

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006732.D
 Acq On : 06 Jul 2019 01:13
 Operator : HP/JU
 Sample : PB120991BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB120991BS

Quant Time: Jul 06 03:20:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2692	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	10191	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	5907	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	13501	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	13179	0.40	ng	-0.03
34) Perylene-d12	23.46	264	17011	0.40	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	2271	0.31	ng	0.00
5) Phenol-d6	6.81	99	3129	0.34	ng	-0.02
8) Nitrobenzene-d5	8.78	82	2409	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7920	0.52	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	760	0.26	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	7804	0.34	ng	-0.02
25) Fluoranthene-d10	19.06	212	14235	0.37	ng	-0.02
29) Terphenyl-d14	19.66	244	10263	0.34	ng	-0.02

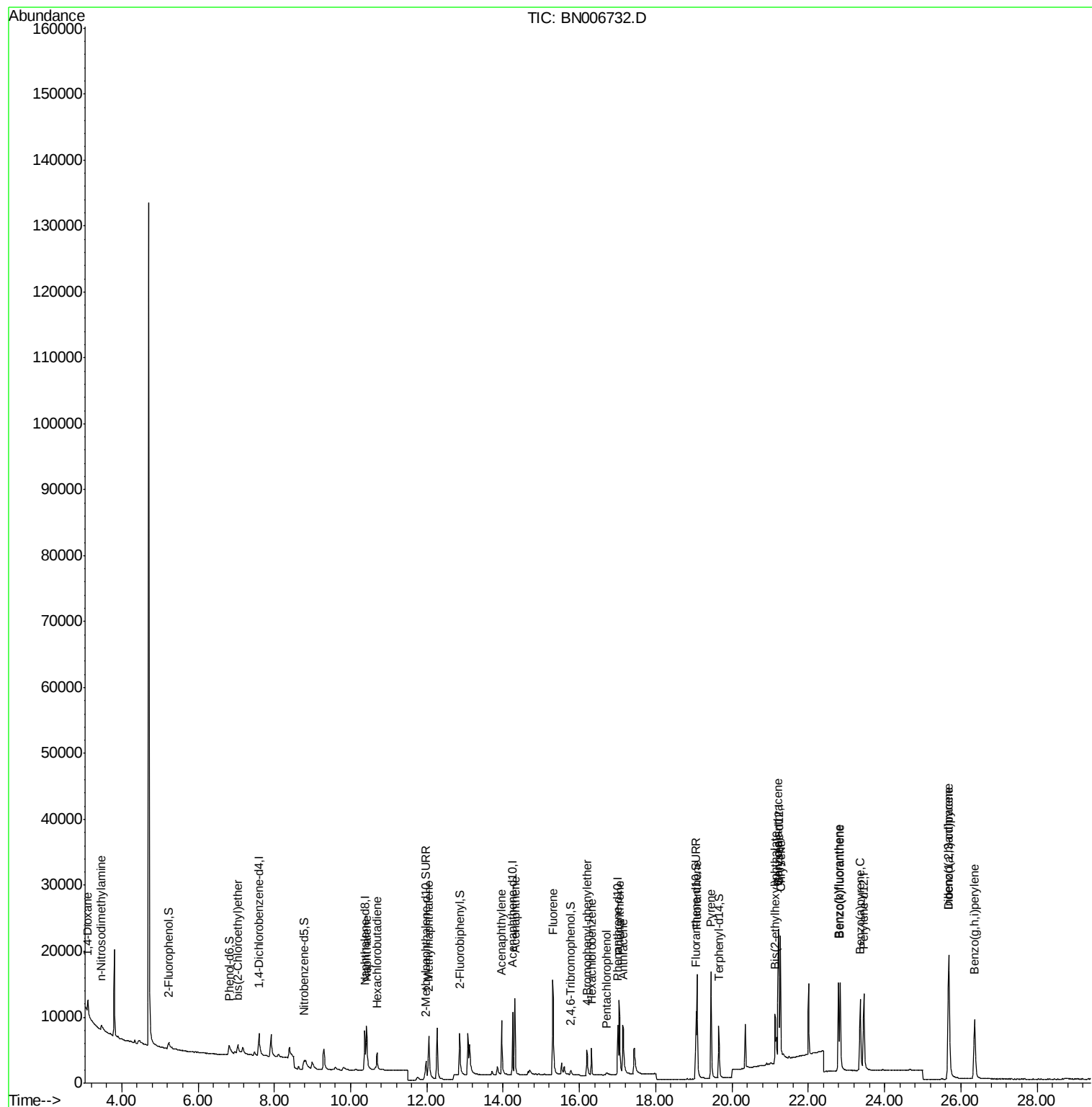
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	1226	0.291	ng	# 4
3) n-Nitrosodimethylamine	3.47	42	1096	0.345	ng	# 92
6) bis(2-Chloroethyl)ether	7.04	93	2588	0.331	ng	98
9) Naphthalene	10.42	128	11226	0.403	ng	99
10) Hexachlorobutadiene	10.69	225	2050	0.363	ng	# 100
12) 2-Methylnaphthalene	12.05	142	7269	0.367	ng	98
16) Acenaphthylene	13.96	152	10779	0.366	ng	99
17) Acenaphthene	14.31	154	6917	0.368	ng	97
18) Fluorene	15.30	166	8620	0.370	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	2645	0.332	ng	91
21) Hexachlorobenzene	16.31	284	3449	0.364	ng	100
22) Pentachlorophenol	16.72	266	609	0.572	ng	92
23) Phenanthrene	17.05	178	13705	0.352	ng	100
24) Anthracene	17.14	178	11936	0.339	ng	100
26) Fluoranthene	19.09	202	16963	0.371	ng	100
28) Pyrene	19.45	202	17634	0.334	ng	99
30) Benzo(a)anthracene	21.22	228	16486	0.363	ng	99
31) Chrysene	21.27	228	16874	0.360	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	7423	0.055	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	23198	0.414	ng	98
35) Benzo(b)fluoranthene	22.79	252	17860	0.327	ng	97
36) Benzo(k)fluoranthene	22.84	252	20029	0.338	ng	97
37) Benzo(a)pyrene	23.36	252	18722	0.354	ng	# 95
38) Dibenzo(a,h)anthracene	25.68	278	18728	0.356	ng	96
39) Benzo(g,h,i)perylene	26.36	276	20230	0.374	ng	95

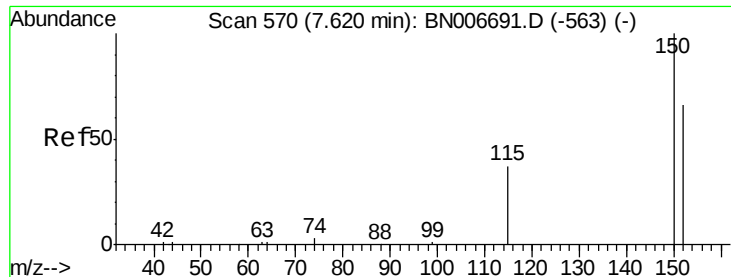
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.60 min Scan# 567

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

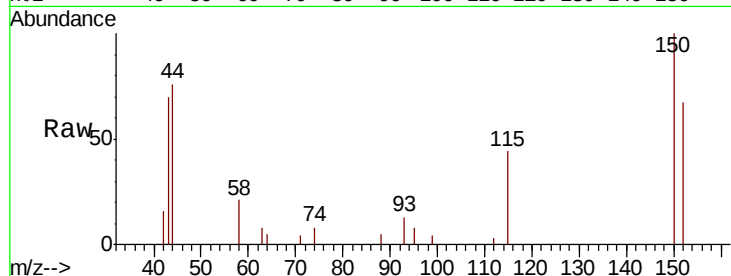
Tot Ion:152 Resp: 2692

Ion Ratio Lower Upper

152 100

150 149.5 120.6 181.0

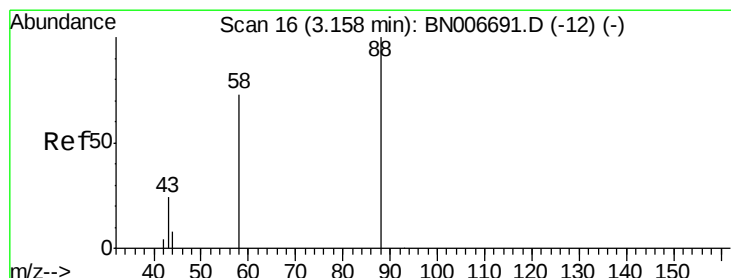
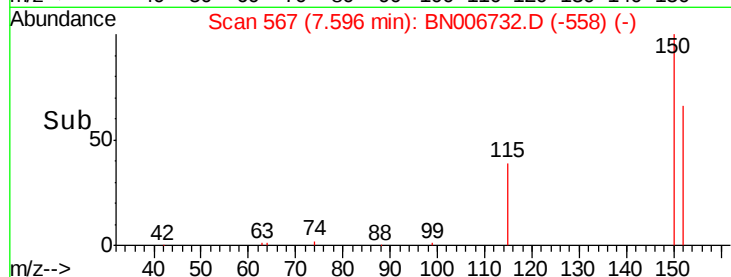
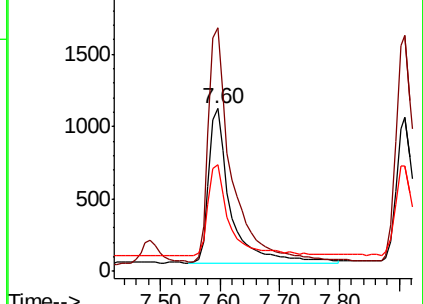
115 65.3 51.0 76.6



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: 0.291 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

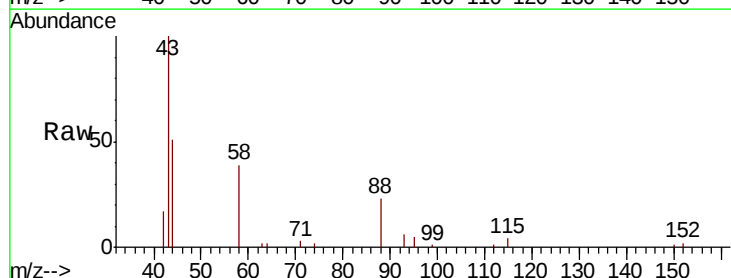
Tgt Ion: 88 Resp: 1226

Ion Ratio Lower Upper

88 100

58 106.6 61.1 91.7#

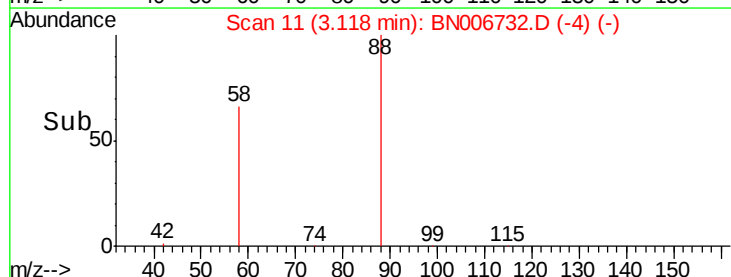
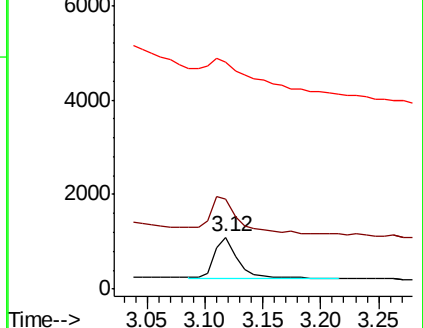
43 171.9 32.4 48.6#



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: 0.345 ng

RT: 3.47 min Scan# 55

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

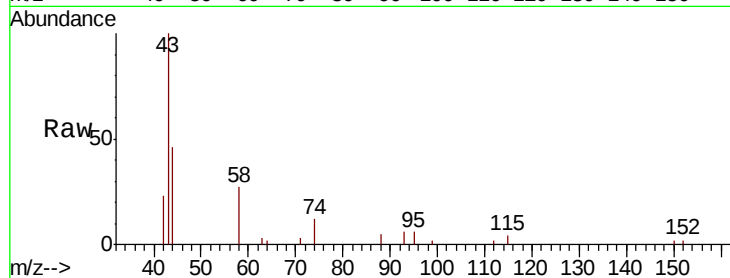
Tot Ion: 42 Resp: 1096

Ion Ratio Lower Upper

42 100

74 125.0 106.6 160.0

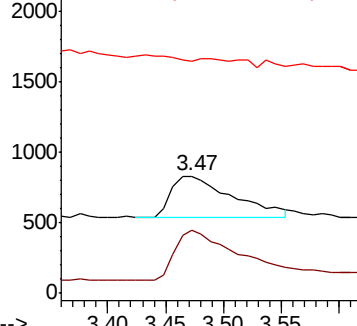
44 0.0 8.0 12.0#



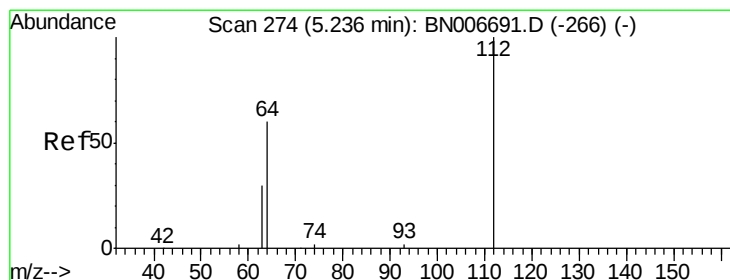
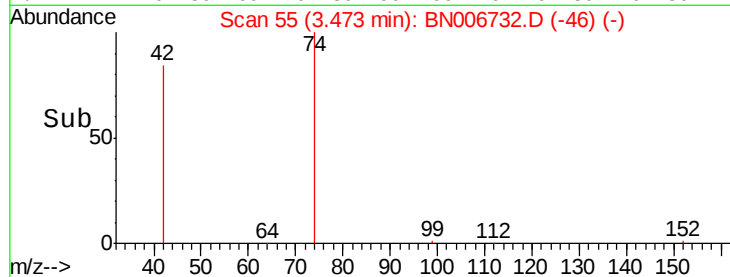
Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



Time-->



#4

2-Fluorophenol

Concen: 0.311 ng

RT: 5.23 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

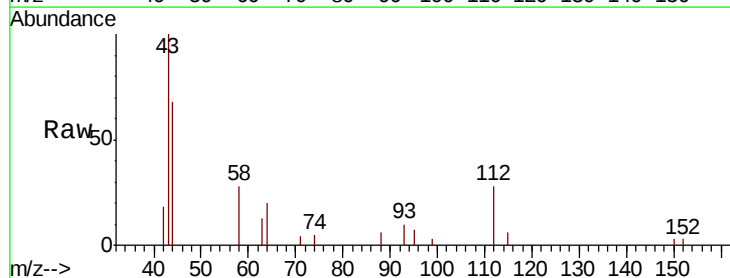
Tgt Ion: 112 Resp: 2271

Ion Ratio Lower Upper

112 100

64 66.7 49.8 74.6

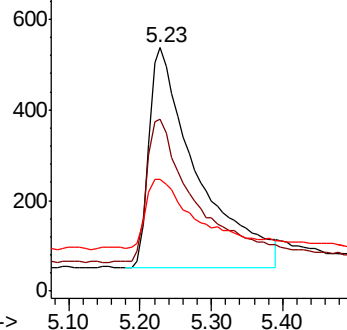
63 33.0 25.8 38.6



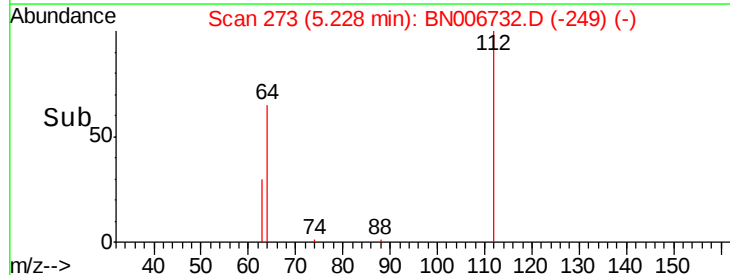
Abundance Ion 112.00 (111.70 to 112.70): BNC

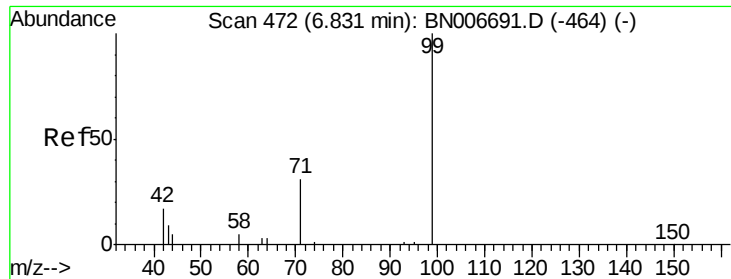
Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



Time-->





#5

Phenol-d6

Concen: 0.338 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

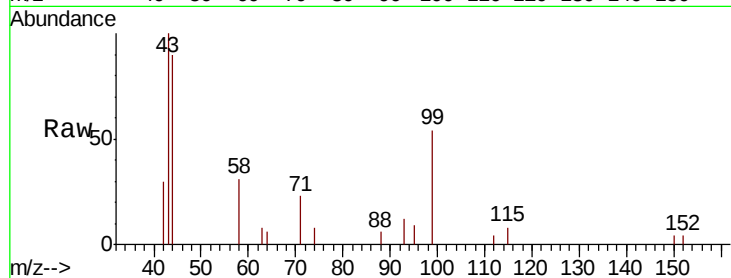
Tot Ion: 99 Resp: 3129

Ion Ratio Lower Upper

99 100

42 21.9 16.6 25.0

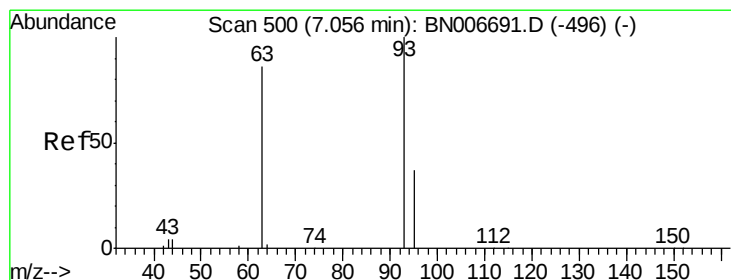
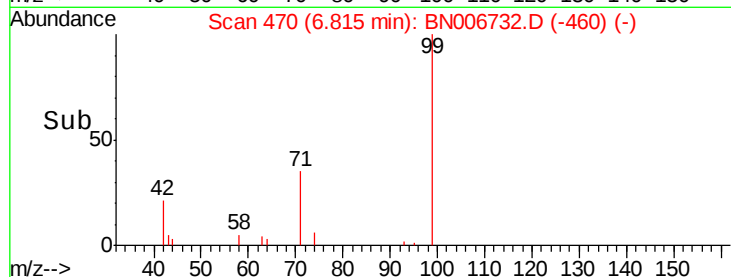
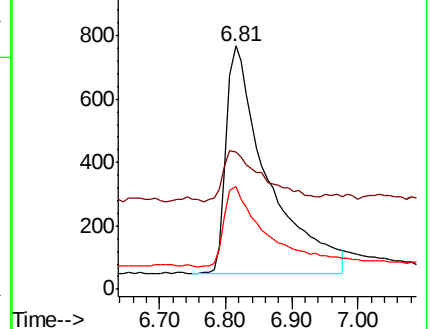
71 36.0 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.331 ng

RT: 7.04 min Scan# 498

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

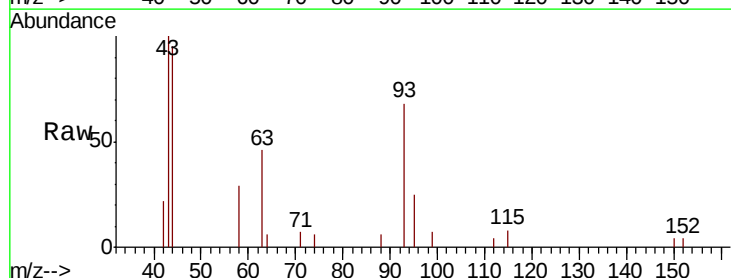
Tgt Ion: 93 Resp: 2588

Ion Ratio Lower Upper

93 100

63 71.9 58.6 87.8

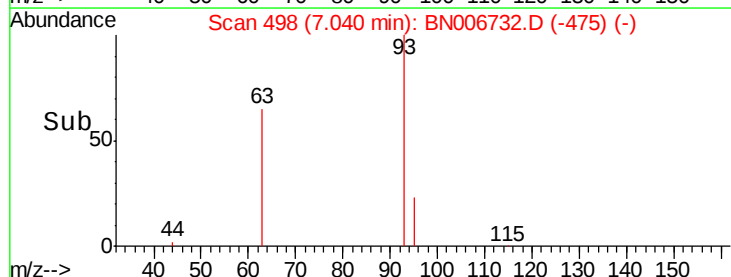
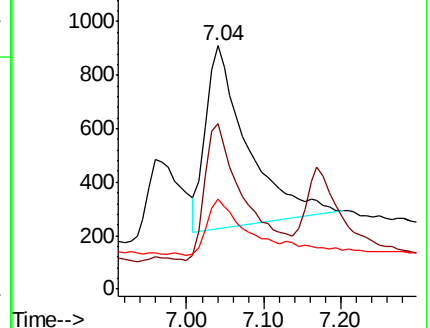
95 33.0 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN006691.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006691.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006691.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

Tot Ion:136 Resp: 10191

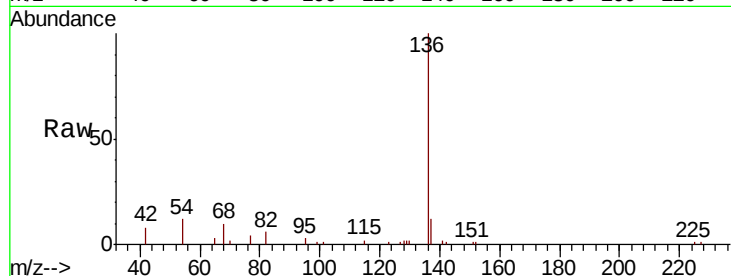
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 12.3 8.4 12.6

68 9.8 6.8 10.2

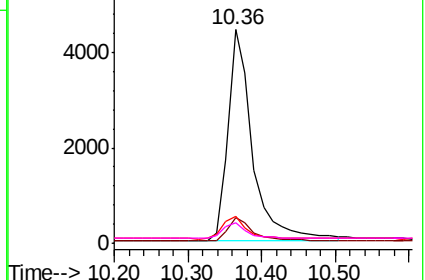
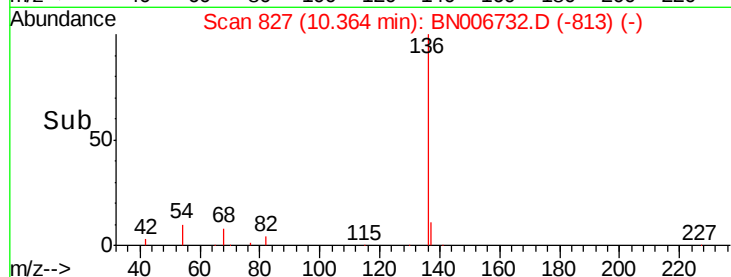


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.308 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

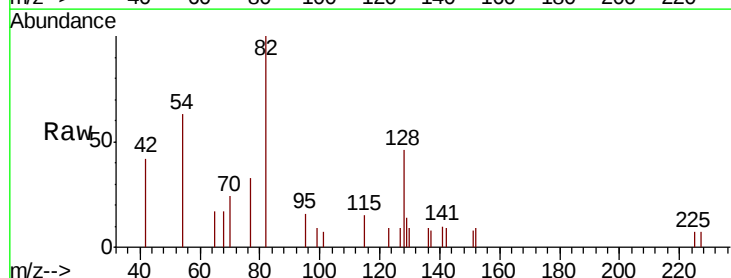
Tgt Ion: 82 Resp: 2409

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

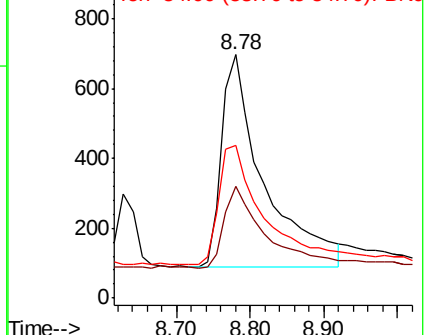
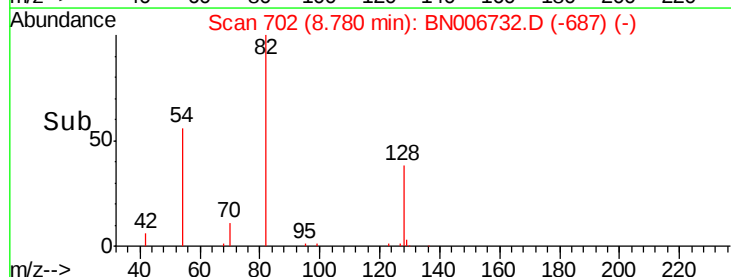
54 62.7 44.5 66.7

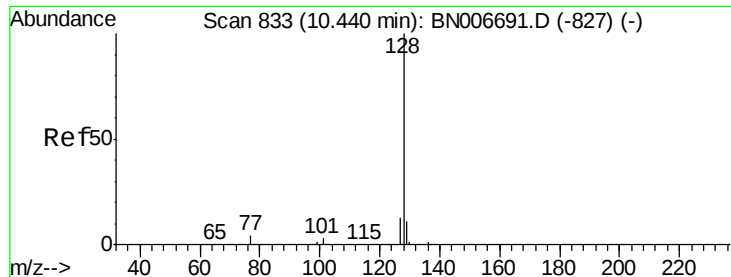


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.403 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

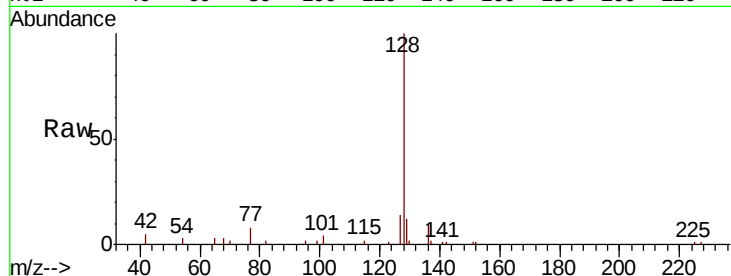
Tot Ion:128 Resp: 11226

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

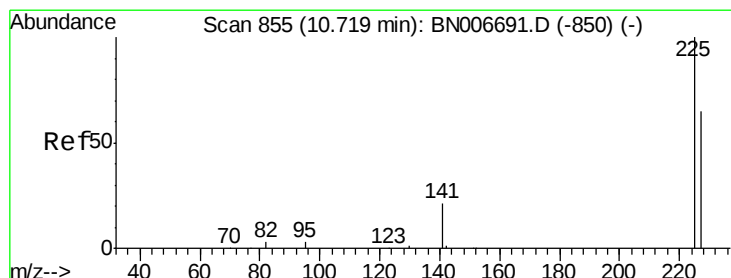
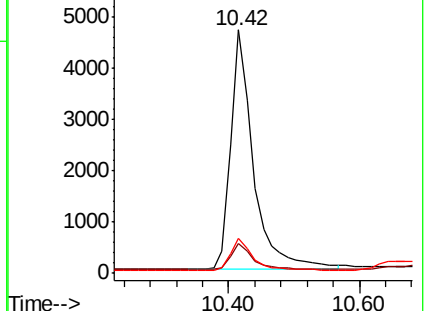
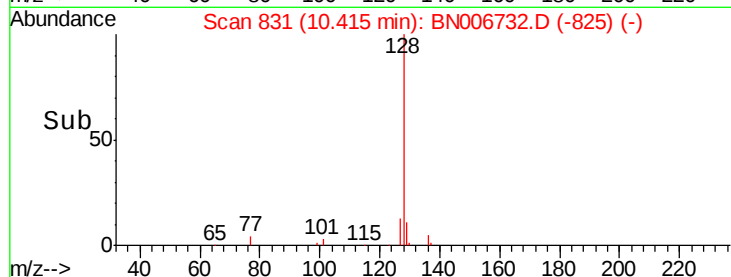
127 14.1 11.0 16.4



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: 0.363 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

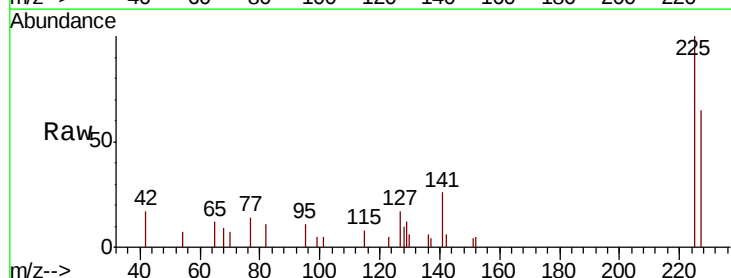
Tgt Ion:225 Resp: 2050

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

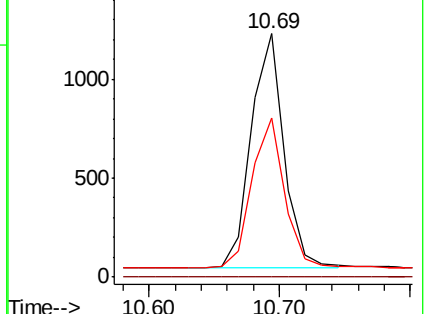
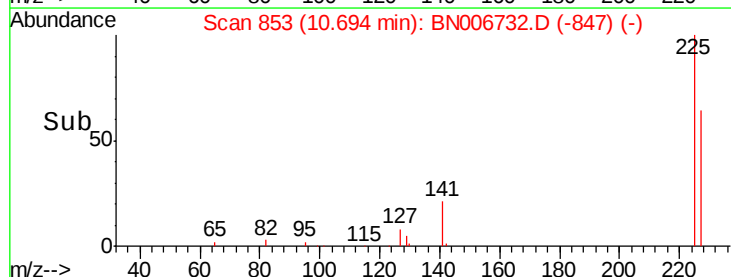
227 63.6 50.9 76.3

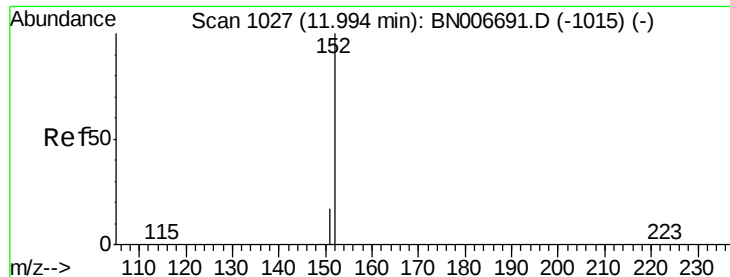


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

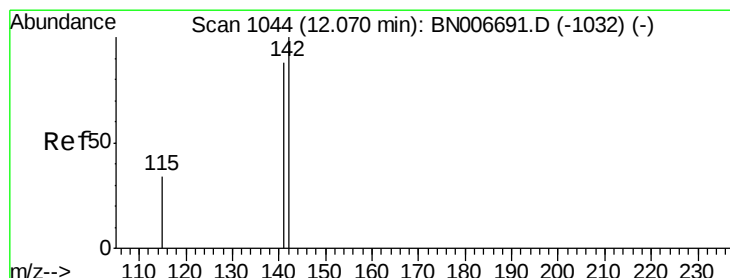
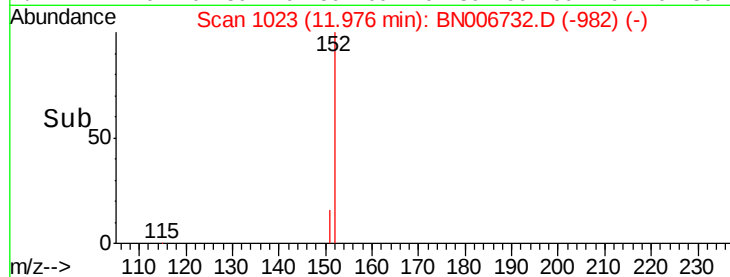
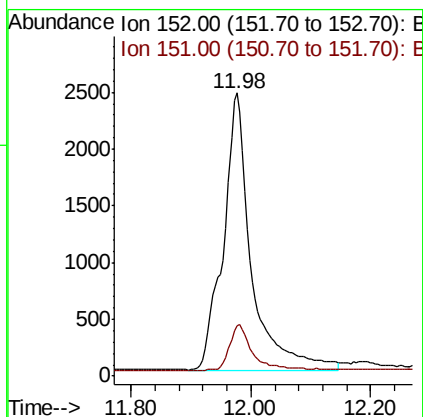
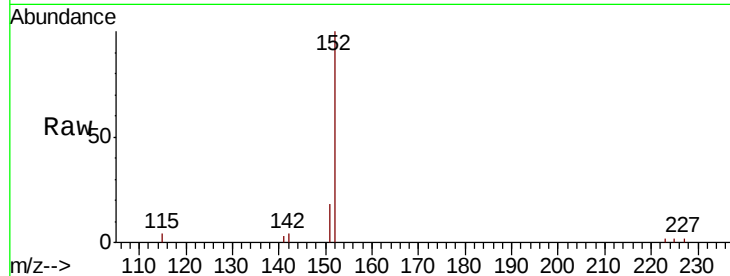




#11
2-Methylnaphthalene-d10
Concen: 0.517 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

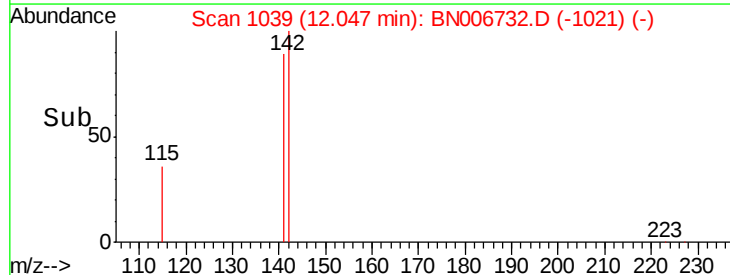
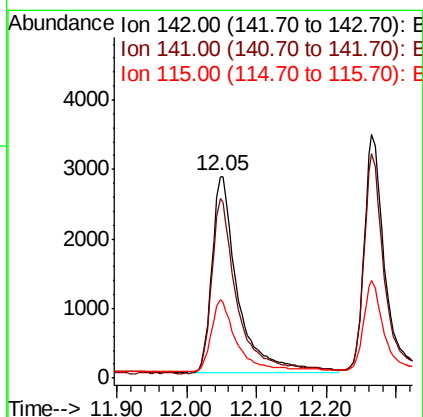
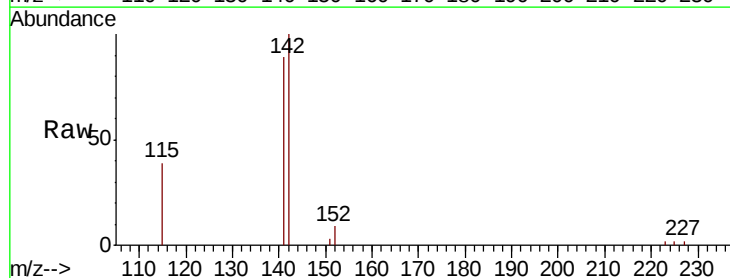
Instrument :
BNA_N
ClientSampled :
PB120991BS

Tot Ion:152 Resp: 7920
Ion Ratio Lower Upper
152 100
151 13.7 14.9 22.3#



#12
2-Methylnaphthalene
Concen: 0.367 ng
RT: 12.05 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:142 Resp: 7269
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5
115 38.8 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

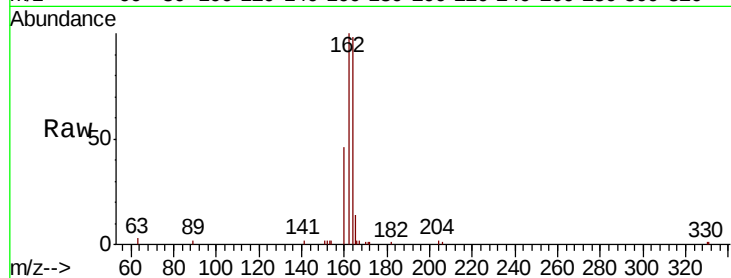
Tot Ion:164 Resp: 5907

Ion Ratio Lower Upper

164 100

162 102.5 80.8 121.2

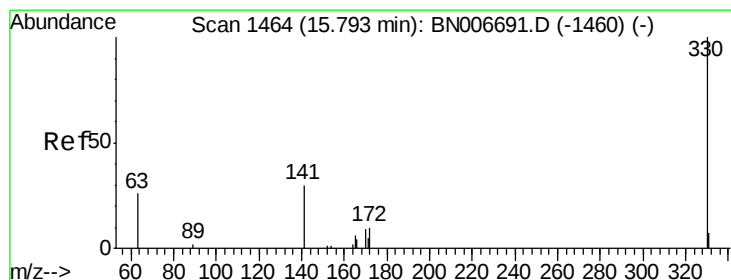
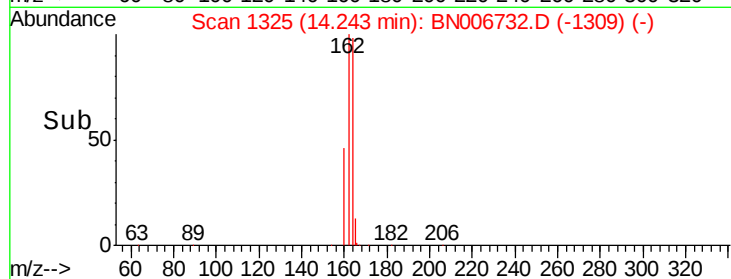
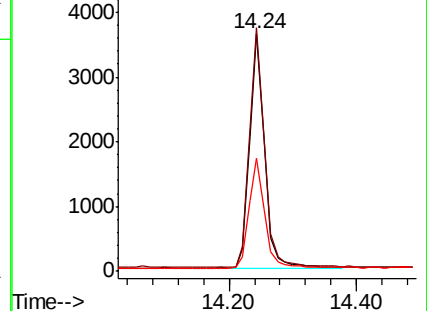
160 47.6 37.0 55.6



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: 0.262 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

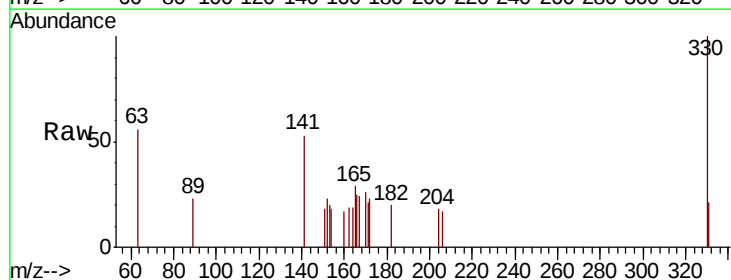
Tgt Ion:330 Resp: 760

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

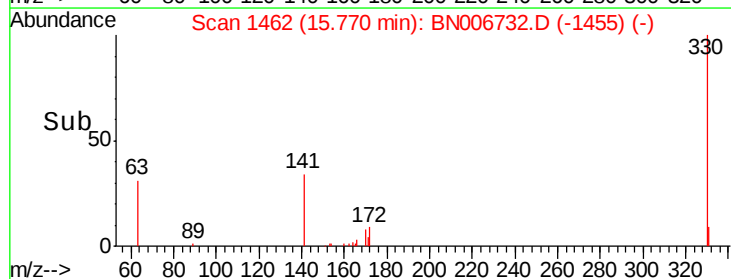
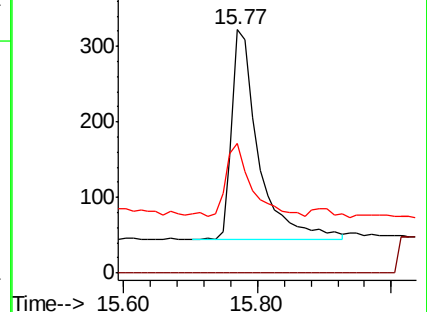
141 32.5 24.8 37.2



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

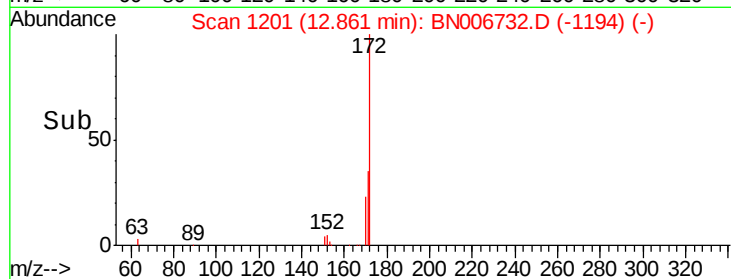
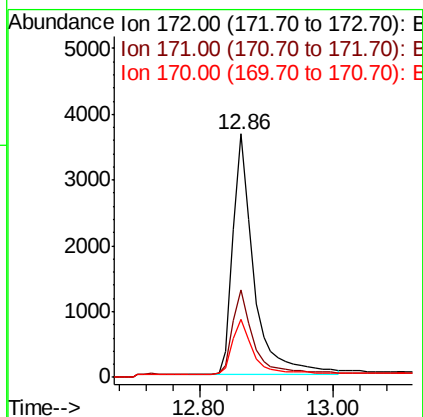
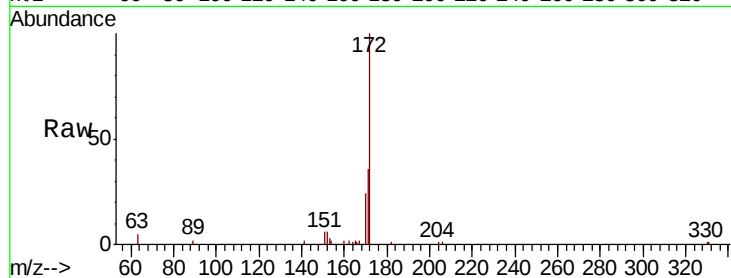




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

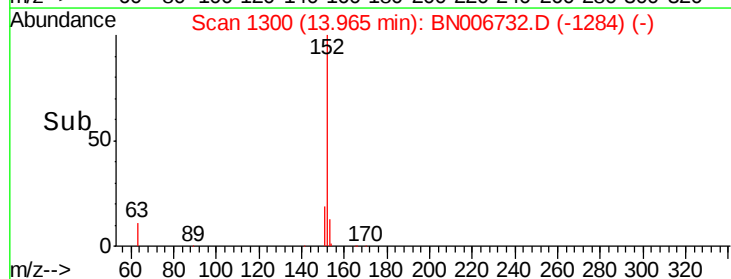
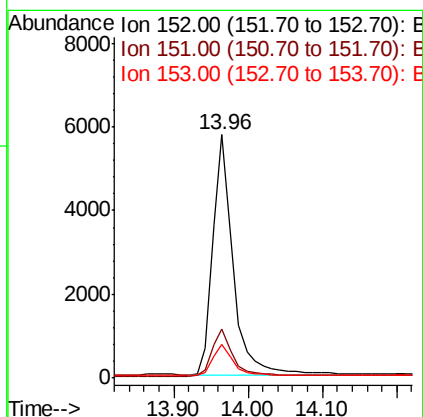
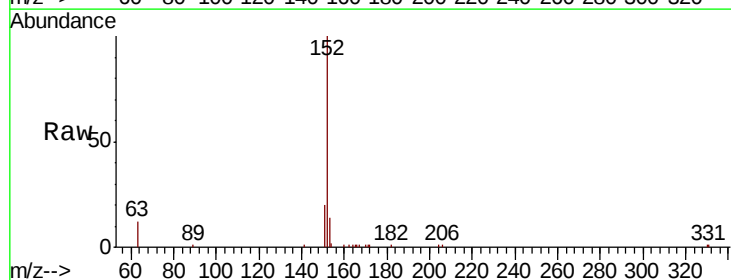
Instrument :
BNA_N
ClientSampleId :
PB120991BS

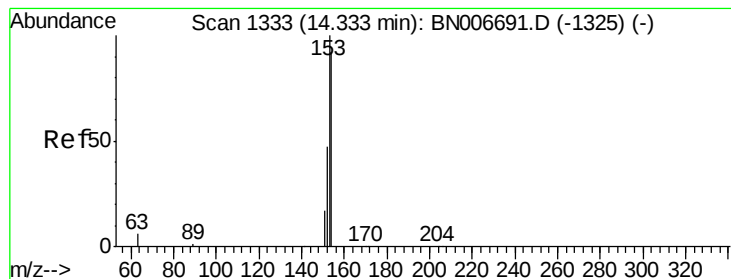
Tot Ion:172 Resp: 7804
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.6
170 24.1 18.9 28.3



#16
Acenaphthylene
Concen: 0.366 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:152 Resp: 10779
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.368 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

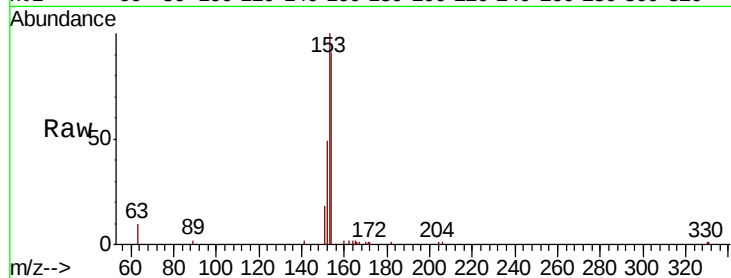
Tot Ion:154 Resp: 6917

Ion Ratio Lower Upper

154 100

153 114.0 88.9 133.3

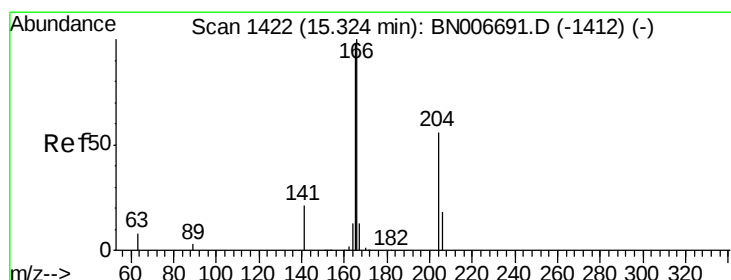
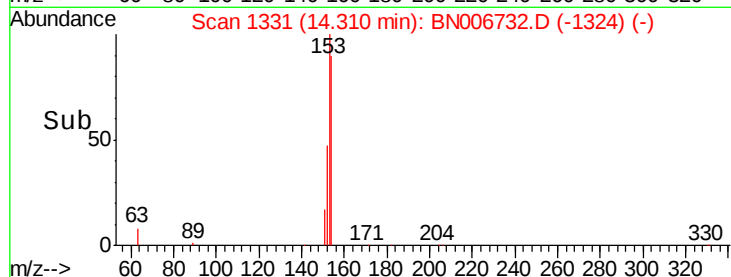
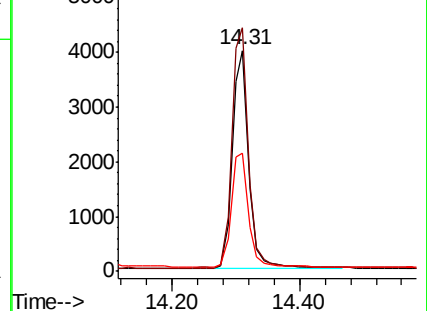
152 56.1 42.8 64.2



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: 0.370 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

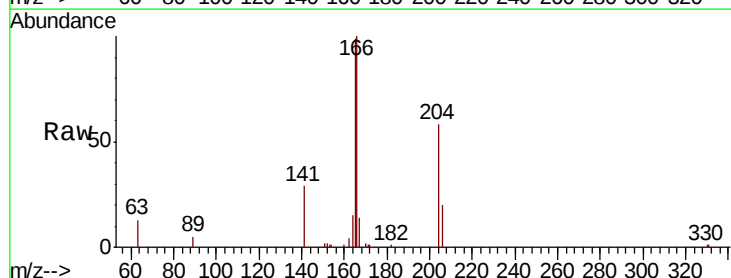
Tgt Ion:166 Resp: 8620

Ion Ratio Lower Upper

166 100

165 97.4 78.0 117.0

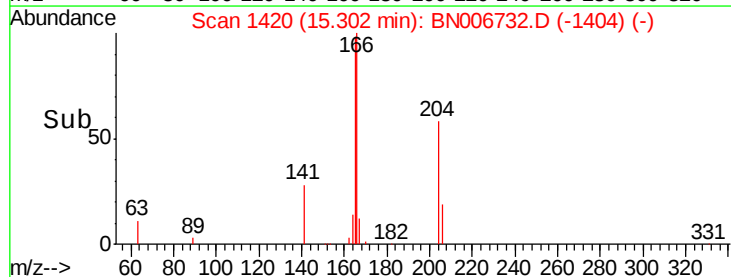
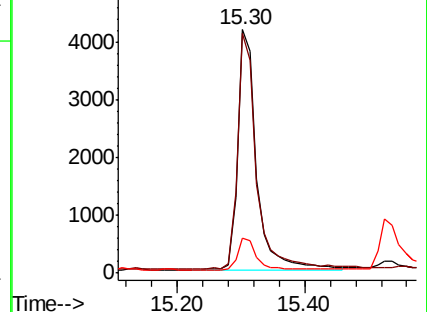
167 13.4 10.7 16.1

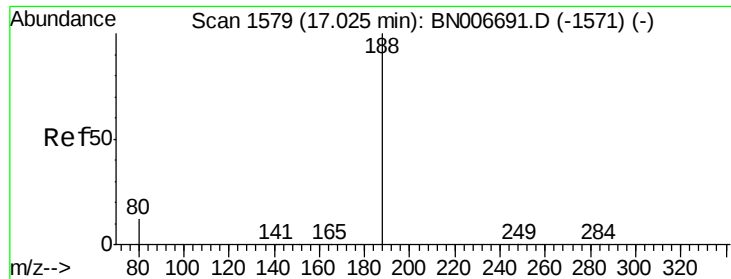


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

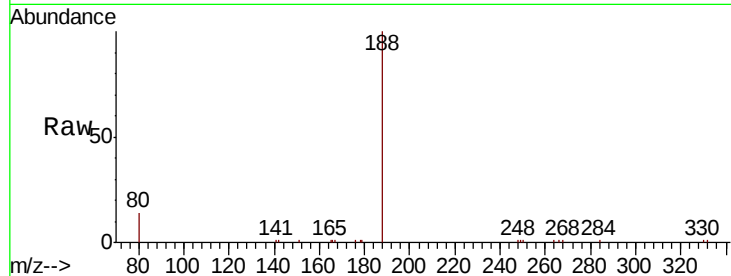
Tot Ion:188 Resp: 13501

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

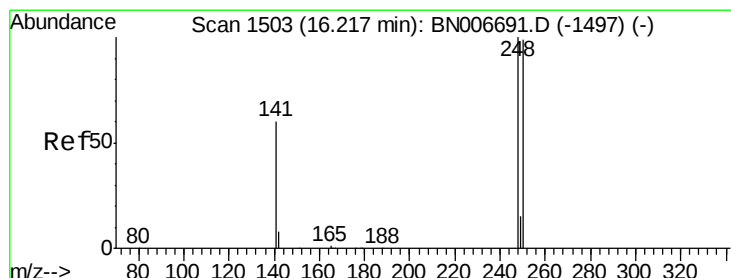
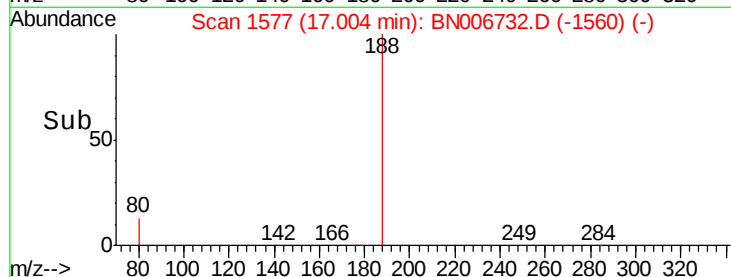
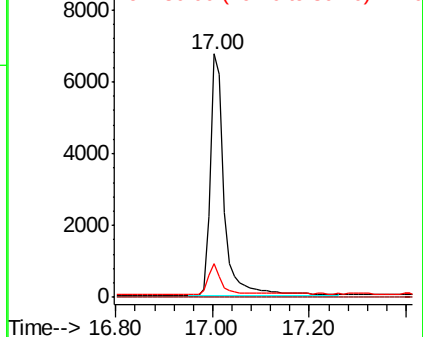
80 13.9 10.3 15.5



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: 0.332 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

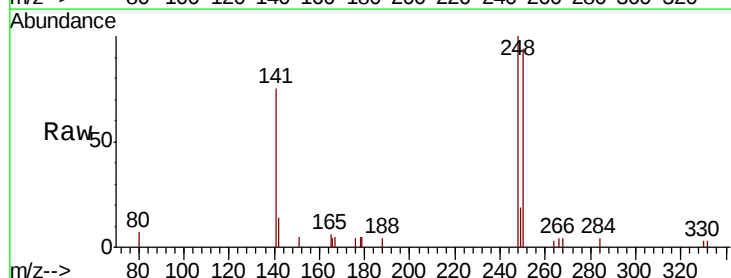
Tgt Ion:248 Resp: 2645

Ion Ratio Lower Upper

248 100

250 94.2 79.0 118.6

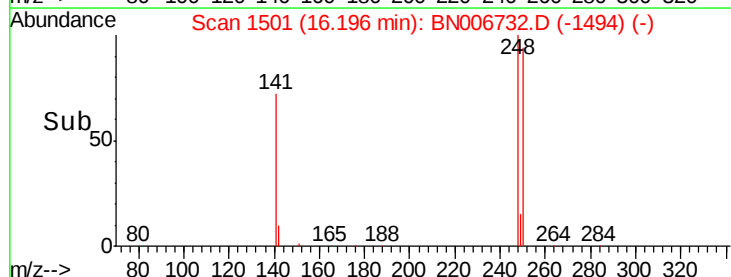
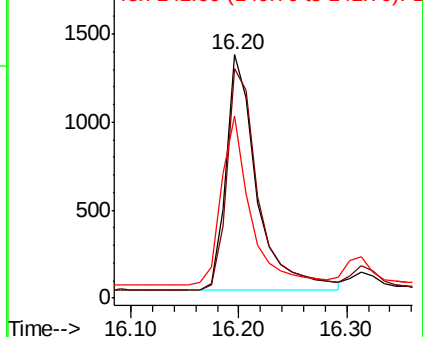
141 74.7 50.2 75.4



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: 0.364 ng

RT: 16.31 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

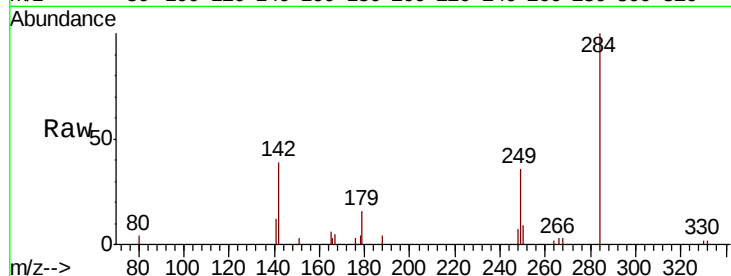
Tot Ion:284 Resp: 3449

Ion Ratio Lower Upper

284 100

142 33.7 26.9 40.3

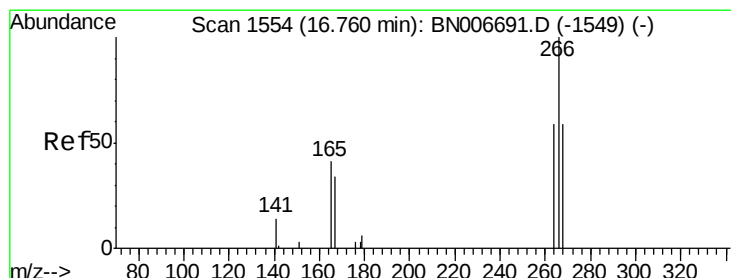
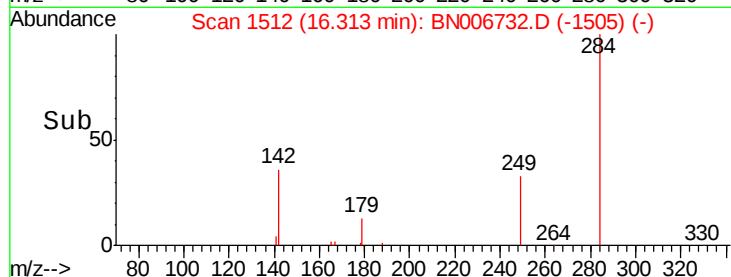
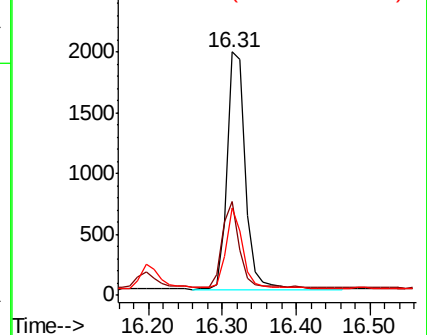
249 30.3 24.4 36.6



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: 0.572 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.04 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

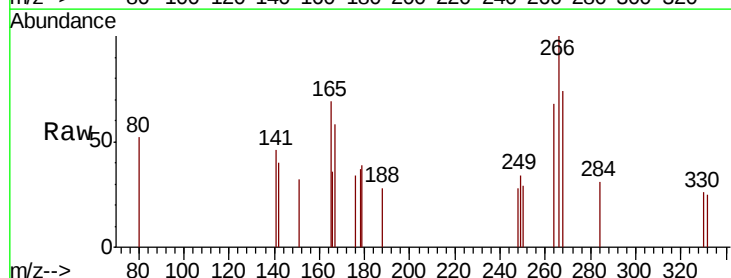
Tgt Ion:266 Resp: 609

Ion Ratio Lower Upper

266 100

264 67.8 57.6 86.4

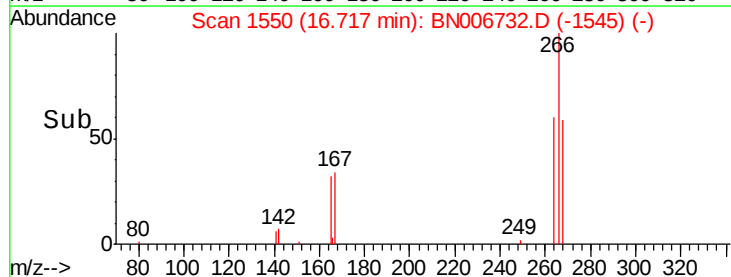
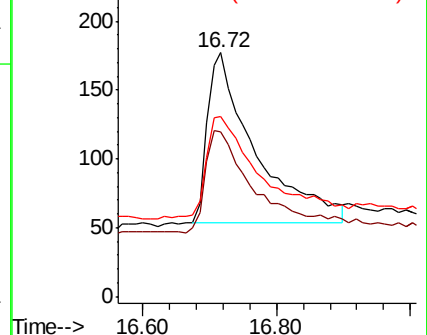
268 74.0 66.6 99.8



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: 0.352 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

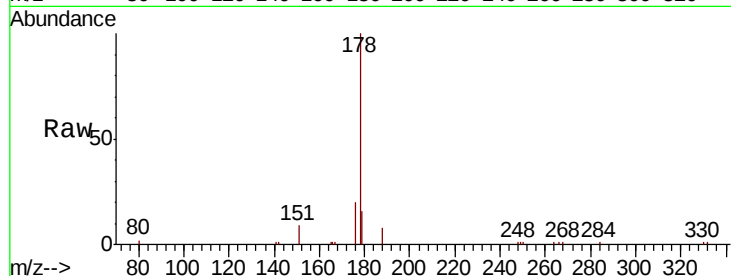
Tot Ion:178 Resp: 13705

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

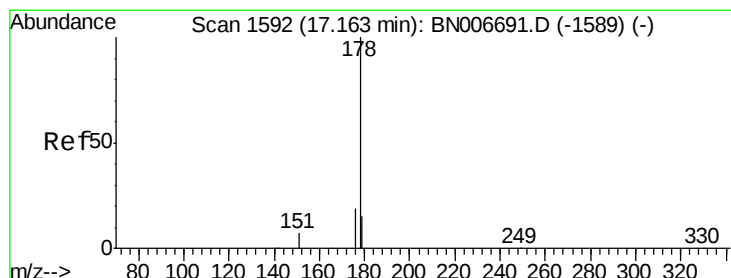
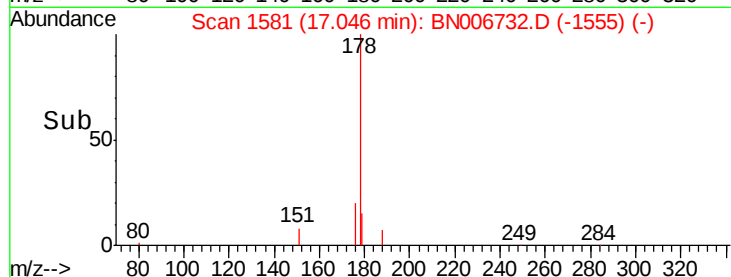
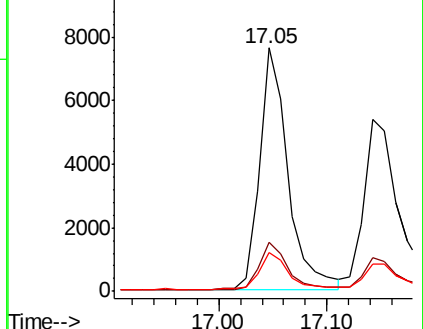
179 15.5 12.4 18.6



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: 0.339 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

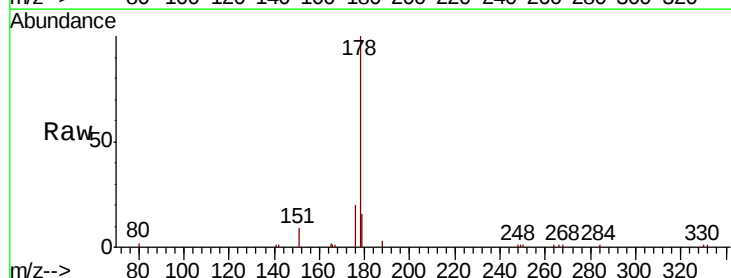
Tgt Ion:178 Resp: 11936

Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

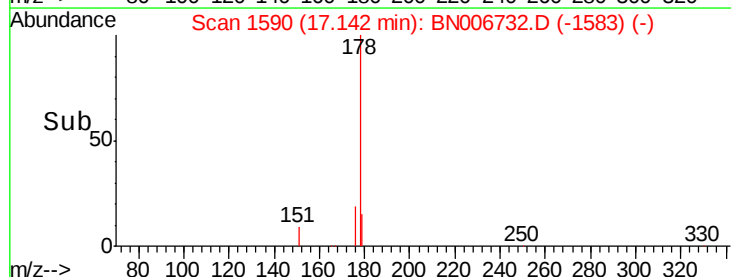
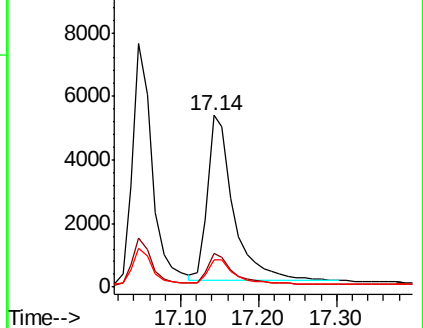
179 15.1 11.9 17.9

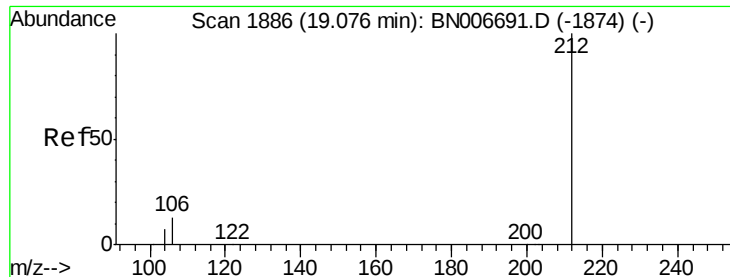


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

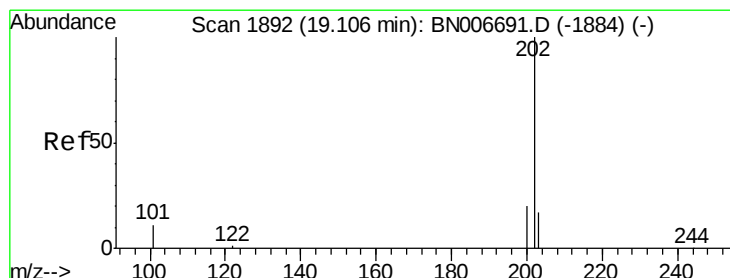
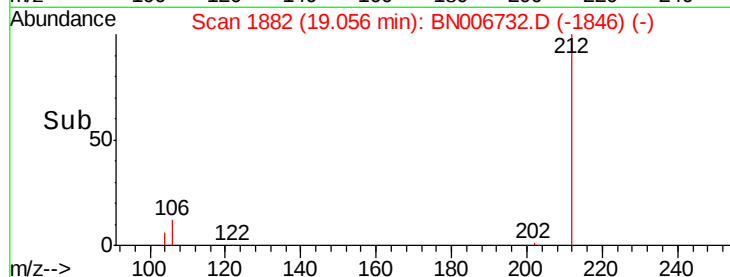
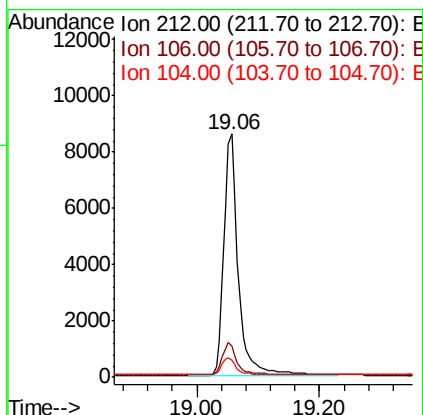
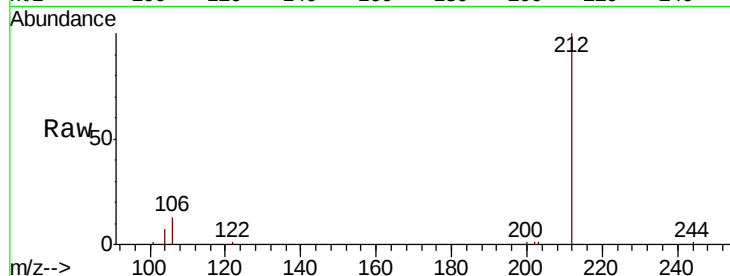




#25
 Fluoranthene-d10
 Concen: 0.369 ng
 RT: 19.06 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BN006732.D
 Acq: 06 Jul 2019 01:13

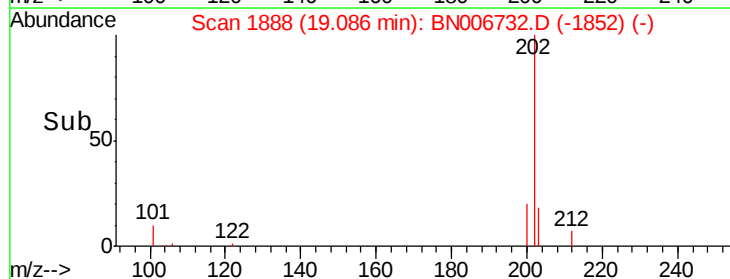
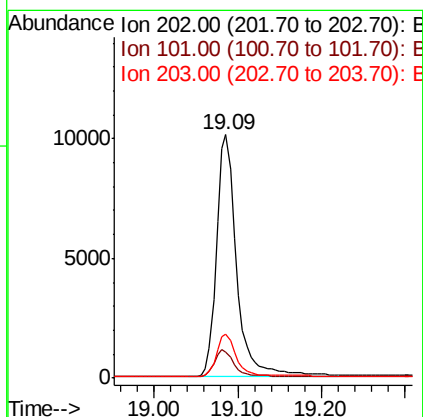
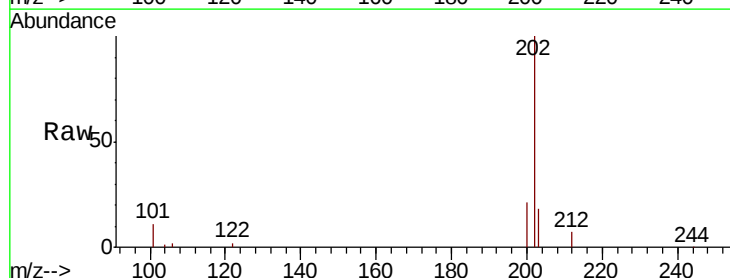
Instrument :
 BNA_N
 ClientSampleId :
 PB120991BS

Tot Ion:212 Resp: 14235
 Ion Ratio Lower Upper
 212 100
 106 13.1 11.0 16.6
 104 7.0 6.1 9.1



#26
 Fluoranthene
 Concen: 0.371 ng
 RT: 19.09 min Scan# 1888
 Delta R.T. -0.02 min
 Lab File: BN006732.D
 Acq: 06 Jul 2019 01:13

Tgt Ion:202 Resp: 16963
 Ion Ratio Lower Upper
 202 100
 101 11.1 8.7 13.1
 203 17.1 13.8 20.6

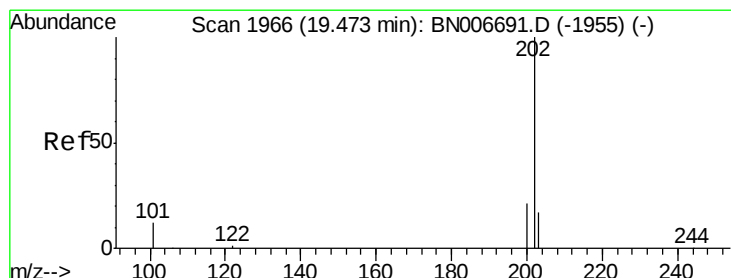
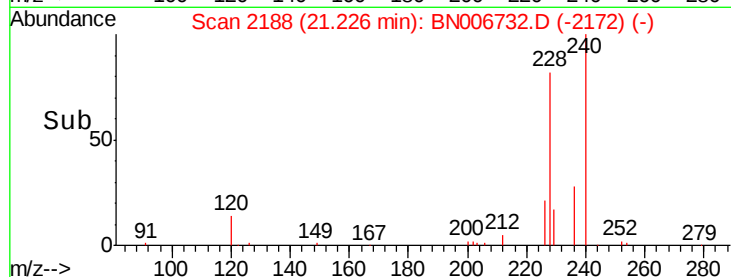
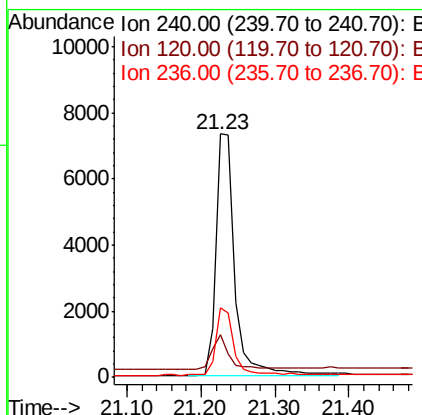
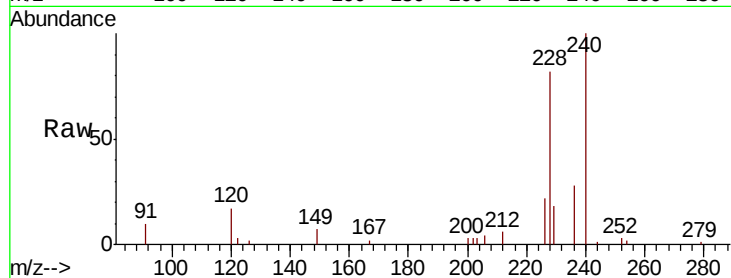




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.23 min Scan# 2188
 Delta R.T. -0.03 min
 Lab File: BN006732.D
 Acq: 06 Jul 2019 01:13

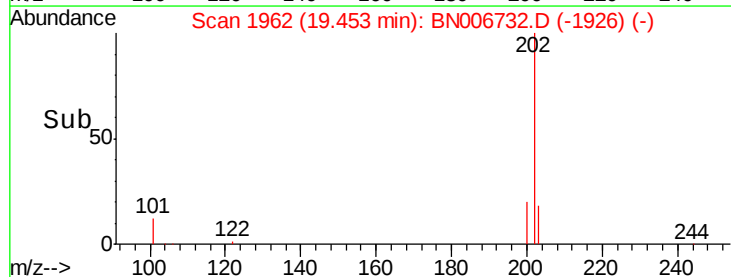
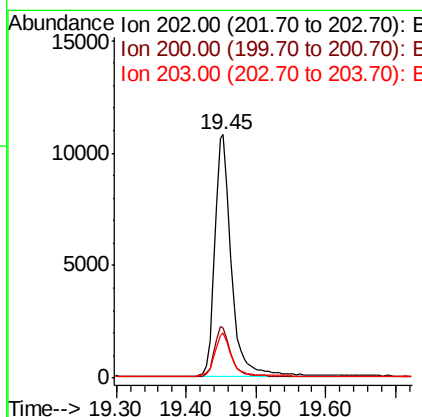
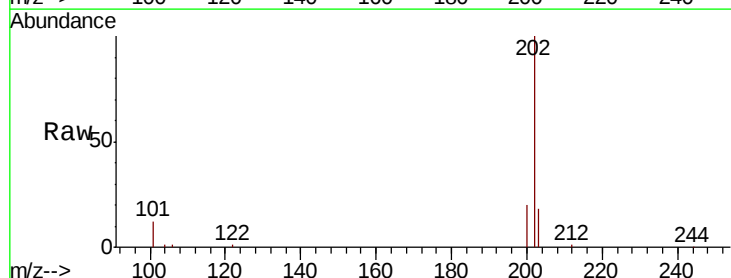
Instrument :
 BNA_N
 ClientSampleId :
 PB120991BS

Tot Ion:240 Resp: 13179
 Ion Ratio Lower Upper
 240 100
 120 17.4 12.9 19.3
 236 28.3 23.2 34.8



#28
 Pyrene
 Concen: 0.334 ng
 RT: 19.45 min Scan# 1962
 Delta R.T. -0.02 min
 Lab File: BN006732.D
 Acq: 06 Jul 2019 01:13

Tgt Ion:202 Resp: 17634
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.8 25.2
 203 18.0 14.2 21.2





#29

Terphenyl-d14

Concen: 0.338 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

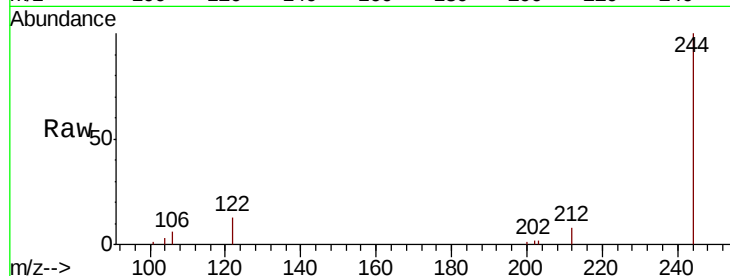
Tot Ion:244 Resp: 10263

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

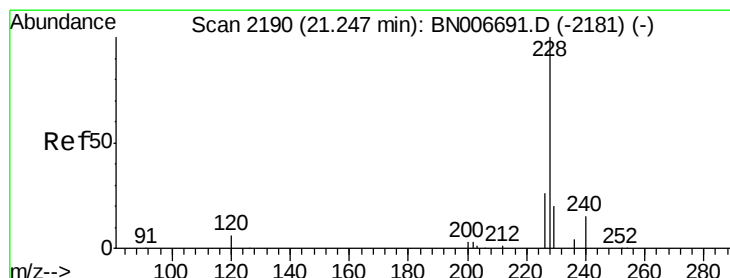
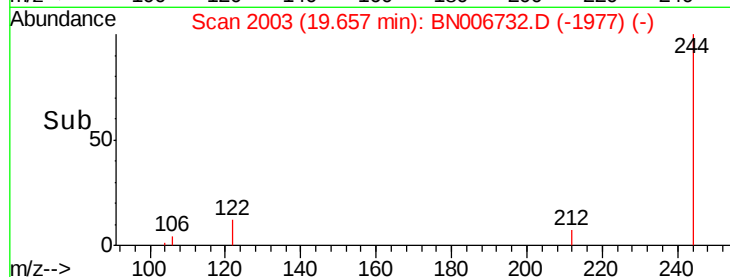
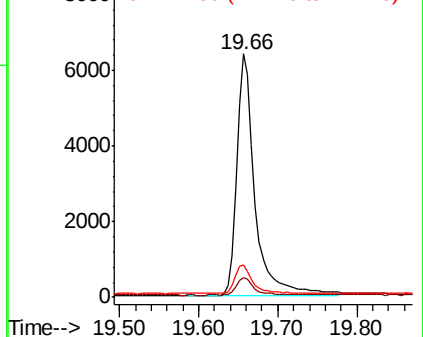
122 13.1 11.5 17.3



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: 0.363 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

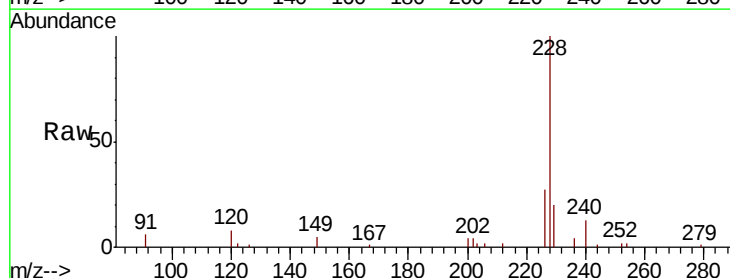
Tgt Ion:228 Resp: 16486

Ion Ratio Lower Upper

228 100

226 27.2 21.5 32.3

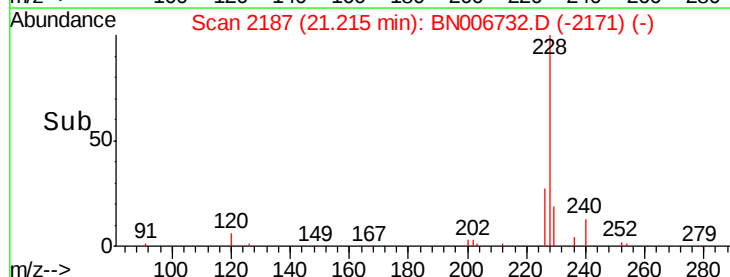
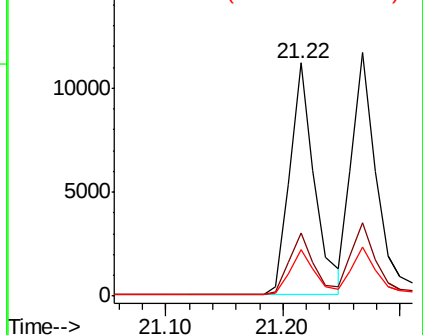
229 20.1 16.2 24.4



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: 0.360 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

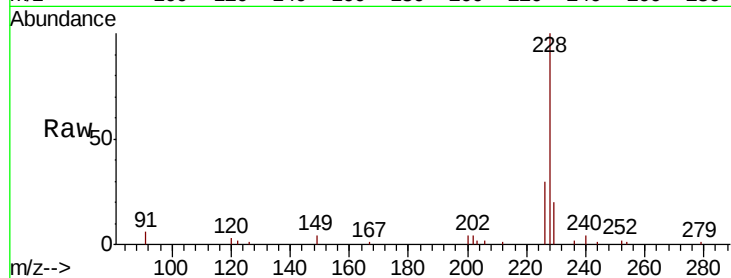
Tot Ion:228 Resp: 16874

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 20.0 15.8 23.6

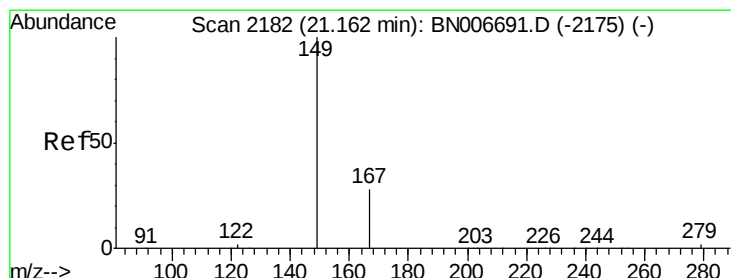
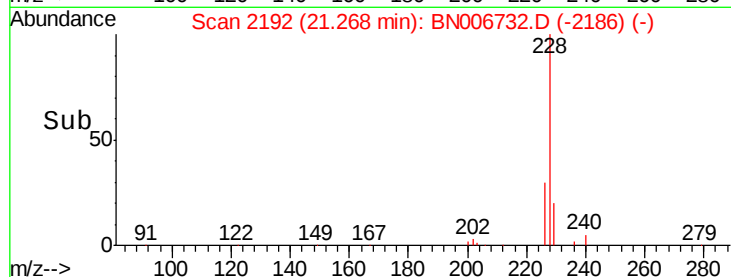
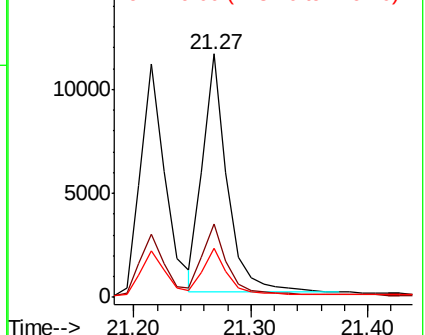


Abundance

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: 0.055 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

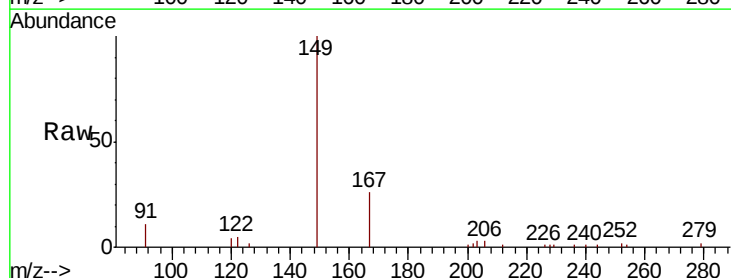
Tgt Ion:149 Resp: 7423

Ion Ratio Lower Upper

149 100

167 28.0 22.9 34.3

279 4.5 3.2 4.8

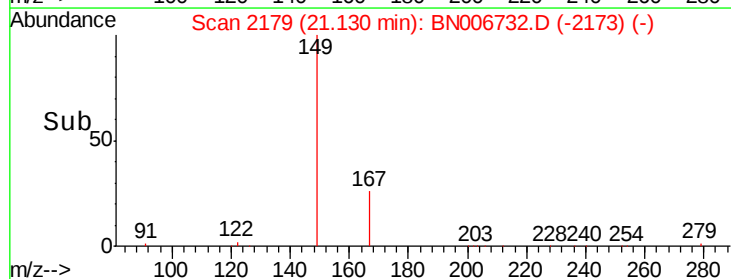
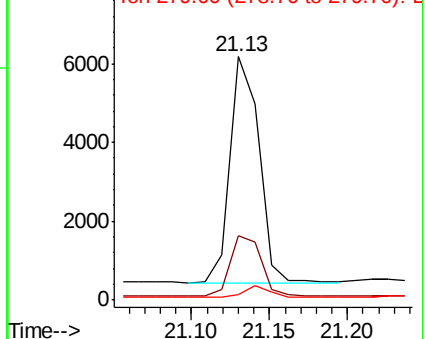


Abundance

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: 0.414 ng

RT: 25.68 min Scan# 3257

Delta R.T. -0.06 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

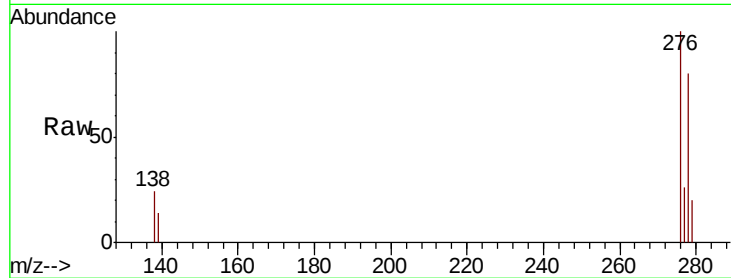
Tot Ion:276 Resp: 23198

Ion Ratio Lower Upper

276 100

138 22.6 19.5 29.3

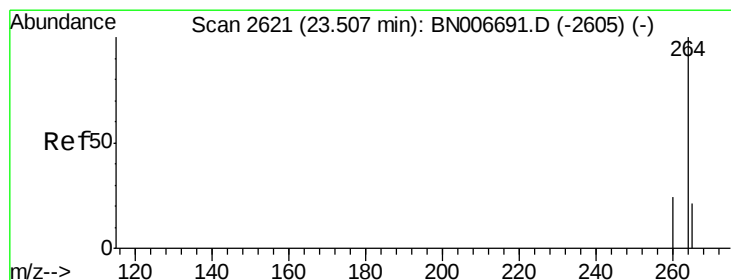
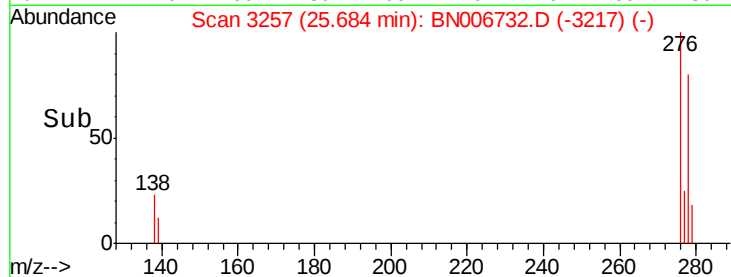
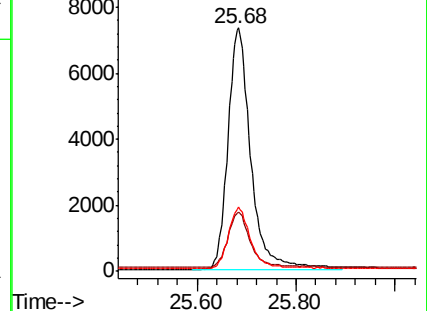
277 24.6 19.7 29.5



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: 23.46 min Scan# 2607

Delta R.T. -0.05 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

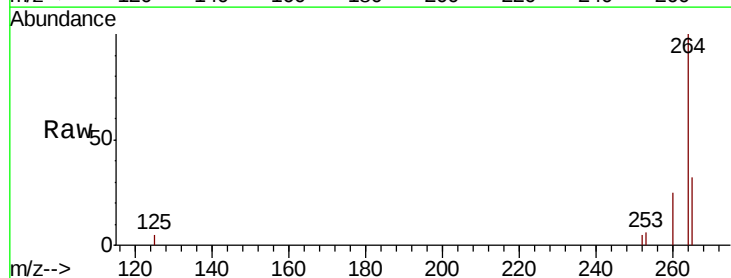
Tgt Ion:264 Resp: 17011

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

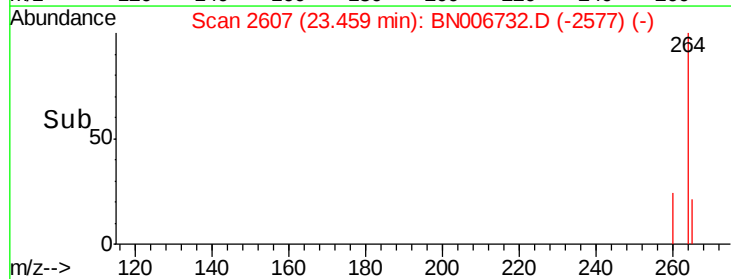
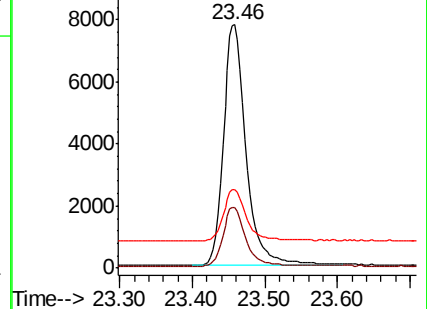
265 32.3 33.7 50.5#



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

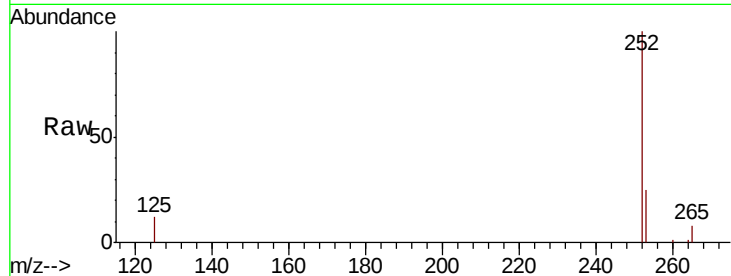




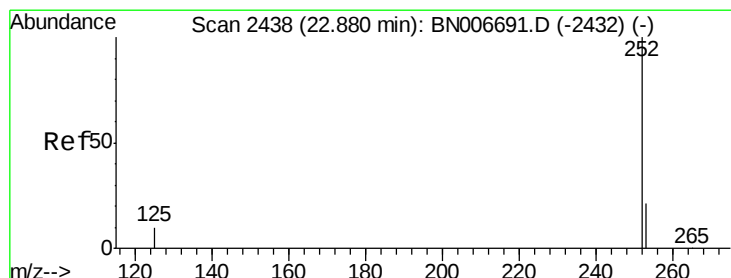
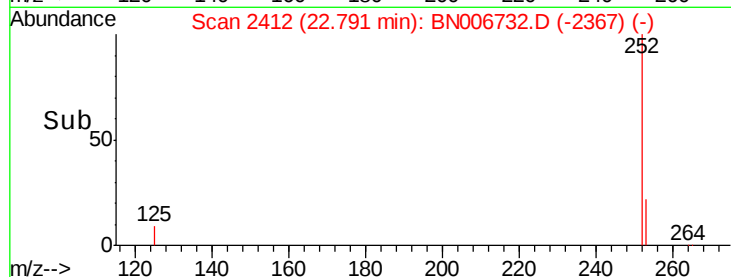
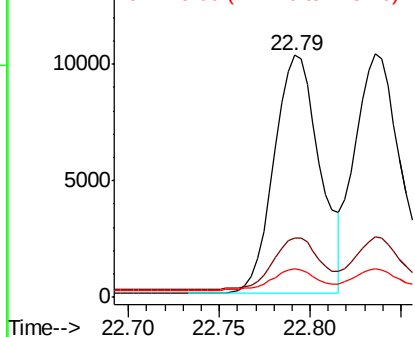
#35
Benzo(b)fluoranthene
Concen: 0.327 ng
RT: 22.79 min Scan# 2412
Delta R.T. -0.04 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tot Ion:252 Resp: 17860
Ion Ratio Lower Upper
252 100
253 24.5 20.2 30.2
125 11.9 11.5 17.3

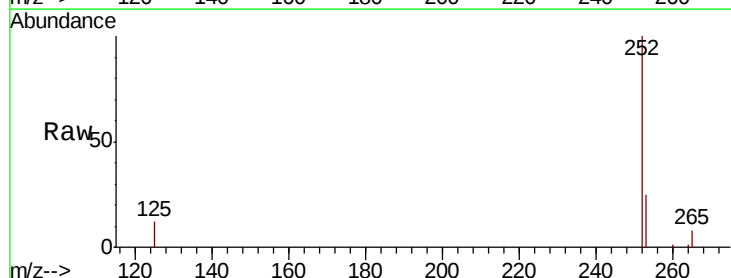


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

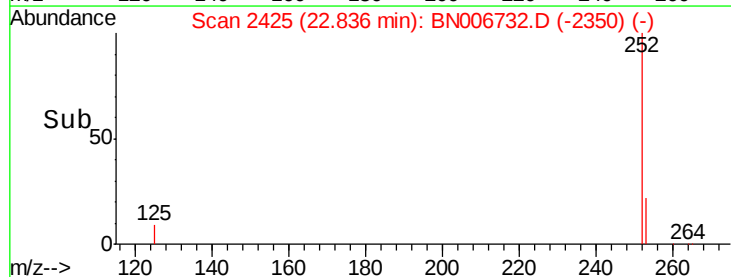
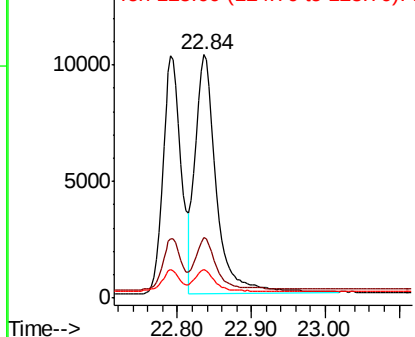


#36
Benzo(k)fluoranthene
Concen: 0.338 ng
RT: 22.84 min Scan# 2425
Delta R.T. -0.04 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:252 Resp: 20029
Ion Ratio Lower Upper
252 100
253 24.7 20.1 30.1
125 11.6 11.4 17.0



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





#37

Benzo(a)pyrene

Concen: 0.354 ng

RT: 23.36 min Scan# 2578

Delta R.T. -0.05 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

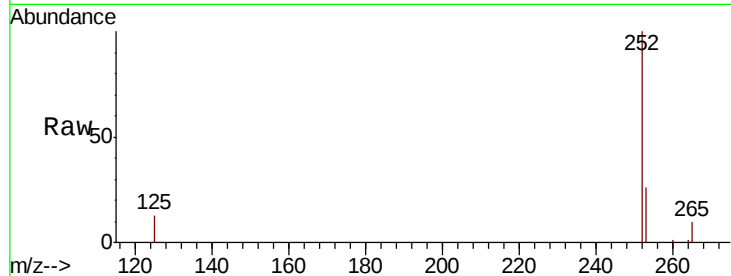
Tot Ion:252 Resp: 18722

Ion Ratio Lower Upper

252 100

253 25.7 21.4 32.2

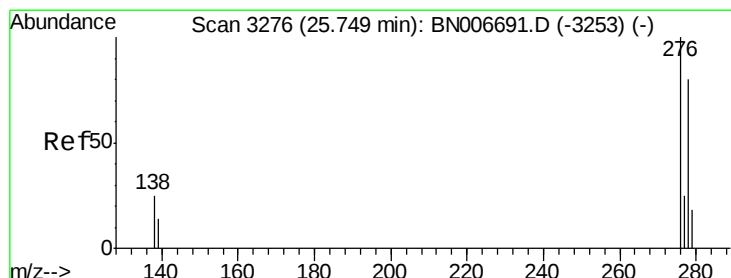
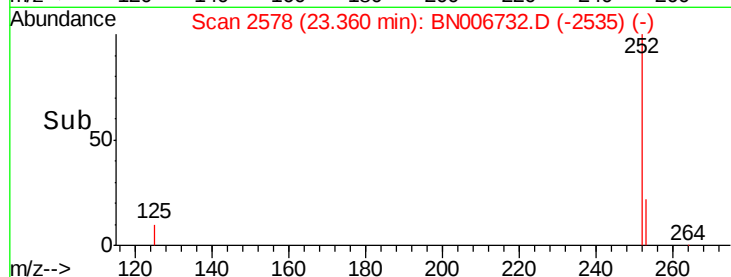
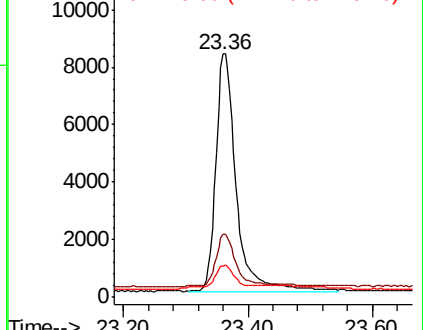
125 13.0 13.3 19.9#



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: 0.356 ng

RT: 25.68 min Scan# 3257

Delta R.T. -0.07 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

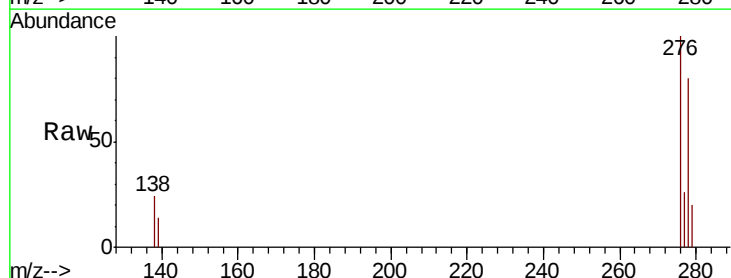
Tgt Ion:278 Resp: 18728

Ion Ratio Lower Upper

278 100

139 17.0 16.2 24.4

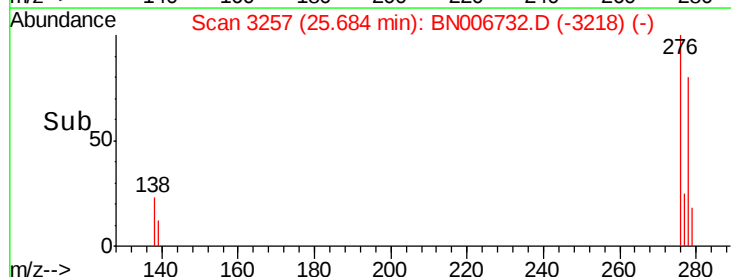
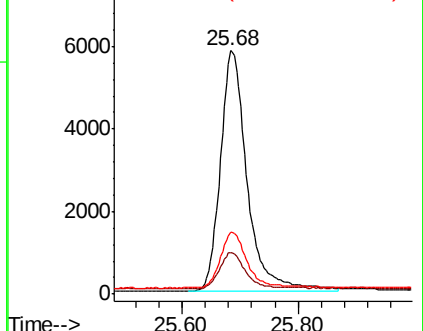
279 25.3 20.7 31.1



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: 0.374 ng

RT: 26.36 min Scan# 3456

Delta R.T. -0.07 min

Lab File: BN006732.D

Acq: 06 Jul 2019 01:13

Instrument :

BNA_N

ClientSampleId :

PB120991BS

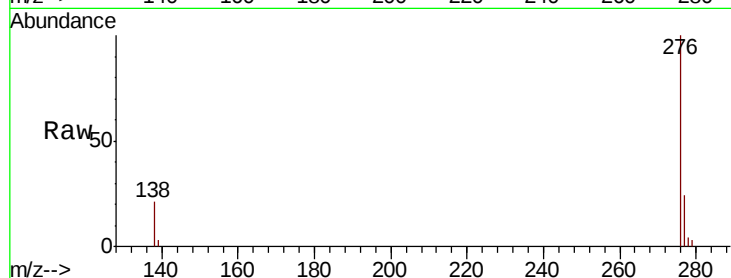
Tot Ion: 276 Resp: 20230

Ion Ratio Lower Upper

276 100

277 24.2 20.6 30.8

138 21.0 19.7 29.5



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

