

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007628.D
 Acq On : 13 Sep 2019 15:51
 Operator : HP/JU
 Sample : PB122886BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123061BS

Quant Time: Sep 14 03:00:07 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	9239	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	36254	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	17489	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	36937	0.40	ng	0.00
27) Chrysene-d12	21.27	240	31788	0.40	ng	-0.01
34) Perylene-d12	23.50	264	29148	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	7097	0.24	ng	0.00
5) Phenol-d6	6.89	99	9396	0.26	ng	0.00
8) Nitrobenzene-d5	8.86	82	6781	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	19438	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1284	0.19	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	20820	0.27	ng	0.00
25) Fluoranthene-d10	19.11	212	28345	0.24	ng	0.00
29) Terphenyl-d14	19.72	244	28637	0.34	ng	0.00

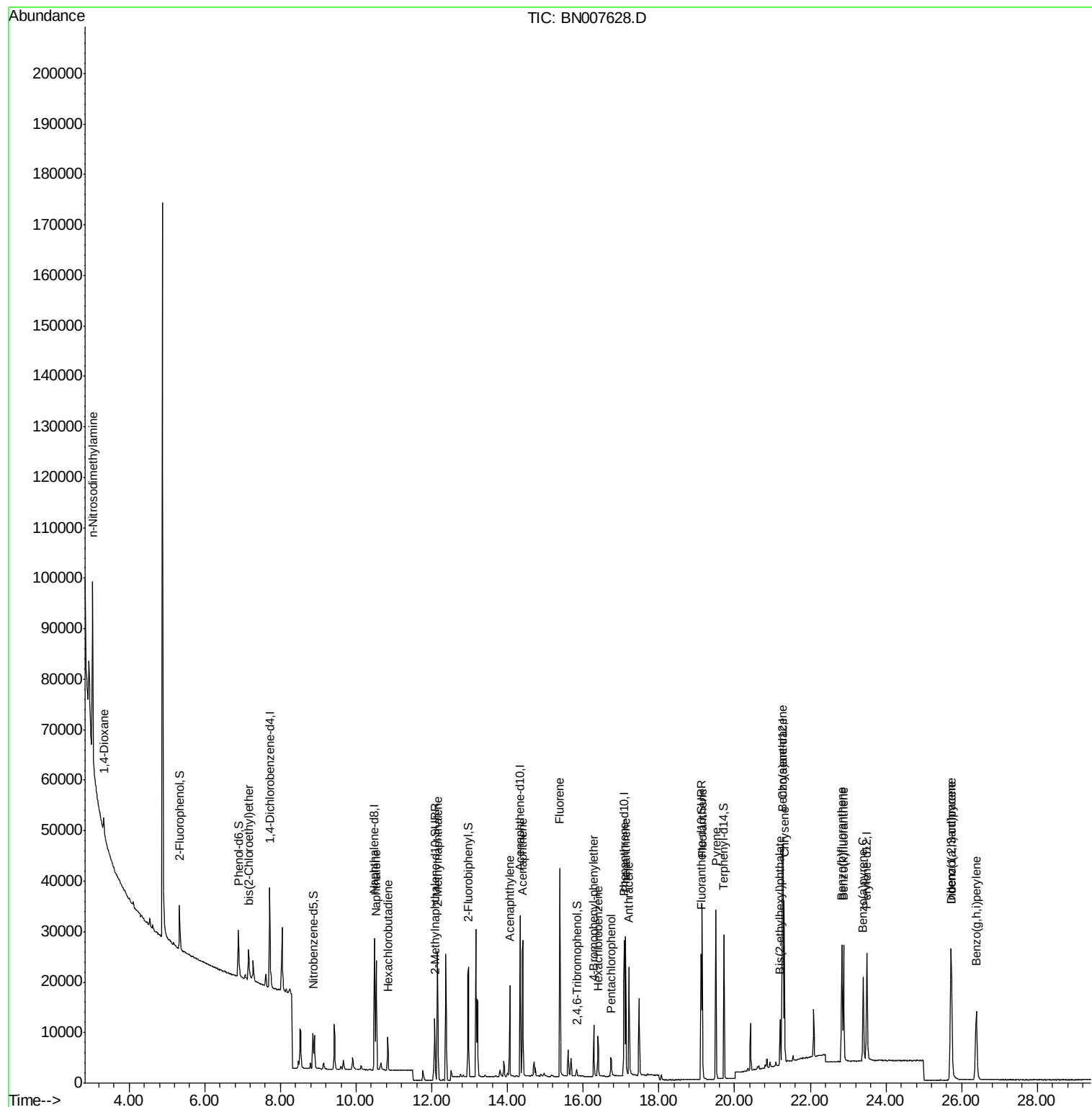
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	2165	0.196	ng	# 55
3) n-Nitrosodimethylamine	3.04	42	3817	0.760	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	6895	0.254	ng	98
9) Naphthalene	10.53	128	27427	0.264	ng	99
10) Hexachlorobutadiene	10.84	225	5167	0.247	ng	# 99
12) 2-Methylnaphthalene	12.15	142	17863	0.256	ng	99
16) Acenaphthylene	14.06	152	21744	0.239	ng	100
17) Acenaphthene	14.40	154	15028	0.253	ng	99
18) Fluorene	15.38	166	18285	0.244	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	5691	0.249	ng	90
21) Hexachlorobenzene	16.39	284	6133	0.251	ng	99
22) Pentachlorophenol	16.73	266	2474	0.390	ng	97
23) Phenanthrene	17.12	178	29406	0.252	ng	100
24) Anthracene	17.21	178	24668	0.239	ng	100
26) Fluoranthene	19.14	202	31580	0.232	ng	100
28) Pyrene	19.51	202	31337	0.271	ng	99
30) Benzo(a)anthracene	21.26	228	26535	0.235	ng	99
31) Chrysene	21.31	228	31049	0.265	ng	98
32) Bis(2-ethylhexyl)phthalate	21.21	149	7660	0.200	ng	99
33) Indeno(1,2,3-cd)pyrene	25.71	276	32269	0.258	ng	100
35) Benzo(b)fluoranthene	22.83	252	29061	0.275	ng	# 96
36) Benzo(k)fluoranthene	22.88	252	28749	0.265	ng	97
37) Benzo(a)pyrene	23.40	252	24445	0.260	ng	# 95
38) Dibenzo(a,h)anthracene	25.73	278	26983	0.274	ng	98
39) Benzo(g,h,i)perylene	26.38	276	29064	0.299	ng	99

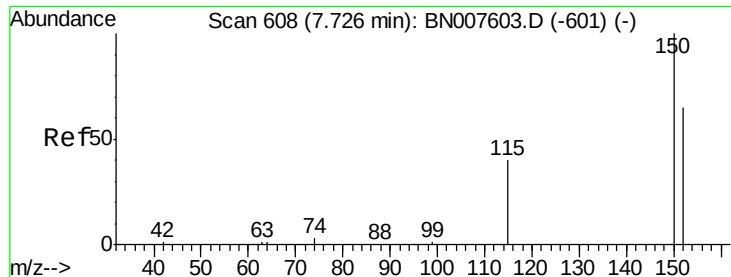
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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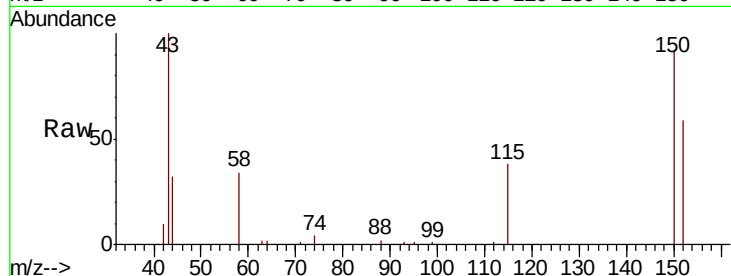


#1

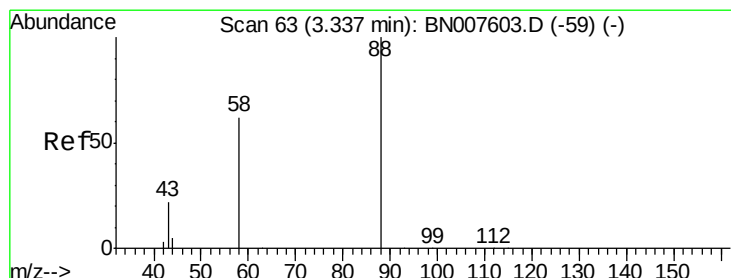
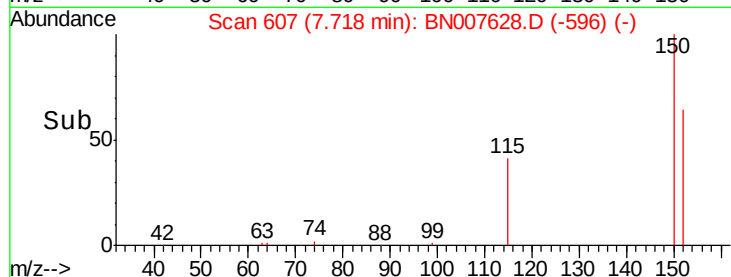
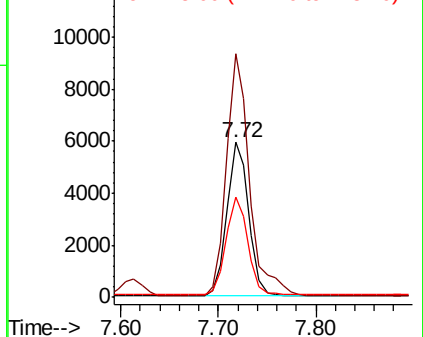
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007628.D
Acq: 13 Sep 2019 15:51

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tot Ion:152 Resp: 9239
Ion Ratio Lower Upper
152 100
150 157.3 122.4 183.6
115 64.7 50.4 75.6



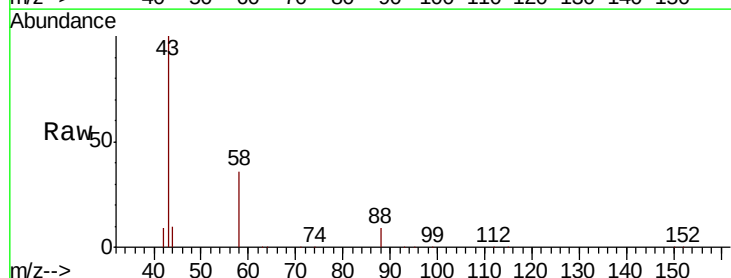
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



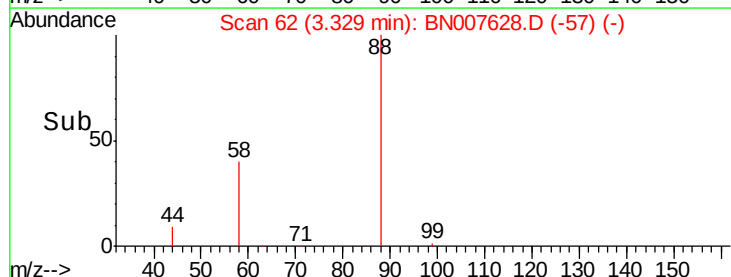
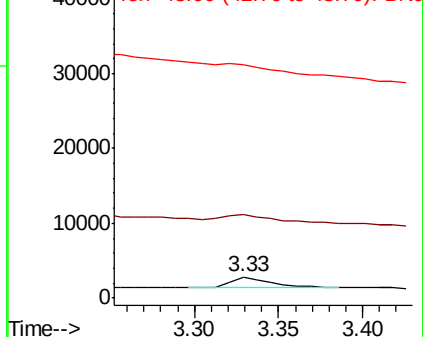
#2

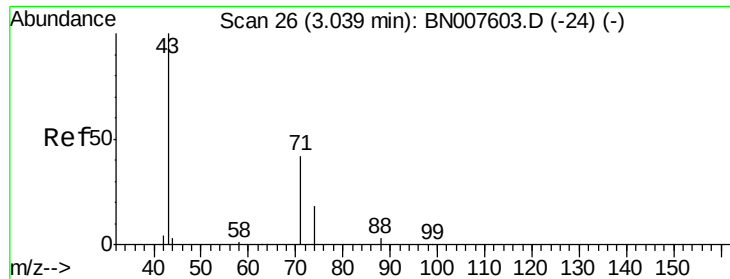
1,4-Dioxane
Concen: 0.196 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007628.D
Acq: 13 Sep 2019 15:51

Tgt Ion: 88 Resp: 2165
Ion Ratio Lower Upper
88 100
58 107.2 57.0 85.4#
43 0.0 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: 0.760 ng

RT: 3.04 min Scan# 26

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

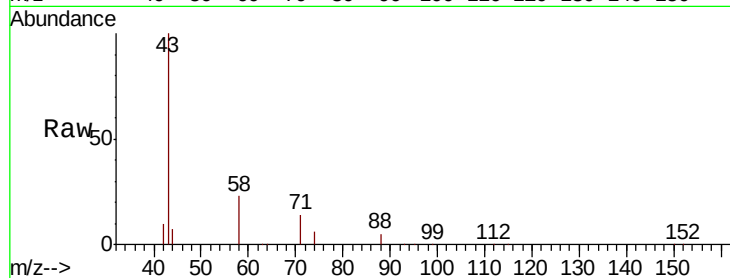
Tot Ion: 42 Resp: 3817

Ion Ratio Lower Upper

42 100

74 114.3 9.8 14.8#

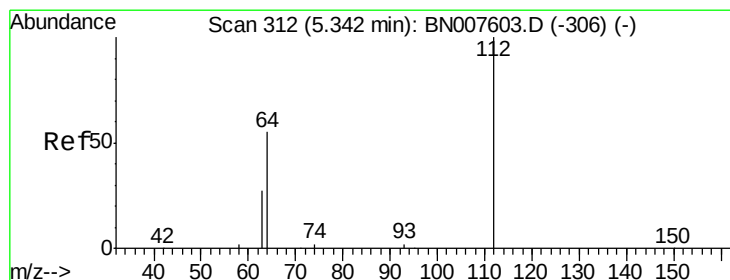
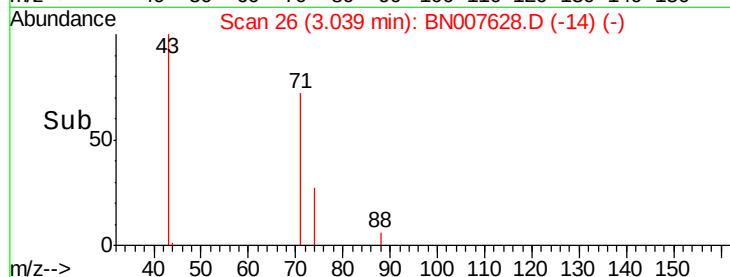
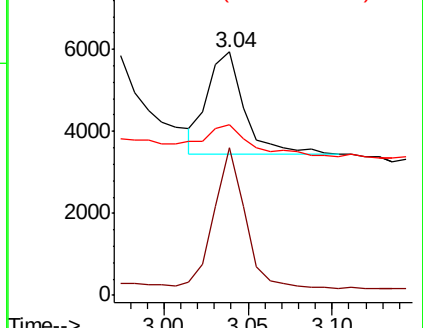
44 42.9 0.0 0.0#



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: 0.240 ng

RT: 5.34 min Scan# 312

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

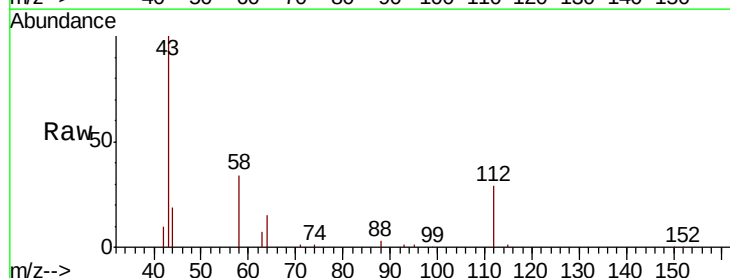
Tgt Ion: 112 Resp: 7097

Ion Ratio Lower Upper

112 100

64 60.3 48.5 72.7

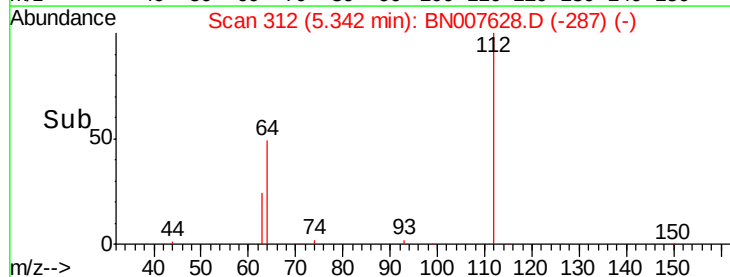
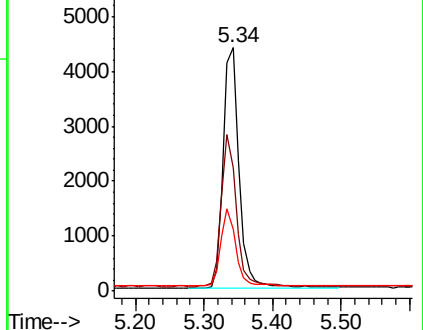
63 30.1 24.4 36.6

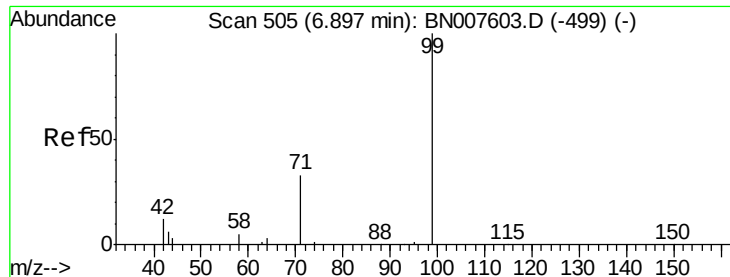


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.263 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

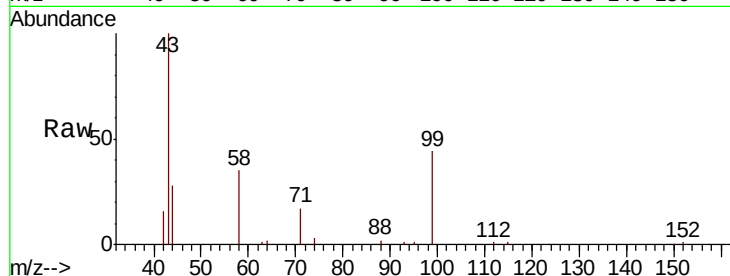
Tot Ion: 99 Resp: 9396

Ion Ratio Lower Upper

99 100

42 19.0 11.8 17.6#

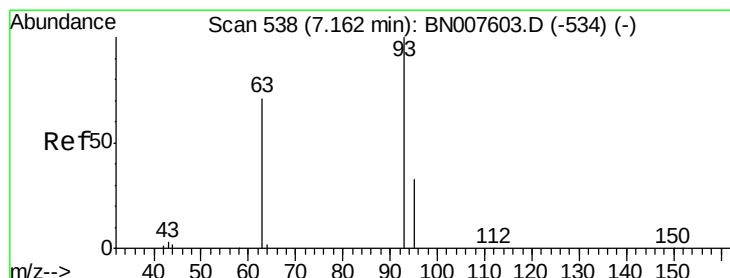
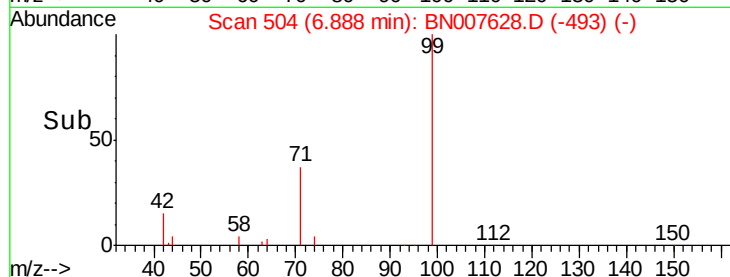
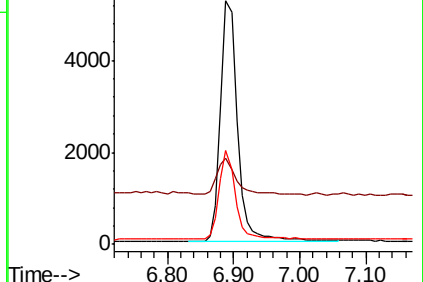
71 35.5 28.0 42.0



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) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.254 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

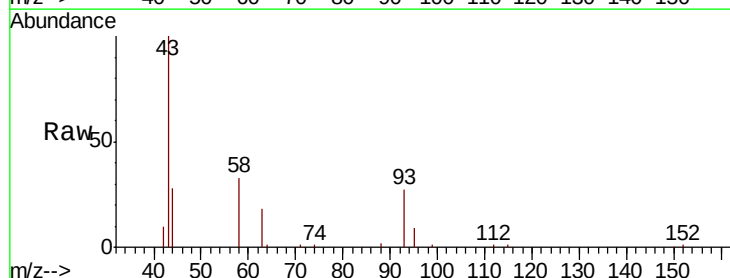
Tgt Ion: 93 Resp: 6895

Ion Ratio Lower Upper

93 100

63 74.8 61.2 91.8

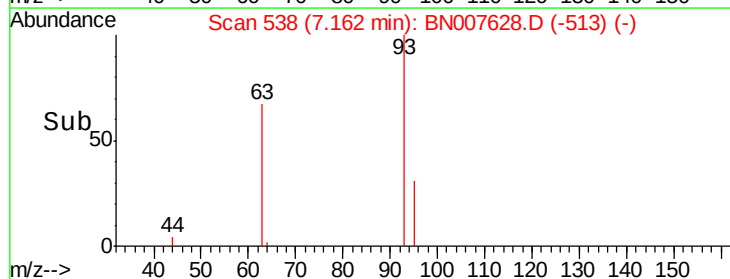
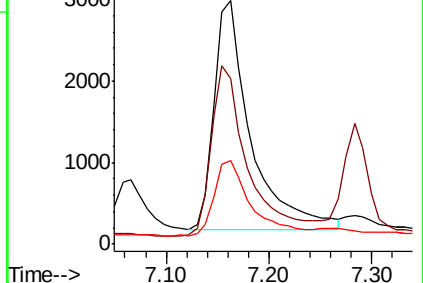
95 32.9 27.2 40.8

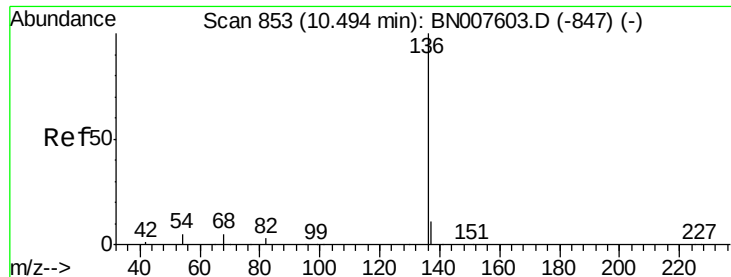


Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

Tot Ion:136 Resp: 36254

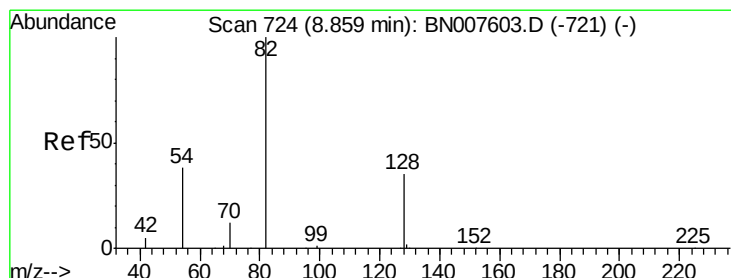
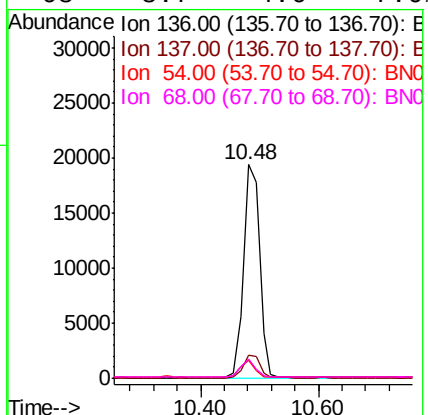
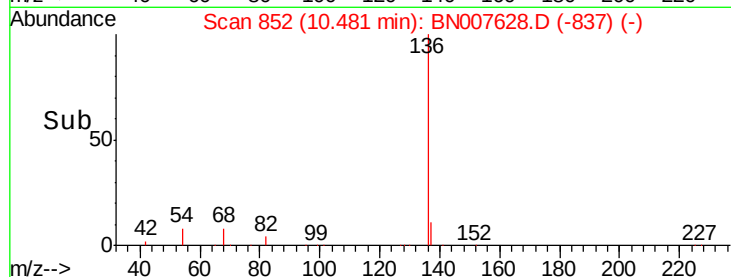
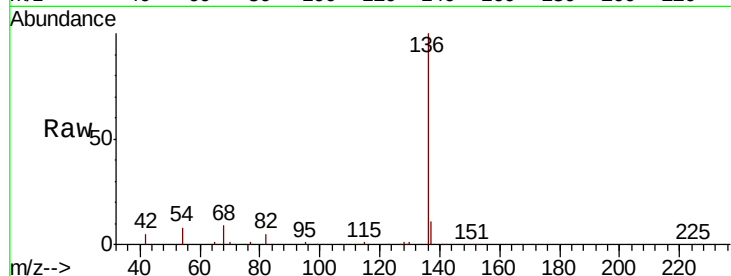
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.4 4.2 6.4#

68 8.7 4.6 7.0#



#8

Nitrobenzene-d5

Concen: 0.234 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

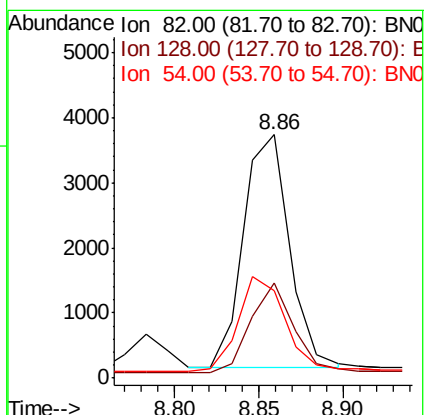
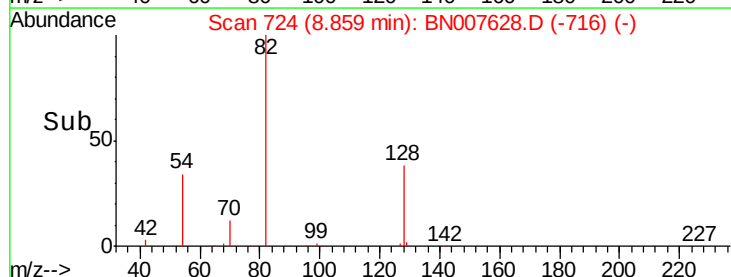
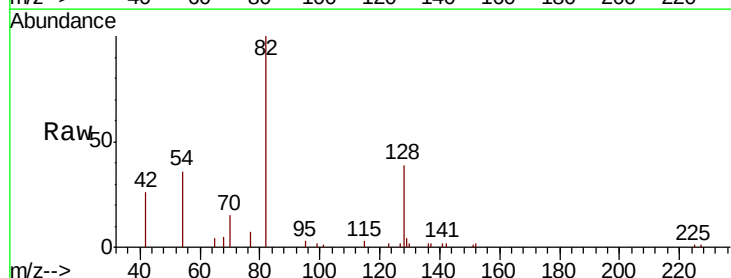
Tgt Ion: 82 Resp: 6781

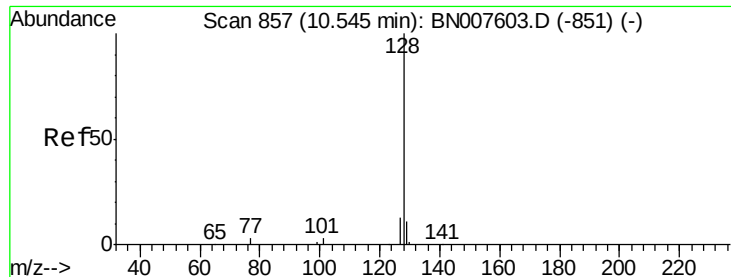
Ion Ratio Lower Upper

82 100

128 39.0 27.9 41.9

54 35.9 30.9 46.3





#9

Naphthalene

Concen: 0.264 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

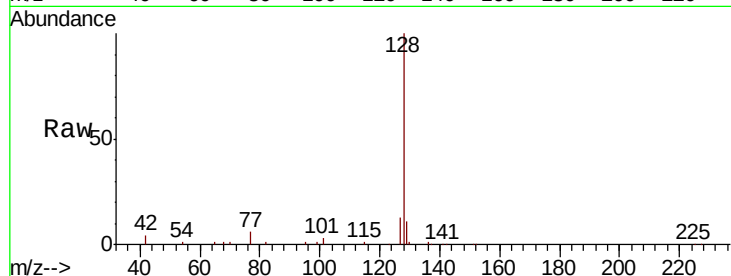
Tot Ion:128 Resp: 27427

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

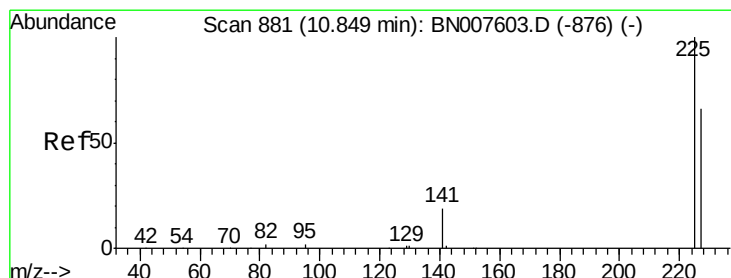
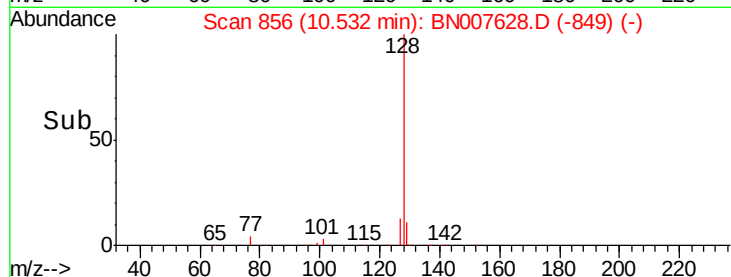
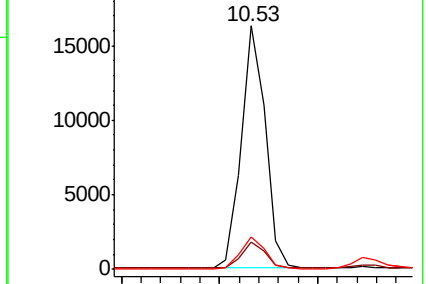
127 13.3 10.4 15.6



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: 0.247 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

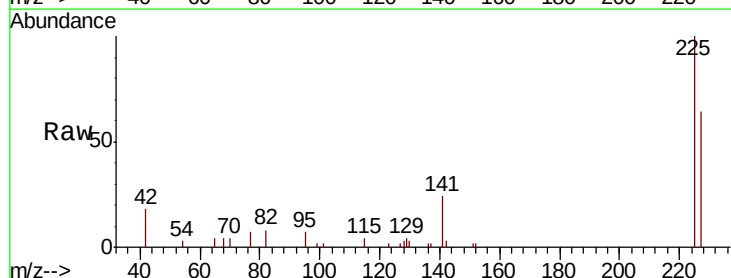
Tgt Ion:225 Resp: 5167

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

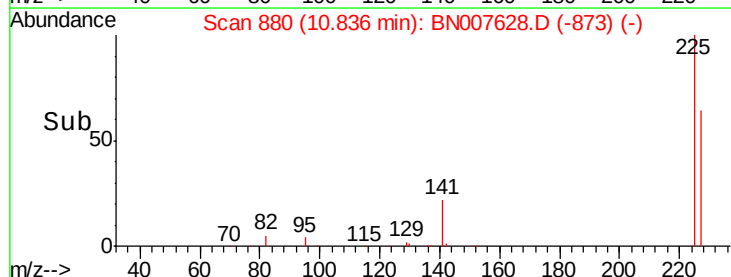
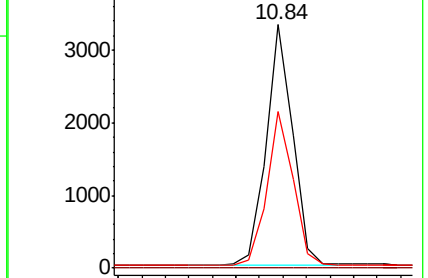
227 63.2 51.3 76.9

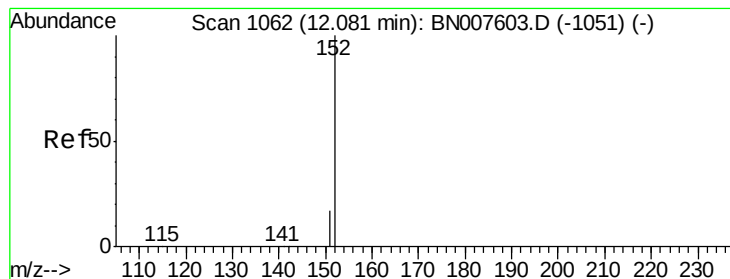


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

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ClientSampleId :

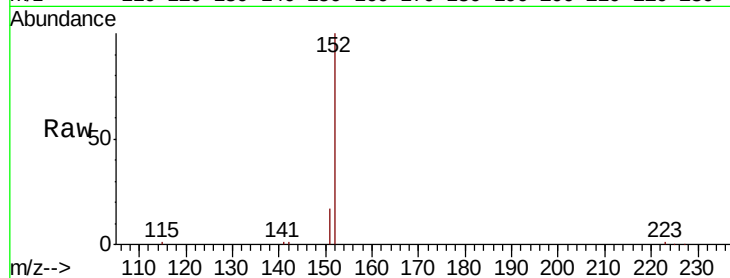
PB123061BS

Tot Ion:152 Resp: 19438

Ion Ratio Lower Upper

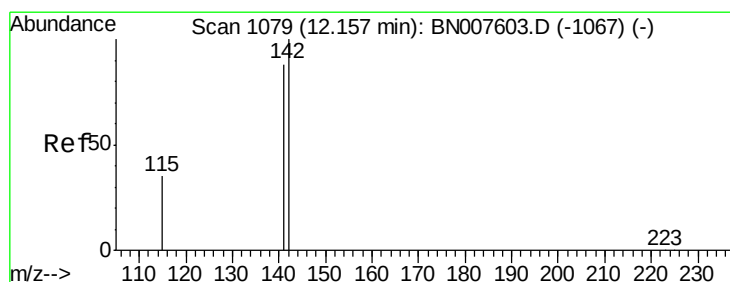
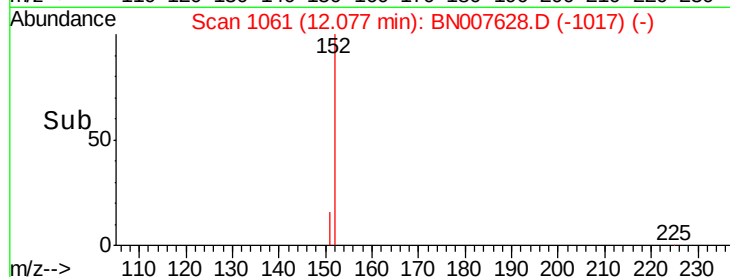
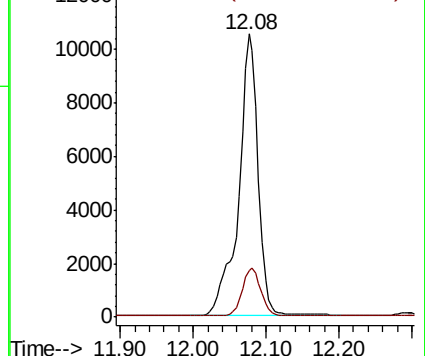
152 100

151 16.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.256 ng

RT: 12.15 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

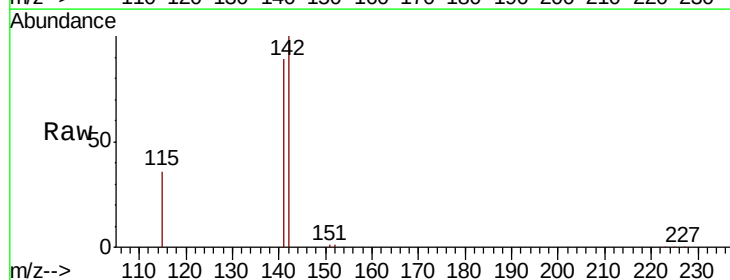
Tgt Ion:142 Resp: 17863

Ion Ratio Lower Upper

142 100

141 88.6 70.5 105.7

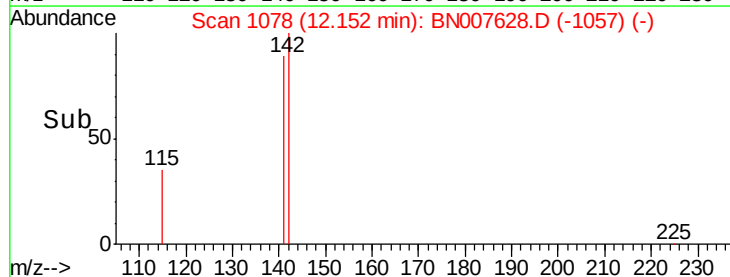
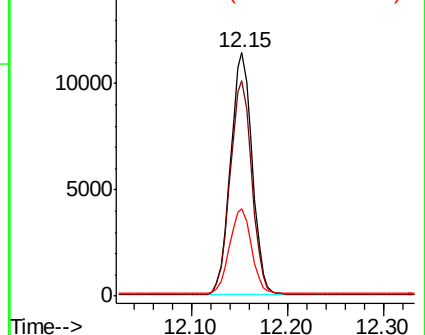
115 36.0 28.4 42.6

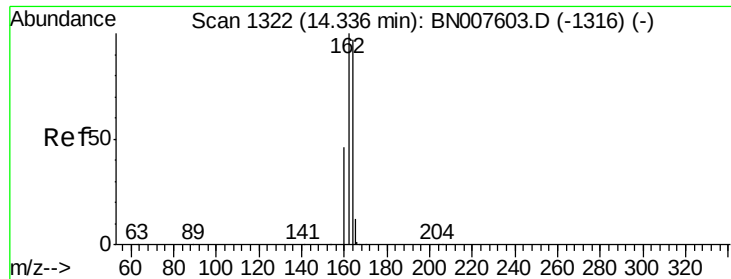


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

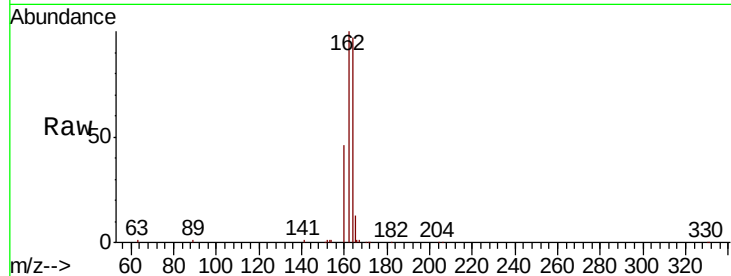
Tot Ion:164 Resp: 17489

Ion Ratio Lower Upper

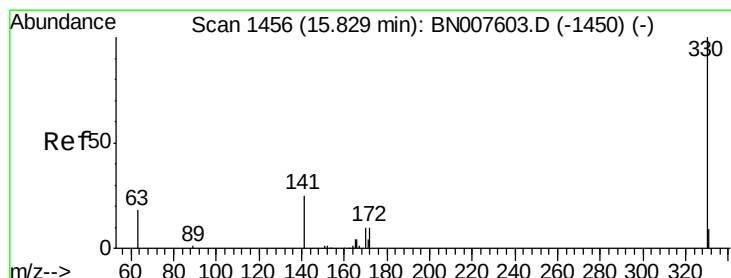
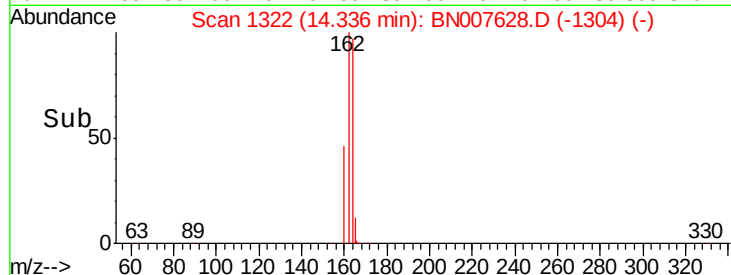
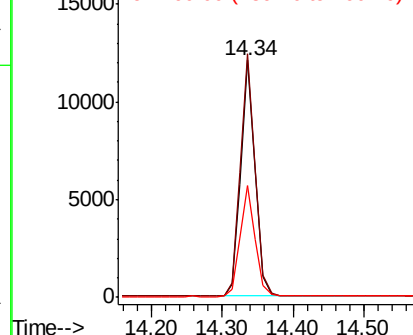
164 100

162 102.8 82.8 124.2

160 47.4 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: 0.194 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

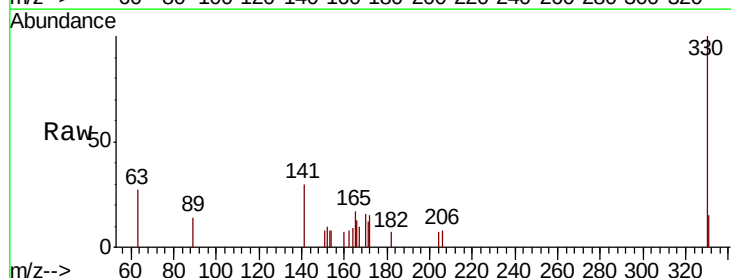
Tgt Ion:330 Resp: 1284

Ion Ratio Lower Upper

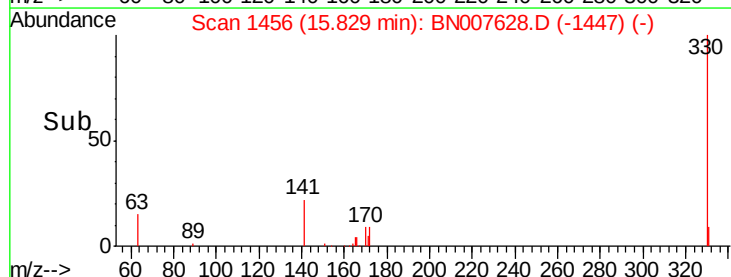
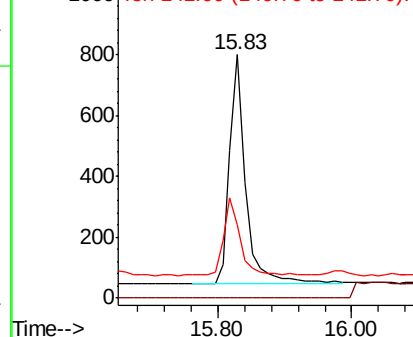
330 100

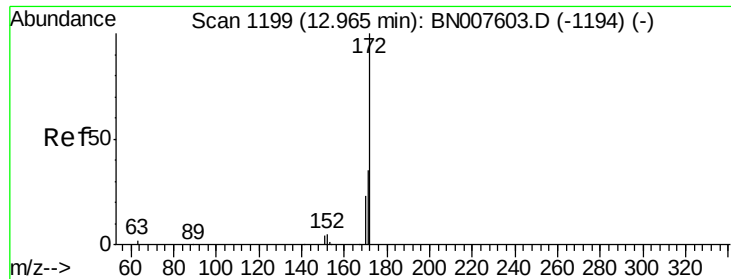
332 0.0 0.0 0.0

141 34.2 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

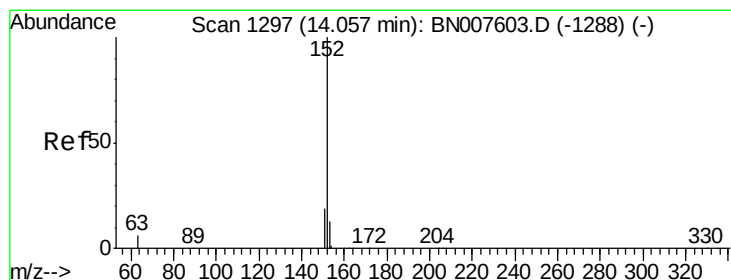
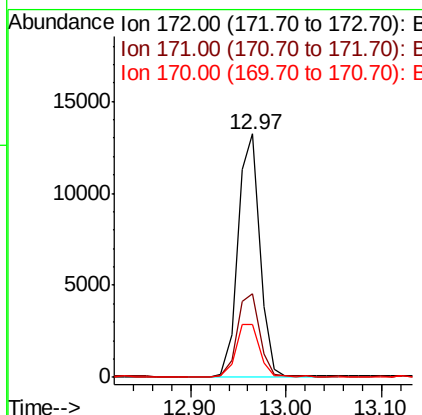
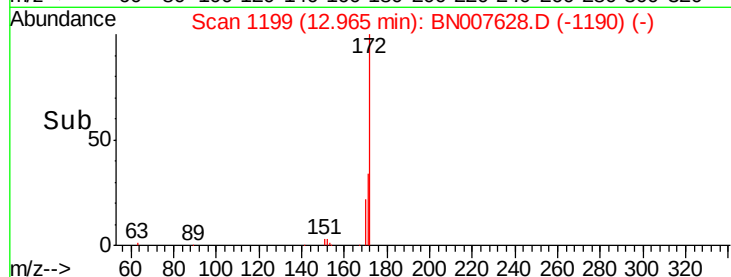
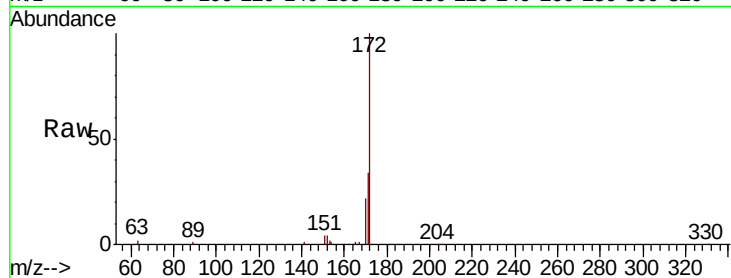




#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007628.D
Acq: 13 Sep 2019 15:51

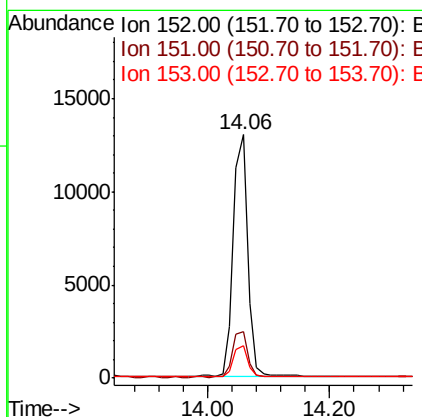
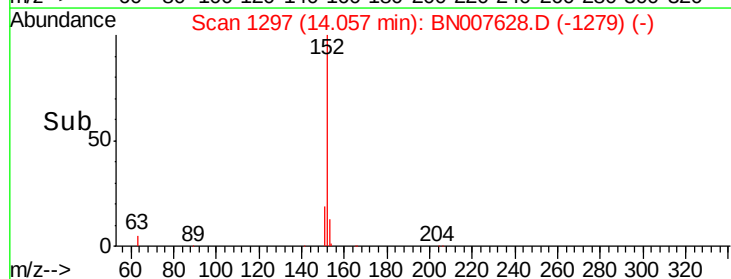
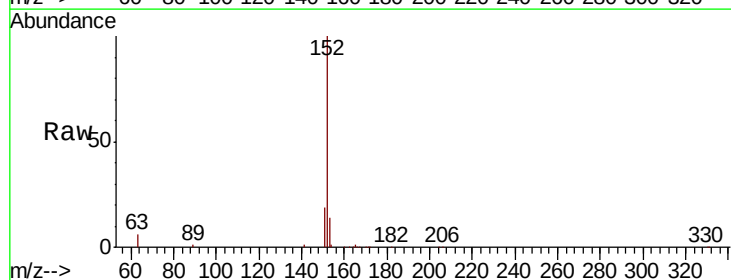
Instrument :
BNA_N
ClientSampleId :
PB123061BS

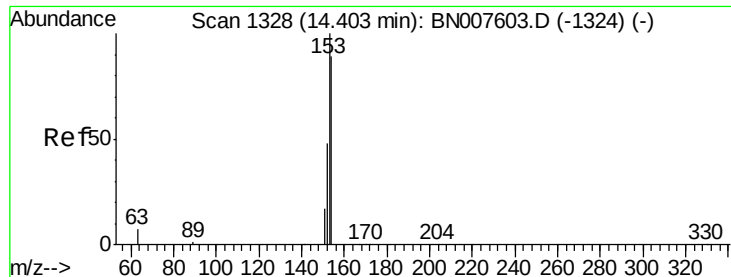
Tot Ion:172 Resp: 20820
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 21.9 18.5 27.7



#16
Acenaphthylene
Concen: 0.239 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007628.D
Acq: 13 Sep 2019 15:51

Tgt Ion:152 Resp: 21744
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.253 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

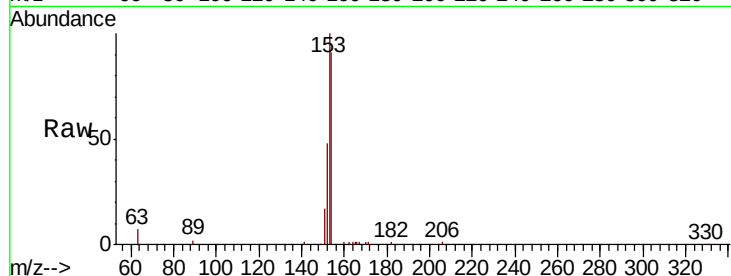
Tot Ion:154 Resp: 15028

Ion Ratio Lower Upper

154 100

153 112.7 89.8 134.8

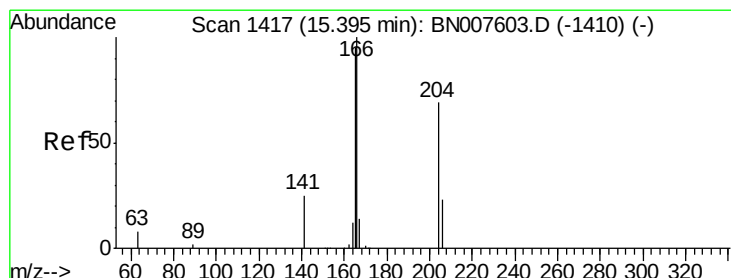
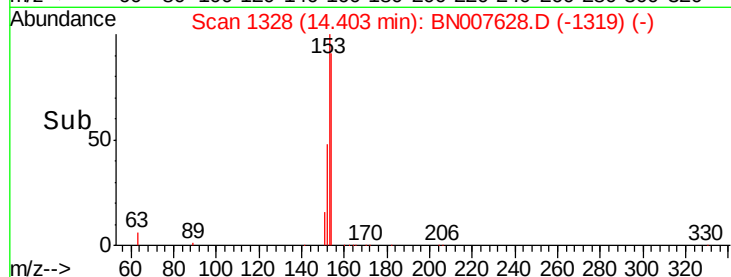
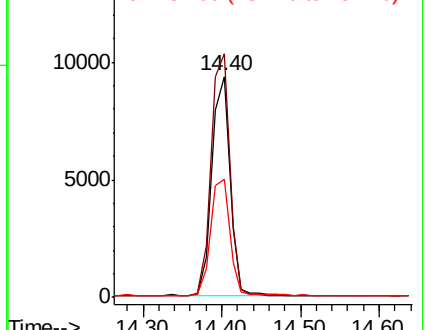
152 55.8 43.8 65.8



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: 0.244 ng

RT: 15.38 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

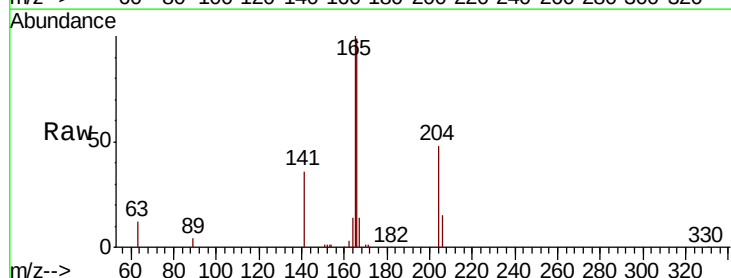
Tgt Ion:166 Resp: 18285

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.6

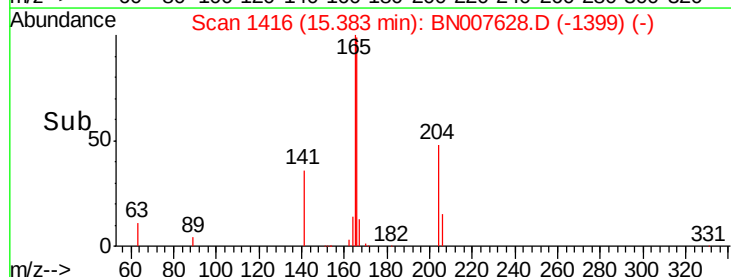
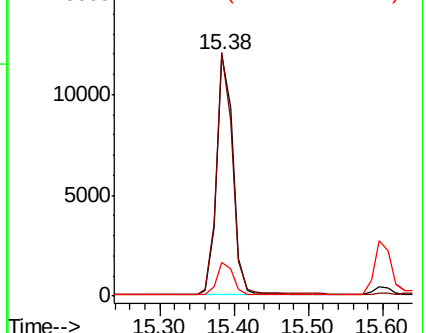
167 13.6 10.8 16.2

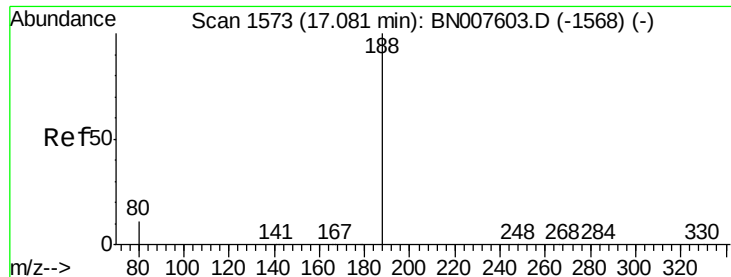


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

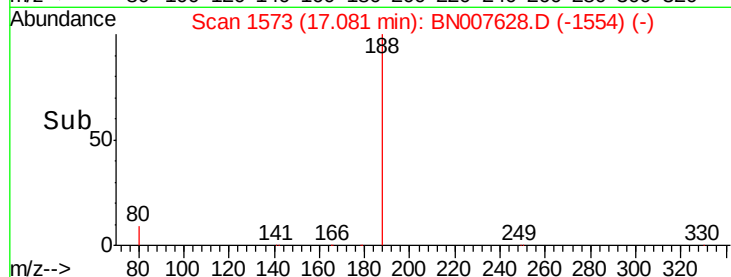
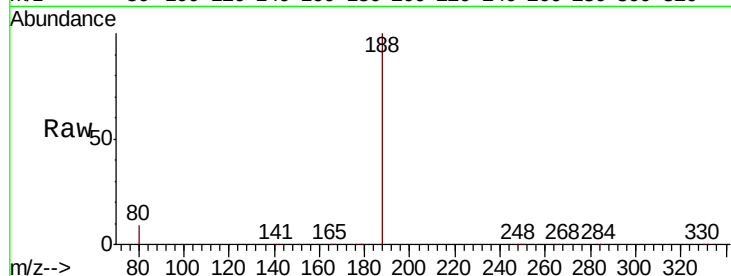
Tot Ion:188 Resp: 36937

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

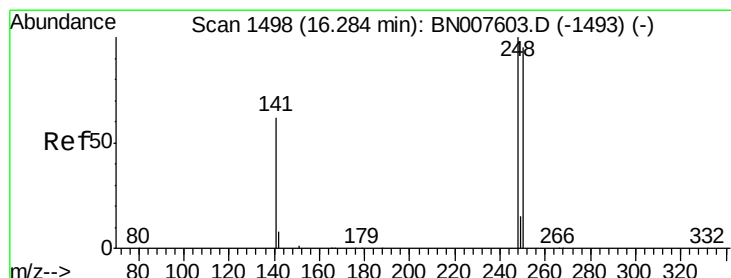
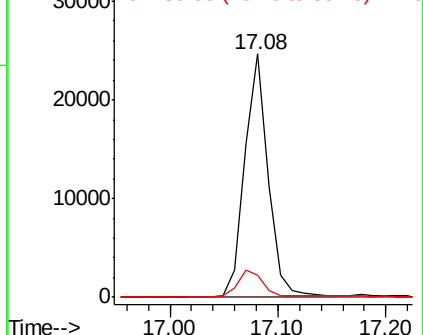
80 9.2 8.8 13.2



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: 0.249 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

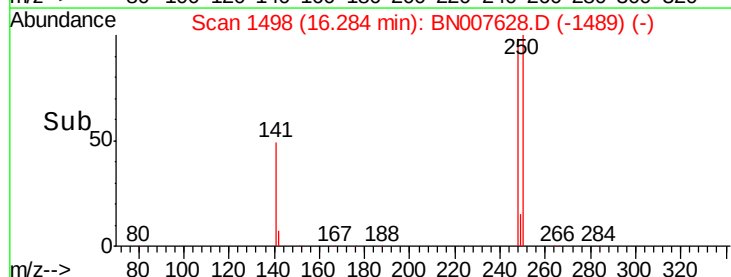
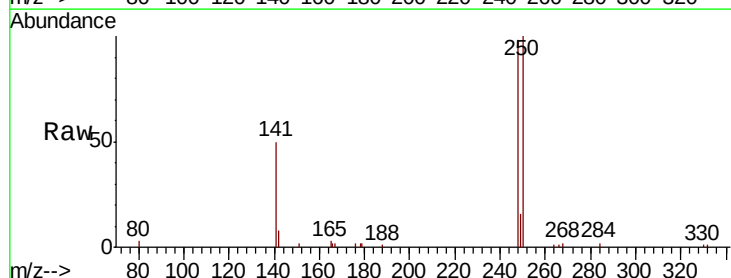
Tgt Ion:248 Resp: 5691

Ion Ratio Lower Upper

248 100

250 102.2 76.3 114.5

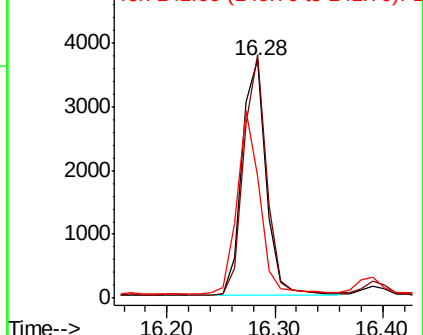
141 51.3 49.7 74.5

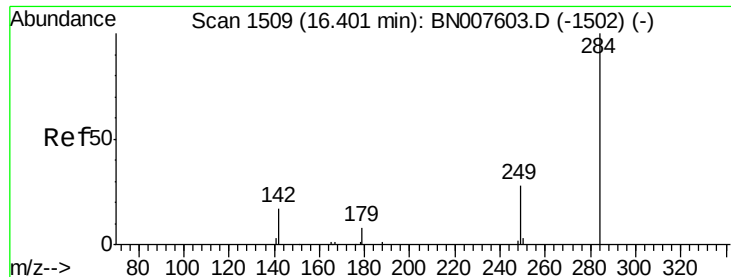


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

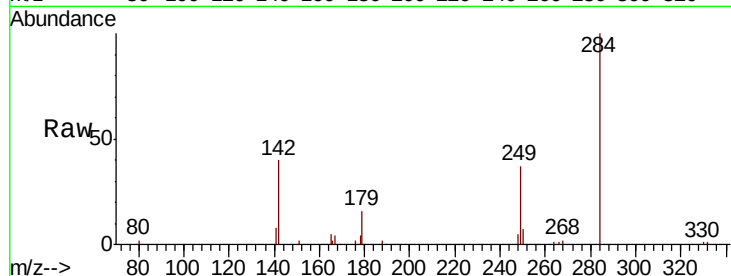




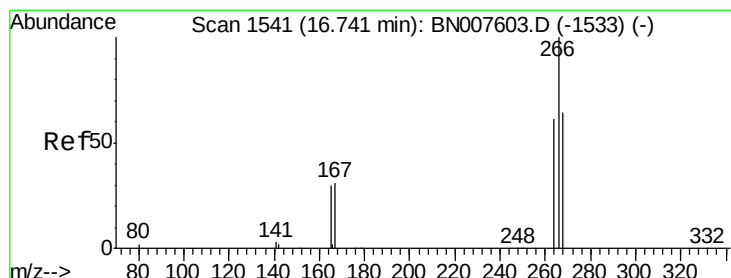
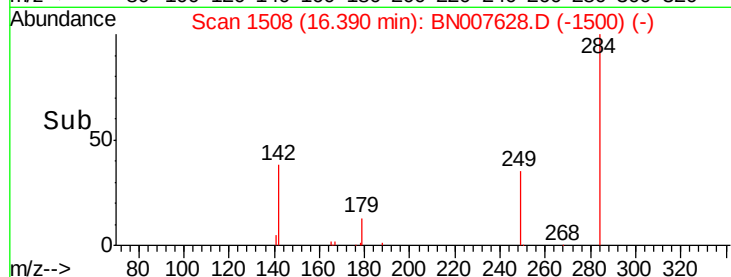
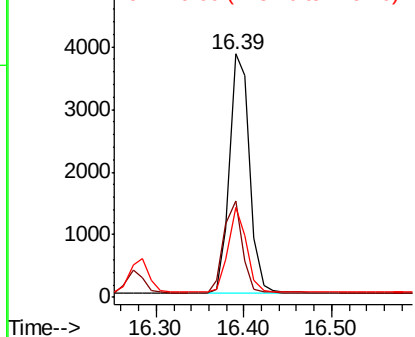
#21
Hexachlorobenzene
Concen: 0.251 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN007628.D
Acq: 13 Sep 2019 15:51

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tot Ion:284 Resp: 6133
Ion Ratio Lower Upper
284 100
142 35.5 27.8 41.6
249 31.9 25.5 38.3

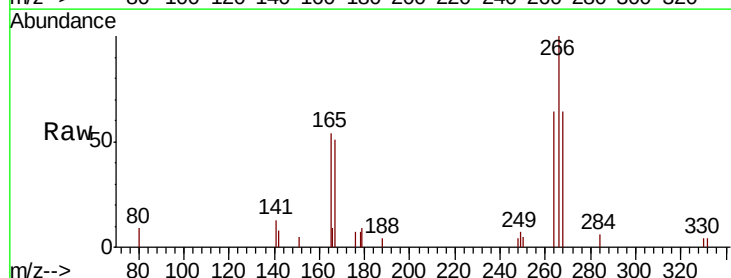


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

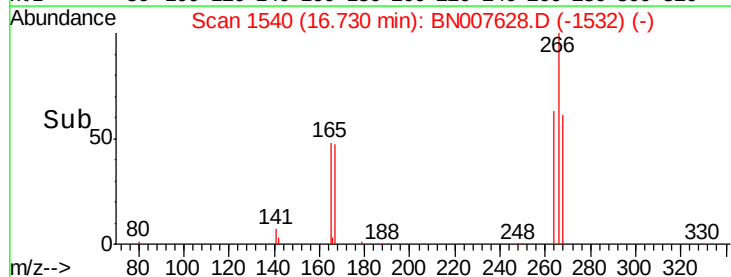
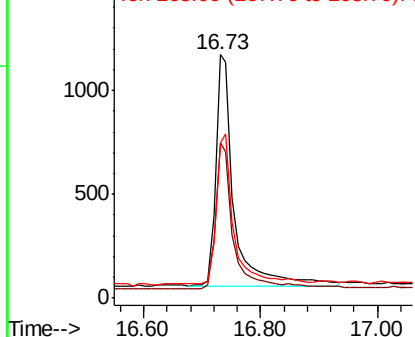


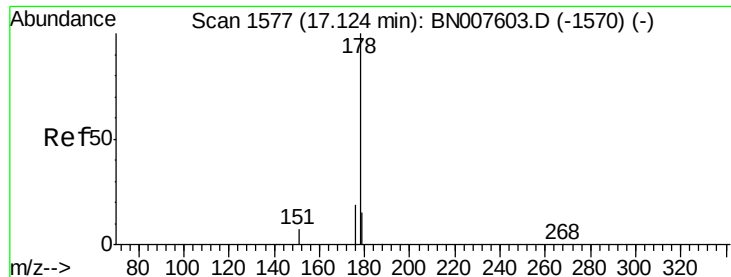
#22
Pentachlorophenol
Concen: 0.390 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BN007628.D
Acq: 13 Sep 2019 15:51

Tgt Ion:266 Resp: 2474
Ion Ratio Lower Upper
266 100
264 63.9 49.4 74.0
268 63.8 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: 0.252 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

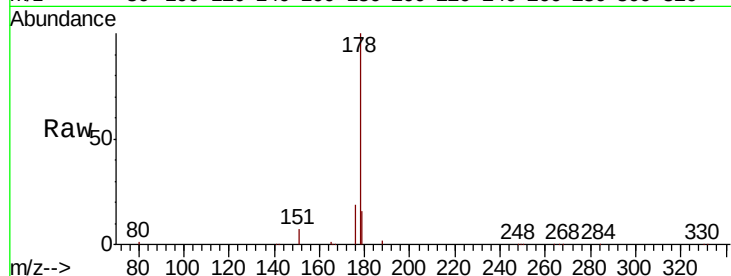
Tot Ion:178 Resp: 29406

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

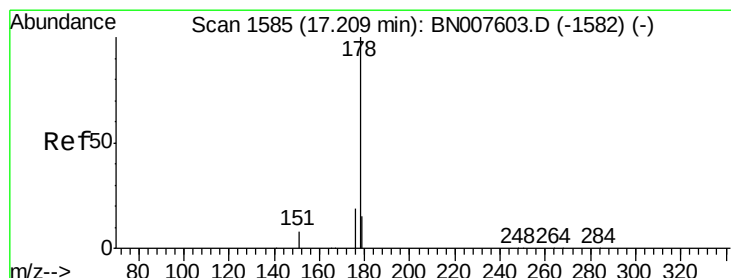
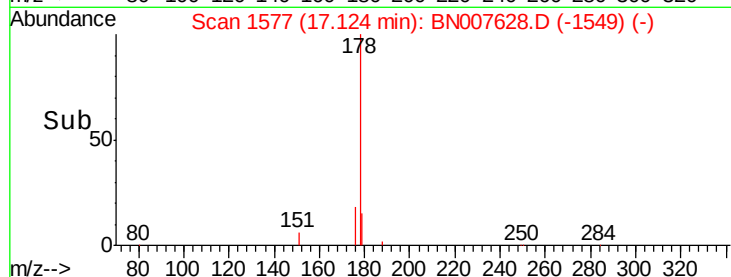
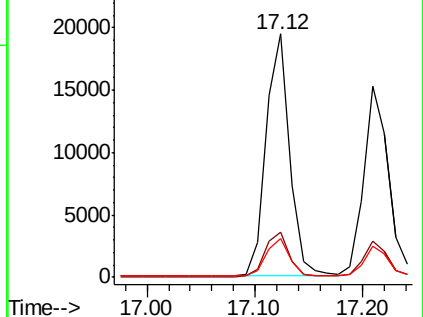
179 15.5 12.4 18.6



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: 0.239 ng

RT: 17.21 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

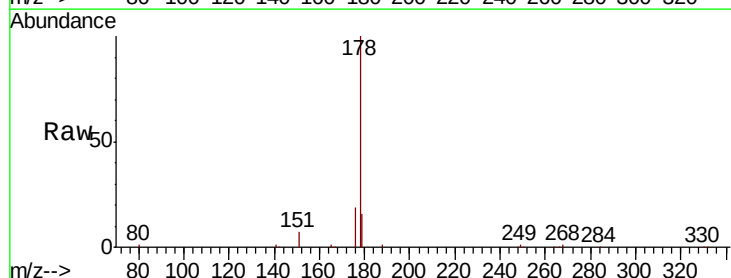
Tgt Ion:178 Resp: 24668

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

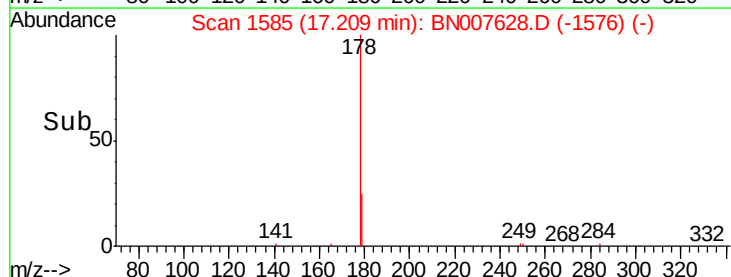
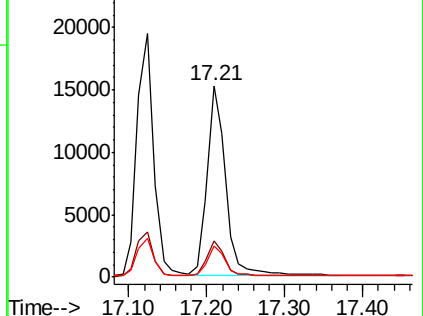
179 15.3 12.4 18.6

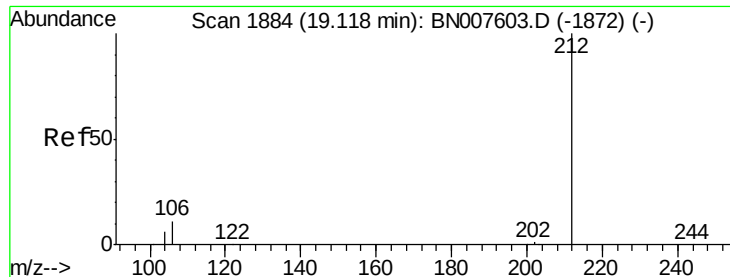


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.243 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

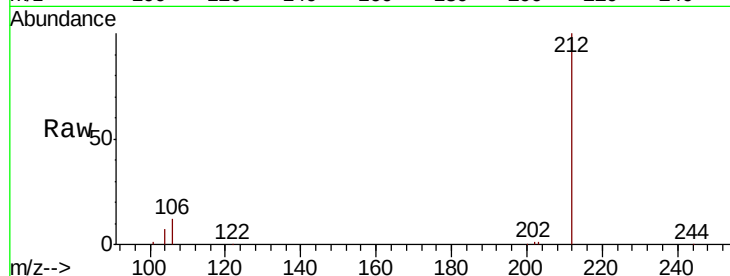
Tot Ion:212 Resp: 28345

Ion Ratio Lower Upper

212 100

106 12.0 9.6 14.4

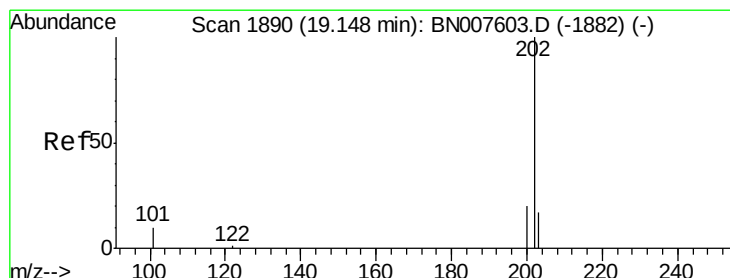
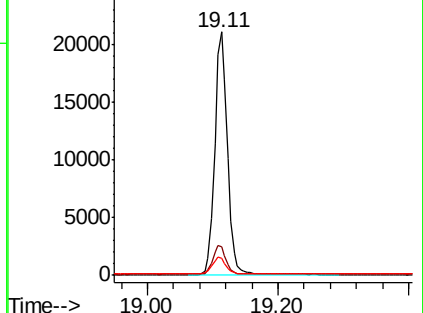
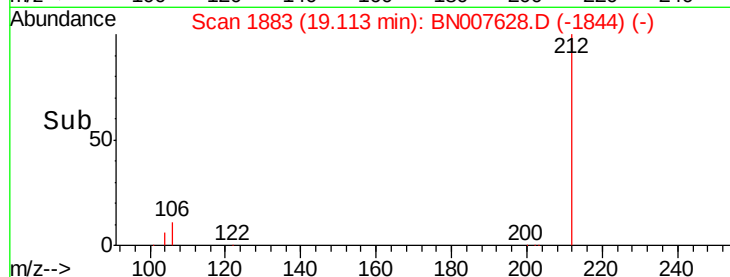
104 7.0 5.4 8.0



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: 0.232 ng

RT: 19.14 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

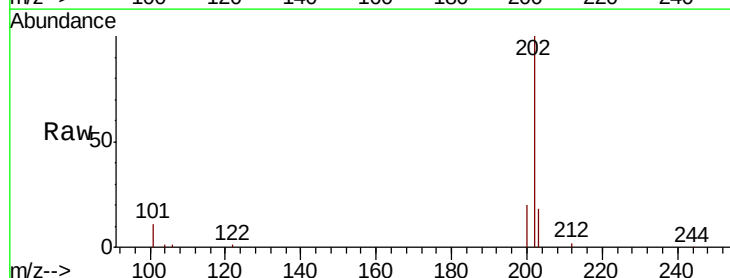
Tgt Ion:202 Resp: 31580

Ion Ratio Lower Upper

202 100

101 11.1 8.6 13.0

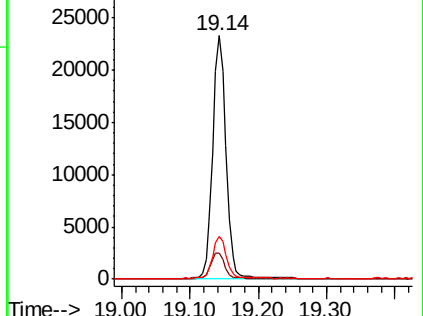
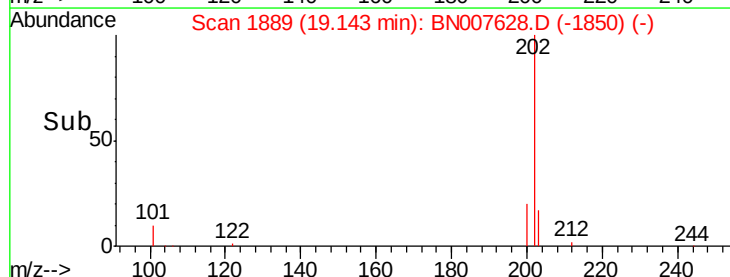
203 17.2 13.8 20.6

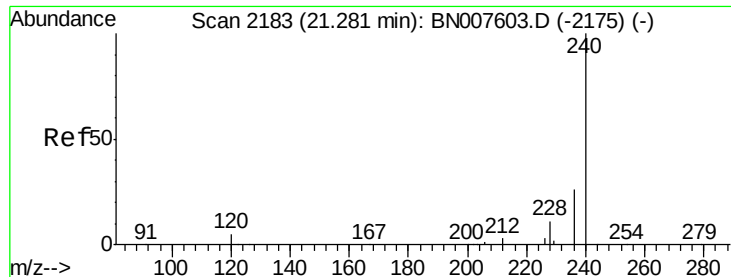


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

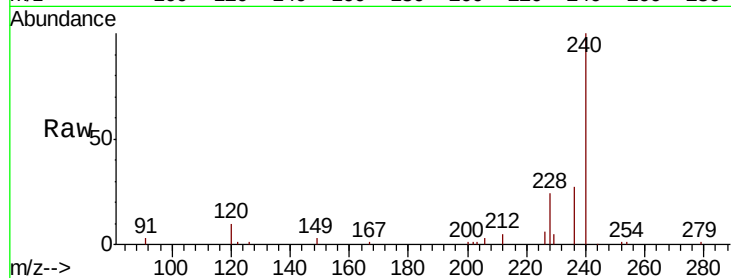
Tot Ion:240 Resp: 31788

Ion Ratio Lower Upper

240 100

120 10.5 4.3 6.5#

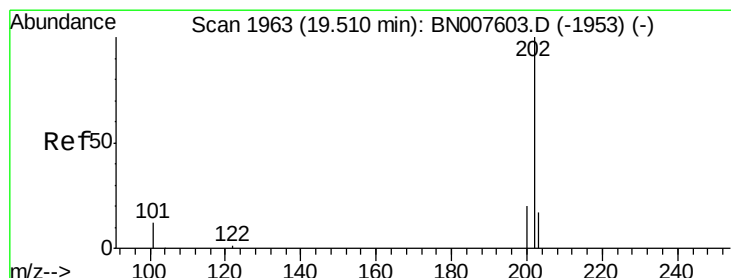
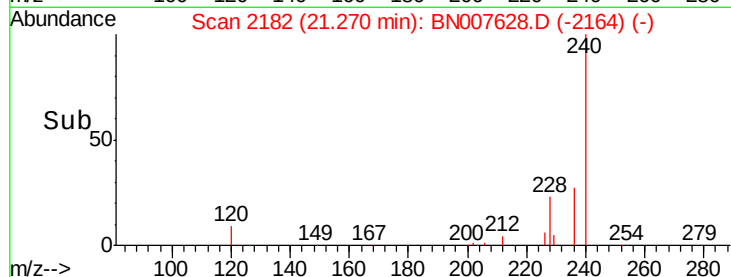
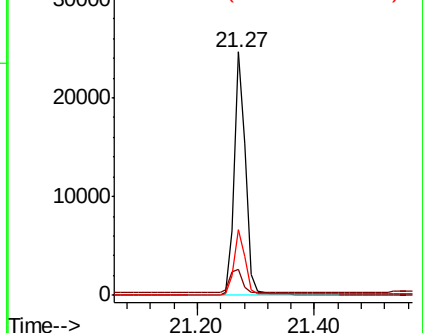
236 26.9 20.8 31.2



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: 0.271 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

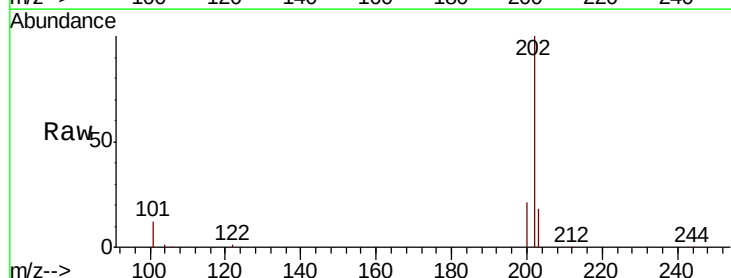
Tgt Ion:202 Resp: 31337

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

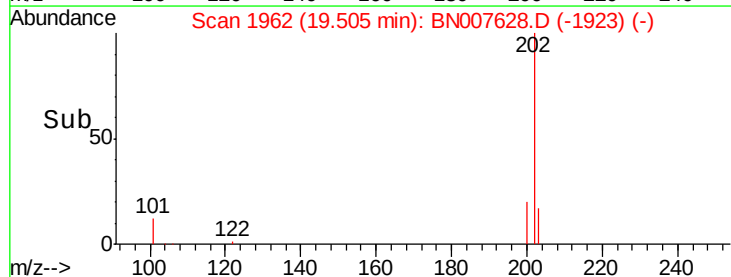
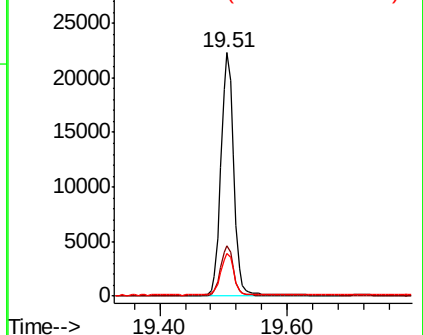
203 18.0 14.0 21.0

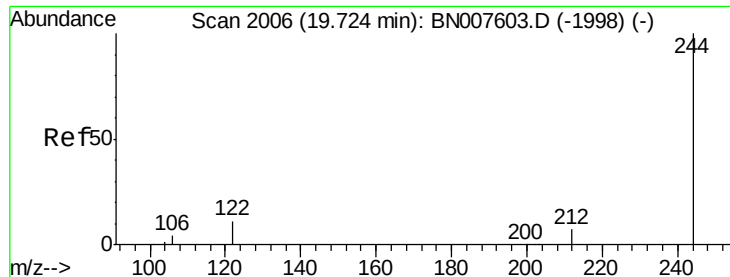


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.342 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

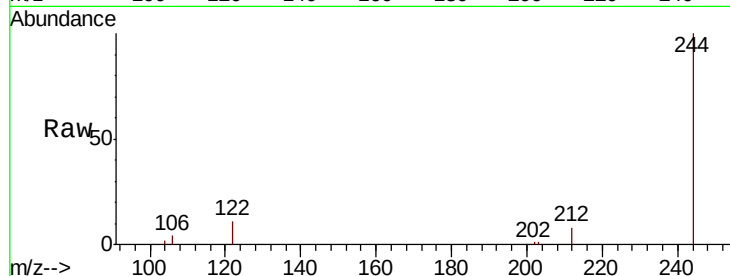
Tot Ion:244 Resp: 28637

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

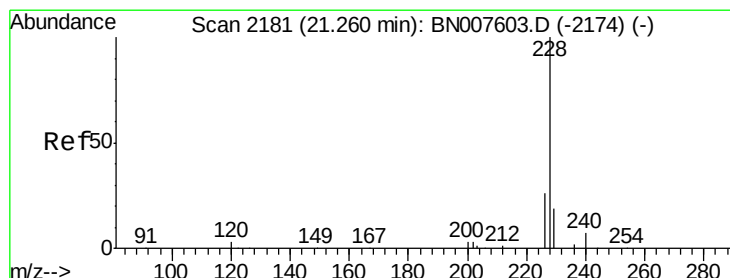
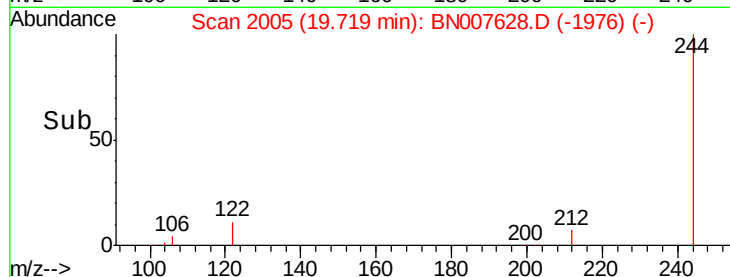
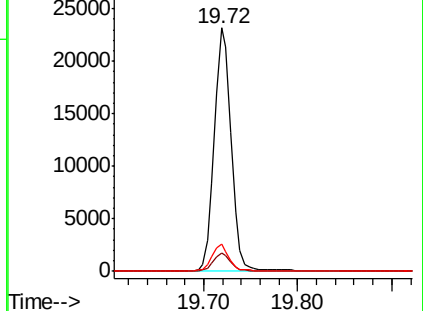
122 11.1 8.6 12.8



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: 0.235 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

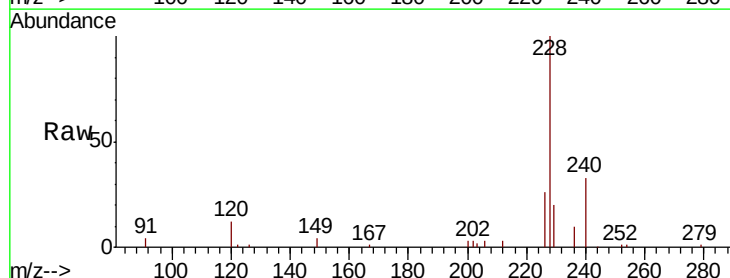
Tgt Ion:228 Resp: 26535

Ion Ratio Lower Upper

228 100

226 26.0 21.2 31.8

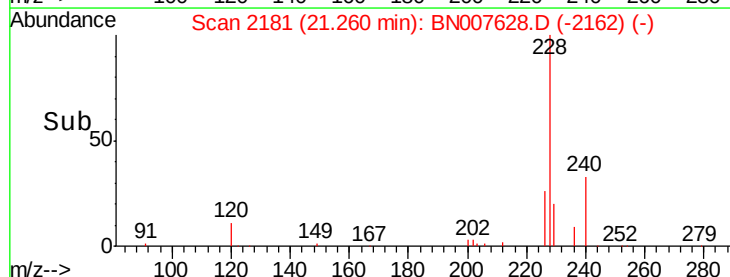
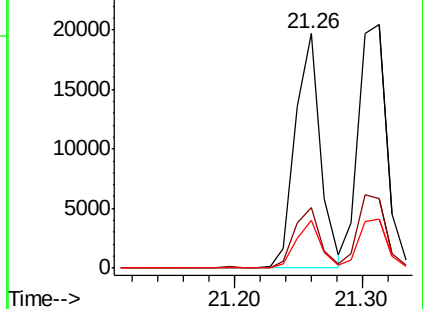
229 20.3 15.5 23.3

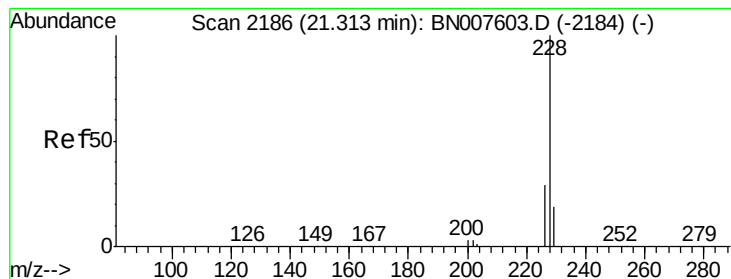


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.265 ng

RT: 21.31 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

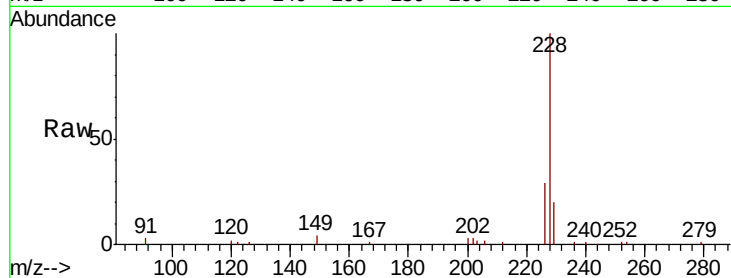
Tot Ion:228 Resp: 31049

Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.2

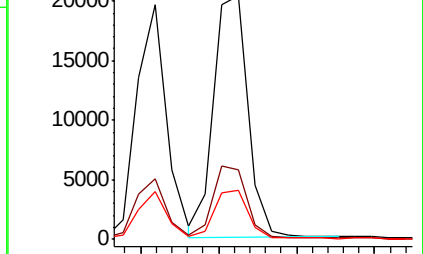
229 20.2 15.5 23.3



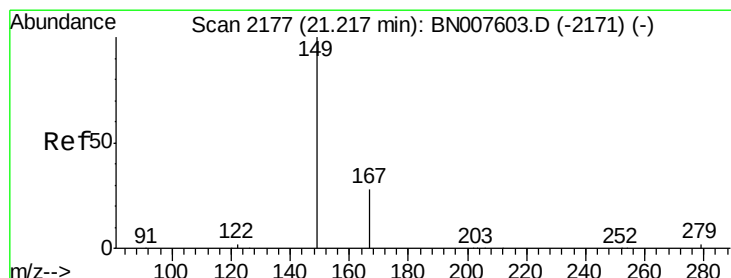
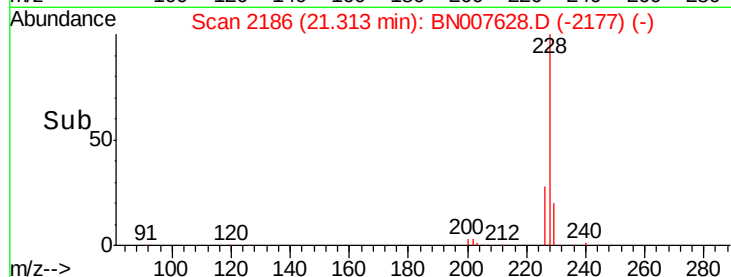
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.200 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

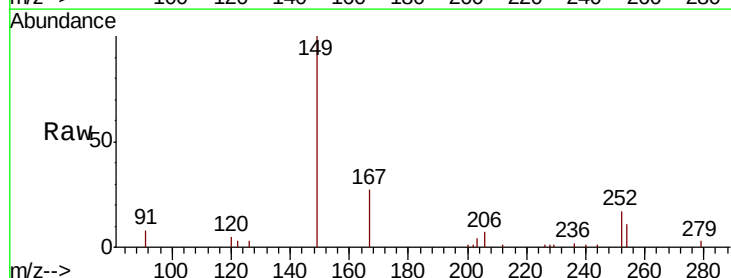
Tgt Ion:149 Resp: 7660

Ion Ratio Lower Upper

149 100

167 27.6 22.6 34.0

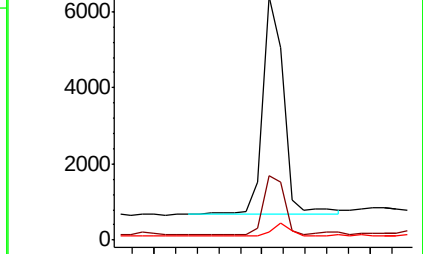
279 5.0 3.8 5.6



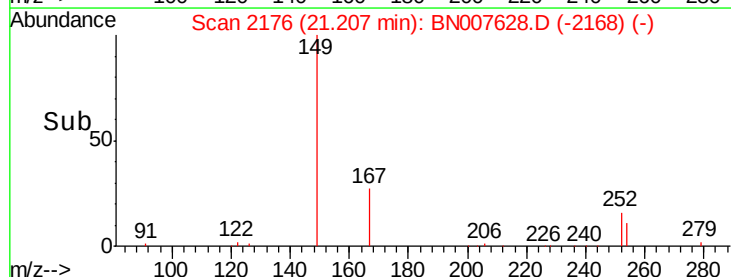
Abundance Ion 149.00 (148.70 to 149.70): E

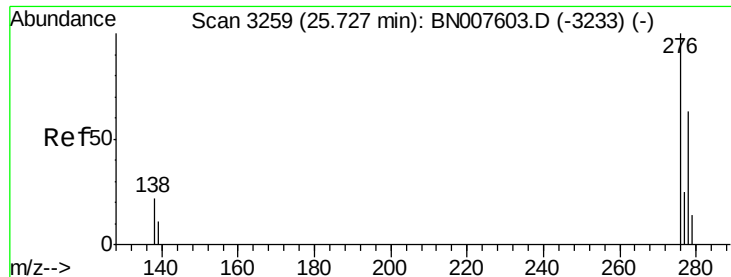
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.258 ng

RT: 25.71 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

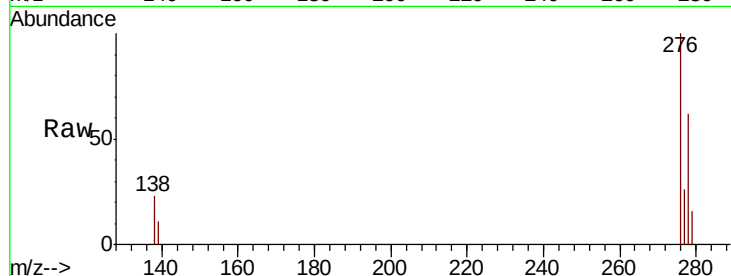
Tot Ion:276 Resp: 32269

Ion Ratio Lower Upper

276 100

138 23.0 18.2 27.4

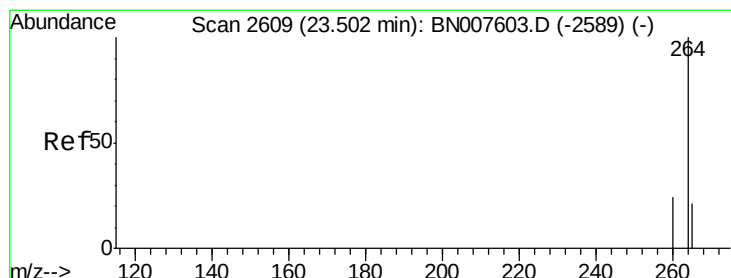
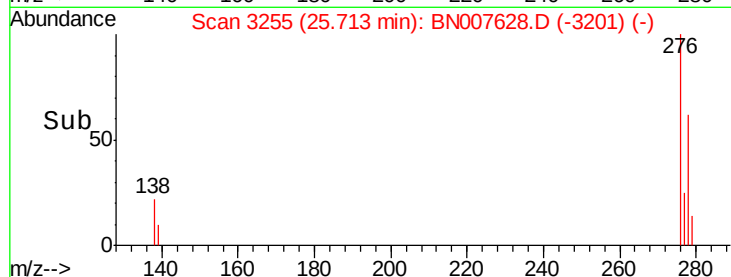
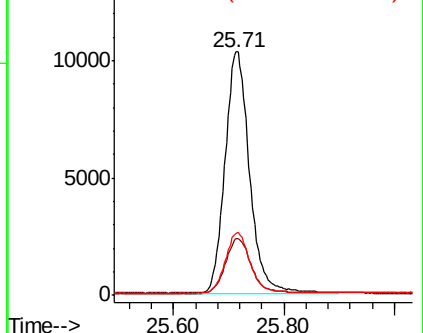
277 25.0 20.1 30.1



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: BN007628.D

Acq: 13 Sep 2019 15:51

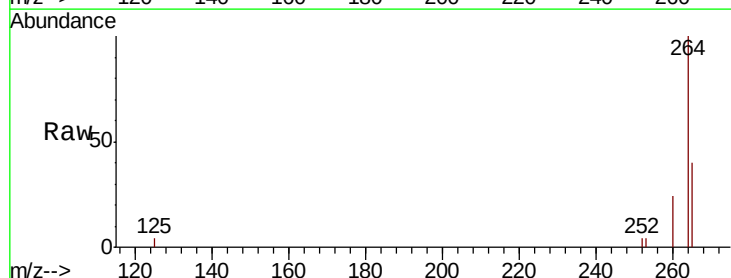
Tgt Ion:264 Resp: 29148

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

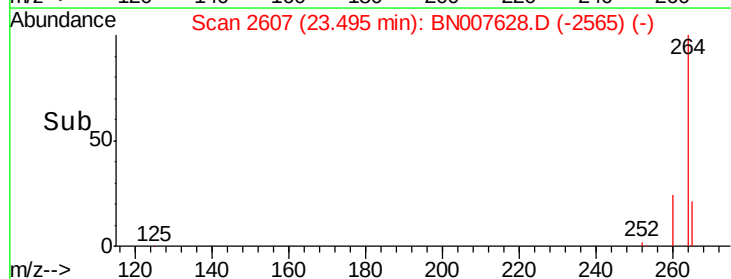
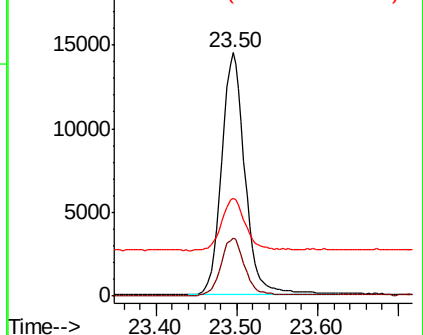
265 40.3 24.6 37.0#

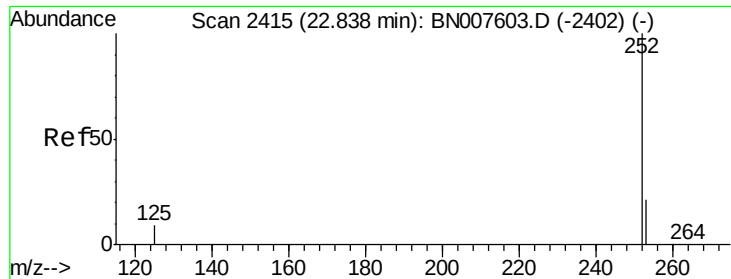


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

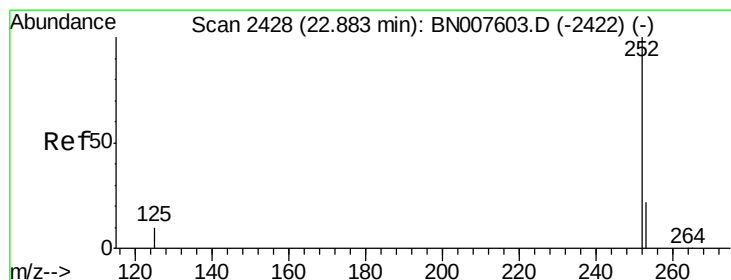
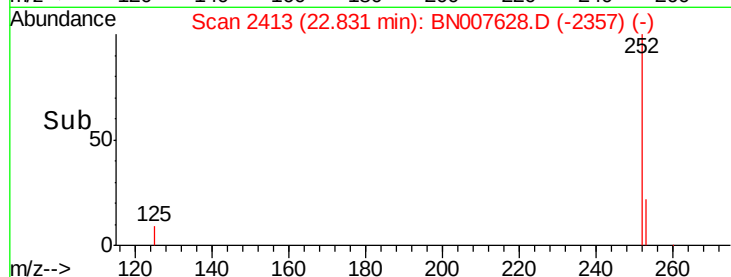
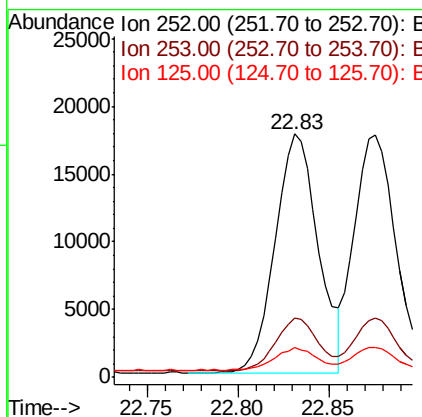
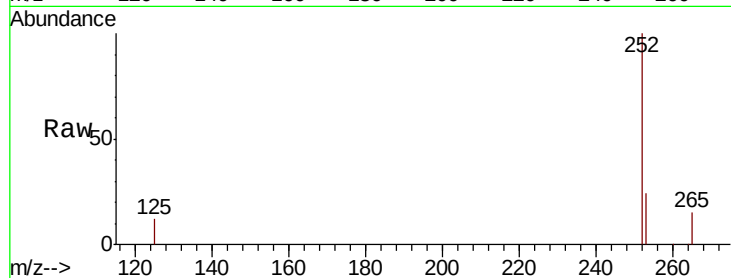




#35
Benzo(b)fluoranthene
Concen: 0.275 ng
RT: 22.83 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BN007628.D
Acq: 13 Sep 2019 15:51

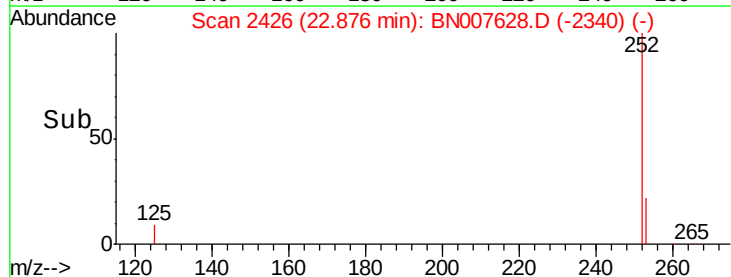
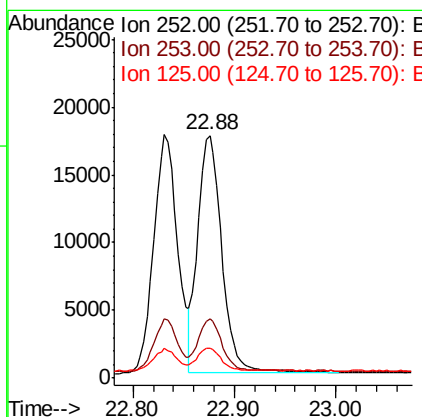
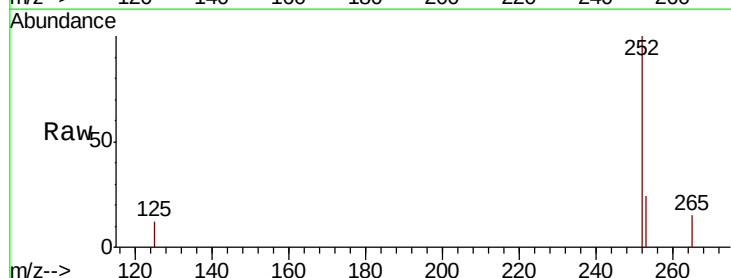
Instrument :
BNA_N
ClientSampleId :
PB123061BS

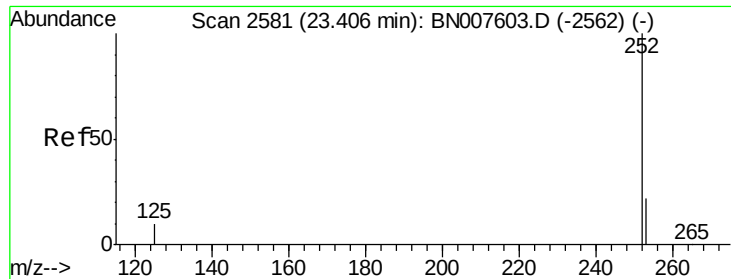
Tot Ion:252 Resp: 29061
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 12.1 8.0 12.0#



#36
Benzo(k)fluoranthene
Concen: 0.265 ng
RT: 22.88 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BN007628.D
Acq: 13 Sep 2019 15:51

Tgt Ion:252 Resp: 28749
Ion Ratio Lower Upper
252 100
253 24.3 18.3 27.5
125 12.1 8.9 13.3





#37

Benzo(a)pyrene

Concen: 0.260 ng

RT: 23.40 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

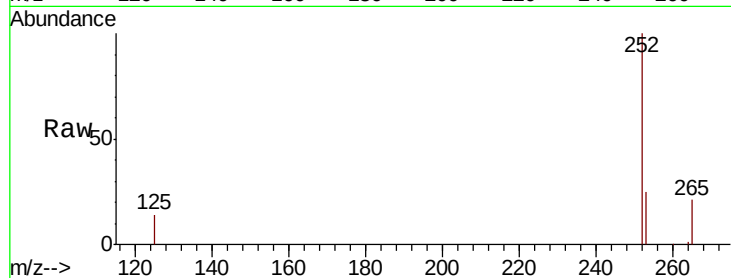
Tot Ion:252 Resp: 24445

Ion Ratio Lower Upper

252 100

253 25.1 18.3 27.5

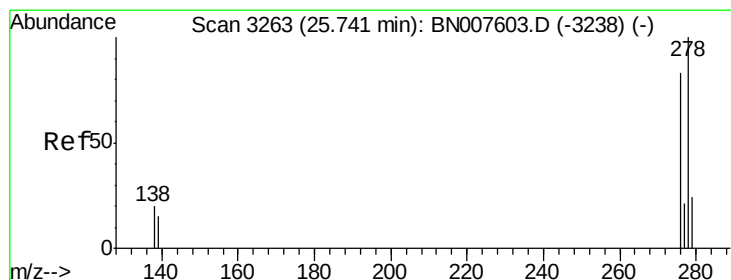
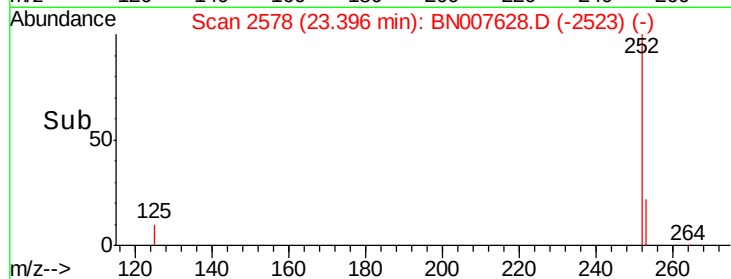
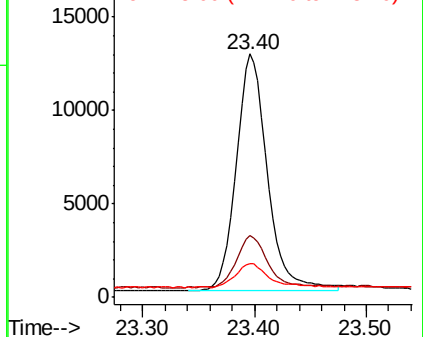
125 13.6 8.9 13.3#



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: 0.274 ng

RT: 25.73 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

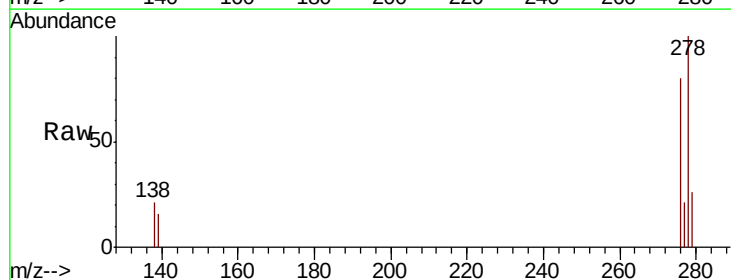
Tgt Ion:278 Resp: 26983

Ion Ratio Lower Upper

278 100

139 15.7 12.6 18.8

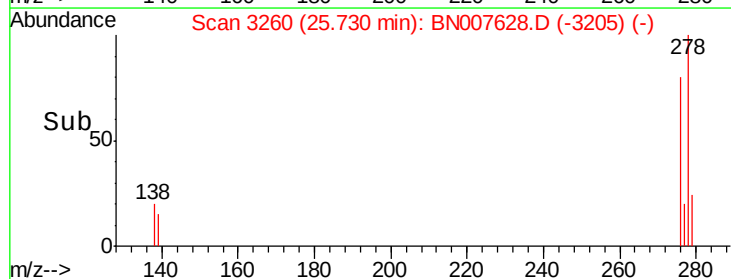
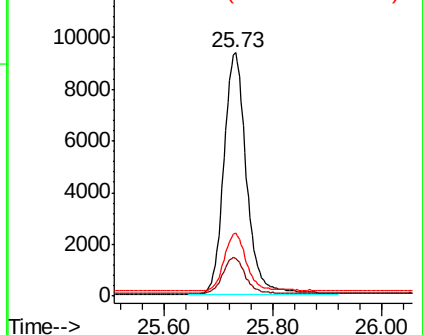
279 25.9 19.6 29.4

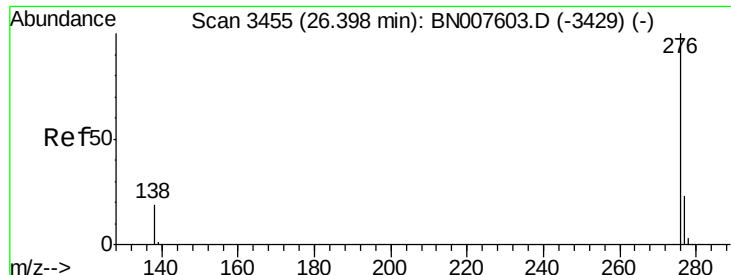


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.299 ng

RT: 26.38 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BN007628.D

Acq: 13 Sep 2019 15:51

Instrument :

BNA_N

ClientSampleId :

PB123061BS

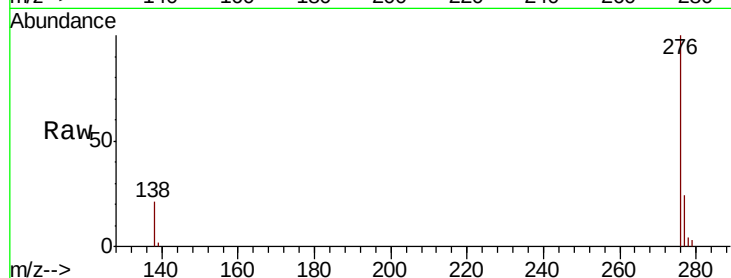
Tot Ion: 276 Resp: 29064

Ion Ratio Lower Upper

276 100

277 23.8 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

