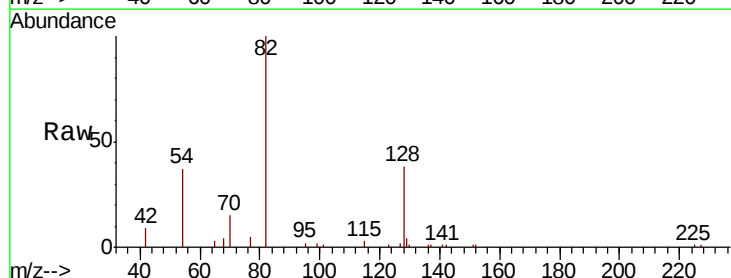
Tgt Ion: 82 Resp: 8781

Ion Ratio Lower Upper

82 100

128 38.0 27.9 41.9

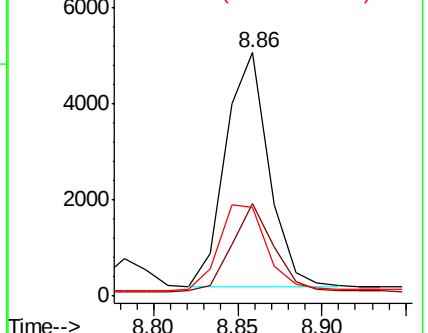
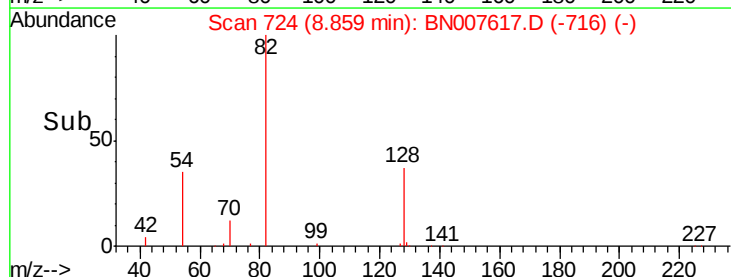
54 36.6 30.9 46.3

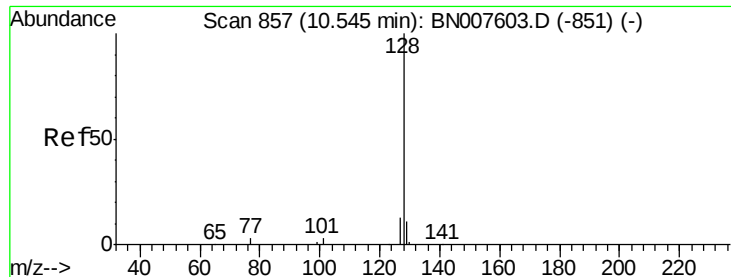


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.350 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

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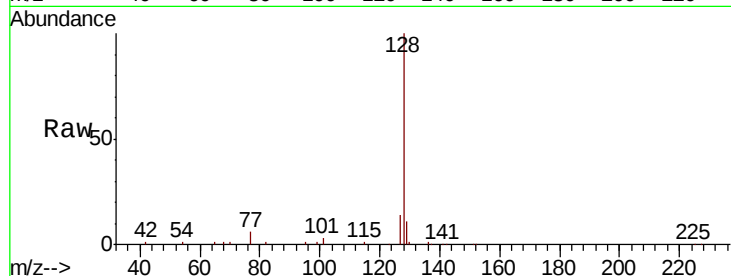
Tot Ion:128 Resp: 32655

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

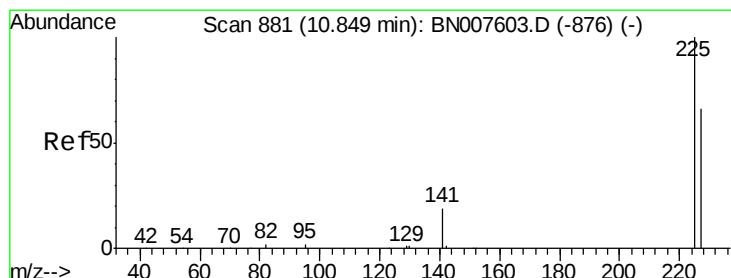
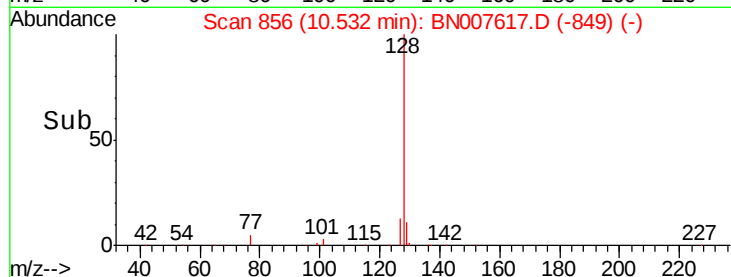
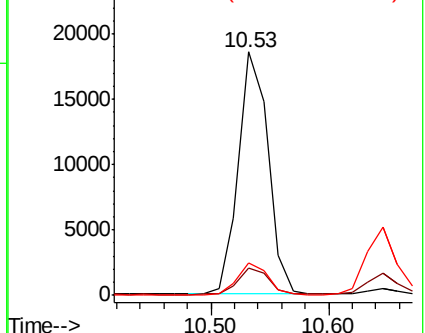
127 13.6 10.4 15.6



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: 0.335 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

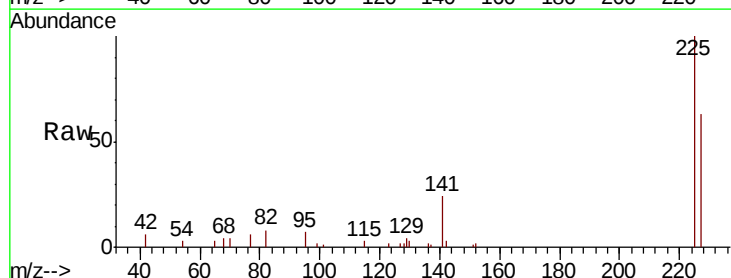
Tgt Ion:225 Resp: 6308

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

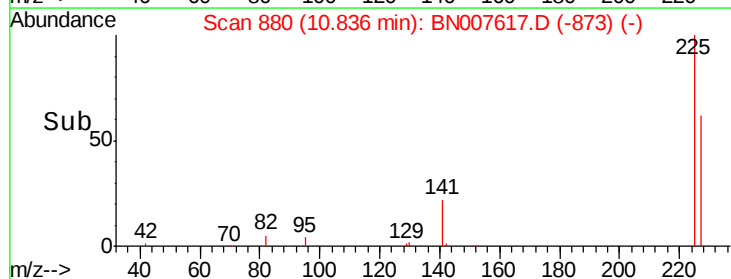
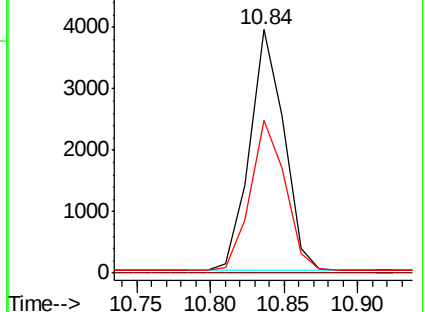
227 63.5 51.3 76.9

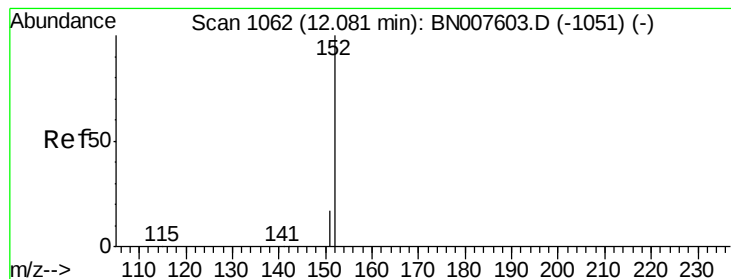


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.343 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

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ClientSampleId :

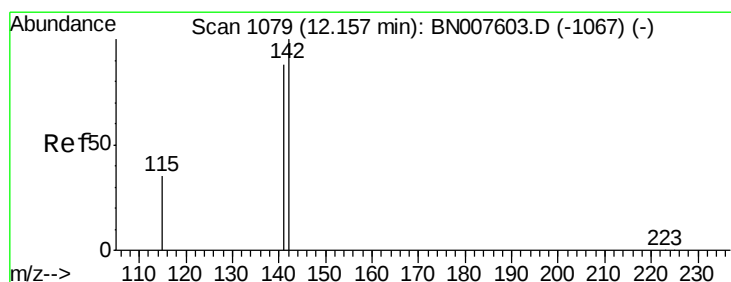
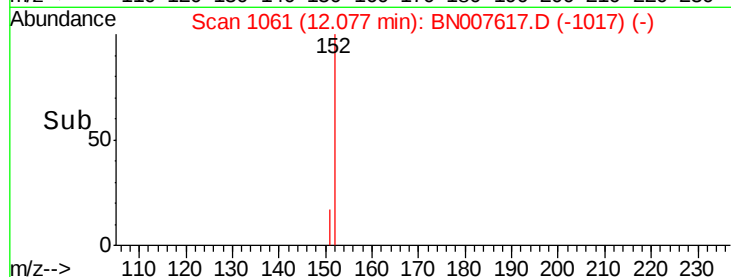
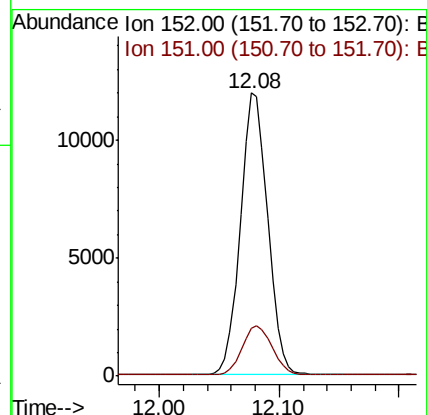
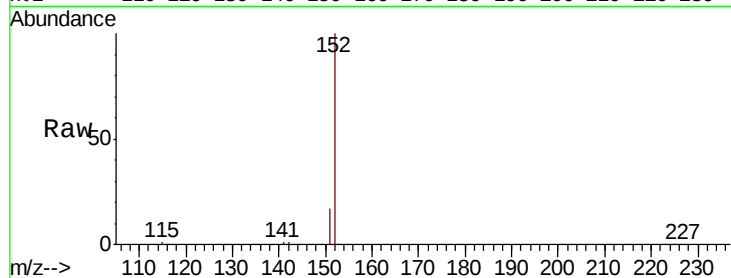
PB122692BSD

Tot Ion:152 Resp: 18897

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9



#12

2-Methylnaphthalene

Concen: 0.346 ng

RT: 12.15 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

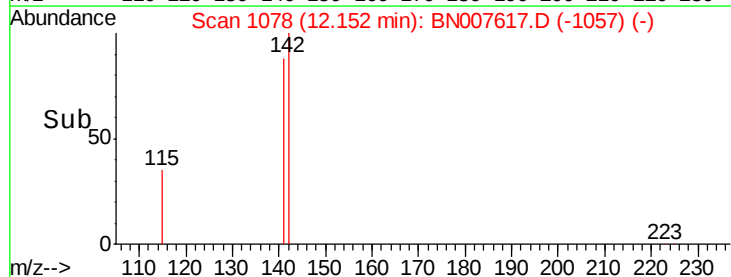
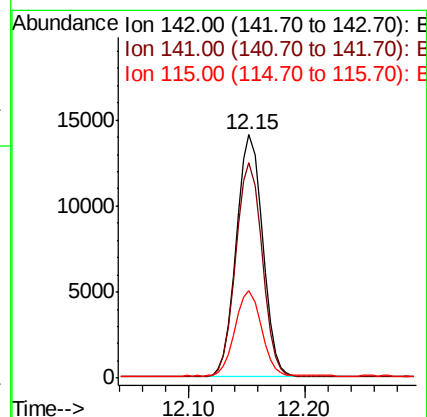
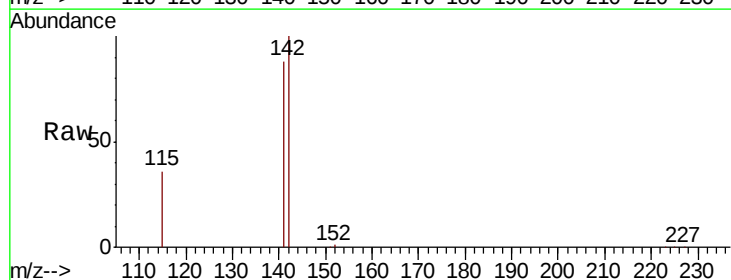
Tgt Ion:142 Resp: 21675

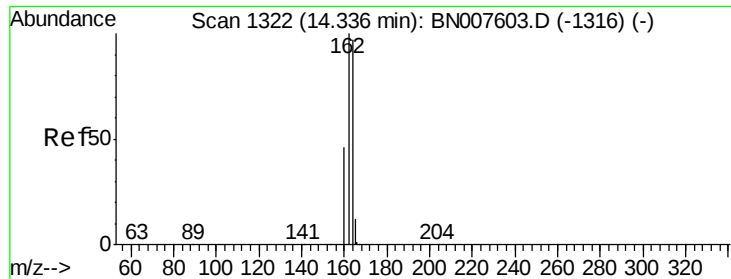
Ion Ratio Lower Upper

142 100

141 88.3 70.5 105.7

115 35.9 28.4 42.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

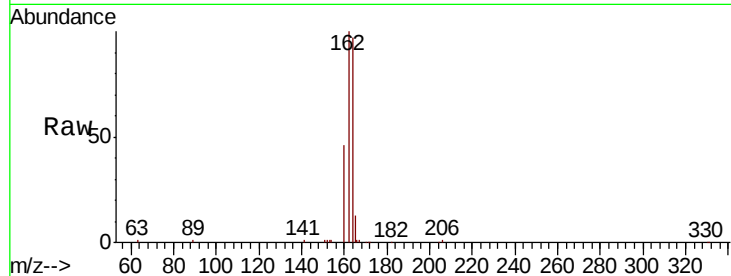
Tot Ion:164 Resp: 16881

Ion Ratio Lower Upper

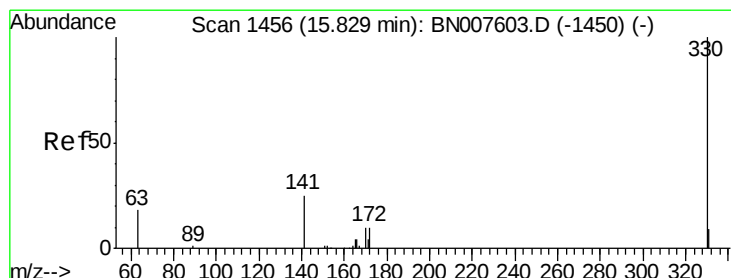
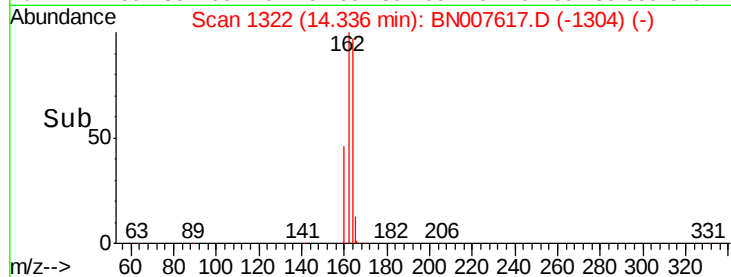
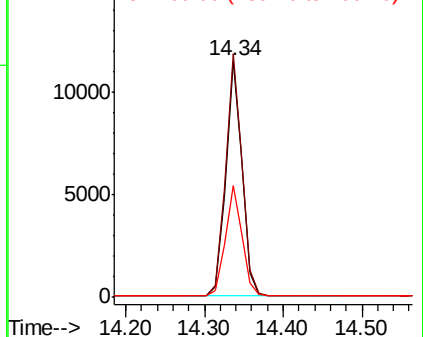
164 100

162 103.2 82.8 124.2

160 47.6 38.0 57.0



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: 0.292 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

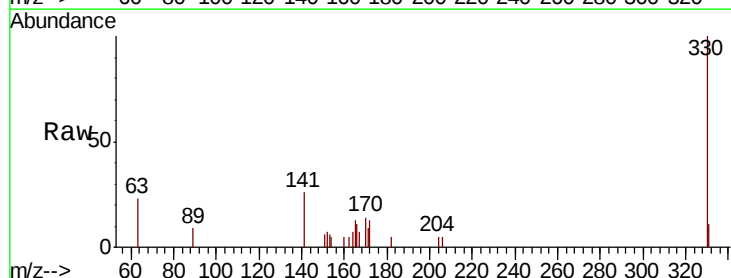
Tgt Ion:330 Resp: 1861

Ion Ratio Lower Upper

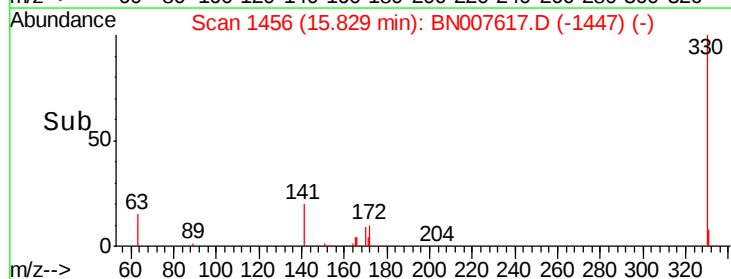
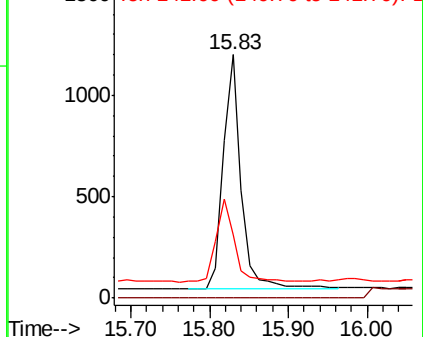
330 100

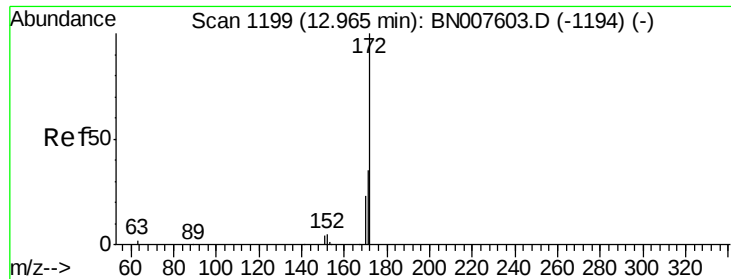
332 0.0 0.0 0.0

141 36.7 30.1 45.1



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

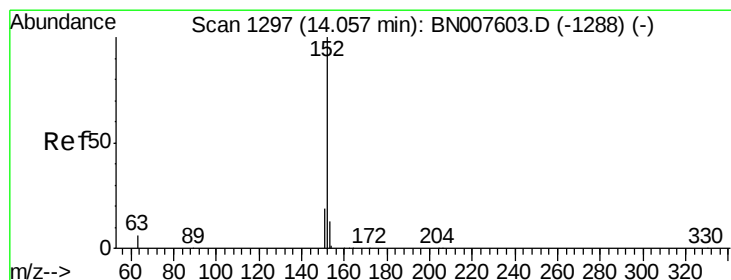
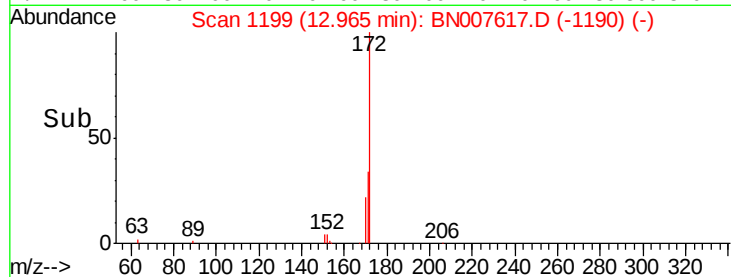
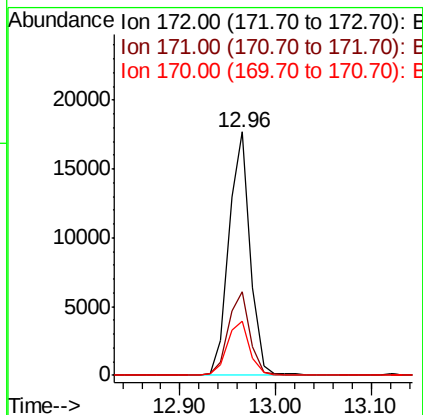
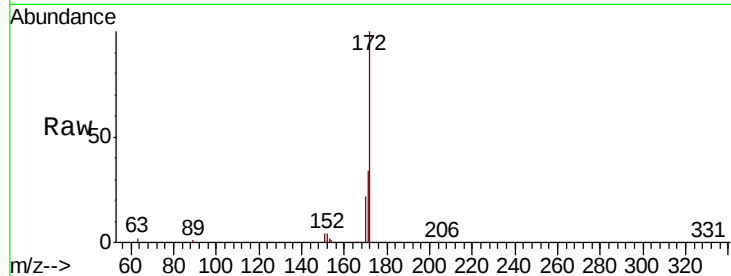




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

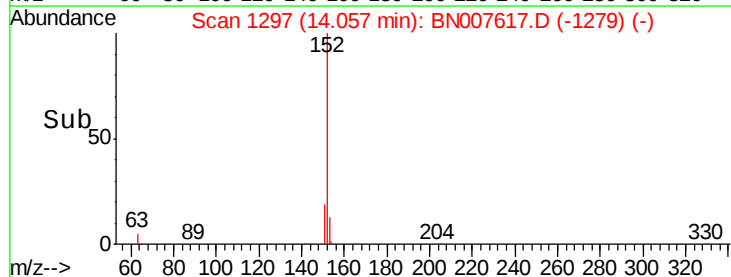
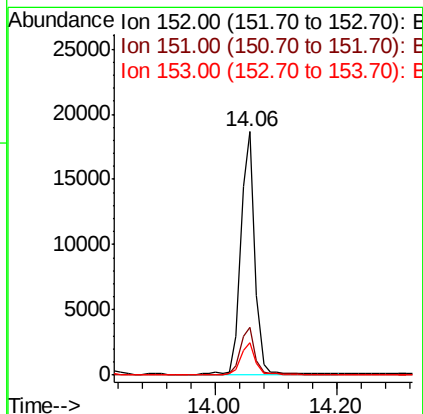
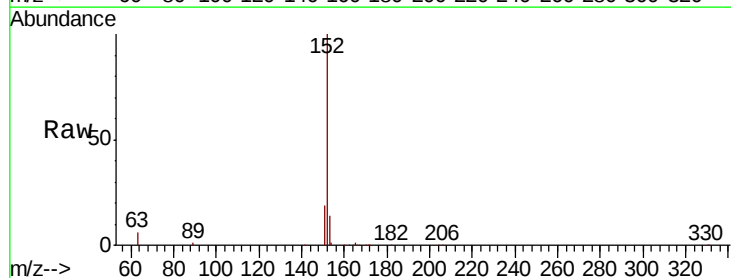
Instrument :
BNA_N
ClientSampleId :
PB122692BSD

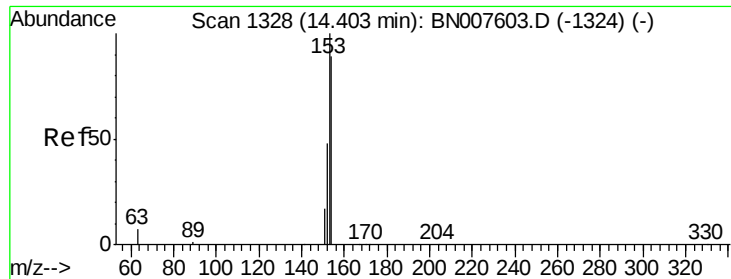
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	22.3	18.5	27.7



#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 0.346 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

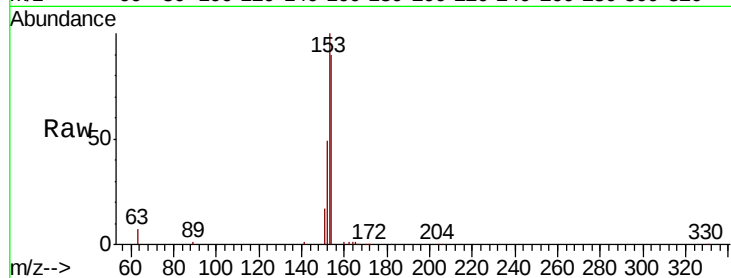
Tot Ion:154 Resp: 19807

Ion Ratio Lower Upper

154 100

153 111.9 89.8 134.8

152 55.4 43.8 65.8

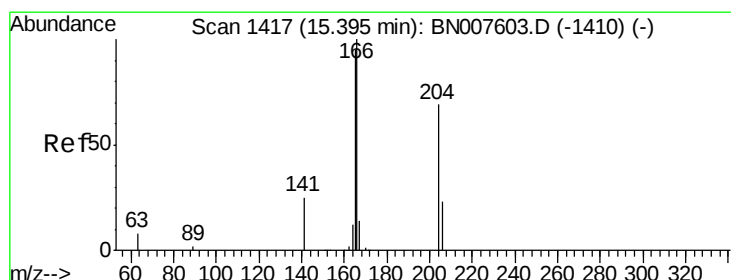
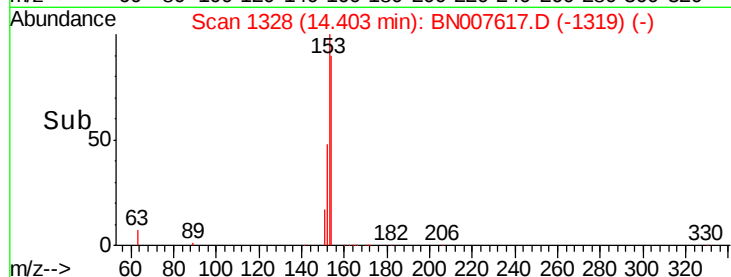
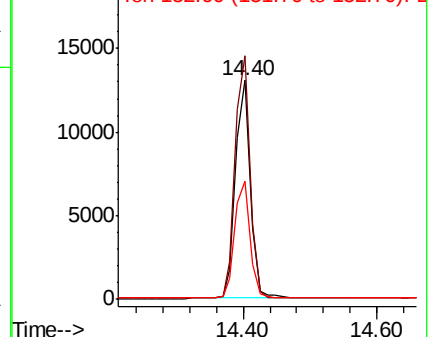


Abundance

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: 0.350 ng

RT: 15.38 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

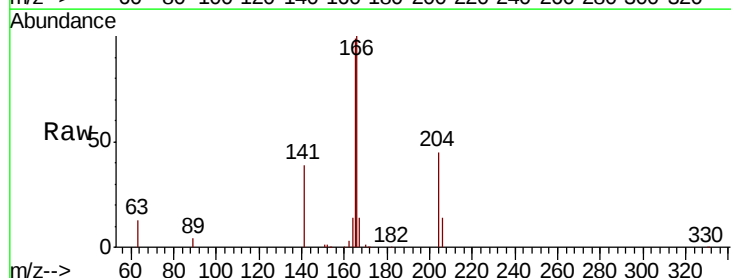
Tgt Ion:166 Resp: 25298

Ion Ratio Lower Upper

166 100

165 97.2 77.8 116.6

167 13.5 10.8 16.2

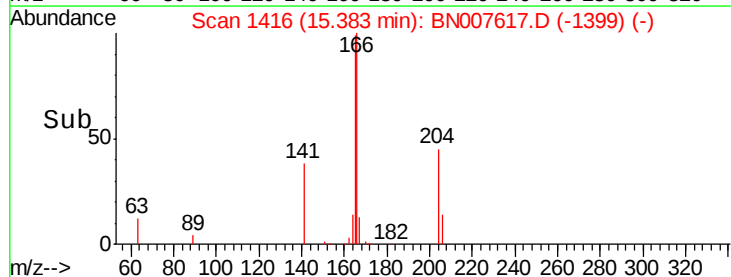
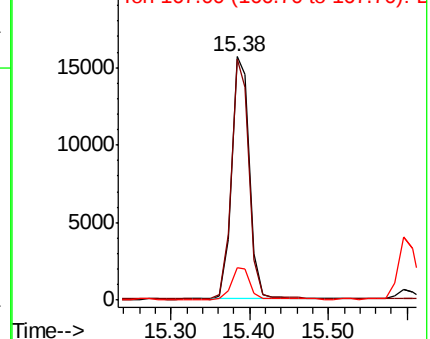


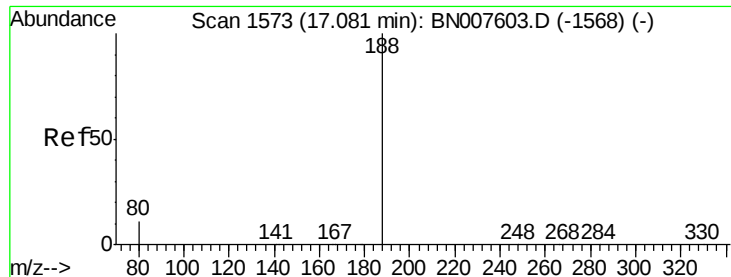
Abundance

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: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

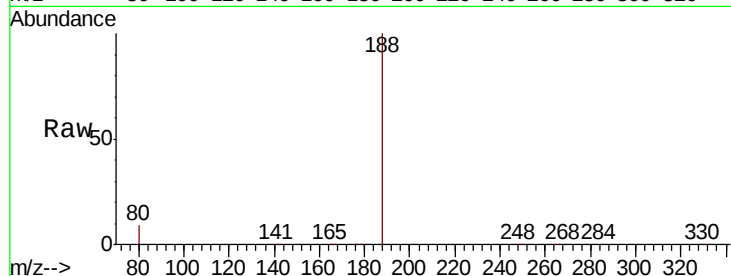
Tot Ion:188 Resp: 38977

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

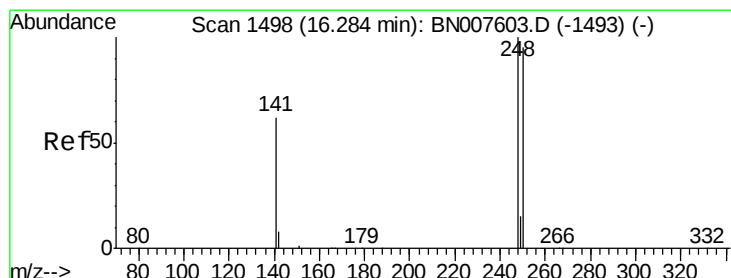
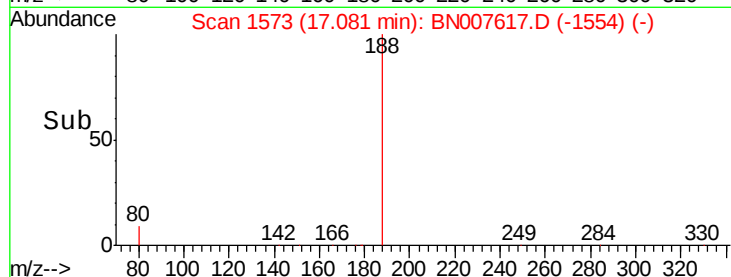
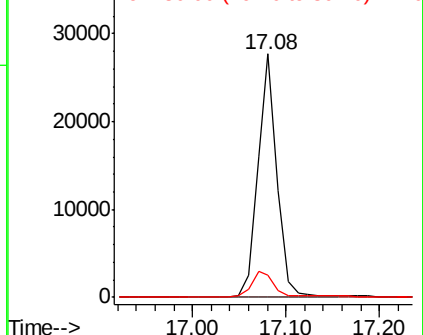
80 9.3 8.8 13.2



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: 0.328 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

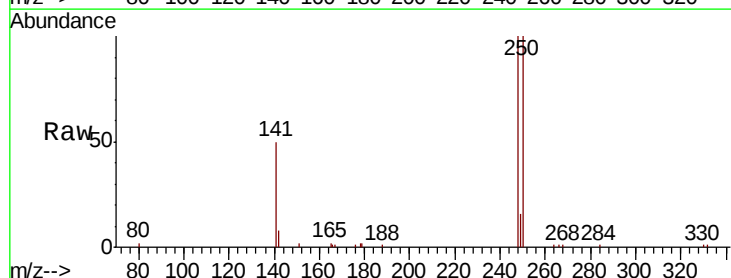
Tgt Ion:248 Resp: 7904

Ion Ratio Lower Upper

248 100

250 100.2 76.3 114.5

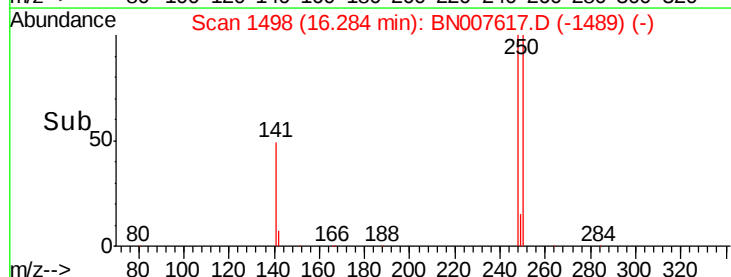
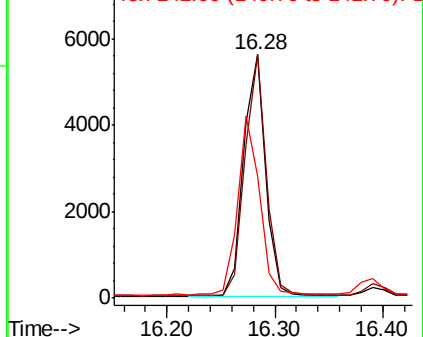
141 50.3 49.7 74.5

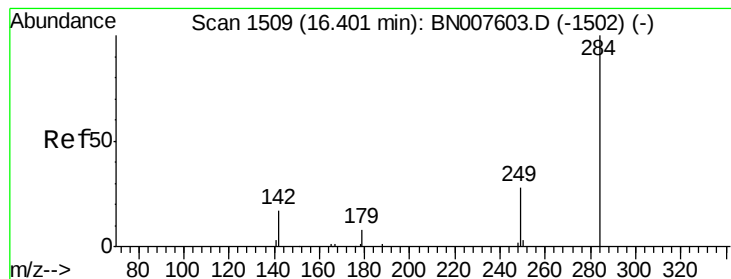


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.329 ng

RT: 16.39 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

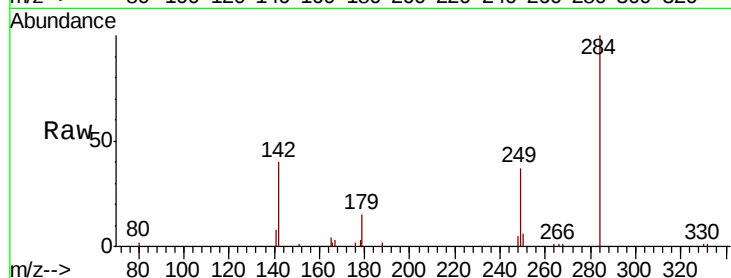
Tot Ion:284 Resp: 8478

Ion Ratio Lower Upper

284 100

142 35.7 27.8 41.6

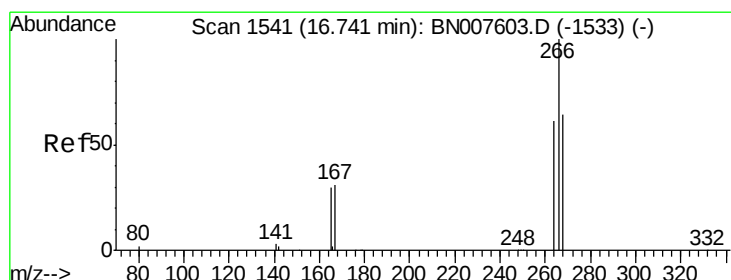
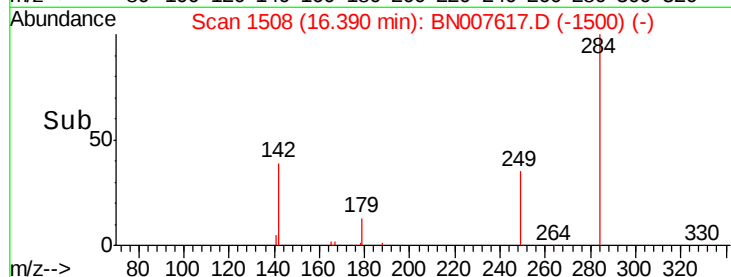
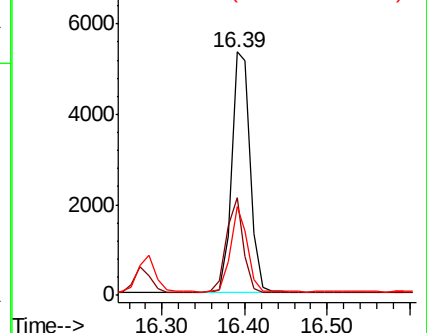
249 32.5 25.5 38.3



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: 0.626 ng

RT: 16.73 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

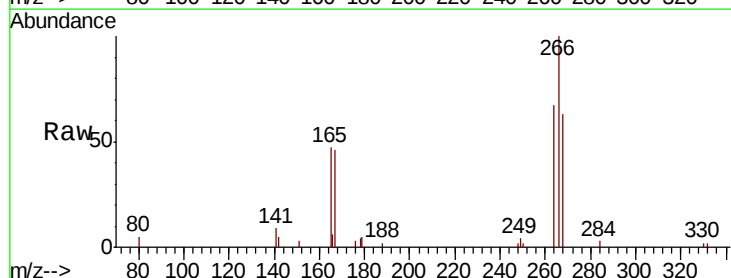
Tgt Ion:266 Resp: 4190

Ion Ratio Lower Upper

266 100

264 67.3 49.4 74.0

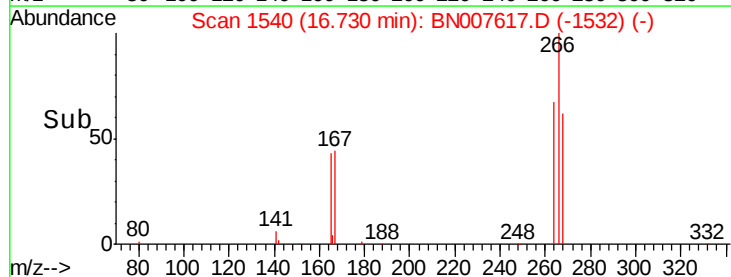
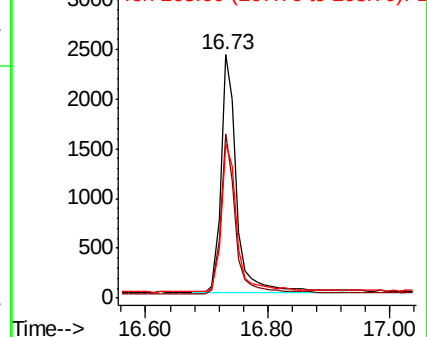
268 63.5 53.0 79.6

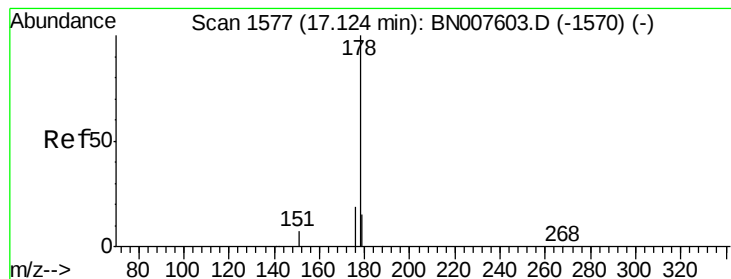


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.343 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

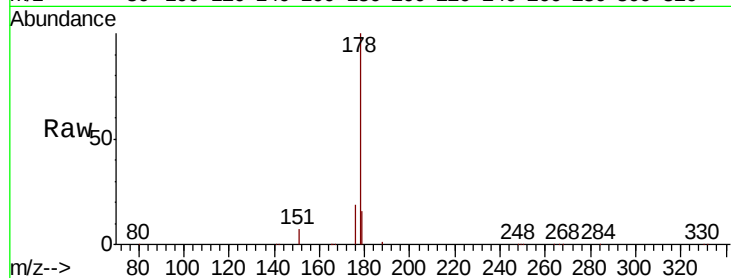
Tot Ion:178 Resp: 42158

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.4 12.4 18.6

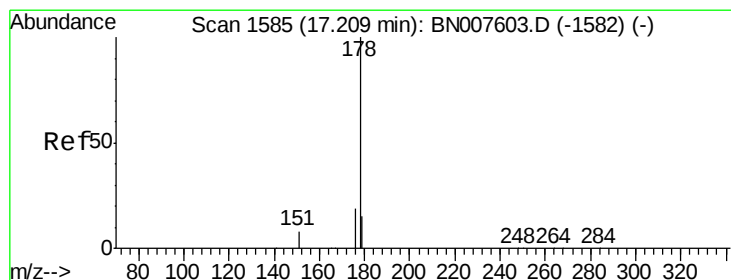
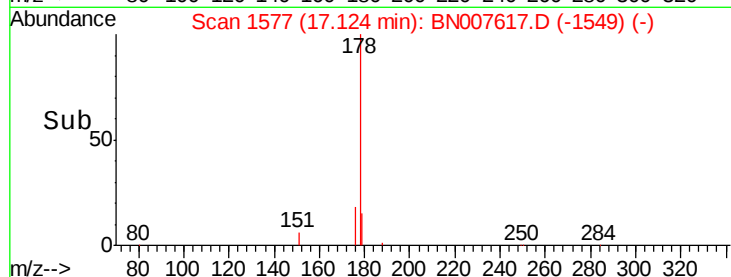
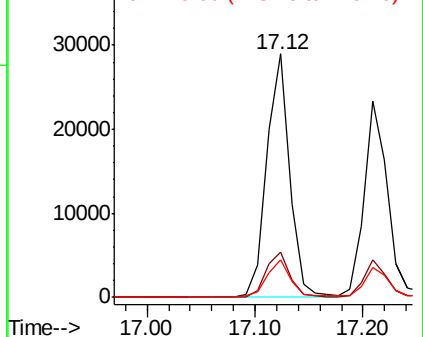


Abundance

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: 0.321 ng

RT: 17.21 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

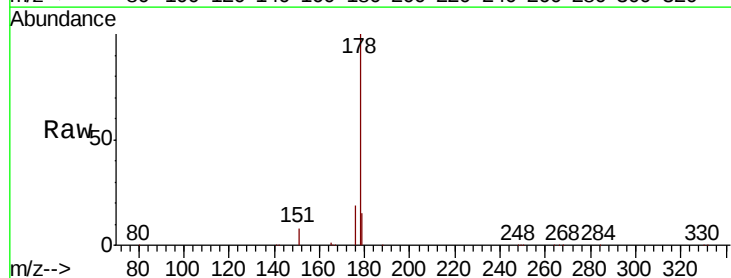
Tgt Ion:178 Resp: 34995

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

179 15.2 12.4 18.6

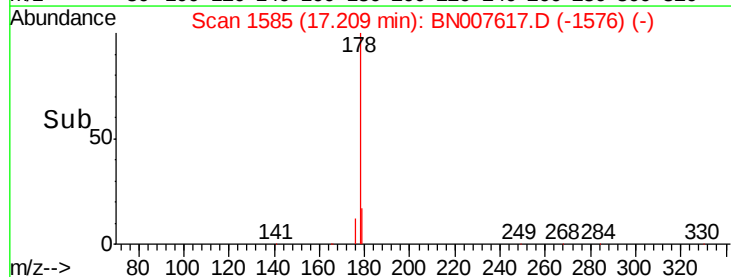
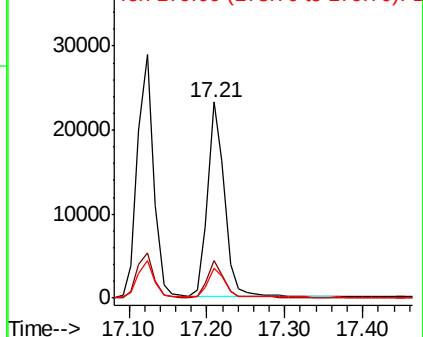


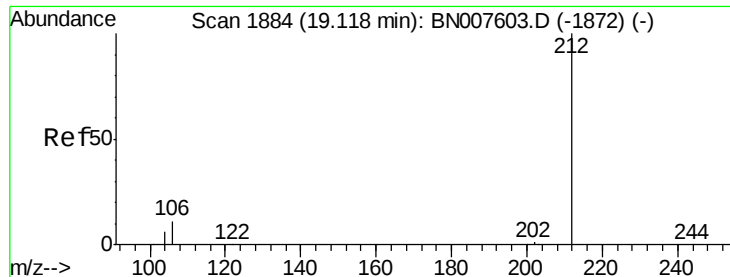
Abundance

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

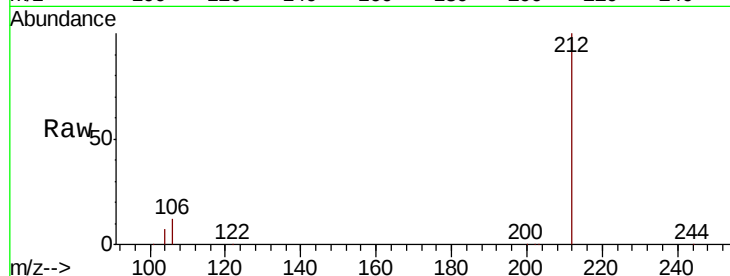




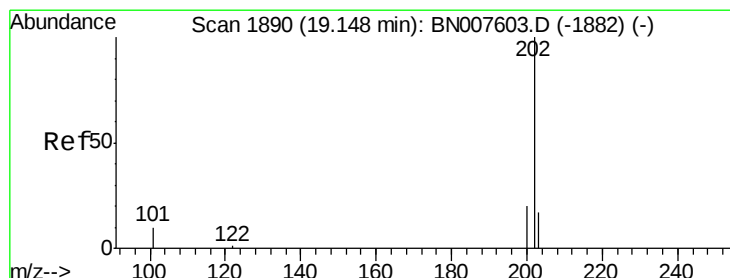
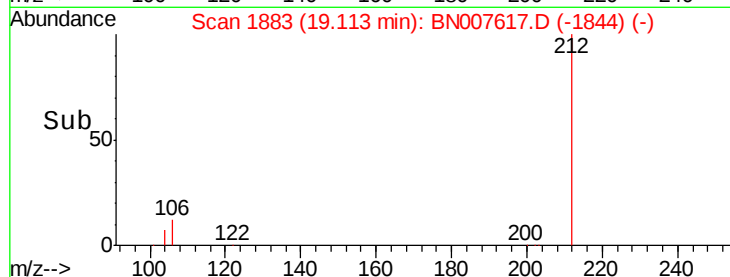
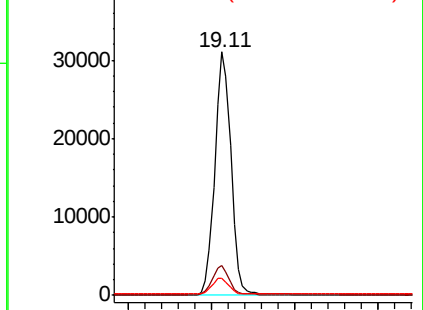
#25
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.11 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion:212 Resp: 41681
Ion Ratio Lower Upper
212 100
106 12.1 9.6 14.4
104 6.9 5.4 8.0

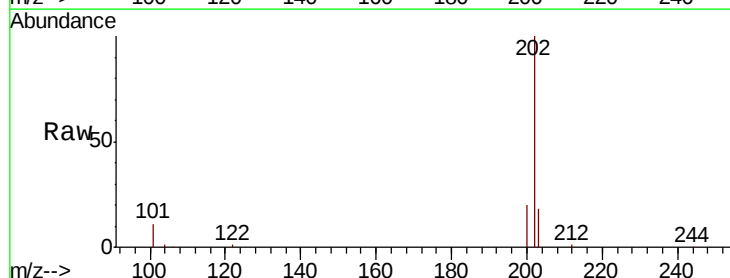


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

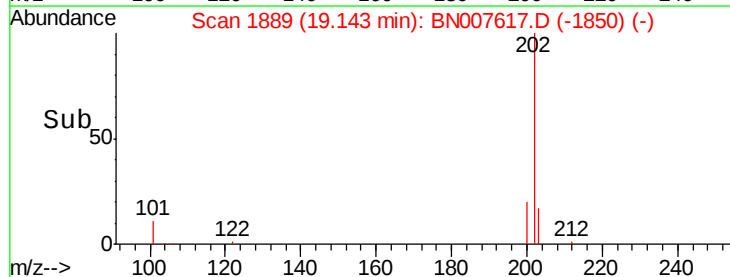
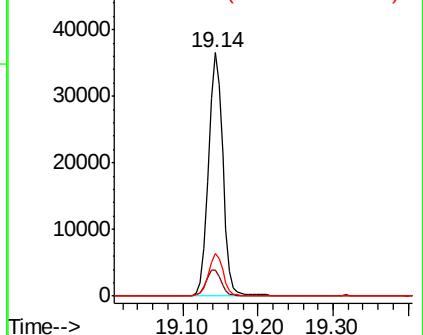


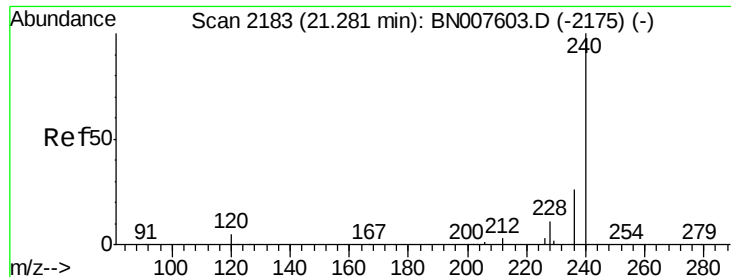
#26
Fluoranthene
Concen: 0.337 ng
RT: 19.14 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Tgt Ion:202 Resp: 48350
Ion Ratio Lower Upper
202 100
101 11.1 8.6 13.0
203 17.3 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

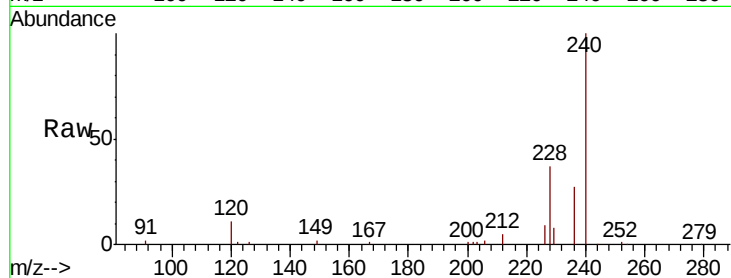
Tot Ion:240 Resp: 44197

Ion Ratio Lower Upper

240 100

120 11.2 4.3 6.5#

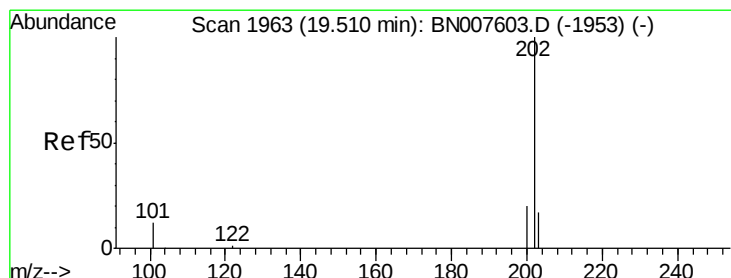
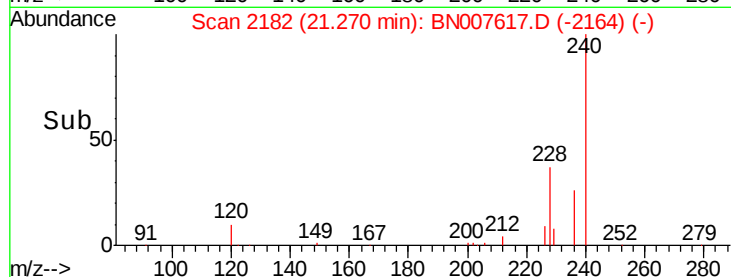
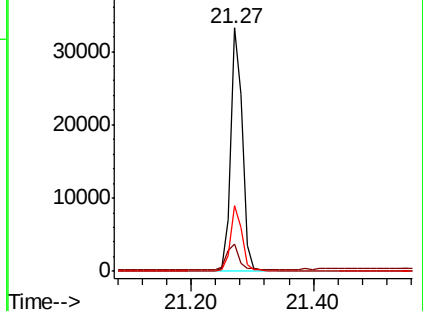
236 26.7 20.8 31.2



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: 0.339 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

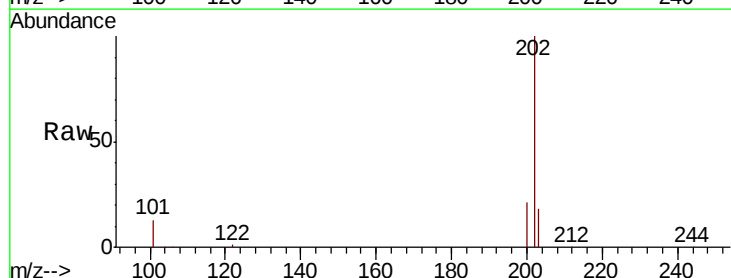
Tgt Ion:202 Resp: 54383

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

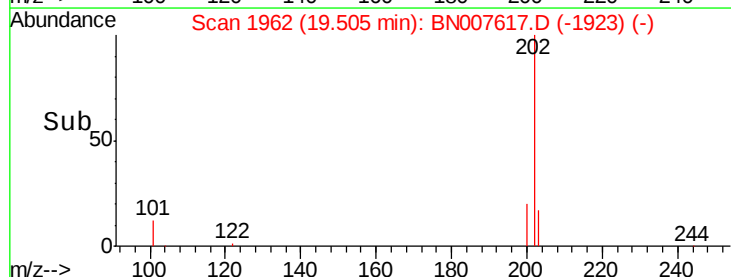
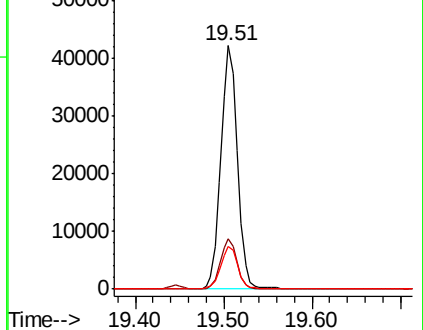
203 17.5 14.0 21.0

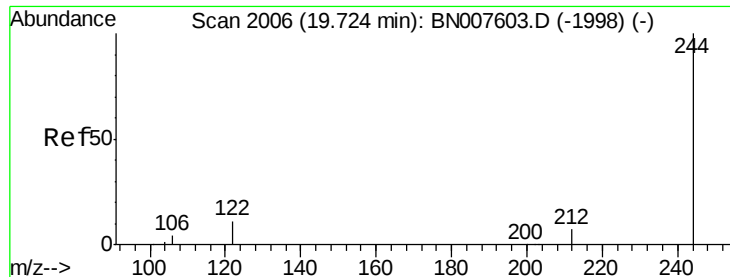


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.295 ng

RT: 19.72 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

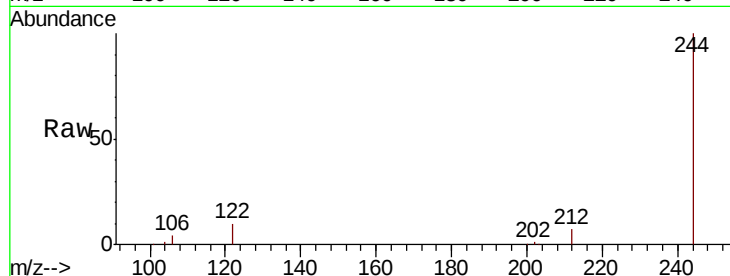
Tot Ion:244 Resp: 34420

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

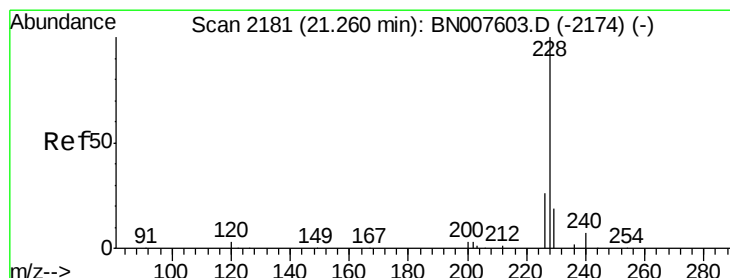
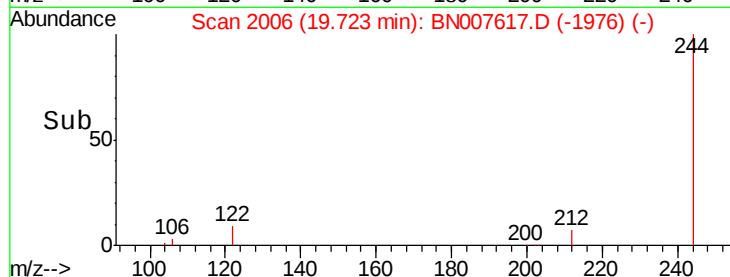
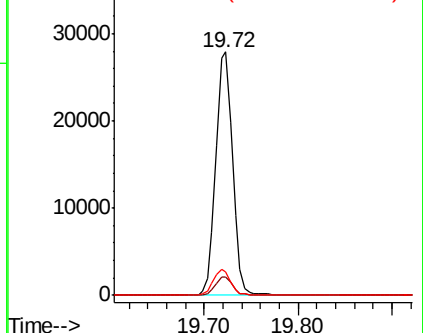
122 9.6 8.6 12.8



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: 0.297 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

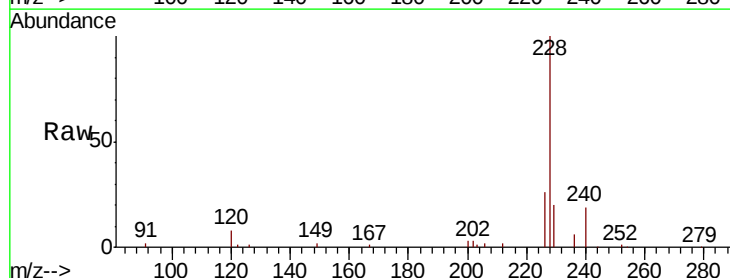
Tgt Ion:228 Resp: 46605

Ion Ratio Lower Upper

228 100

226 26.1 21.2 31.8

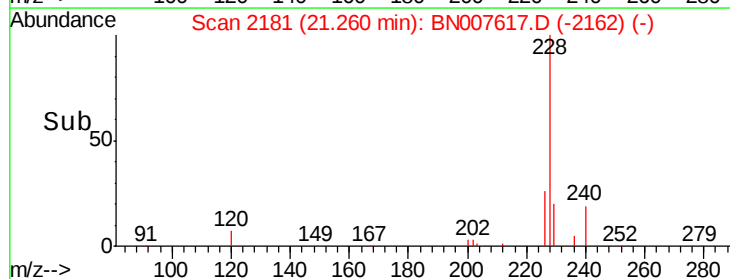
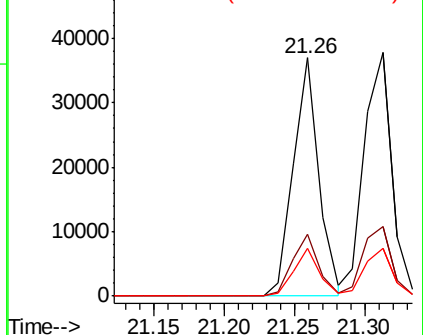
229 19.8 15.5 23.3

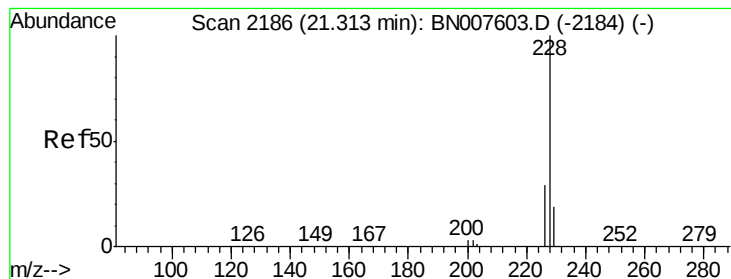


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.316 ng

RT: 21.31 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

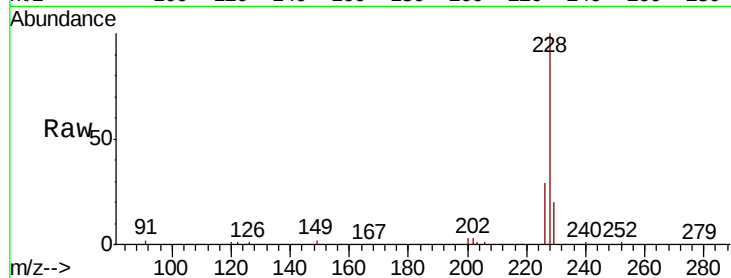
Tot Ion:228 Resp: 51502

Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.2

229 19.7 15.5 23.3

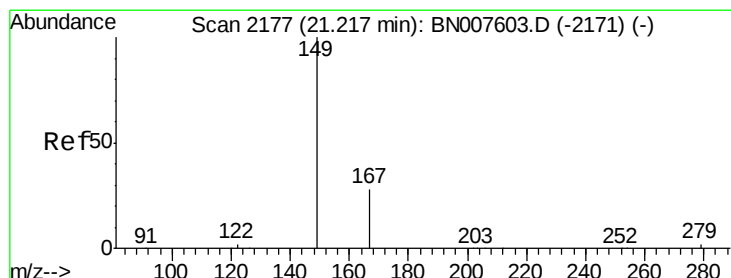
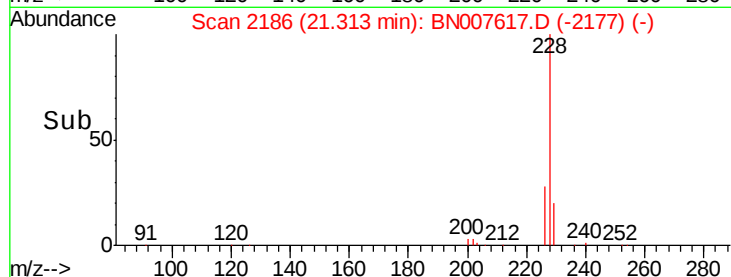
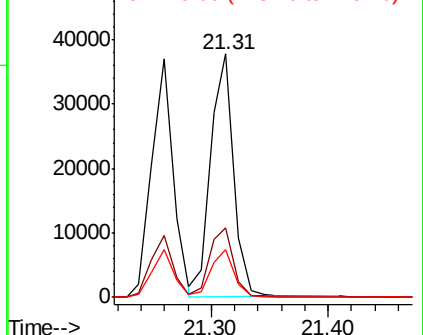


Abundance

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: 0.273 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

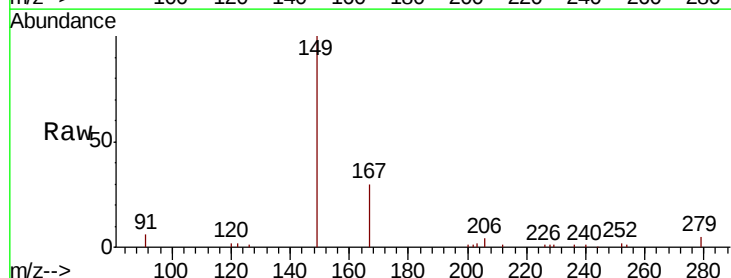
Tgt Ion:149 Resp: 14511

Ion Ratio Lower Upper

149 100

167 27.6 22.6 34.0

279 5.7 3.8 5.6#

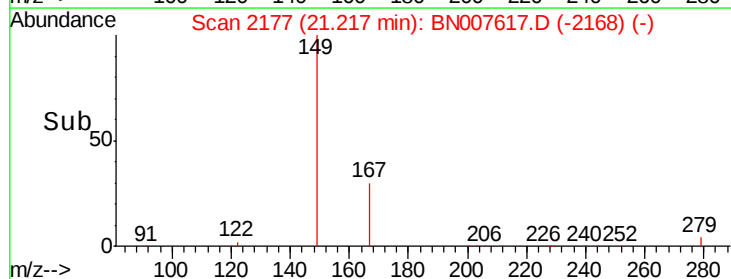
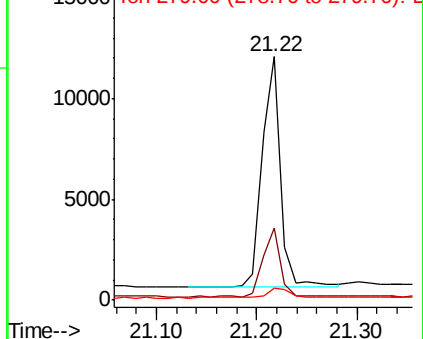


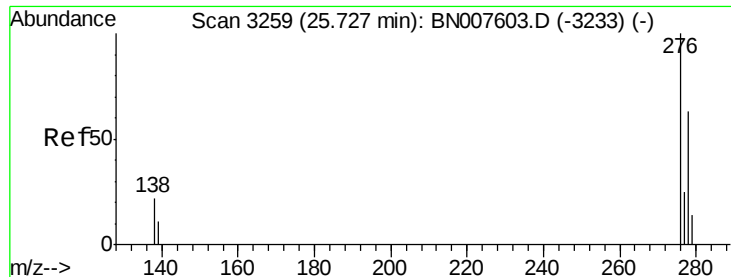
Abundance

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: 0.313 ng

RT: 25.72 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

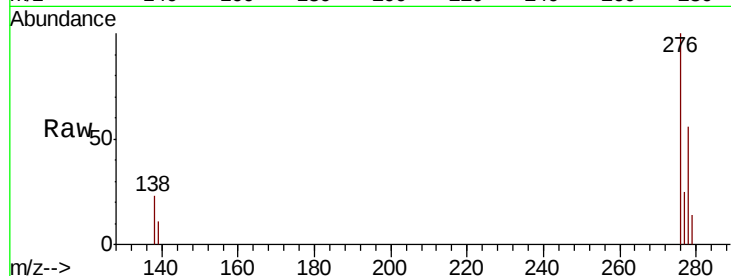
Tot Ion:276 Resp: 54586

Ion Ratio Lower Upper

276 100

138 23.3 18.2 27.4

277 25.2 20.1 30.1

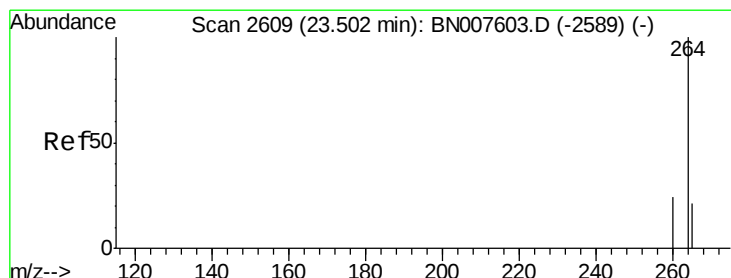
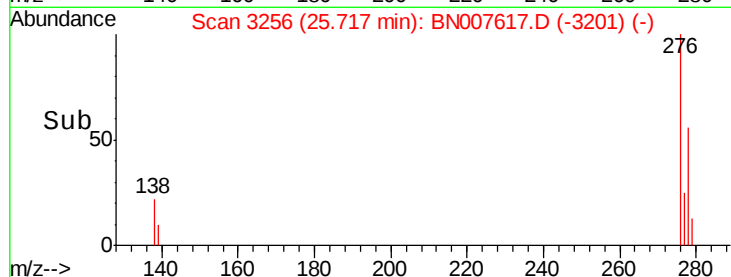
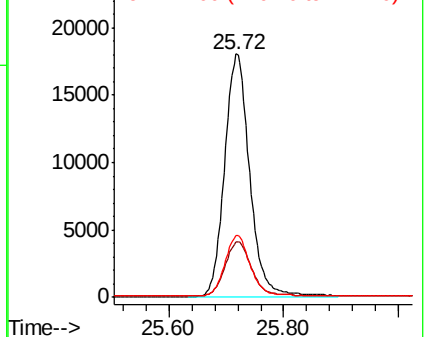


Abundance

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# 2607

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

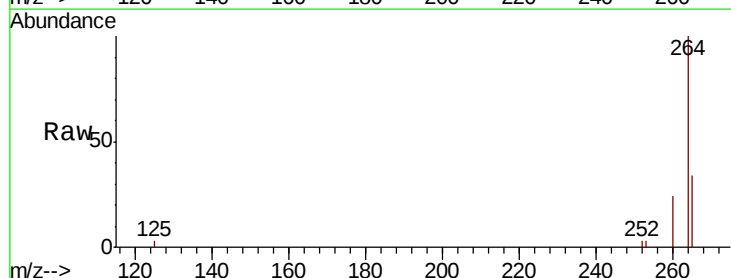
Tgt Ion:264 Resp: 40550

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 34.3 24.6 37.0

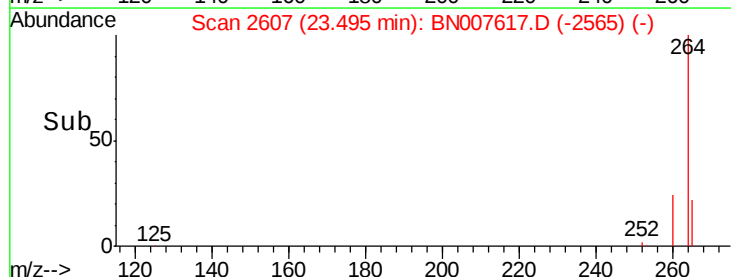
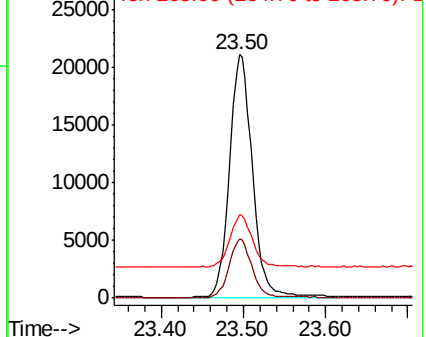


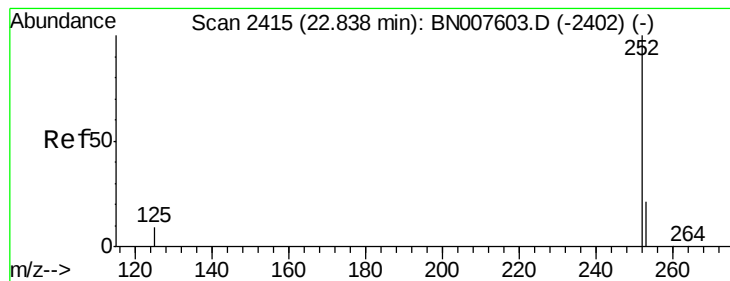
Abundance

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: 0.317 ng

RT: 22.83 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

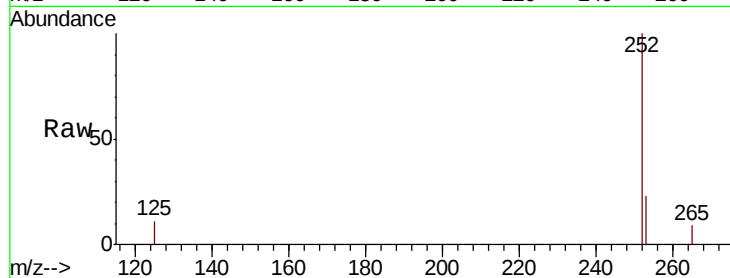
Tot Ion:252 Resp: 46743

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

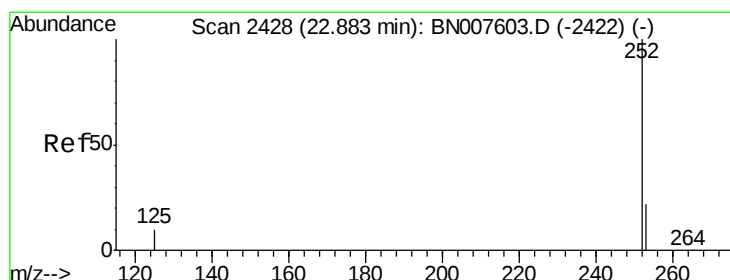
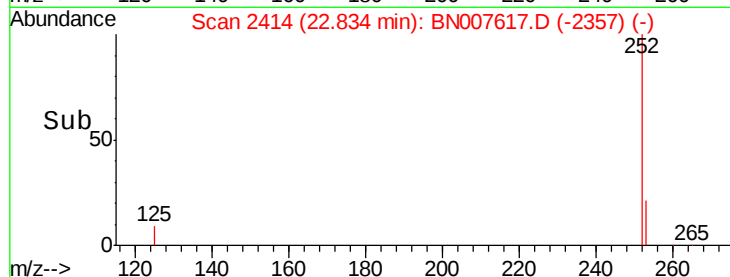
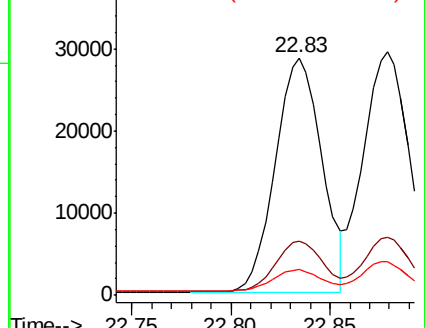
125 11.1 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.310 ng

RT: 22.83 min Scan# 2414

Delta R.T. -0.05 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

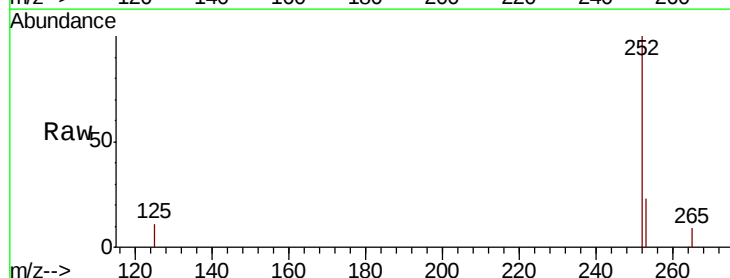
Tgt Ion:252 Resp: 46732

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

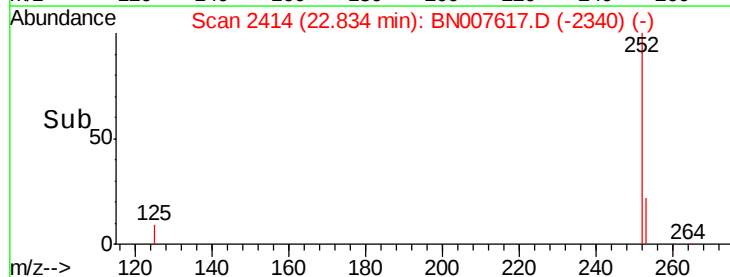
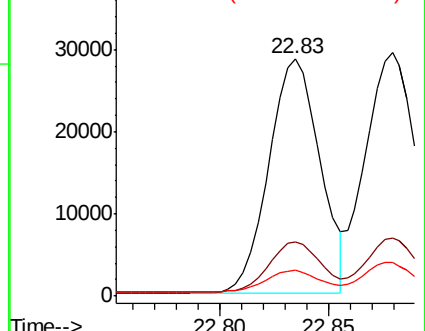
125 11.1 8.9 13.3

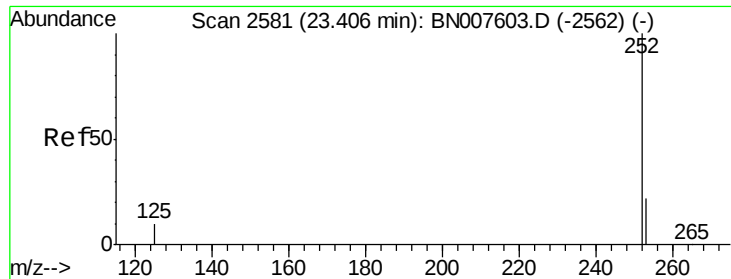


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.310 ng

RT: 23.40 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

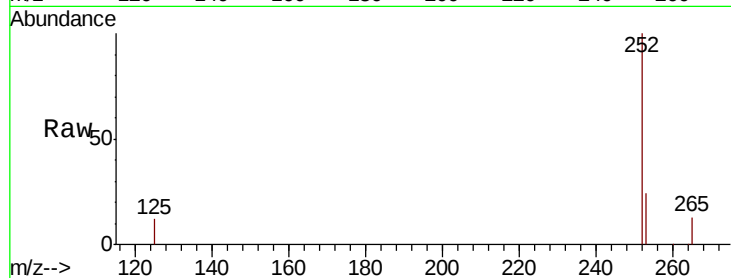
Tot Ion:252 Resp: 40500

Ion Ratio Lower Upper

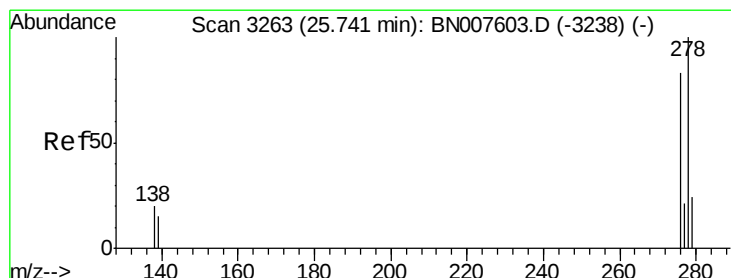
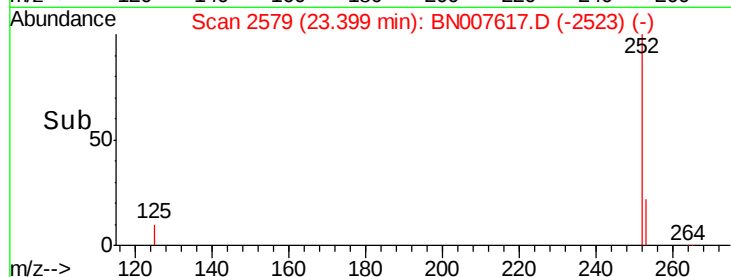
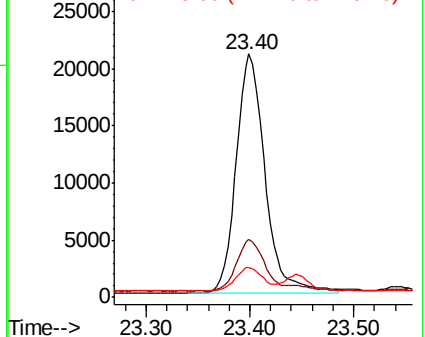
252 100

253 23.9 18.3 27.5

125 12.4 8.9 13.3



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: 0.328 ng

RT: 25.73 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

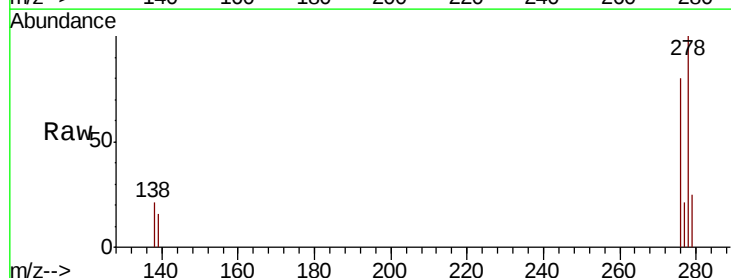
Tgt Ion:278 Resp: 44904

Ion Ratio Lower Upper

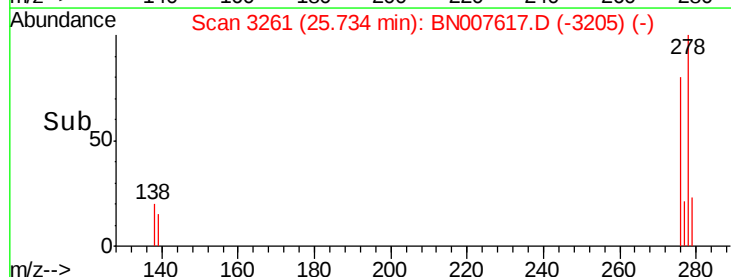
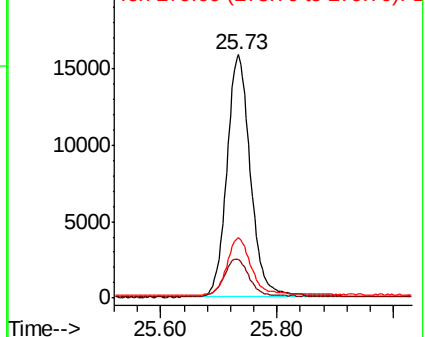
278 100

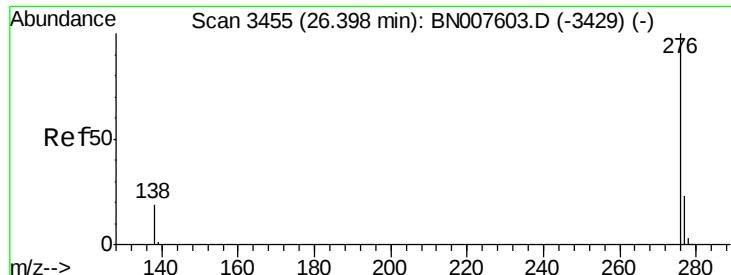
139 15.9 12.6 18.8

279 24.7 19.6 29.4



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: 0.326 ng

RT: 26.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

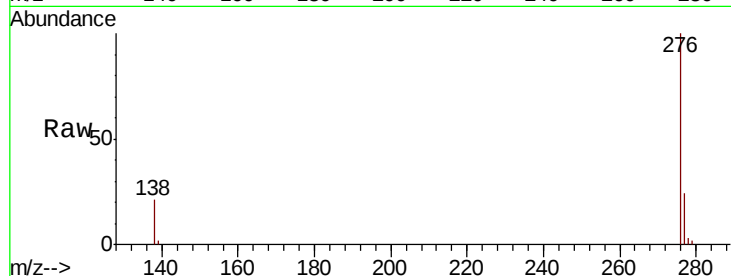
Tot Ion: 276 Resp: 44200

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 20.7 15.8 23.6



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

