

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091219\
 Data File : BN007609.D
 Acq On : 12 Sep 2019 15:21
 Operator : HP/JU
 Sample : PB122993BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 13 02:16:19 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	7498	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	28713	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	16299	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	33409	0.40	ng	0.00
27) Chrysene-d12	21.28	240	33096	0.40	ng	0.00
34) Perylene-d12	23.50	264	33348	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	8337	0.35	ng	0.00
5) Phenol-d6	6.89	99	10725	0.37	ng	0.00
8) Nitrobenzene-d5	8.86	82	9096	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	20426	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1934	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	28515	0.40	ng	0.00
25) Fluoranthene-d10	19.12	212	44248	0.42	ng	0.00
29) Terphenyl-d14	19.72	244	37185	0.43	ng	0.00

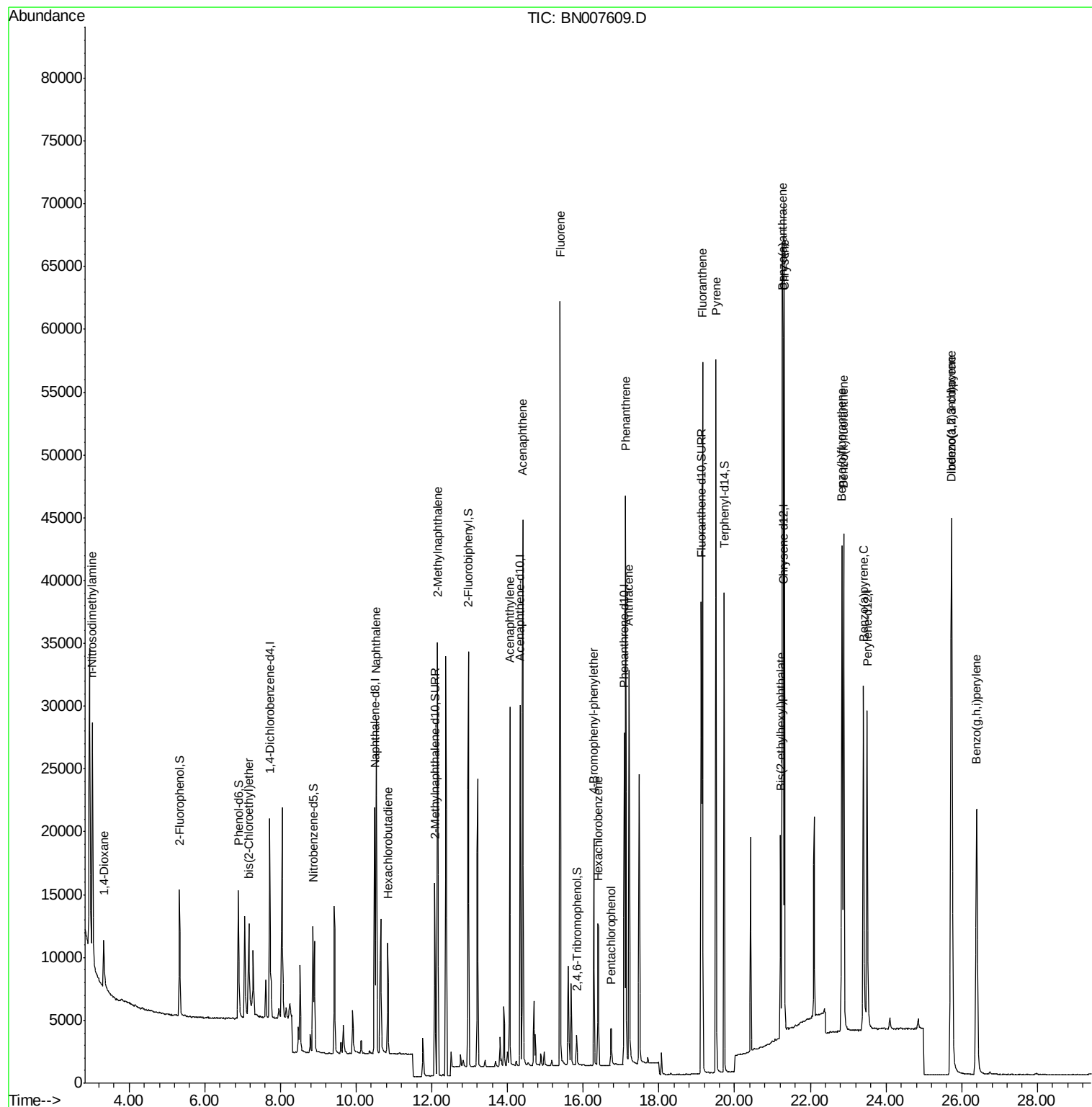
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	3527	0.393	ng	98
3) n-Nitrosodimethylamine	3.03	42	2444	0.599	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	8314	0.378	ng	97
9) Naphthalene	10.53	128	35102	0.427	ng	99
10) Hexachlorobutadiene	10.84	225	7148	0.431	ng	# 99
12) 2-Methylnaphthalene	12.15	142	23344	0.422	ng	98
16) Acenaphthylene	14.06	152	31650	0.373	ng	100
17) Acenaphthene	14.40	154	21406	0.387	ng	100
18) Fluorene	15.39	166	27108	0.389	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	8755	0.424	ng	97
21) Hexachlorobenzene	16.40	284	9552	0.432	ng	99
22) Pentachlorophenol	16.74	266	1917	0.334	ng	96
23) Phenanthrene	17.12	178	45217	0.429	ng	100
24) Anthracene	17.21	178	38163	0.408	ng	100
26) Fluoranthene	19.15	202	51681	0.420	ng	100
28) Pyrene	19.51	202	51363	0.427	ng	100
30) Benzo(a)anthracene	21.26	228	46197	0.393	ng	100
31) Chrysene	21.31	228	53011	0.434	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	13803	0.347	ng	99
33) Indeno(1,2,3-cd)pyrene	25.72	276	55211	0.423	ng	100
35) Benzo(b)fluoranthene	22.83	252	48832	0.403	ng	99
36) Benzo(k)fluoranthene	22.88	252	50387	0.407	ng	99
37) Benzo(a)pyrene	23.40	252	41994	0.391	ng	98
38) Dibenzo(a,h)anthracene	25.74	278	45781	0.407	ng	100
39) Benzo(g,h,i)perylene	26.40	276	44865	0.403	ng	99

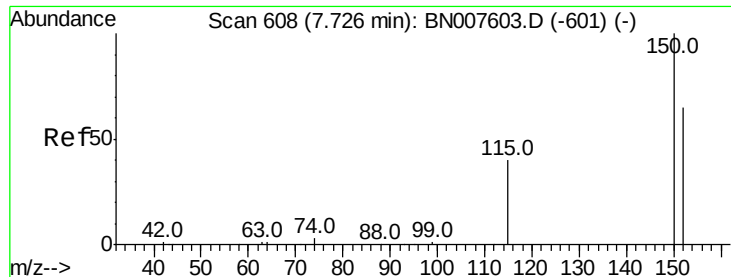
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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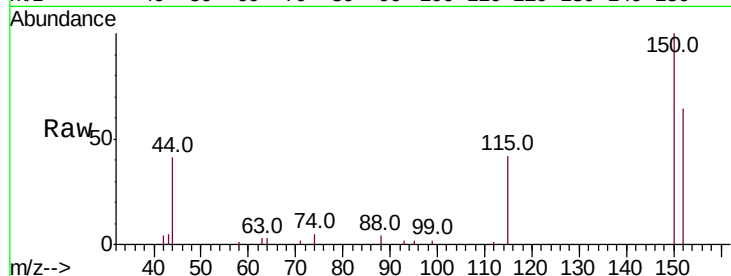


#1

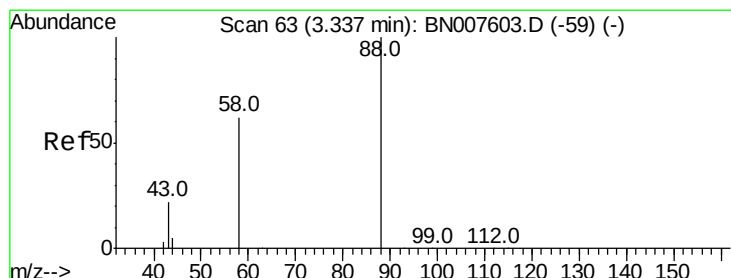
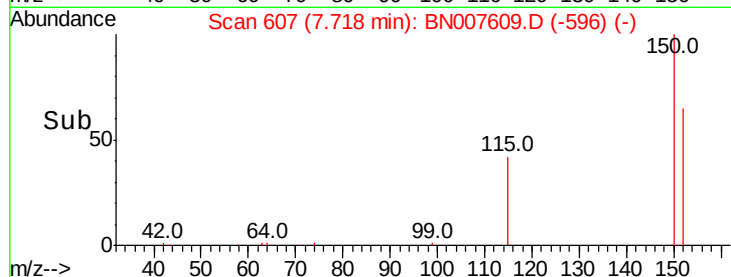
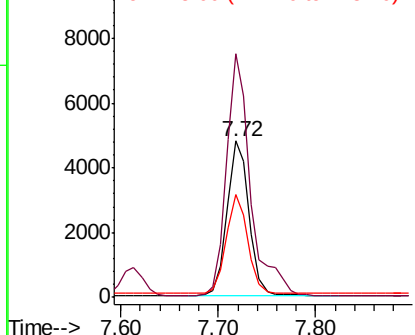
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007609.D
Acq: 12 Sep 2019 15:21

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 7498
Ion Ratio Lower Upper
152 100
150 155.9 122.4 183.6
115 66.0 50.4 75.6



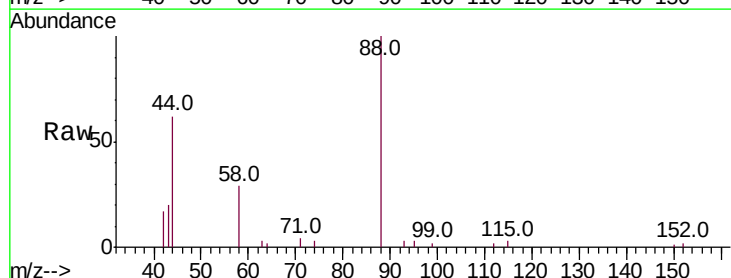
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



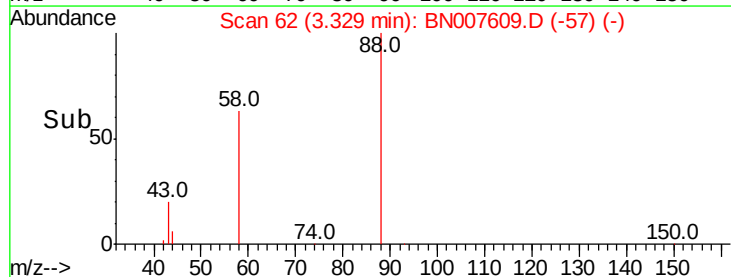
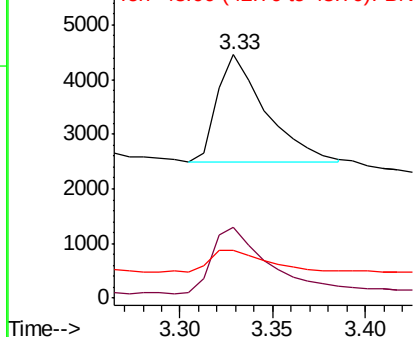
#2

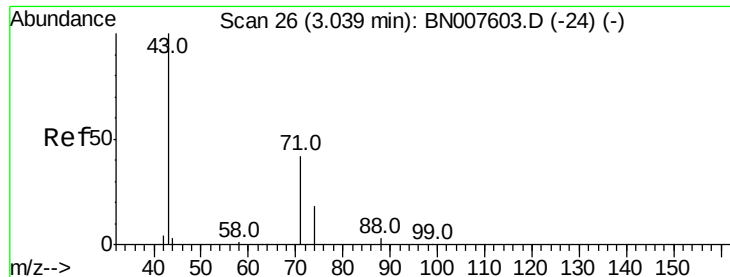
1,4-Dioxane
Concen: 0.393 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007609.D
Acq: 12 Sep 2019 15:21

Tgt Ion: 88 Resp: 3527
Ion Ratio Lower Upper
88 100
58 72.3 57.0 85.4
43 22.3 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: 0.599 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :

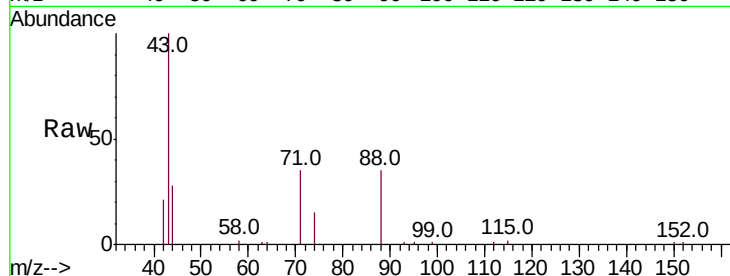
Tot Ion: 42 Resp: 2444

Ion Ratio Lower Upper

42 100

74 109.2 9.8 14.8#

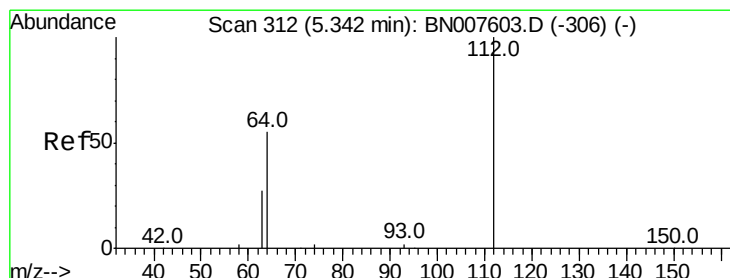
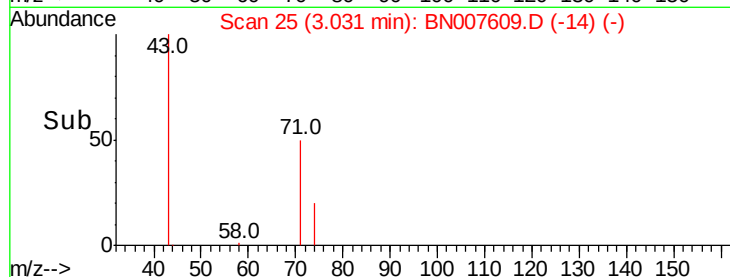
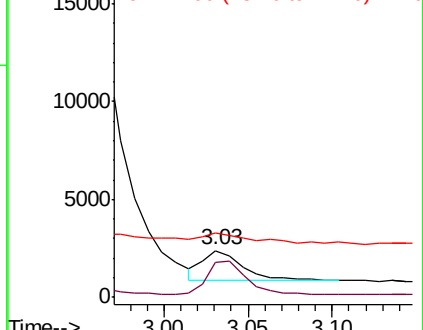
44 41.1 0.0 0.0#



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: 0.347 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

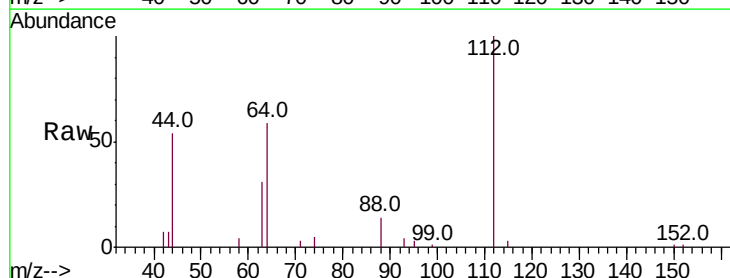
Tgt Ion: 112 Resp: 8337

Ion Ratio Lower Upper

112 100

64 61.0 48.5 72.7

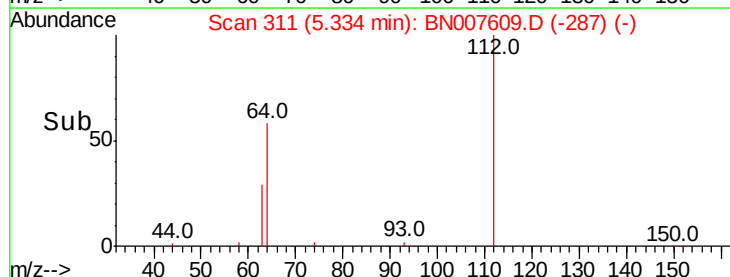
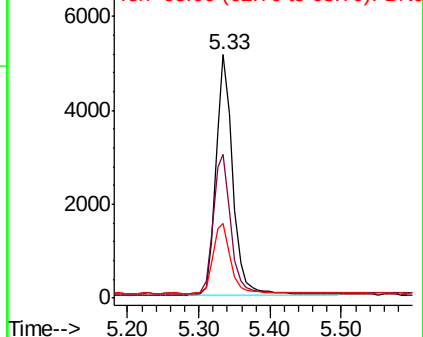
63 30.6 24.4 36.6

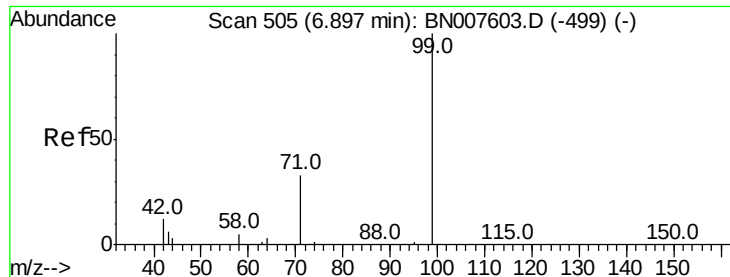


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.367 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :

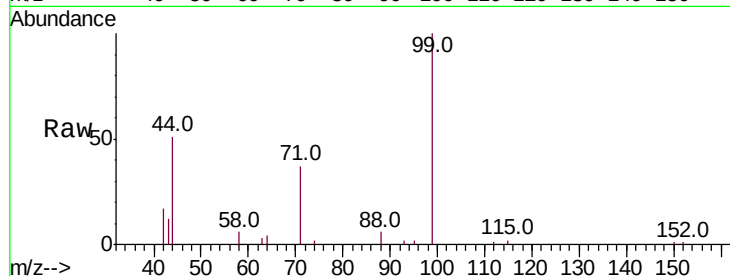
Tot Ion: 99 Resp: 10725

Ion Ratio Lower Upper

99 100

42 15.6 11.8 17.6

71 35.1 28.0 42.0

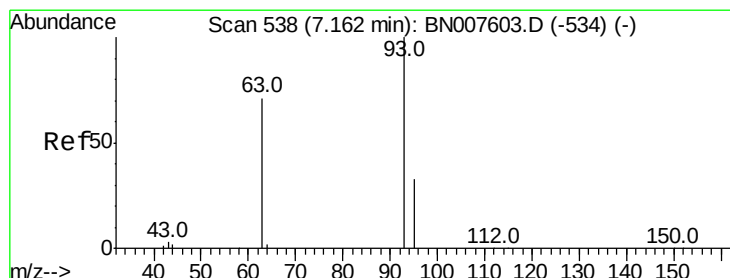
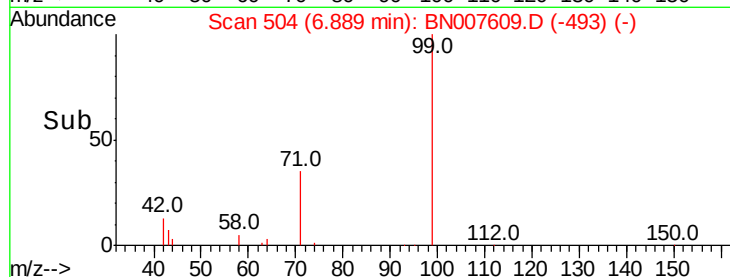


Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

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

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

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.378 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

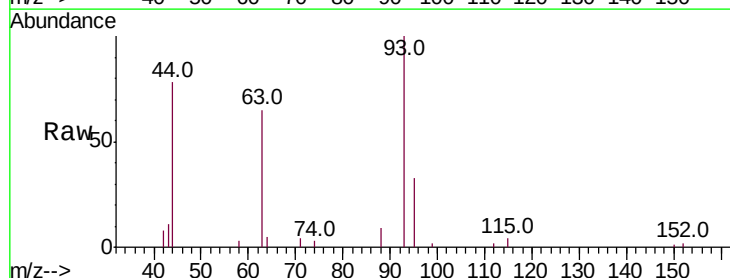
Tgt Ion: 93 Resp: 8314

Ion Ratio Lower Upper

93 100

63 73.8 61.2 91.8

95 34.9 27.2 40.8

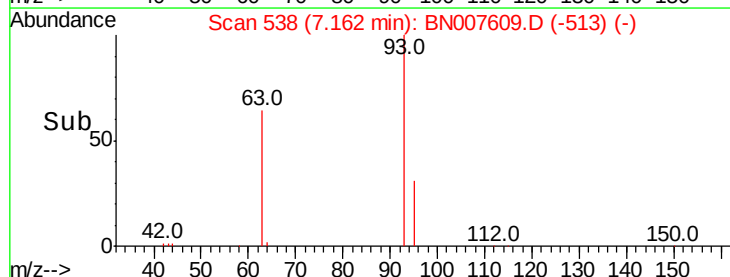


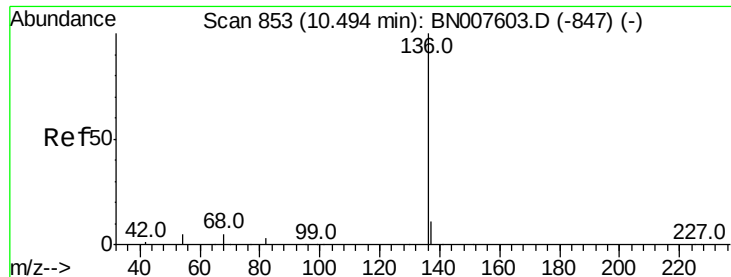
Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

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

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

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 28713

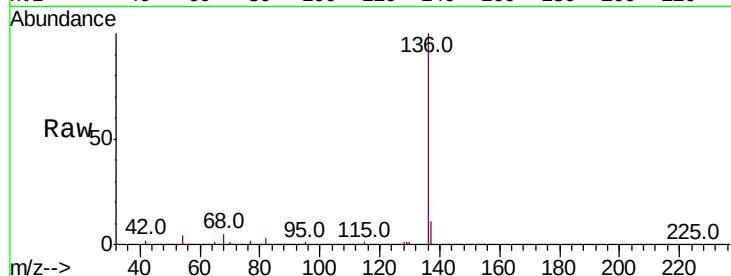
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 4.4 4.2 6.4

68 5.2 4.6 7.0

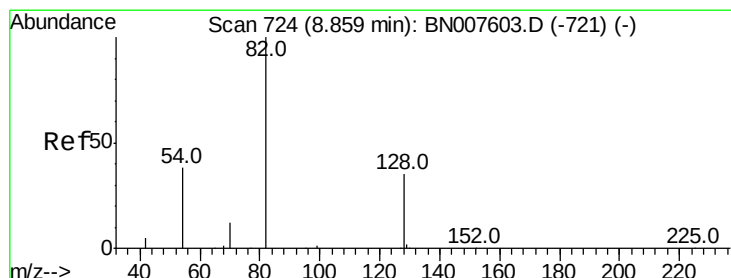
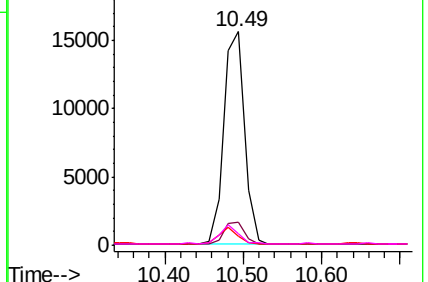
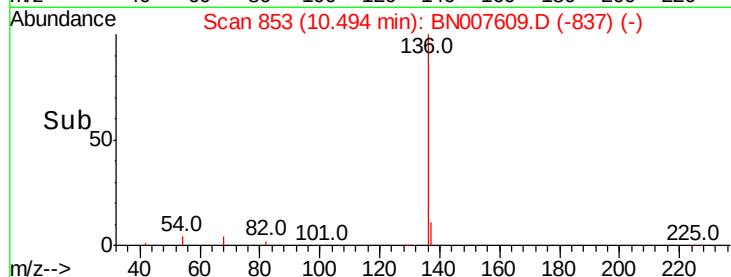


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.397 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

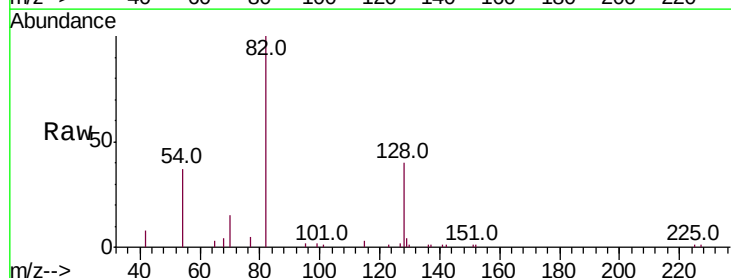
Tgt Ion: 82 Resp: 9096

Ion Ratio Lower Upper

82 100

128 39.7 27.9 41.9

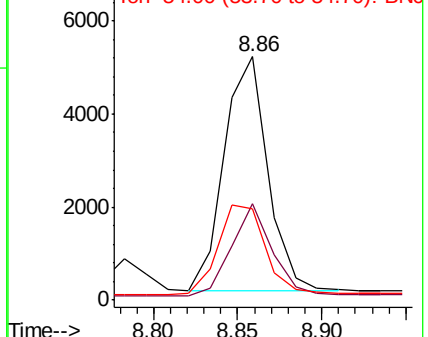
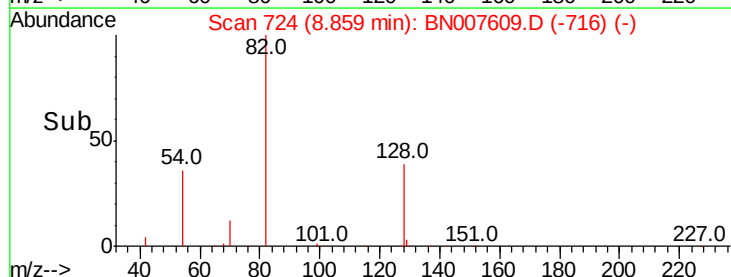
54 37.3 30.9 46.3

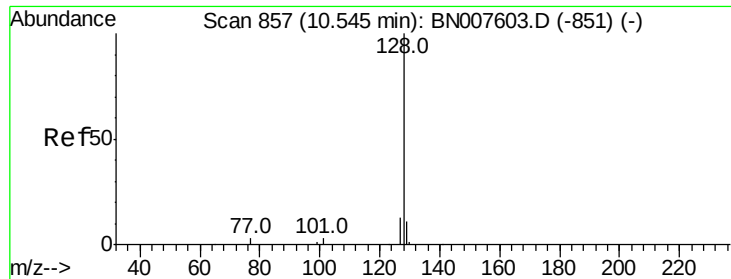


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.427 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :

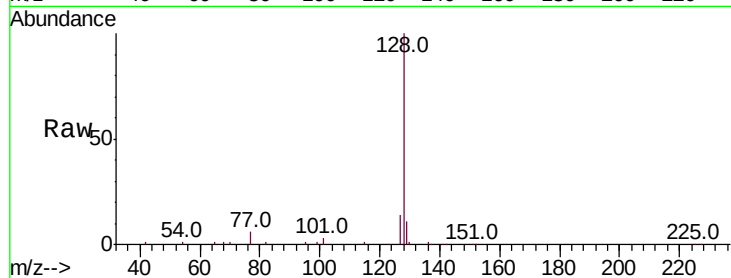
Tot Ion:128 Resp: 35102

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

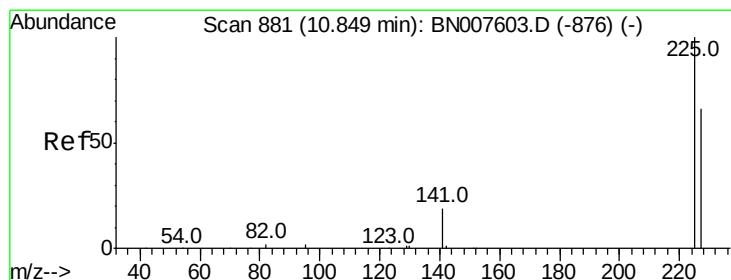
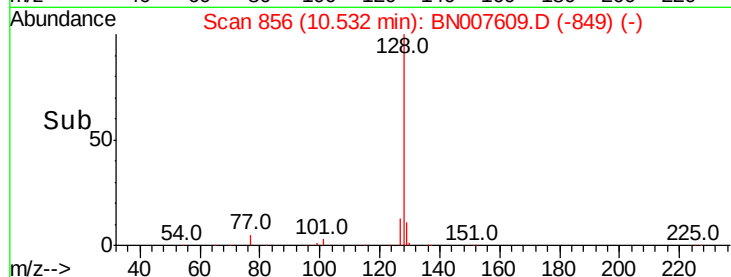
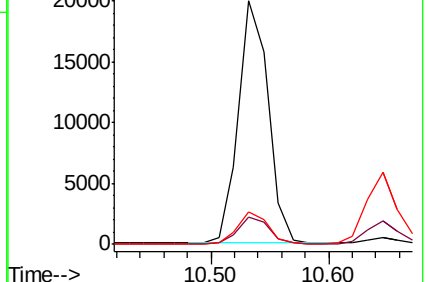
127 13.6 10.4 15.6



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: 0.431 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

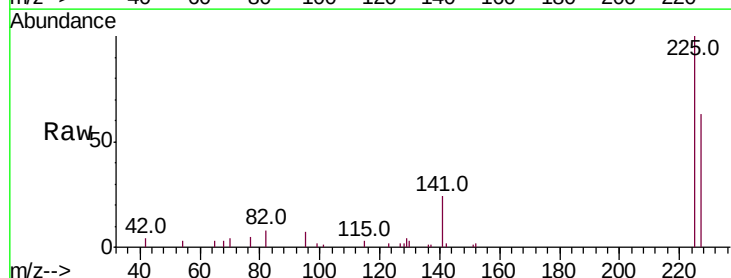
Tgt Ion:225 Resp: 7148

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

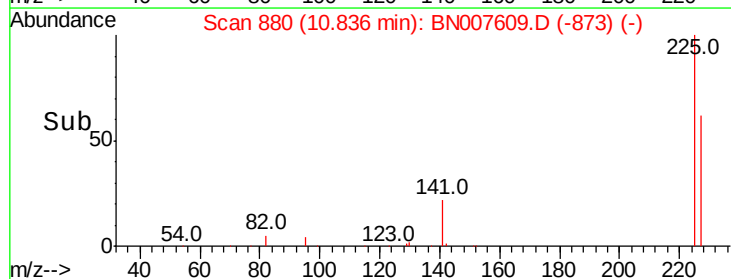
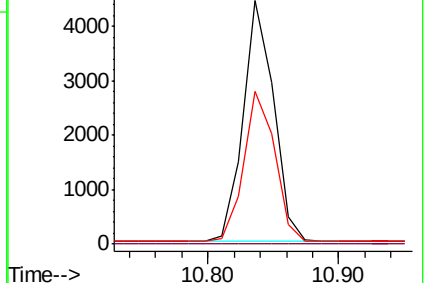
227 63.4 51.3 76.9

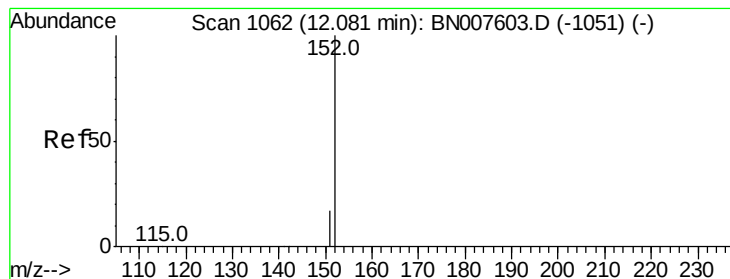


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.420 ng

RT: 12.08 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

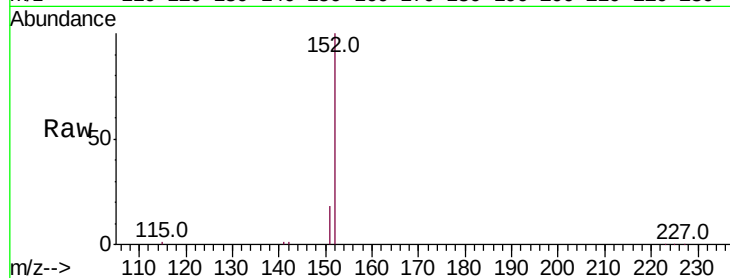
ClientSampleId :

Tot Ion:152 Resp: 20426

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.08

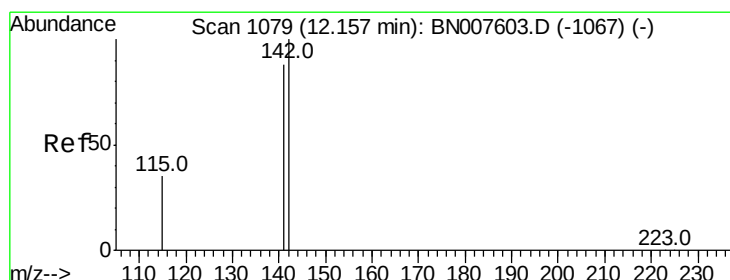
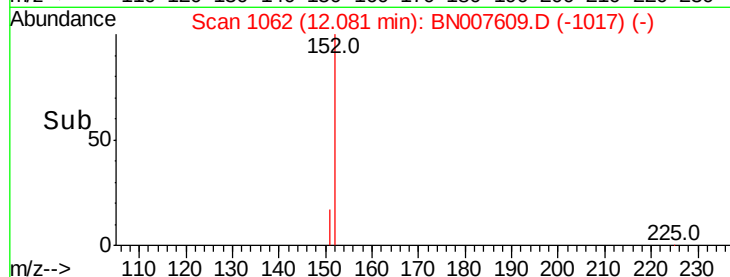
15000

10000

5000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.422 ng

RT: 12.15 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

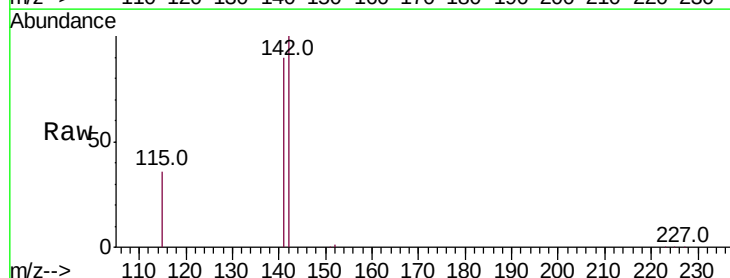
Tgt Ion:142 Resp: 23344

Ion Ratio Lower Upper

142 100

141 89.8 70.5 105.7

115 36.1 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

12.15

20000

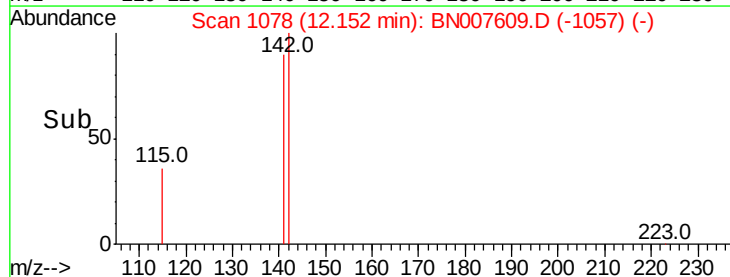
15000

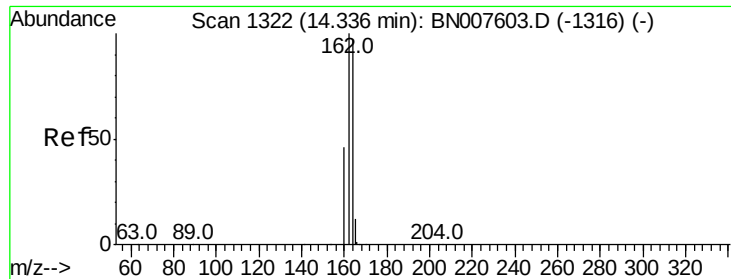
10000

5000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

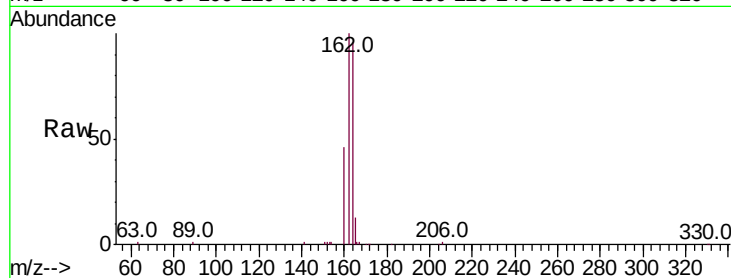
Instrument :

BNA_N

ClientSampled :

Tot Ion:164 Resp: 16299

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.8	124.2
160	47.9	38.0	57.0

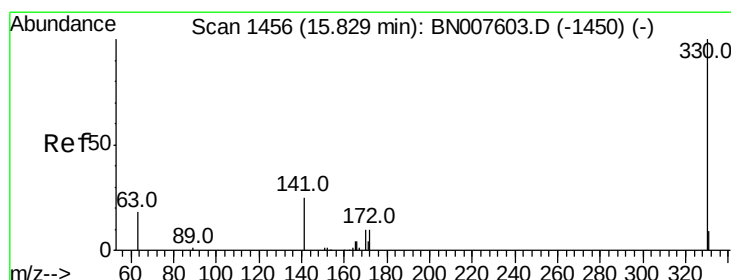
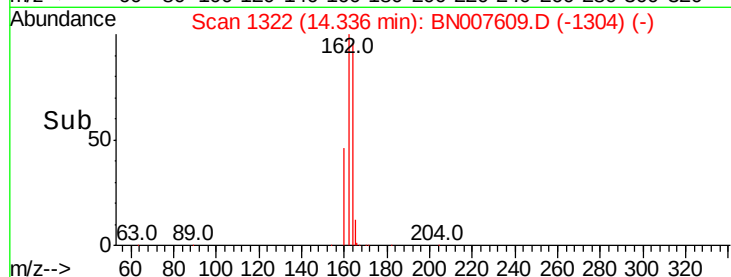
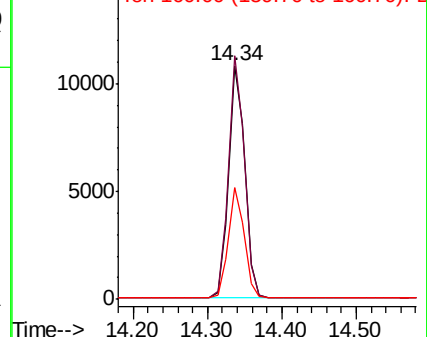


Abundance

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: 0.314 ng

RT: 15.83 min Scan# 1456

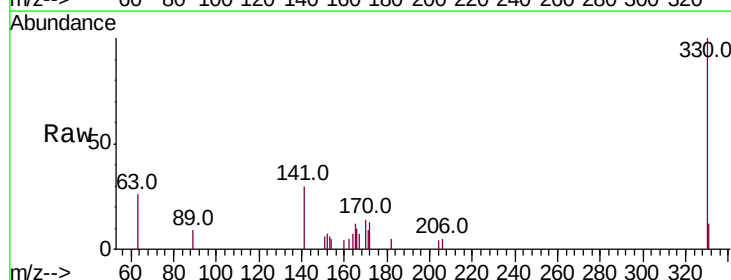
Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Tgt Ion:330 Resp: 1934

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.2	30.1	45.1

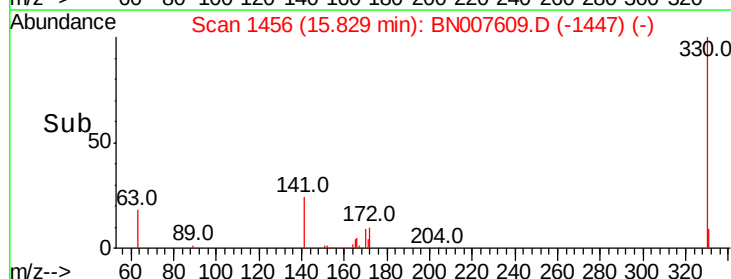
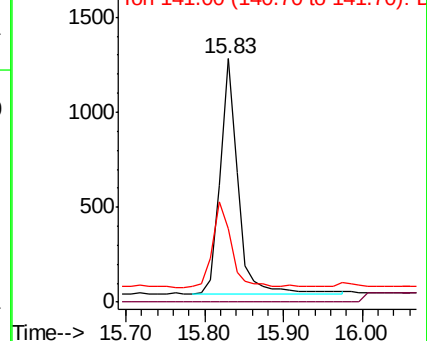


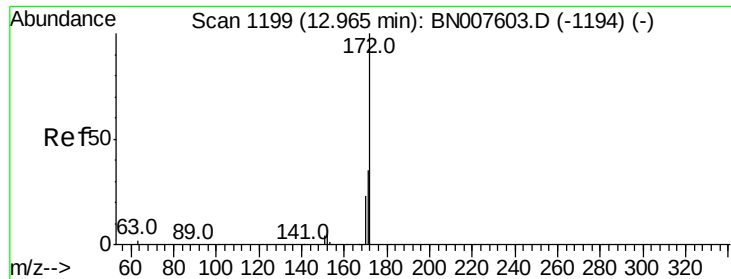
Abundance

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

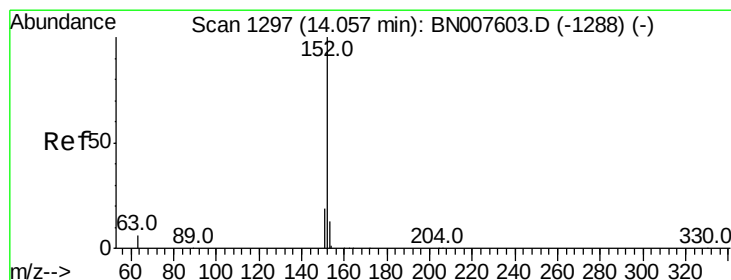
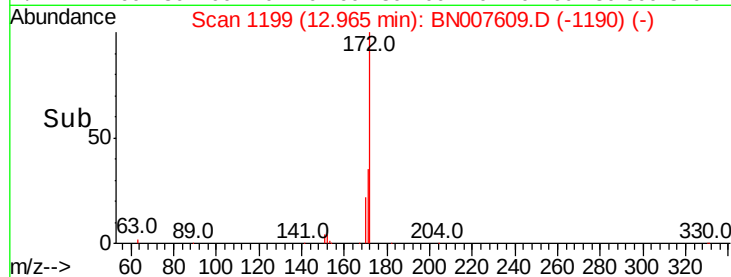
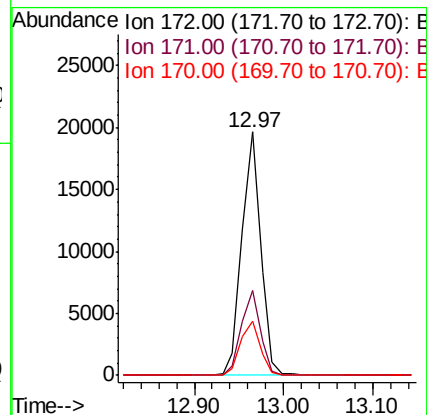
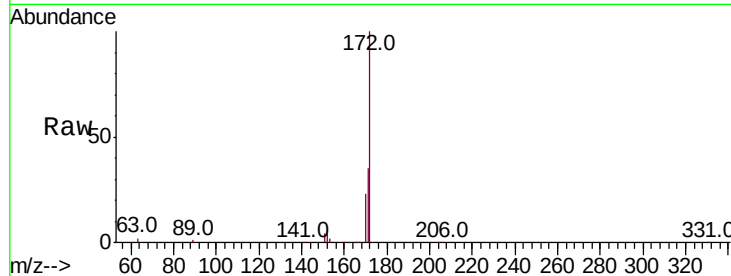




#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007609.D
Acq: 12 Sep 2019 15:21

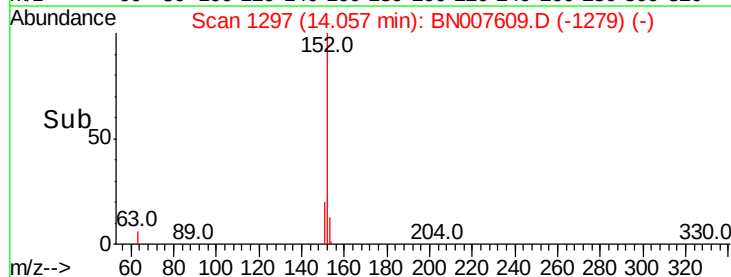
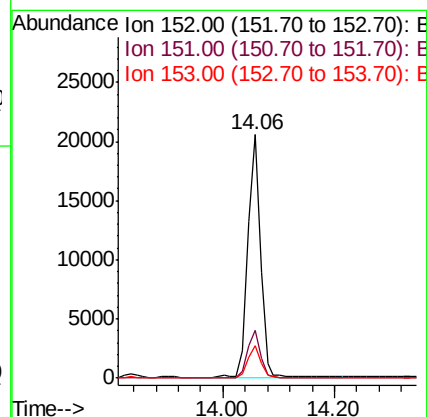
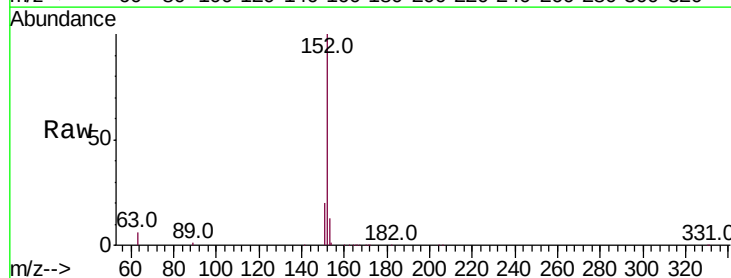
Instrument :
BNA_N
ClientSampled :

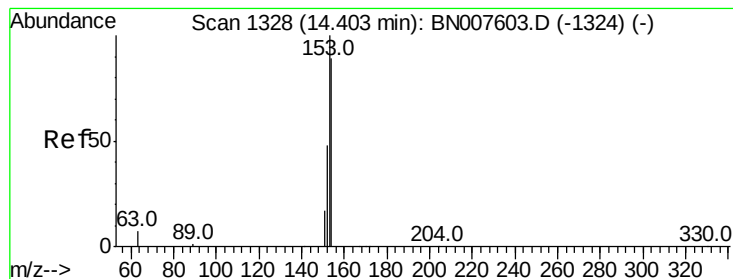
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	22.5	18.5	27.7



#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007609.D
Acq: 12 Sep 2019 15:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.8	10.4	15.6





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :

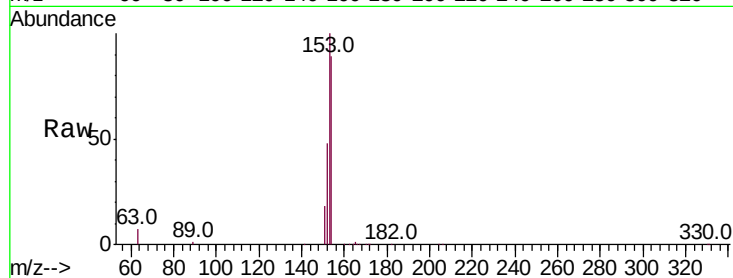
Tot Ion:154 Resp: 21406

Ion Ratio Lower Upper

154 100

153 112.2 89.8 134.8

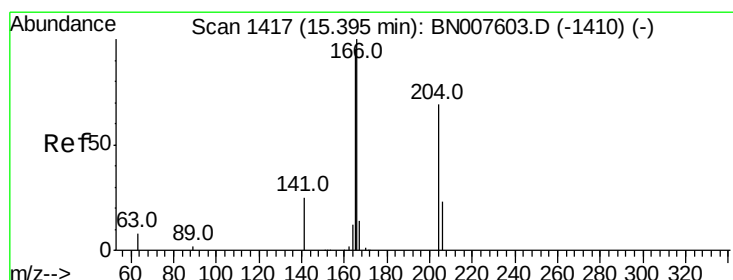
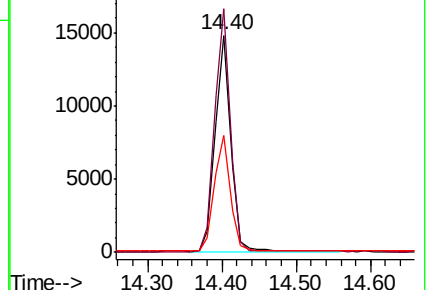
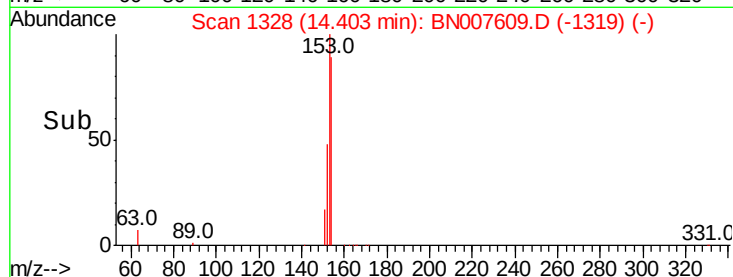
152 55.0 43.8 65.8



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: 0.389 ng

RT: 15.39 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

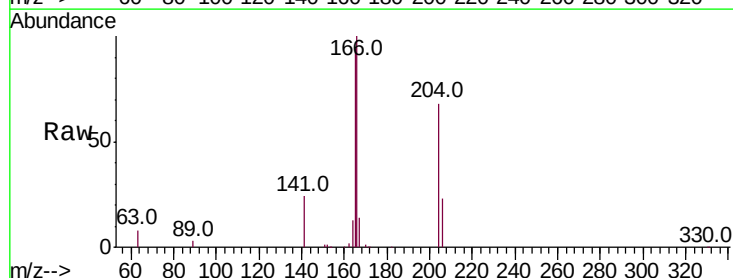
Tgt Ion:166 Resp: 27108

Ion Ratio Lower Upper

166 100

165 97.1 77.8 116.6

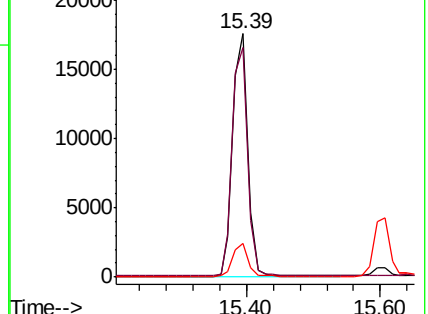
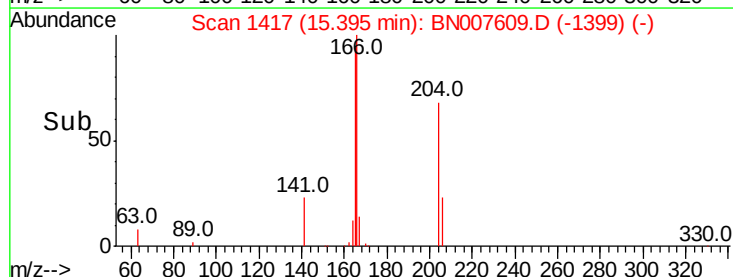
167 13.6 10.8 16.2

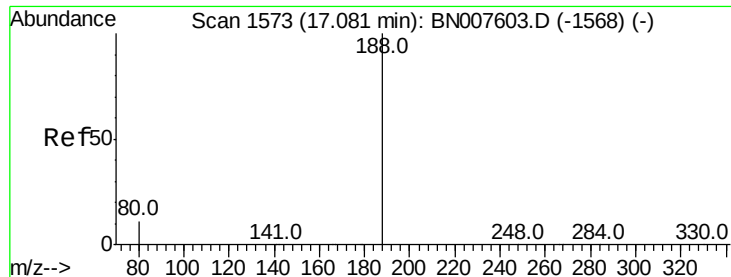


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :

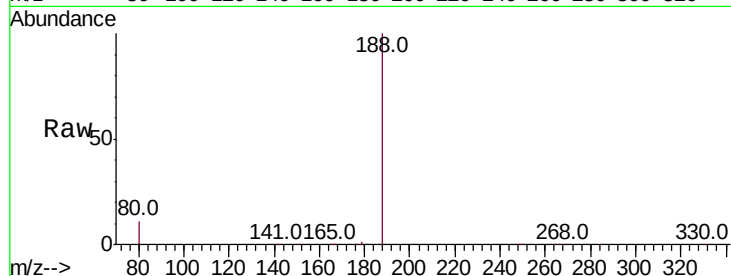
Tot Ion:188 Resp: 33409

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

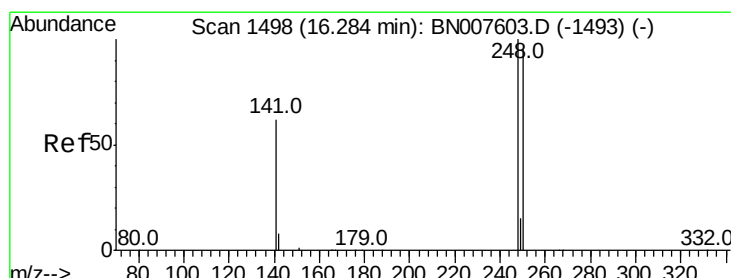
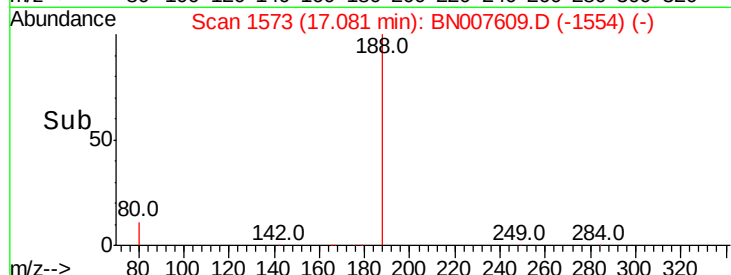
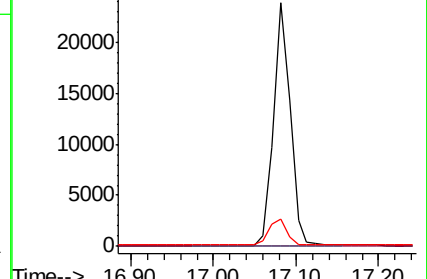
80 11.1 8.8 13.2



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: 0.424 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

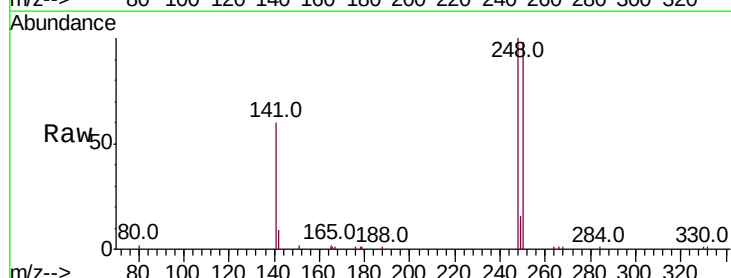
Tgt Ion:248 Resp: 8755

Ion Ratio Lower Upper

248 100

250 98.3 76.3 114.5

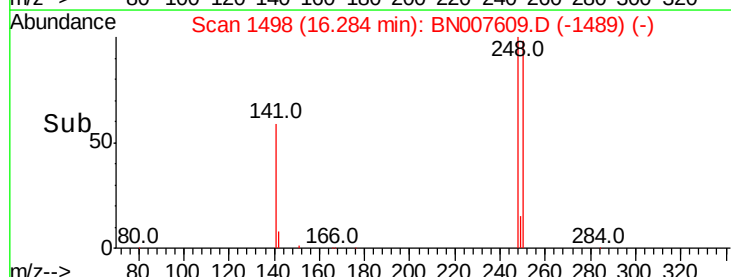
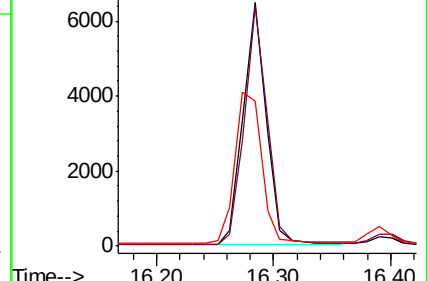
141 59.6 49.7 74.5

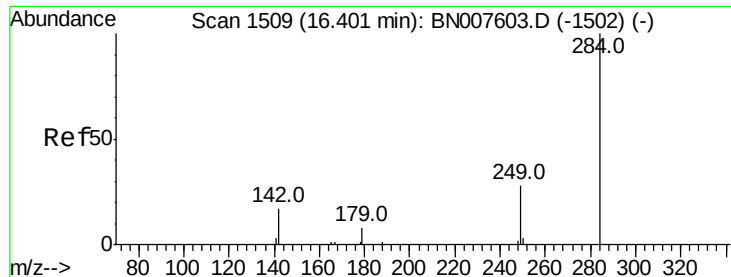


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.432 ng

RT: 16.40 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :

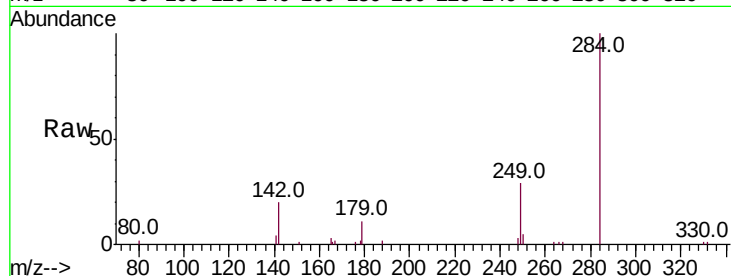
Tot Ion:284 Resp: 9552

Ion Ratio Lower Upper

284 100

142 35.4 27.8 41.6

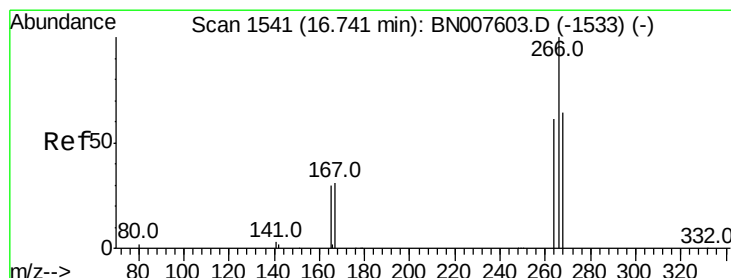
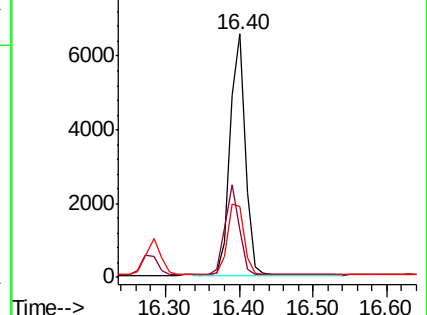
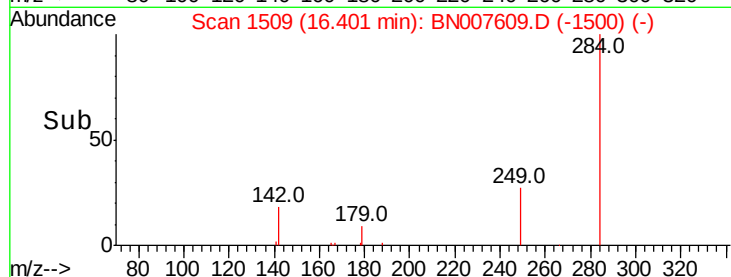
249 32.2 25.5 38.3



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: 0.334 ng

RT: 16.74 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

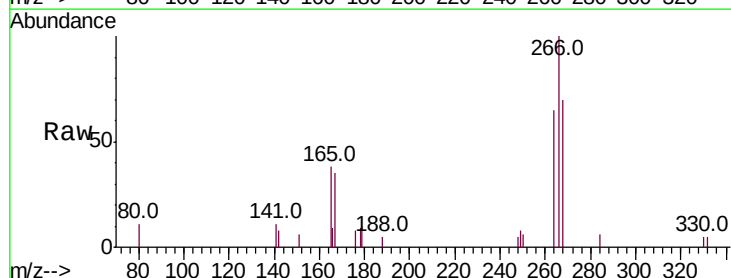
Tgt Ion:266 Resp: 1917

Ion Ratio Lower Upper

266 100

264 64.6 49.4 74.0

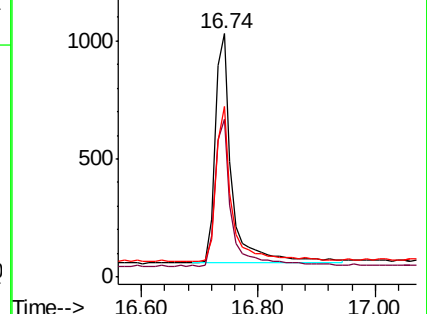
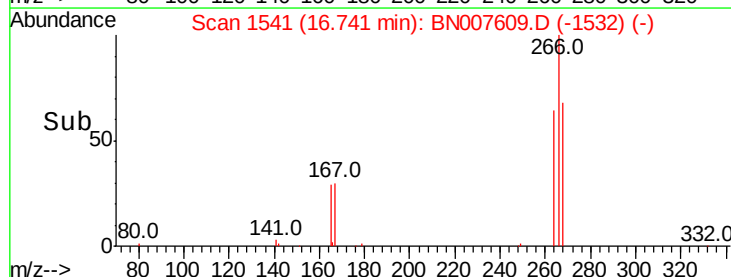
268 70.0 53.0 79.6

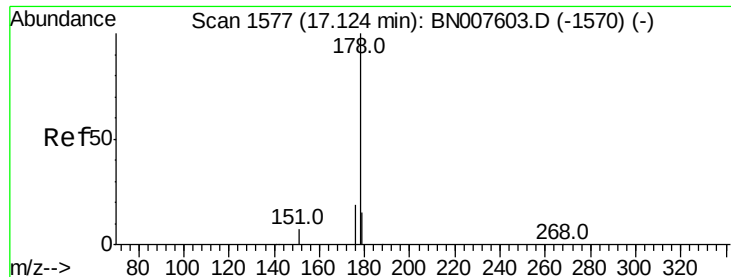


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.429 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :

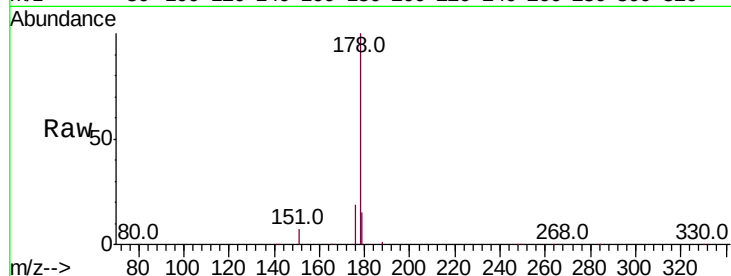
Tot Ion:178 Resp: 45217

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

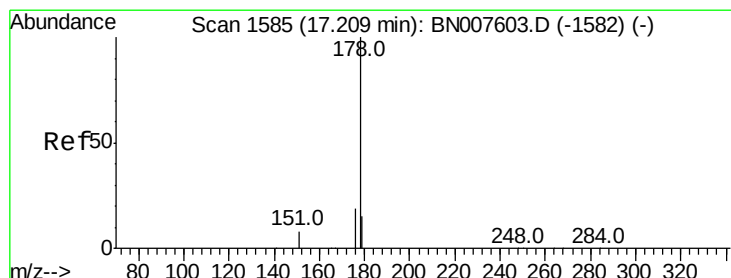
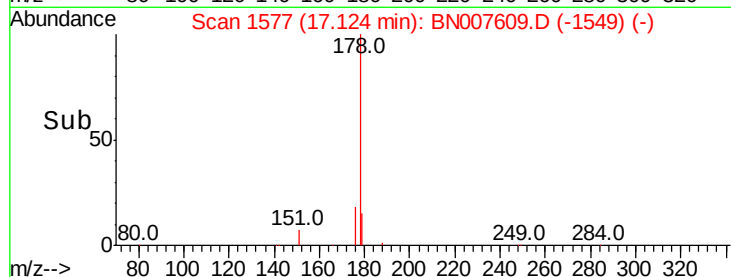
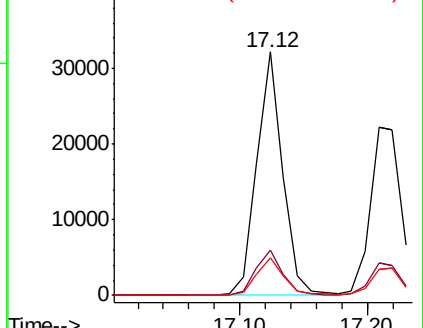
179 15.4 12.4 18.6



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: 0.408 ng

RT: 17.21 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

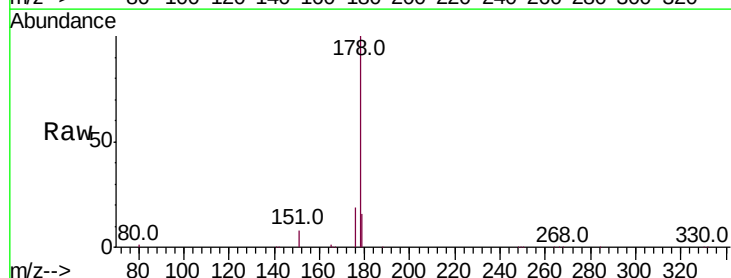
Tgt Ion:178 Resp: 38163

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

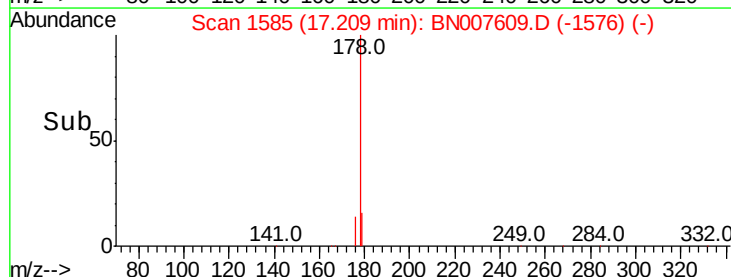
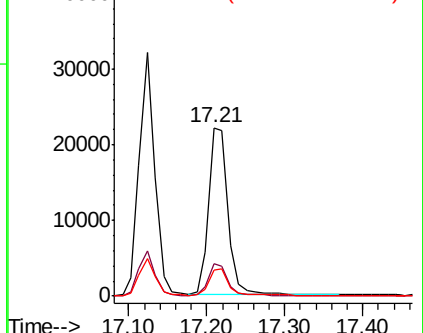
179 15.4 12.4 18.6

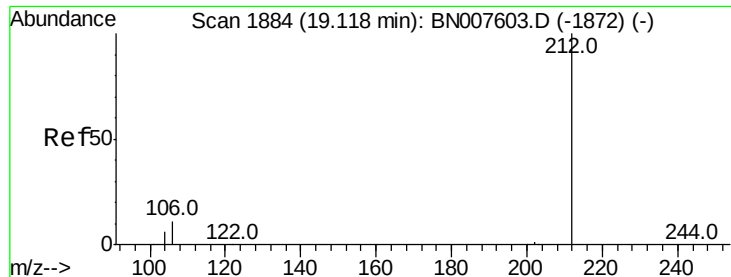


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.420 ng

RT: 19.12 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :

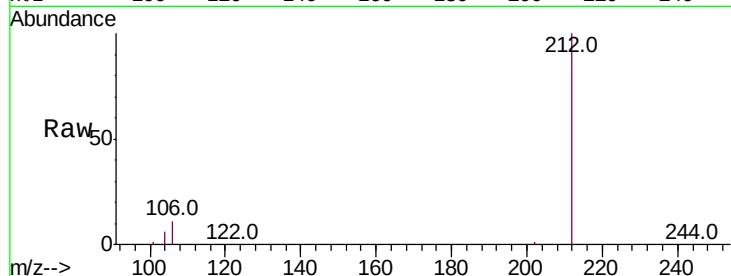
Tot Ion:212 Resp: 44248

Ion Ratio Lower Upper

212 100

106 12.0 9.6 14.4

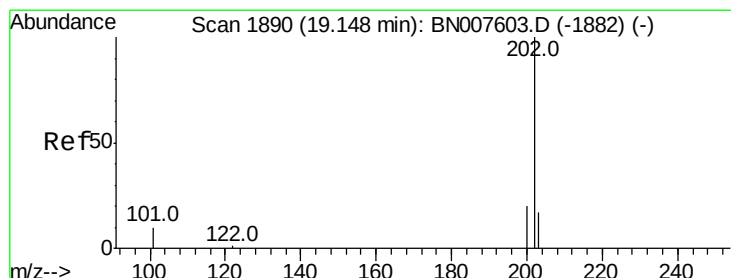
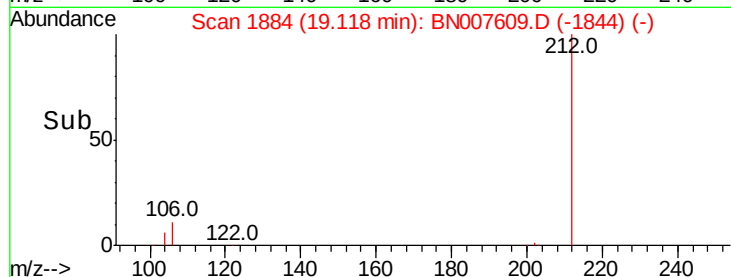
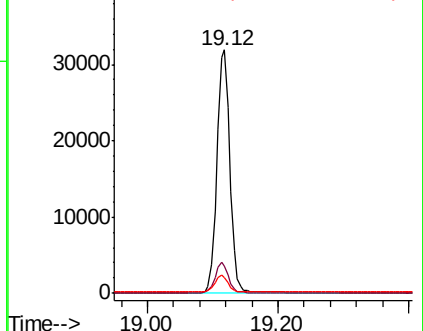
104 6.8 5.4 8.0



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: 0.420 ng

RT: 19.15 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

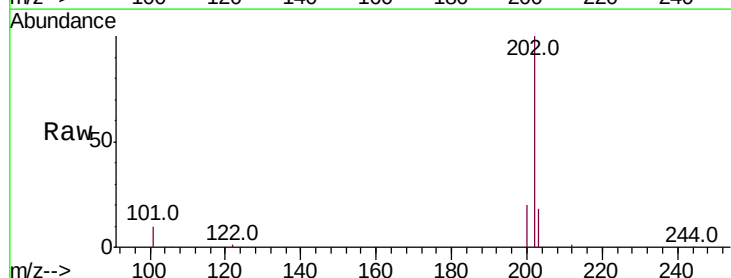
Tgt Ion:202 Resp: 51681

Ion Ratio Lower Upper

202 100

101 10.9 8.6 13.0

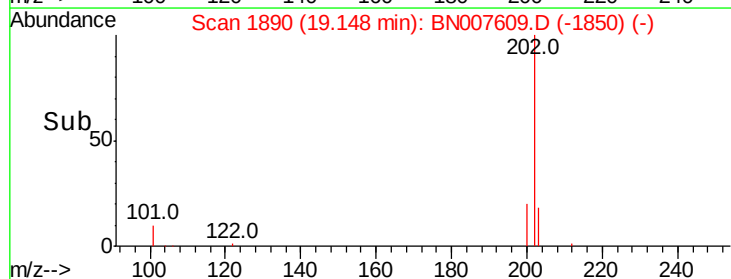
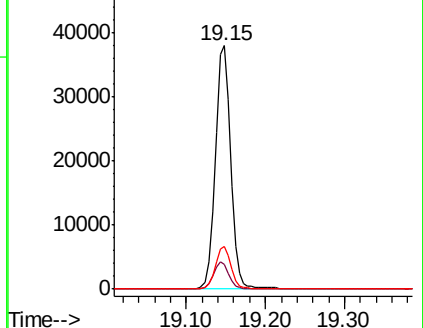
203 17.2 13.8 20.6

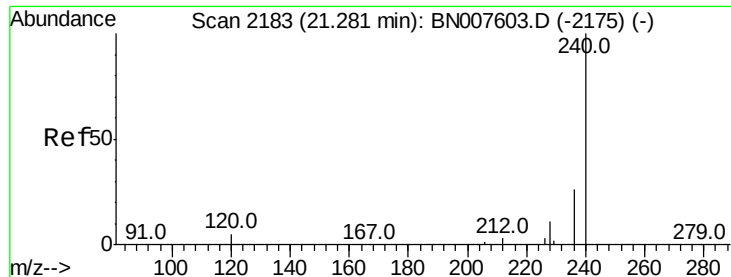


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :

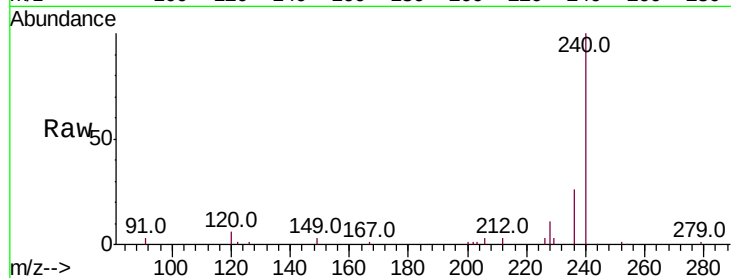
Tot Ion:240 Resp: 33096

Ion Ratio Lower Upper

240 100

120 5.6 4.3 6.5

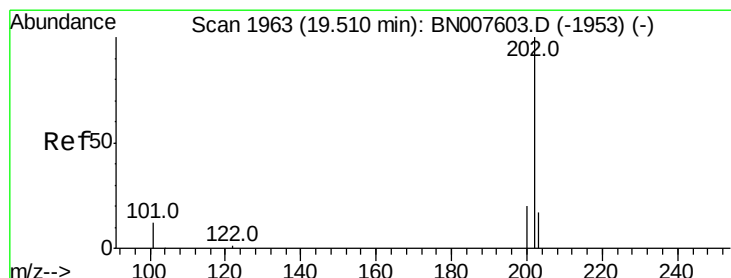
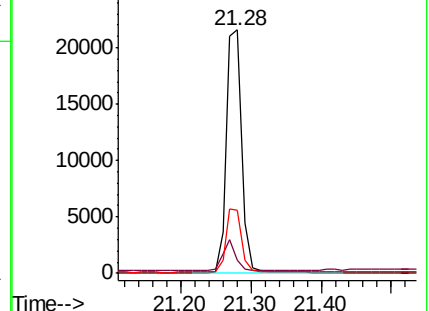
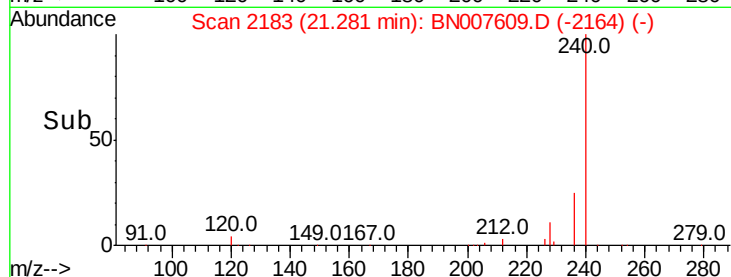
236 25.7 20.8 31.2



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: 0.427 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

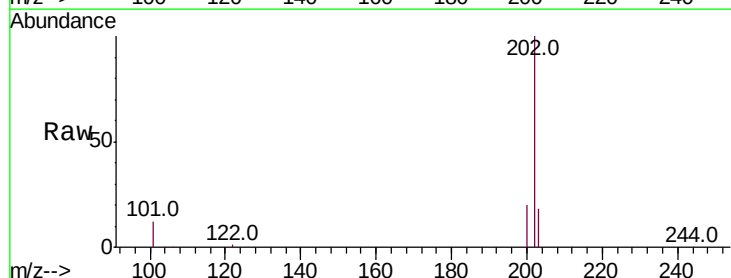
Tgt Ion:202 Resp: 51363

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

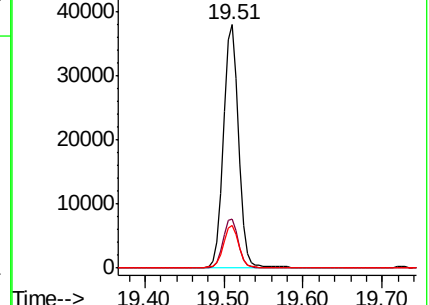
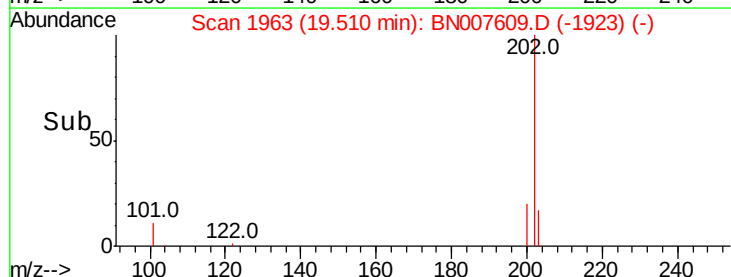
203 17.5 14.0 21.0

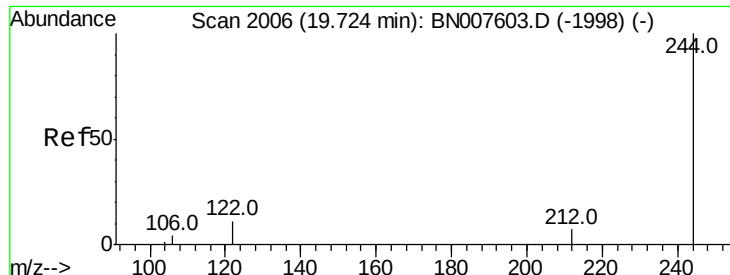


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.426 ng

RT: 19.72 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :

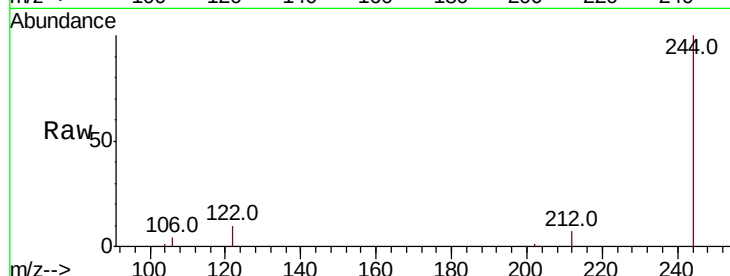
Tot Ion:244 Resp: 37185

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

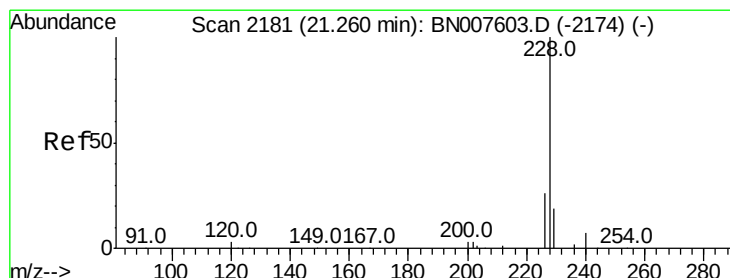
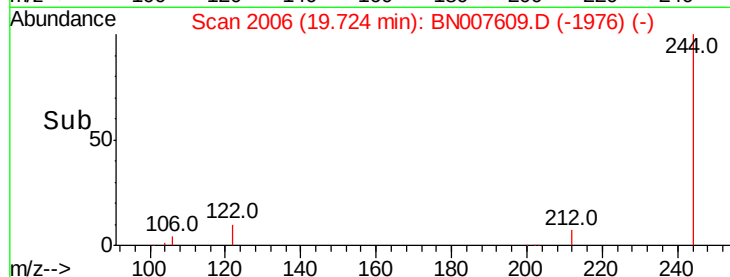
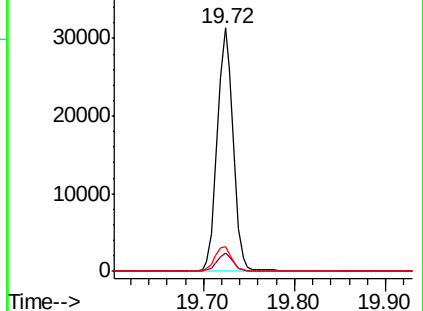
122 10.0 8.6 12.8



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: 0.393 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

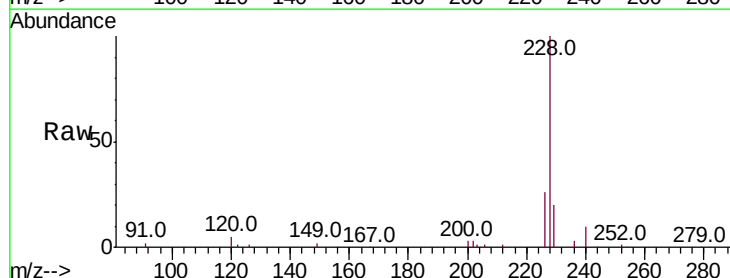
Tgt Ion:228 Resp: 46197

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

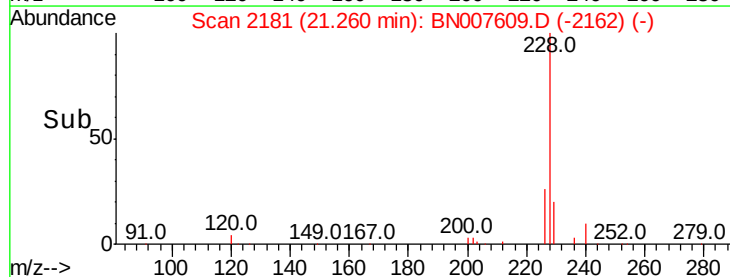
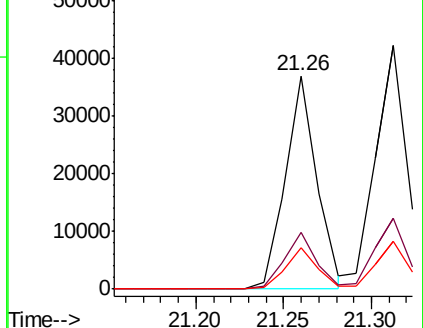
229 19.7 15.5 23.3

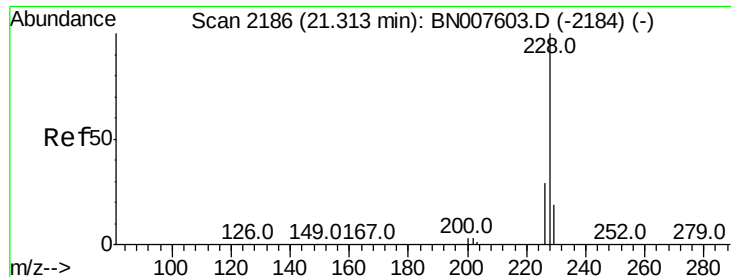


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.434 ng

RT: 21.31 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

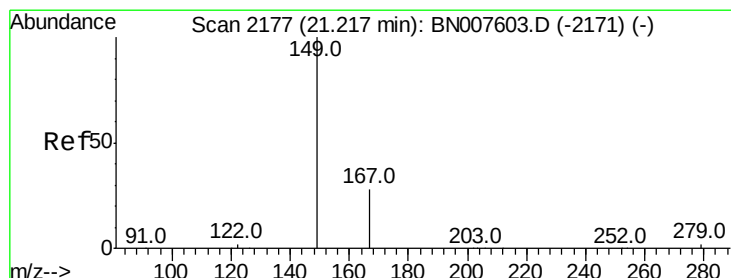
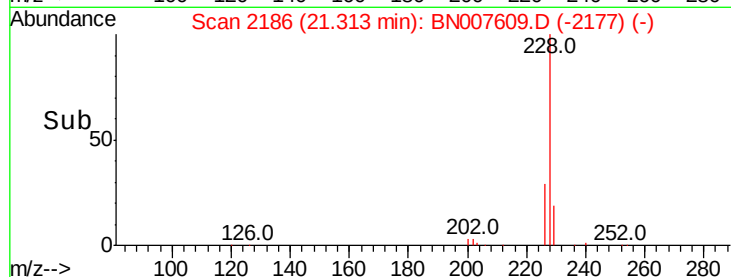
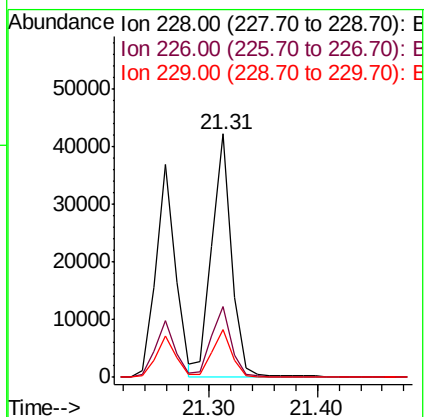
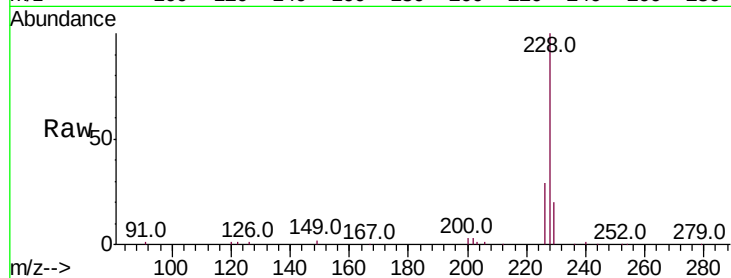
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 53011

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	19.6	15.5	23.3



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.347 ng

RT: 21.22 min Scan# 2177

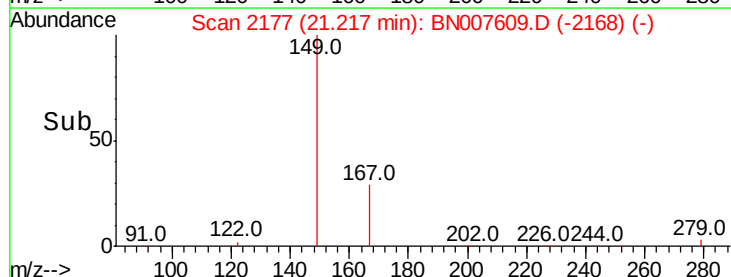
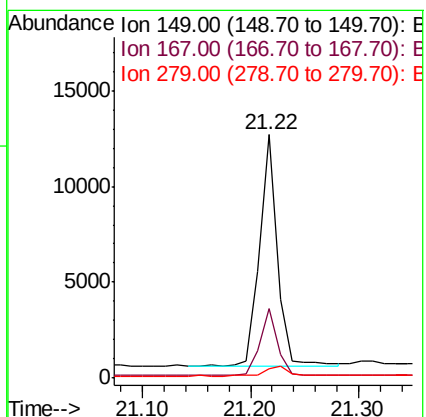
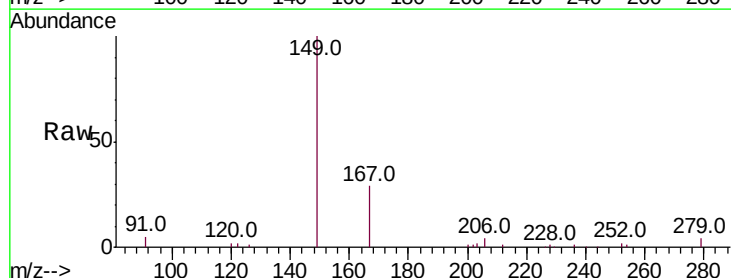
Delta R.T. -0.00 min

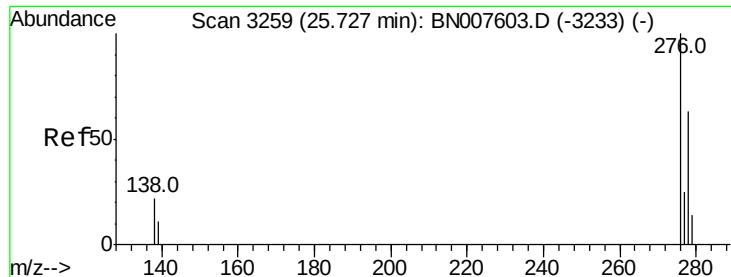
Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Tgt Ion:149 Resp: 13803

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	34.0
279	5.1	3.8	5.6





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.423 ng

RT: 25.72 min Scan# 3258

Delta R.T. -0.00 min

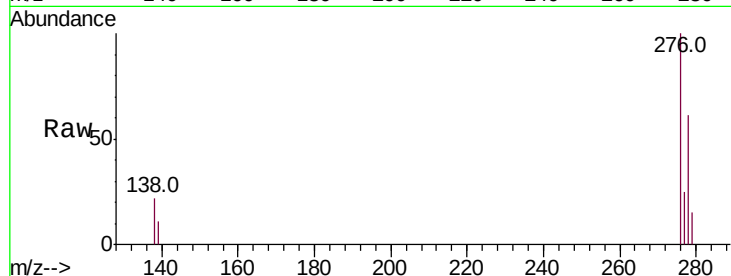
Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :



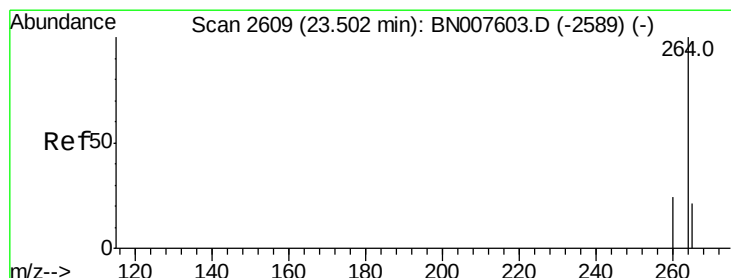
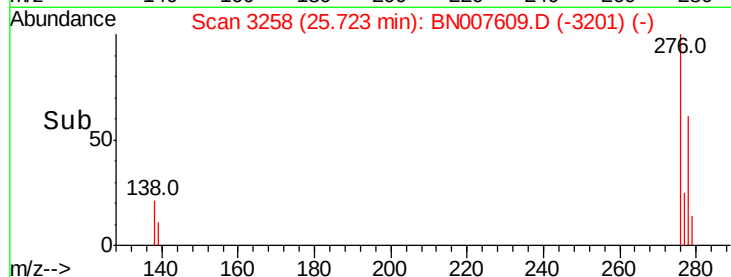
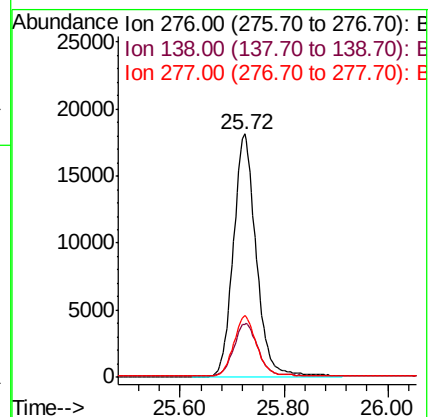
Tot Ion:276 Resp: 55211

Ion Ratio Lower Upper

276 100

138 22.8 18.2 27.4

277 24.9 20.1 30.1



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

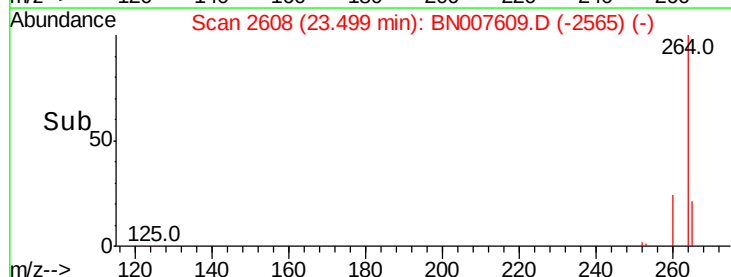
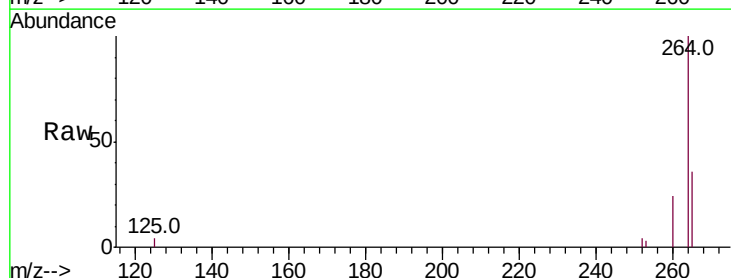
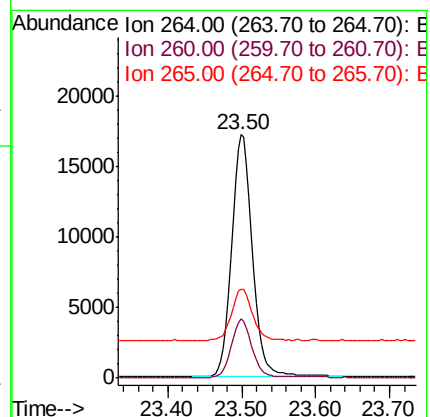
Tgt Ion:264 Resp: 33348

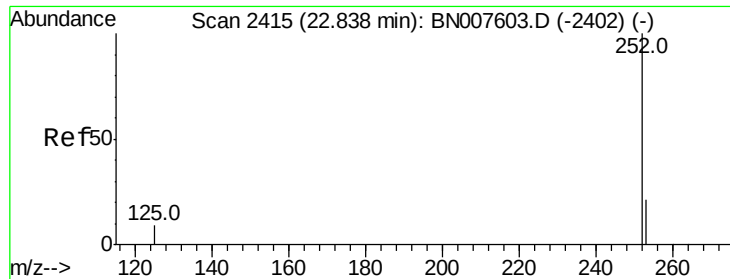
Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 36.4 24.6 37.0

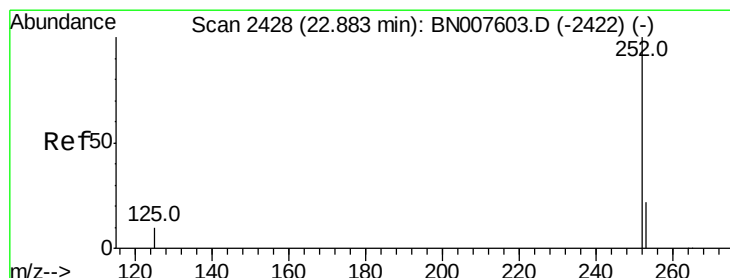
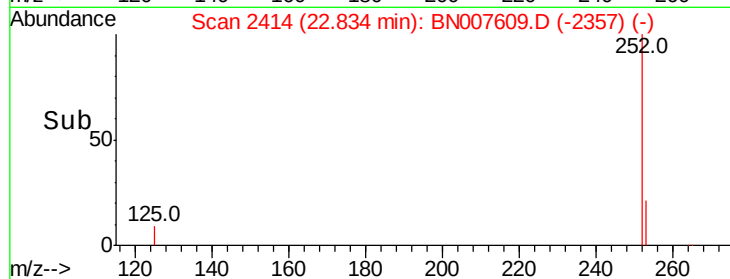
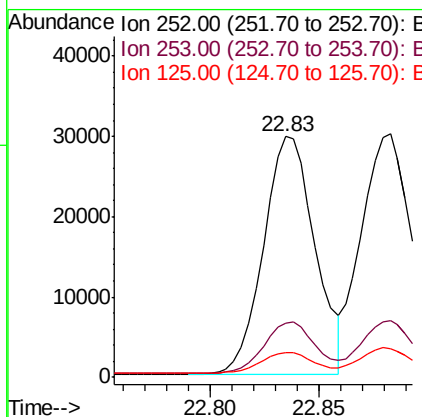
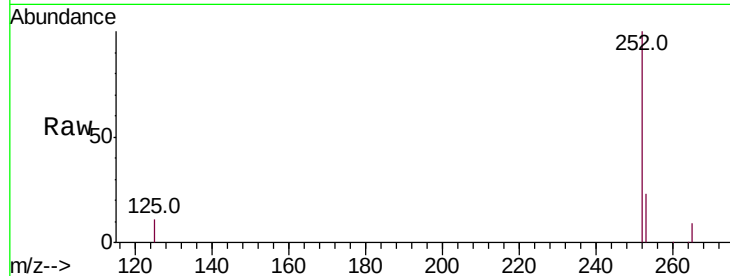




#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 22.83 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BN007609.D
Acq: 12 Sep 2019 15:21

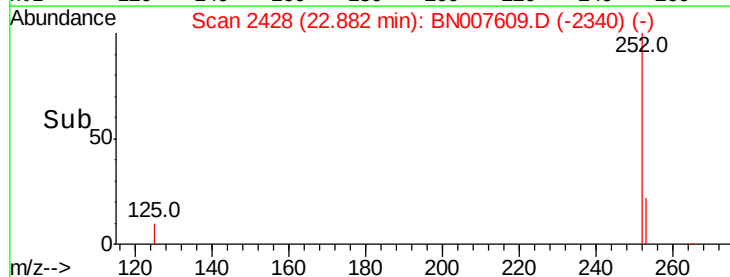
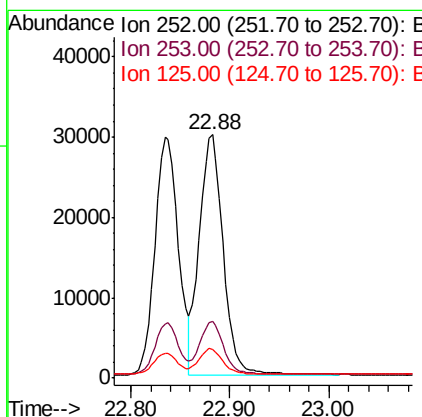
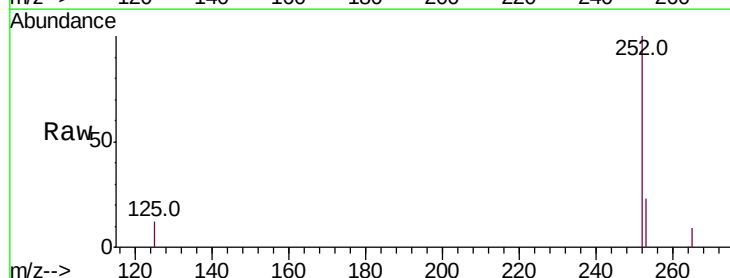
Instrument :
BNA_N
ClientSampleId :

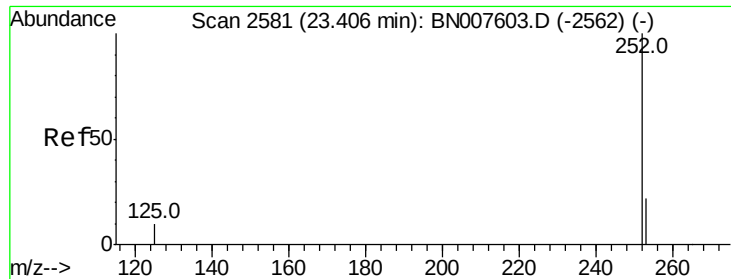
Tot Ion:252 Resp: 48832
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.5 8.0 12.0



#36
Benzo(k)fluoranthene
Concen: 0.407 ng
RT: 22.88 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BN007609.D
Acq: 12 Sep 2019 15:21

Tgt Ion:252 Resp: 50387
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 11.9 8.9 13.3





#37

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.40 min Scan# 2580

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :

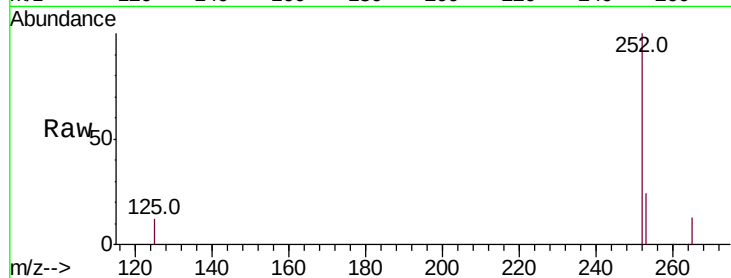
Tot Ion:252 Resp: 41994

Ion Ratio Lower Upper

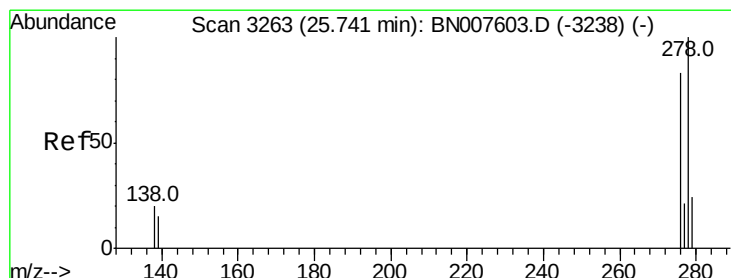
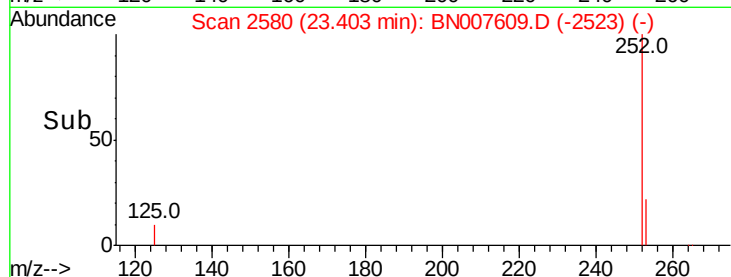
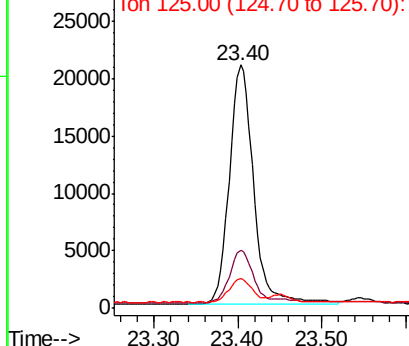
252 100

253 23.7 18.3 27.5

125 12.3 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: 0.407 ng

RT: 25.74 min Scan# 3263

Delta R.T. -0.00 min

Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

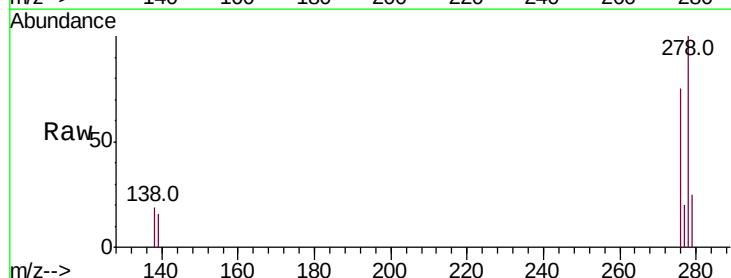
Tgt Ion:278 Resp: 45781

Ion Ratio Lower Upper

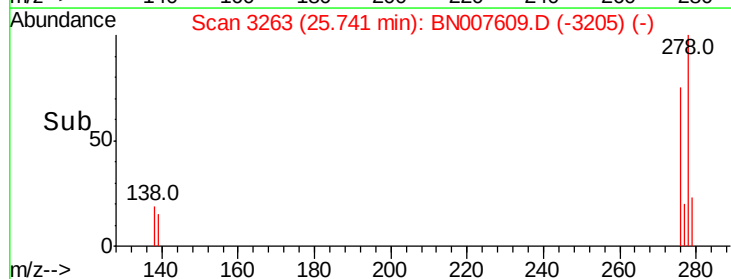
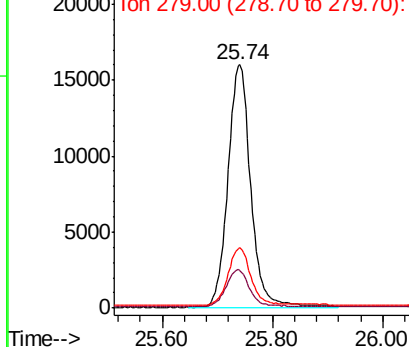
278 100

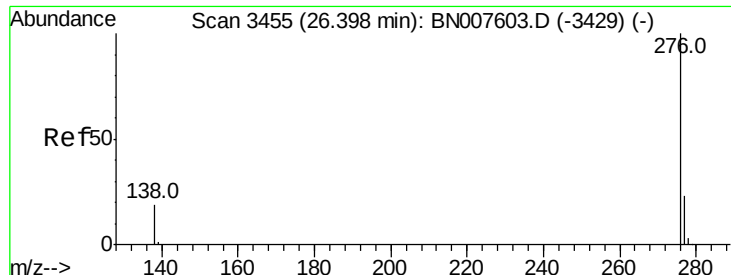
139 15.6 12.6 18.8

279 24.6 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: 0.403 ng

RT: 26.40 min Scan# 3455

Delta R.T. -0.00 min

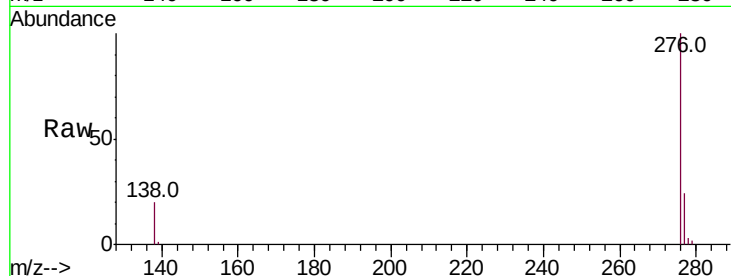
Lab File: BN007609.D

Acq: 12 Sep 2019 15:21

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 44865

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 19.9 15.8 23.6

