

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
 Data File : BN007608.D
 Acq On : 12 Sep 2019 14:40
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN091219

Quant Time: Sep 12 15:39:26 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	7399	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	28703	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	16138	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	33346	0.40	ng	0.00
27) Chrysene-d12	21.28	240	33463	0.40	ng	0.00
34) Perylene-d12	23.50	264	33251	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	8413	0.36	ng	0.00
5) Phenol-d6	6.89	99	10696	0.37	ng	0.00
8) Nitrobenzene-d5	8.86	82	9158	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	20351	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1982	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	28301	0.40	ng	0.00
25) Fluoranthene-d10	19.12	212	44082	0.42	ng	0.00
29) Terphenyl-d14	19.72	244	37175	0.42	ng	0.00

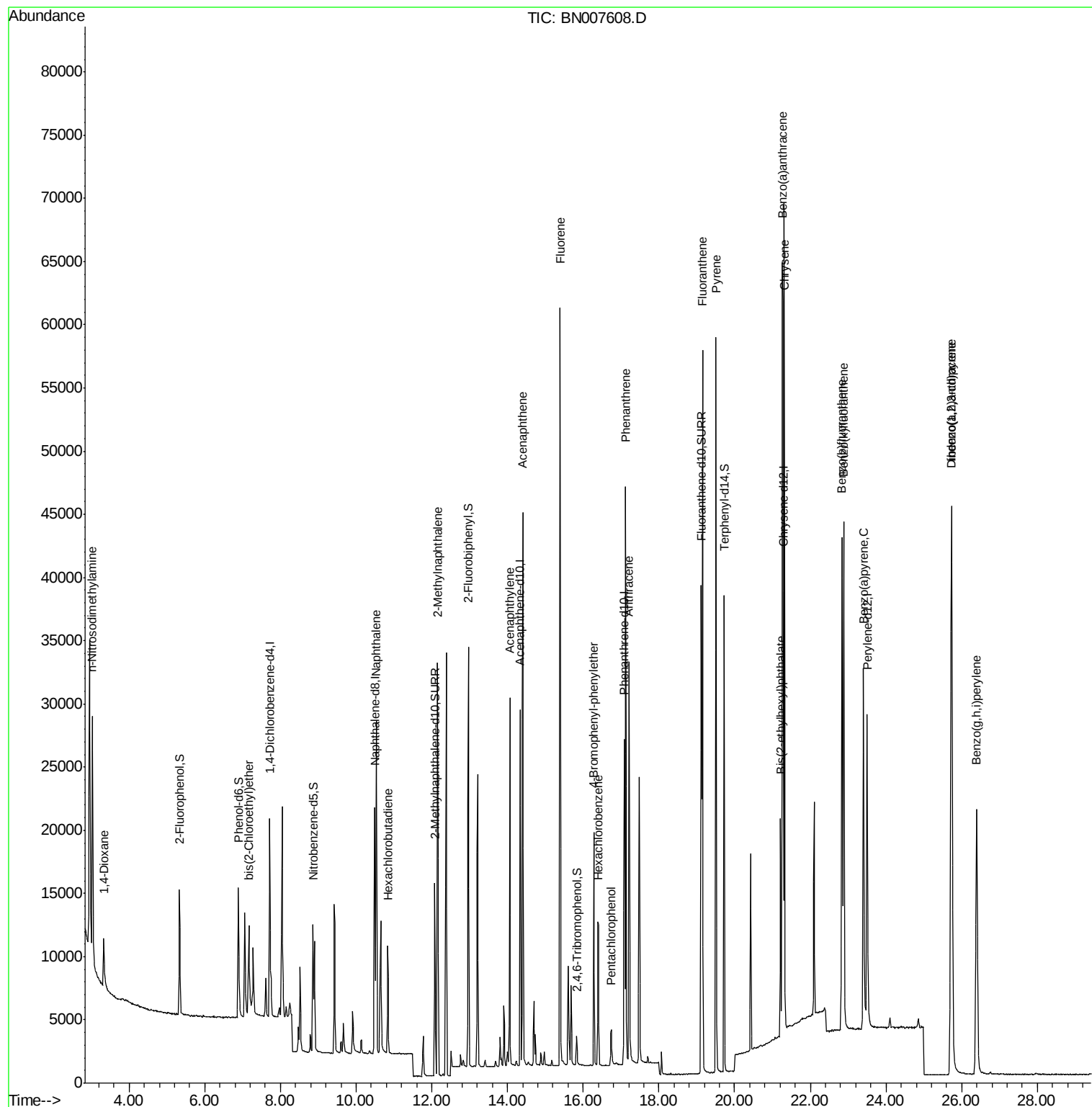
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	3518	0.397	ng	98
3) n-Nitrosodimethylamine	3.03	42	2430	0.604	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	8077	0.372	ng	96
9) Naphthalene	10.53	128	34995	0.426	ng	99
10) Hexachlorobutadiene	10.84	225	7074	0.427	ng	# 100
12) 2-Methylnaphthalene	12.15	142	23323	0.422	ng	99
16) Acenaphthylene	14.06	152	31611	0.377	ng	100
17) Acenaphthene	14.40	154	21637	0.395	ng	99
18) Fluorene	15.39	166	27017	0.391	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	8706	0.422	ng	96
21) Hexachlorobenzene	16.40	284	9569	0.434	ng	99
22) Pentachlorophenol	16.74	266	1936	0.338	ng	99
23) Phenanthrene	17.12	178	44945	0.427	ng	100
24) Anthracene	17.21	178	38375	0.412	ng	99
26) Fluoranthene	19.15	202	51543	0.419	ng	100
28) Pyrene	19.51	202	51321	0.422	ng	100
30) Benzo(a)anthracene	21.26	228	47520	0.400	ng	99
31) Chrysene	21.31	228	51615	0.418	ng	100
32) Bis(2-ethylhexyl)phthalate	21.22	149	13793	0.343	ng	100
33) Indeno(1,2,3-cd)pyrene	25.72	276	55140	0.418	ng	100
35) Benzo(b)fluoranthene	22.84	252	48269	0.400	ng	98
36) Benzo(k)fluoranthene	22.88	252	50671	0.410	ng	99
37) Benzo(a)pyrene	23.40	252	42094	0.393	ng	98
38) Dibenzo(a,h)anthracene	25.74	278	45889	0.409	ng	100
39) Benzo(g,h,i)perylene	26.39	276	44951	0.405	ng	99

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

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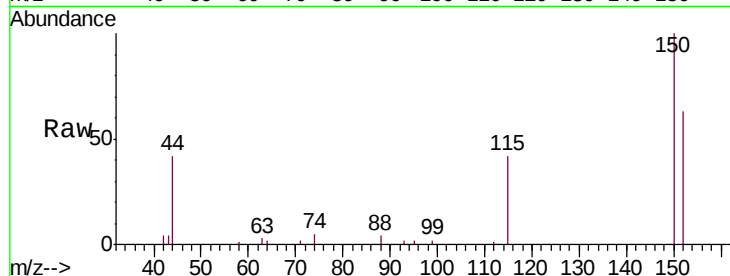


#1

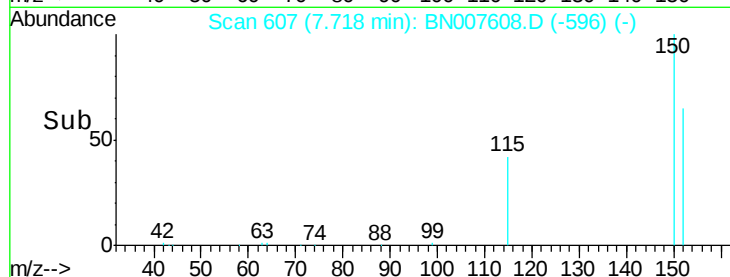
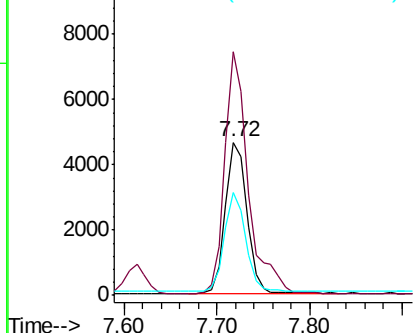
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Instrument :
BNA_N
ClientSampleId :
ICVBN091219

Tgt Ion:152 Resp: 7399
Ion Ratio Lower Upper
152 100
150 159.0 122.4 183.6
115 67.2 50.4 75.6



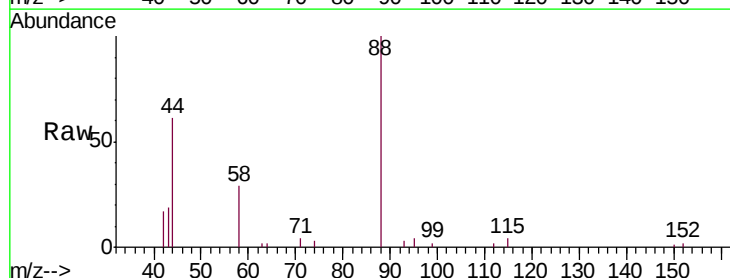
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



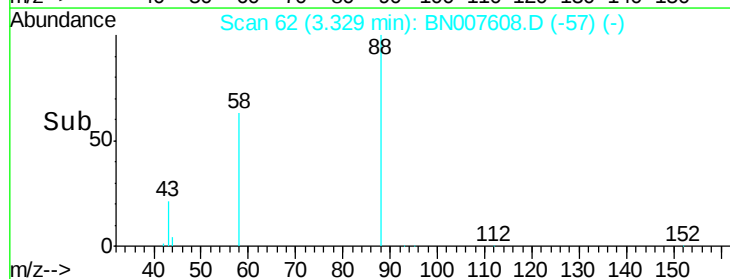
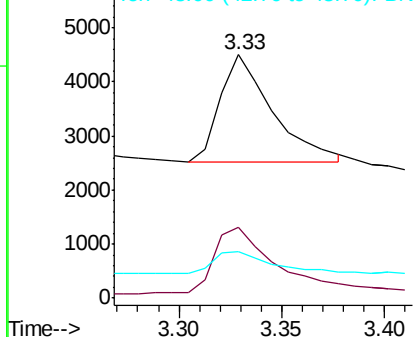
#2

1,4-Dioxane
Concen: 0.397 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion: 88 Resp: 3518
Ion Ratio Lower Upper
88 100
58 70.1 57.0 85.4
43 23.3 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: 0.604 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

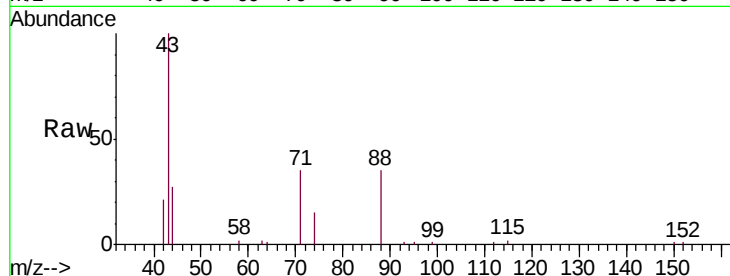
Tgt Ion: 42 Resp: 2430

Ion Ratio Lower Upper

42 100

74 109.8 9.8 14.8#

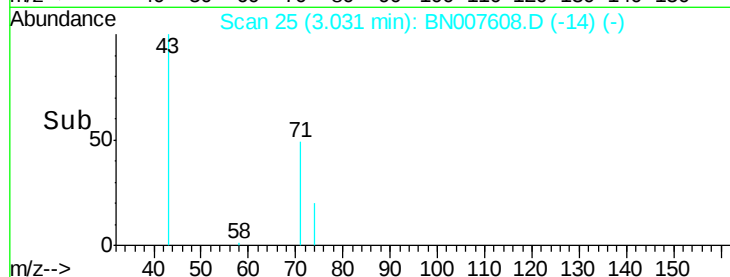
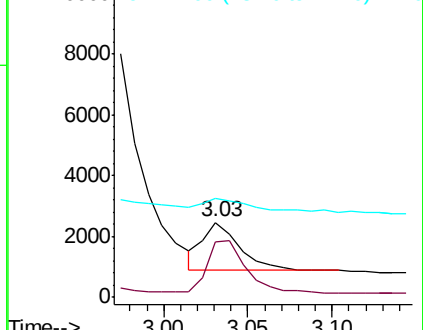
44 37.5 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007603.D (-24) (-)

Ion 74.00 (73.70 to 74.70): BN007603.D (-24) (-)

Ion 44.00 (43.70 to 44.70): BN007603.D (-24) (-)



#4

2-Fluorophenol

Concen: 0.355 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

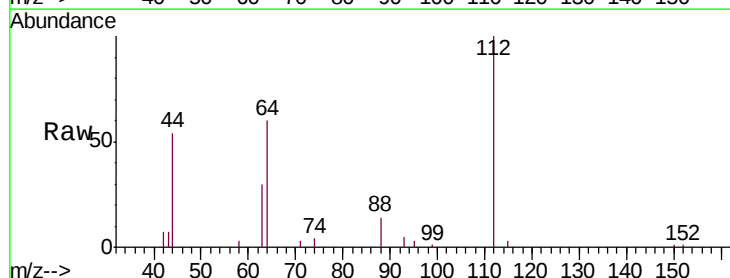
Tgt Ion: 112 Resp: 8413

Ion Ratio Lower Upper

112 100

64 61.2 48.5 72.7

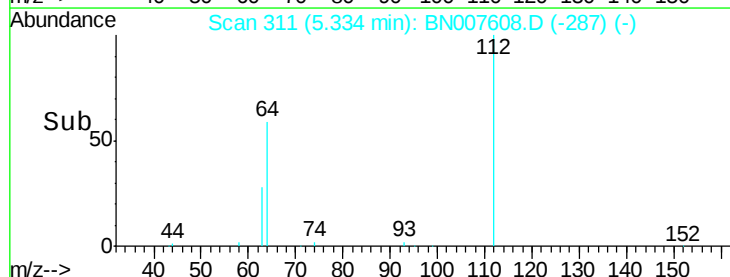
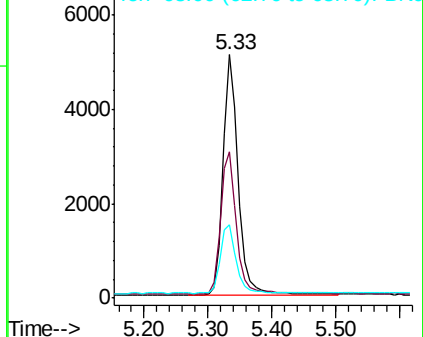
63 31.0 24.4 36.6

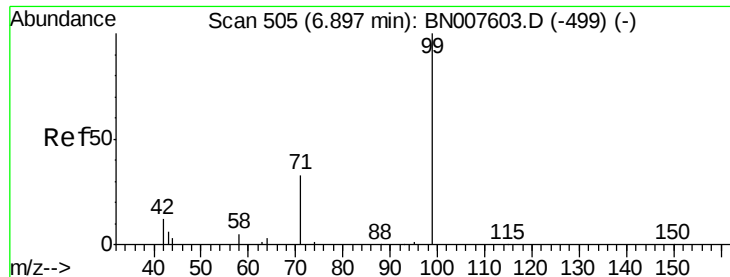


Abundance Ion 112.00 (111.70 to 112.70): BN007603.D (-306) (-)

Ion 64.00 (63.70 to 64.70): BN007603.D (-306) (-)

Ion 63.00 (62.70 to 63.70): BN007603.D (-306) (-)





#5

Phenol-d6

Concen: 0.371 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

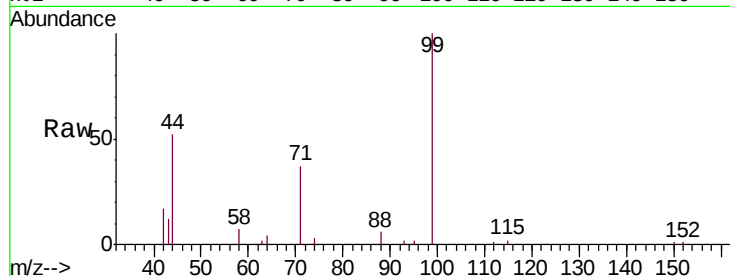
Tgt Ion: 99 Resp: 10696

Ion Ratio Lower Upper

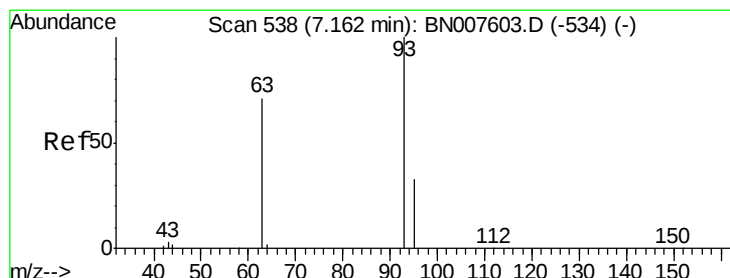
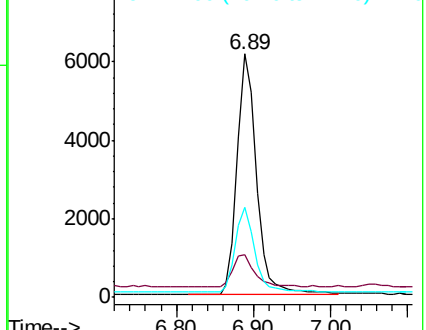
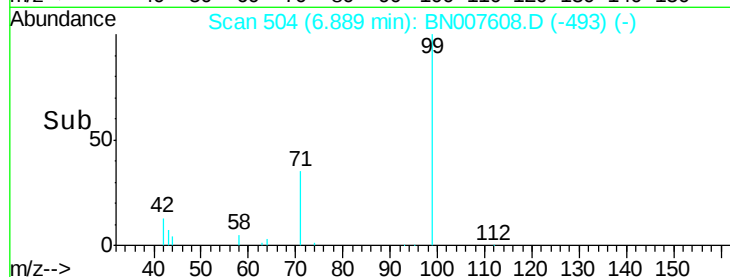
99 100

42 15.0 11.8 17.6

71 34.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007608.D (-513) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.372 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

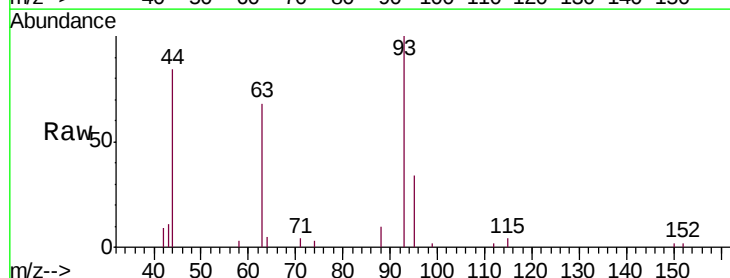
Tgt Ion: 93 Resp: 8077

Ion Ratio Lower Upper

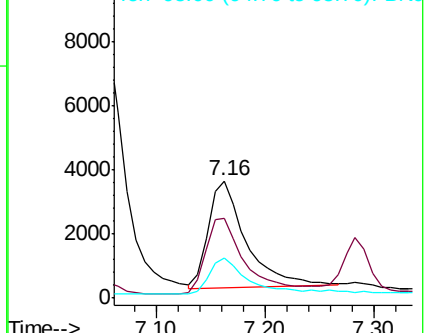
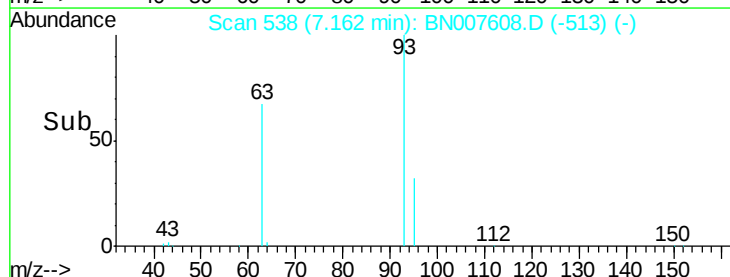
93 100

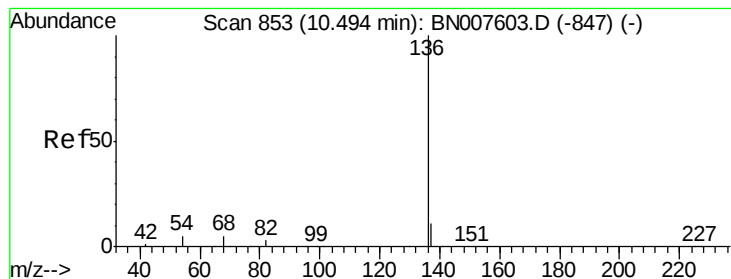
63 74.6 61.2 91.8

95 38.7 27.2 40.8



Abundance Ion 93.00 (92.70 to 93.70): BN007608.D (-513) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

Tgt Ion:136 Resp: 28703

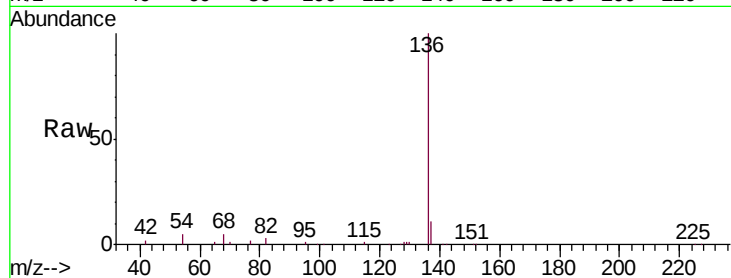
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 4.6 4.2 6.4

68 5.4 4.6 7.0

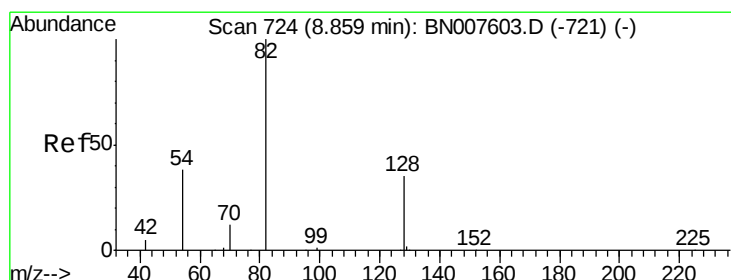
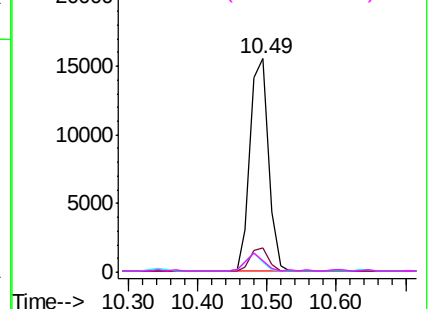
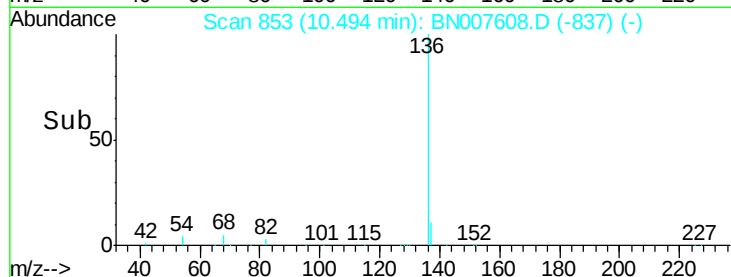


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

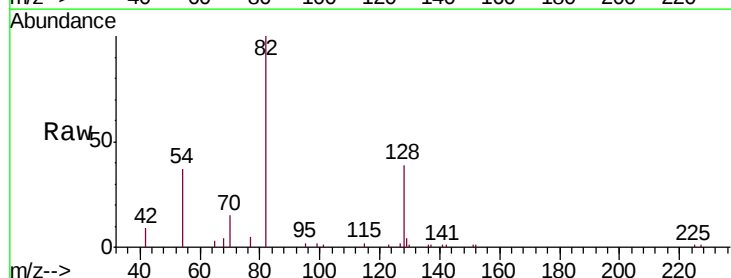
Tgt Ion: 82 Resp: 9158

Ion Ratio Lower Upper

82 100

128 39.1 27.9 41.9

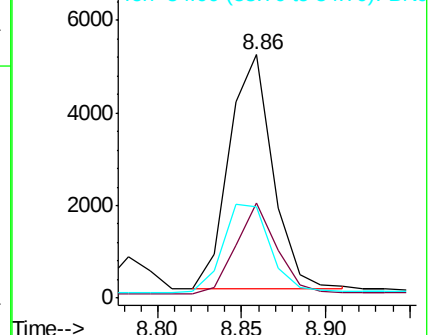
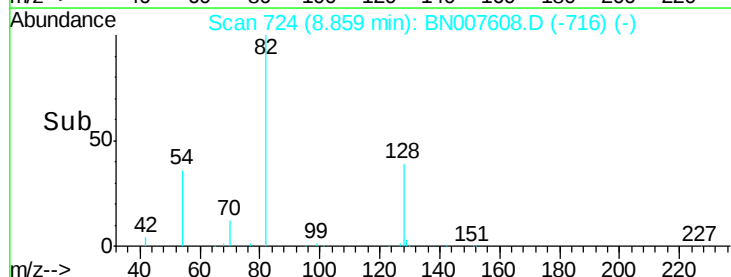
54 37.4 30.9 46.3

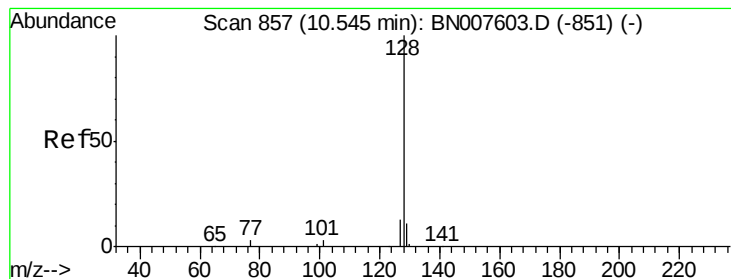


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.426 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

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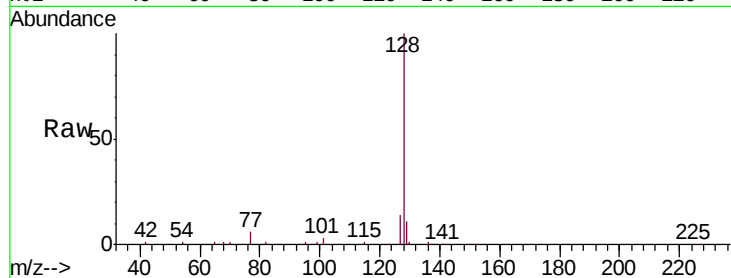
Tgt Ion:128 Resp: 34995

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

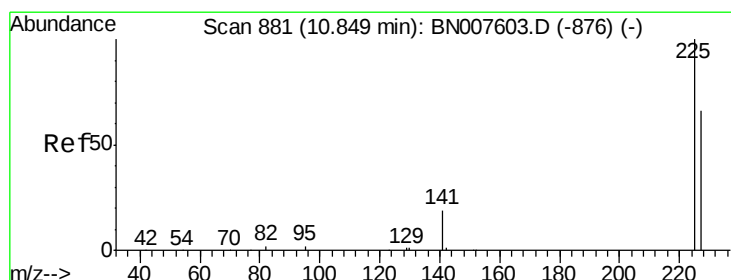
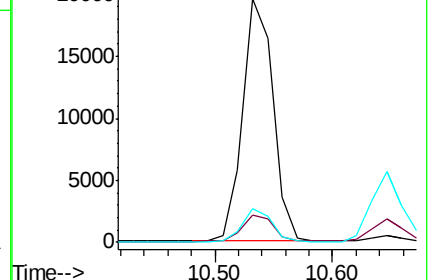
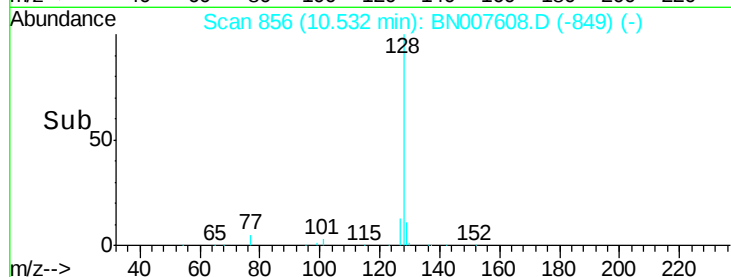
127 13.7 10.4 15.6



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: 0.427 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

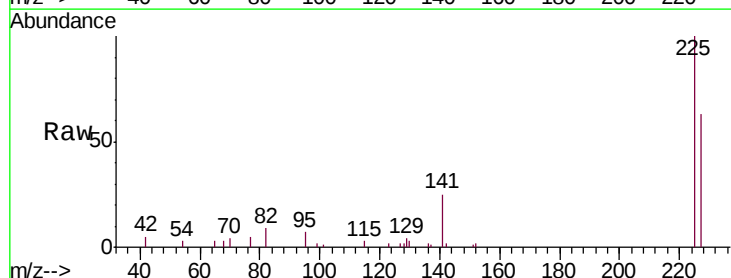
Tgt Ion:225 Resp: 7074

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

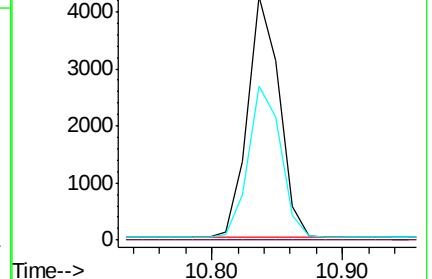
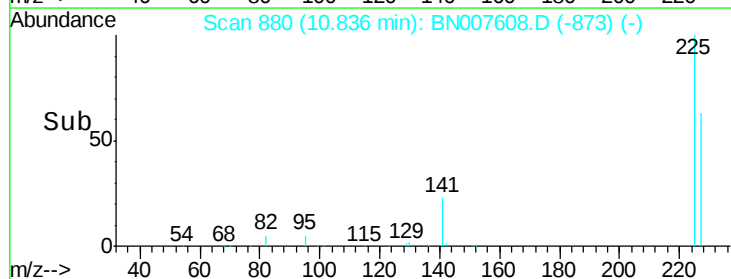
227 64.3 51.3 76.9

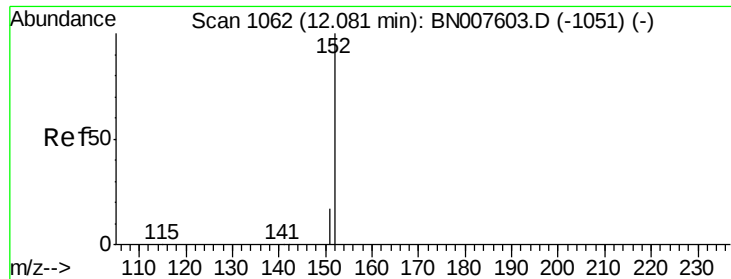


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

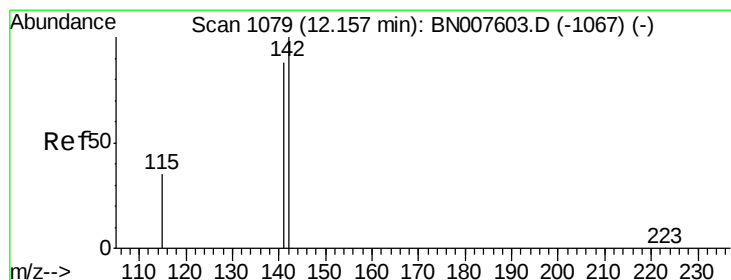
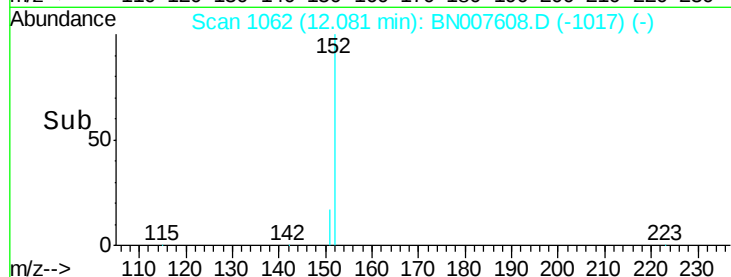
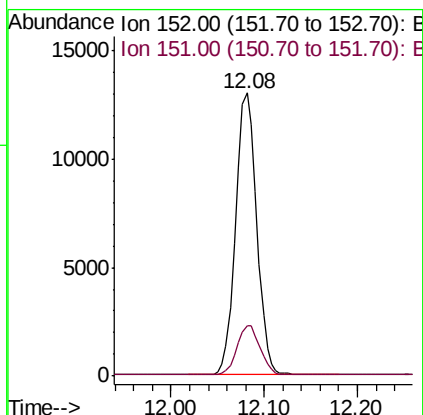
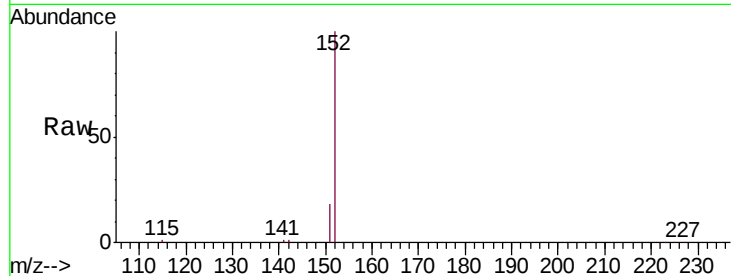




#11
 2-Methylnaphthalene-d10
 Concen: 0.419 ng
 RT: 12.08 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BN007608.D
 Acq: 12 Sep 2019 14:40

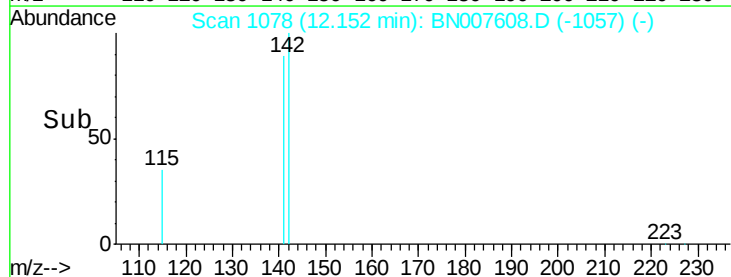
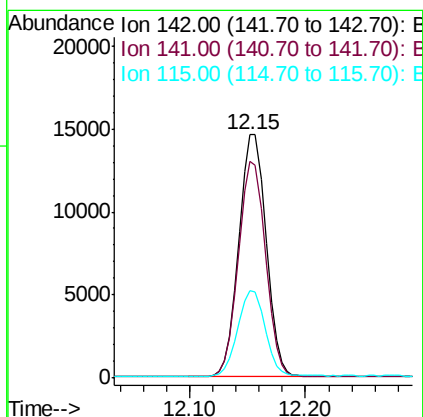
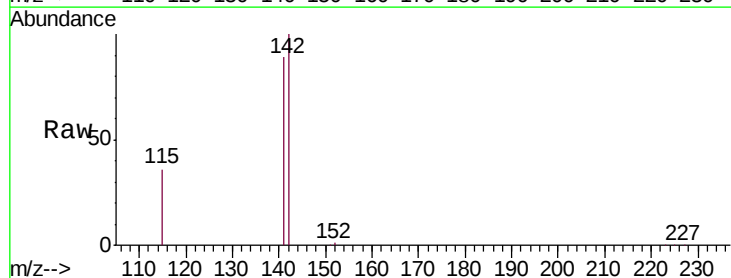
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN091219

Tgt Ion:152 Resp: 20351
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.422 ng
 RT: 12.15 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BN007608.D
 Acq: 12 Sep 2019 14:40

Tgt Ion:142 Resp: 23323
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.5 105.7
 115 36.0 28.4 42.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

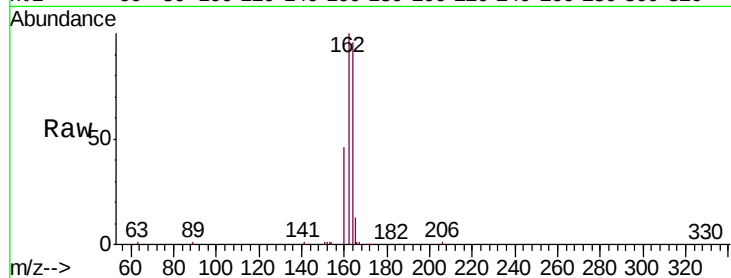
Tgt Ion:164 Resp: 16138

Ion Ratio Lower Upper

164 100

162 103.7 82.8 124.2

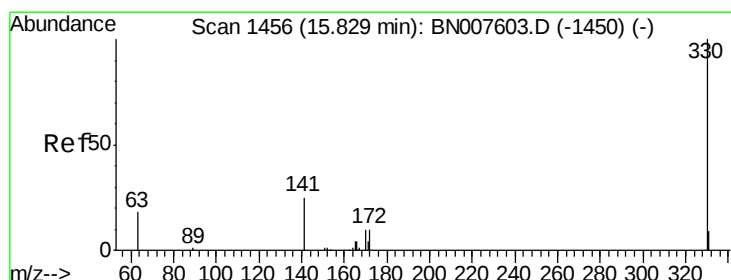
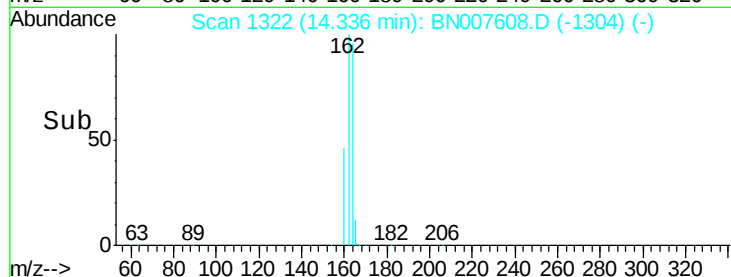
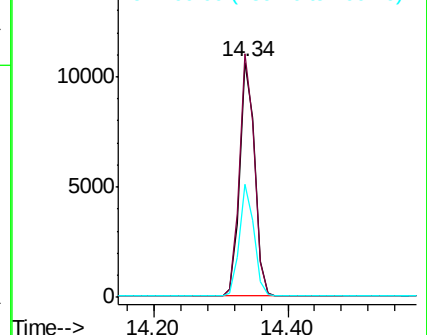
160 48.0 38.0 57.0



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: 0.325 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

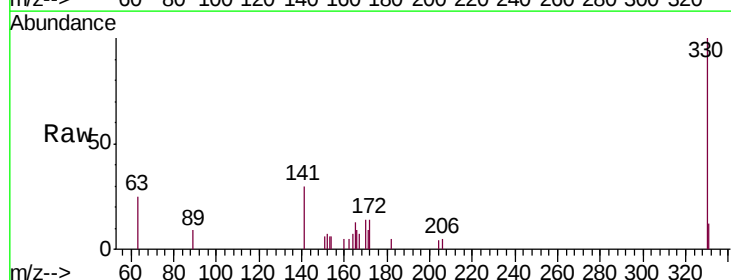
Tgt Ion:330 Resp: 1982

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

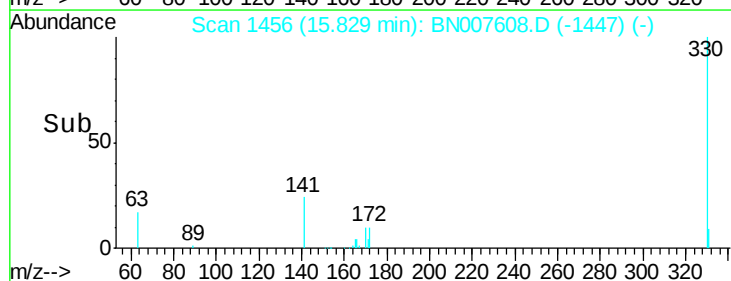
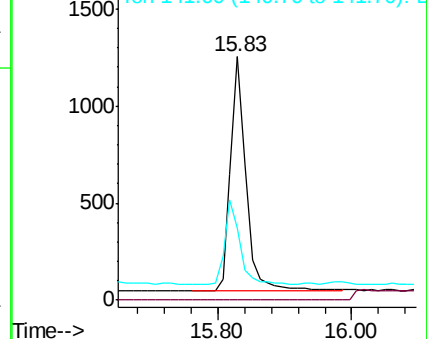
141 35.7 30.1 45.1

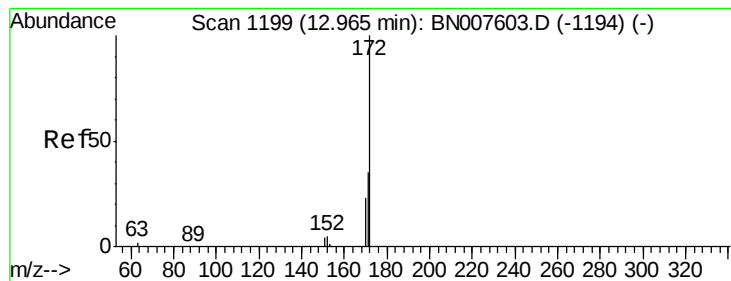


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.402 ng

RT: 12.97 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

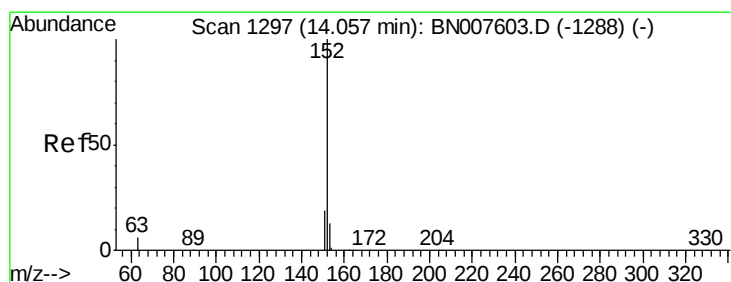
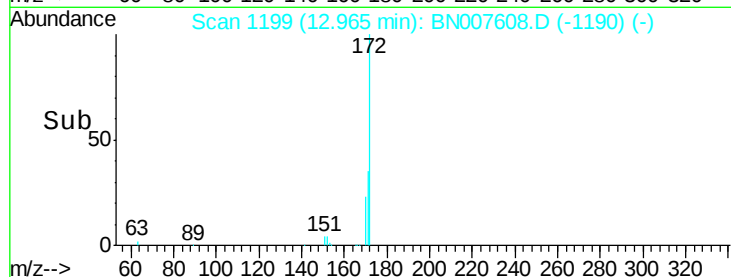
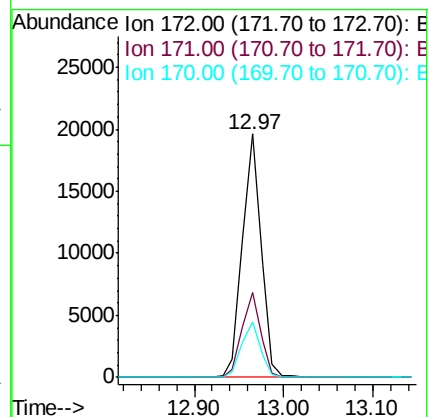
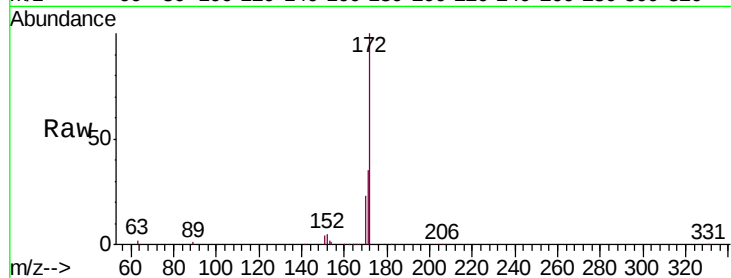
Tgt Ion:172 Resp: 28301

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 22.9 18.5 27.7



#16

Acenaphthylene

Concen: 0.377 ng

RT: 14.06 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

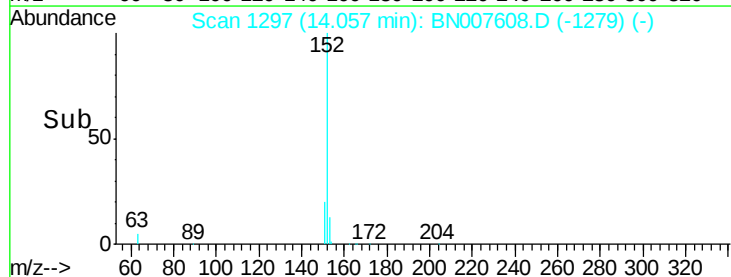
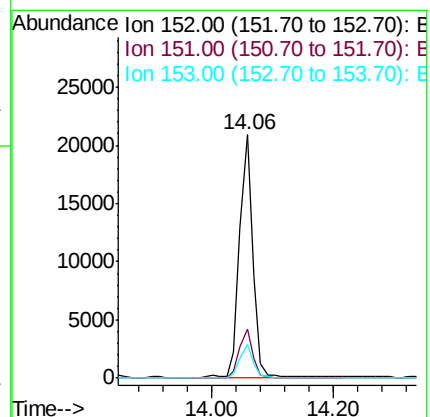
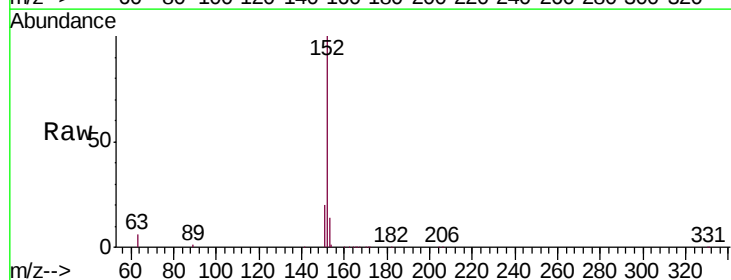
Tgt Ion:152 Resp: 31611

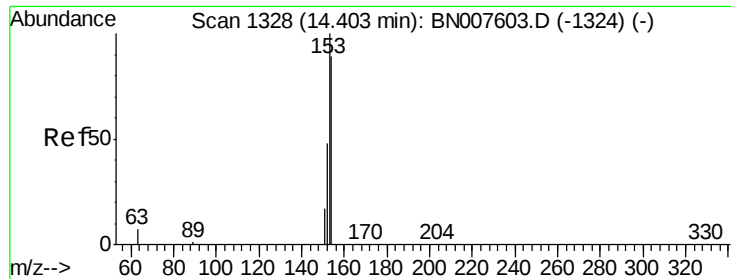
Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 13.3 10.4 15.6





#17

Acenaphthene

Concen: 0.395 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

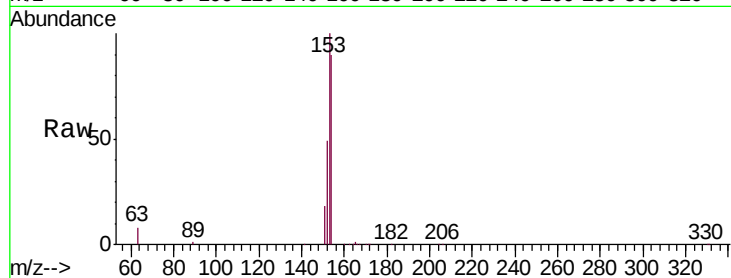
Tgt Ion:154 Resp: 21637

Ion Ratio Lower Upper

154 100

153 110.9 89.8 134.8

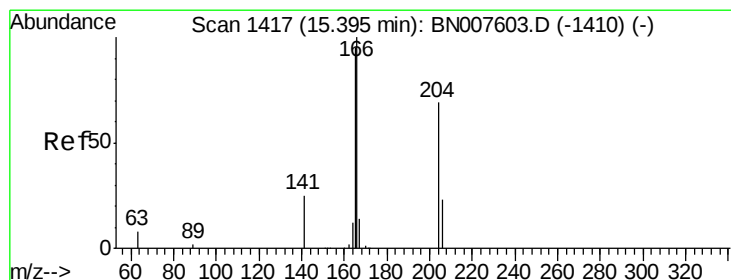
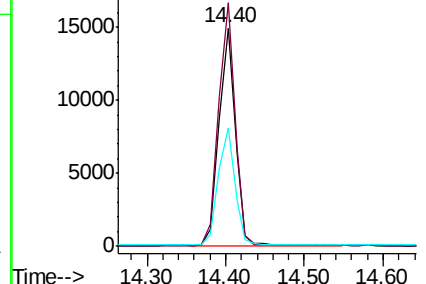
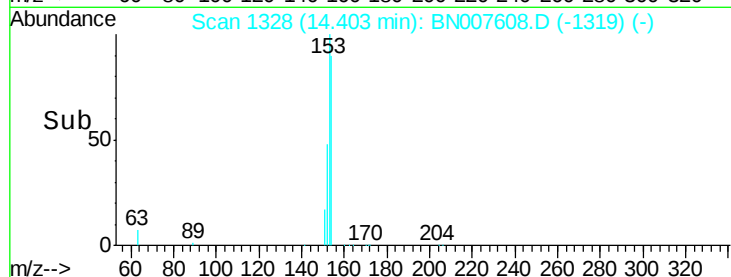
152 54.9 43.8 65.8



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: 0.391 ng

RT: 15.39 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

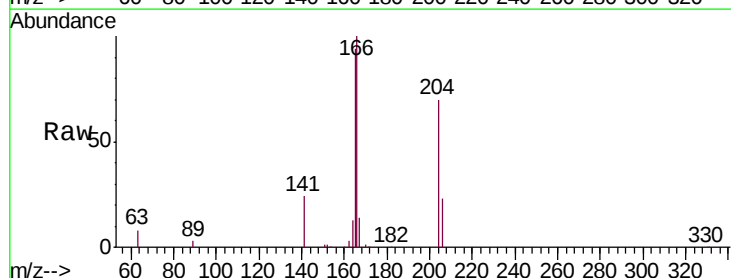
Tgt Ion:166 Resp: 27017

Ion Ratio Lower Upper

166 100

165 96.8 77.8 116.6

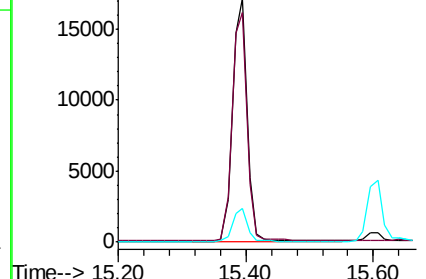
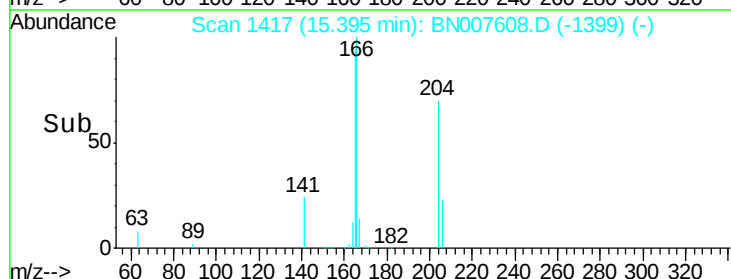
167 13.3 10.8 16.2

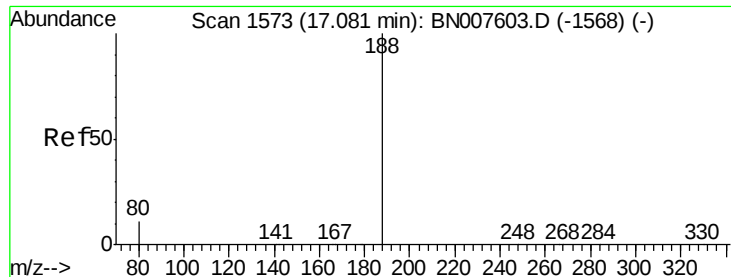


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

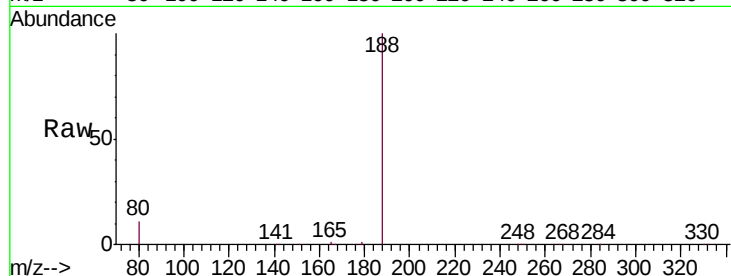
Tgt Ion:188 Resp: 33346

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

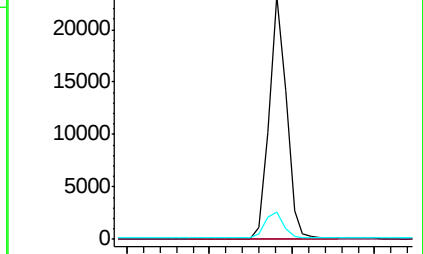
80 11.1 8.8 13.2



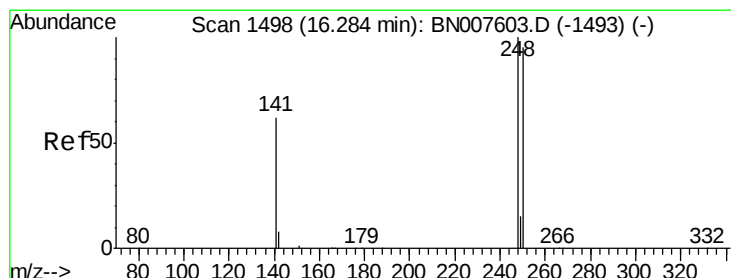
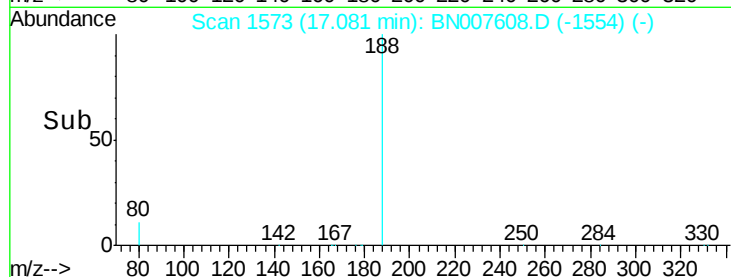
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



Time--> 16.90 17.00 17.10 17.20



#20

4-Bromophenyl-phenylether

Concen: 0.422 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

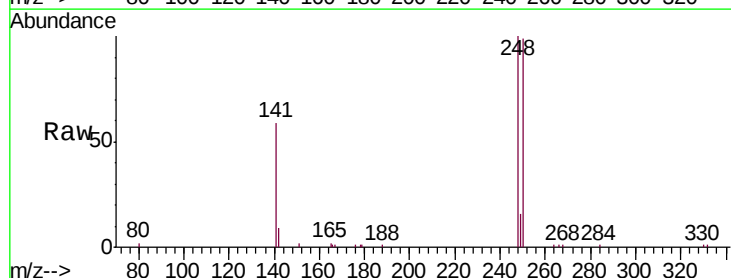
Tgt Ion:248 Resp: 8706

Ion Ratio Lower Upper

248 100

250 98.6 76.3 114.5

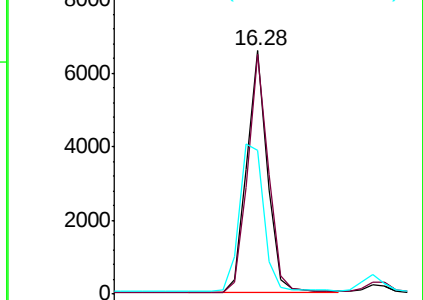
141 59.1 49.7 74.5



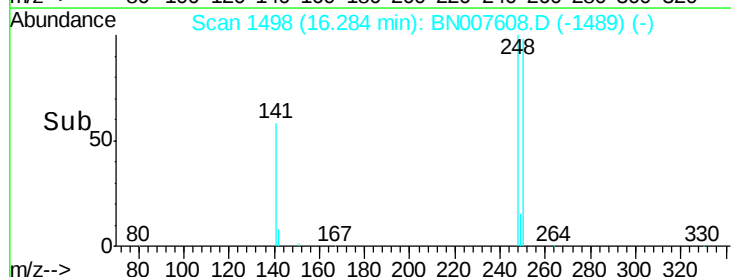
Abundance Ion 248.00 (247.70 to 248.70): E

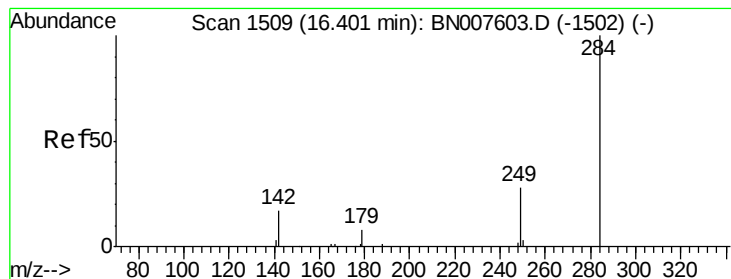
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.20 16.30 16.40





#21

Hexachlorobenzene

Concen: 0.434 ng

RT: 16.40 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

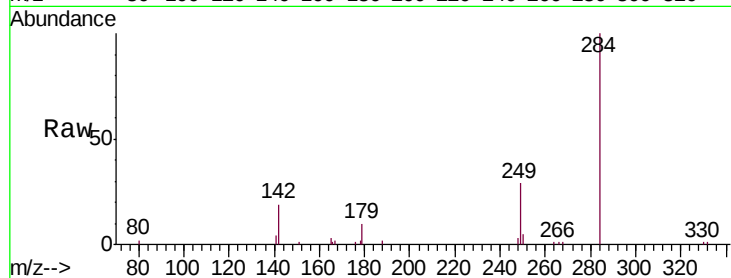
Tgt Ion:284 Resp: 9569

Ion Ratio Lower Upper

284 100

142 35.0 27.8 41.6

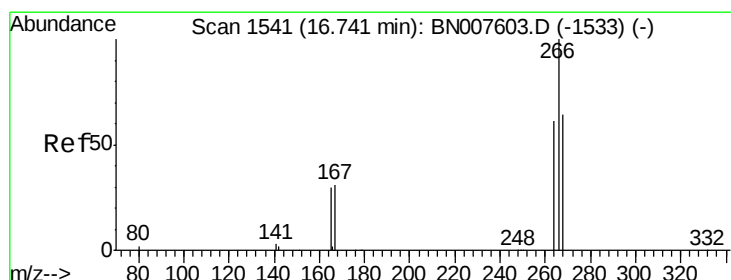
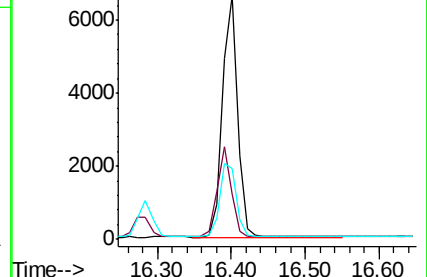
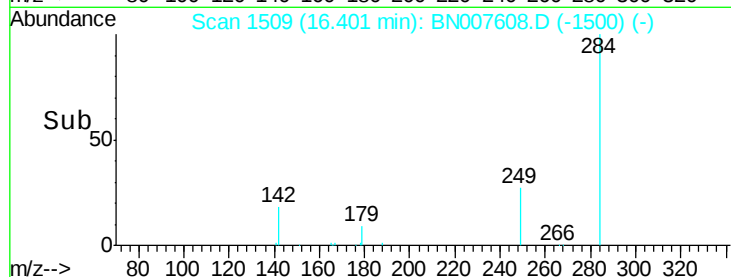
249 32.8 25.5 38.3



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: 0.338 ng

RT: 16.74 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

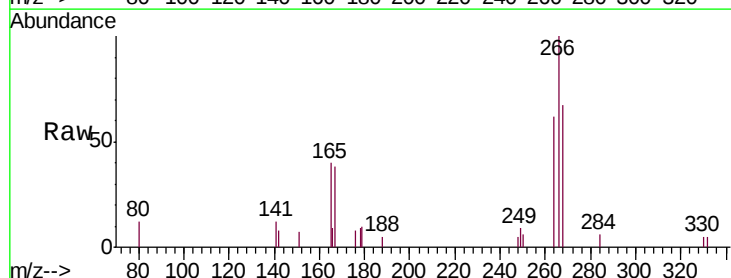
Tgt Ion:266 Resp: 1936

Ion Ratio Lower Upper

266 100

264 62.3 49.4 74.0

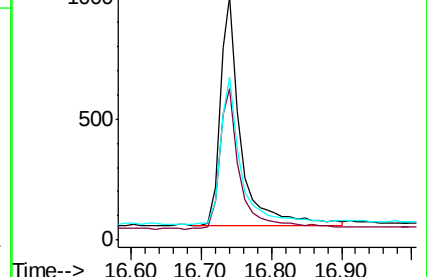
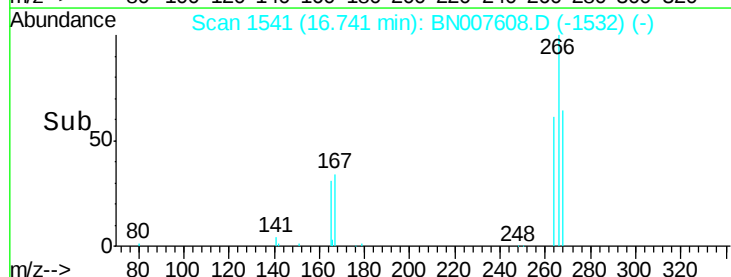
268 66.7 53.0 79.6

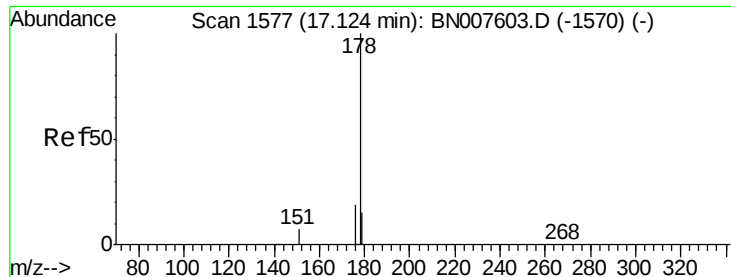


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.427 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

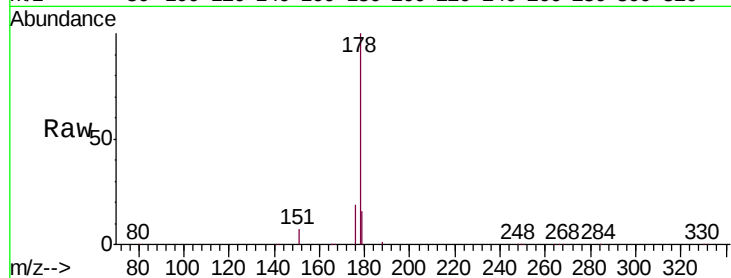
Tgt Ion:178 Resp: 44945

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

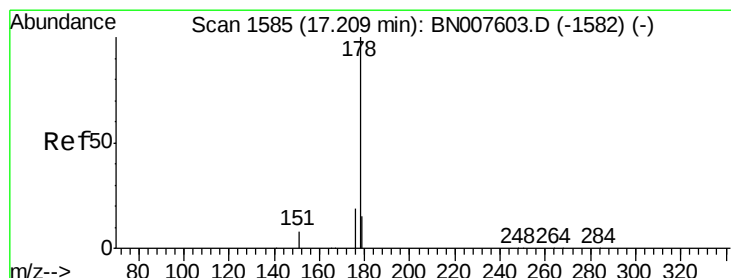
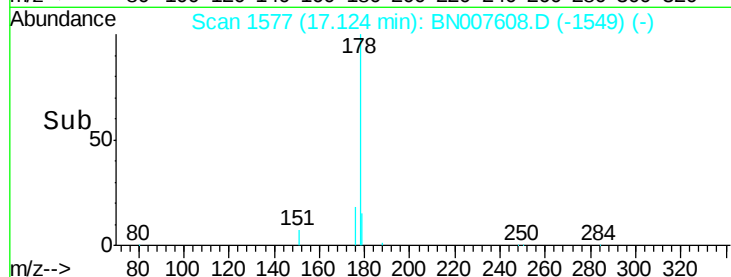
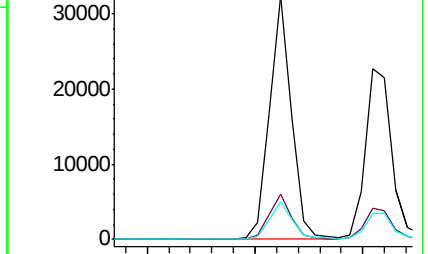
179 15.4 12.4 18.6



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: 0.412 ng

RT: 17.21 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

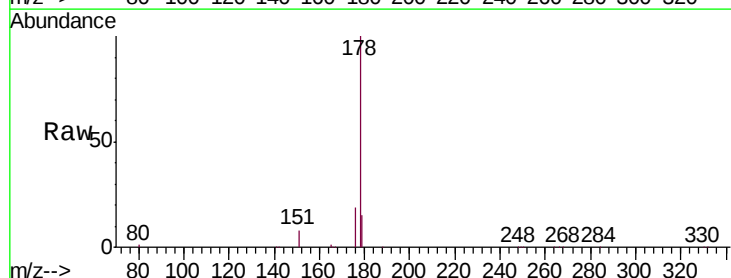
Tgt Ion:178 Resp: 38375

Ion Ratio Lower Upper

178 100

176 17.9 14.5 21.7

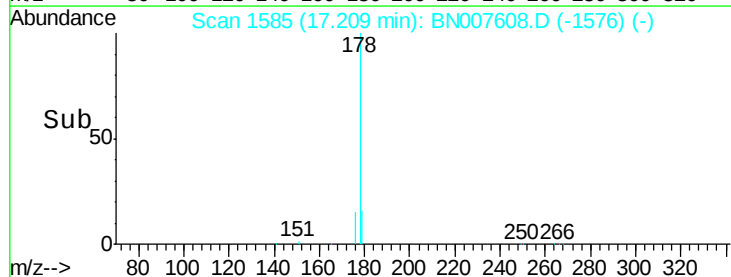
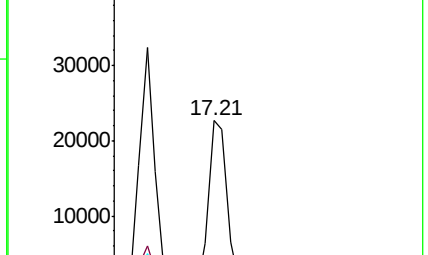
179 15.1 12.4 18.6

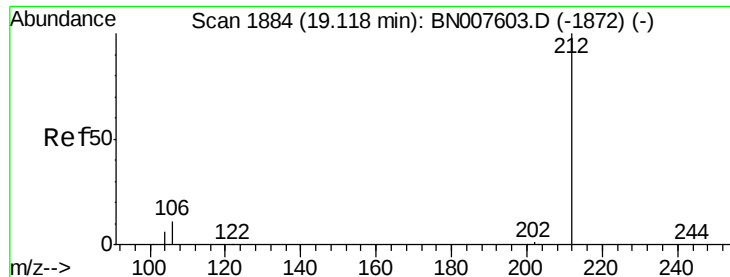


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.419 ng

RT: 19.12 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

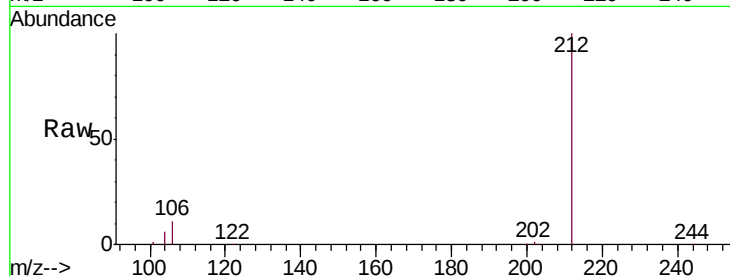
Tgt Ion:212 Resp: 44082

Ion Ratio Lower Upper

212 100

106 12.1 9.6 14.4

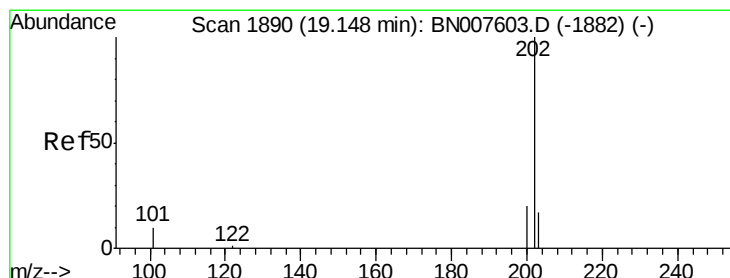
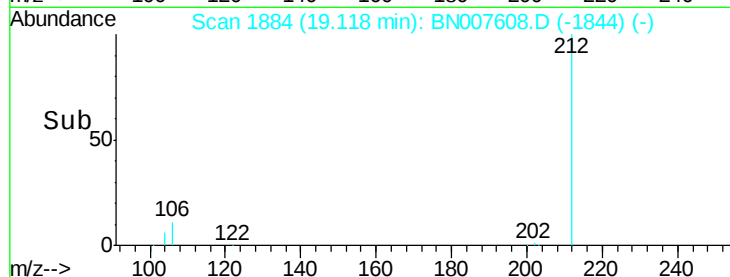
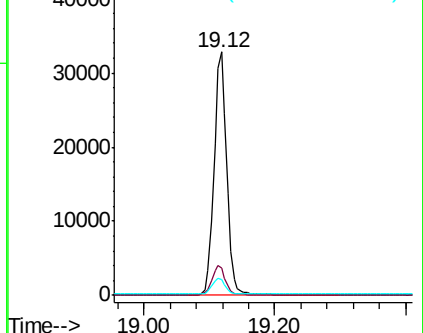
104 6.8 5.4 8.0



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: 0.419 ng

RT: 19.15 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

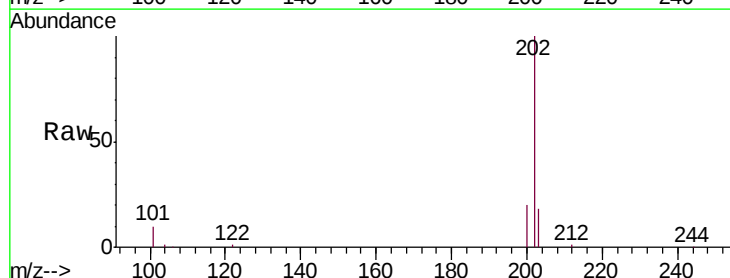
Tgt Ion:202 Resp: 51543

Ion Ratio Lower Upper

202 100

101 10.9 8.6 13.0

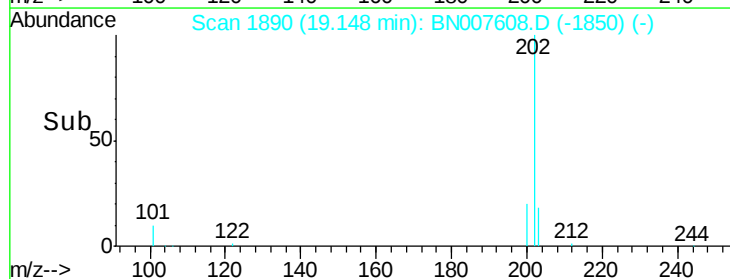
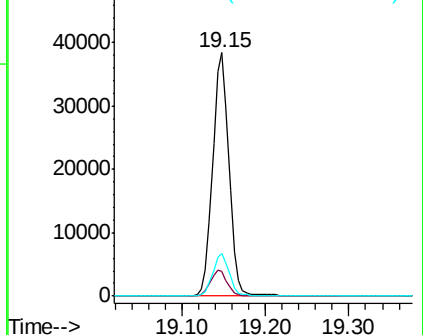
203 17.3 13.8 20.6

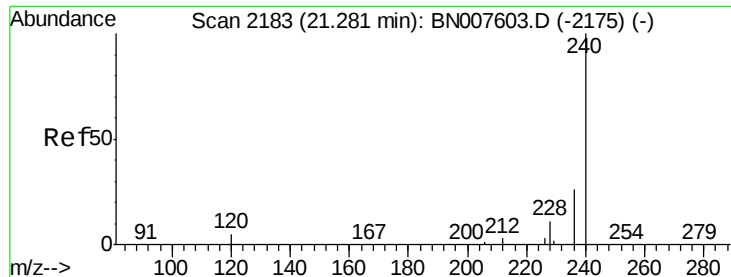


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

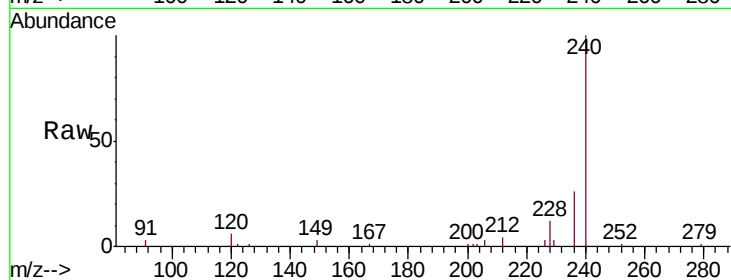
Tgt Ion:240 Resp: 33463

Ion Ratio Lower Upper

240 100

120 5.8 4.3 6.5

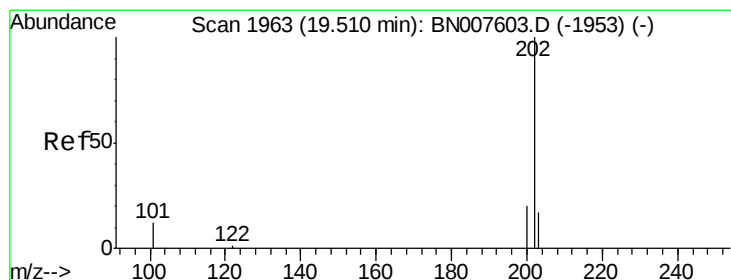
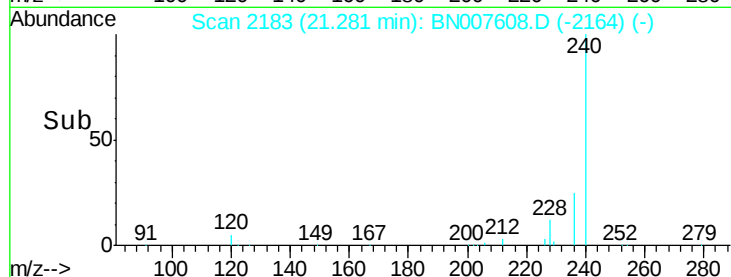
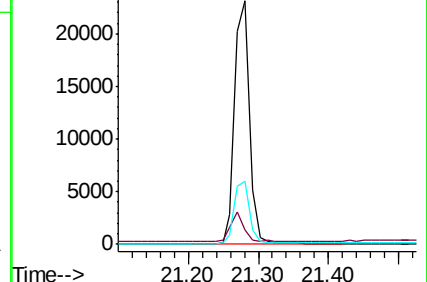
236 25.7 20.8 31.2



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: 0.422 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

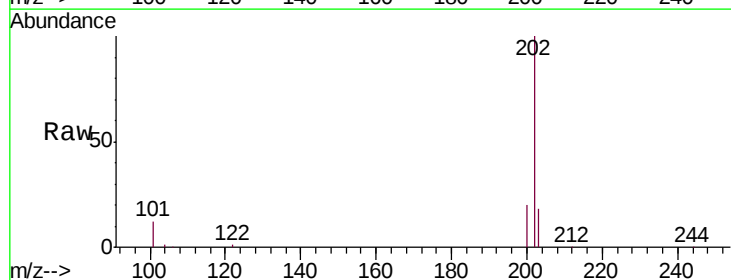
Tgt Ion:202 Resp: 51321

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

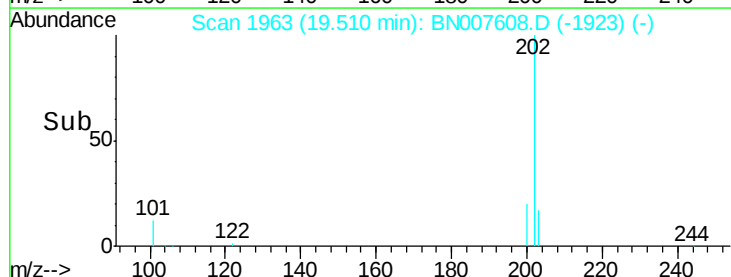
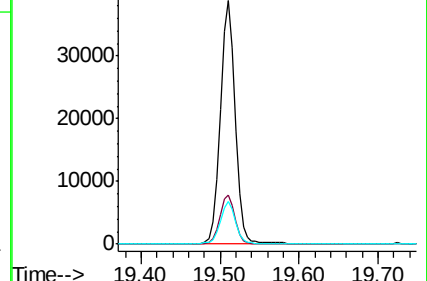
203 17.5 14.0 21.0

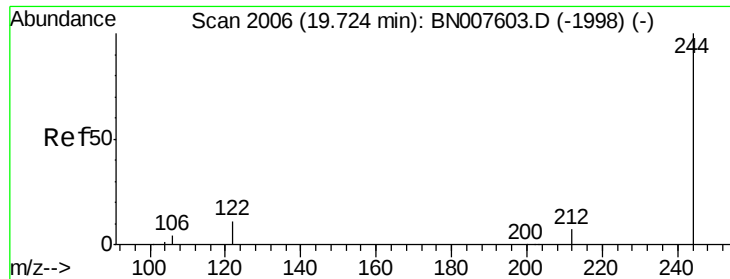


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2006

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

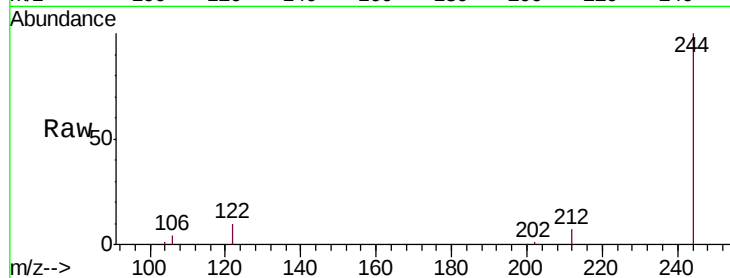
Tgt Ion:244 Resp: 37175

Ion Ratio Lower Upper

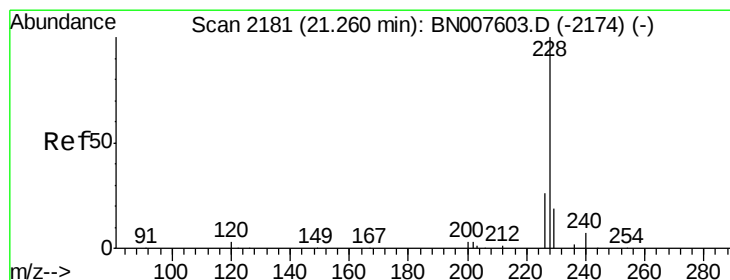
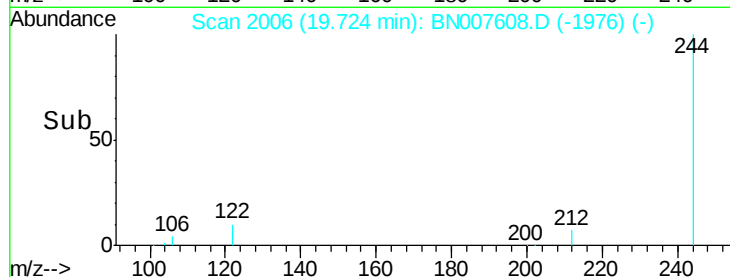
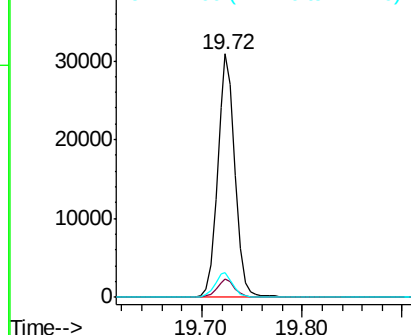
244 100

212 7.3 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: 0.400 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

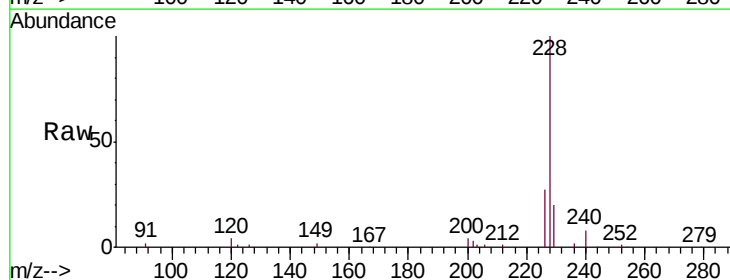
Tgt Ion:228 Resp: 47520

Ion Ratio Lower Upper

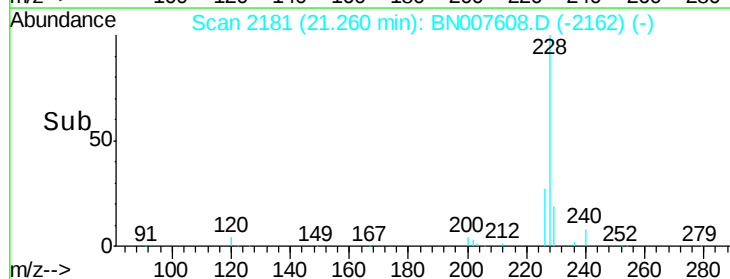
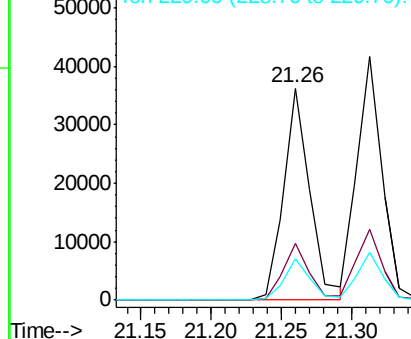
228 100

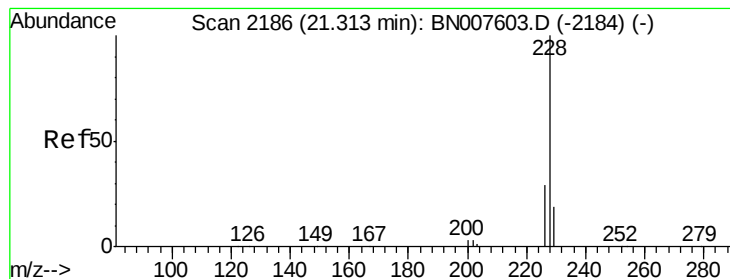
226 26.8 21.2 31.8

229 19.6 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: 0.418 ng

RT: 21.31 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

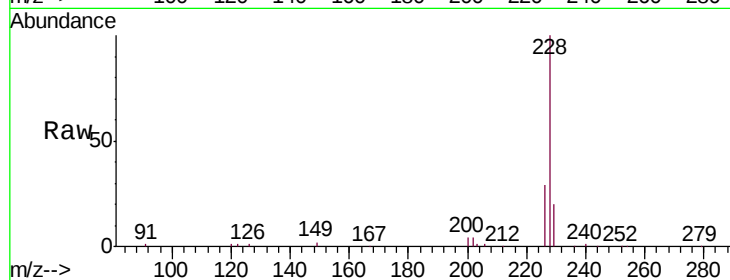
Tgt Ion:228 Resp: 51615

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

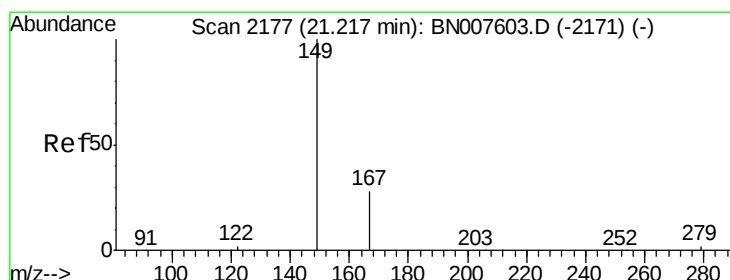
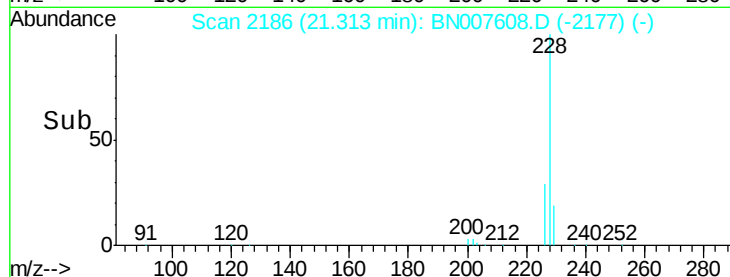
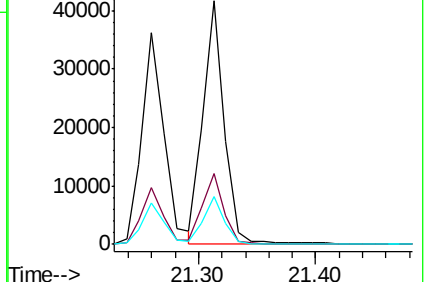
229 19.5 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.343 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

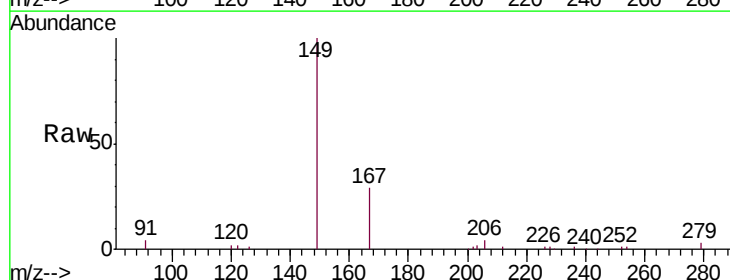
Tgt Ion:149 Resp: 13793

Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

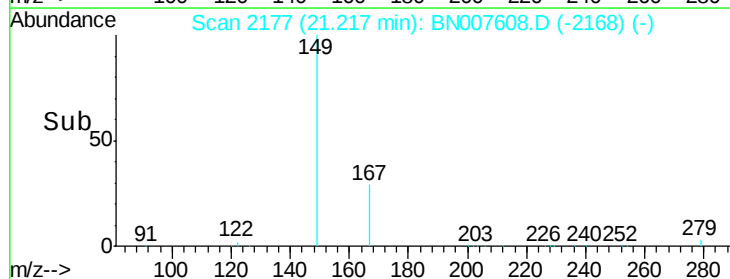
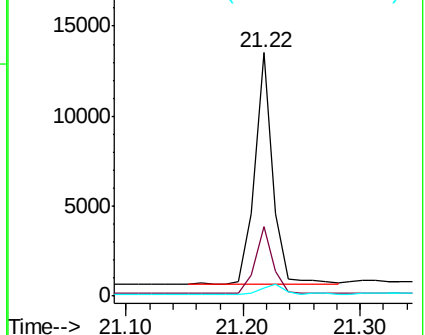
279 5.0 3.8 5.6

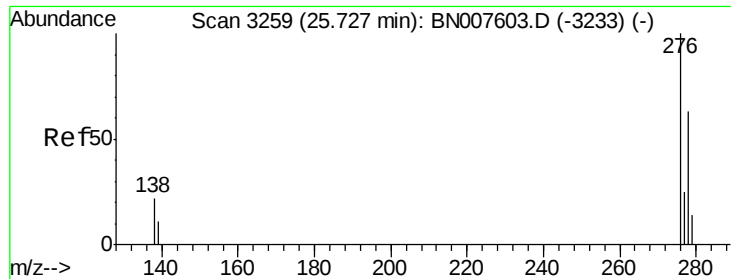


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.418 ng

RT: 25.72 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

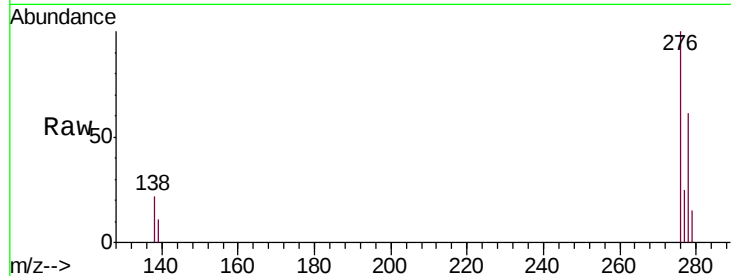
Tgt Ion:276 Resp: 55140

Ion Ratio Lower Upper

276 100

138 23.0 18.2 27.4

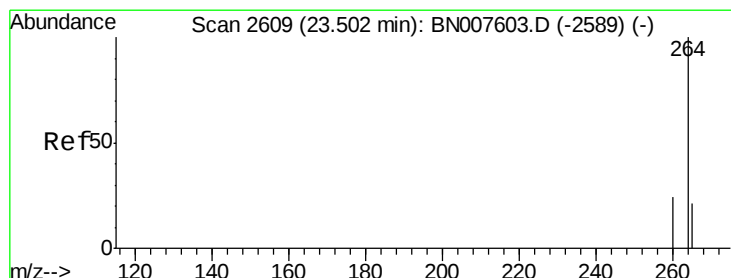
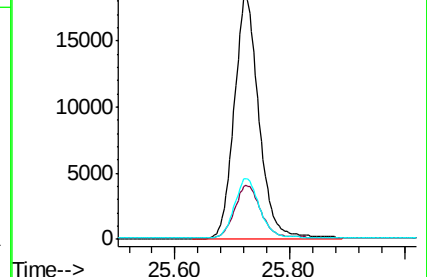
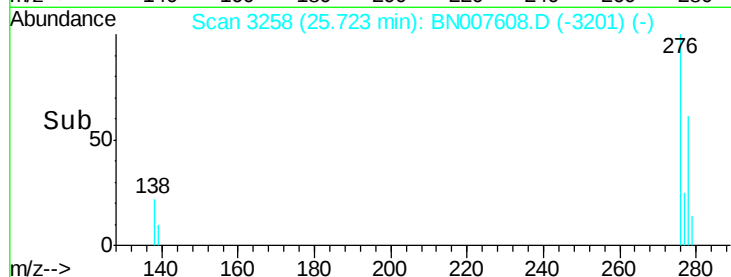
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

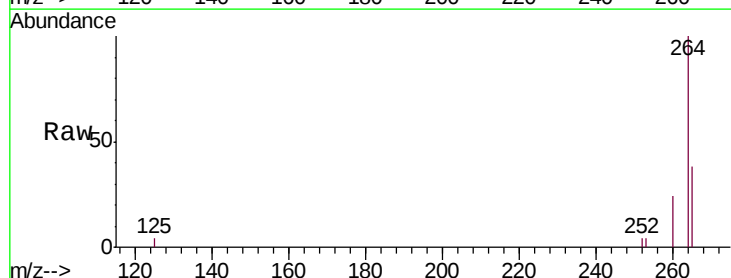
Tgt Ion:264 Resp: 33251

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

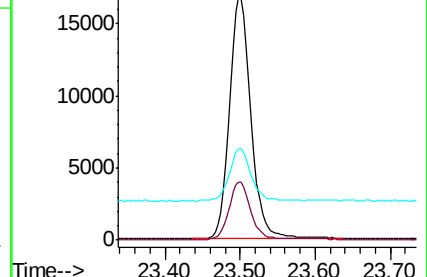
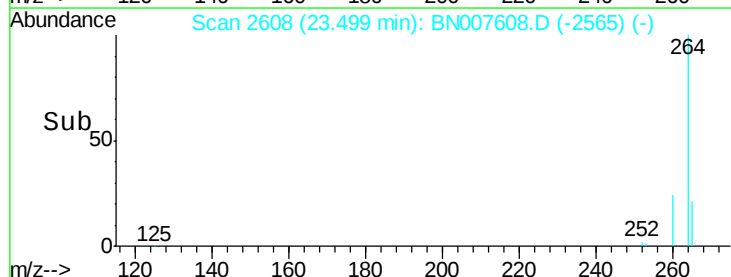
265 37.5 24.6 37.0#



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: 0.400 ng

RT: 22.84 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

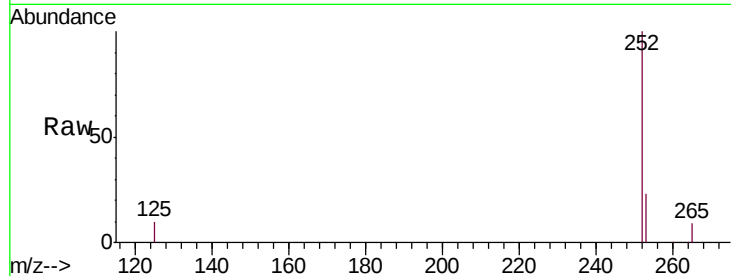
Tgt Ion:252 Resp: 48269

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

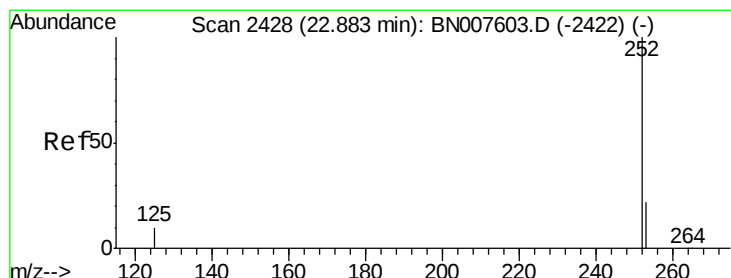
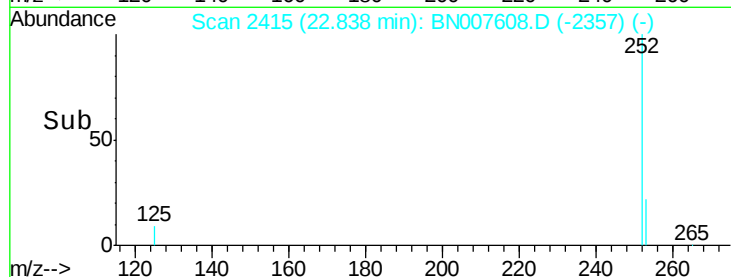
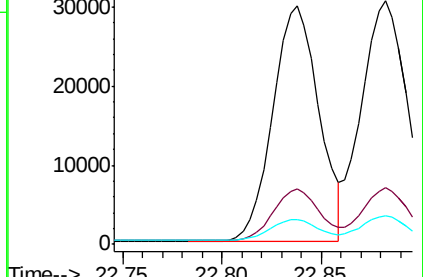
125 10.4 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.410 ng

RT: 22.88 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

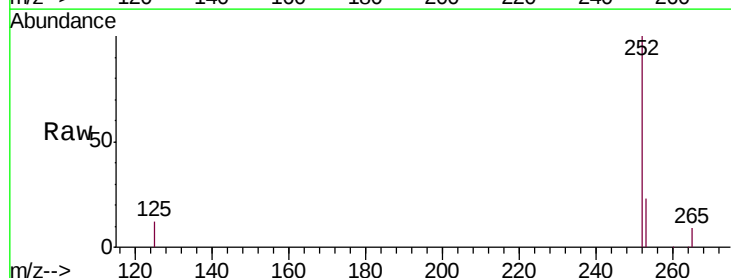
Tgt Ion:252 Resp: 50671

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

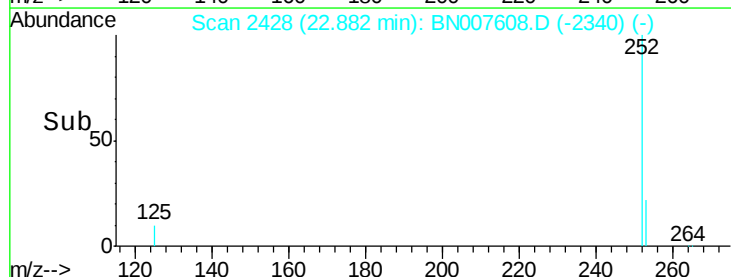
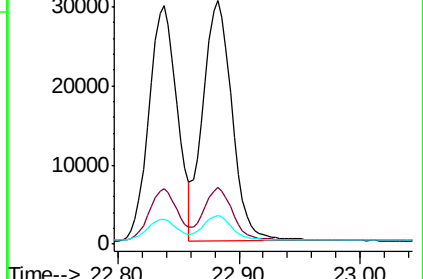
125 11.9 8.9 13.3

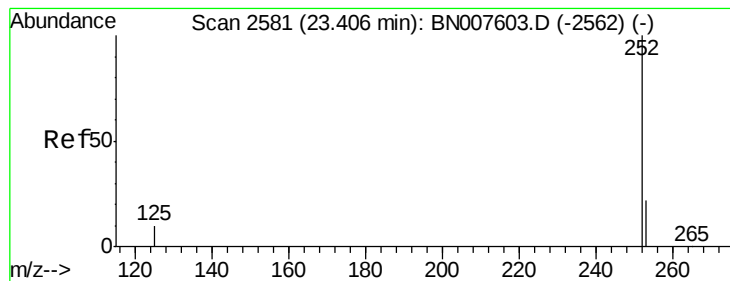


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.40 min Scan# 2580

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219

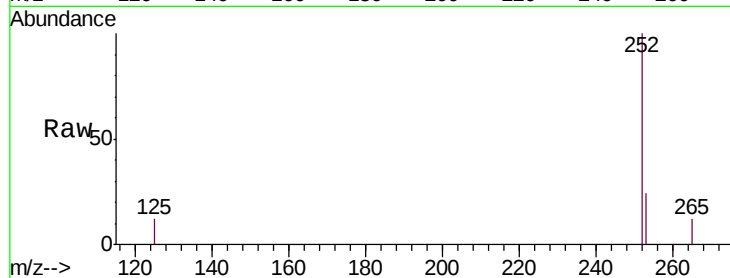
Tgt Ion:252 Resp: 42094

Ion Ratio Lower Upper

252 100

253 23.6 18.3 27.5

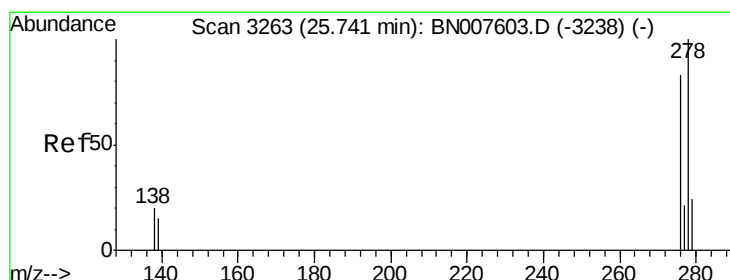
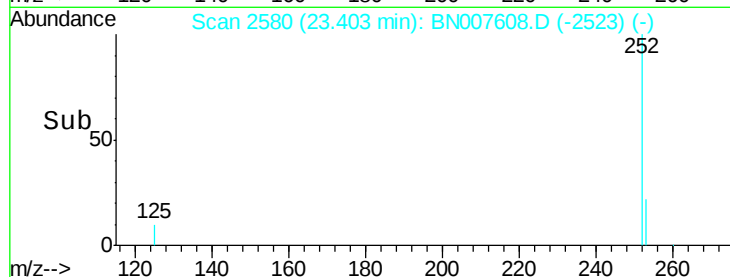
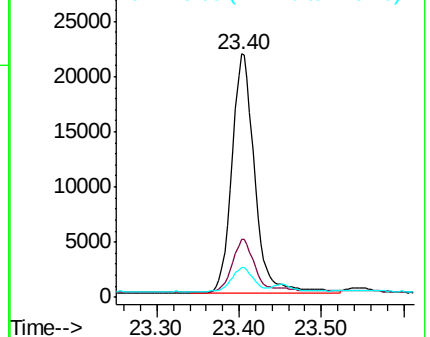
125 12.2 8.9 13.3



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: 0.409 ng

RT: 25.74 min Scan# 3263

Delta R.T. -0.00 min

Lab File: BN007608.D

Acq: 12 Sep 2019 14:40

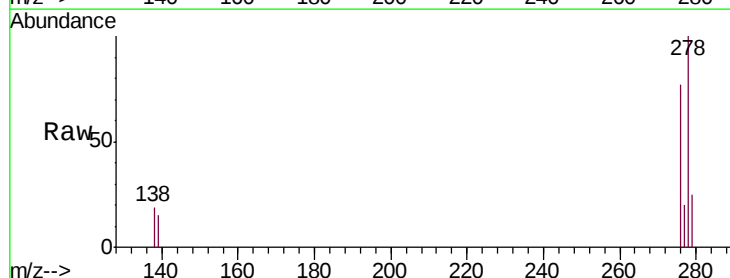
Tgt Ion:278 Resp: 45889

Ion Ratio Lower Upper

278 100

139 15.3 12.6 18.8

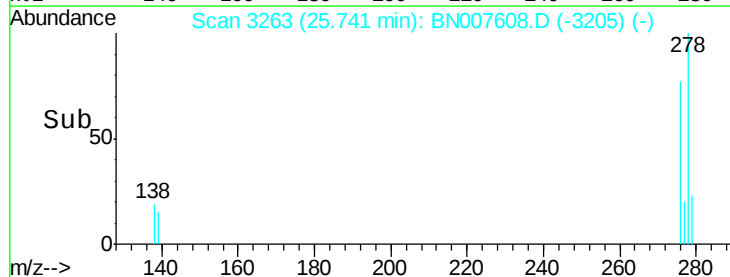
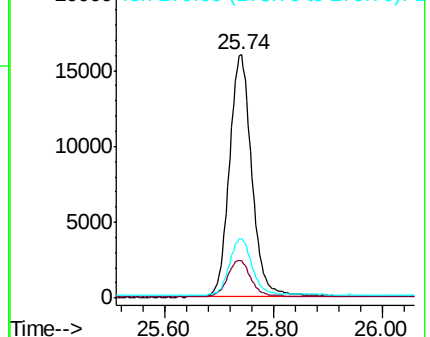
279 24.6 19.6 29.4

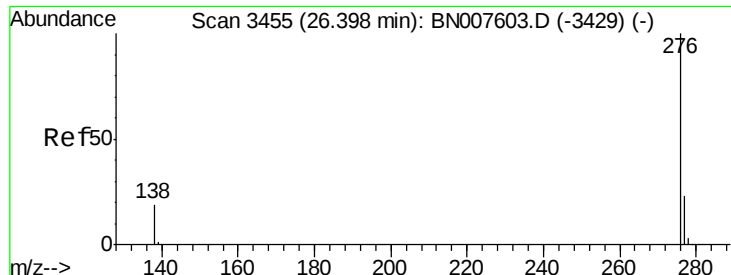


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.405 ng

RT: 26.39 min Scan# 3454

Delta R.T. -0.00 min

Lab File: BN007608.D

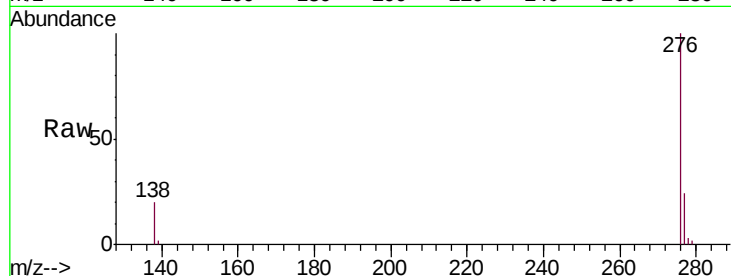
Acq: 12 Sep 2019 14:40

Instrument :

BNA_N

ClientSampleId :

ICVBN091219



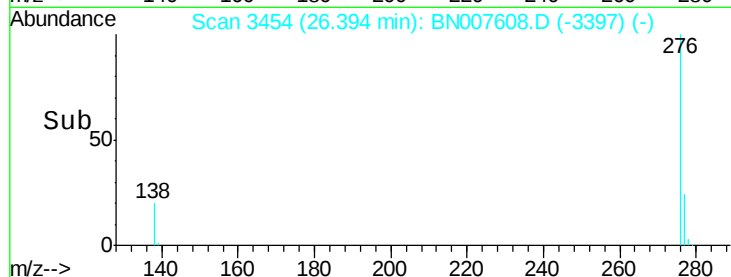
Tgt Ion: 276 Resp: 44951

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 20.4 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

