

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091219\
 Data File : BN007612.D
 Acq On : 12 Sep 2019 17:55
 Operator : HP/JU
 Sample : PB122692BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BS

Quant Time: Sep 13 02:16:57 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	7.73	152	8136	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	31509	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	17595	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	36335	0.40	ng	0.00
27) Chrysene-d12	21.27	240	36118	0.40	ng	0.00
34) Perylene-d12	23.50	264	36586	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	9143	0.35	ng	0.00
5) Phenol-d6	6.89	99	11574	0.37	ng	0.00
8) Nitrobenzene-d5	8.86	82	9925	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	22303	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2028	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	30833	0.40	ng	0.00
25) Fluoranthene-d10	19.11	212	47539	0.41	ng	0.00
29) Terphenyl-d14	19.72	244	40092	0.42	ng	0.00

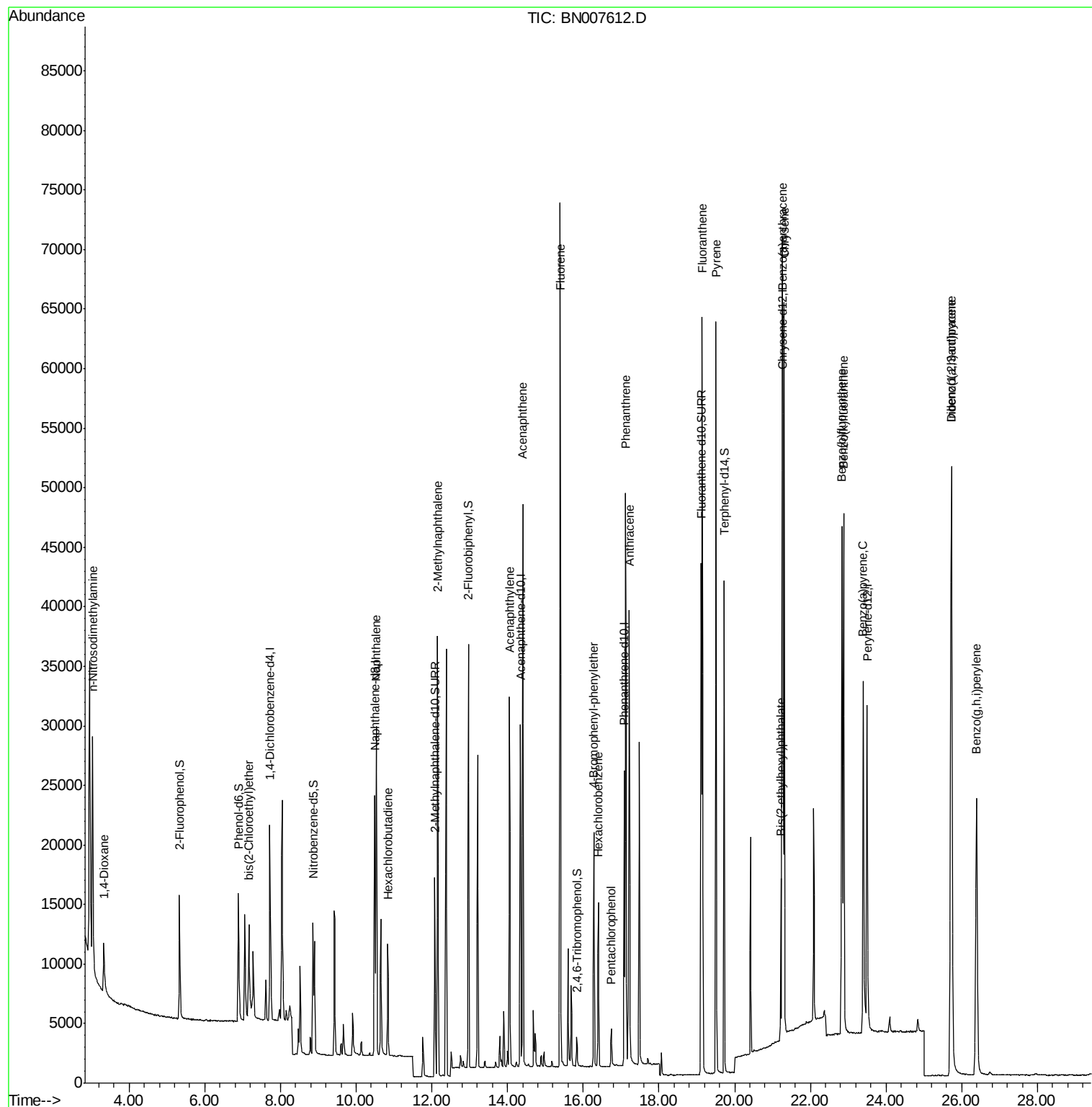
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	3679	0.377	ng	97
3) n-Nitrosodimethylamine	3.03	42	3030	0.685	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	8709	0.365	ng	96
9) Naphthalene	10.53	128	38236	0.424	ng	99
10) Hexachlorobutadiene	10.84	225	7688	0.422	ng	# 100
12) 2-Methylnaphthalene	12.15	142	25404	0.419	ng	99
16) Acenaphthylene	14.05	152	33907	0.370	ng	99
17) Acenaphthene	14.40	154	23373	0.392	ng	99
18) Fluorene	15.39	166	29522	0.392	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	9486	0.422	ng	92
21) Hexachlorobenzene	16.40	284	10404	0.433	ng	99
22) Pentachlorophenol	16.74	266	1998	0.320	ng	98
23) Phenanthrene	17.12	178	48602	0.424	ng	100
24) Anthracene	17.22	178	41142	0.405	ng	100
26) Fluoranthene	19.14	202	56052	0.419	ng	100
28) Pyrene	19.51	202	55432	0.422	ng	100
30) Benzo(a)anthracene	21.26	228	49852	0.389	ng	99
31) Chrysene	21.30	228	56905	0.427	ng	99
32) Bis(2-ethylhexyl)phthalate	21.21	149	14638	0.337	ng	99
33) Indeno(1,2,3-cd)pyrene	25.72	276	61135	0.430	ng	100
35) Benzo(b)fluoranthene	22.83	252	52494	0.395	ng	99
36) Benzo(k)fluoranthene	22.88	252	55955	0.412	ng	98
37) Benzo(a)pyrene	23.40	252	45456	0.385	ng	98
38) Dibenzo(a,h)anthracene	25.73	278	50693	0.411	ng	100
39) Benzo(g,h,i)perylene	26.39	276	49339	0.404	ng	99

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

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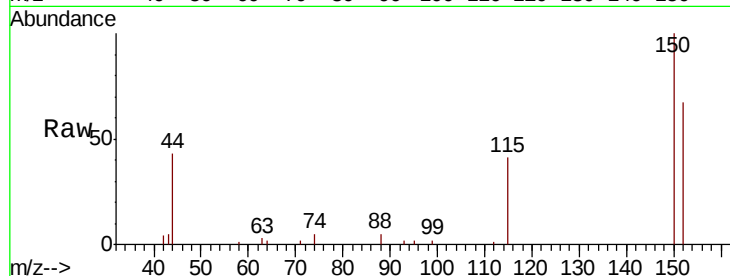


#1

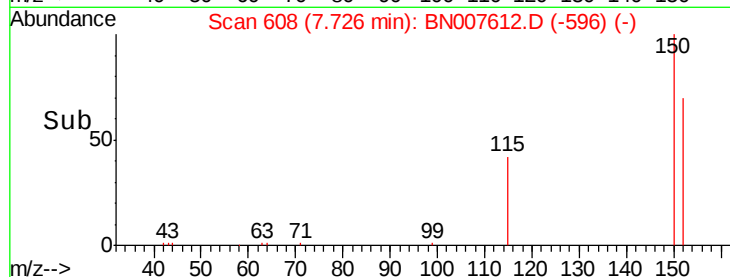
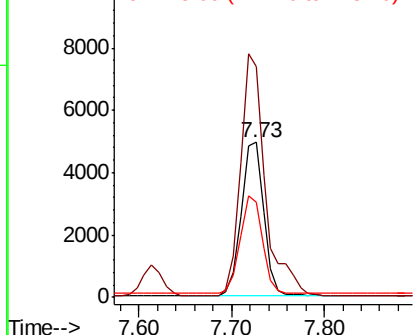
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. 0.00 min
Lab File: BN007612.D
Acq: 12 Sep 2019 17:55

Instrument :
BNA_N
ClientSampleId :
PB122692BS

Tot Ion:152 Resp: 8136
Ion Ratio Lower Upper
152 100
150 149.0 122.4 183.6
115 61.4 50.4 75.6



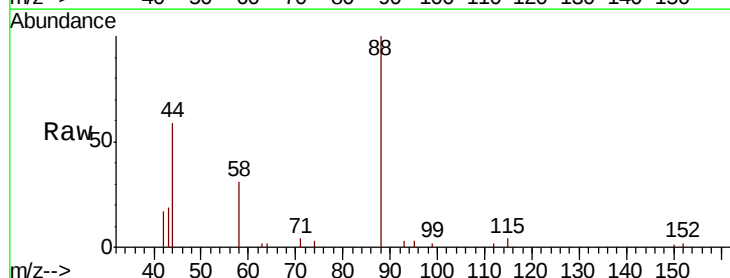
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



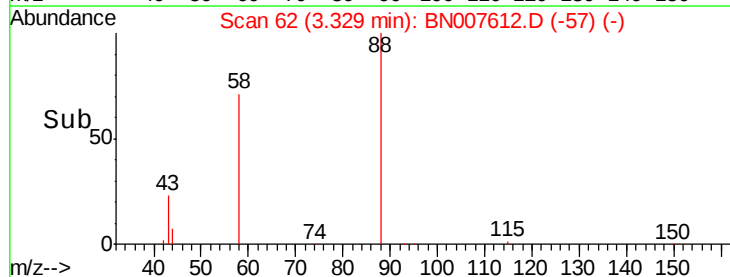
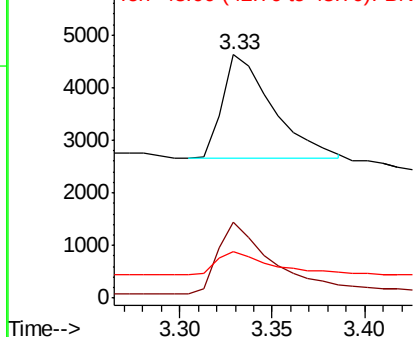
#2

1,4-Dioxane
Concen: 0.377 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007612.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 88 Resp: 3679
Ion Ratio Lower Upper
88 100
58 74.5 57.0 85.4
43 24.7 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



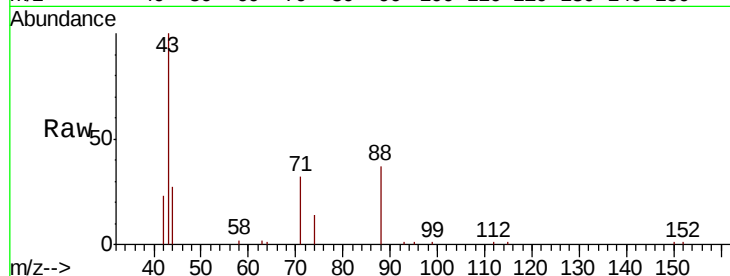


#3

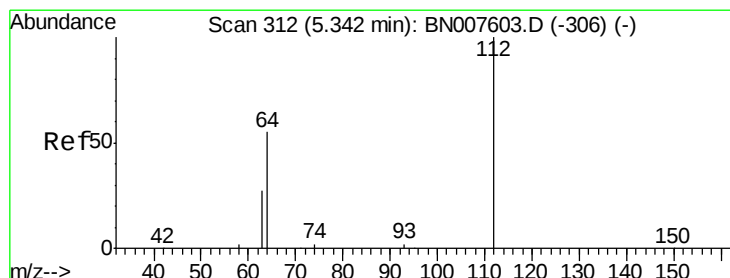
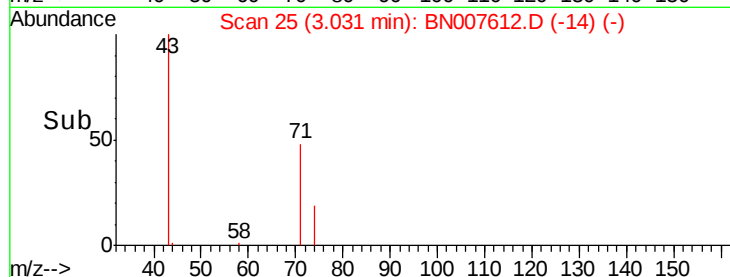
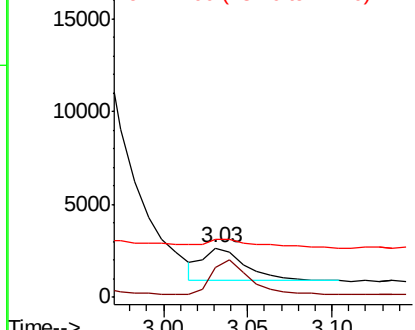
n-Nitrosodimethylamine
 Concen: 0.685 ng
 RT: 3.03 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BN007612.D
 Acq: 12 Sep 2019 17:55

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BS

Tot Ion: 42 Resp: 3030
 Ion Ratio Lower Upper
 42 100
 74 93.1 9.8 14.8#
 44 36.3 0.0 0.0#



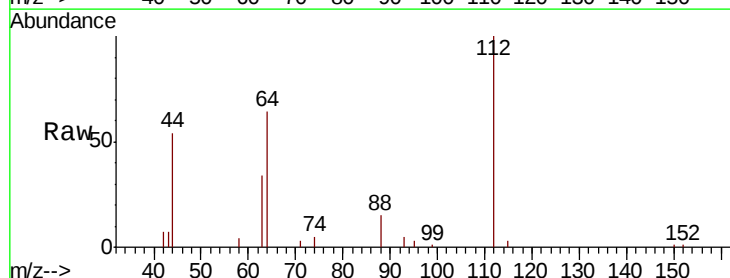
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



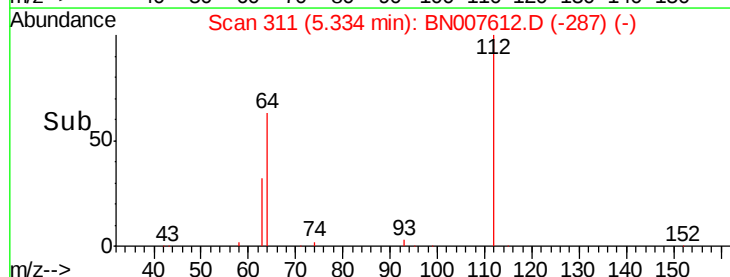
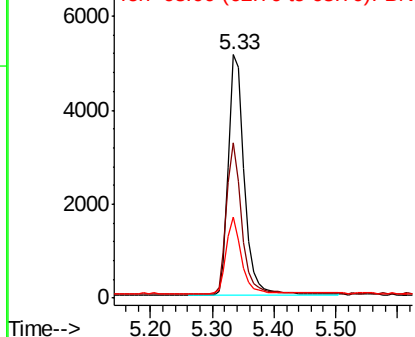
#4

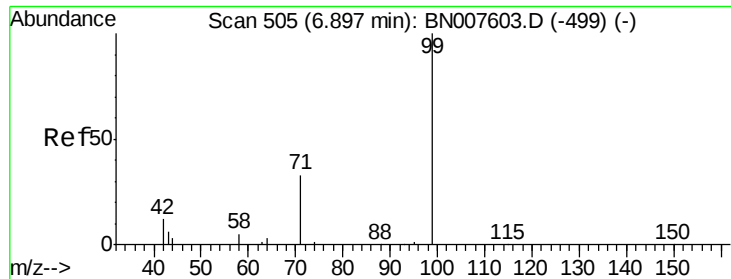
2-Fluorophenol
 Concen: 0.351 ng
 RT: 5.33 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: BN007612.D
 Acq: 12 Sep 2019 17:55

Tgt Ion: 112 Resp: 9143
 Ion Ratio Lower Upper
 112 100
 64 59.7 48.5 72.7
 63 30.1 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: 0.365 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

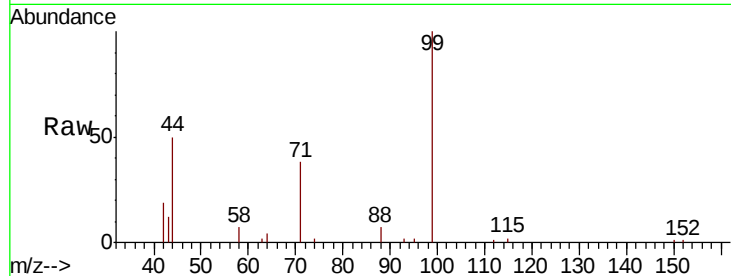
Tot Ion: 99 Resp: 11574

Ion Ratio Lower Upper

99 100

42 14.9 11.8 17.6

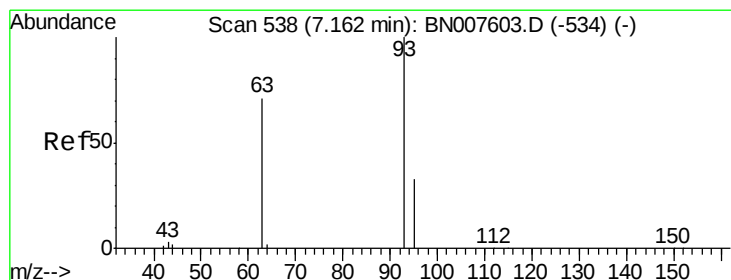
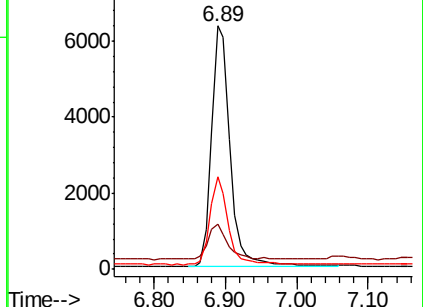
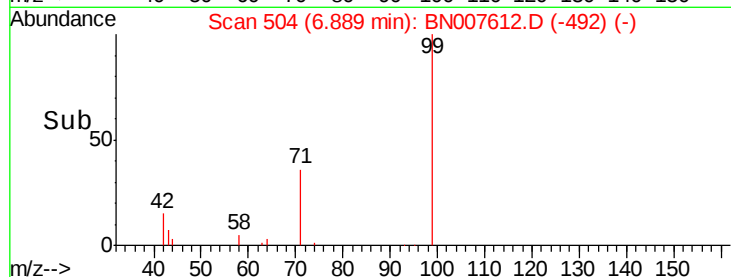
71 35.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007612.D (-513) (-)

Ion 42.00 (41.70 to 42.70): BN007612.D (-513) (-)

Ion 71.00 (70.70 to 71.70): BN007612.D (-513) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.365 ng

RT: 7.16 min Scan# 538

Delta R.T. 0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

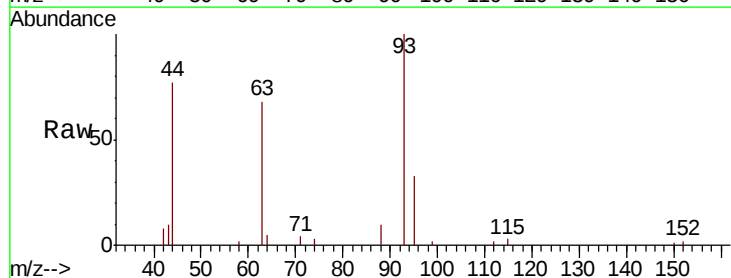
Tgt Ion: 93 Resp: 8709

Ion Ratio Lower Upper

93 100

63 77.3 61.2 91.8

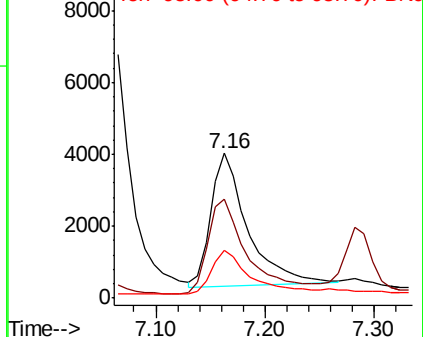
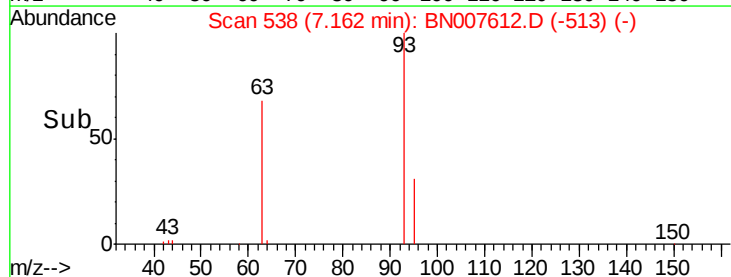
95 39.3 27.2 40.8

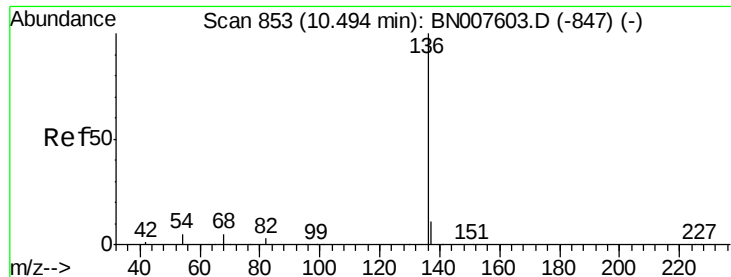


Abundance Ion 93.00 (92.70 to 93.70): BN007612.D (-513) (-)

Ion 63.00 (62.70 to 63.70): BN007612.D (-513) (-)

Ion 95.00 (94.70 to 95.70): BN007612.D (-513) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

Tot Ion:136 Resp: 31509

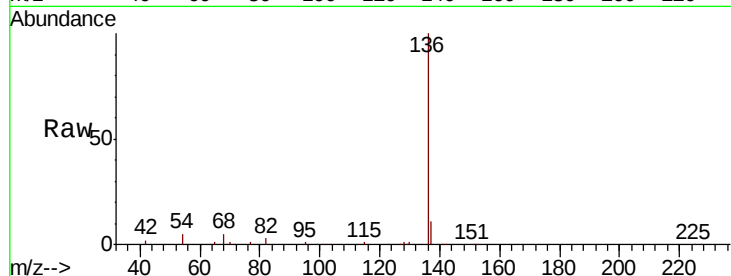
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 4.7 4.2 6.4

68 5.2 4.6 7.0

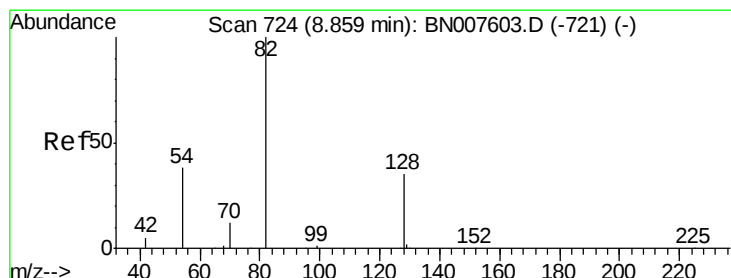
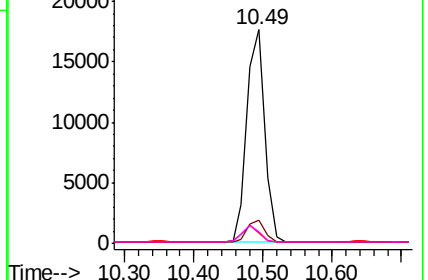
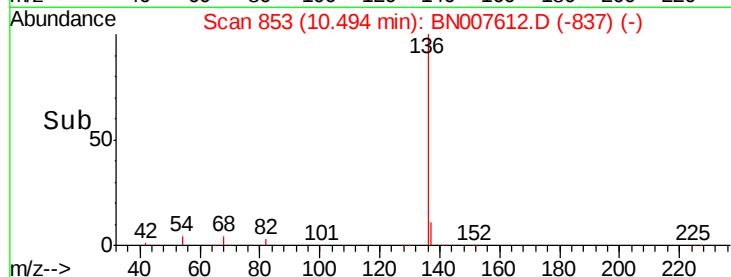


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

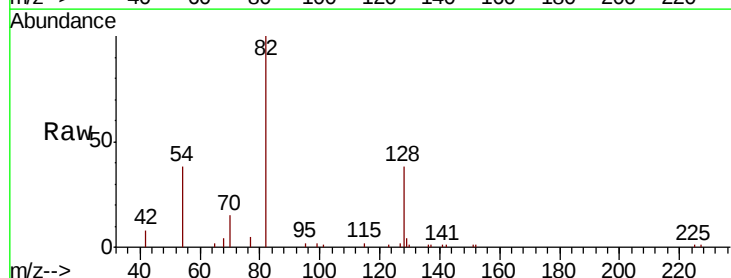
Tgt Ion: 82 Resp: 9925

Ion Ratio Lower Upper

82 100

128 38.1 27.9 41.9

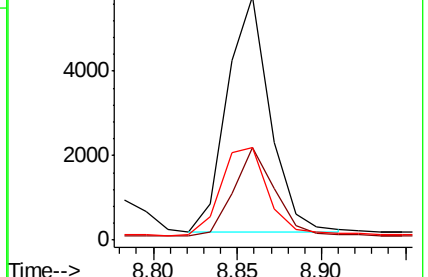
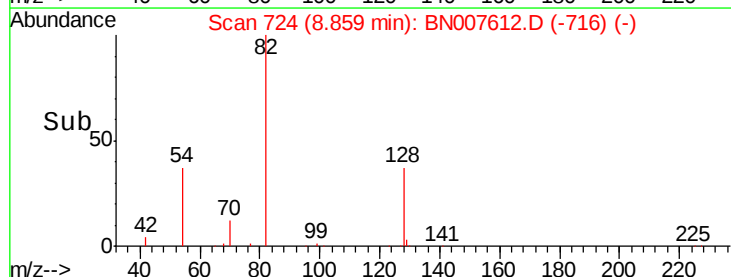
54 37.9 30.9 46.3

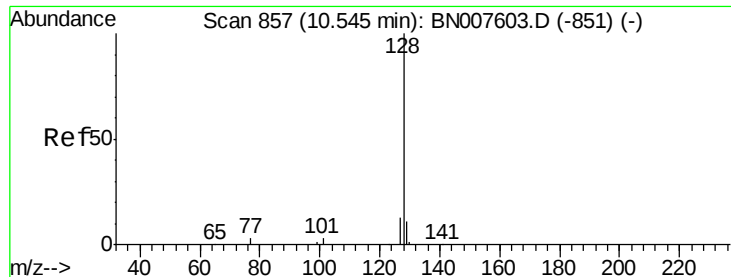


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.424 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

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PB122692BS

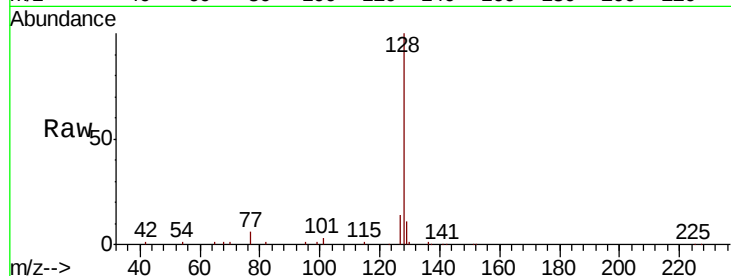
Tot Ion:128 Resp: 38236

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

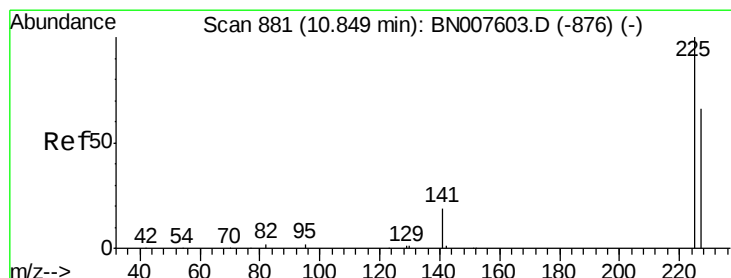
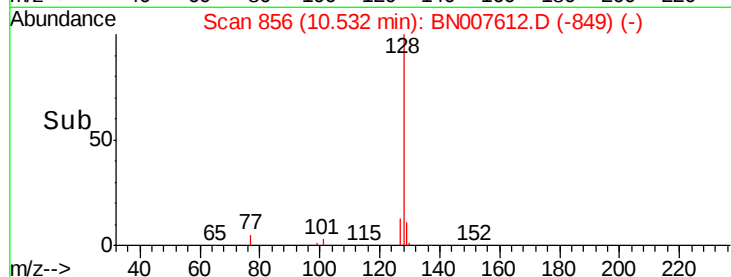
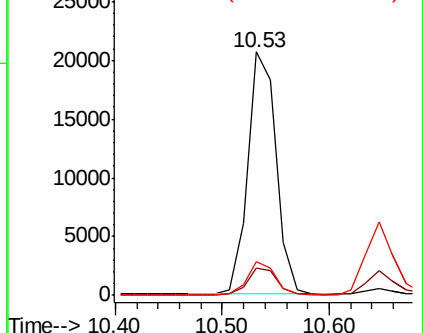
127 13.6 10.4 15.6



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: 0.422 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

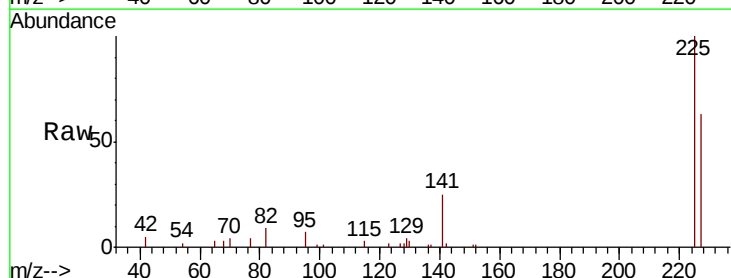
Tgt Ion:225 Resp: 7688

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

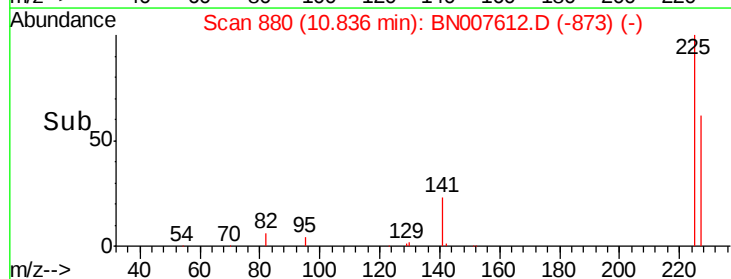
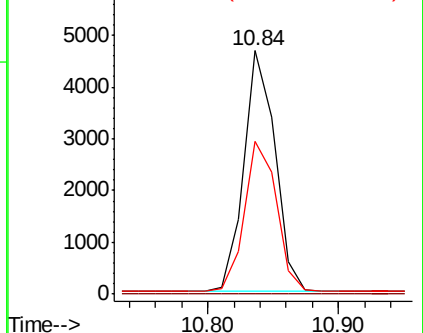
227 64.3 51.3 76.9

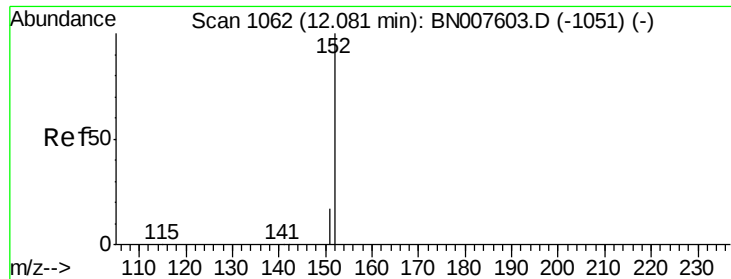


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

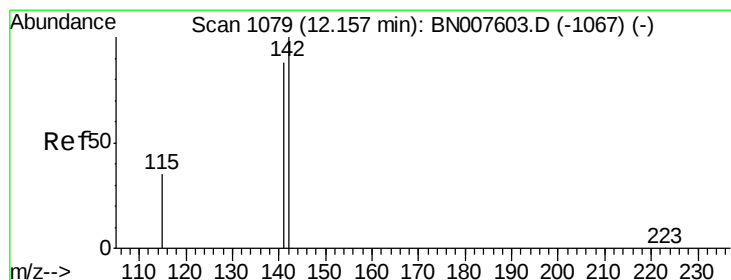
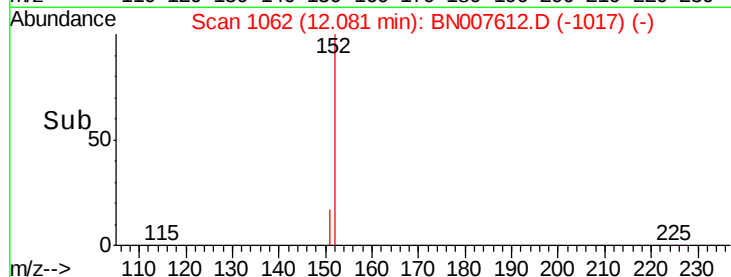
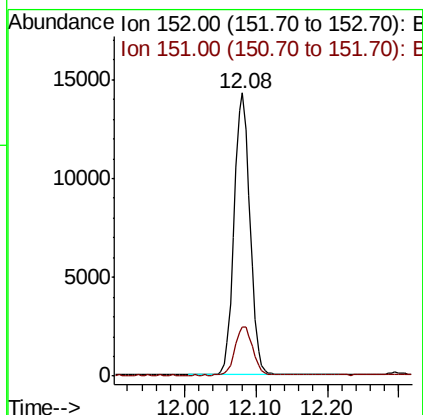
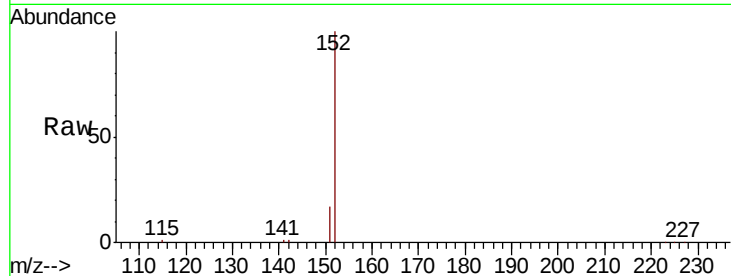




#11
2-Methylnaphthalene-d10
Concen: 0.418 ng
RT: 12.08 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BN007612.D
Acq: 12 Sep 2019 17:55

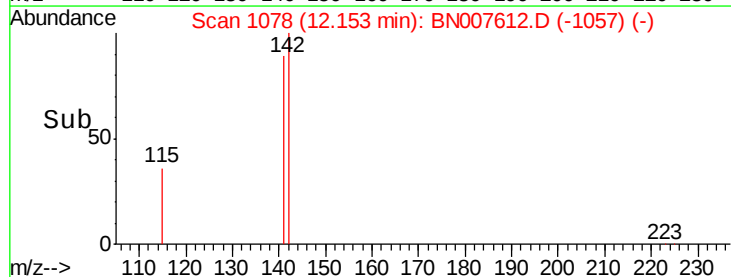
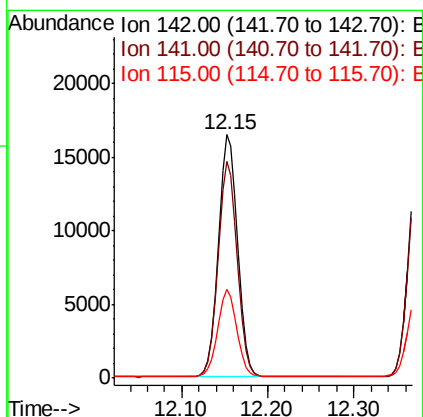
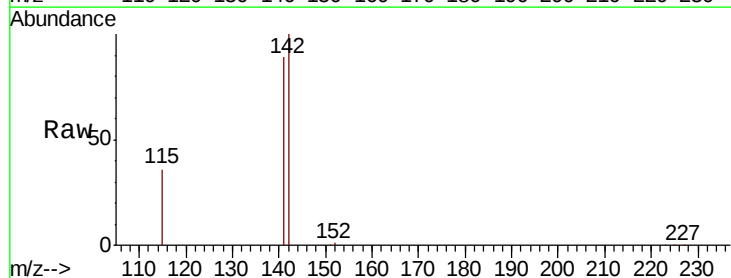
Instrument :
BNA_N
ClientSampleId :
PB122692BS

Tot Ion:152 Resp: 22303
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 12.15 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BN007612.D
Acq: 12 Sep 2019 17:55

Tgt Ion:142 Resp: 25404
Ion Ratio Lower Upper
142 100
141 88.8 70.5 105.7
115 36.4 28.4 42.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

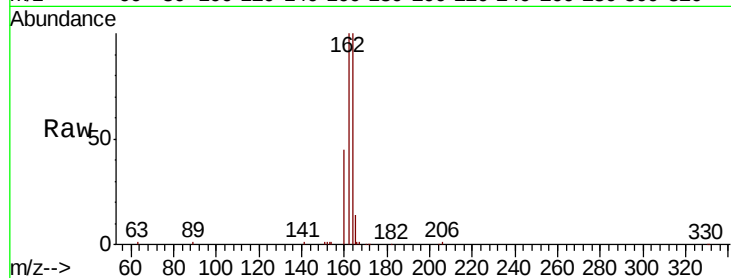
Tot Ion:164 Resp: 17595

Ion Ratio Lower Upper

164 100

162 99.5 82.8 124.2

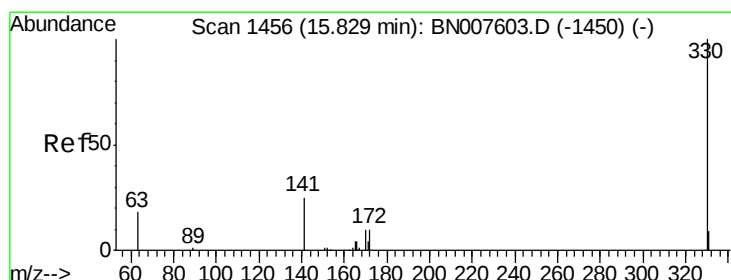
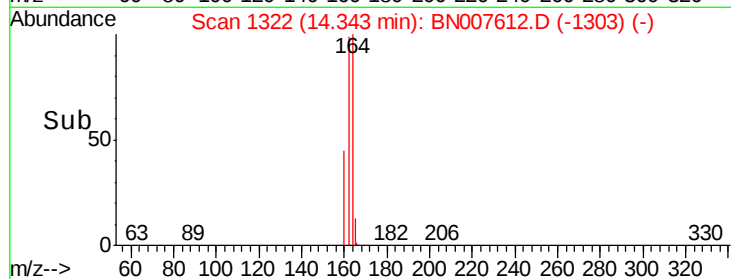
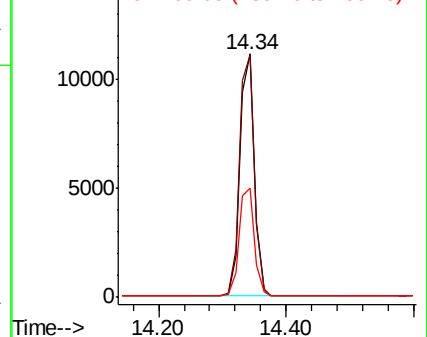
160 44.8 38.0 57.0



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: 0.305 ng

RT: 15.83 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

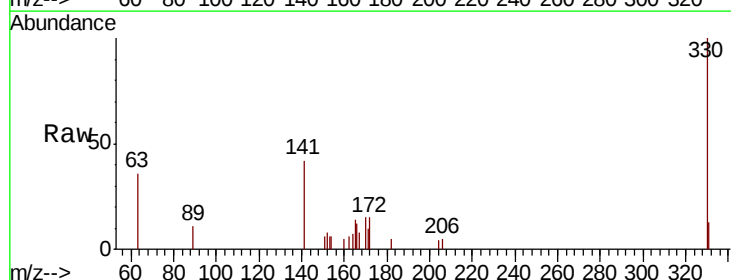
Tgt Ion:330 Resp: 2028

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

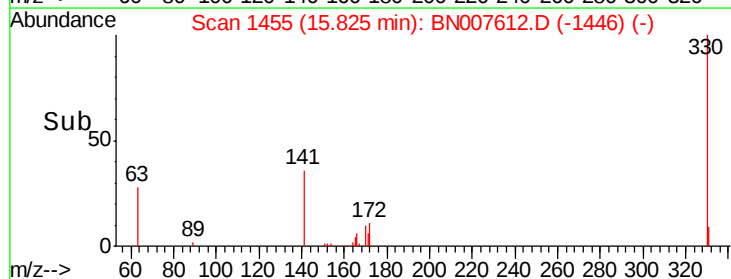
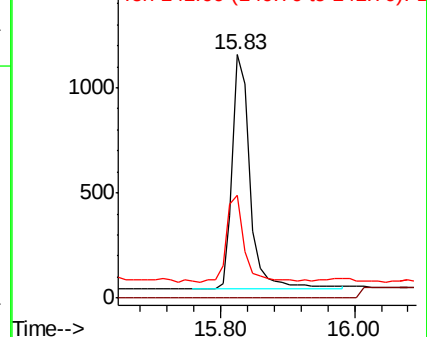
141 37.9 30.1 45.1



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

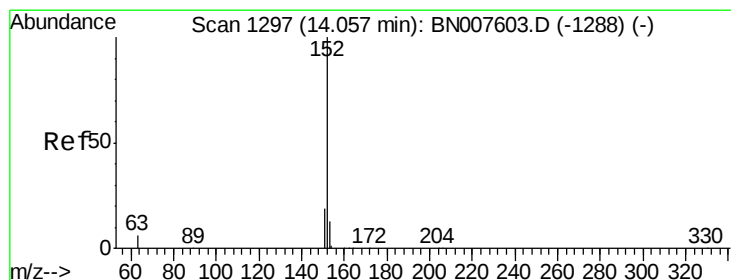
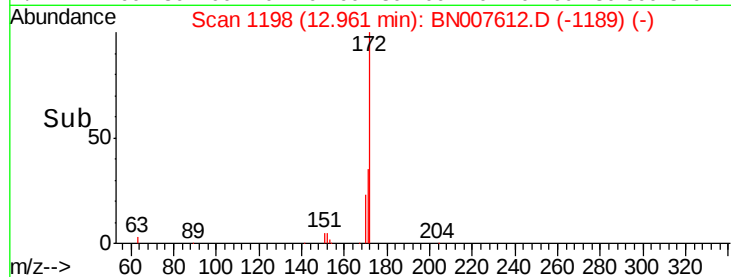
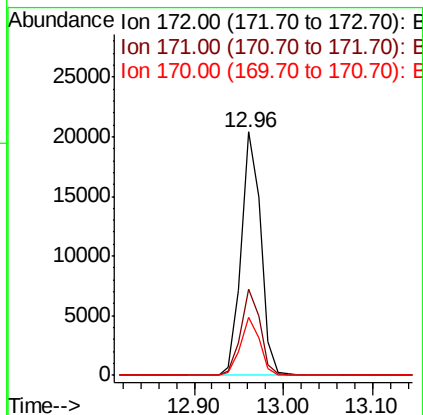
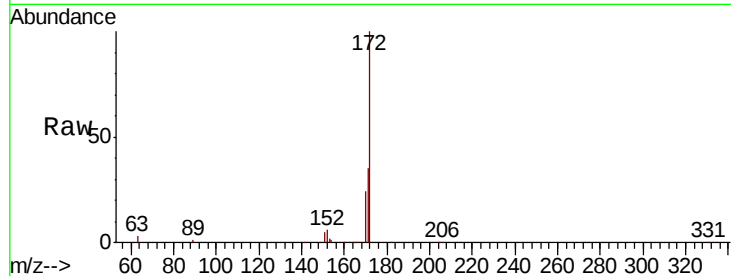




#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007612.D
Acq: 12 Sep 2019 17:55

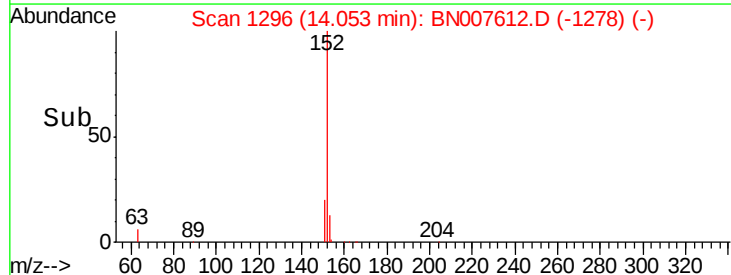
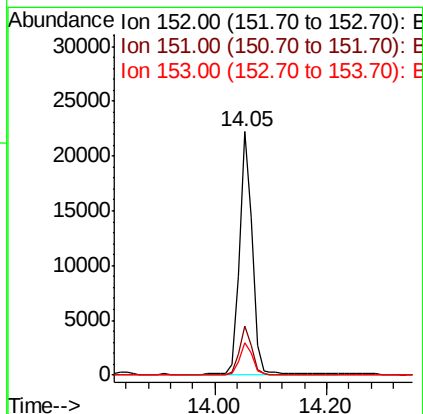
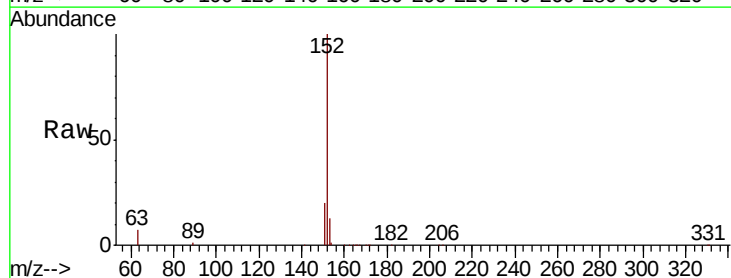
Instrument :
BNA_N
ClientSampleId :
PB122692BS

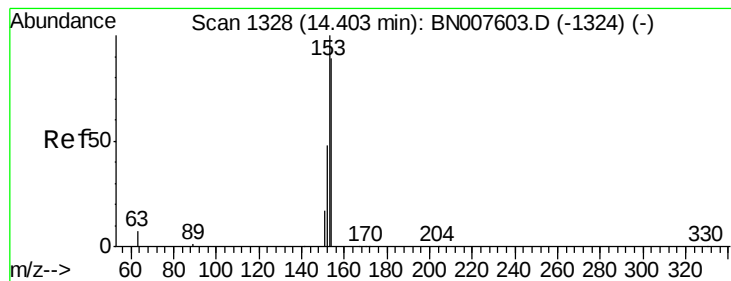
Tot Ion:172 Resp: 30833
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.6 18.5 27.7



#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BN007612.D
Acq: 12 Sep 2019 17:55

Tgt Ion:152 Resp: 33907
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.392 ng

RT: 14.40 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

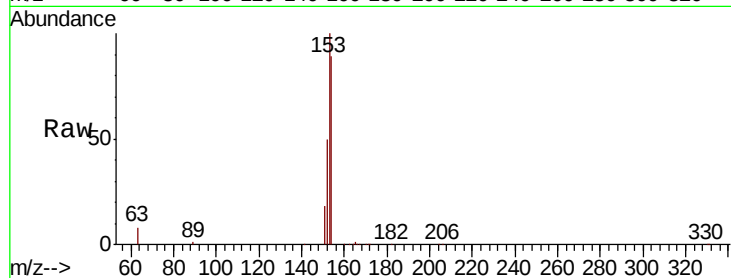
Tot Ion:154 Resp: 23373

Ion Ratio Lower Upper

154 100

153 111.6 89.8 134.8

152 55.3 43.8 65.8

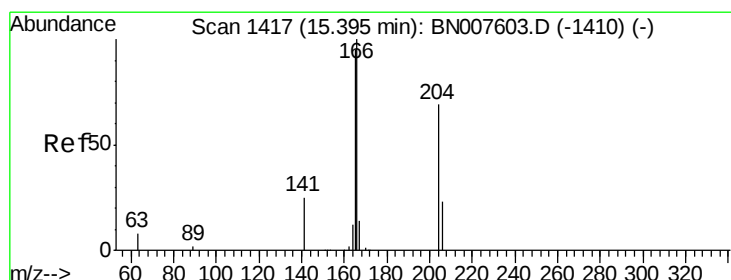
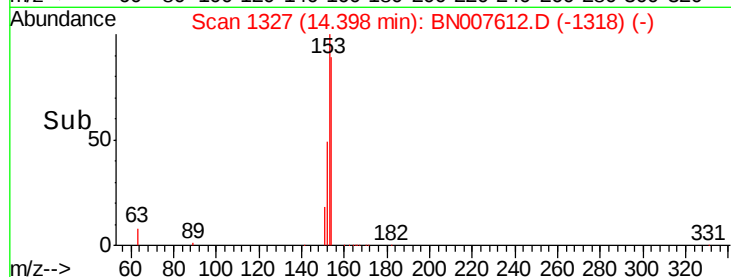
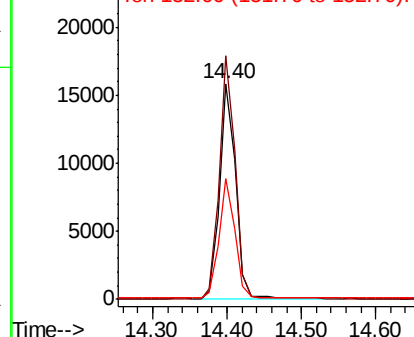


Abundance

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: 0.392 ng

RT: 15.39 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

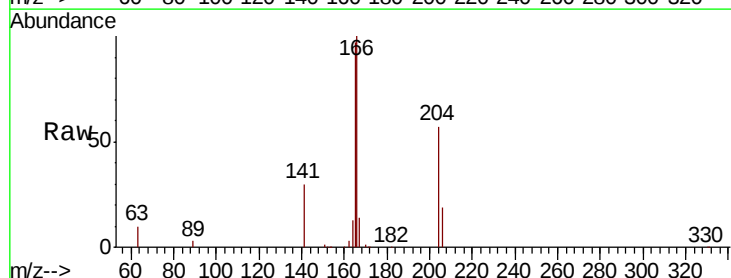
Tgt Ion:166 Resp: 29522

Ion Ratio Lower Upper

166 100

165 97.2 77.8 116.6

167 13.6 10.8 16.2

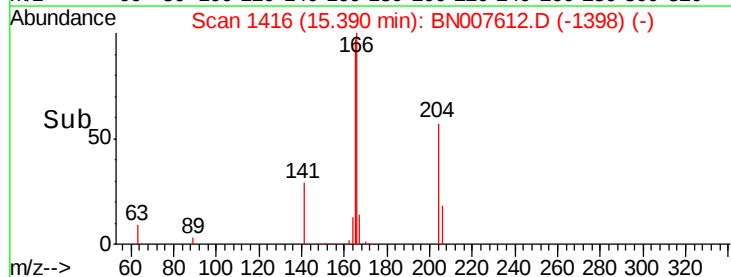
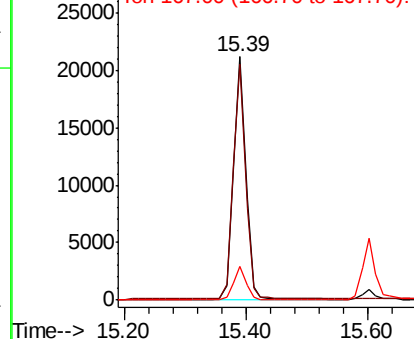


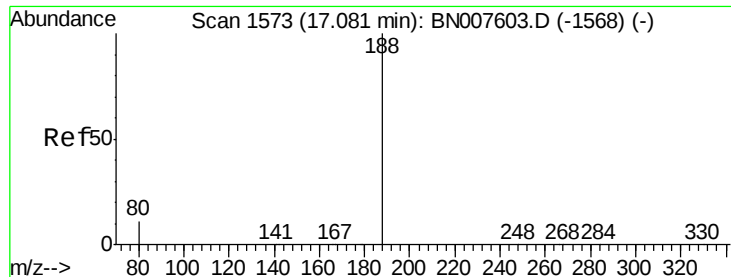
Abundance

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# 1572

Delta R.T. -0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

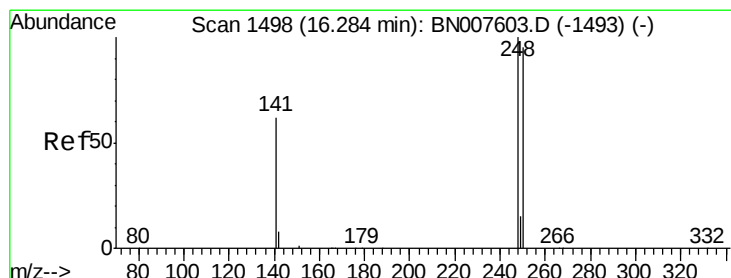
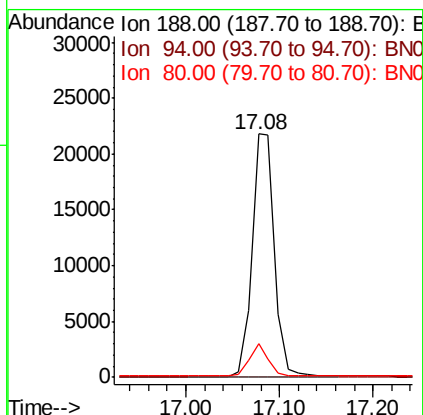
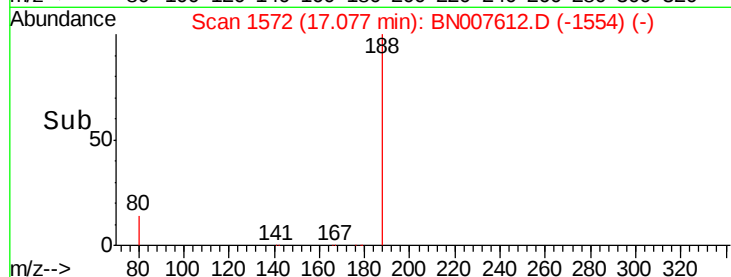
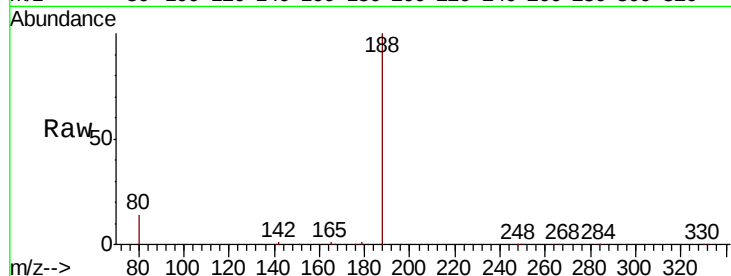
Tot Ion:188 Resp: 36335

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 8.8 13.2#



#20

4-Bromophenyl-phenylether

Concen: 0.422 ng

RT: 16.28 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

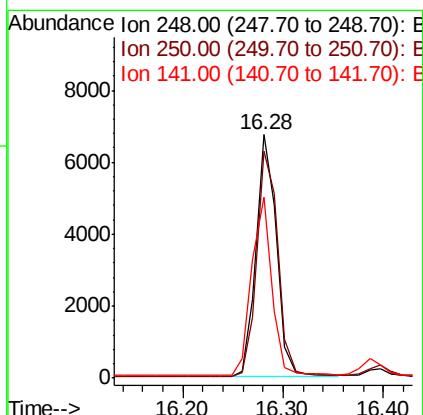
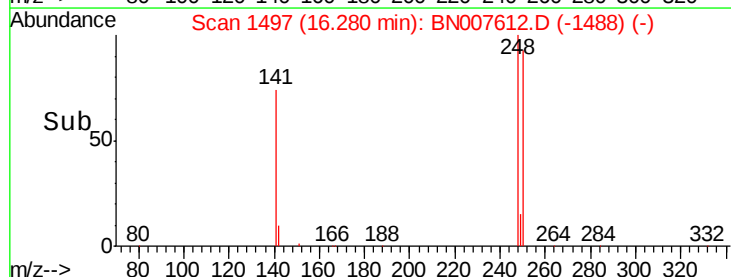
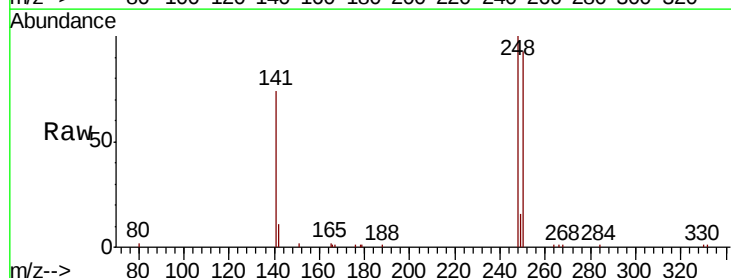
Tgt Ion:248 Resp: 9486

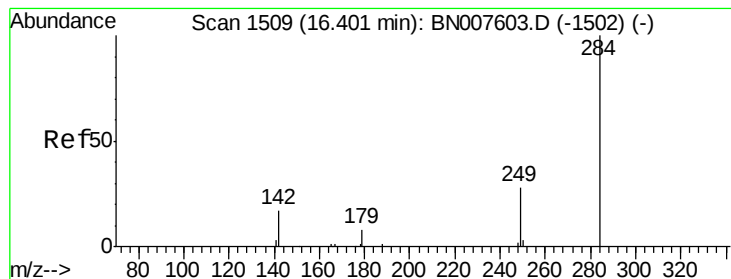
Ion Ratio Lower Upper

248 100

250 93.0 76.3 114.5

141 74.4 49.7 74.5





#21

Hexachlorobenzene

Concen: 0.433 ng

RT: 16.40 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

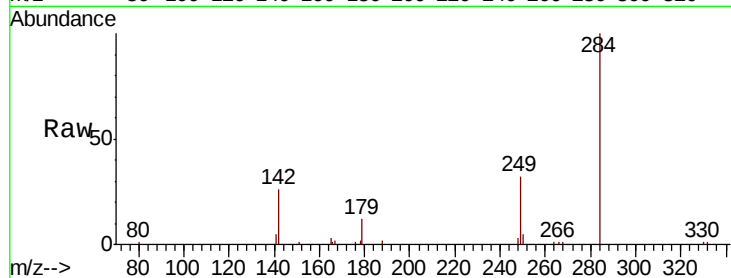
Tot Ion:284 Resp: 10404

Ion Ratio Lower Upper

284 100

142 34.9 27.8 41.6

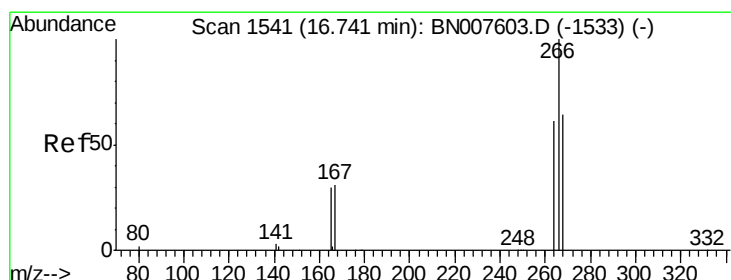
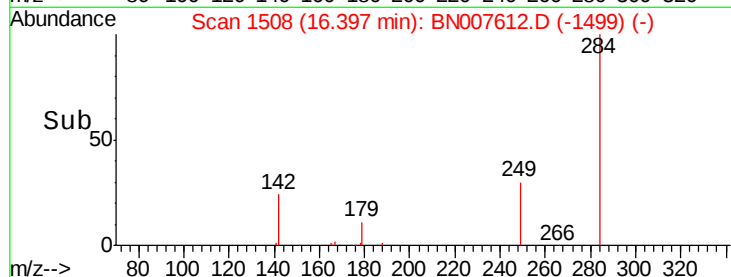
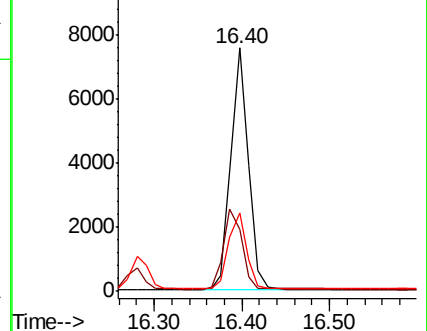
249 32.3 25.5 38.3



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: 0.320 ng

RT: 16.74 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

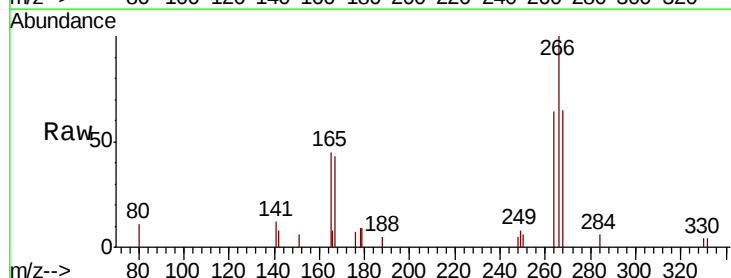
Tgt Ion:266 Resp: 1998

Ion Ratio Lower Upper

266 100

264 63.7 49.4 74.0

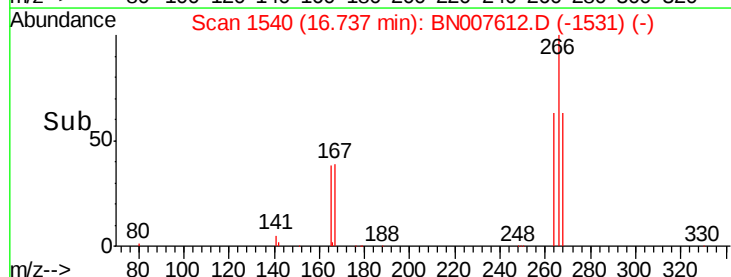
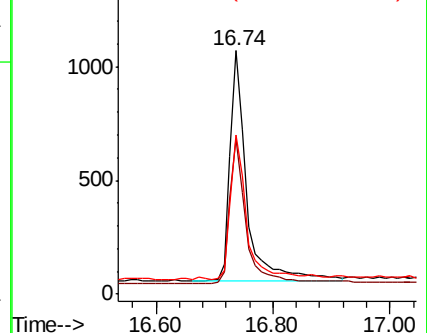
268 65.5 53.0 79.6

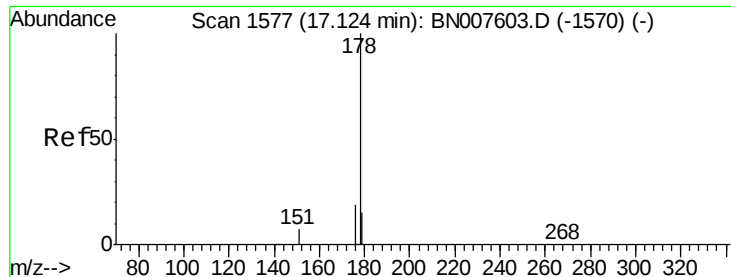


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.424 ng

RT: 17.12 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

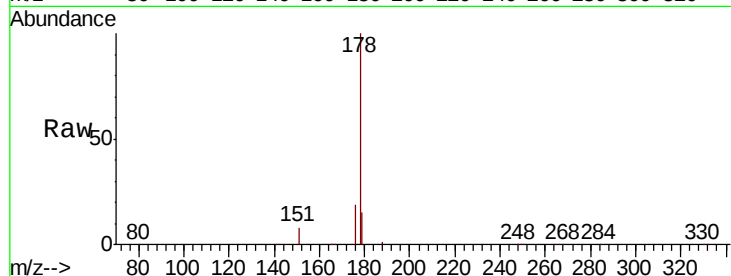
Tot Ion:178 Resp: 48602

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

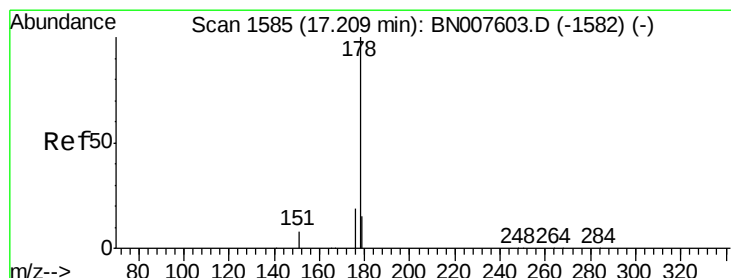
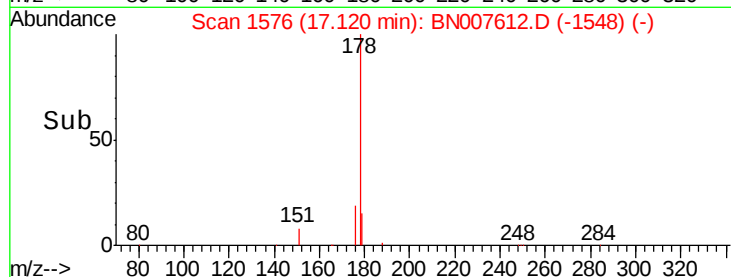
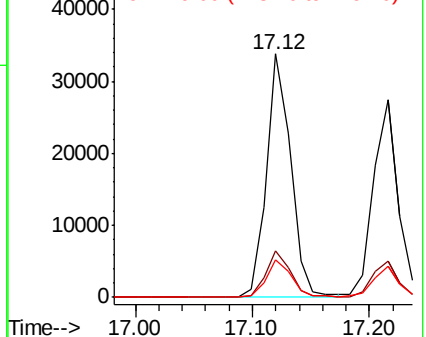
179 15.4 12.4 18.6



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: 0.405 ng

RT: 17.22 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

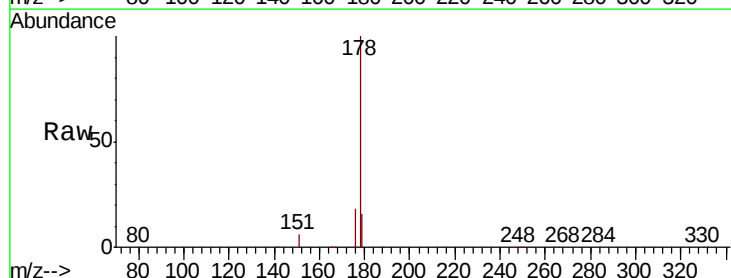
Tgt Ion:178 Resp: 41142

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

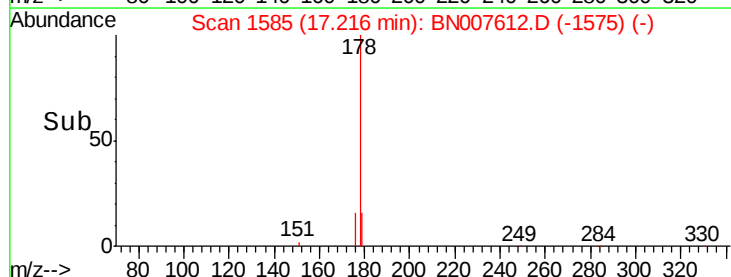
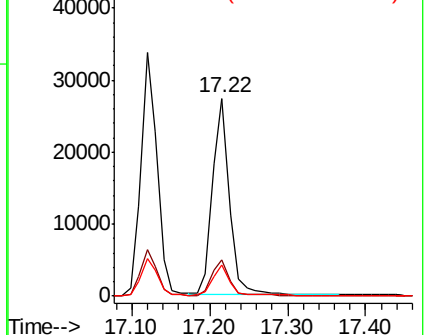
179 15.1 12.4 18.6

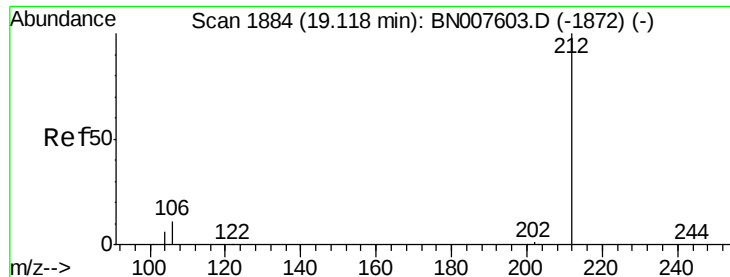


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.415 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

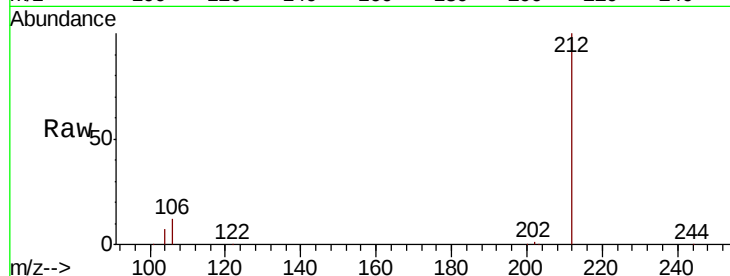
Tot Ion:212 Resp: 47539

Ion Ratio Lower Upper

212 100

106 12.1 9.6 14.4

104 6.9 5.4 8.0

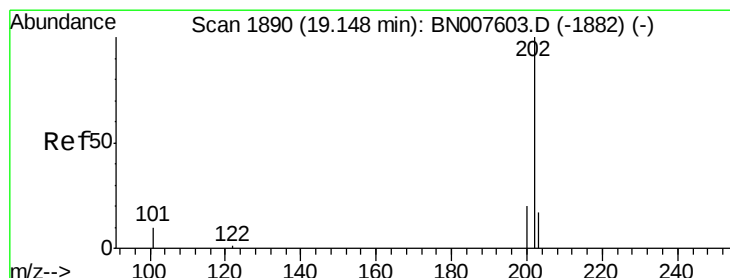
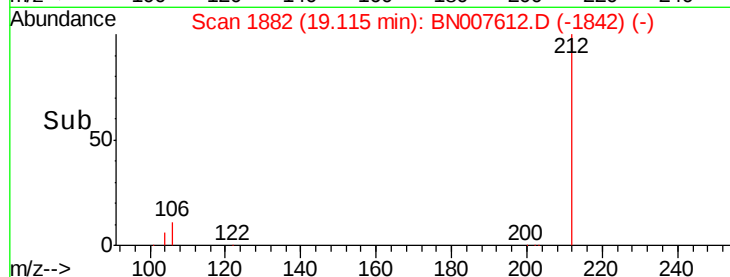
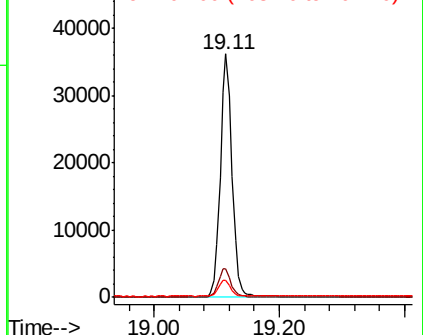


Abundance

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: 0.419 ng

RT: 19.14 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

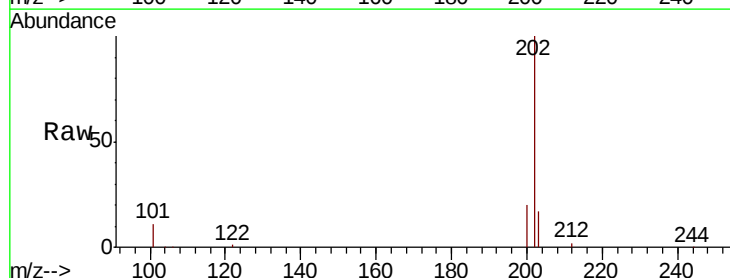
Tgt Ion:202 Resp: 56052

Ion Ratio Lower Upper

202 100

101 10.9 8.6 13.0

203 17.4 13.8 20.6

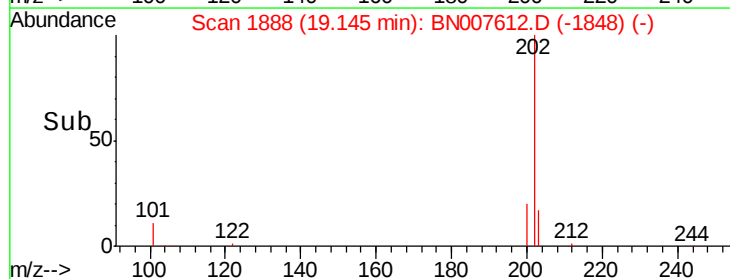
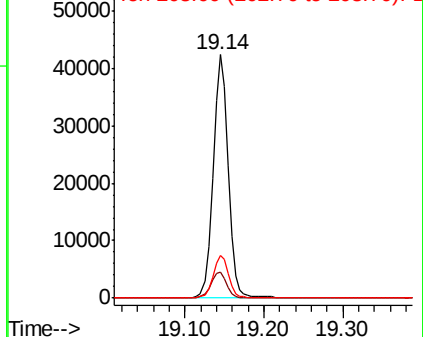


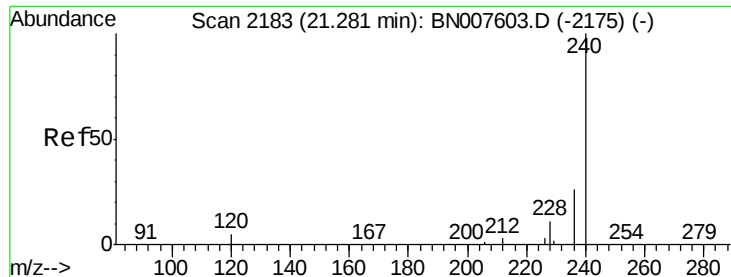
Abundance

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# 2181

Delta R.T. -0.01 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

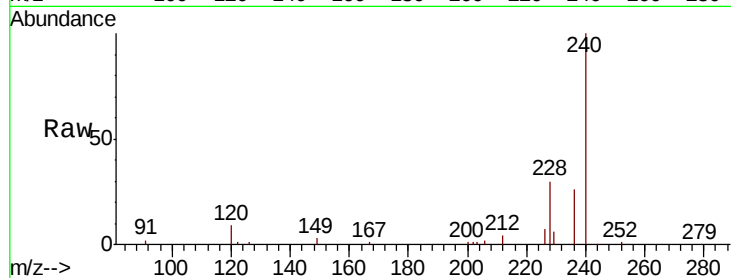
Tot Ion:240 Resp: 36118

Ion Ratio Lower Upper

240 100

120 9.2 4.3 6.5#

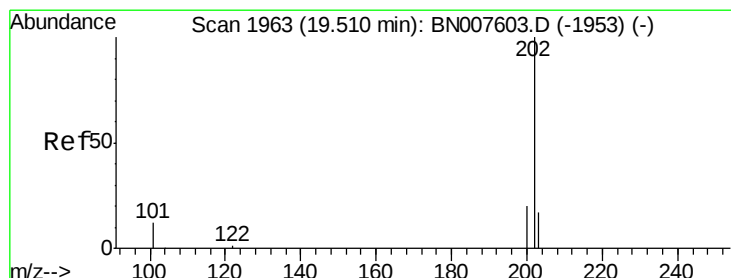
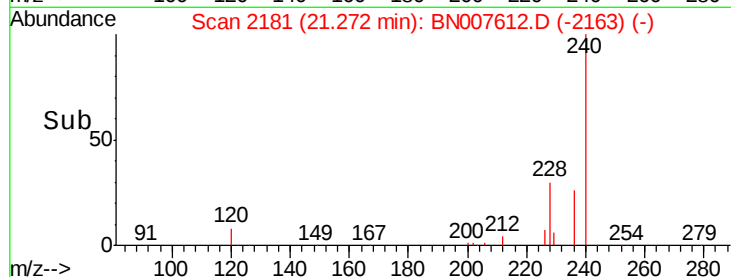
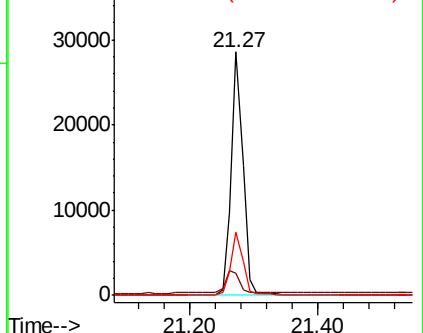
236 26.0 20.8 31.2



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: 0.422 ng

RT: 19.51 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

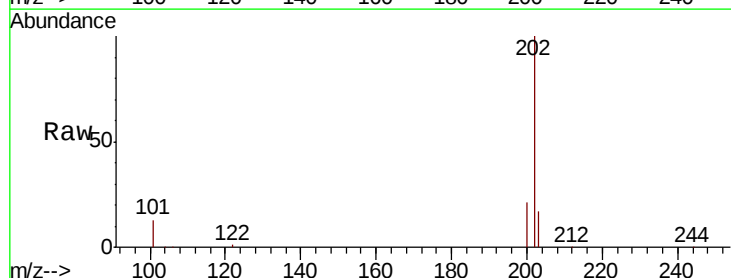
Tgt Ion:202 Resp: 55432

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

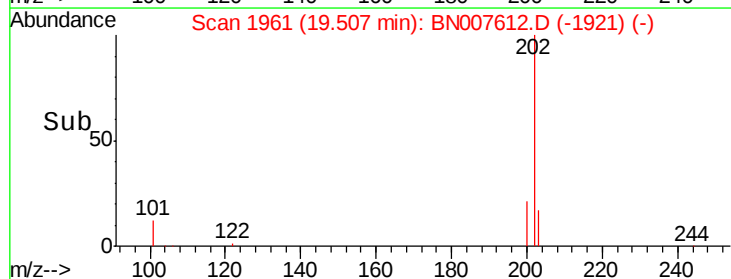
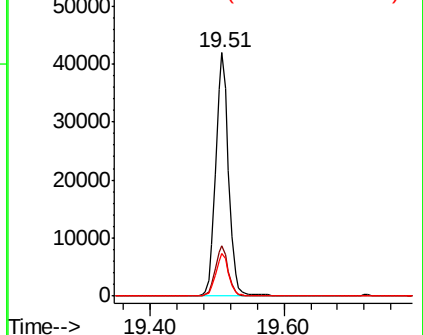
203 17.5 14.0 21.0

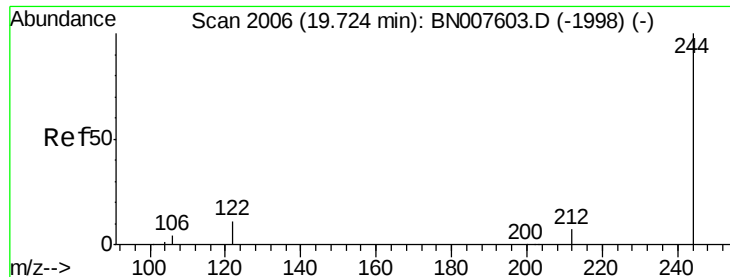


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.421 ng

RT: 19.72 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

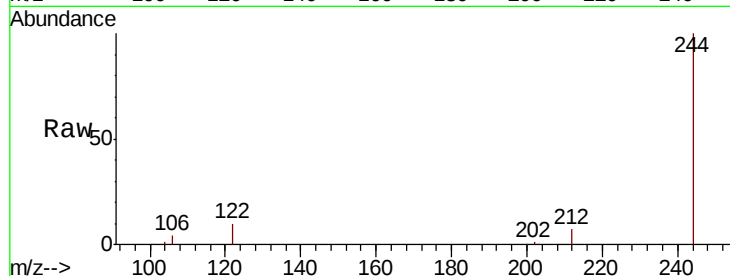
Tot Ion:244 Resp: 40092

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

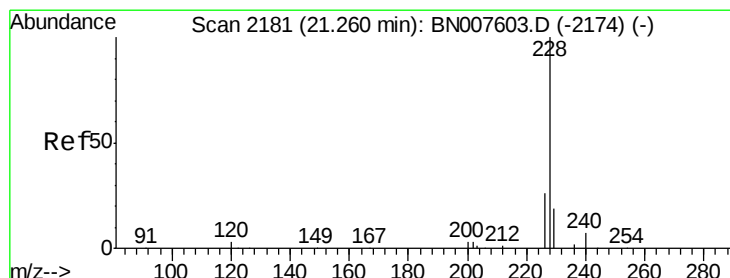
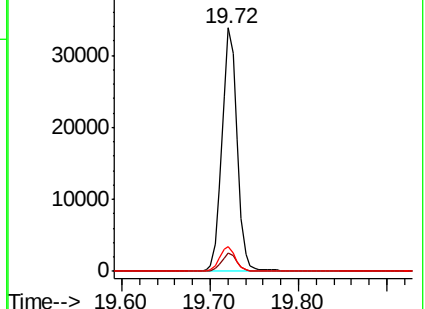
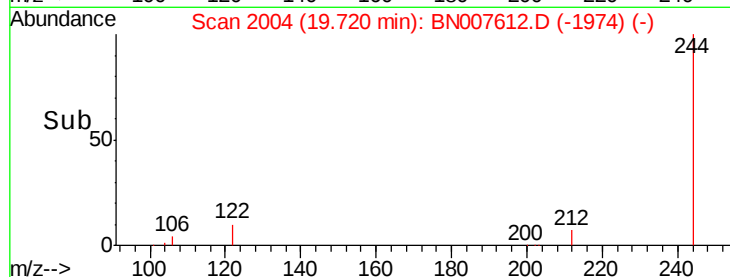
122 10.4 8.6 12.8



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: 0.389 ng

RT: 21.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

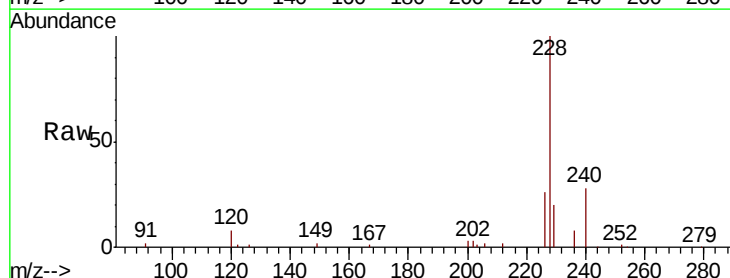
Tgt Ion:228 Resp: 49852

Ion Ratio Lower Upper

228 100

226 26.0 21.2 31.8

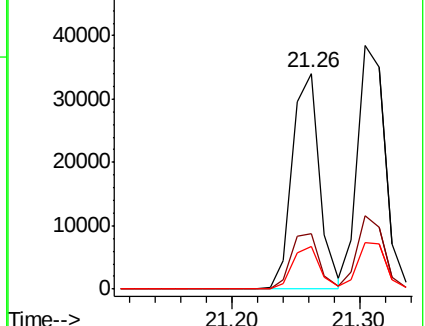
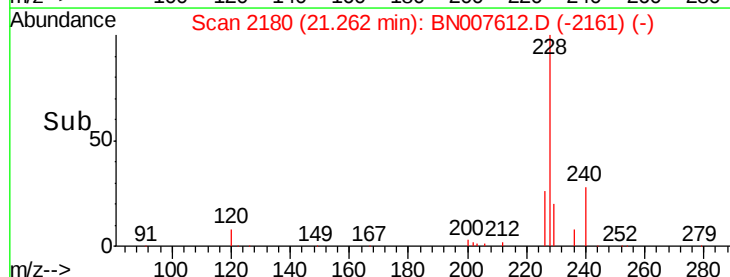
229 20.0 15.5 23.3

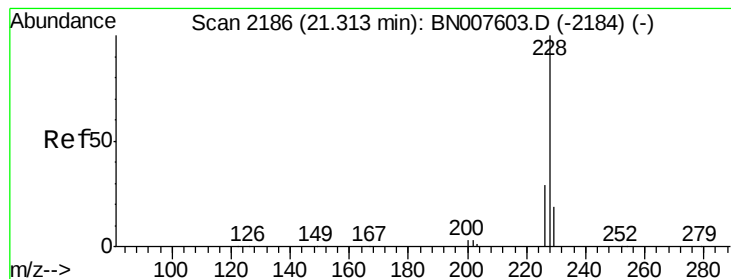


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

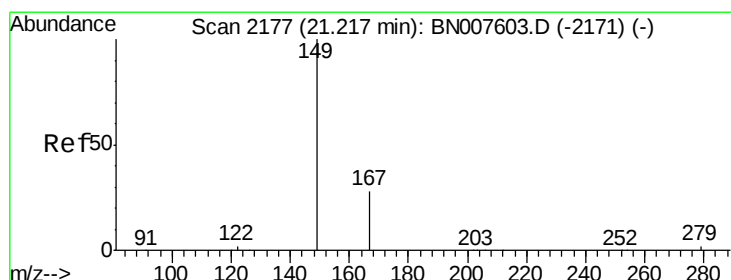
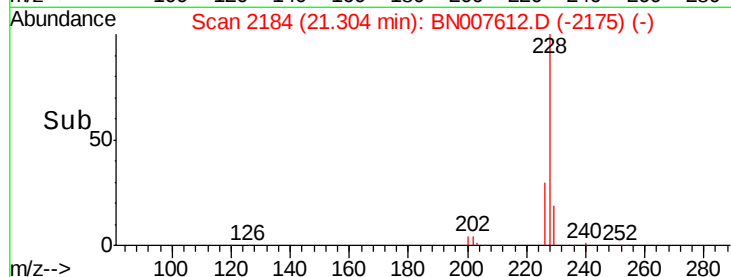
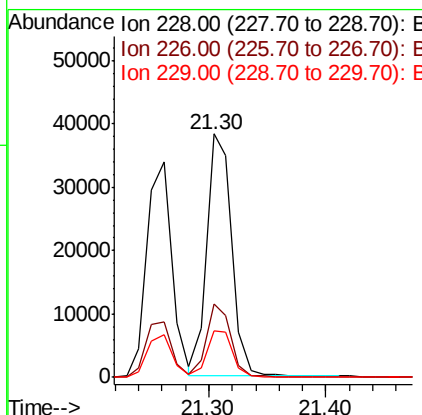
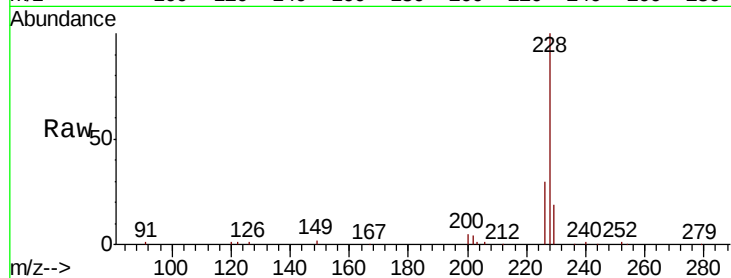




#31
 Chrysene
 Concen: 0.427 ng
 RT: 21.30 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BN007612.D
 Acq: 12 Sep 2019 17:55

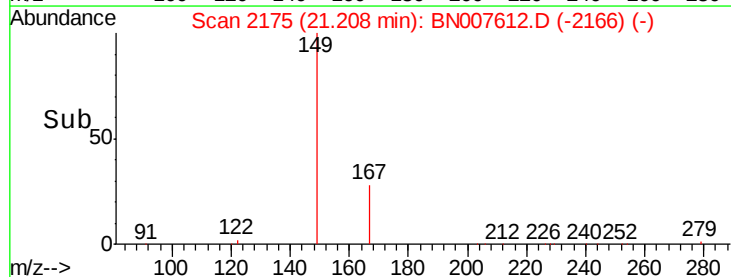
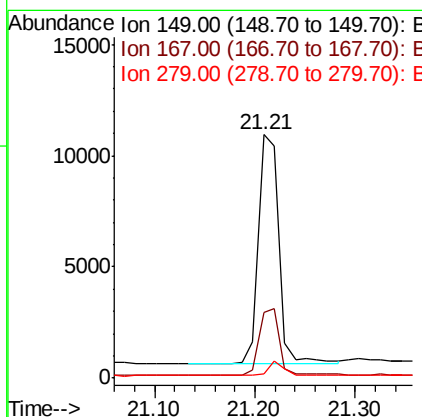
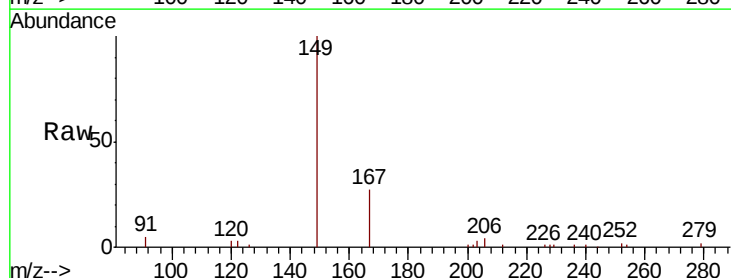
Instrument :
 BNA_N
 ClientSampleId :
 PB122692BS

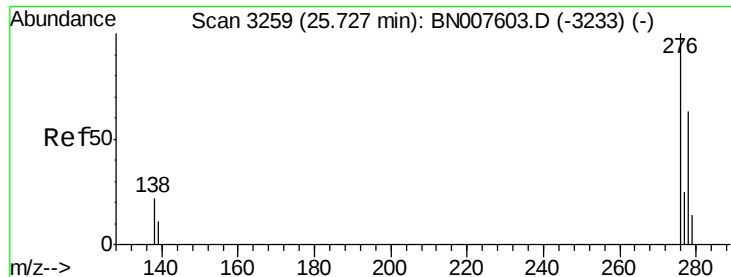
Tot Ion:228 Resp: 56905
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.4 35.2
 229 19.1 15.5 23.3



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.337 ng
 RT: 21.21 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BN007612.D
 Acq: 12 Sep 2019 17:55

Tgt Ion:149 Resp: 14638
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.6 34.0
 279 5.1 3.8 5.6





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.430 ng

RT: 25.72 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

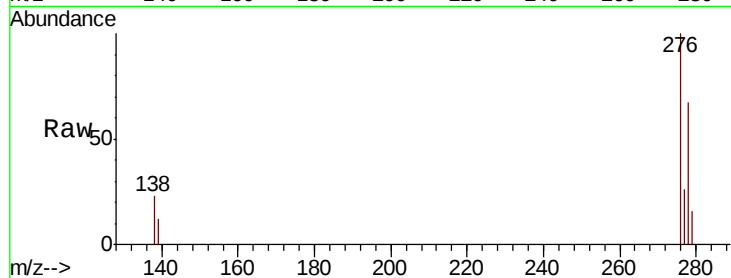
Tot Ion:276 Resp: 61135

Ion Ratio Lower Upper

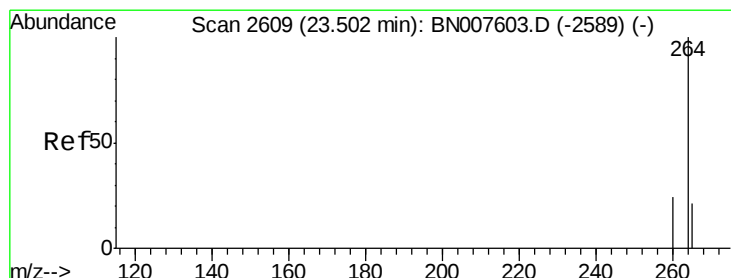
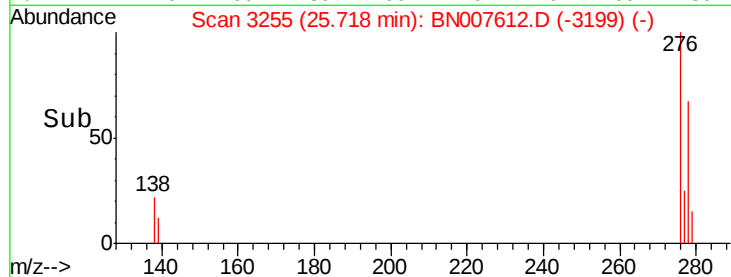
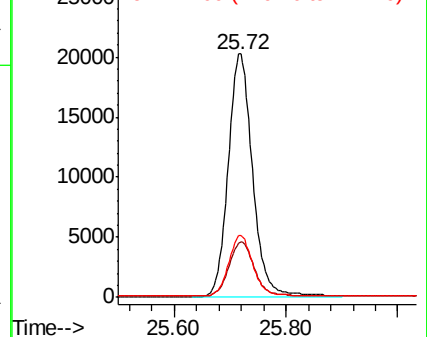
276 100

138 23.1 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# 2606

Delta R.T. -0.01 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

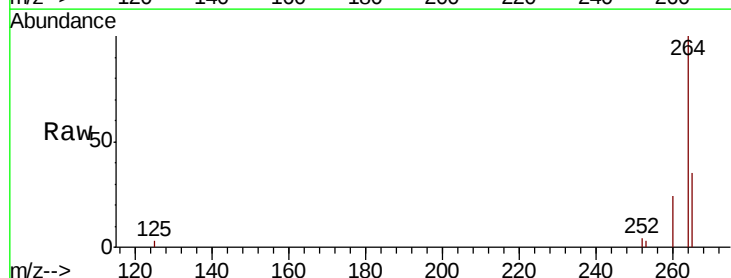
Tgt Ion:264 Resp: 36586

Ion Ratio Lower Upper

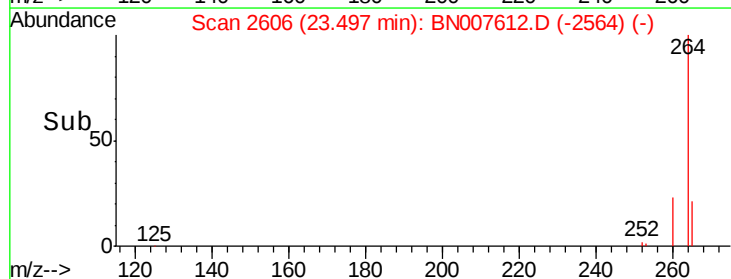
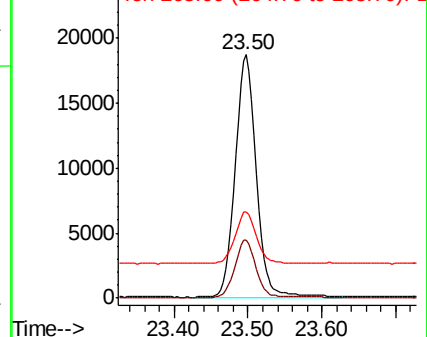
264 100

260 23.6 19.1 28.7

265 35.4 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

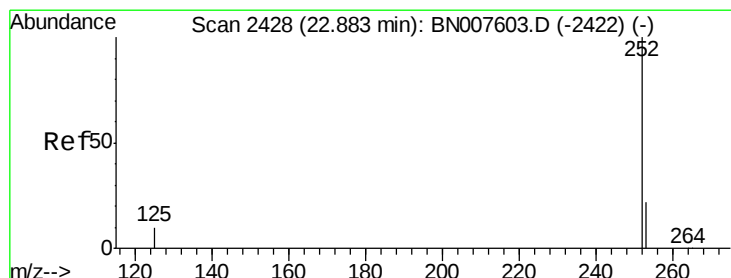
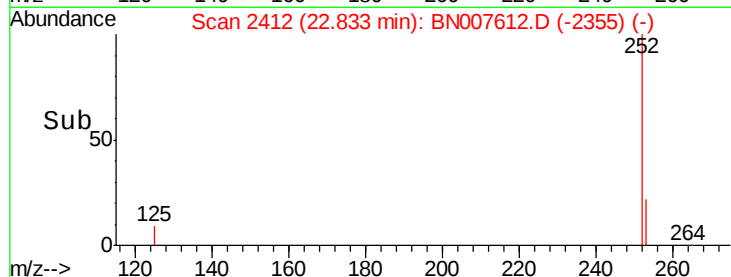
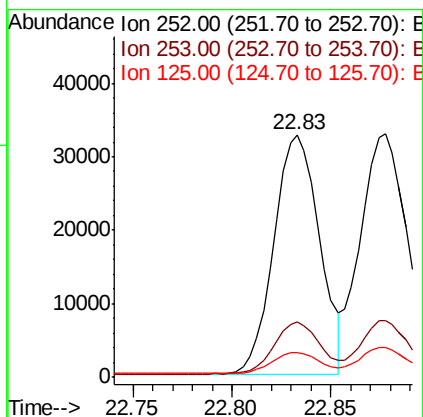
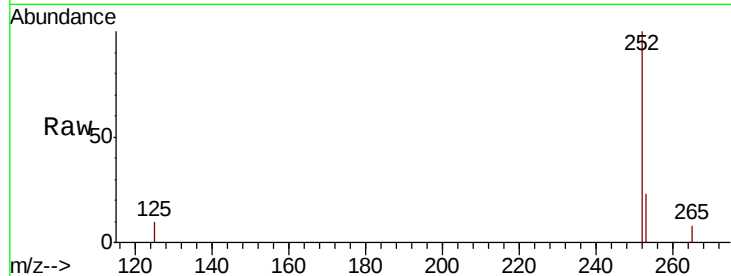




#35
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 22.83 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BN007612.D
Acq: 12 Sep 2019 17:55

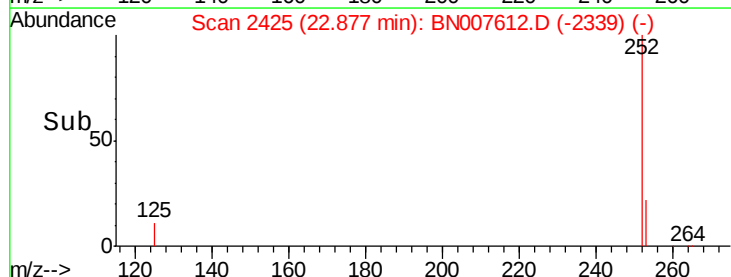
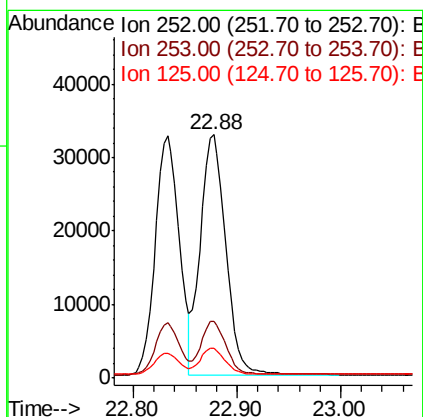
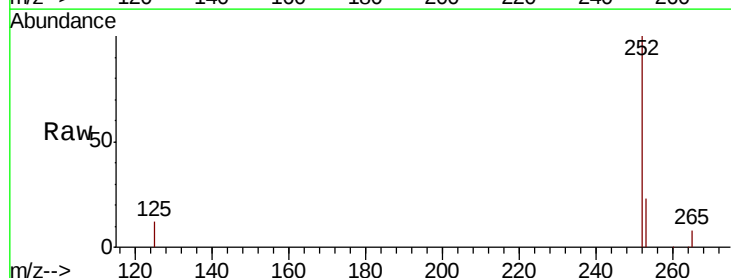
Instrument :
BNA_N
ClientSampleId :
PB122692BS

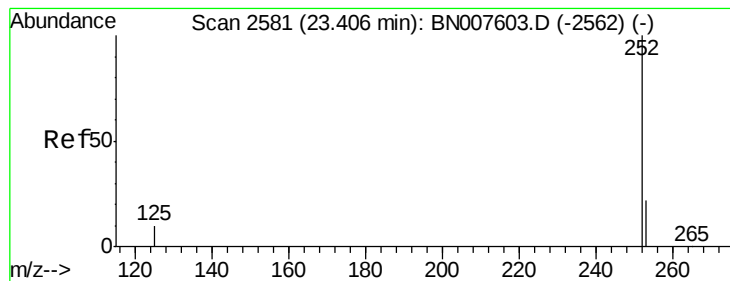
Tot Ion:252 Resp: 52494
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.5 8.0 12.0



#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 22.88 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BN007612.D
Acq: 12 Sep 2019 17:55

Tgt Ion:252 Resp: 55955
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 12.5 8.9 13.3





#37

Benzo(a)pyrene

Concen: 0.385 ng

RT: 23.40 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

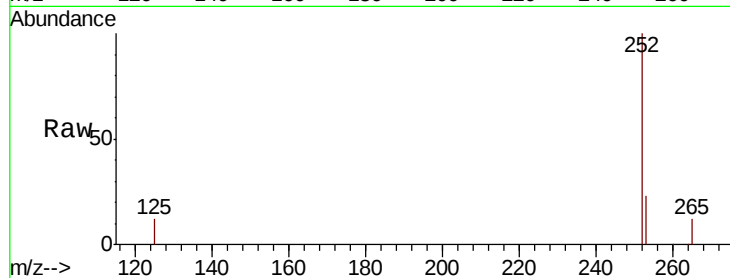
Tot Ion:252 Resp: 45456

Ion Ratio Lower Upper

252 100

253 23.4 18.3 27.5

125 12.1 8.9 13.3

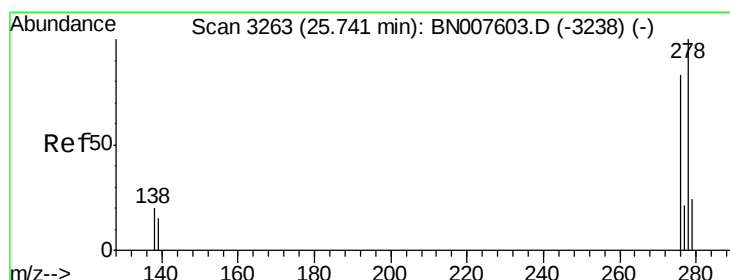
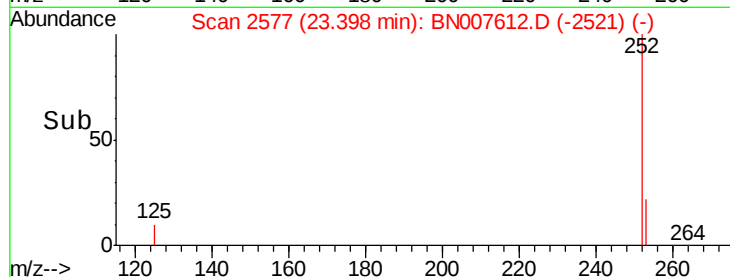
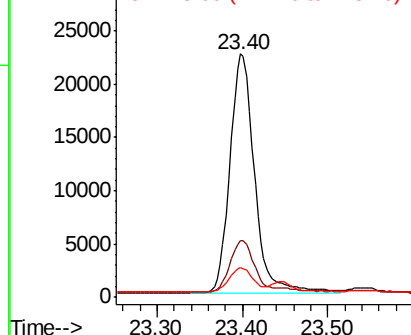


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.411 ng

RT: 25.73 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

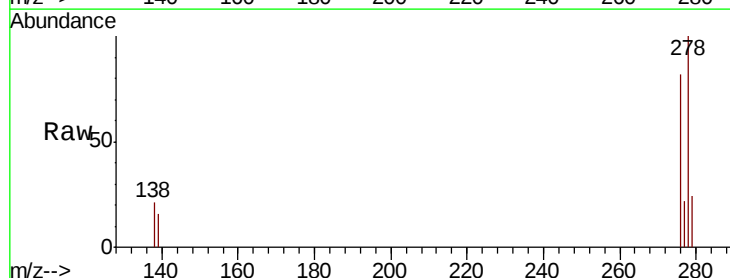
Tgt Ion:278 Resp: 50693

Ion Ratio Lower Upper

278 100

139 15.8 12.6 18.8

279 24.4 19.6 29.4

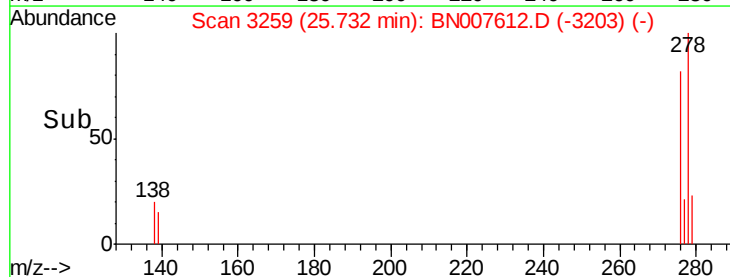
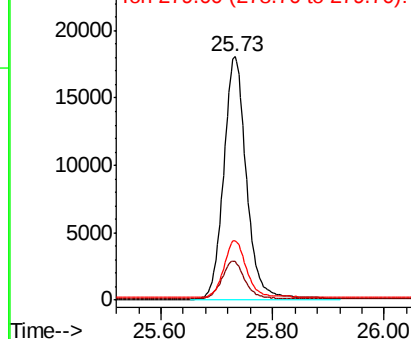


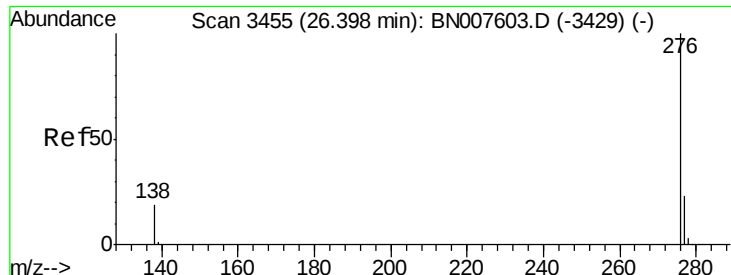
Abundance

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: 0.404 ng

RT: 26.39 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BN007612.D

Acq: 12 Sep 2019 17:55

Instrument :

BNA_N

ClientSampleId :

PB122692BS

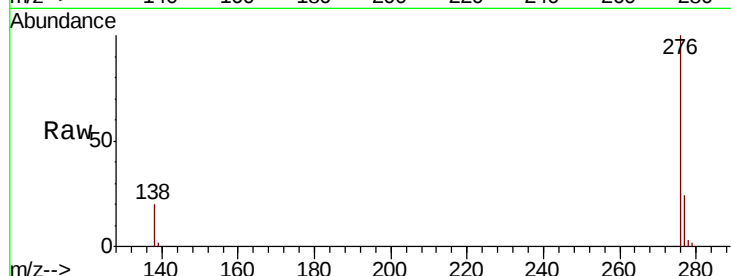
Tot Ion: 276 Resp: 49339

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 20.1 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

