

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007761.D
 Acq On : 20 Sep 2019 13:22
 Operator : HP/JU
 Sample : PB123061BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123061BS

Quant Time: Sep 20 22:47:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	5218	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	20756	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	12710	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	28274	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	34006	0.40	ng	-0.01
34) Perylene-d12	23.48	264	37091	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	5732	0.32	ng	0.00
5) Phenol-d6	6.86	99	7289	0.32	ng	0.00
8) Nitrobenzene-d5	8.83	82	6420	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	13826	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1986	0.29	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	19776	0.38	ng	0.00
25) Fluoranthene-d10	19.10	212	37546	0.39	ng	0.00
29) Terphenyl-d14	19.70	244	31960	0.38	ng	0.00

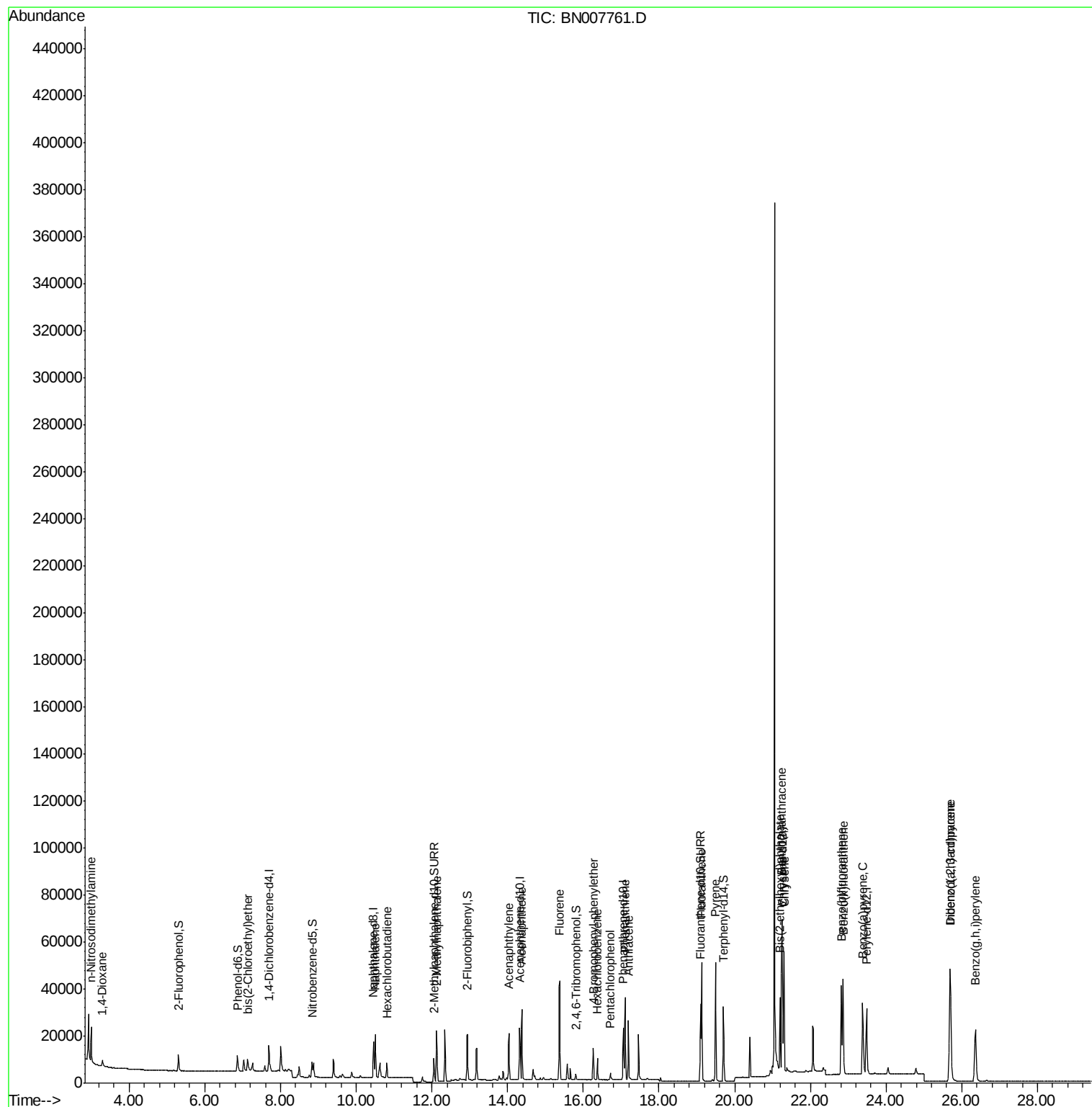
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	2093	0.360	ng	# 76
3) n-Nitrosodimethylamine	3.00	42	1535	0.576	ng	97
6) bis(2-Chloroethyl)ether	7.13	93	5615	0.380	ng	99
9) Naphthalene	10.51	128	23230	0.399	ng	100
10) Hexachlorobutadiene	10.81	225	4907	0.400	ng	# 99
12) 2-Methylnaphthalene	12.13	142	15727	0.399	ng	98
16) Acenaphthylene	14.04	152	23023	0.342	ng	99
17) Acenaphthene	14.38	154	15573	0.358	ng	97
18) Fluorene	15.37	166	20020	0.359	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	6888	0.401	ng	96
21) Hexachlorobenzene	16.38	284	7693	0.410	ng	99
22) Pentachlorophenol	16.72	266	2005	0.290	ng	97
23) Phenanthrene	17.10	178	35135	0.399	ng	100
24) Anthracene	17.19	178	29964	0.377	ng	100
26) Fluoranthene	19.13	202	43636	0.398	ng	100
28) Pyrene	19.49	202	44864	0.387	ng	100
30) Benzo(a)anthracene	21.25	228	47276	0.378	ng	98
31) Chrysene	21.30	228	48410	0.397	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	29148	0.453	ng	93
33) Indeno(1,2,3-cd)pyrene	25.69	276	58746	0.384	ng	99
35) Benzo(b)fluoranthene	22.82	252	47333	0.368	ng	100
36) Benzo(k)fluoranthene	22.86	252	52908	0.416	ng	99
37) Benzo(a)pyrene	23.38	252	45266	0.374	ng	99
38) Dibenzo(a,h)anthracene	25.70	278	47371	0.383	ng	99
39) Benzo(g,h,i)perylene	26.36	276	46349	0.378	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: 7.69 min Scan# 604

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

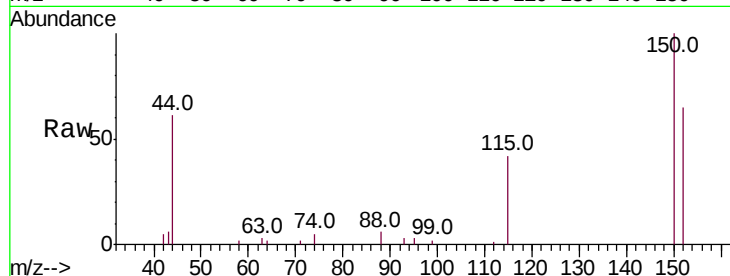
Tot Ion:152 Resp: 5218

Ion Ratio Lower Upper

152 100

150 153.9 125.6 188.4

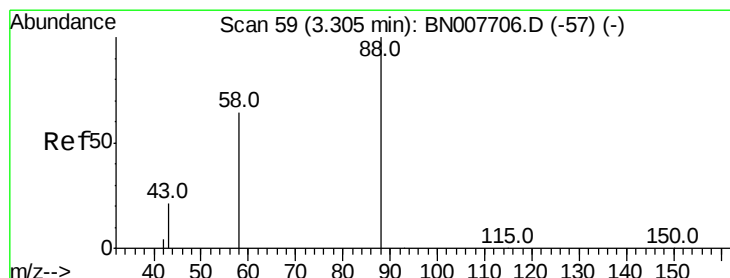
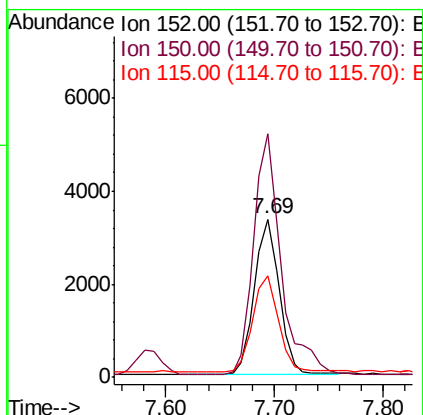
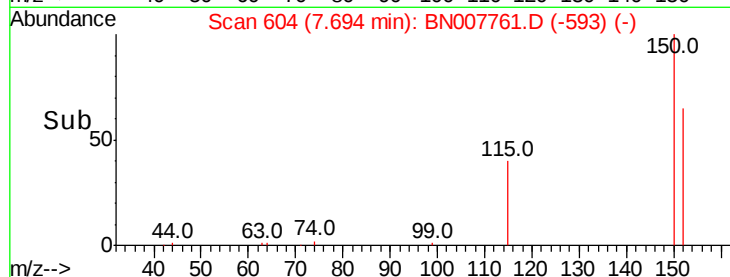
115 64.4 53.3 79.9



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: 0.360 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

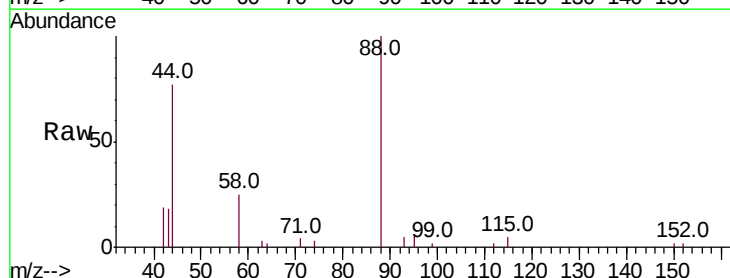
Tgt Ion: 88 Resp: 2093

Ion Ratio Lower Upper

88 100

58 75.5 44.6 66.8#

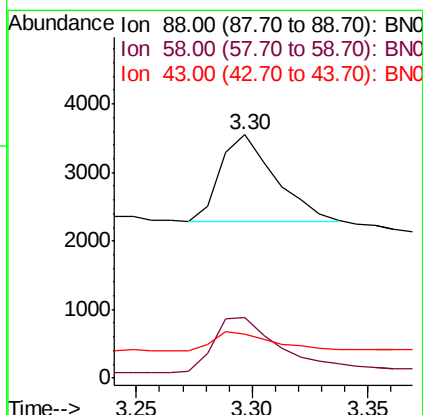
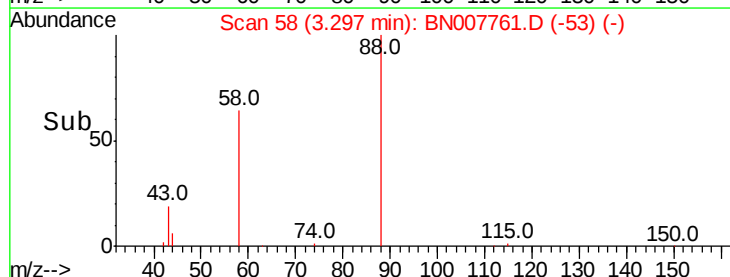
43 23.7 14.4 21.6#



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: 0.576 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

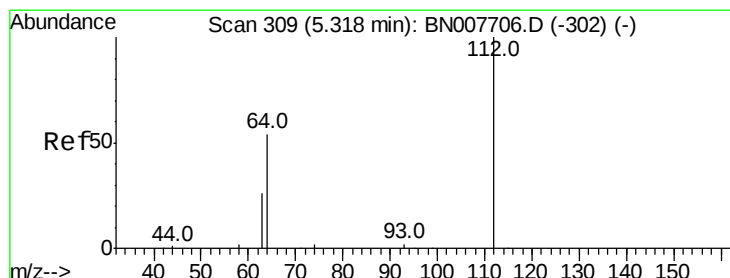
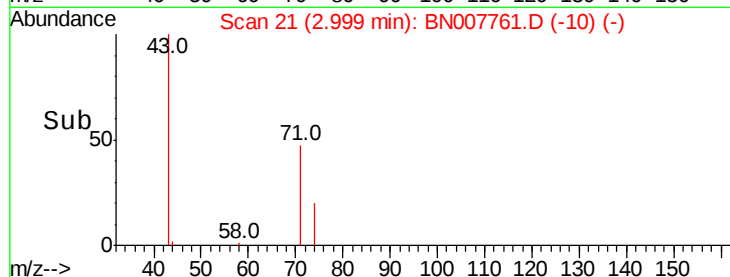
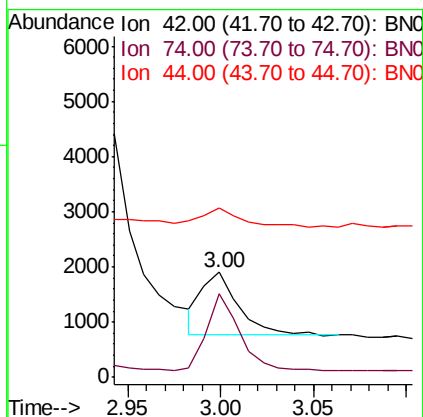
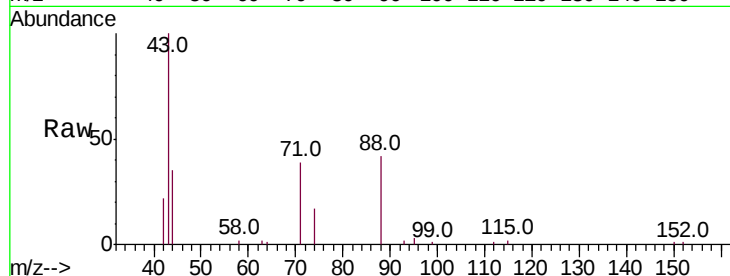
Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tot Ion: 42 Resp: 1535

Ion	Ratio	Lower	Upper
42	100		
74	110.9	87.9	131.9
44	32.3	29.4	44.0



#4

2-Fluorophenol

Concen: 0.319 ng

RT: 5.31 min Scan# 308

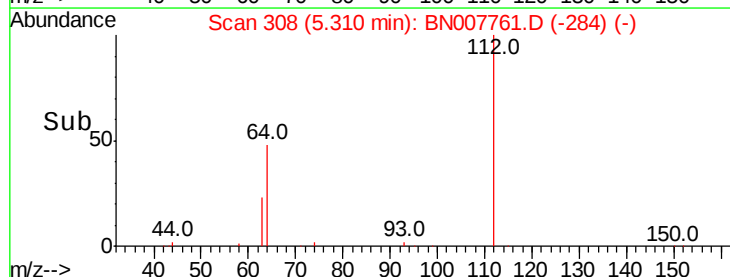
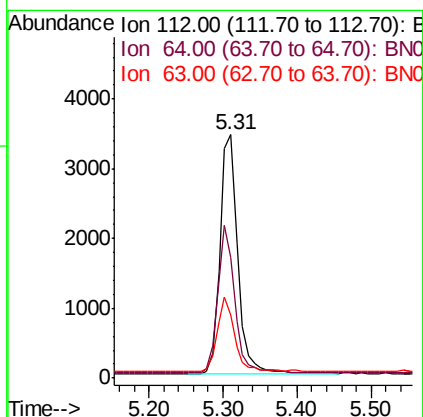
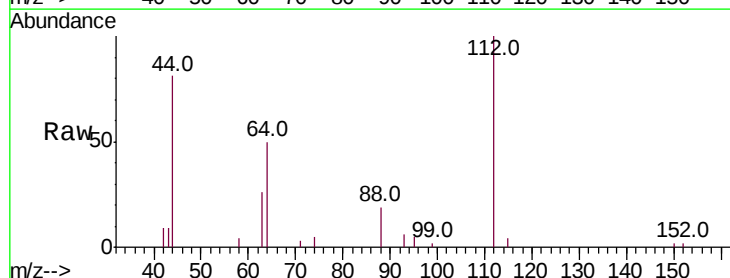
Delta R.T. -0.01 min

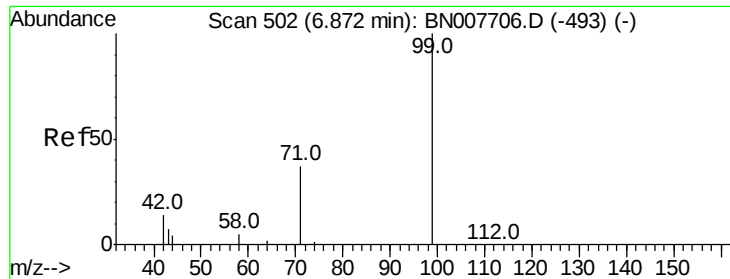
Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Tgt Ion: 112 Resp: 5732

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	70.0
63	29.1	23.1	34.7





#5

Phenol-d6

Concen: 0.324 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

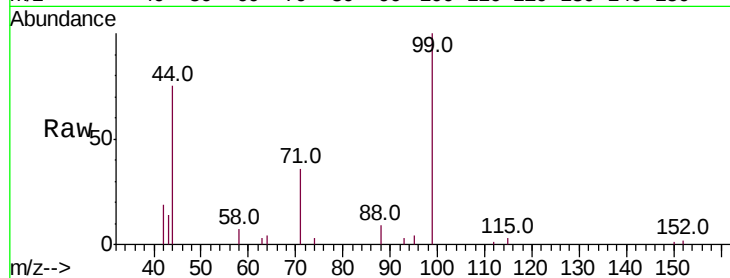
Tot Ion: 99 Resp: 7289

Ion Ratio Lower Upper

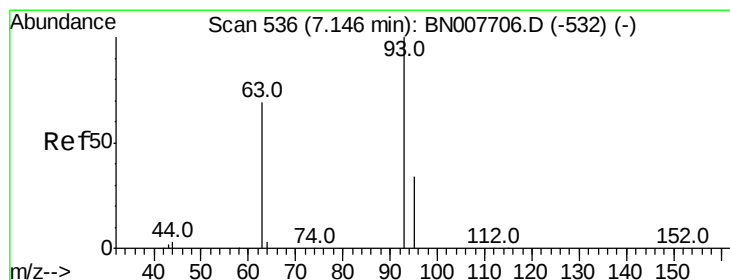
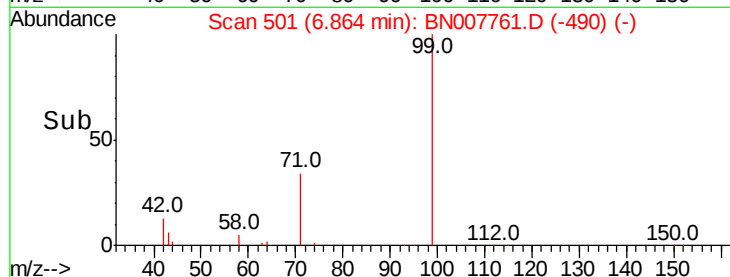
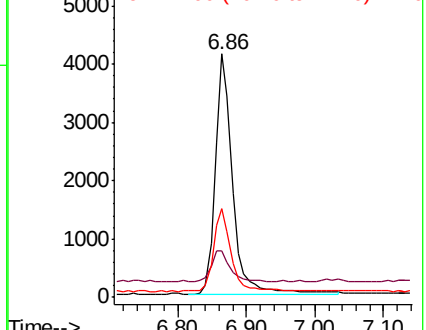
99 100

42 14.8 12.8 19.2

71 34.7 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.380 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

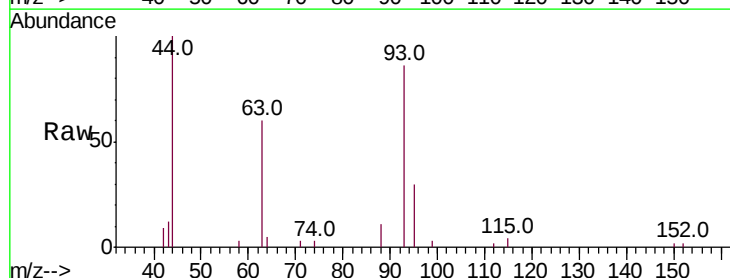
Tgt Ion: 93 Resp: 5615

Ion Ratio Lower Upper

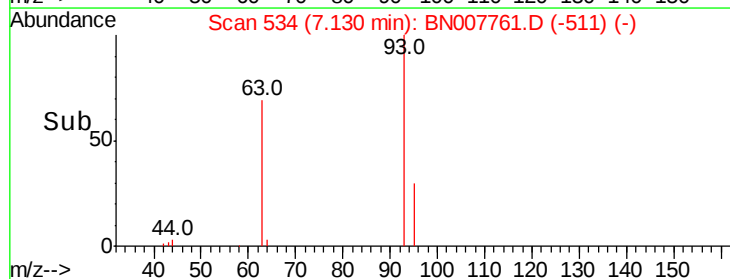
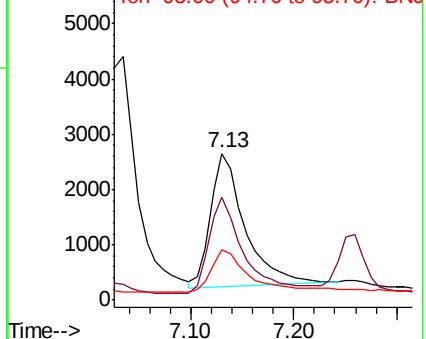
93 100

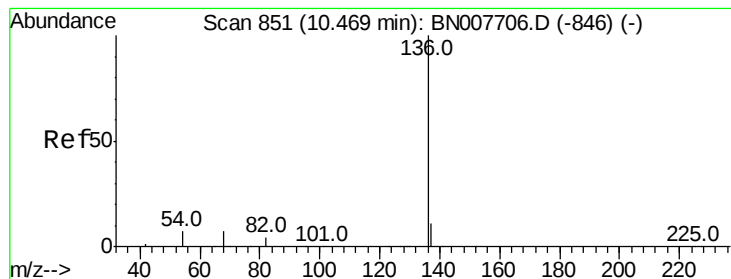
63 73.7 59.3 88.9

95 38.3 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

Tot Ion:136 Resp: 20756

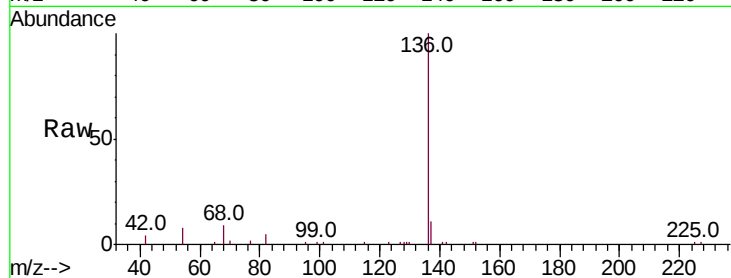
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.2 5.8 8.8

68 9.0 6.5 9.7

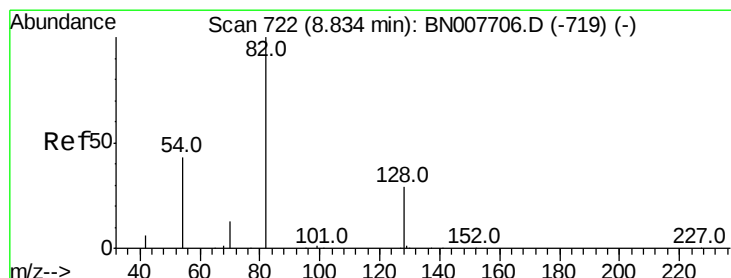
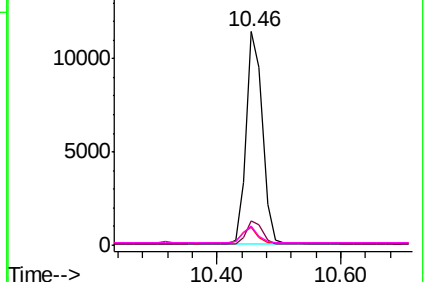
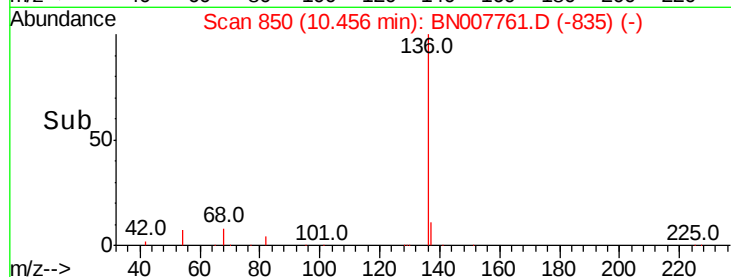


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.354 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

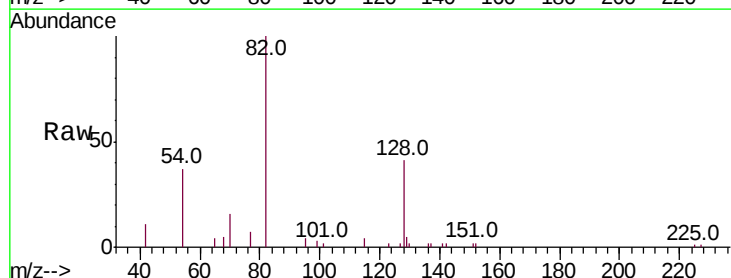
Tgt Ion: 82 Resp: 6420

Ion Ratio Lower Upper

82 100

128 40.9 24.5 36.7#

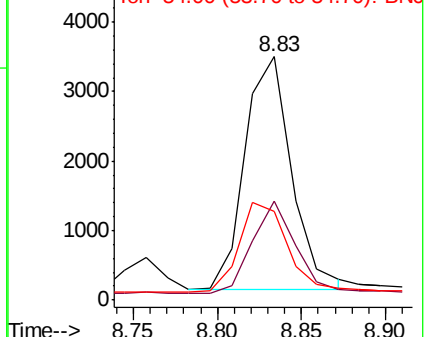
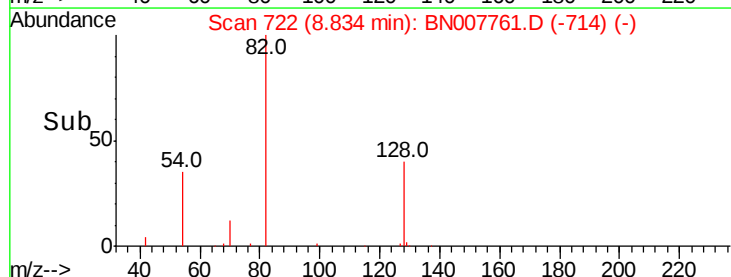
54 36.6 35.2 52.8

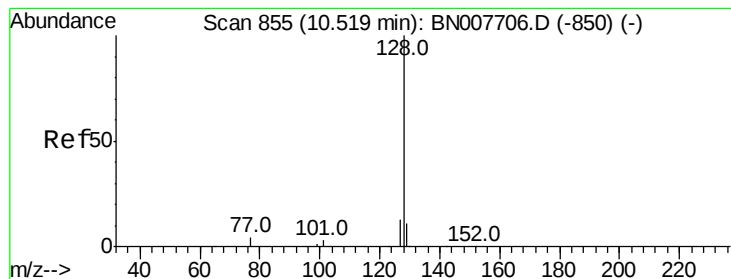


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.399 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

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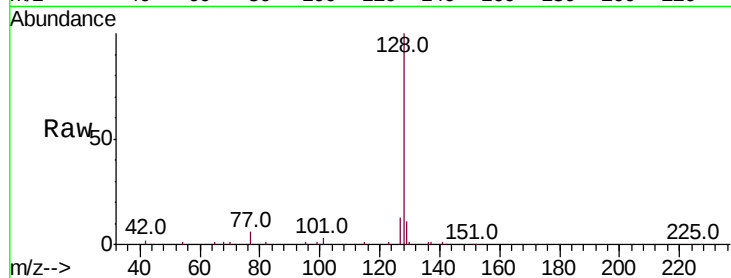
Tot Ion:128 Resp: 23230

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

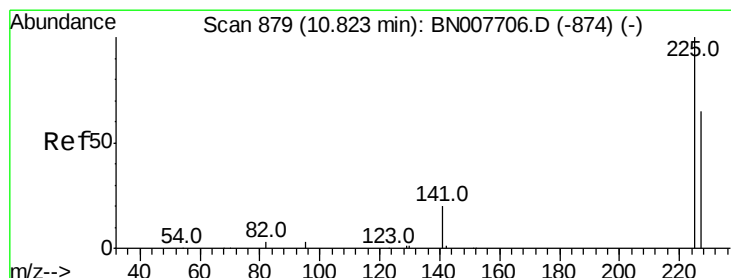
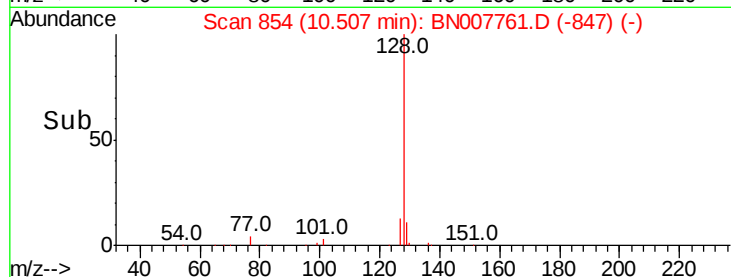
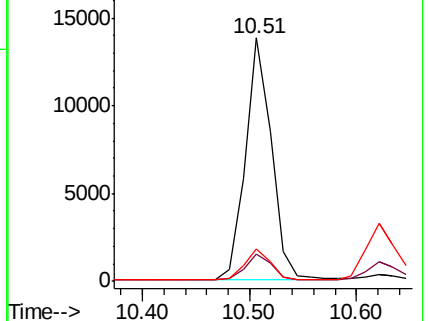
127 13.3 10.6 15.8



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: 0.400 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

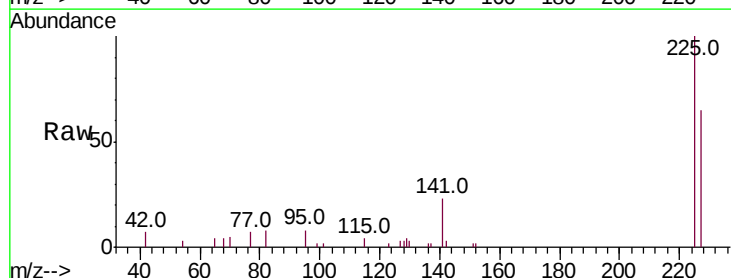
Tgt Ion:225 Resp: 4907

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

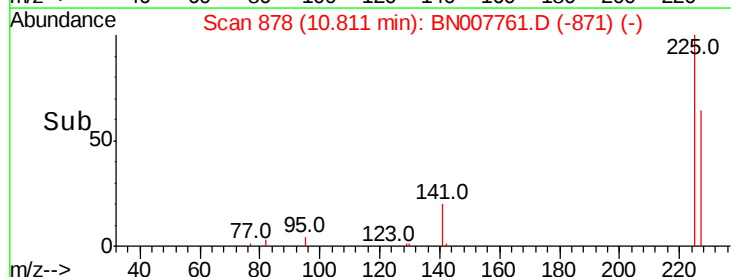
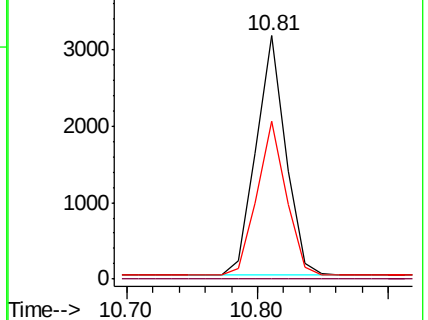
227 63.6 51.2 76.8

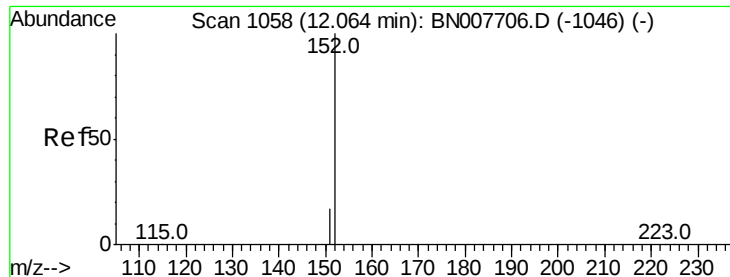


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

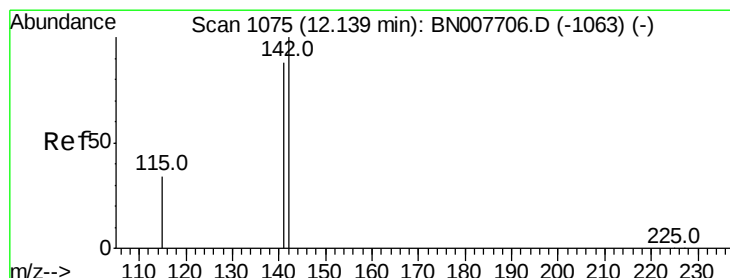
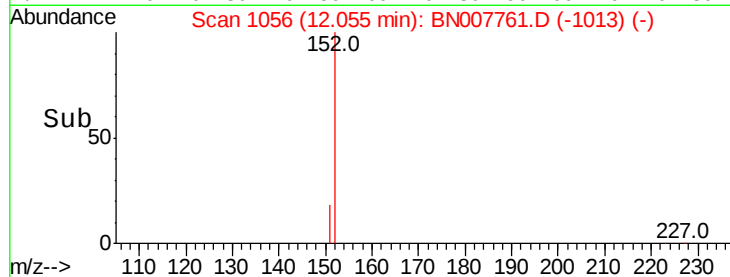
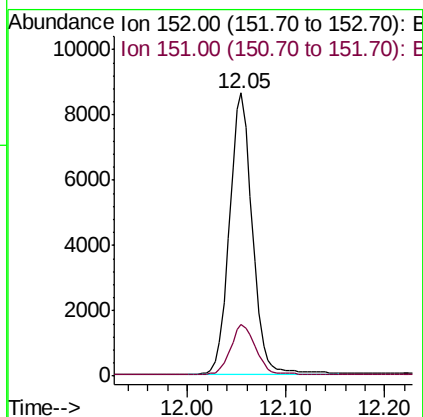
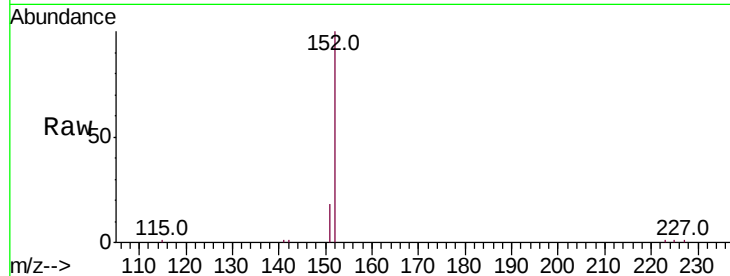




#11
 2-Methylnaphthalene-d10
 Concen: 0.395 ng
 RT: 12.05 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BN007761.D
 Acq: 20 Sep 2019 13:22

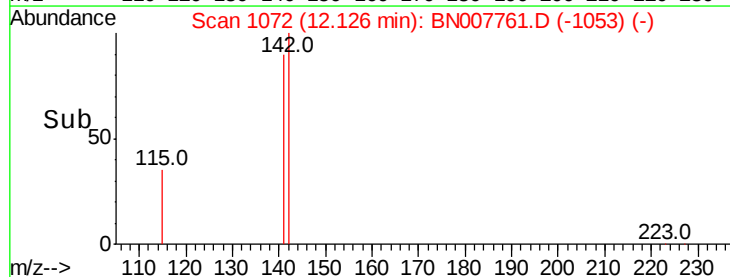
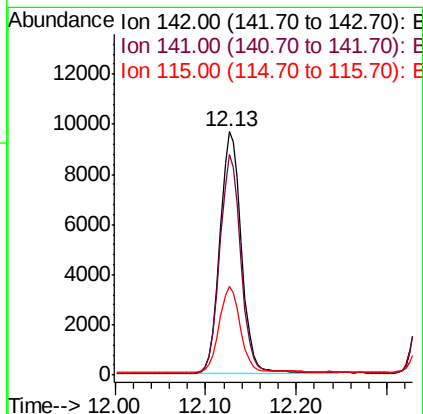
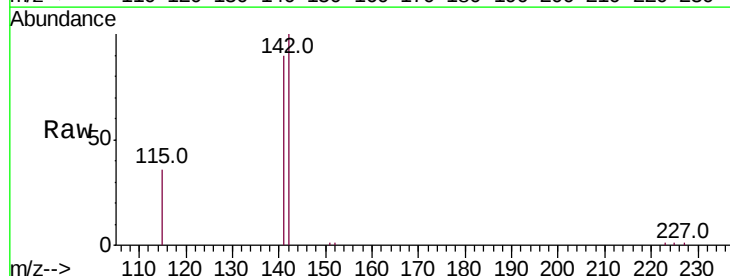
Instrument :
 BNA_N
 ClientSampleId :
 PB123061BS

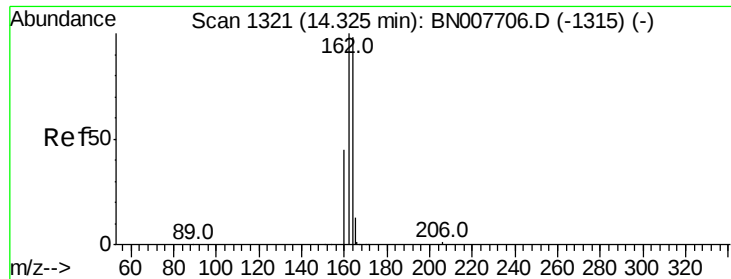
Tot Ion:152 Resp: 13826
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.399 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007761.D
 Acq: 20 Sep 2019 13:22

Tgt Ion:142 Resp: 15727
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.6 106.0
 115 36.4 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

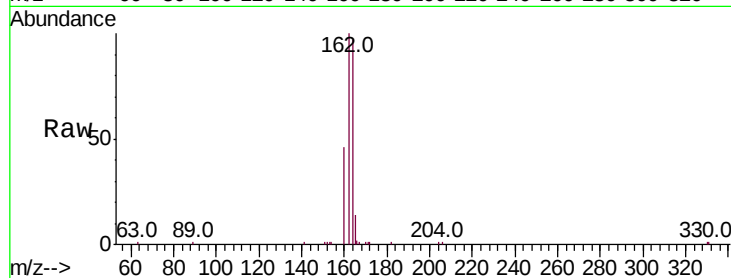
Tot Ion:164 Resp: 12710

Ion Ratio Lower Upper

164 100

162 103.3 81.7 122.5

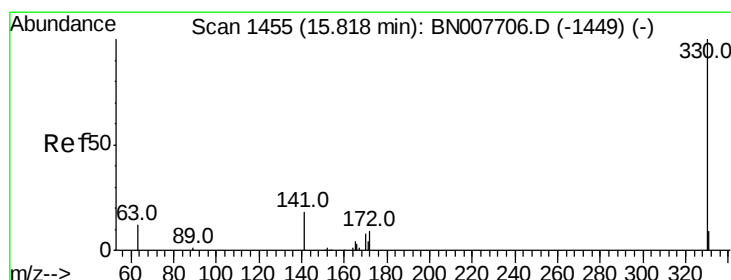
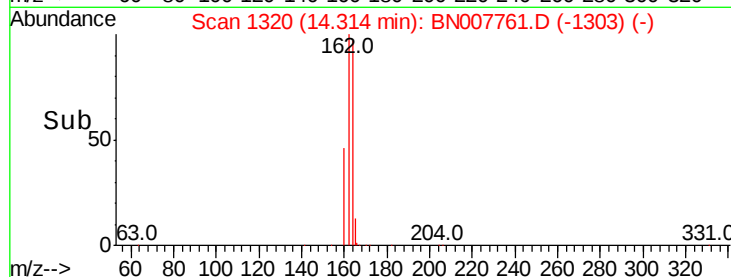
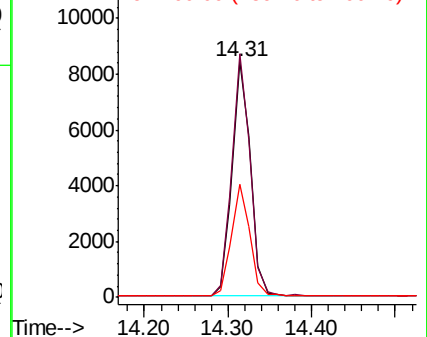
160 47.8 37.0 55.4



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: 0.287 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

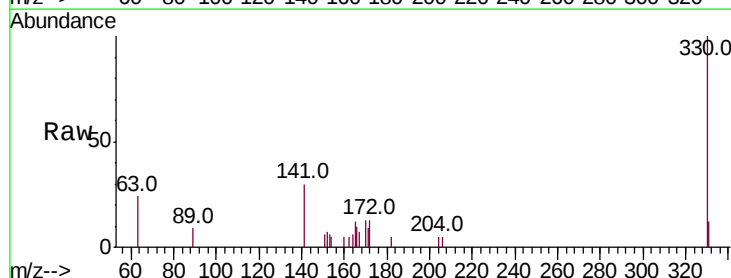
Tgt Ion:330 Resp: 1986

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

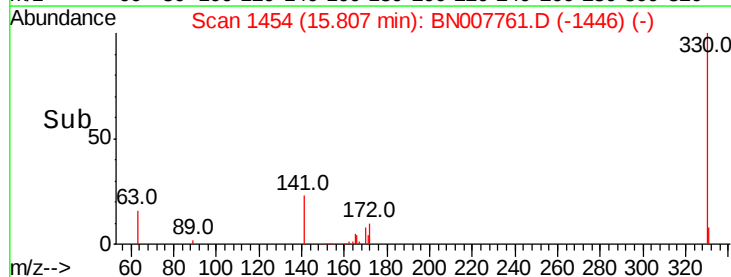
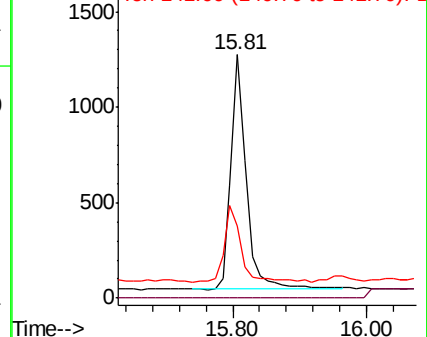
141 36.0 28.7 43.1



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

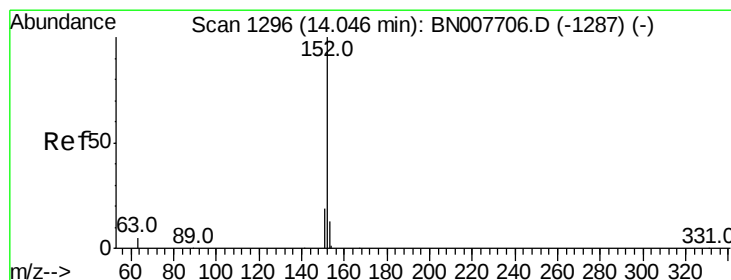
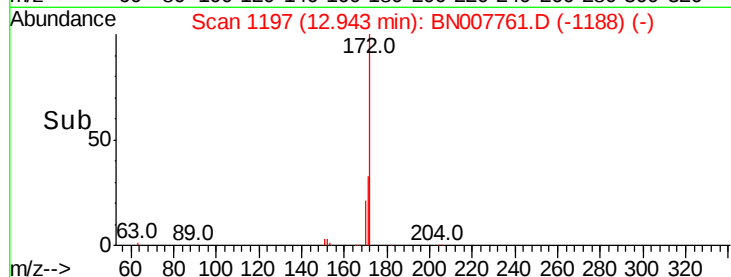
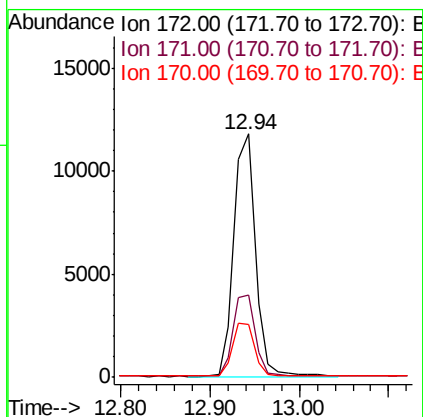
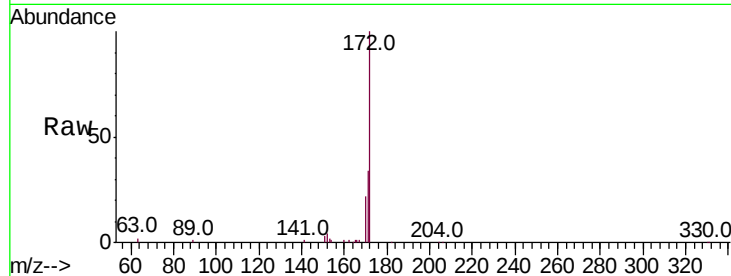




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

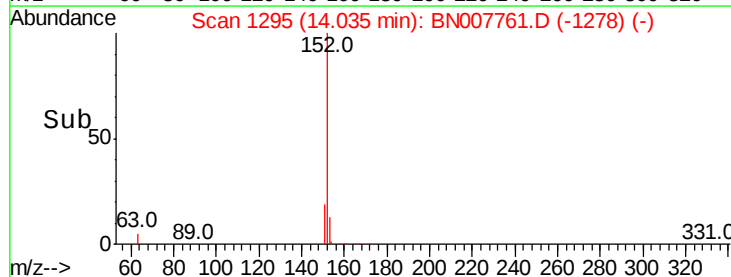
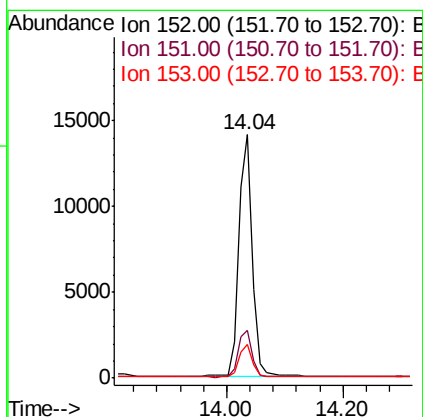
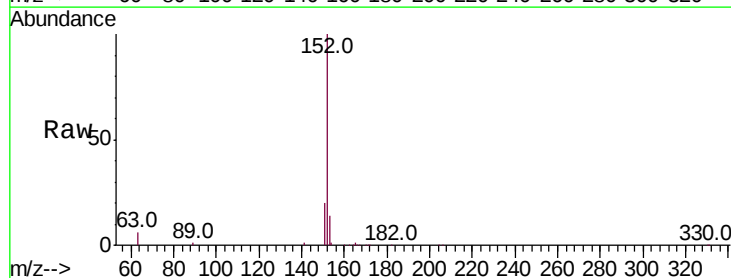
Instrument :
BNA_N
ClientSampleId :
PB123061BS

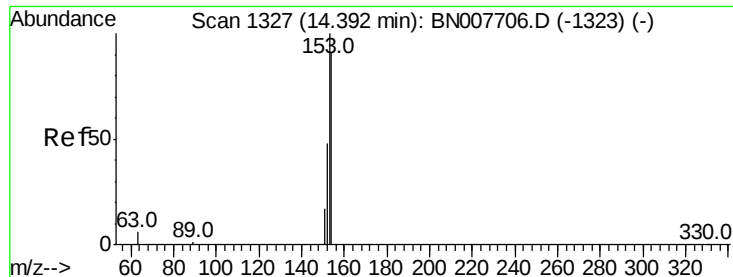
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.8	43.2
170	21.7	19.5	29.3



#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.2	10.4	15.6





#17

Acenaphthene

Concen: 0.358 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

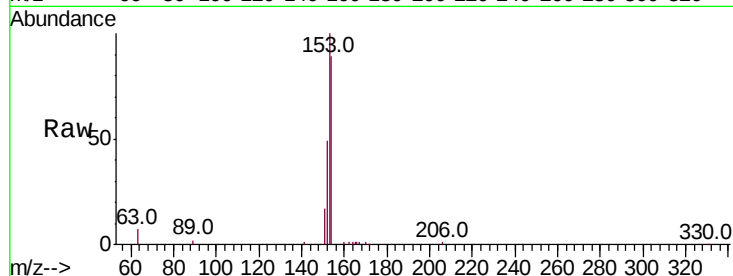
Tot Ion:154 Resp: 15573

Ion Ratio Lower Upper

154 100

153 112.4 87.0 130.4

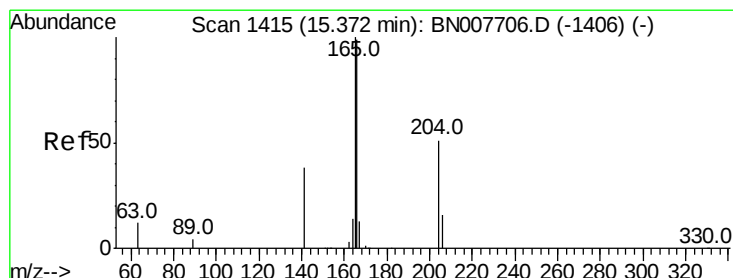
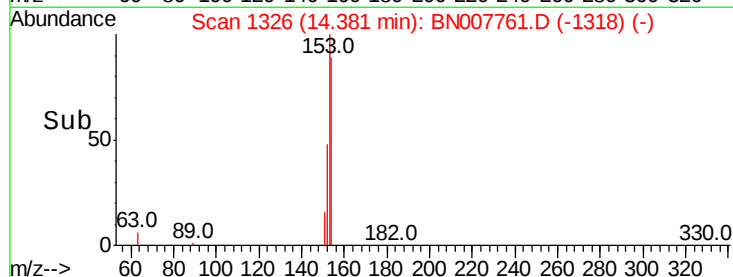
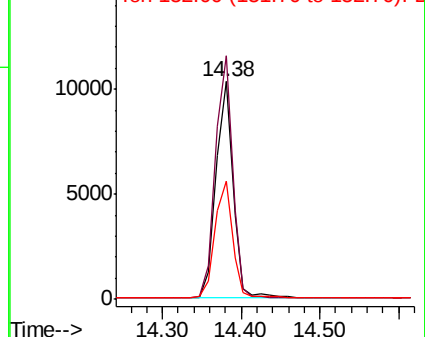
152 55.1 42.7 64.1



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: 0.359 ng

RT: 15.37 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

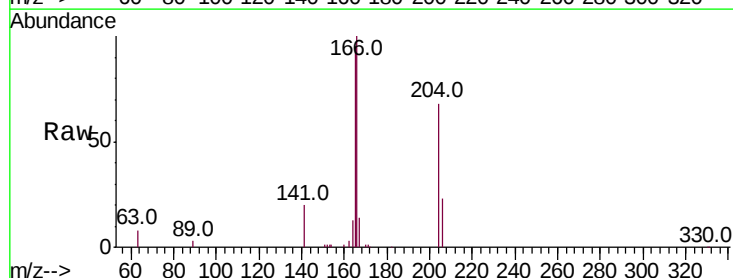
Tgt Ion:166 Resp: 20020

Ion Ratio Lower Upper

166 100

165 97.7 78.0 117.0

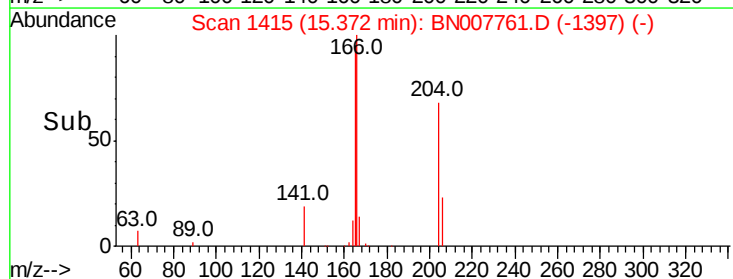
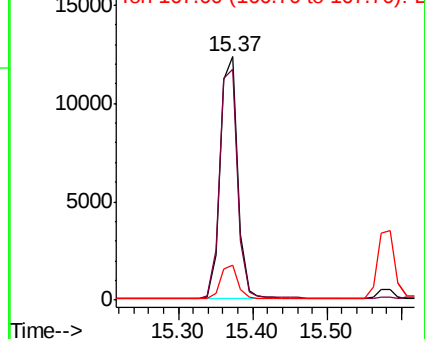
167 13.7 10.9 16.3

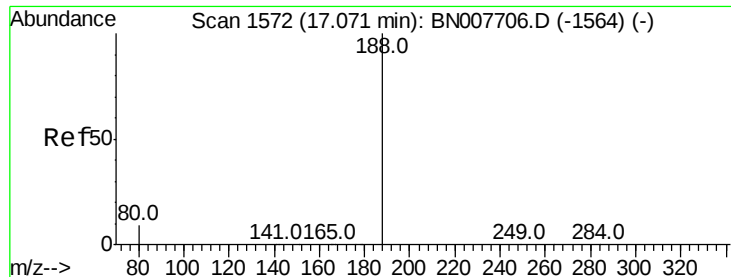


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

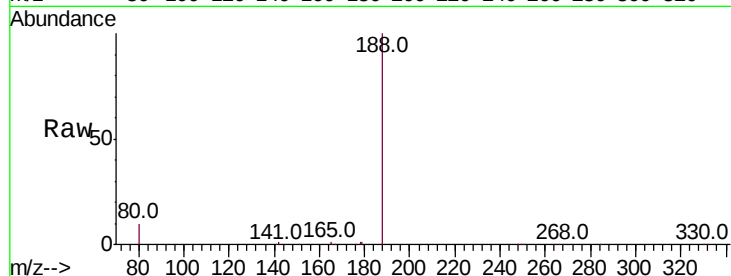
Tot Ion:188 Resp: 28274

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

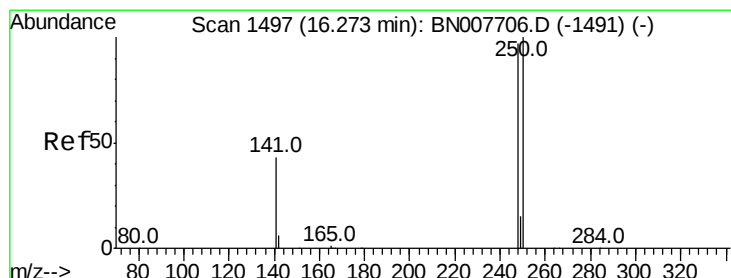
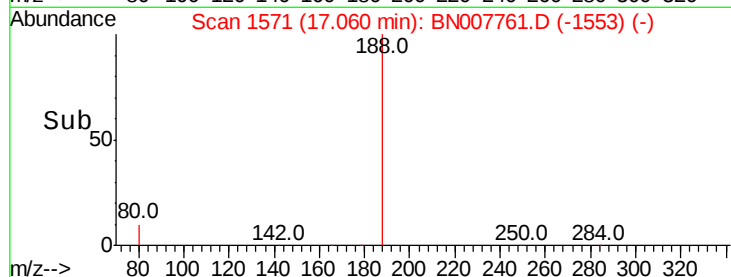
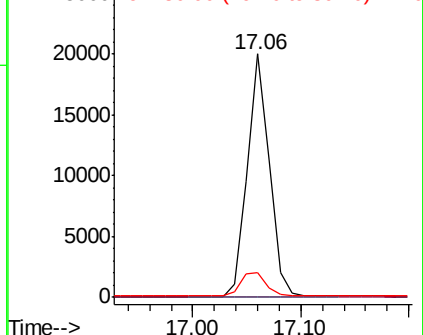
80 10.1 7.4 11.2



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: 0.401 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

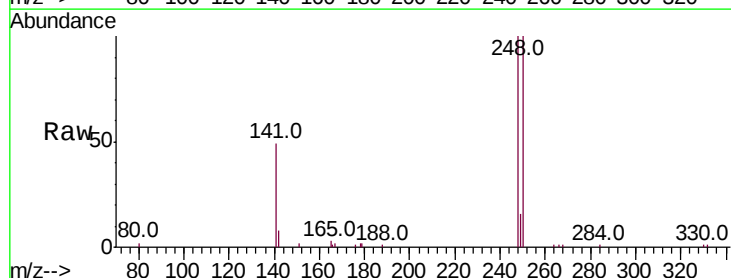
Tgt Ion:248 Resp: 6888

Ion Ratio Lower Upper

248 100

250 99.8 82.2 123.4

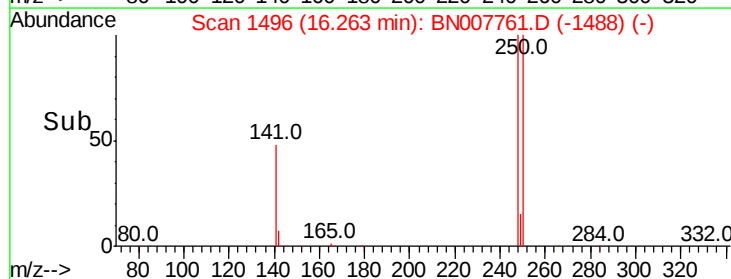
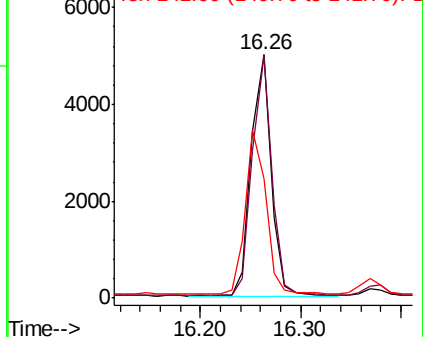
141 49.2 36.3 54.5

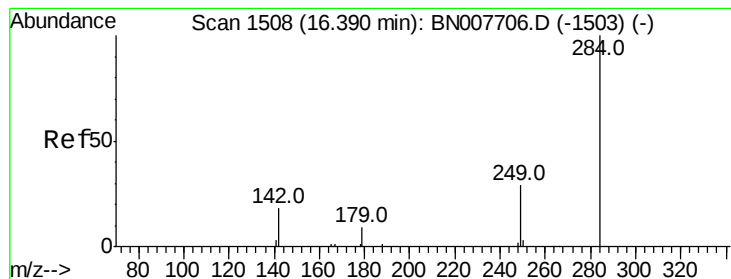


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.410 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

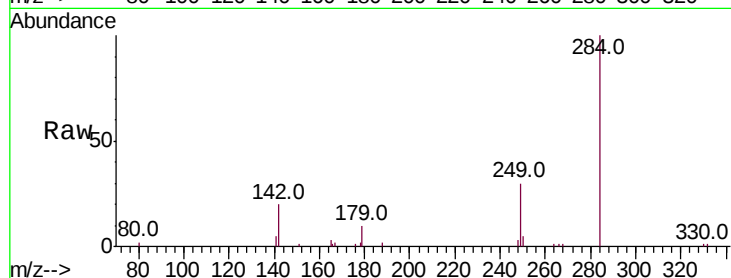
Tot Ion:284 Resp: 7693

Ion Ratio Lower Upper

284 100

142 32.2 25.8 38.6

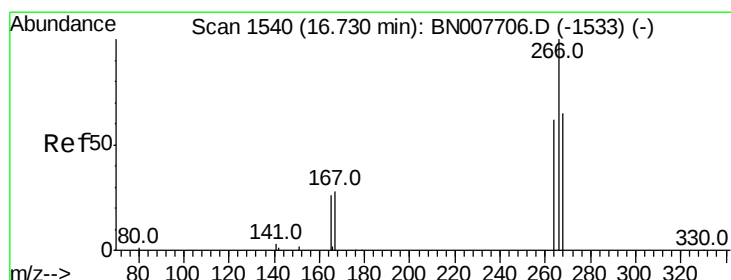
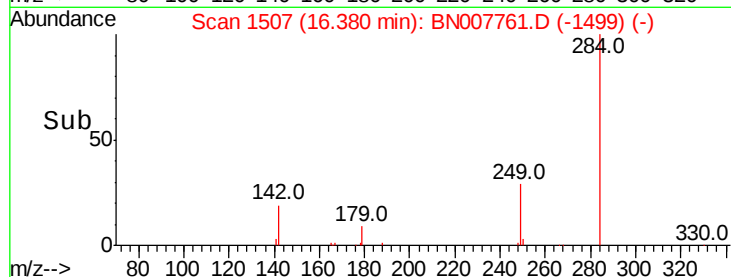
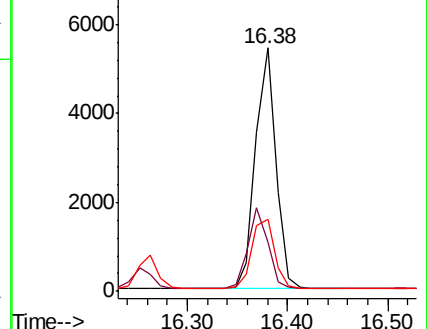
249 31.6 25.9 38.9



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: 0.290 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

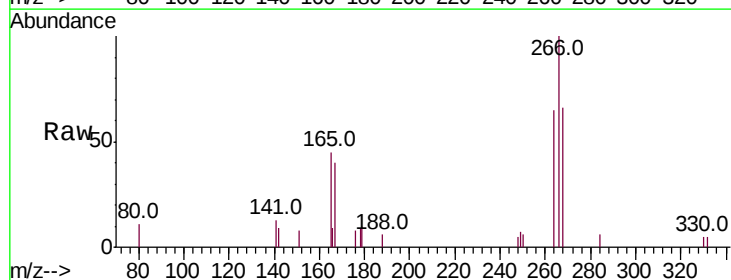
Tgt Ion:266 Resp: 2005

Ion Ratio Lower Upper

266 100

264 65.3 50.0 75.0

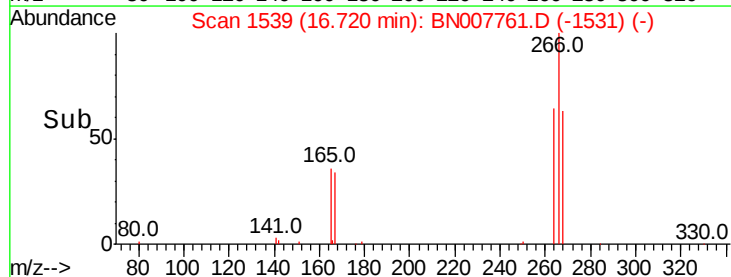
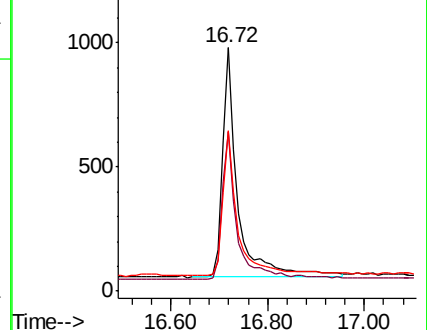
268 66.0 54.2 81.4

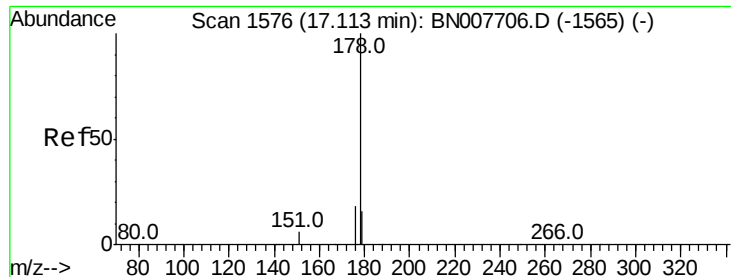


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.399 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

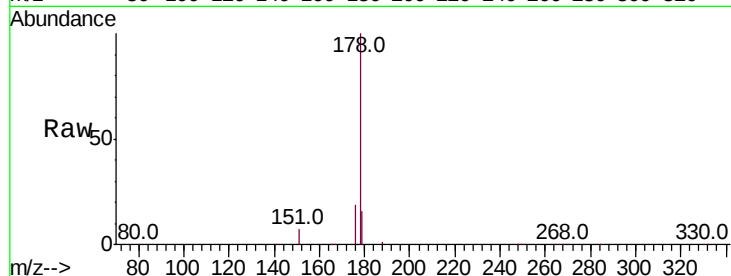
Tot Ion:178 Resp: 35135

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

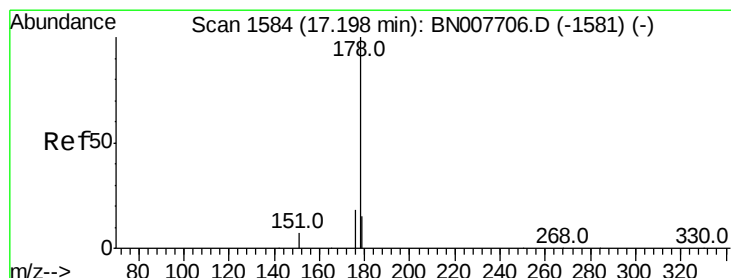
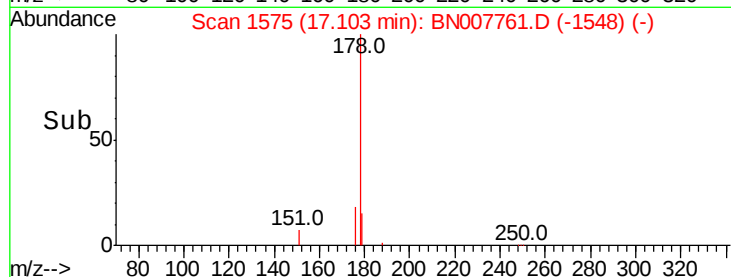
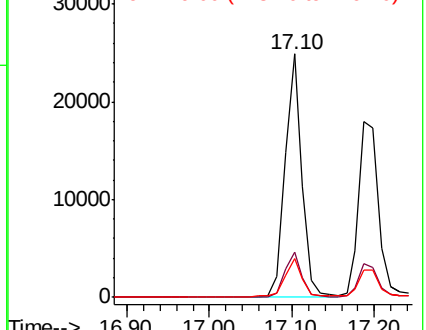
179 15.6 12.5 18.7



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: 0.377 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

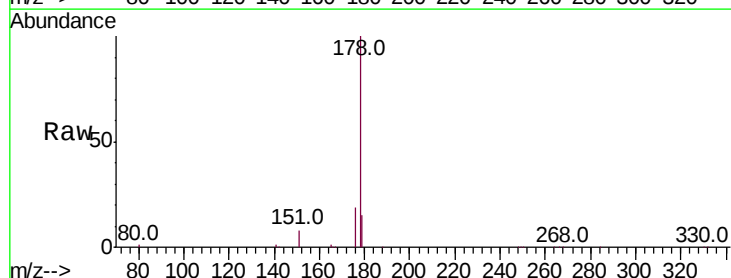
Tgt Ion:178 Resp: 29964

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

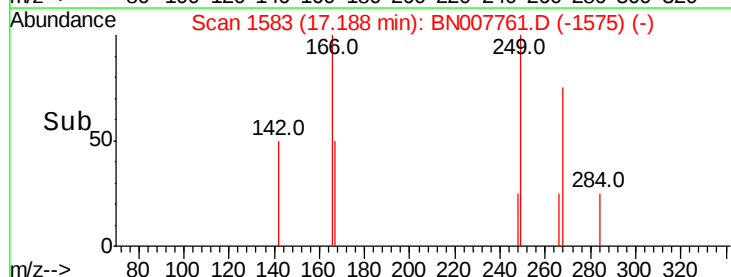
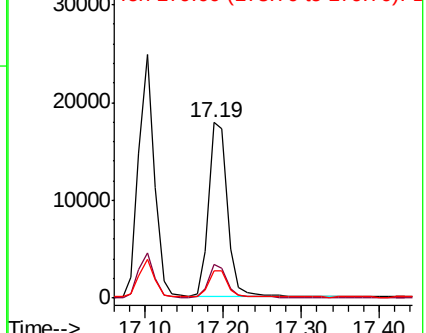
179 15.4 12.2 18.4

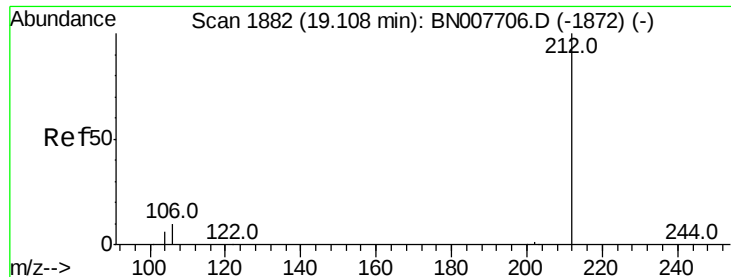


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

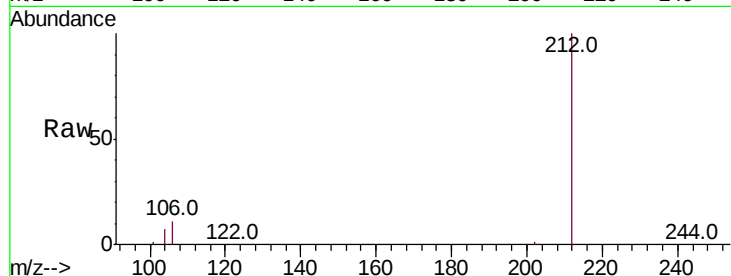
Tot Ion:212 Resp: 37546

Ion Ratio Lower Upper

212 100

106 11.6 9.4 14.0

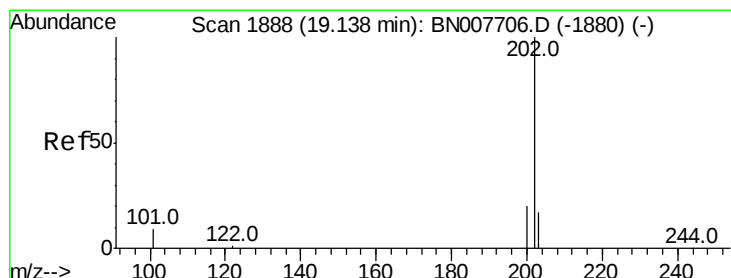
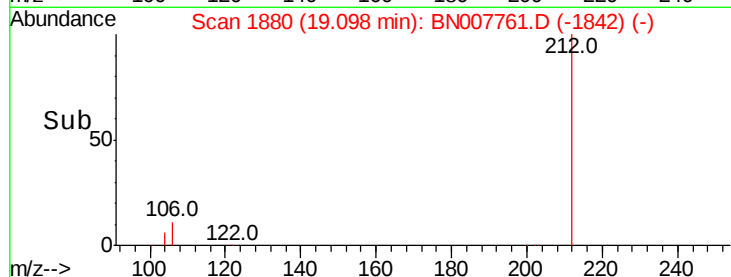
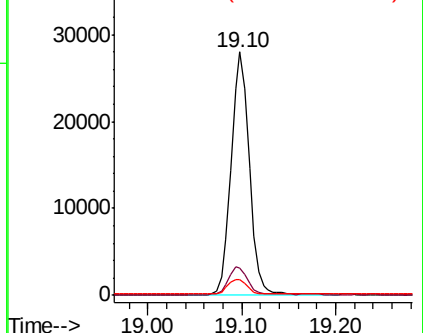
104 6.7 5.3 7.9



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: 0.398 ng

RT: 19.13 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

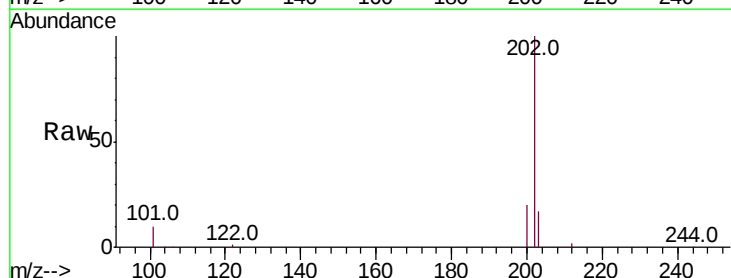
Tgt Ion:202 Resp: 43636

Ion Ratio Lower Upper

202 100

101 10.6 8.4 12.6

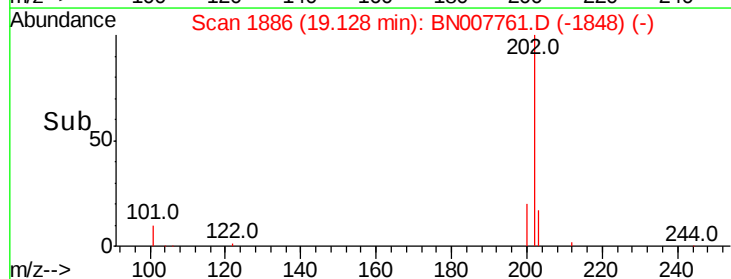
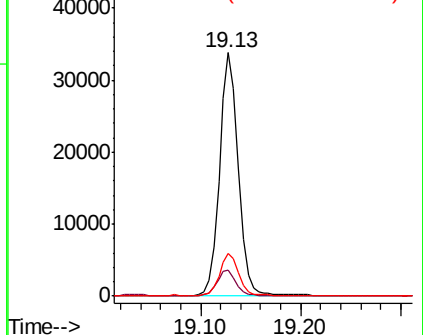
203 17.2 13.8 20.8



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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

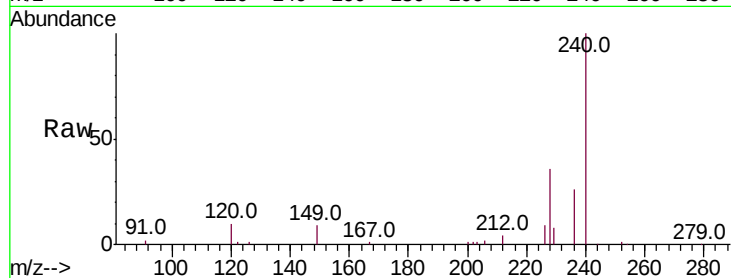
Tot Ion:240 Resp: 34006

Ion Ratio Lower Upper

240 100

120 10.0 5.4 8.2#

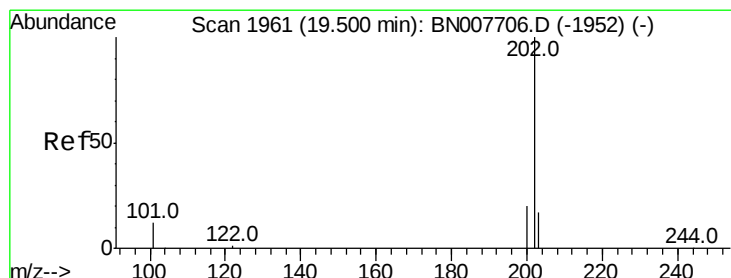
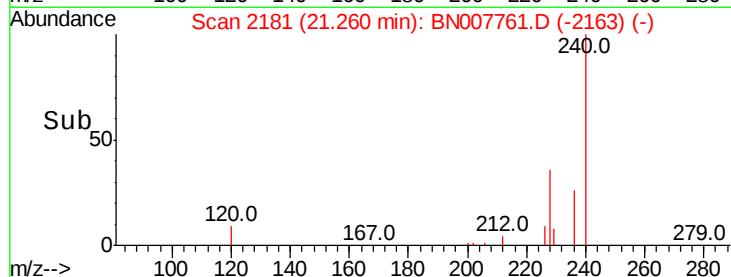
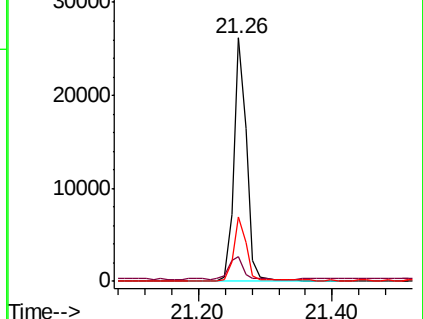
236 26.4 21.0 31.4



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: 0.387 ng

RT: 19.49 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

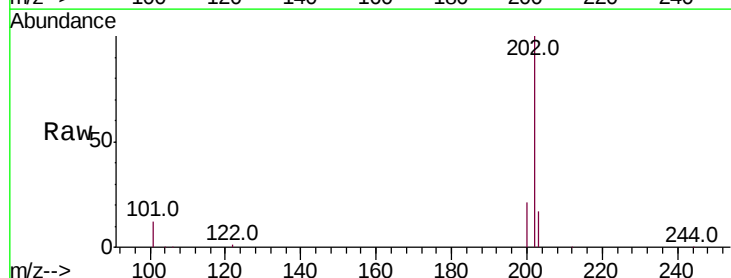
Tgt Ion:202 Resp: 44864

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

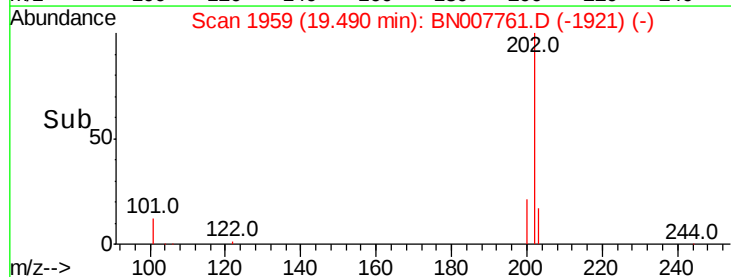
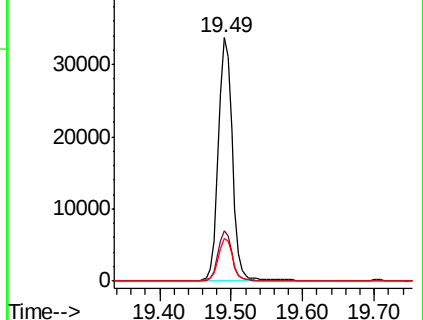
203 17.6 14.1 21.1

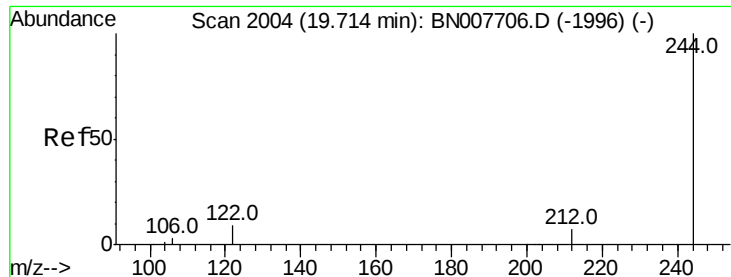


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.383 ng

RT: 19.70 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

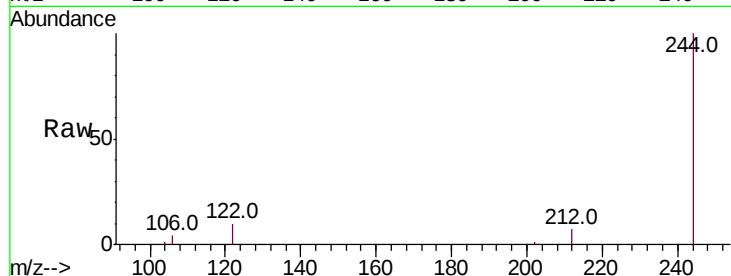
Tot Ion:244 Resp: 31960

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

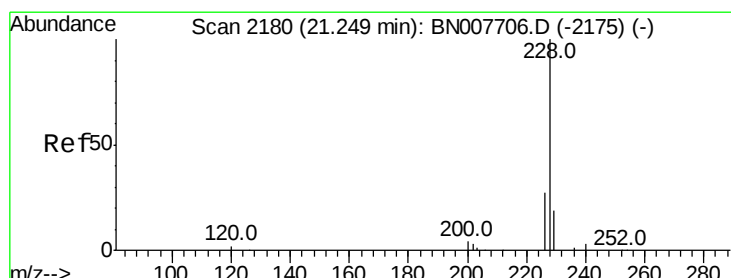
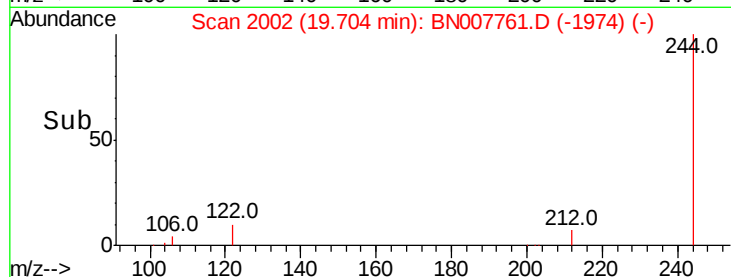
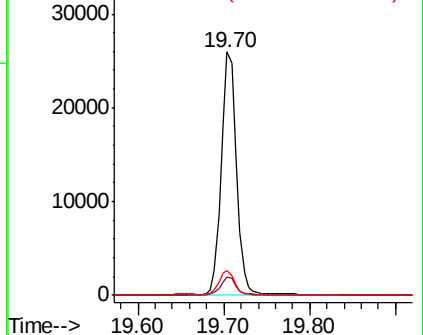
122 10.4 7.4 11.2



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: 0.378 ng

RT: 21.25 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

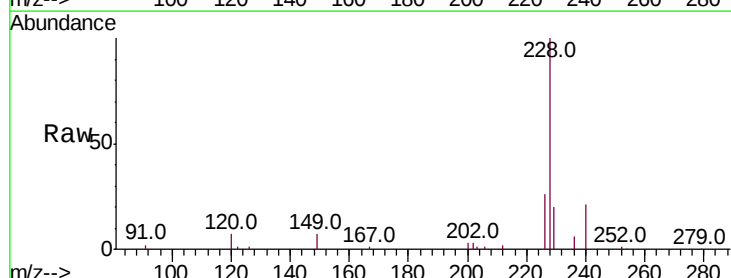
Tgt Ion:228 Resp: 47276

Ion Ratio Lower Upper

228 100

226 25.9 22.1 33.1

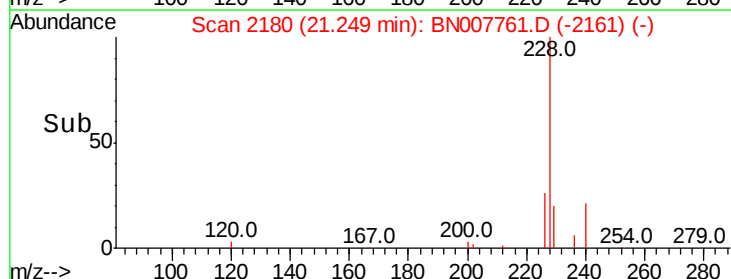
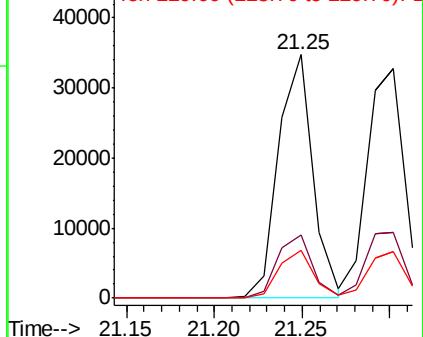
229 19.8 15.8 23.6

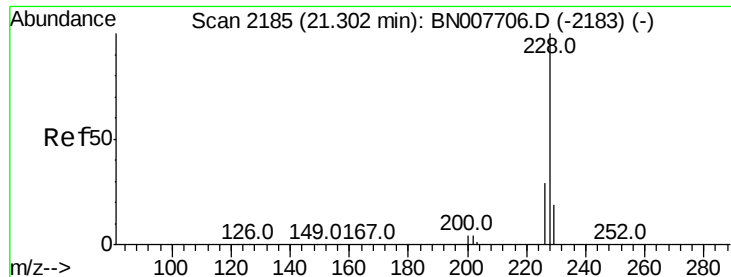


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.30 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

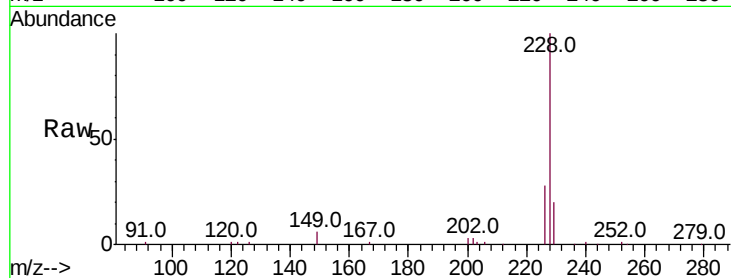
BNA_N

ClientSampleId :

PB123061BS

Tot Ion:228 Resp: 48410

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.9	35.9
229	20.1	15.8	23.6

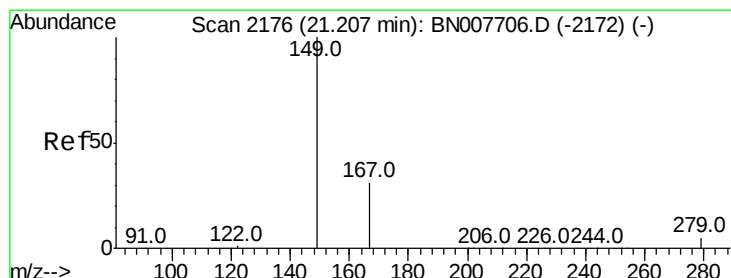
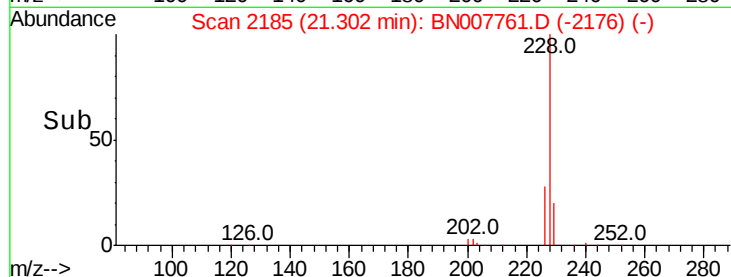
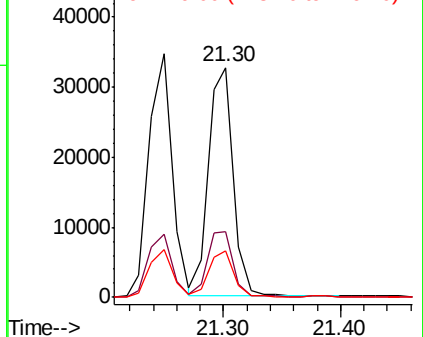


Abundance

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: 0.453 ng

RT: 21.20 min Scan# 2175

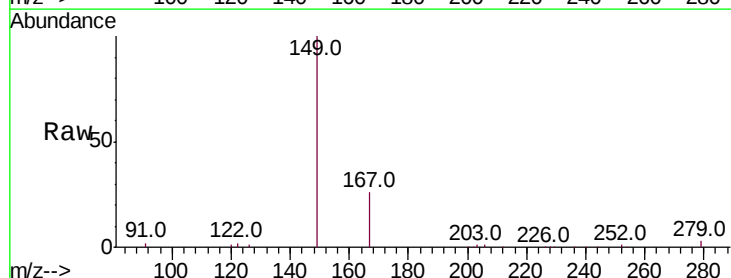
Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Tgt Ion:149 Resp: 29148

Ion	Ratio	Lower	Upper
149	100		
167	25.5	23.7	35.5
279	4.2	4.2	6.2

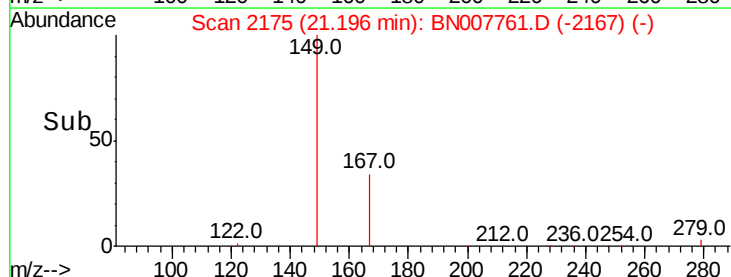
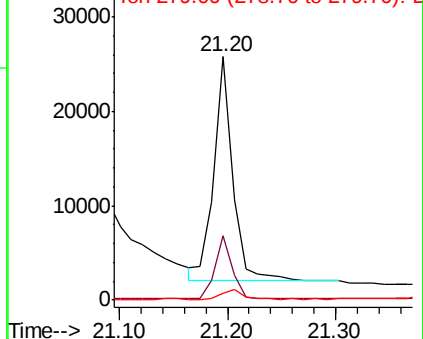


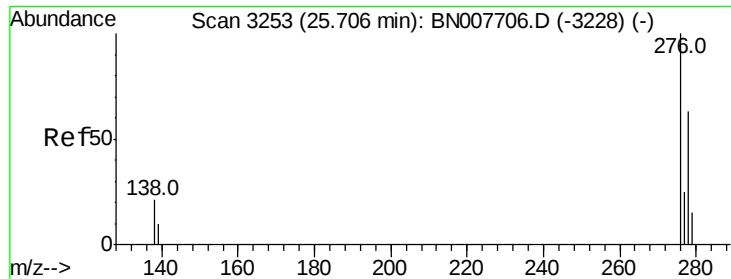
Abundance

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: 0.384 ng

RT: 25.69 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

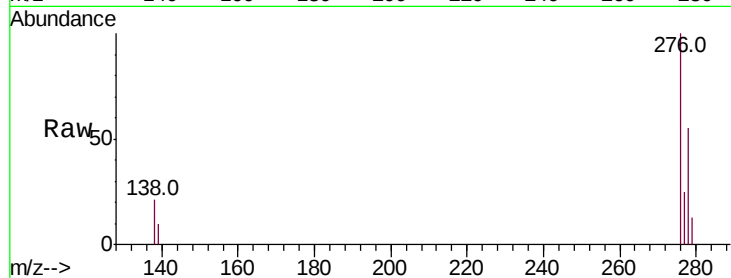
Tot Ion:276 Resp: 58746

Ion Ratio Lower Upper

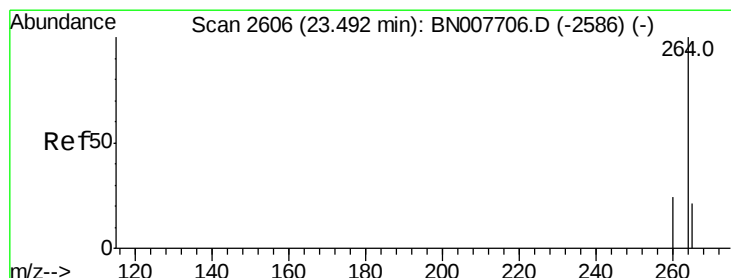
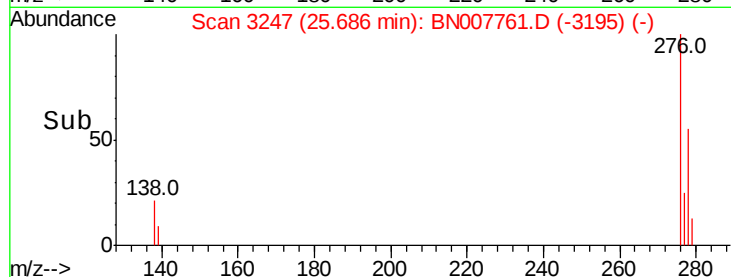
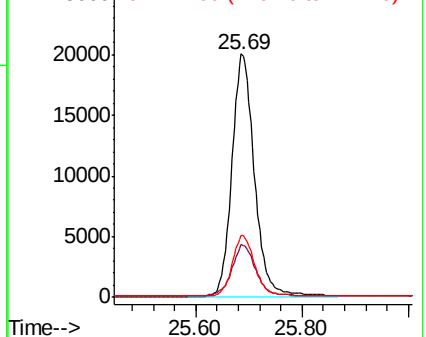
276 100

138 22.3 17.1 25.7

277 24.9 20.0 30.0



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: 23.48 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

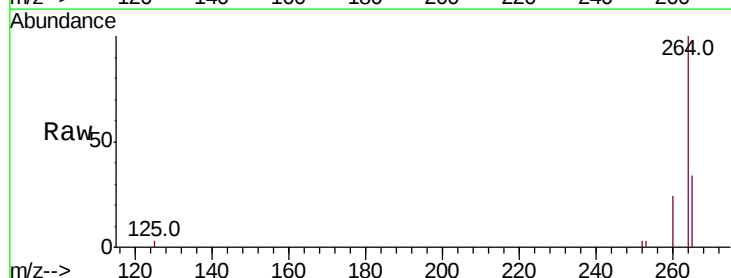
Tgt Ion:264 Resp: 37091

Ion Ratio Lower Upper

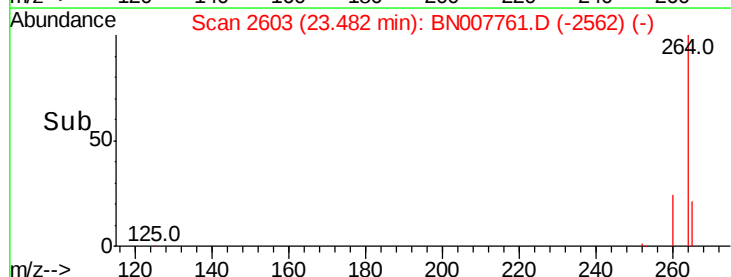
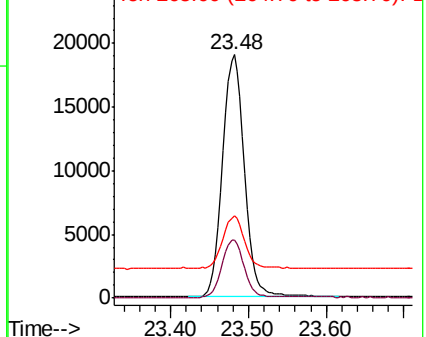
264 100

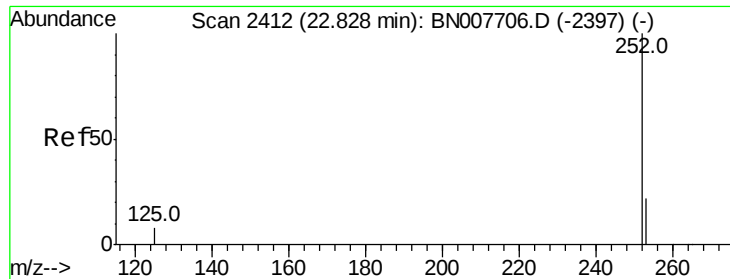
260 23.9 19.3 28.9

265 33.7 26.9 40.3



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: 0.368 ng

RT: 22.82 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

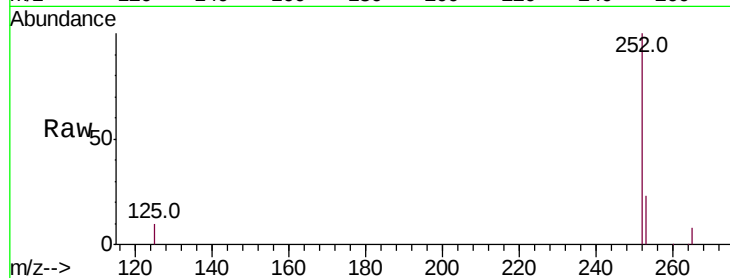
Tot Ion:252 Resp: 47333

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

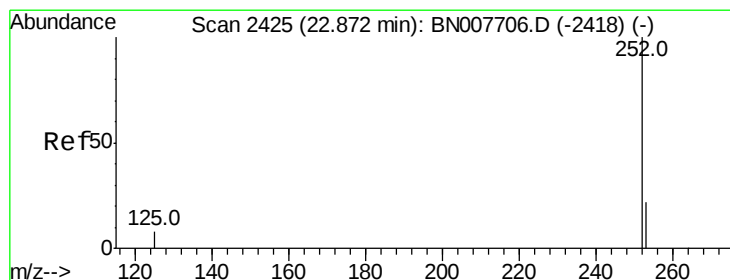
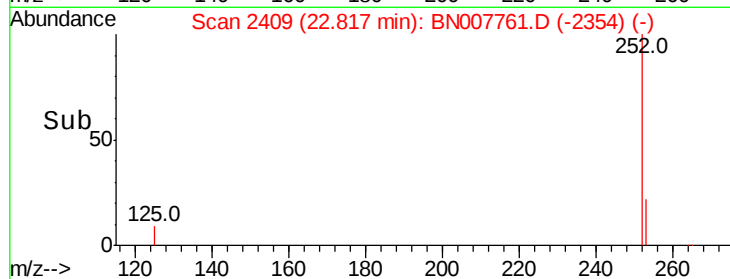
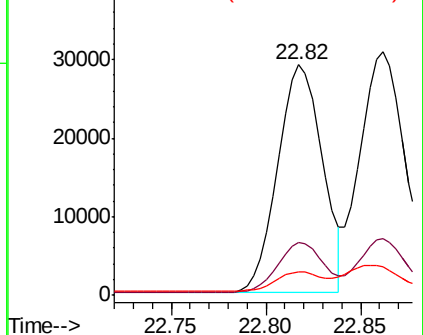
125 10.4 8.2 12.4



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: 0.416 ng

RT: 22.86 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

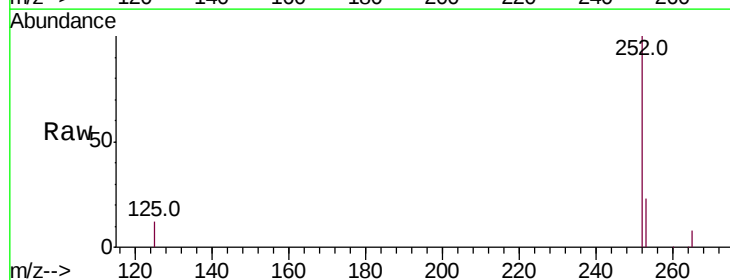
Tgt Ion:252 Resp: 52908

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

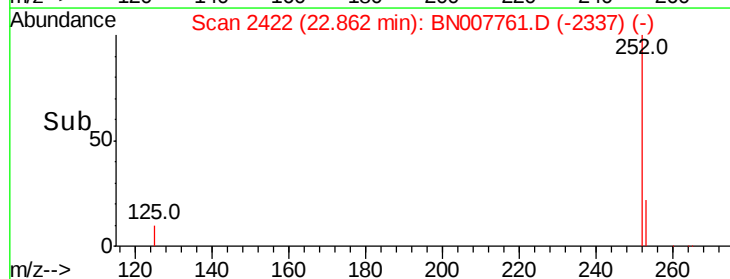
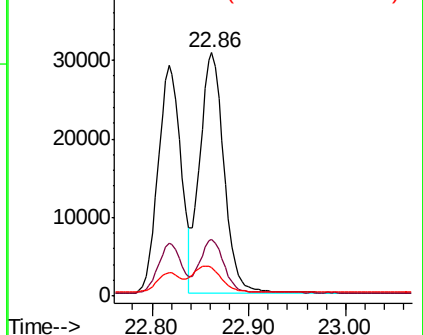
125 11.6 8.4 12.6

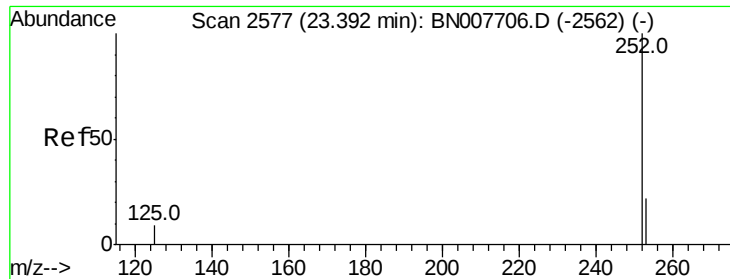


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.374 ng

RT: 23.38 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

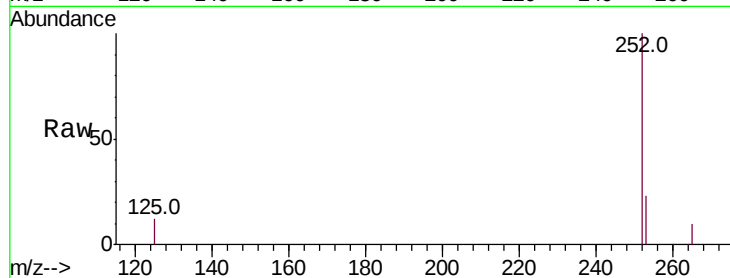
Tot Ion:252 Resp: 45266

Ion Ratio Lower Upper

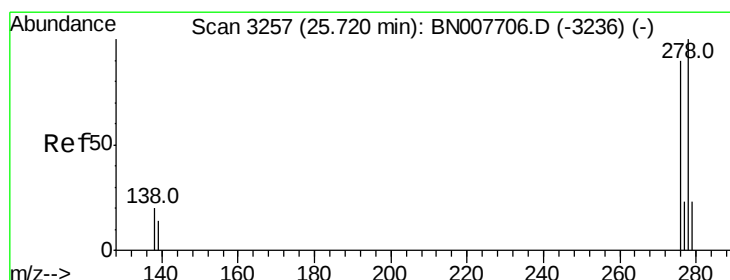
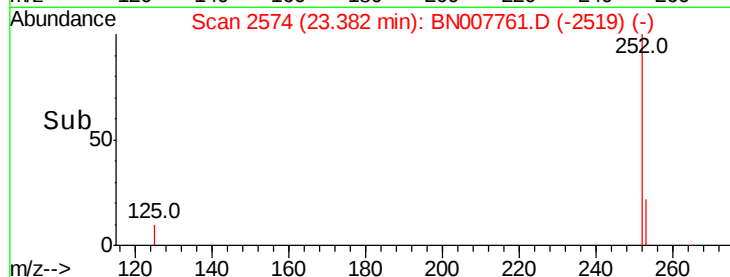
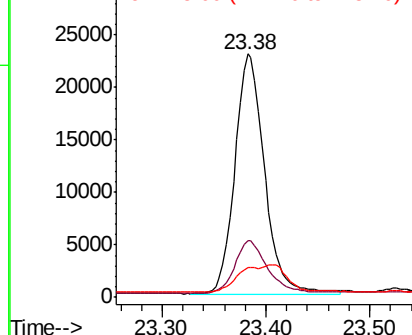
252 100

253 23.3 18.6 27.8

125 12.4 9.4 14.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.383 ng

RT: 25.70 min Scan# 3252

Delta R.T. -0.02 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

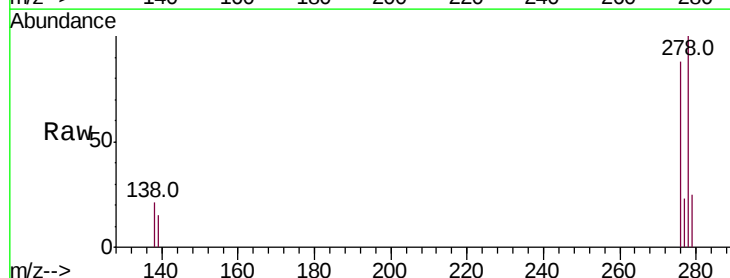
Tgt Ion:278 Resp: 47371

Ion Ratio Lower Upper

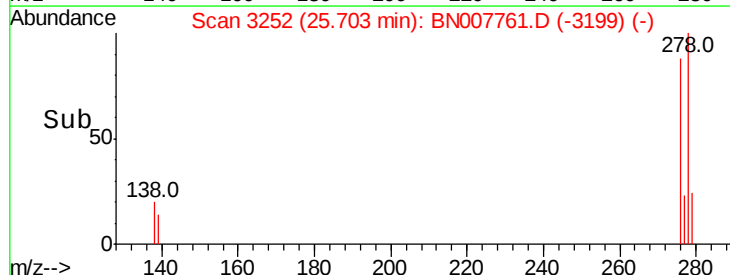
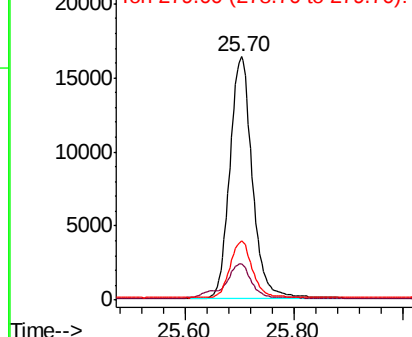
278 100

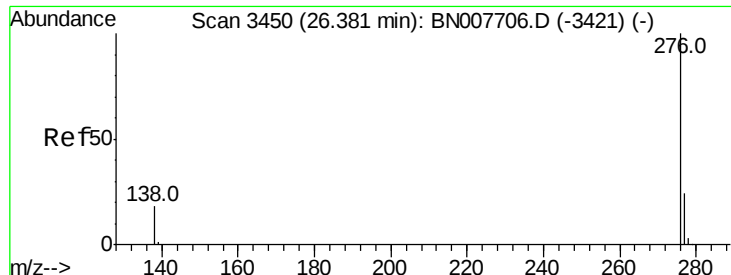
139 14.9 11.8 17.6

279 24.6 19.4 29.2



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: 0.378 ng

RT: 26.36 min Scan# 3444

Delta R.T. -0.02 min

Lab File: BN007761.D

Acq: 20 Sep 2019 13:22

Instrument :

BNA_N

ClientSampleId :

PB123061BS

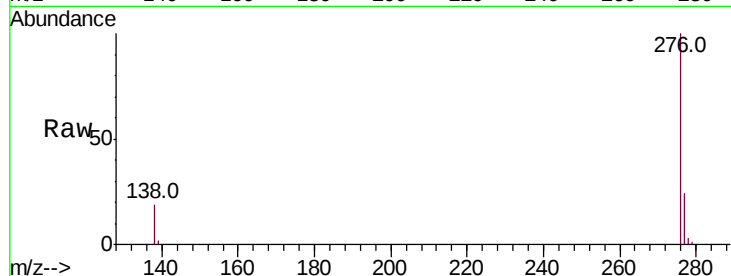
Tot Ion:276 Resp: 46349

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 19.2 15.1 22.7



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

