

Data File : BN007891.D
Acq On : 30 Sep 2019 11:42
Operator : JU
Sample : PB123468BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Quant Time: Oct 01 06:46:09 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	16938	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	66432	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	38179	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	73614	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	64185	0.40	ng	-0.01
34) Perylene-d12	23.47	264	75021	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	4249	0.07	ng	0.00
5) Phenol-d6	6.87	99	3444	0.04	ng	0.00
8) Nitrobenzene-d5	8.83	82	9463	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	18753	0.17	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2376	0.11	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	24695	0.16	ng	-0.01
25) Fluoranthene-d10	19.09	212	35521	0.14	ng	-0.02
29) Terphenyl-d14	19.70	244	30874	0.20	ng	-0.02

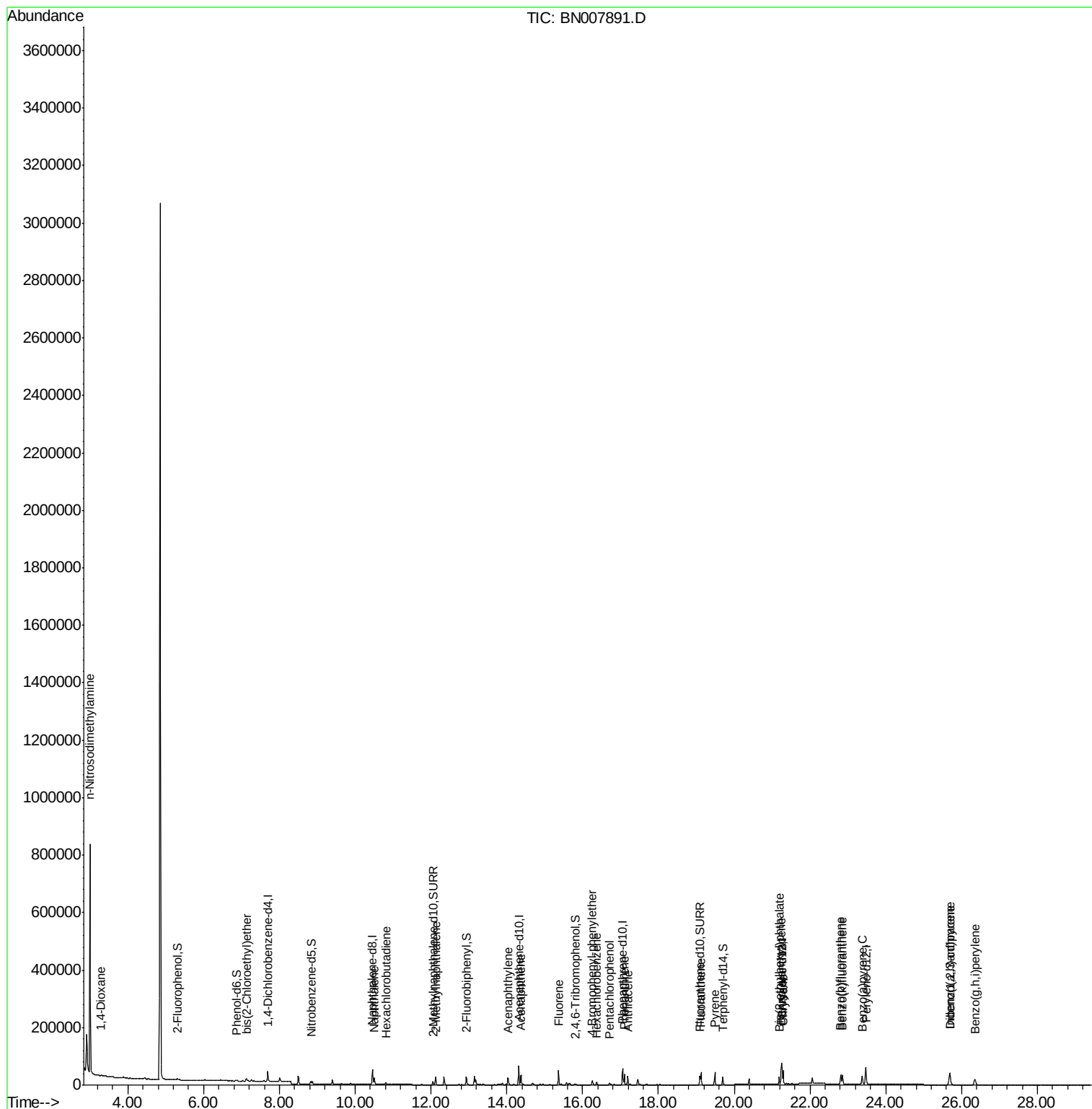
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	1694	0.090	ng	# 76
3) n-Nitrosodimethylamine	3.00	42	61923	7.161	ng	# 70
6) bis(2-Chloroethyl)ether	7.13	93	8687	0.181	ng	94
9) Naphthalene	10.51	128	30665	0.164	ng	100
10) Hexachlorobutadiene	10.81	225	5646	0.144	ng	# 99
12) 2-Methylnaphthalene	12.13	142	20436	0.162	ng	100
16) Acenaphthylene	14.02	152	29713	0.147	ng	100
17) Acenaphthene	14.38	154	18845	0.144	ng	97
18) Fluorene	15.36	166	23406	0.140	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	7852	0.176	ng	# 72
21) Hexachlorobenzene	16.38	284	7822	0.160	ng	99
22) Pentachlorophenol	16.72	266	3219	0.179	ng	99
23) Phenanthrene	17.10	178	38298	0.167	ng	100
24) Anthracene	17.19	178	33205	0.160	ng	99
26) Fluoranthene	19.12	202	39775	0.139	ng	100
28) Pyrene	19.49	202	40033	0.183	ng	99
30) Benzo(a)anthracene	21.24	228	36923	0.156	ng	99
31) Chrysene	21.29	228	36675	0.159	ng	100
32) Bis(2-ethylhexyl)phthalate	21.19	149	18709	0.154	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	49495	0.172	ng	100
35) Benzo(b)fluoranthene	22.81	252	40132	0.154	ng	99
36) Benzo(k)fluoranthene	22.85	252	40997	0.159	ng	99
37) Benzo(a)pyrene	23.38	252	39420	0.161	ng	98
38) Dibenzo(a,h)anthracene	25.70	278	40529	0.162	ng	99
39) Benzo(g,h,i)perylene	26.35	276	42243	0.170	ng	99

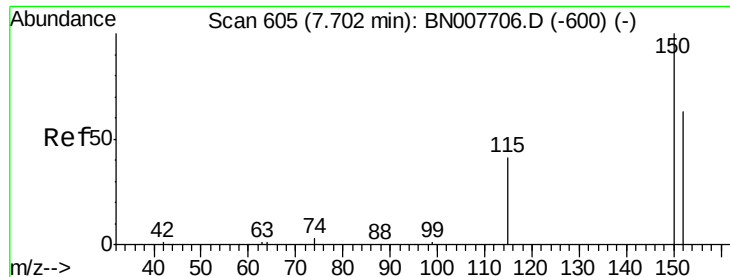
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

BNA_N

ClientSampleId :

PB123468BS

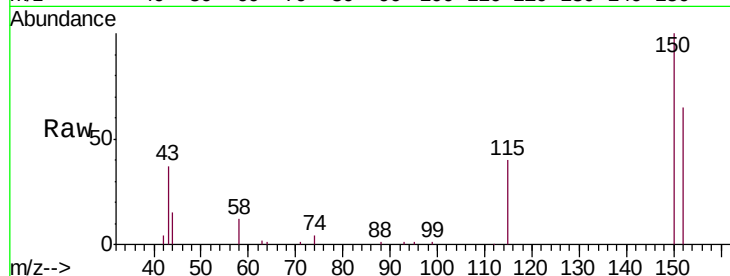
Tgt Ion:152 Resp: 16938

Ion Ratio Lower Upper

152 100

150 154.2 125.6 188.4

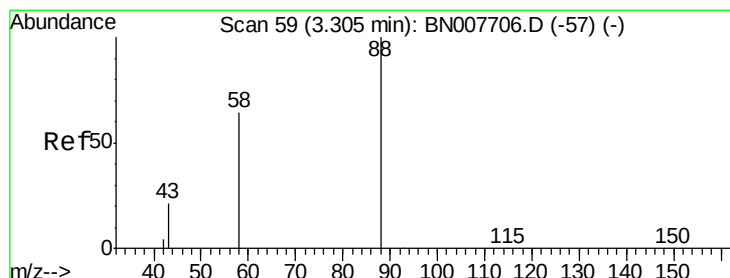
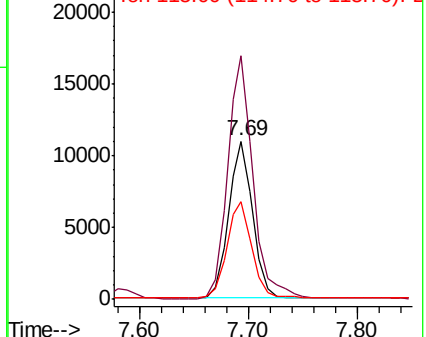
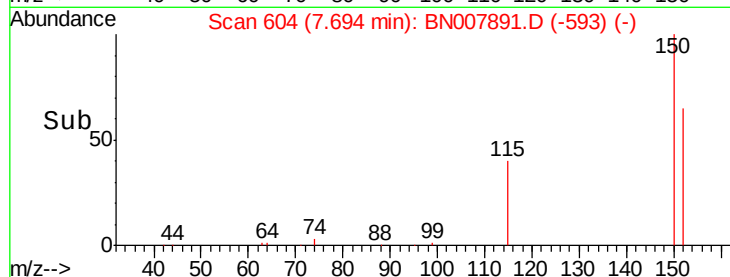
115 62.1 53.3 79.9



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: 0.090 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

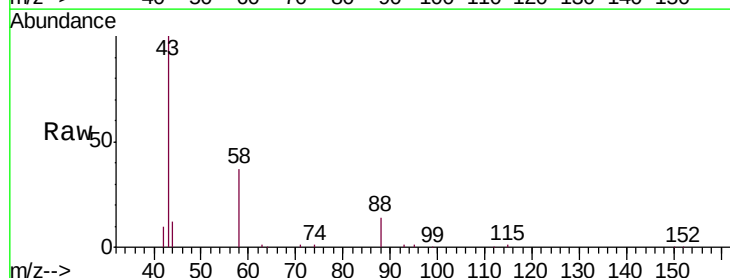
Tgt Ion: 88 Resp: 1694

Ion Ratio Lower Upper

88 100

58 68.9 44.6 66.8#

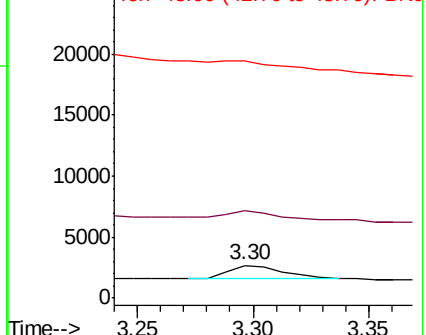
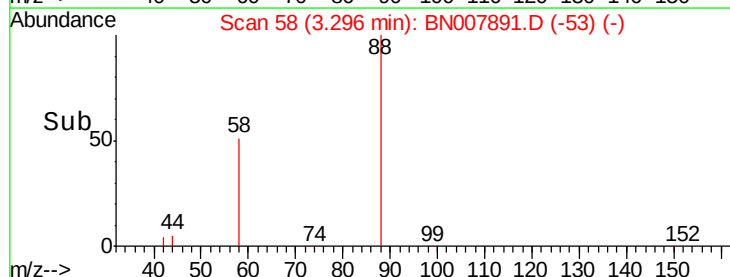
43 0.0 14.4 21.6#

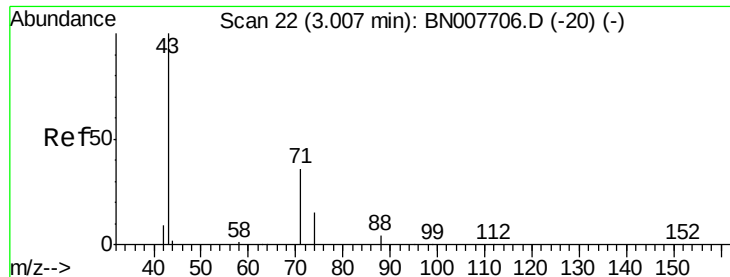


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 7.161 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

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Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampled :

PB123468BS

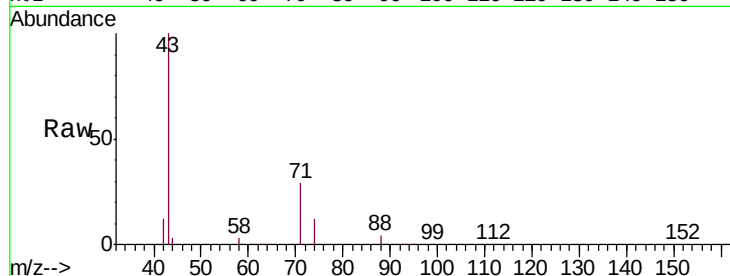
Tgt Ion: 42 Resp: 61923

Ion Ratio Lower Upper

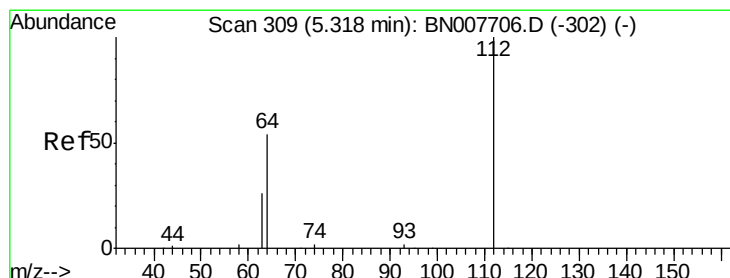
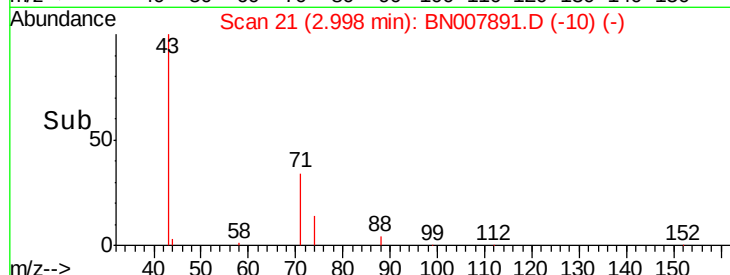
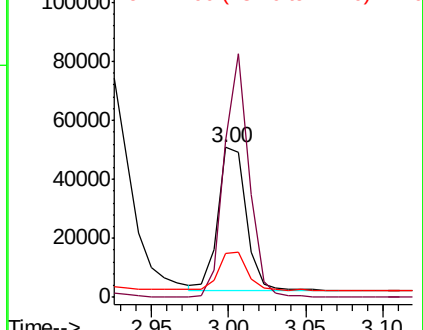
42 100

74 146.0 87.9 131.9#

44 27.1 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.073 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

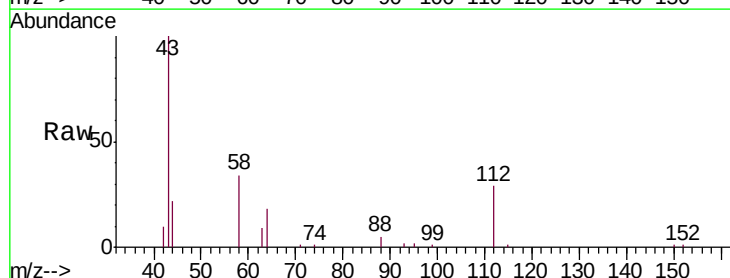
Tgt Ion: 112 Resp: 4249

Ion Ratio Lower Upper

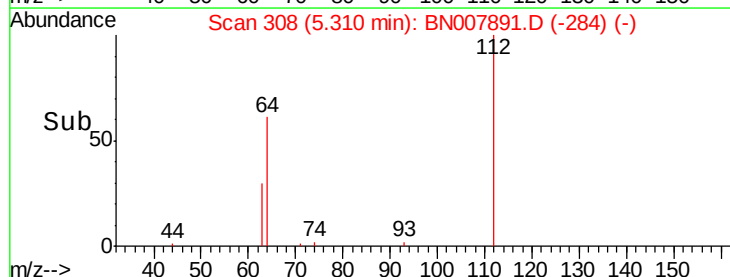
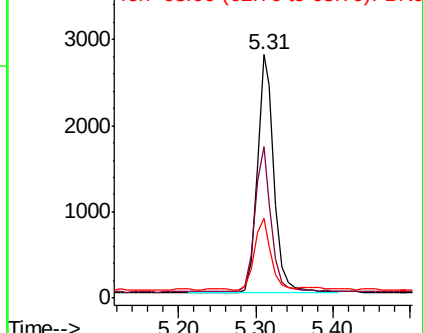
112 100

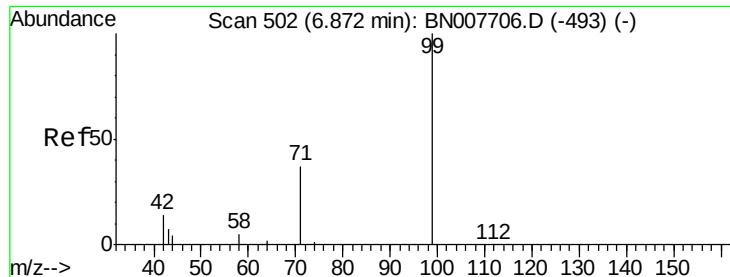
64 58.9 46.6 70.0

63 28.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.042 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

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PB123468BS

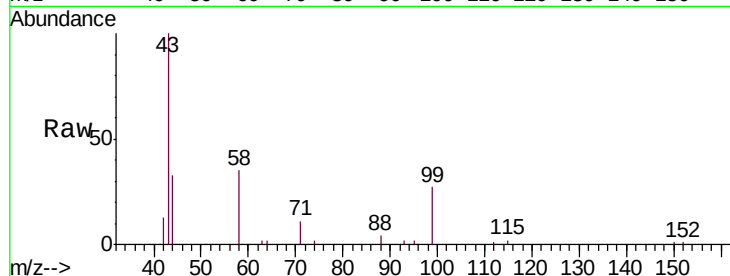
Tgt Ion: 99 Resp: 3444

Ion Ratio Lower Upper

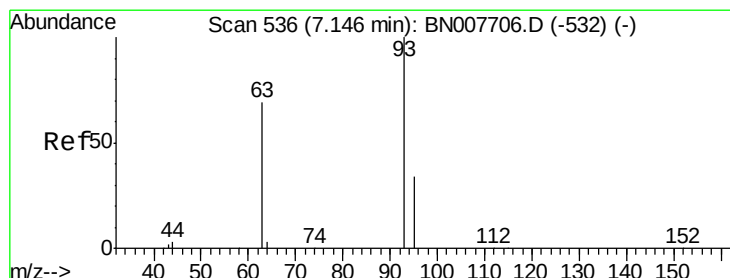
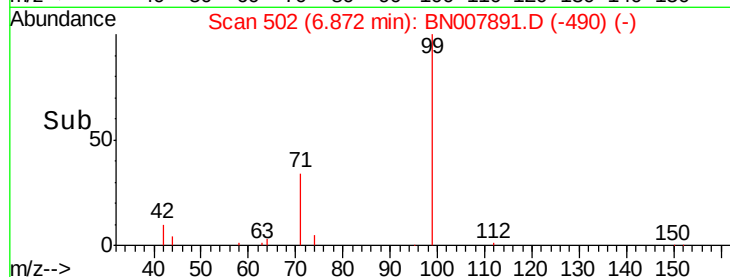
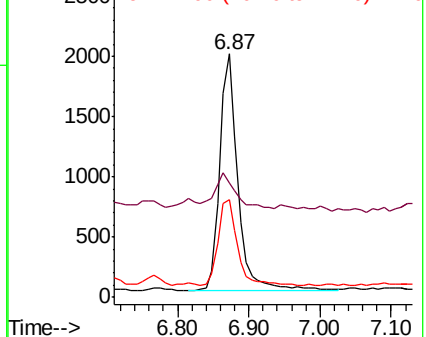
99 100

42 17.9 12.8 19.2

71 38.2 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: 0.181 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

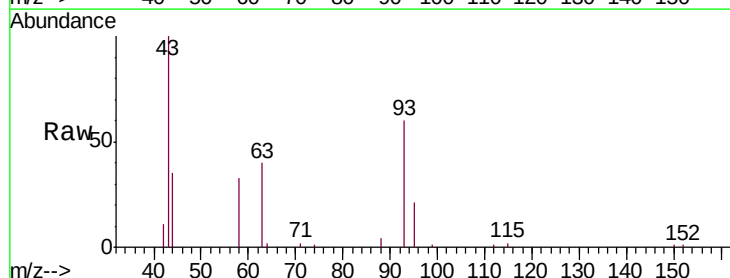
Tgt Ion: 93 Resp: 8687

Ion Ratio Lower Upper

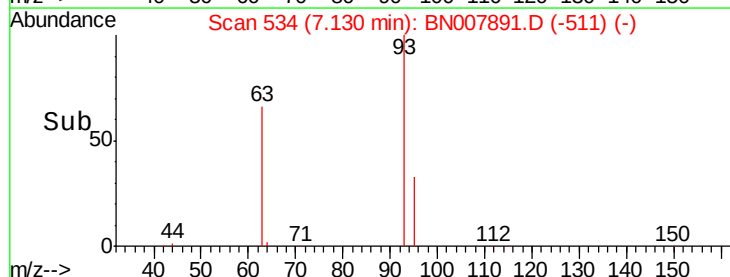
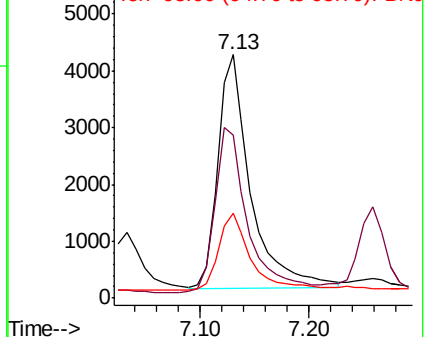
93 100

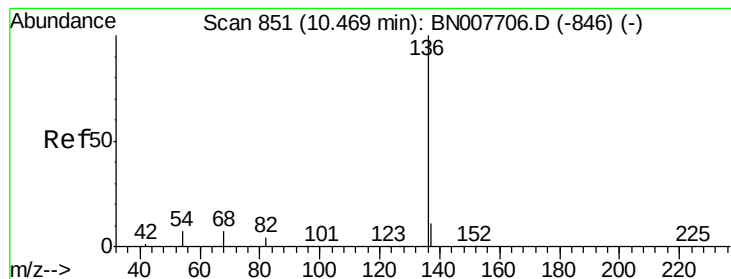
63 71.1 59.3 88.9

95 33.0 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: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB123468BS

Tgt Ion:136 Resp: 66432

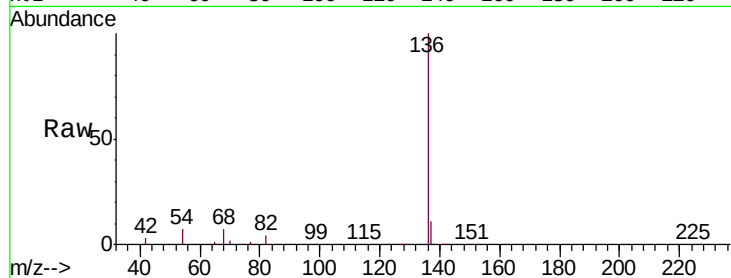
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.9 5.8 8.8

68 7.4 6.5 9.7

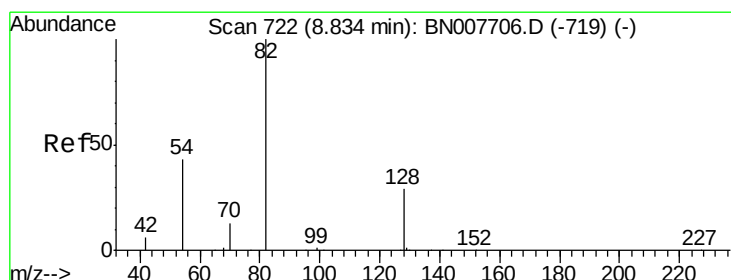
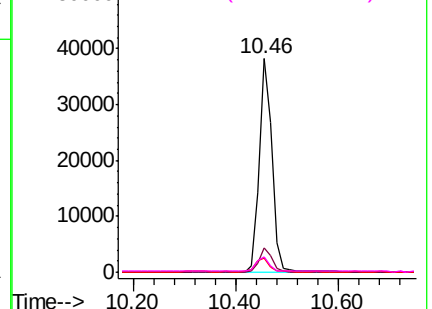
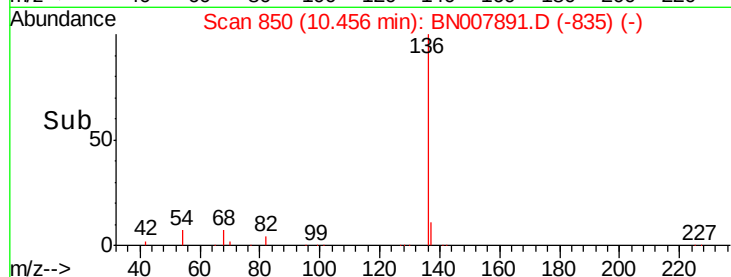


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.163 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

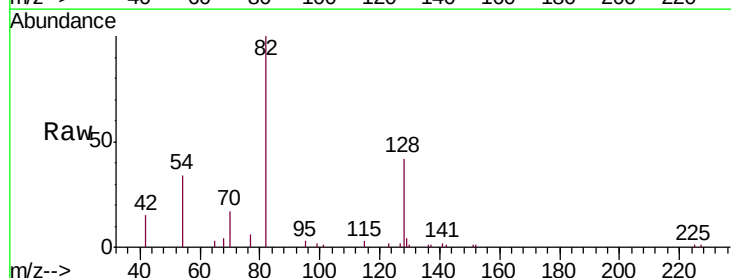
Tgt Ion: 82 Resp: 9463

Ion Ratio Lower Upper

82 100

128 41.5 24.5 36.7#

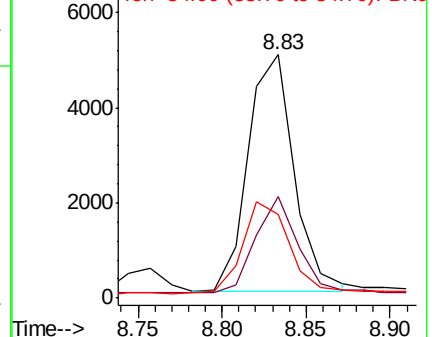
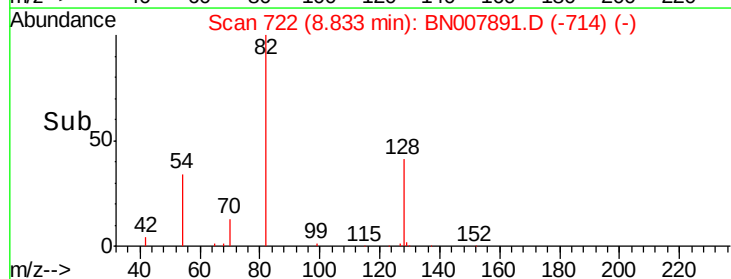
54 34.5 35.2 52.8#

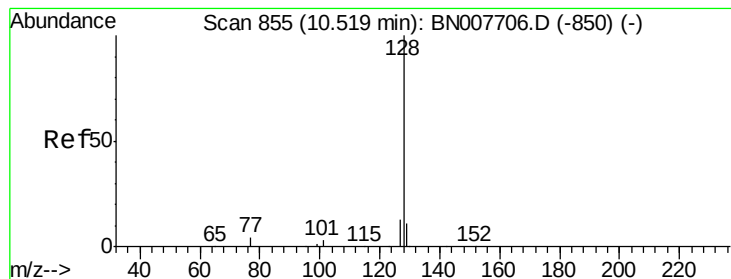


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.164 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

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ClientSampleId :

PB123468BS

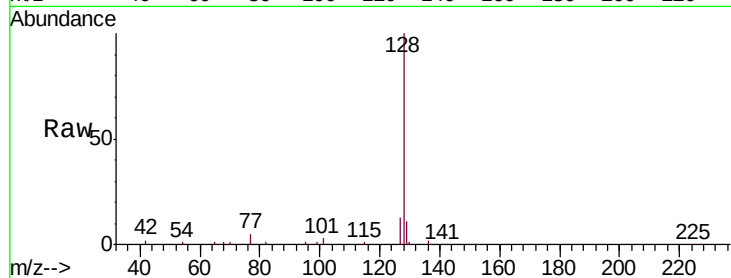
Tgt Ion:128 Resp: 30665

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

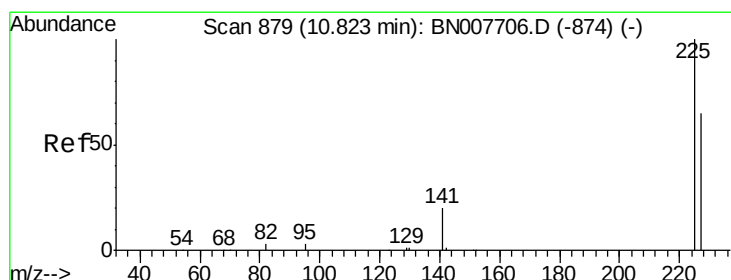
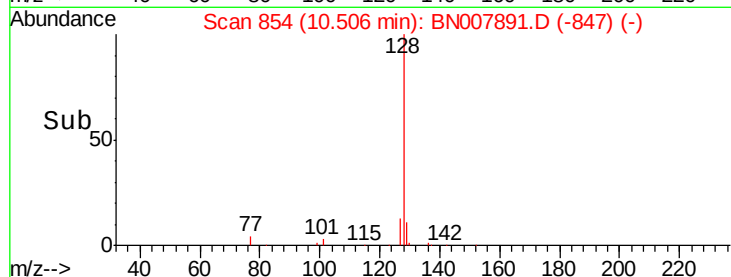
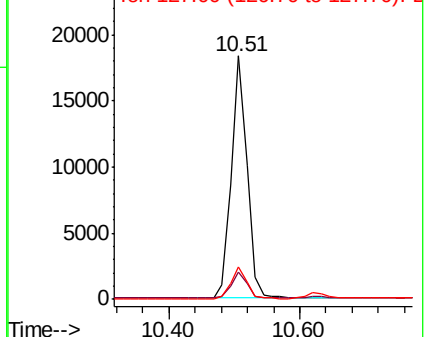
127 13.3 10.6 15.8



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: 0.144 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

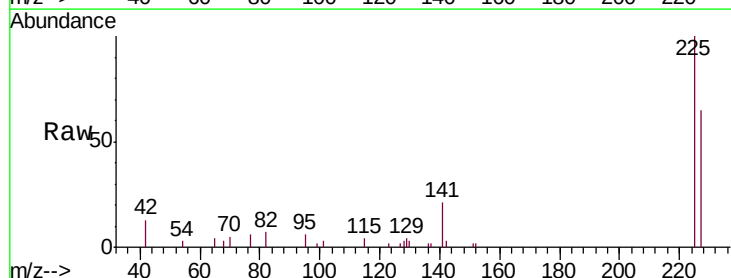
Tgt Ion:225 Resp: 5646

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

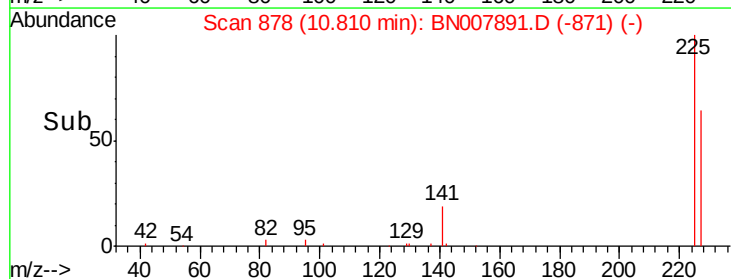
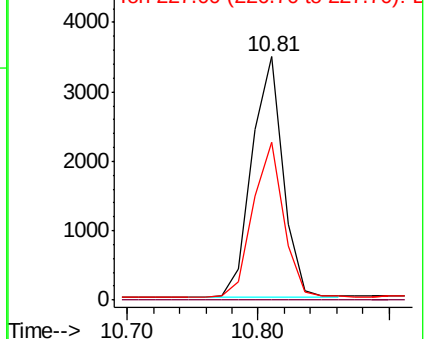
227 63.2 51.2 76.8

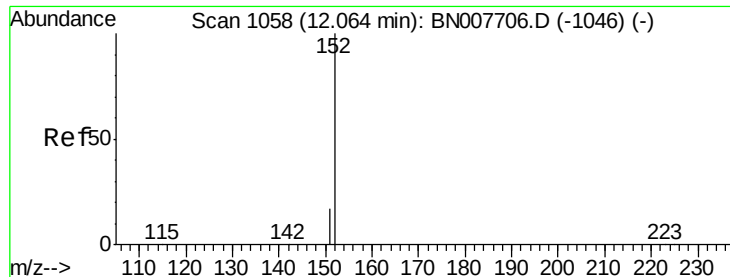


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

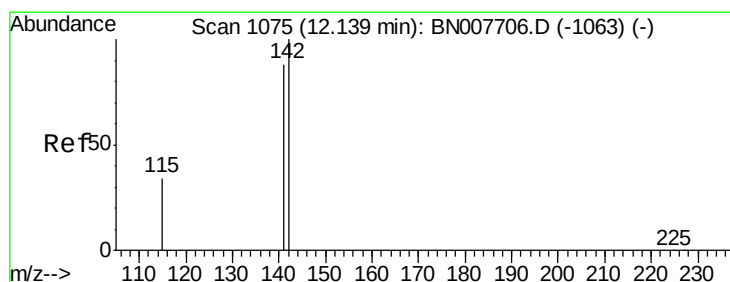
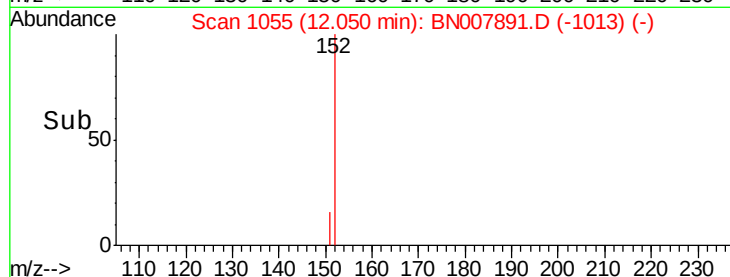
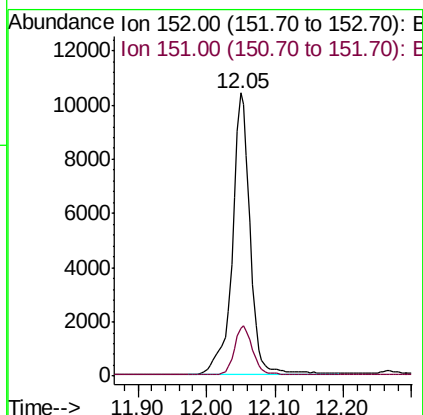
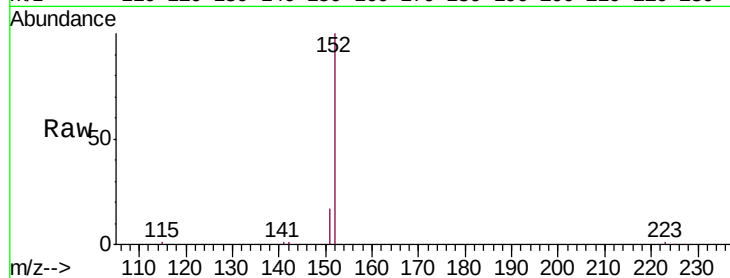




#11
 2-Methylnaphthalene-d10
 Concen: 0.168 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007891.D
 Acq: 30 Sep 2019 11:42

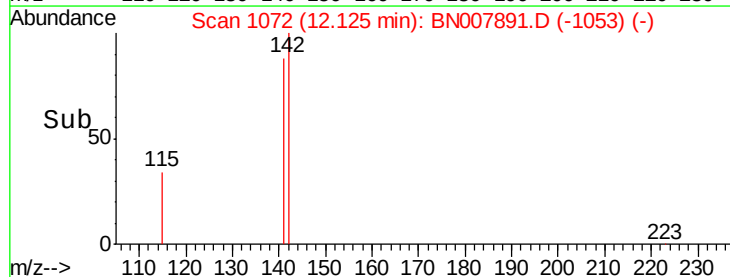
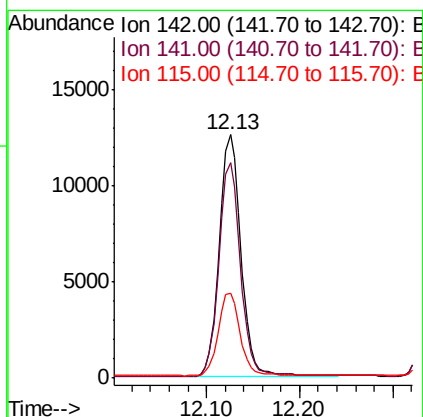
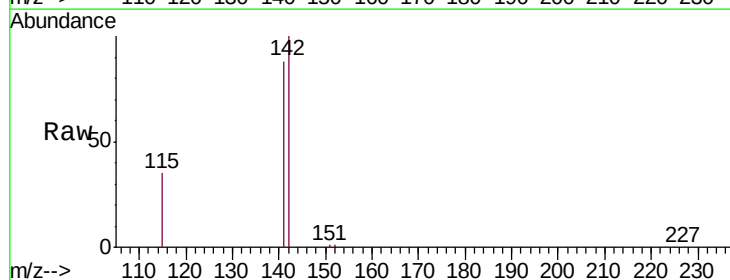
Instrument :
 BNA_N
 ClientSampleId :
 PB123468BS

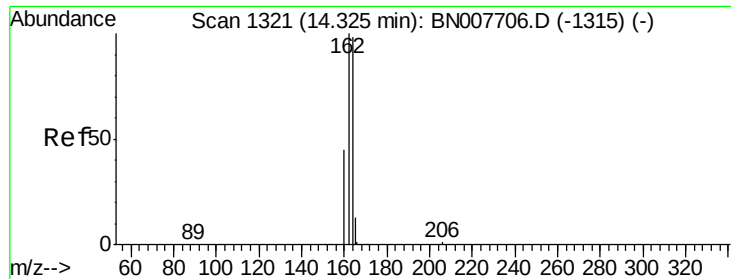
Tgt Ion:152 Resp: 18753
 Ion Ratio Lower Upper
 152 100
 151 17.4 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.162 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007891.D
 Acq: 30 Sep 2019 11:42

Tgt Ion:142 Resp: 20436
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.6 106.0
 115 35.0 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: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

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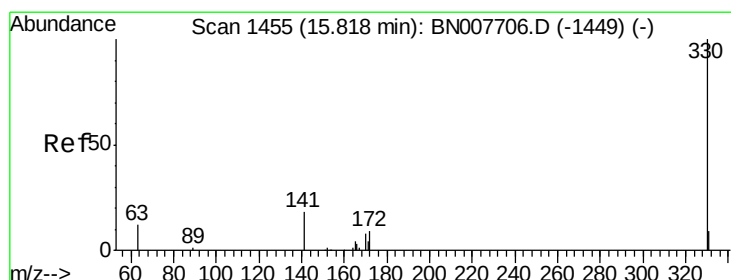
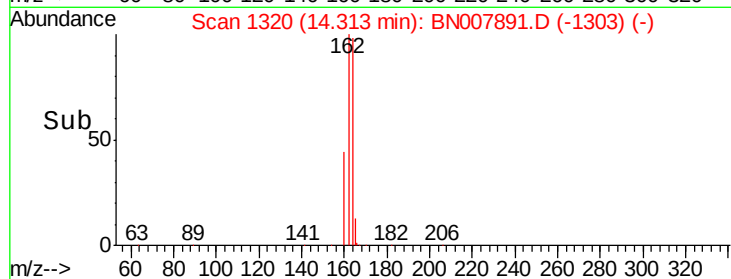
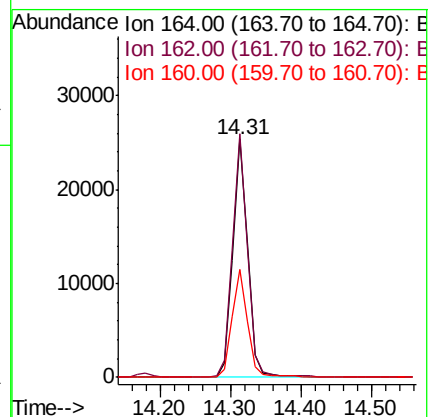
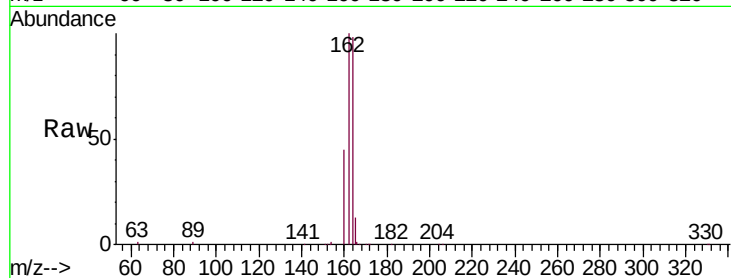
Tgt Ion:164 Resp: 38179

Ion Ratio Lower Upper

164 100

162 102.2 81.7 122.5

160 45.5 37.0 55.4



#14

2,4,6-Tribromophenol

Concen: 0.114 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

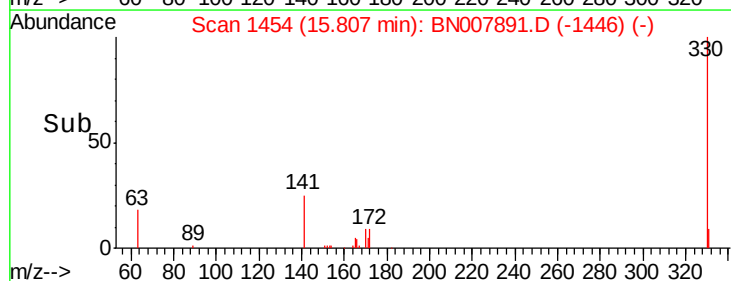
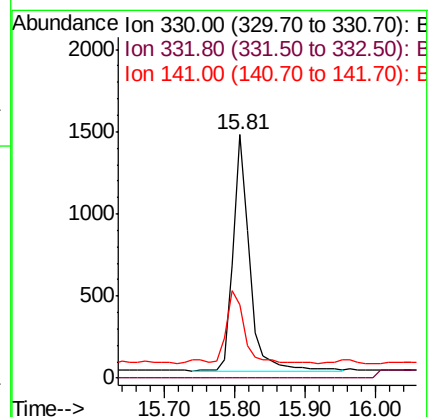
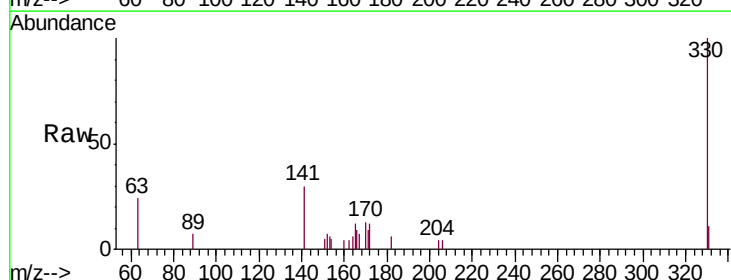
Tgt Ion:330 Resp: 2376

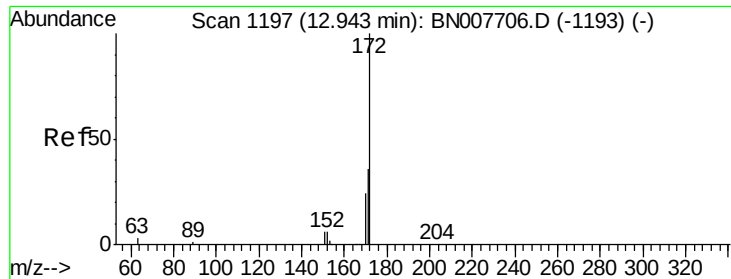
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 33.8 28.7 43.1

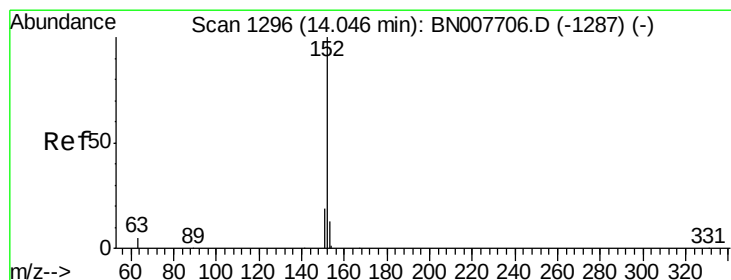
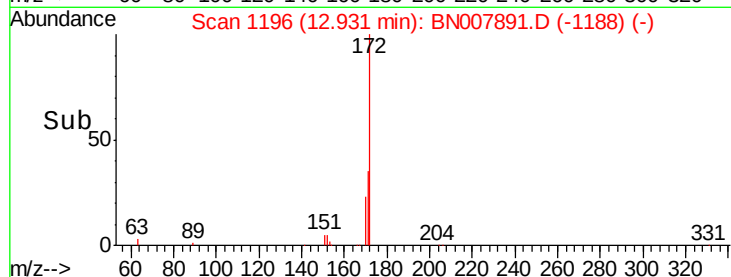
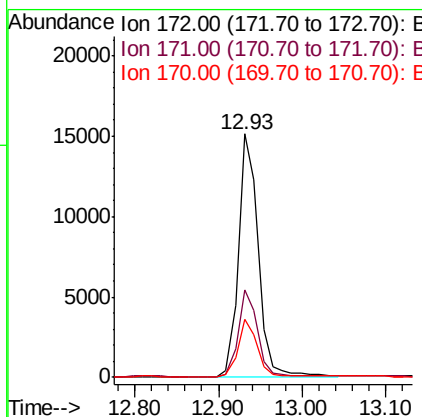
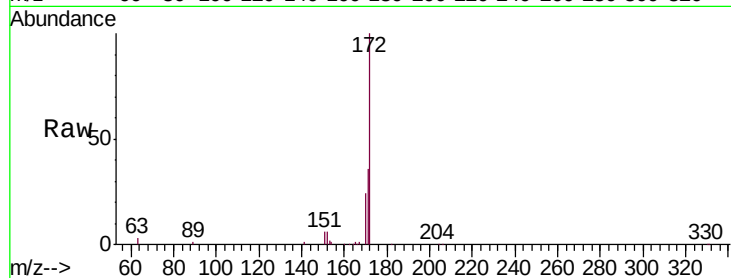




#15
2-Fluorobiphenyl
Concen: 0.157 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

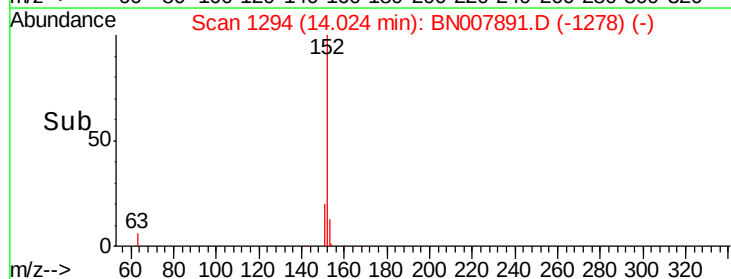
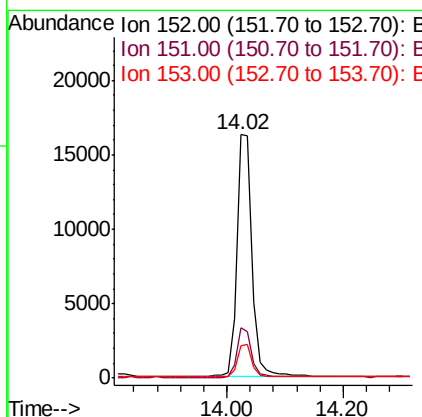
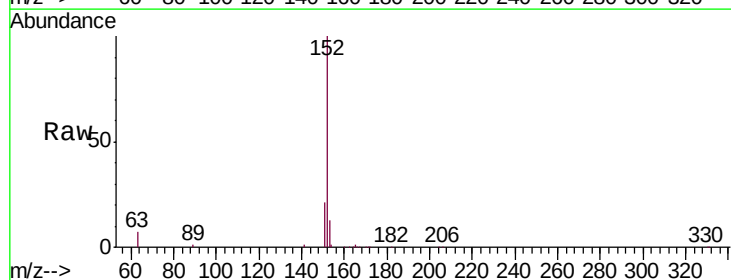
Instrument :
BNA_N
ClientSampleId :
PB123468BS

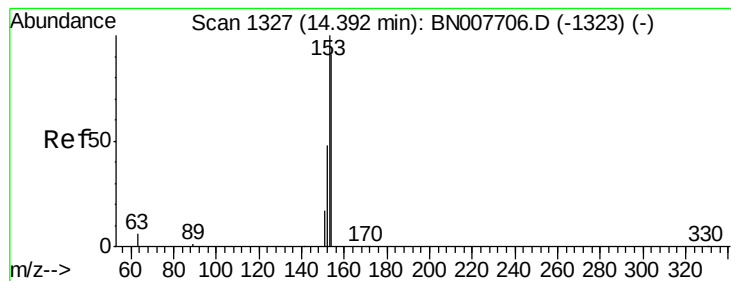
Tgt Ion:	172	Resp:	24695
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.6	19.5	29.3



#16
Acenaphthylene
Concen: 0.147 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:	152	Resp:	29713
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	12.9	10.4	15.6





#17

Acenaphthene

Concen: 0.144 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB123468BS

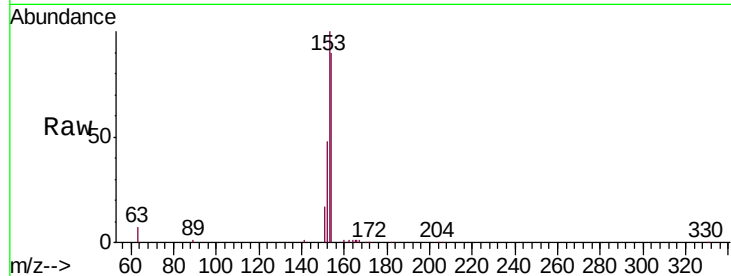
Tgt Ion:154 Resp: 18845

Ion Ratio Lower Upper

154 100

153 112.4 87.0 130.4

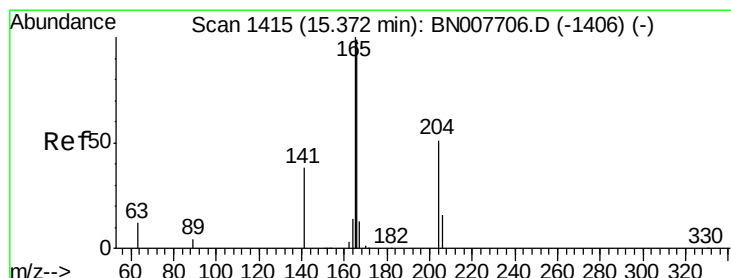
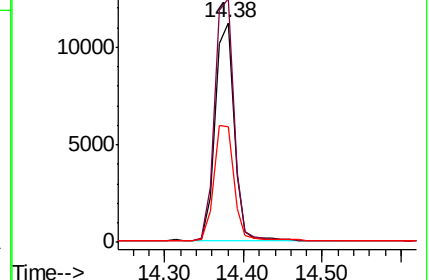
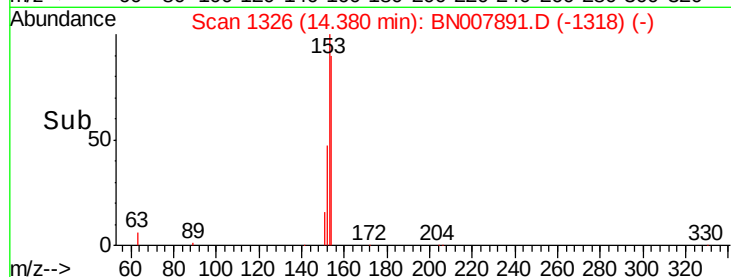
152 55.0 42.7 64.1



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: 0.140 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

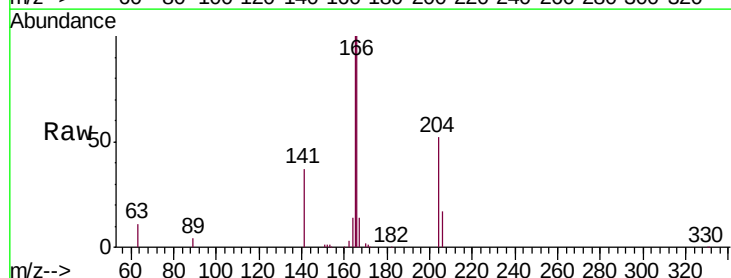
Tgt Ion:166 Resp: 23406

Ion Ratio Lower Upper

166 100

165 97.7 78.0 117.0

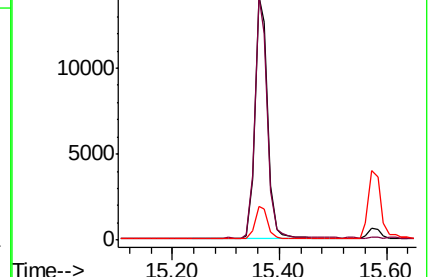
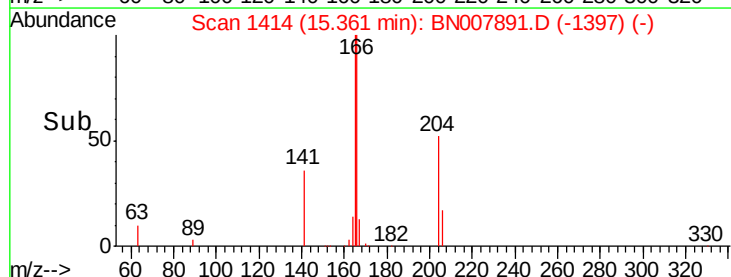
167 13.7 10.9 16.3

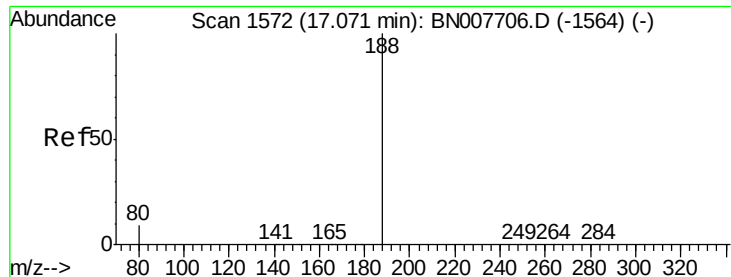


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB123468BS

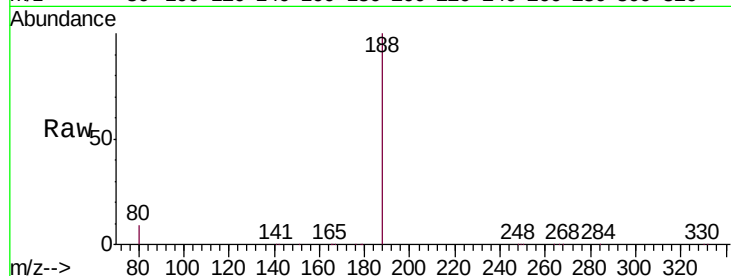
Tgt Ion:188 Resp: 73614

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

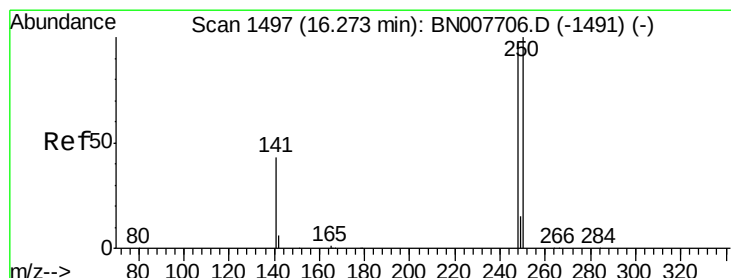
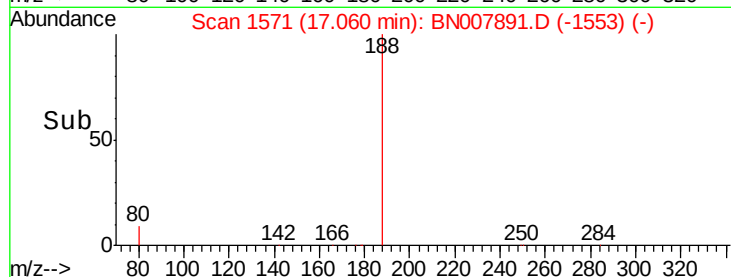
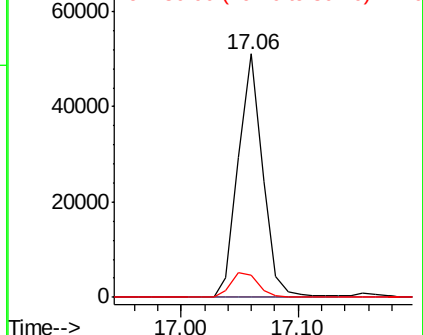
80 9.2 7.4 11.2



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



#20

4-Bromophenyl-phenylether

Concen: 0.176 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

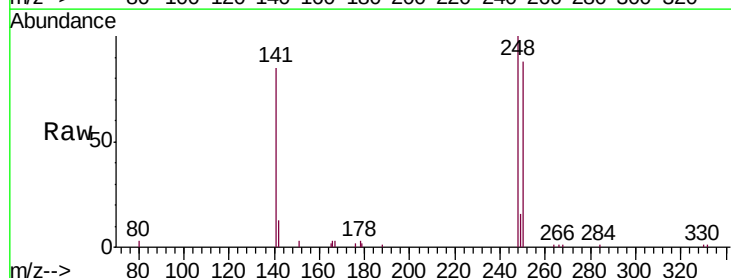
Tgt Ion:248 Resp: 7852

Ion Ratio Lower Upper

248 100

250 88.3 82.2 123.4

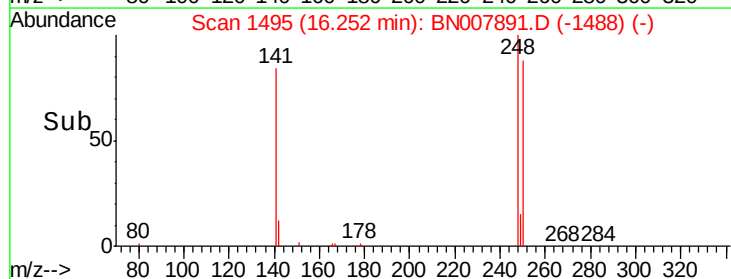
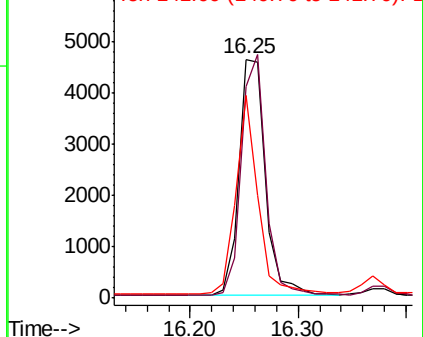
141 84.8 36.3 54.5#

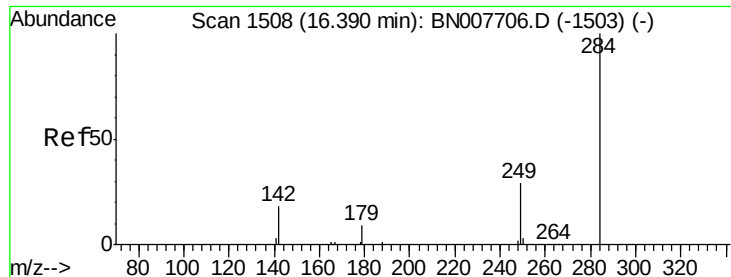


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.160 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB123468BS

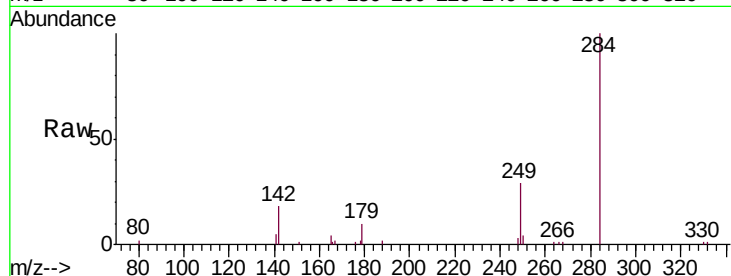
Tgt Ion:284 Resp: 7822

Ion Ratio Lower Upper

284 100

142 32.1 25.8 38.6

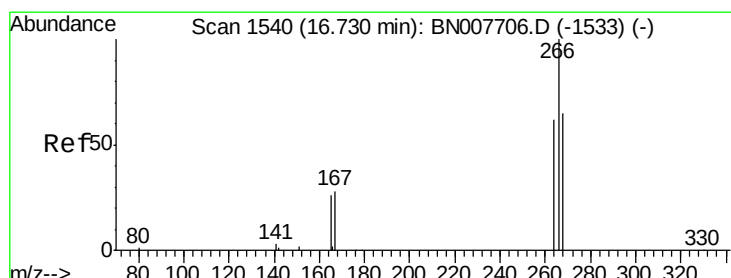
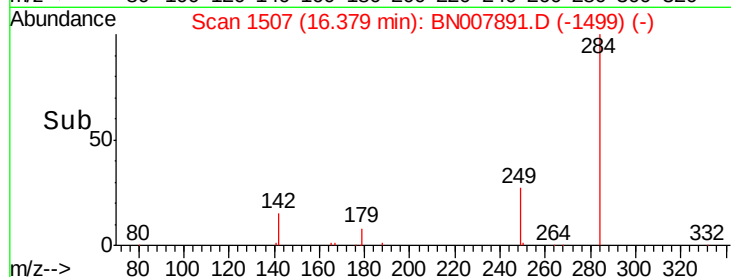
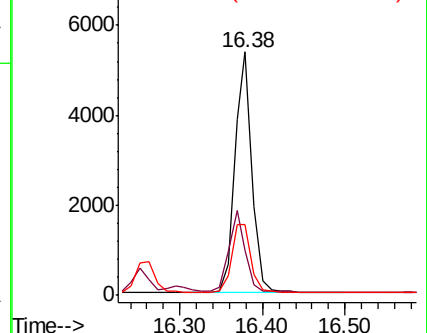
249 31.8 25.9 38.9



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: 0.179 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

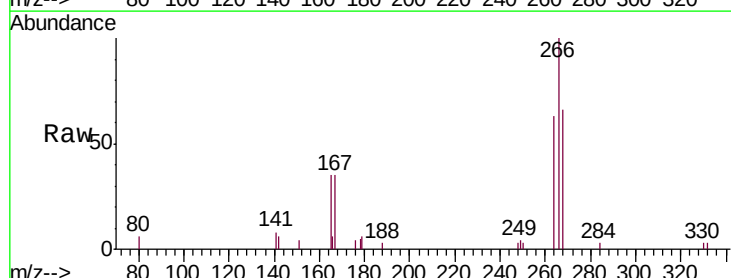
Tgt Ion:266 Resp: 3219

Ion Ratio Lower Upper

266 100

264 63.0 50.0 75.0

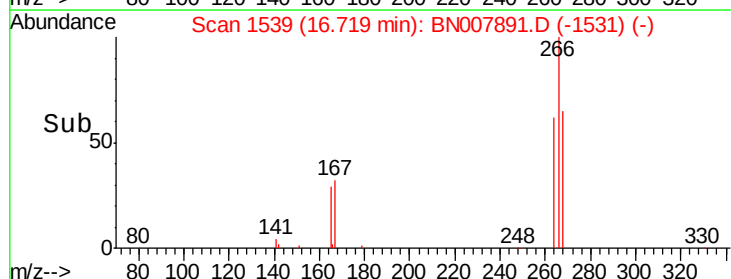
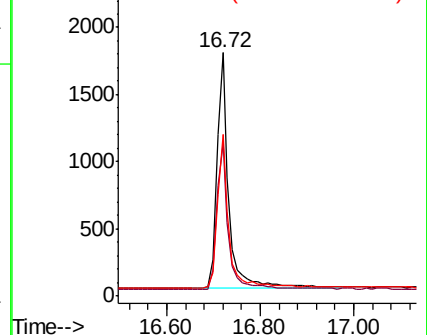
268 66.5 54.2 81.4

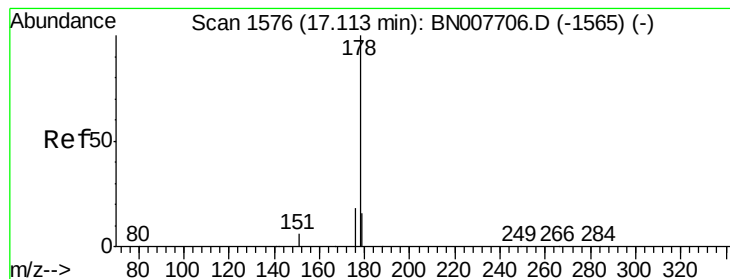


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.167 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB123468BS

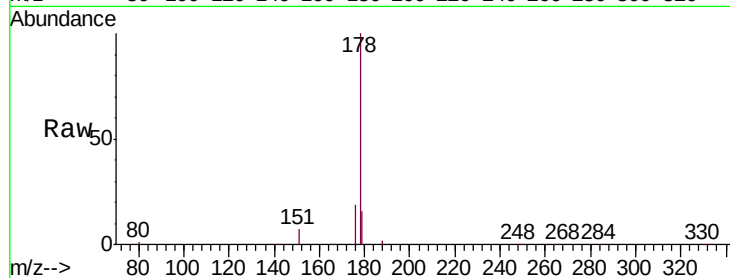
Tgt Ion:178 Resp: 38298

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

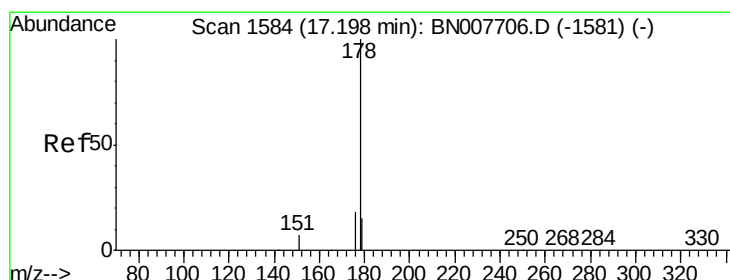
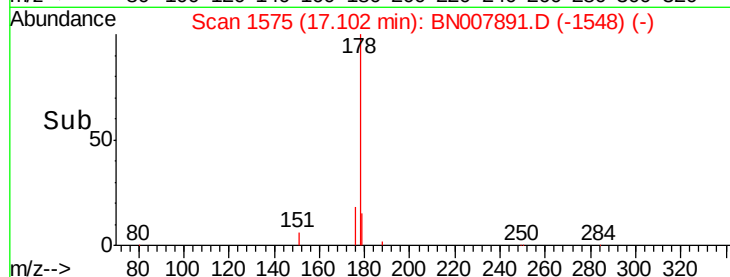
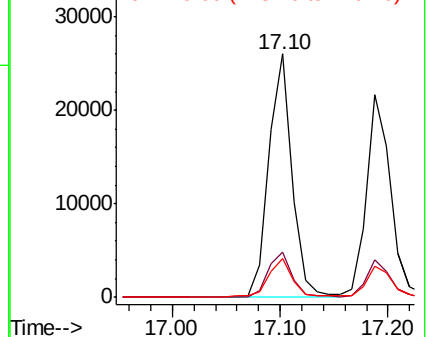
179 15.6 12.5 18.7



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: 0.160 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

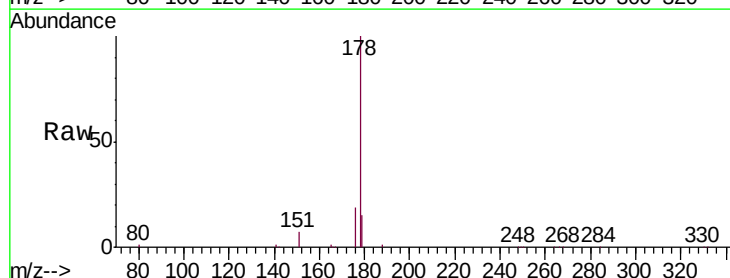
Tgt Ion:178 Resp: 33205

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

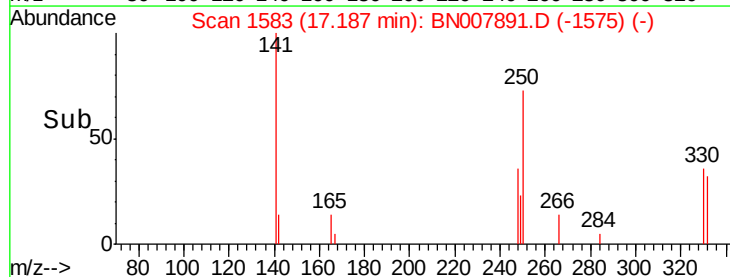
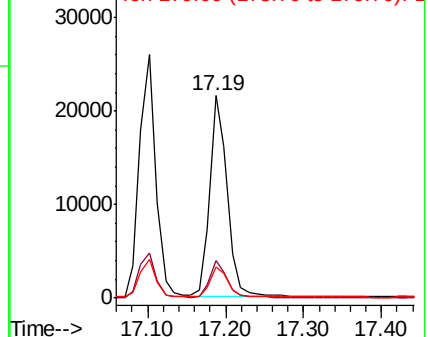
179 15.0 12.2 18.4

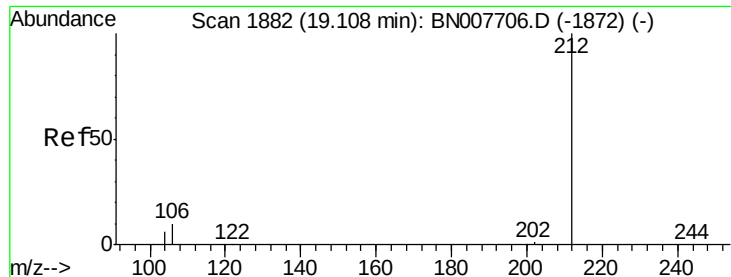


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.143 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB123468BS

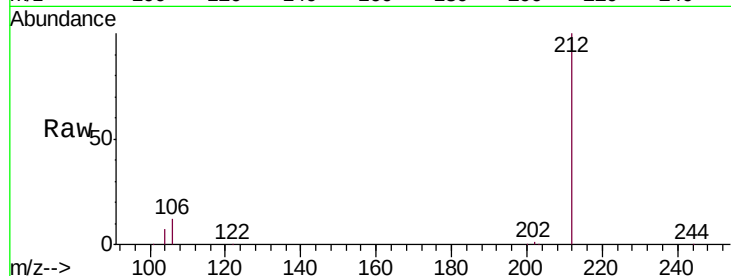
Tgt Ion:212 Resp: 35521

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

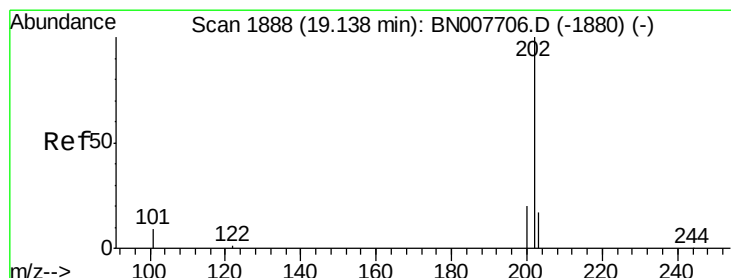
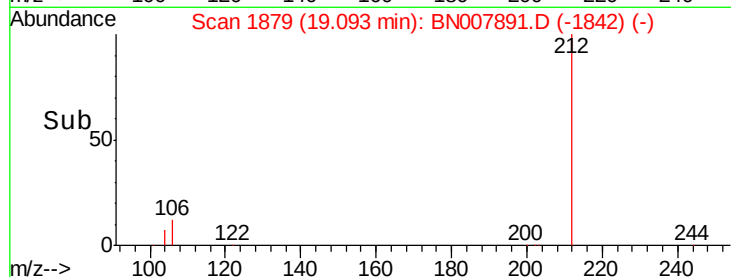
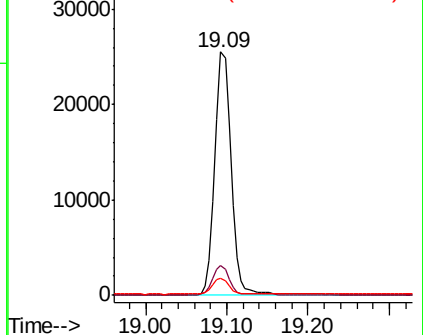
104 6.9 5.3 7.9



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: 0.139 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

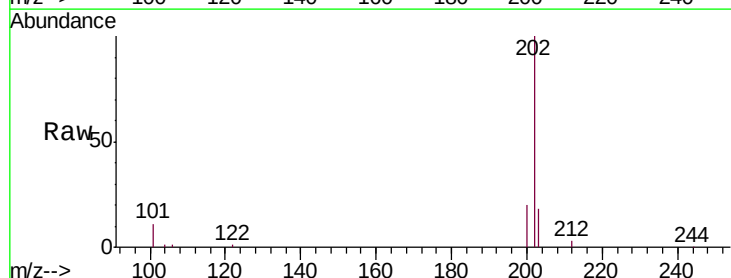
Tgt Ion:202 Resp: 39775

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

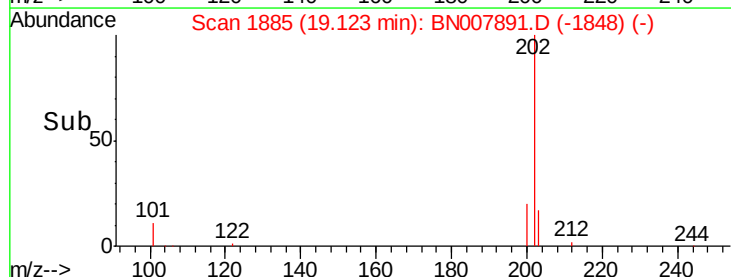
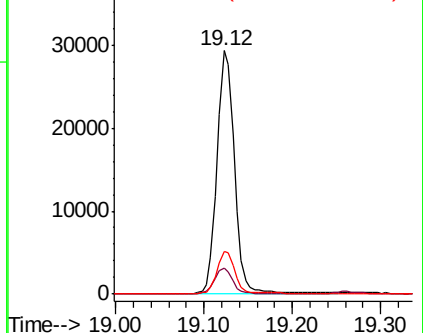
203 17.1 13.8 20.8

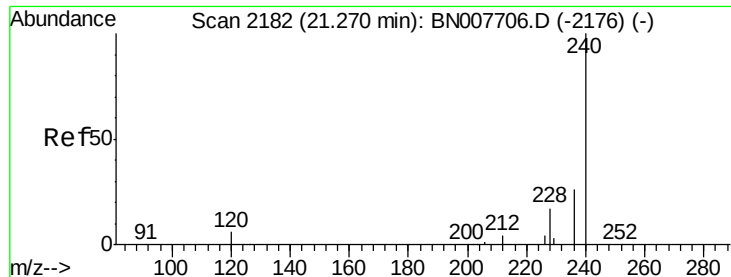


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

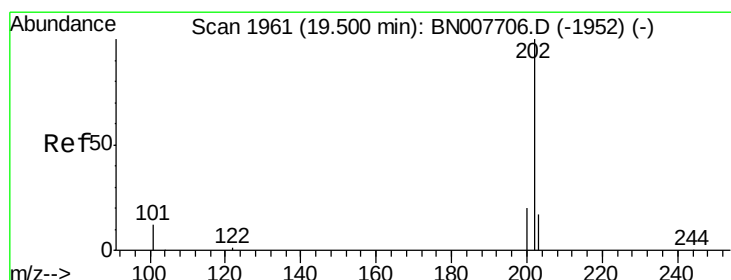
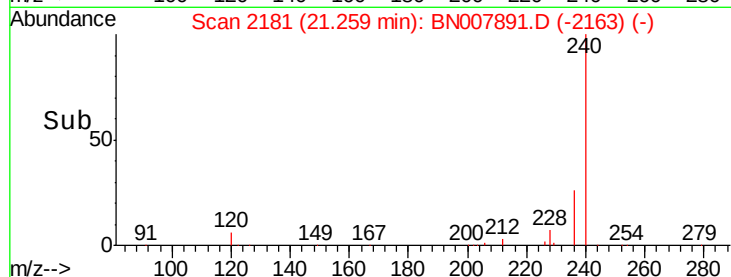
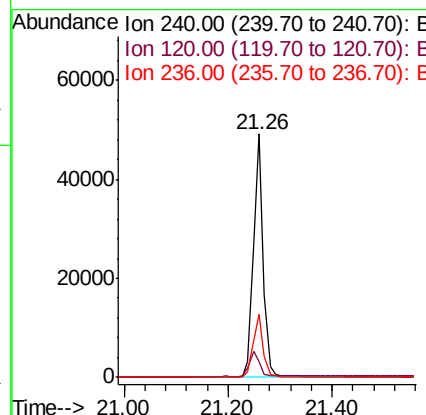
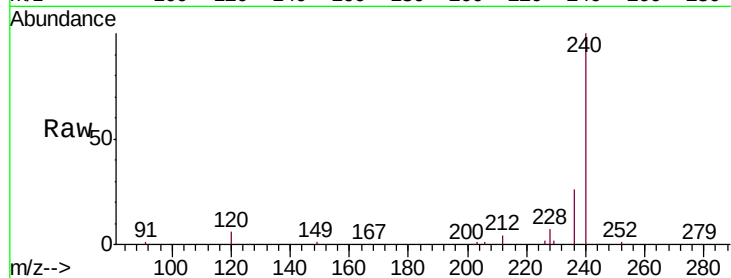




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

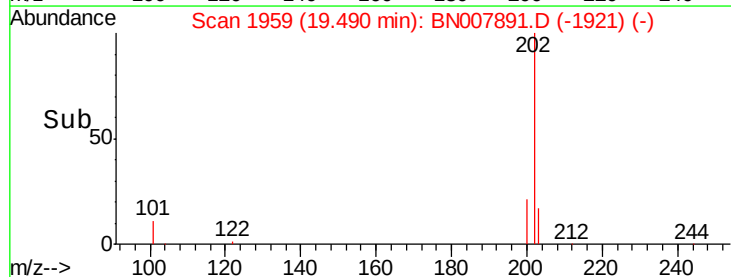
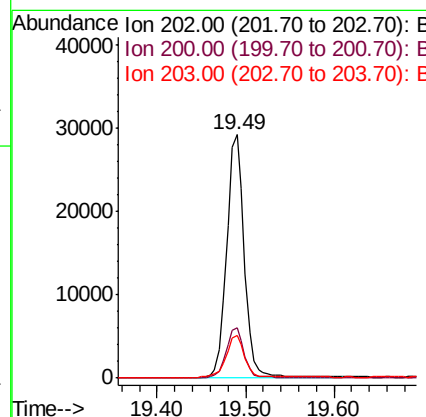
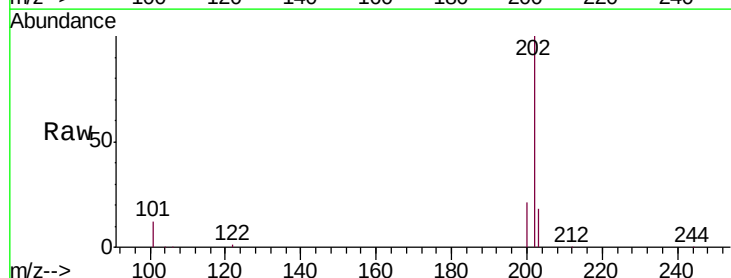
Instrument :
BNA_N
ClientSampleId :
PB123468BS

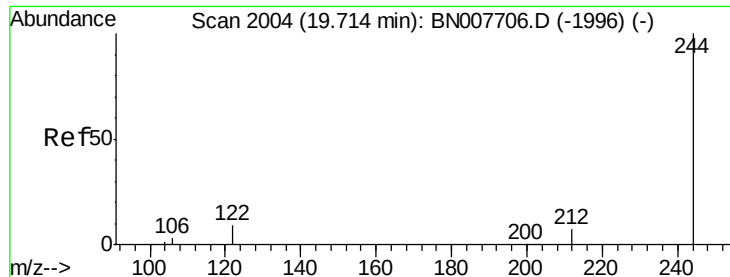
Tgt Ion:240 Resp: 64185
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.2
236 26.0 21.0 31.4



#28
Pyrene
Concen: 0.183 ng
RT: 19.49 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:202 Resp: 40033
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 18.0 14.1 21.1





#29

Terphenyl-d14

Concen: 0.196 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB123468BS

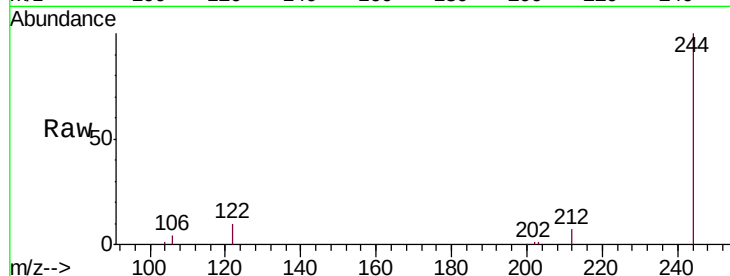
Tgt Ion:244 Resp: 30874

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

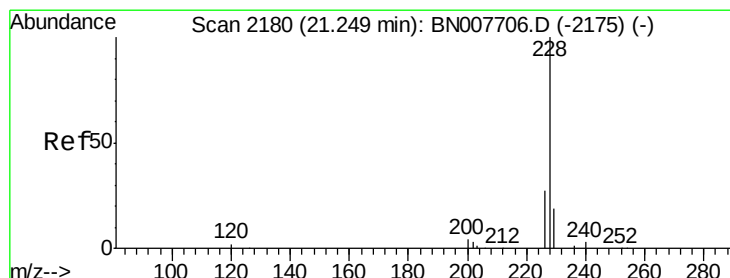
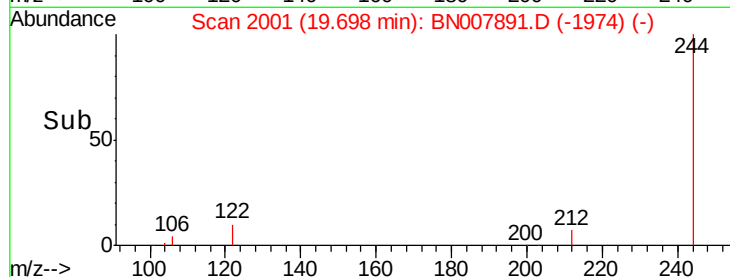
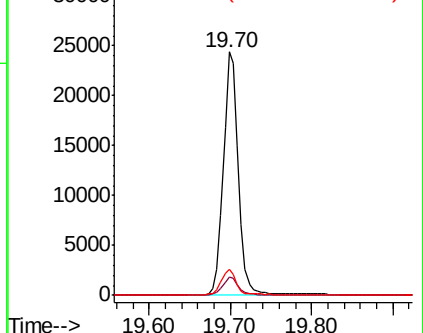
122 10.5 7.4 11.2



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: 0.156 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

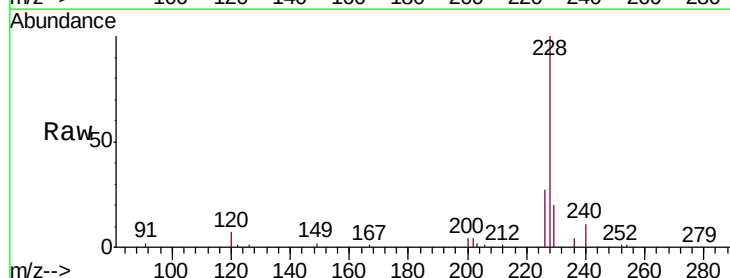
Tgt Ion:228 Resp: 36923

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

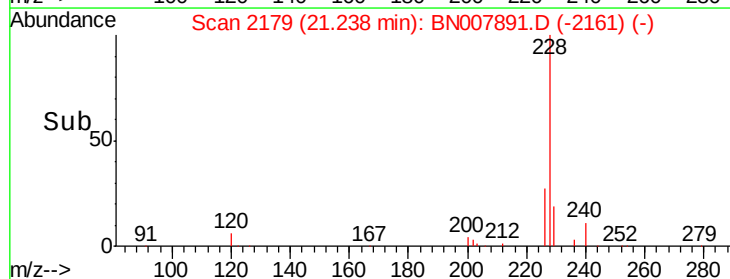
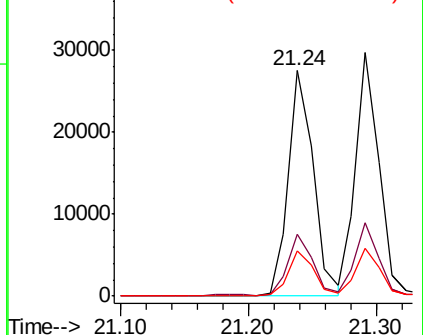
229 19.8 15.8 23.6

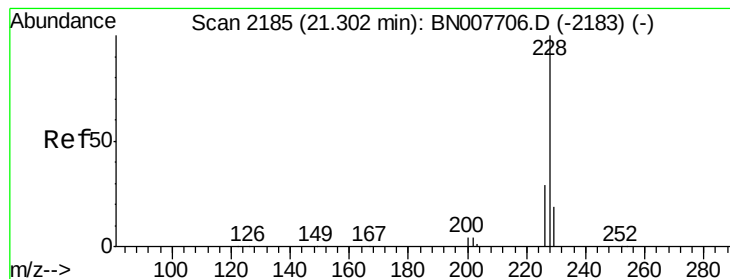


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.159 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB123468BS

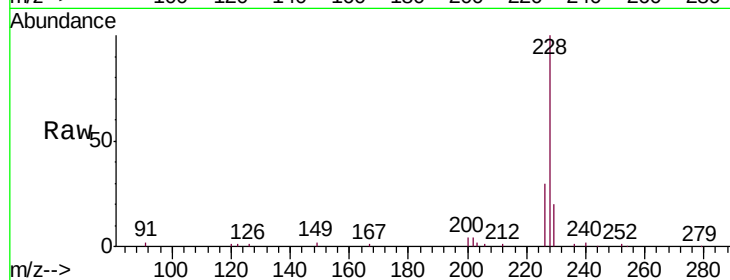
Tgt Ion:228 Resp: 36675

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

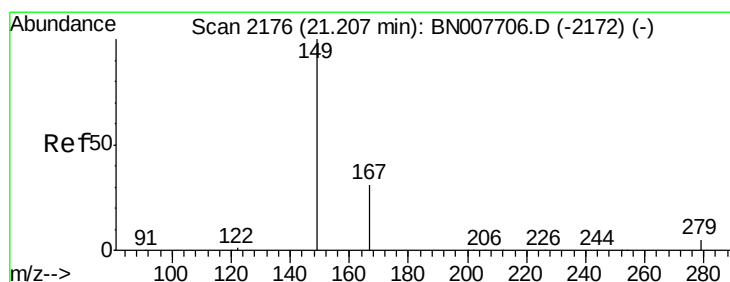
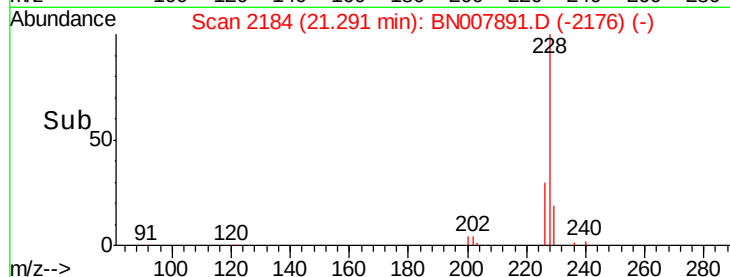
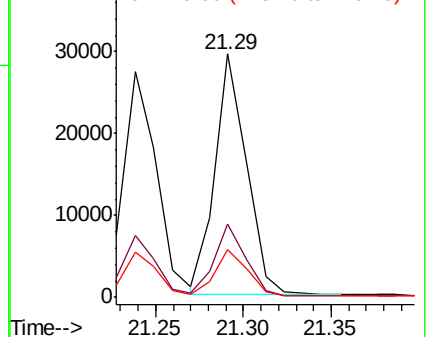
229 19.6 15.8 23.6



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: 0.154 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

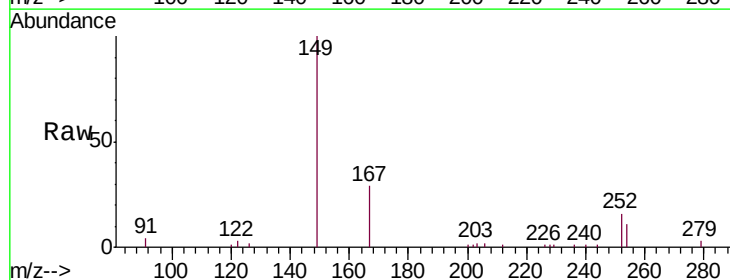
Tgt Ion:149 Resp: 18709

Ion Ratio Lower Upper

149 100

167 29.1 23.7 35.5

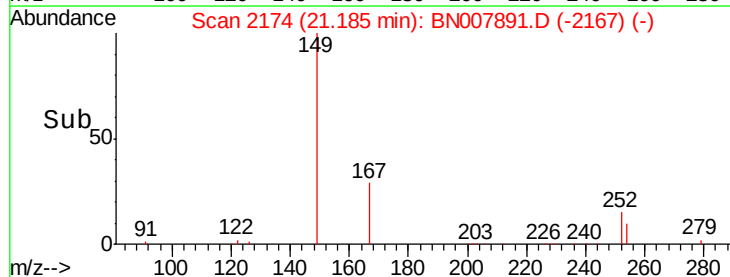
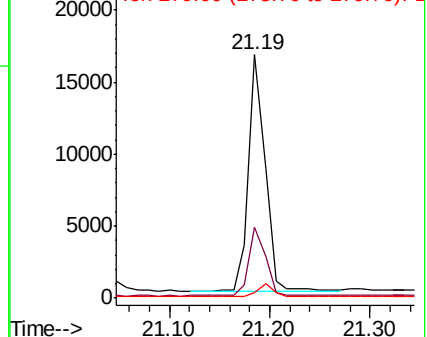
279 5.2 4.2 6.2

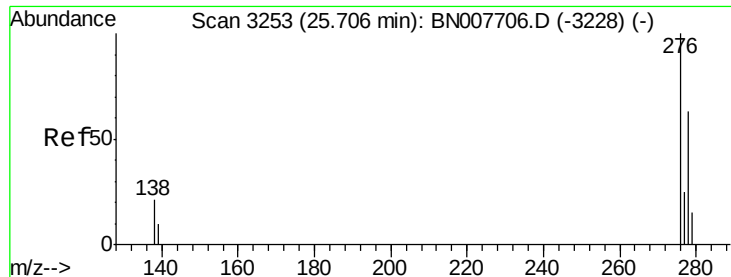


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.172 ng

RT: 25.68 min Scan# 3246

Delta R.T. -0.02 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB123468BS

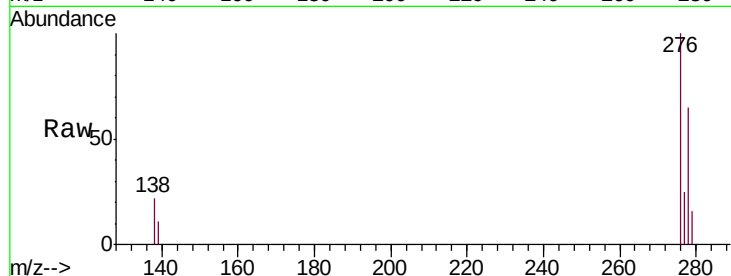
Tgt Ion:276 Resp: 49495

Ion Ratio Lower Upper

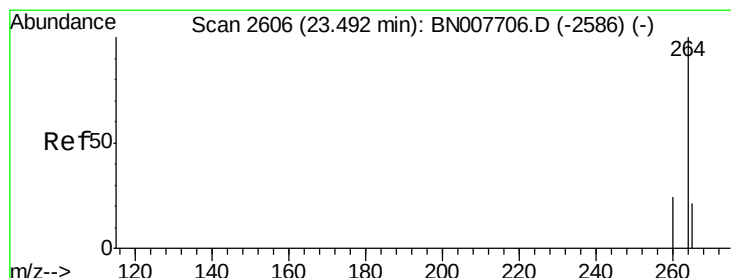
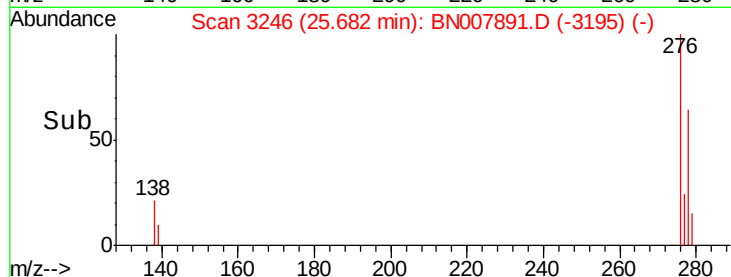
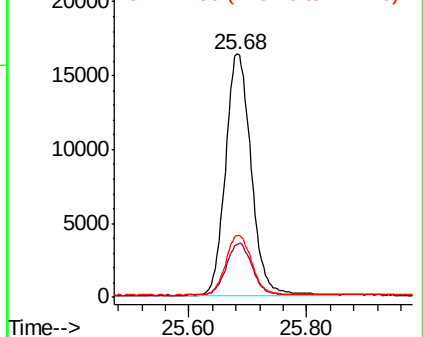
276 100

138 21.7 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: 23.47 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

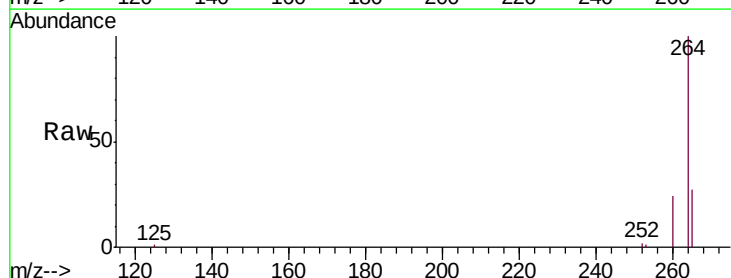
Tgt Ion:264 Resp: 75021

Ion Ratio Lower Upper

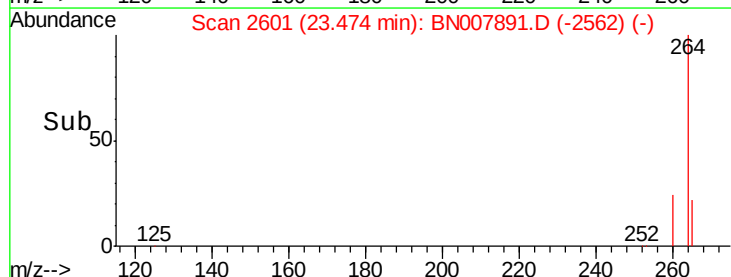
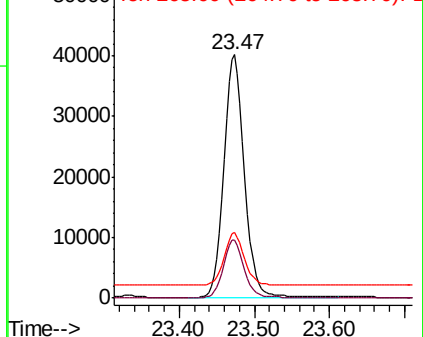
264 100

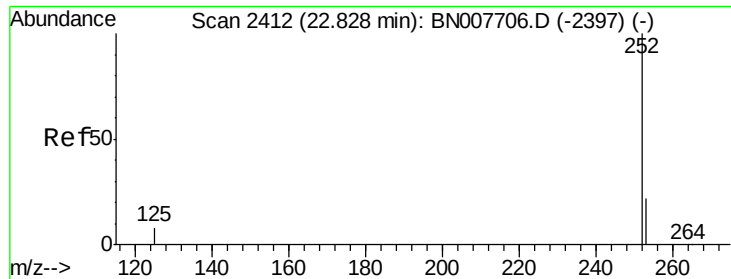
260 23.8 19.3 28.9

265 26.9 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

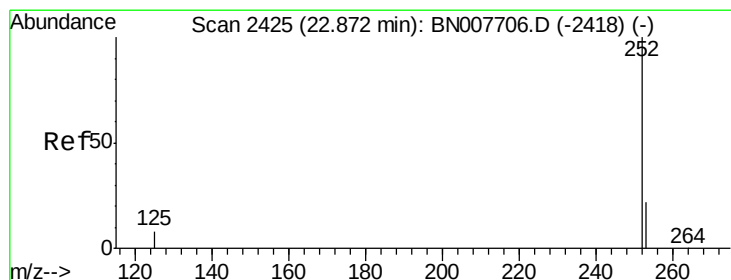
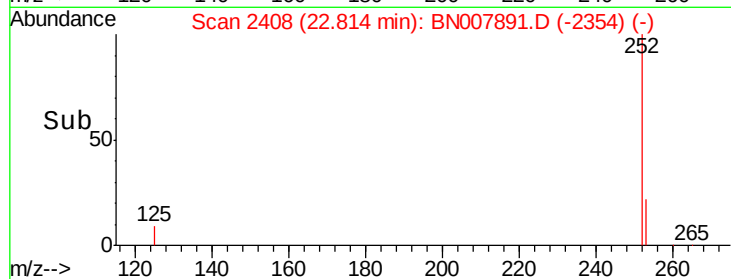
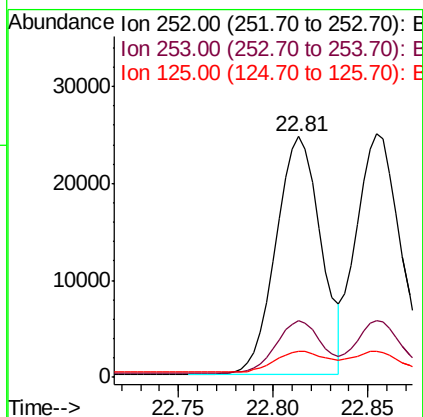
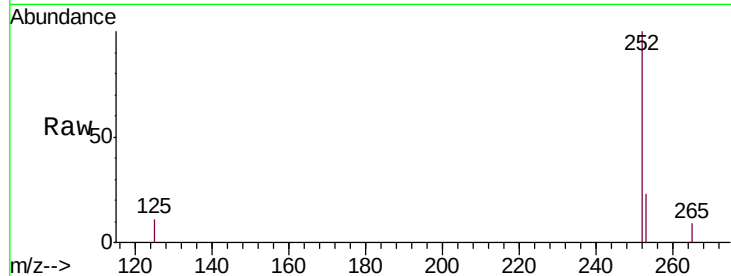




#35
Benzo(b)fluoranthene
Concen: 0.154 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

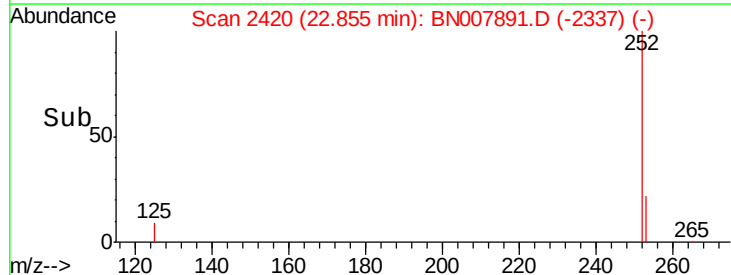
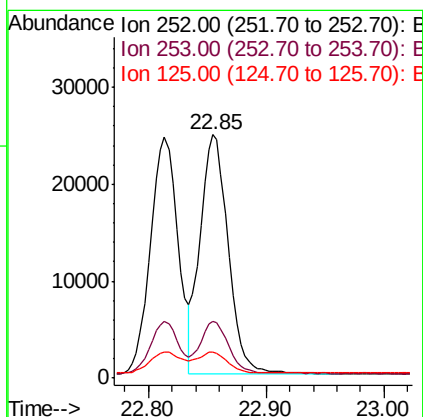
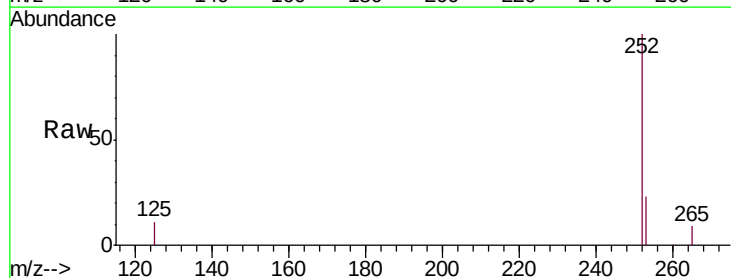
Instrument :
BNA_N
ClientSampleId :
PB123468BS

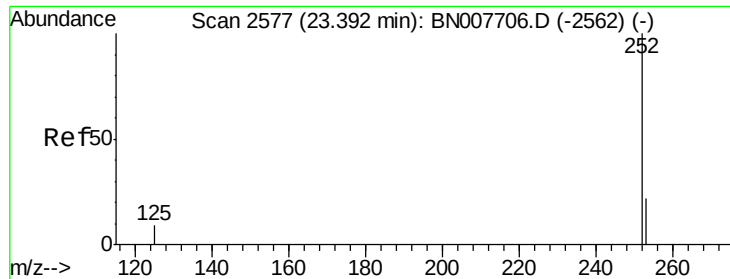
Tgt Ion:252 Resp: 40132
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 11.0 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.159 ng
RT: 22.85 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:252 Resp: 40997
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 10.9 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.161 ng

RT: 23.38 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB123468BS

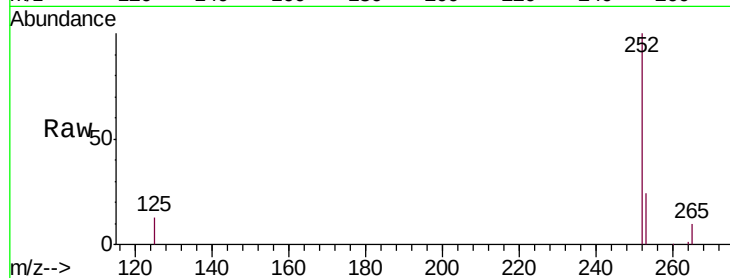
Tgt Ion:252 Resp: 39420

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

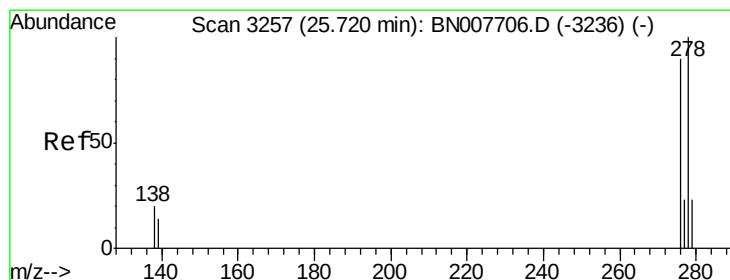
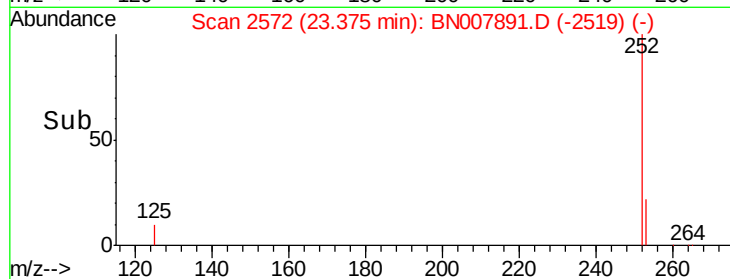
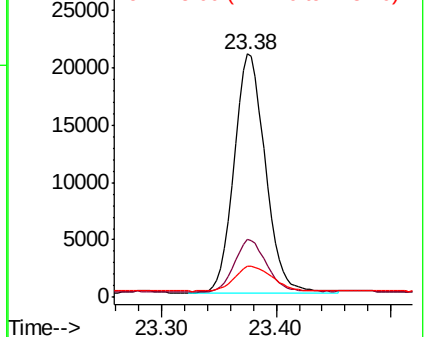
125 12.7 9.4 14.0



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: 0.162 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

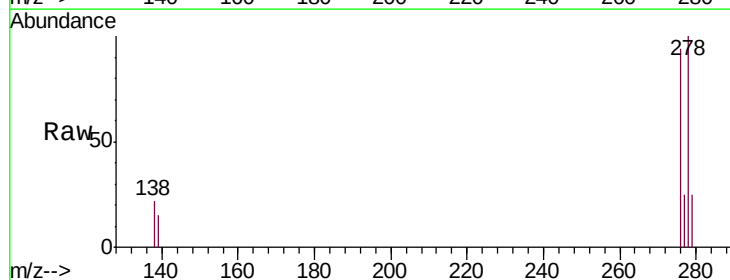
Tgt Ion:278 Resp: 40529

Ion Ratio Lower Upper

278 100

139 15.1 11.8 17.6

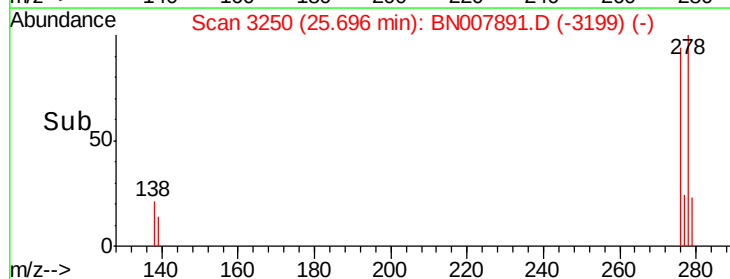
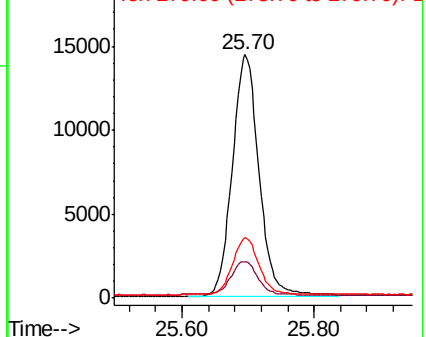
279 24.7 19.4 29.2

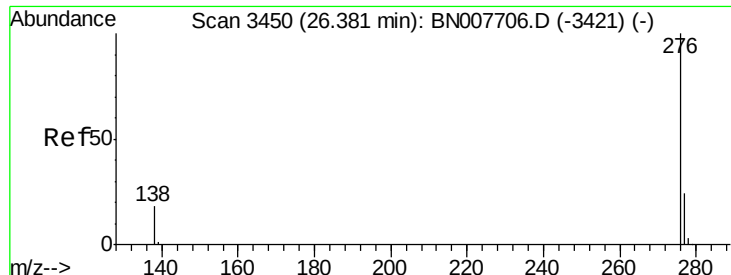


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.170 ng

RT: 26.35 min Scan# 3442

Delta R.T. -0.03 min

Lab File: BN007891.D

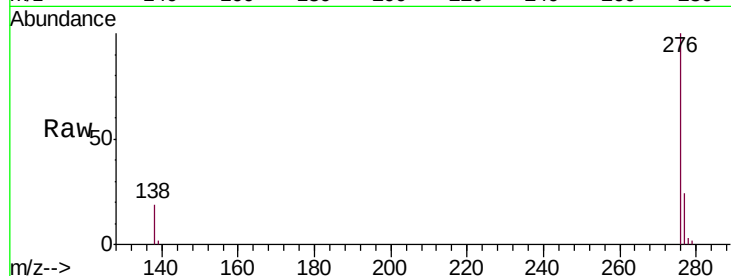
Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB123468BS



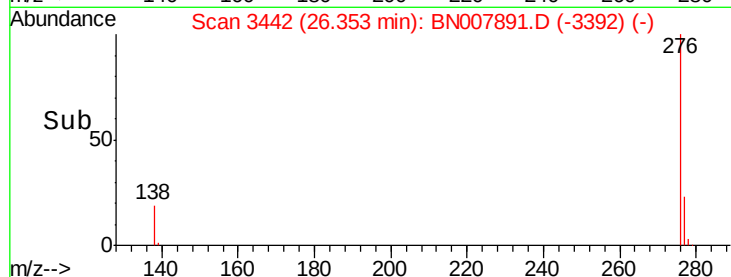
Tgt Ion: 276 Resp: 42243

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 19.5 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

