

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070819\
 Data File : BN006751.D
 Acq On : 08 Jul 2019 10:53
 Operator : HP/JU
 Sample : PB121057BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121057BS

Quant Time: Jul 08 11:24:59 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	2657	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	10128	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	5621	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	12315	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	13037	0.40	ng	-0.02
34) Perylene-d12	23.47	264	14263	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2080	0.29	ng	0.00
5) Phenol-d6	6.82	99	2682	0.29	ng	0.00
8) Nitrobenzene-d5	8.79	82	2216	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	7334	0.48	ng	-0.01
14) 2,4,6-Tribromophenol	15.78	330	721	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	7685	0.35	ng	-0.02
25) Fluoranthene-d10	19.06	212	11735	0.33	ng	-0.02
29) Terphenyl-d14	19.66	244	8383	0.28	ng	-0.01

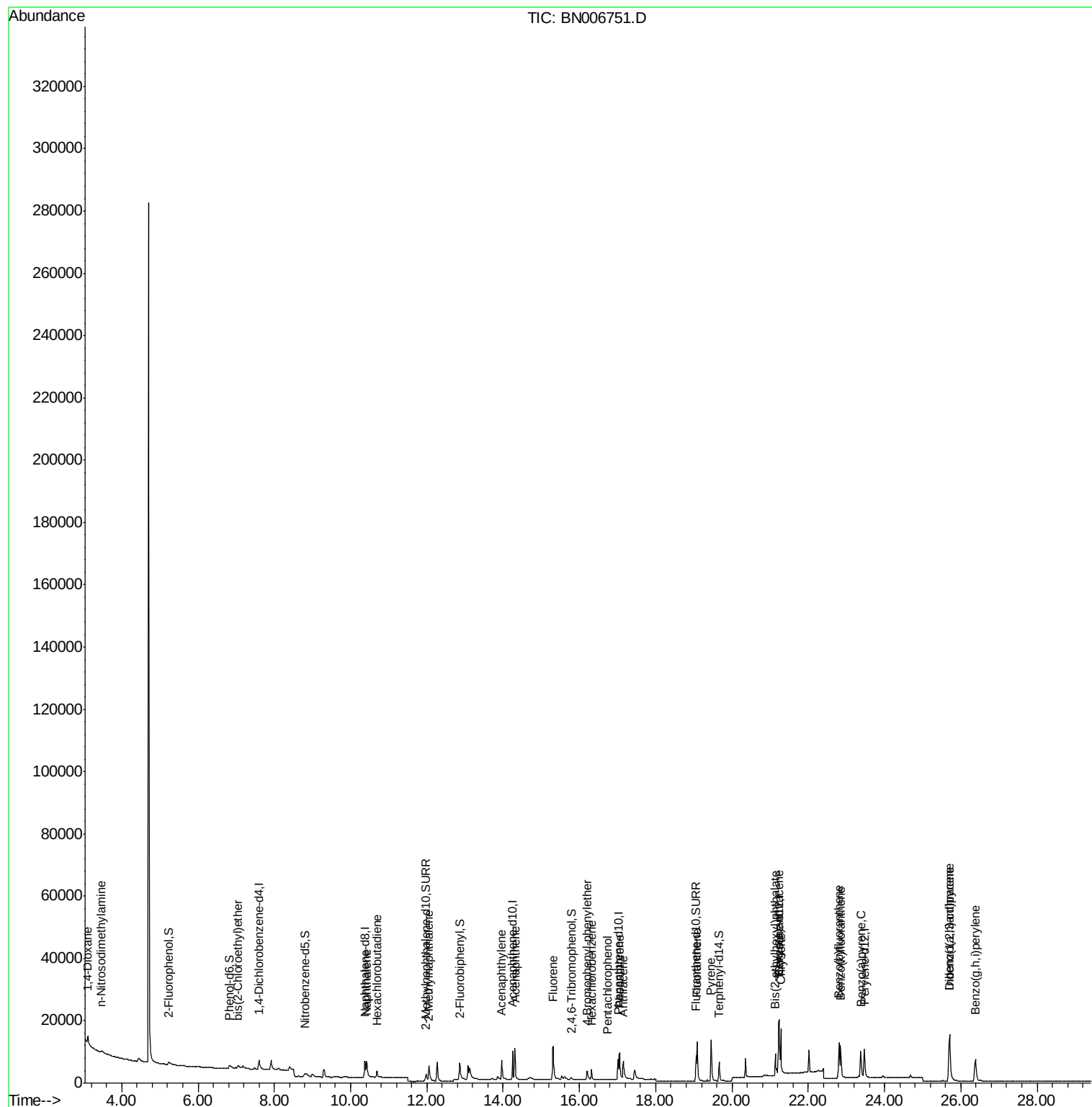
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	1487	0.358	ng	# 47
3) n-Nitrosodimethylamine	3.47	42	850	0.271	ng	# 98
6) bis(2-Chloroethyl)ether	7.05	93	1927	0.250	ng	94
9) Naphthalene	10.42	128	9429	0.340	ng	99
10) Hexachlorobutadiene	10.69	225	1878	0.335	ng	# 100
12) 2-Methylnaphthalene	12.05	142	6059	0.299	ng	97
16) Acenaphthylene	13.96	152	8983	0.321	ng	100
17) Acenaphthene	14.31	154	6069	0.340	ng	98
18) Fluorene	15.31	166	7316	0.330	ng	98
20) 4-Bromophenyl-phenylether	16.21	248	2262	0.312	ng	97
21) Hexachlorobenzene	16.32	284	3041	0.352	ng	99
22) Pentachlorophenol	16.74	266	246	0.322	ng	92
23) Phenanthrene	17.06	178	11768	0.332	ng	100
24) Anthracene	17.15	178	9744	0.304	ng	99
26) Fluoranthene	19.09	202	14257	0.342	ng	99
28) Pyrene	19.45	202	15091	0.289	ng	100
30) Benzo(a)anthracene	21.23	228	13463	0.299	ng	99
31) Chrysene	21.28	228	13800	0.298	ng	99
32) Bis(2-ethylhexyl)phthalate	21.14	149	5759	0.043	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	19769	0.357	ng	98
35) Benzo(b)fluoranthene	22.81	252	15165	0.331	ng	97
36) Benzo(k)fluoranthene	22.85	252	17447	0.351	ng	98
37) Benzo(a)pyrene	23.38	252	15862	0.358	ng	96
38) Dibenzo(a,h)anthracene	25.71	278	15434	0.350	ng	97
39) Benzo(g,h,i)perylene	26.39	276	17252	0.380	ng	96

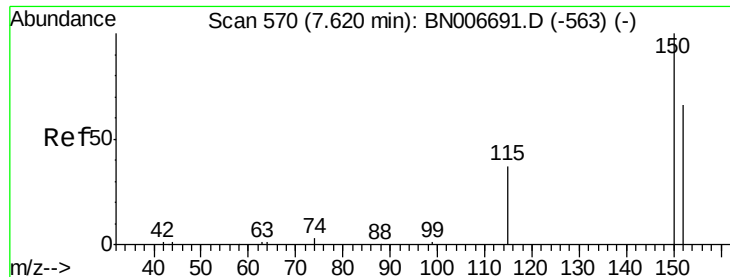
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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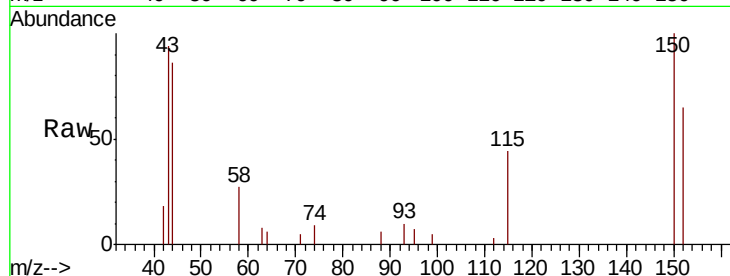


#1

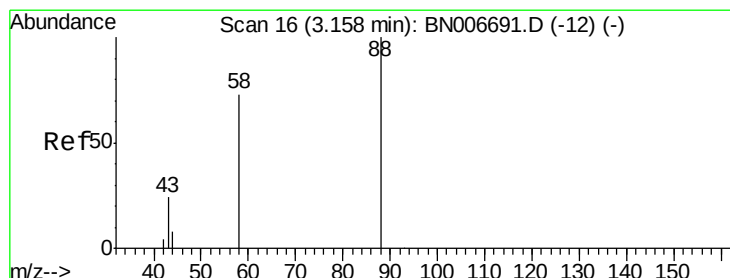
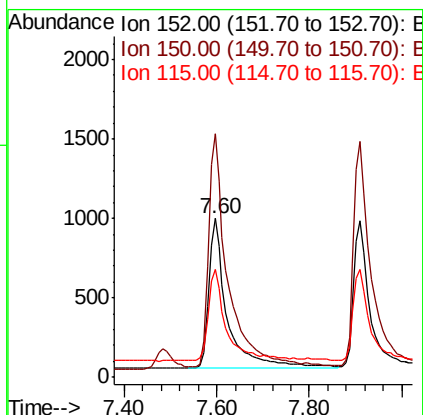
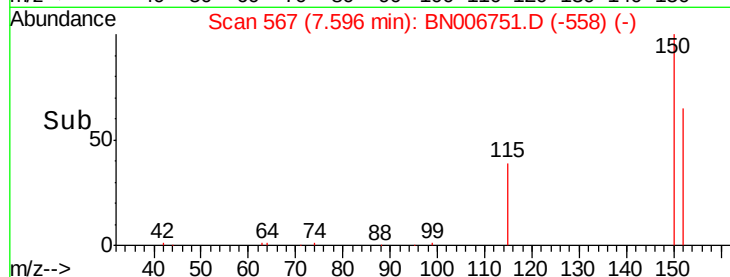
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tot Ion:152 Resp: 2657
Ion Ratio Lower Upper
152 100
150 153.5 120.6 181.0
115 67.7 51.0 76.6



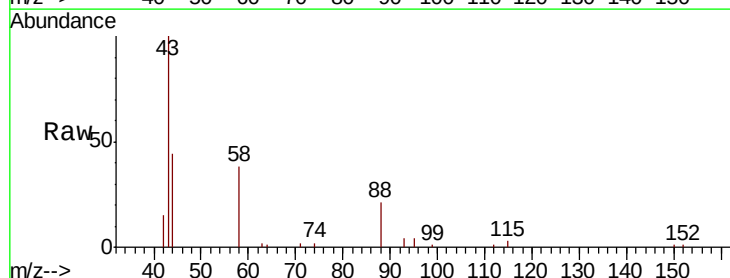
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



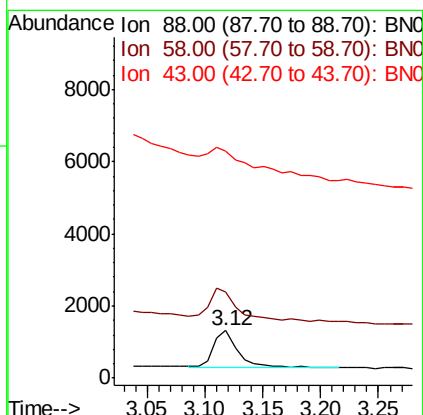
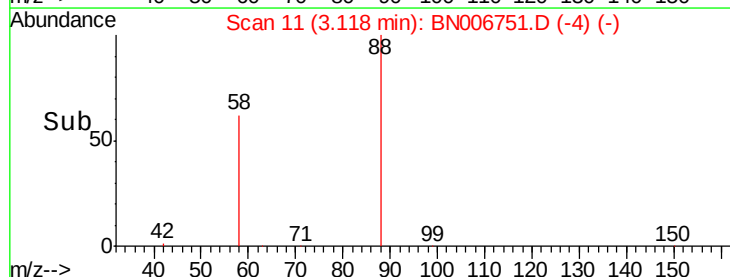
#2

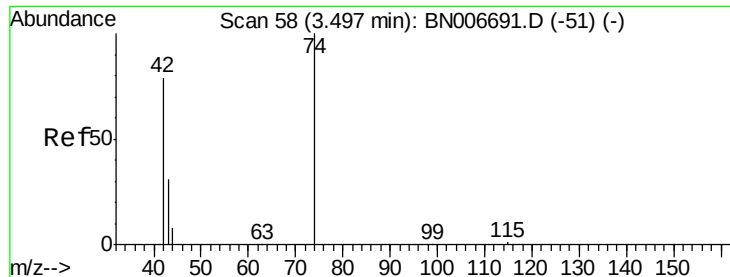
1,4-Dioxane
Concen: 0.358 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion: 88 Resp: 1487
Ion Ratio Lower Upper
88 100
58 116.7 61.1 91.7#
43 0.0 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: 0.271 ng

RT: 3.47 min Scan# 55

Delta R.T. -0.02 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

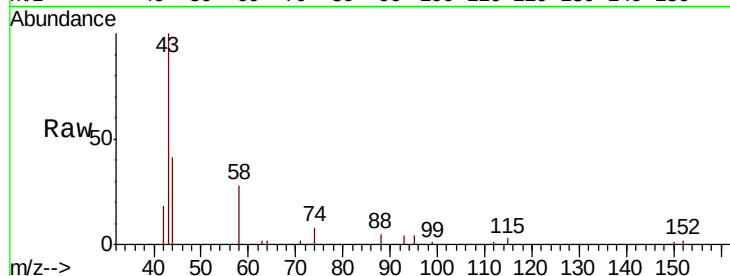
Tot Ion: 42 Resp: 850

Ion Ratio Lower Upper

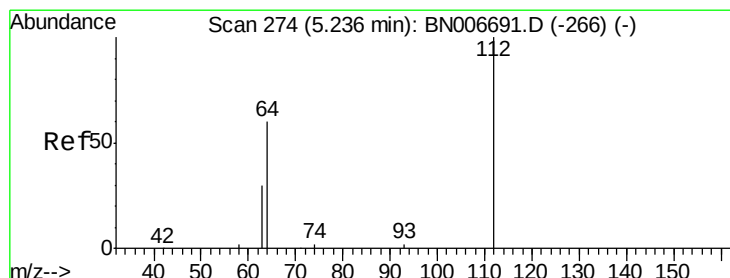
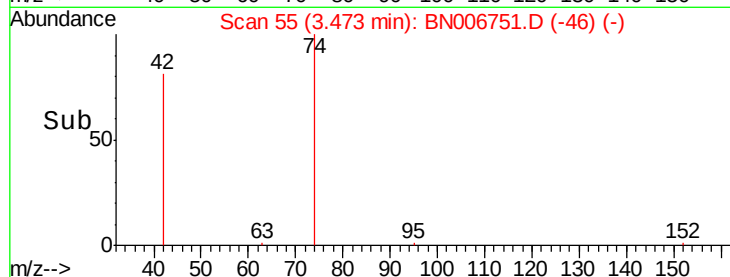
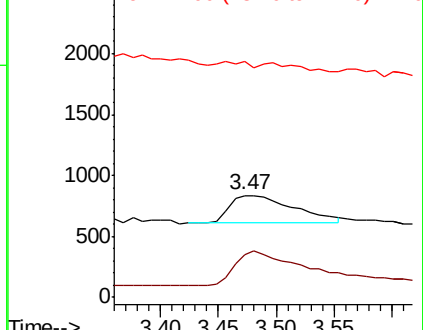
42 100

74 131.1 106.6 160.0

44 7.4 8.0 12.0#



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: 0.288 ng

RT: 5.24 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

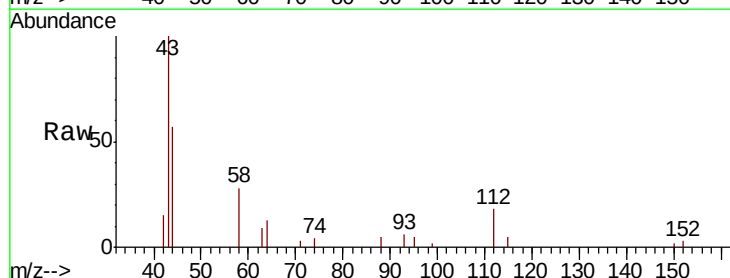
Tgt Ion: 112 Resp: 2080

Ion Ratio Lower Upper

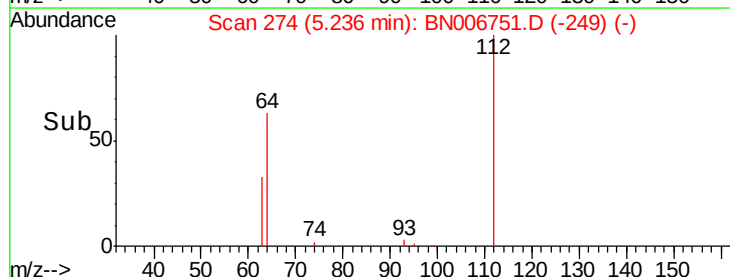
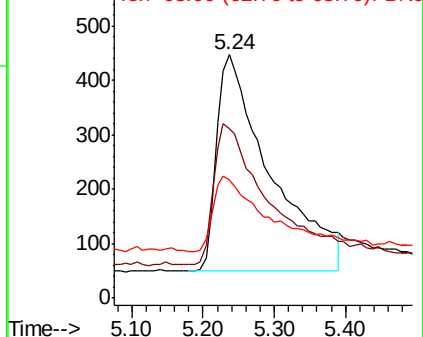
112 100

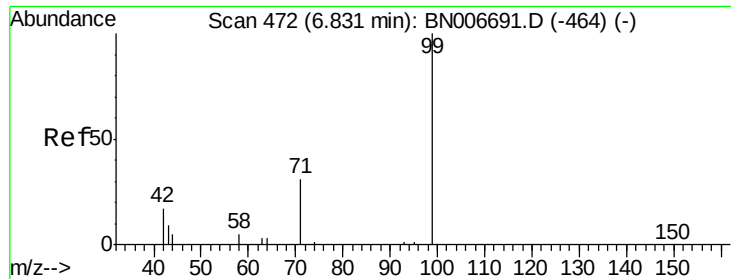
64 66.7 49.8 74.6

63 36.1 25.8 38.6



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: 0.294 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

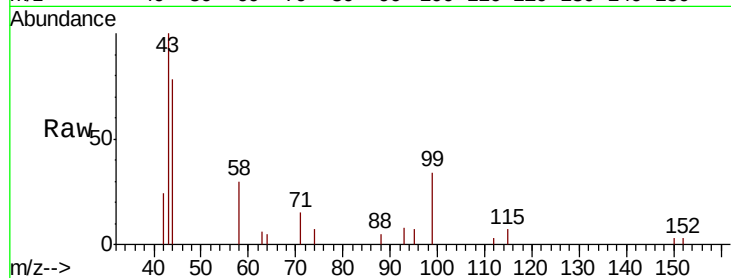
Tot Ion: 99 Resp: 2682

Ion Ratio Lower Upper

99 100

42 23.6 16.6 25.0

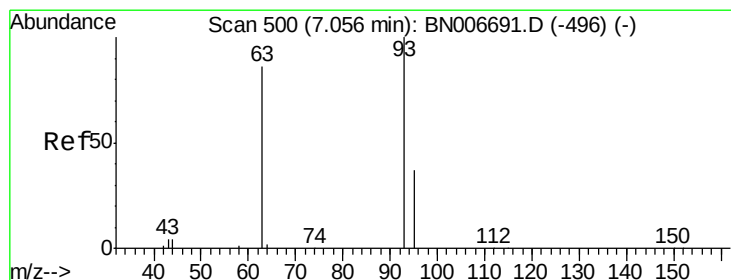
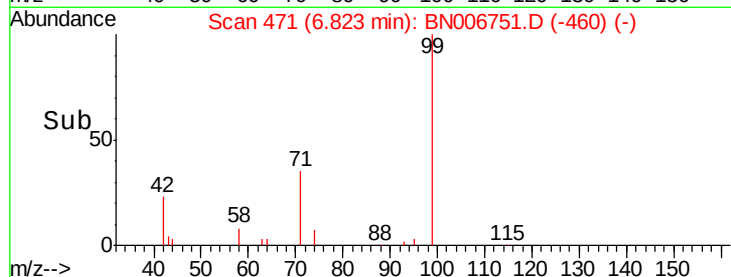
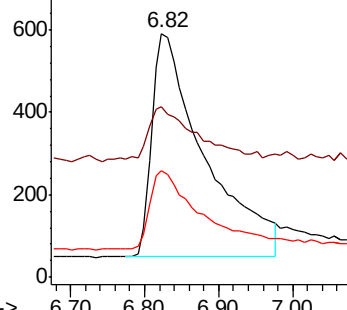
71 34.1 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006751.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006751.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006751.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.250 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.01 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

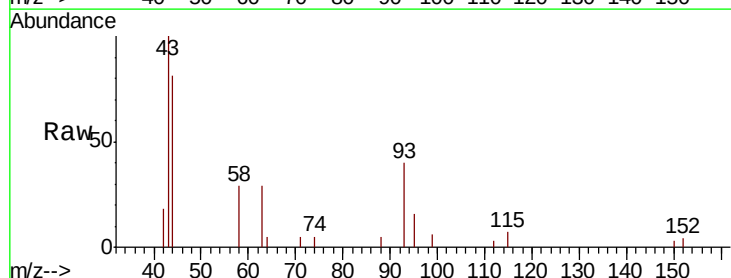
Tgt Ion: 93 Resp: 1927

Ion Ratio Lower Upper

93 100

63 79.8 58.6 87.8

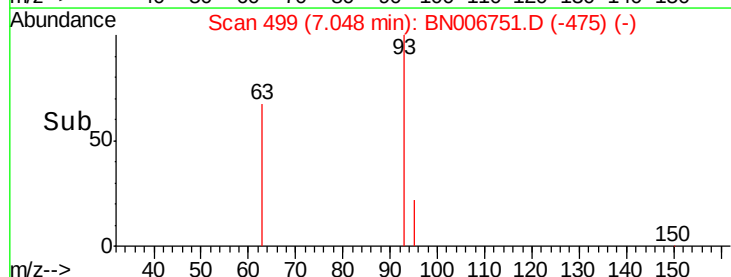
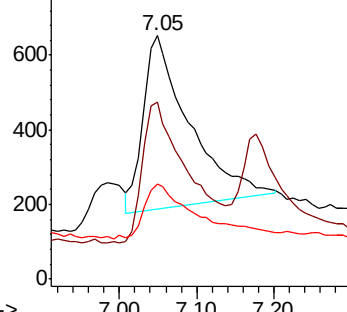
95 37.0 28.3 42.5

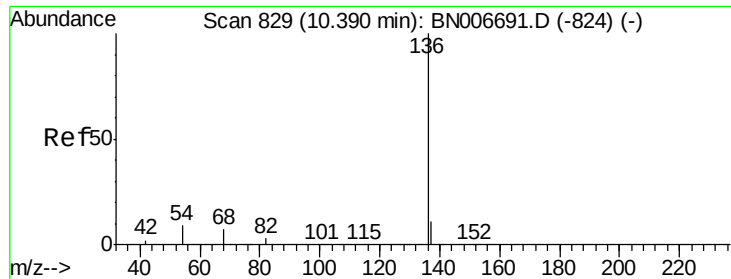


Abundance Ion 93.00 (92.70 to 93.70): BN006751.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006751.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006751.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

Tot Ion:136 Resp: 10128

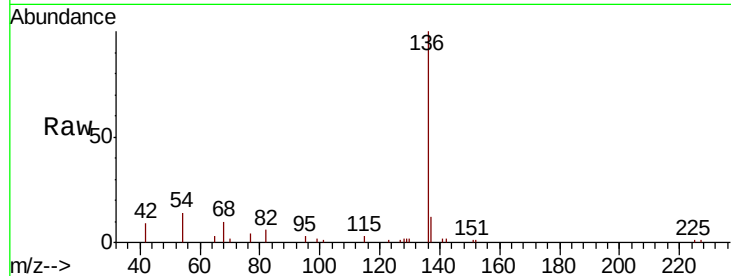
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 13.5 8.4 12.6#

68 9.8 6.8 10.2

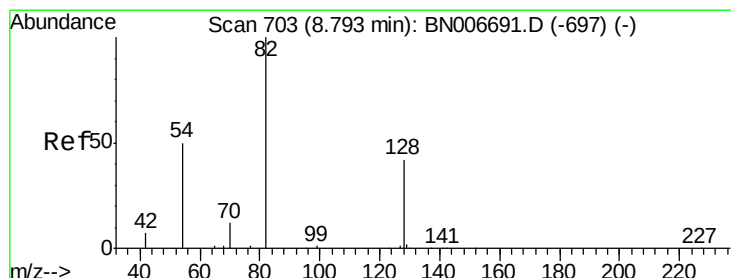
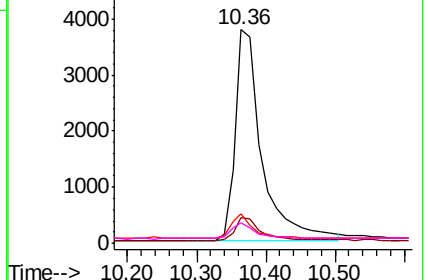
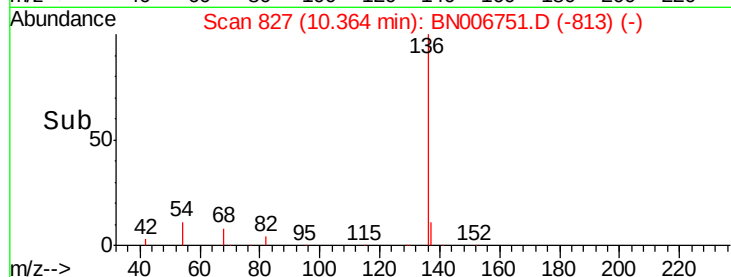


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.285 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

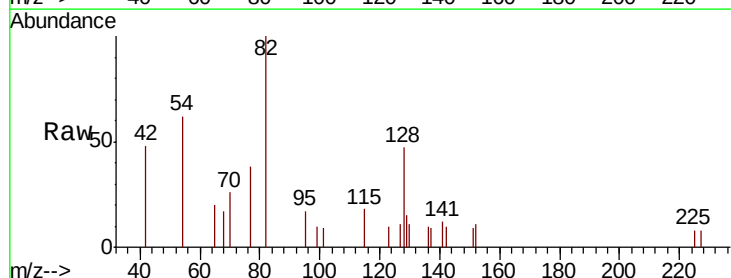
Tgt Ion: 82 Resp: 2216

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

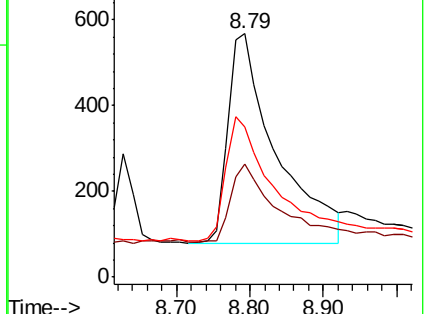
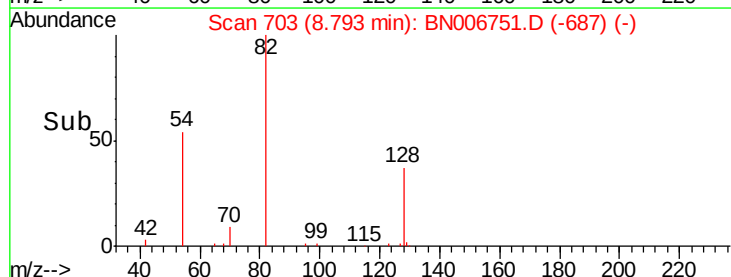
54 61.8 44.5 66.7

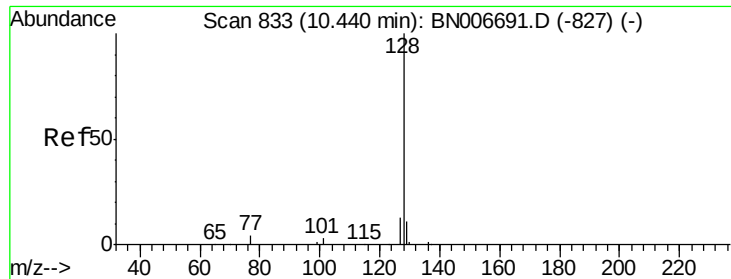


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.340 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

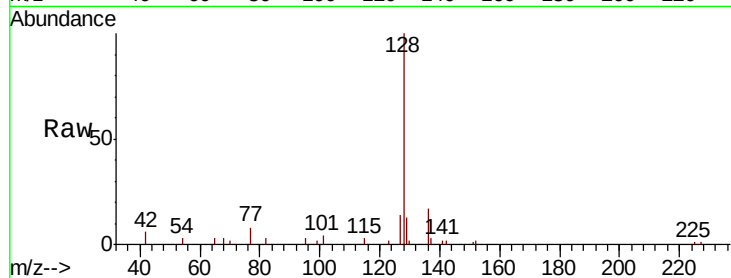
Tot Ion:128 Resp: 9429

Ion Ratio Lower Upper

128 100

129 12.7 9.6 14.4

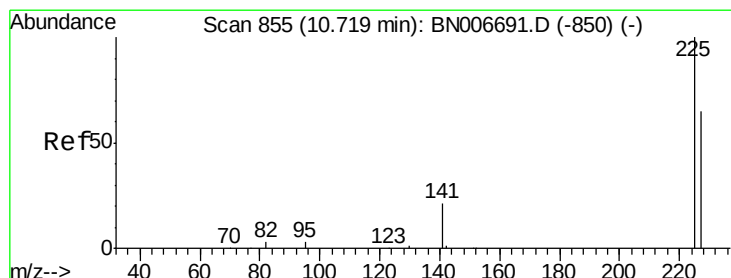
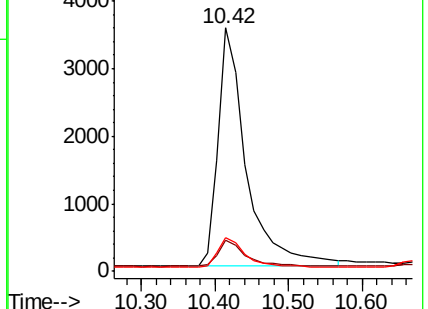
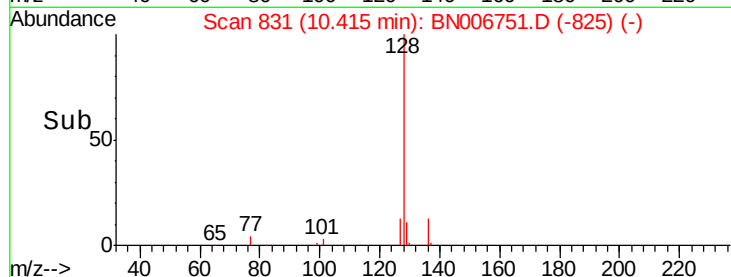
127 14.1 11.0 16.4



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: 0.335 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

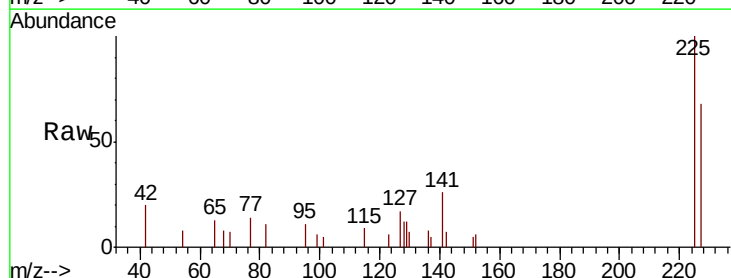
Tgt Ion:225 Resp: 1878

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

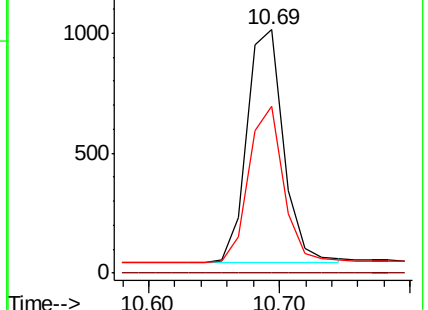
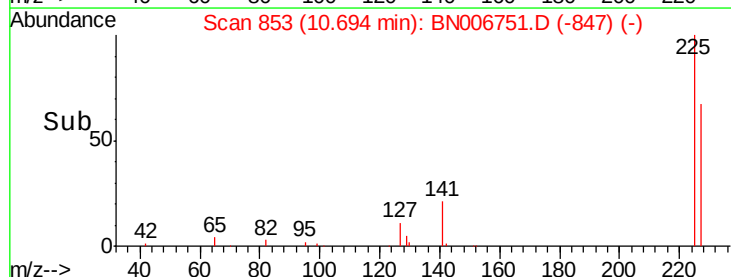
227 63.4 50.9 76.3

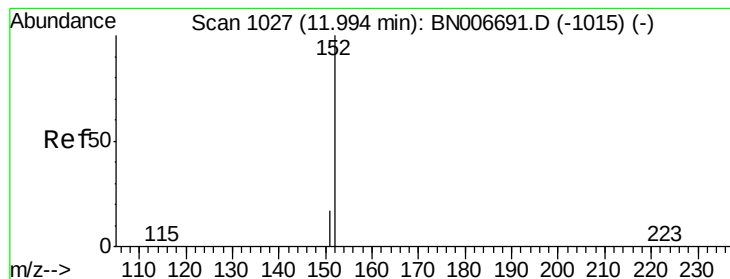


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.482 ng

RT: 11.98 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

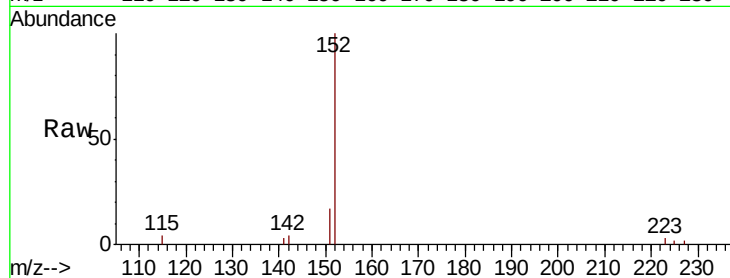
PB121057BS

Tot Ion:152 Resp: 7334

Ion Ratio Lower Upper

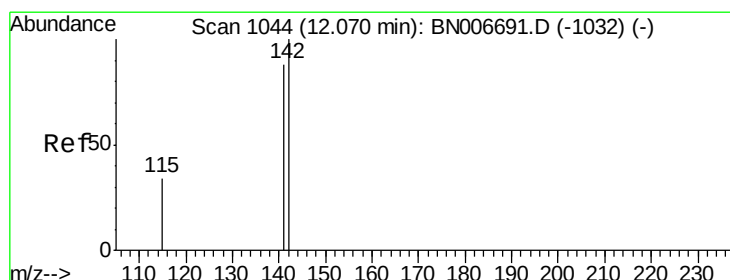
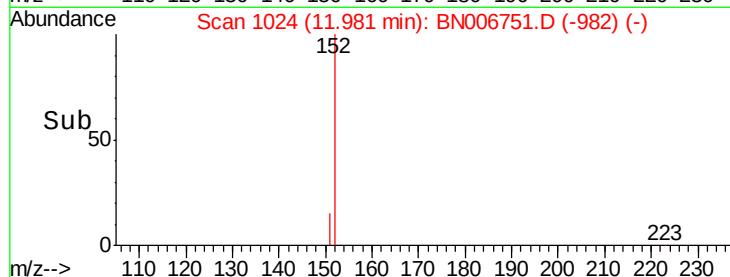
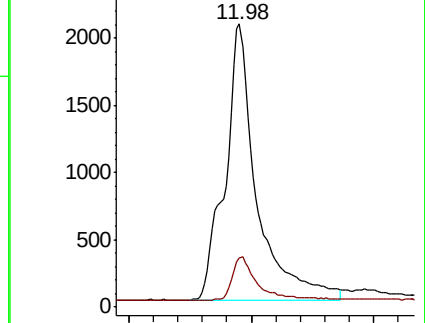
152 100

151 13.2 14.9 22.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.299 ng

RT: 12.05 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

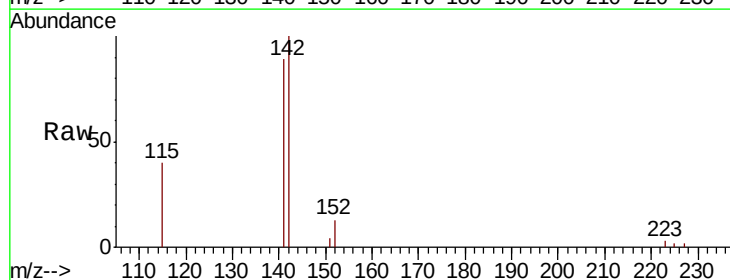
Tgt Ion:142 Resp: 6059

Ion Ratio Lower Upper

142 100

141 88.7 70.3 105.5

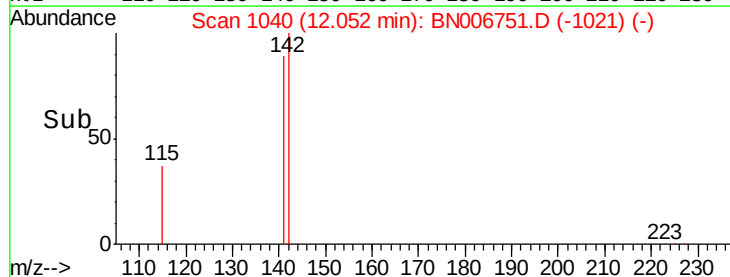
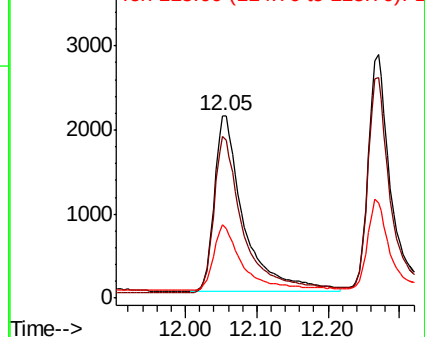
115 40.3 28.9 43.3

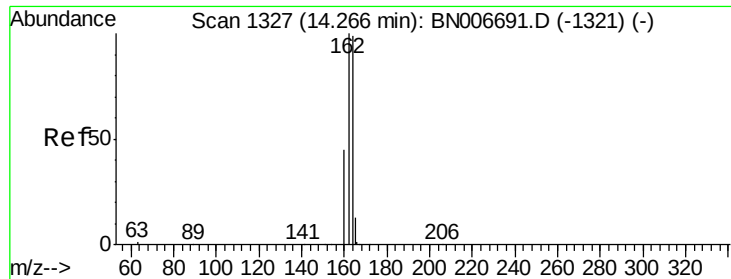


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

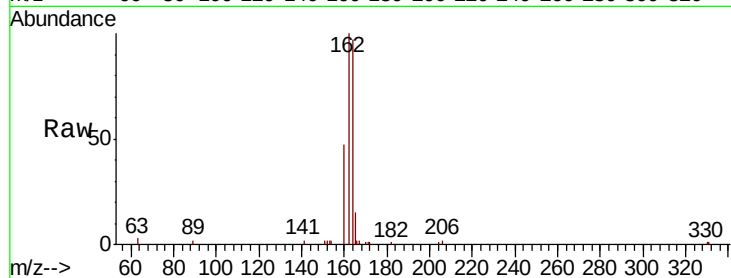
Tot Ion:164 Resp: 5621

Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

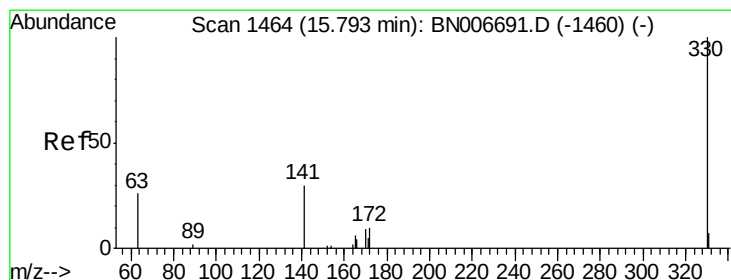
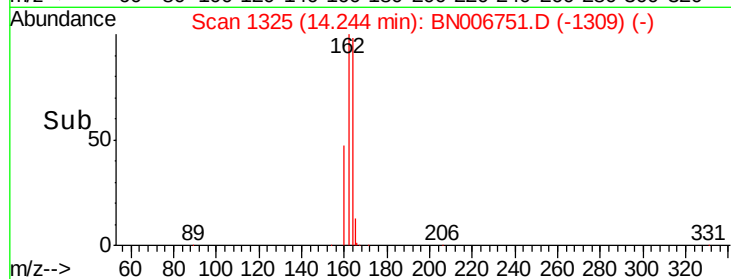
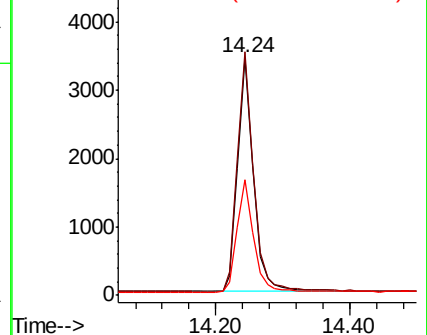
160 48.5 37.0 55.6



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: 0.261 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

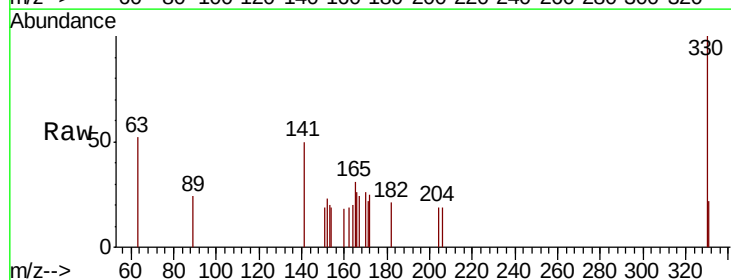
Tgt Ion:330 Resp: 721

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

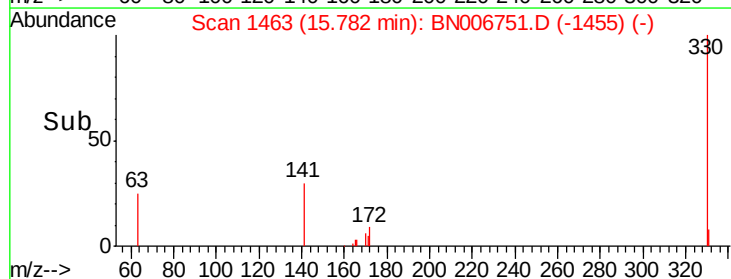
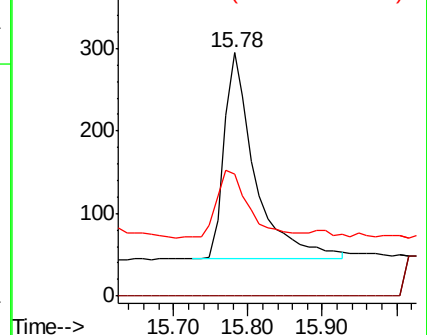
141 35.2 24.8 37.2

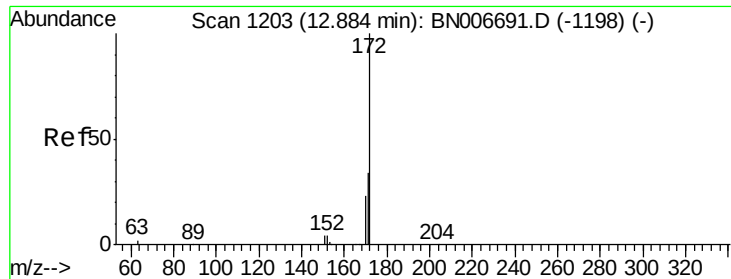


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

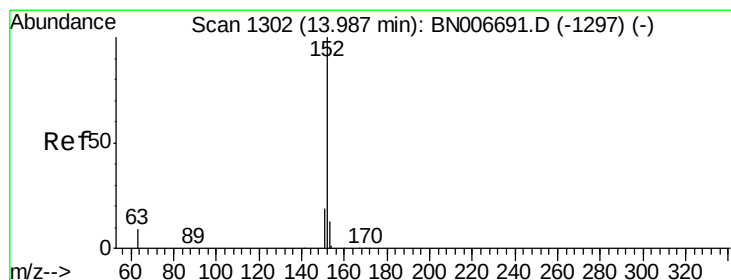
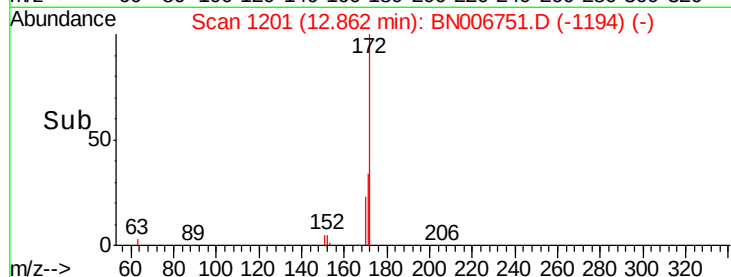
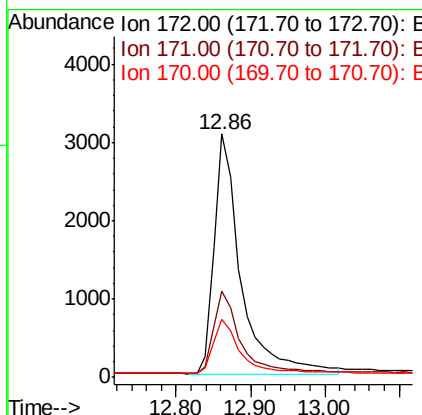
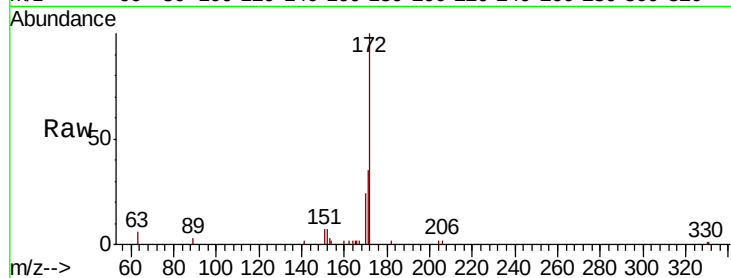




#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

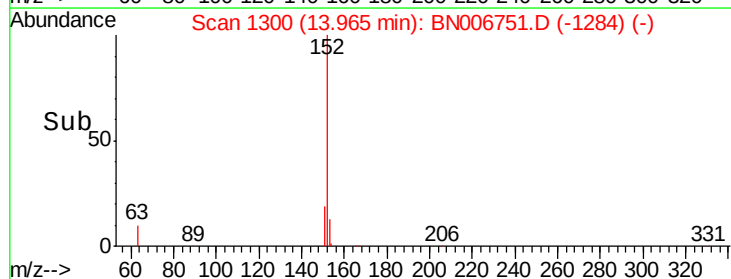
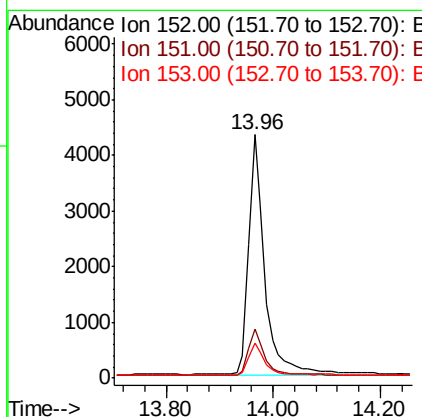
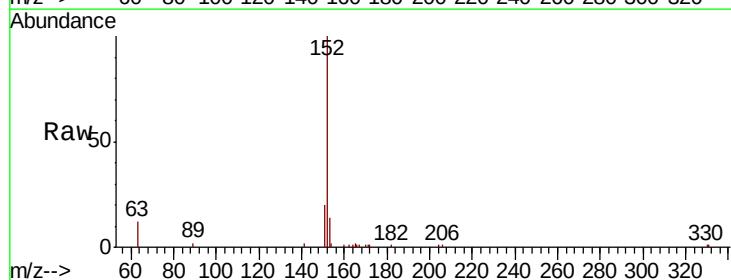
Instrument :
BNA_N
ClientSampleId :
PB121057BS

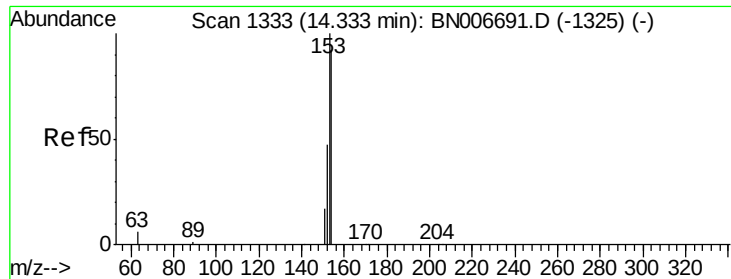
Tot Ion:172 Resp: 7685
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.1 18.9 28.3



#16
Acenaphthylene
Concen: 0.321 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:152 Resp: 8983
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.340 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

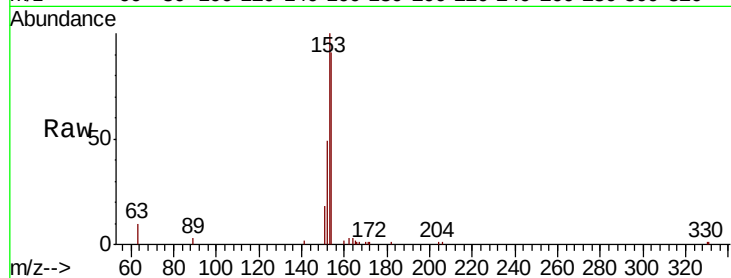
Tot Ion:154 Resp: 6069

Ion Ratio Lower Upper

154 100

153 113.6 88.9 133.3

152 55.0 42.8 64.2

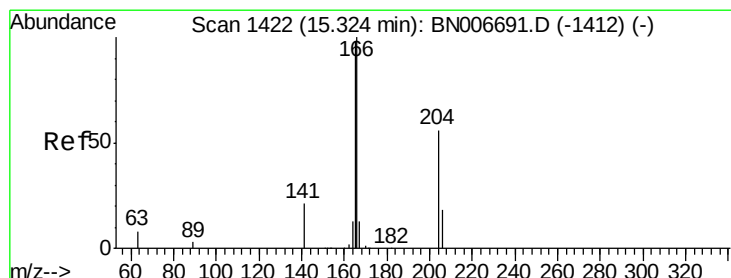
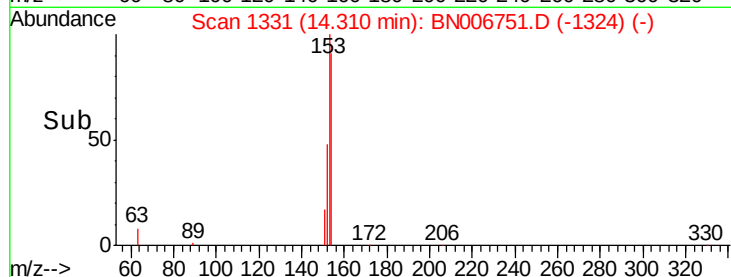
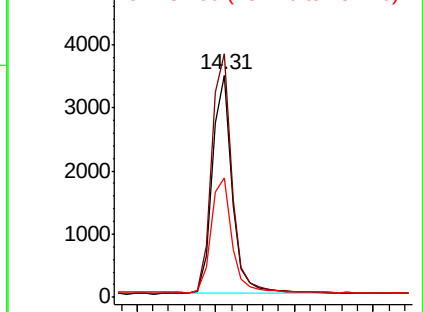


Abundance

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: 0.330 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

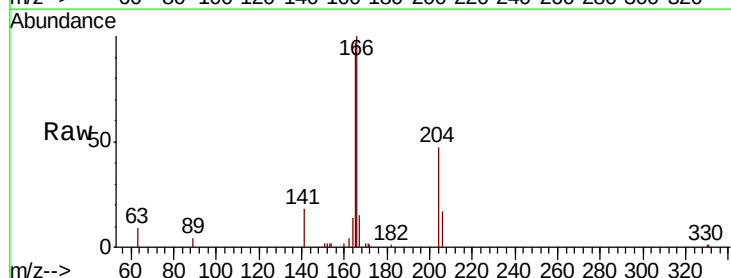
Tgt Ion:166 Resp: 7316

Ion Ratio Lower Upper

166 100

165 99.7 78.0 117.0

167 13.8 10.7 16.1

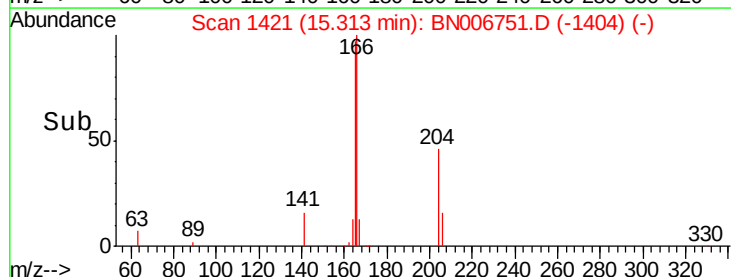
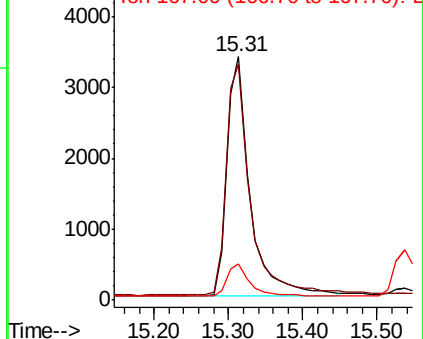


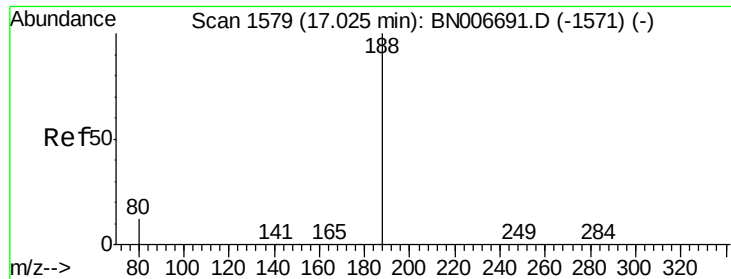
Abundance

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: 17.01 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

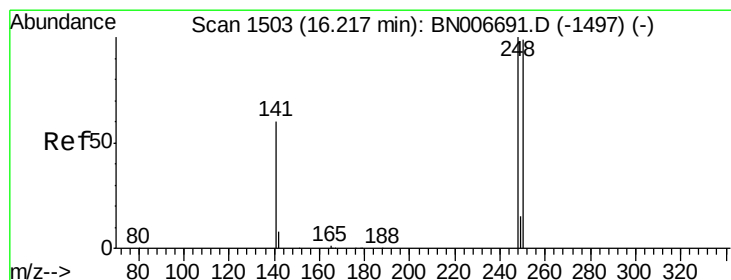
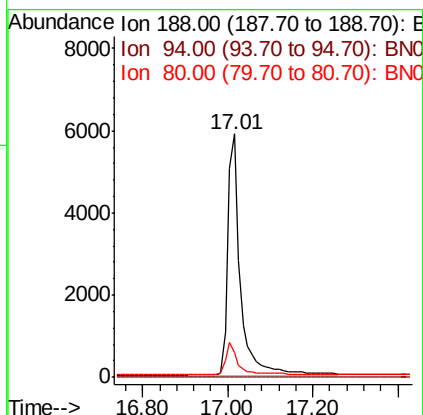
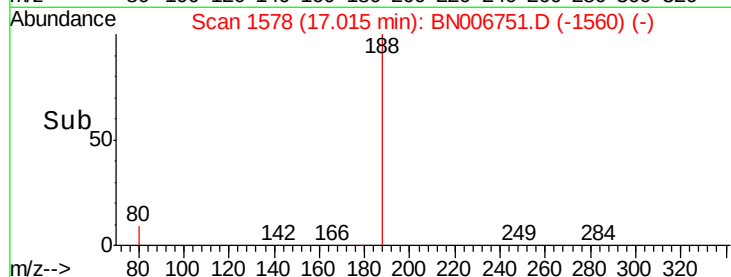
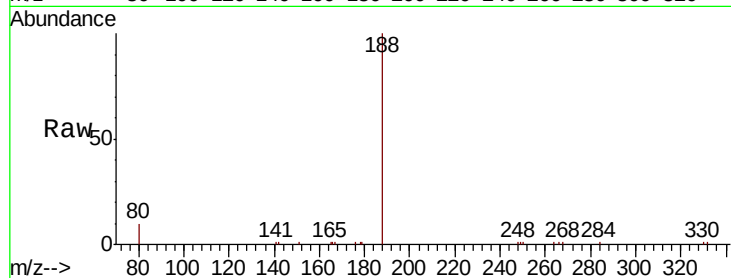
Tot Ion:188 Resp: 12315

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 10.3 15.5#



#20

4-Bromophenyl-phenylether

Concen: 0.312 ng

RT: 16.21 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

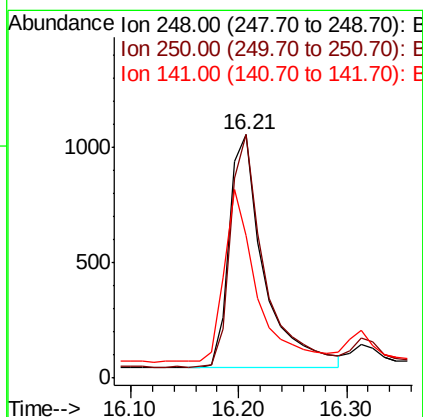
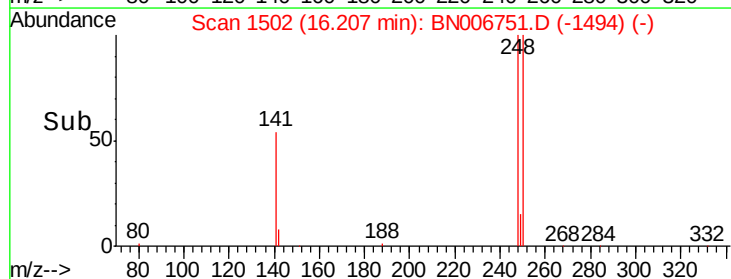
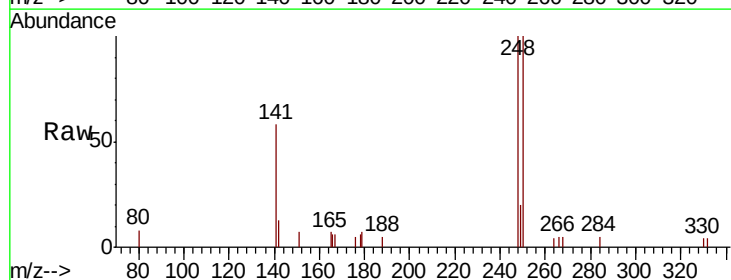
Tgt Ion:248 Resp: 2262

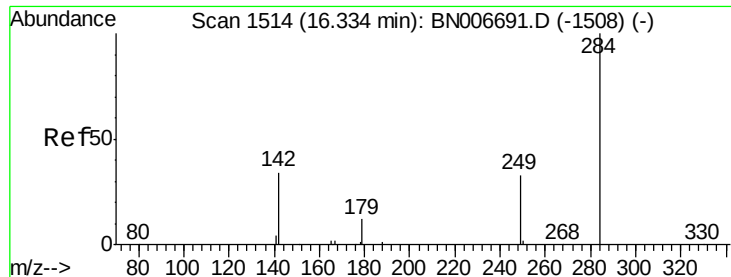
Ion Ratio Lower Upper

248 100

250 100.1 79.0 118.6

141 58.5 50.2 75.4





#21

Hexachlorobenzene

Concen: 0.352 ng

RT: 16.32 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

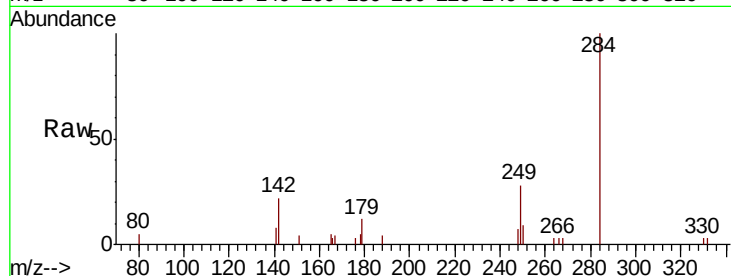
Tot Ion:284 Resp: 3041

Ion Ratio Lower Upper

284 100

142 34.7 26.9 40.3

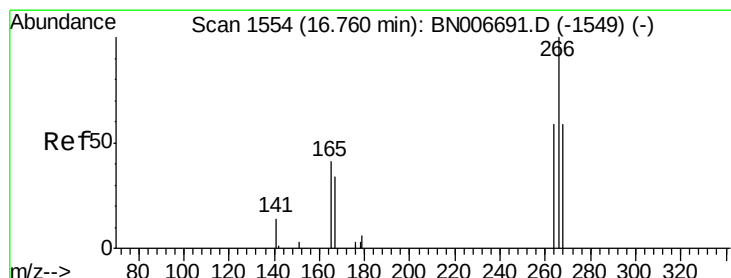
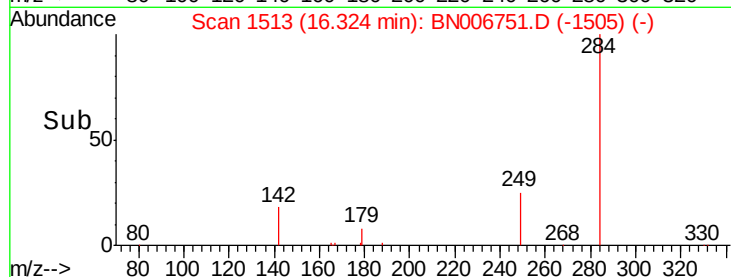
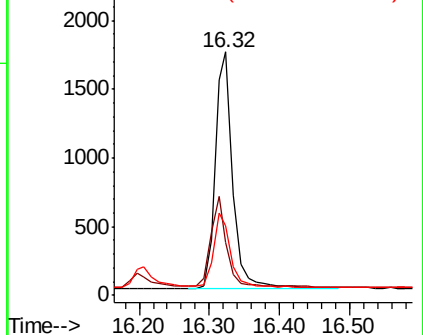
249 30.4 24.4 36.6



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: 0.322 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

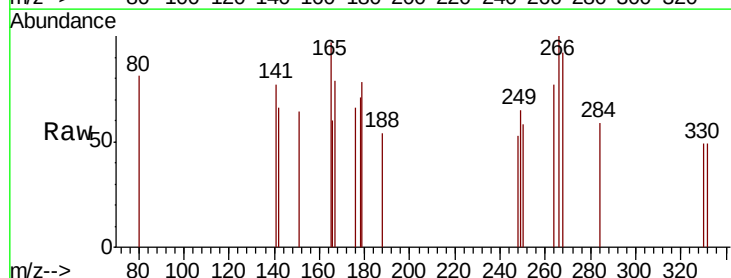
Tgt Ion:266 Resp: 246

Ion Ratio Lower Upper

266 100

264 76.9 57.6 86.4

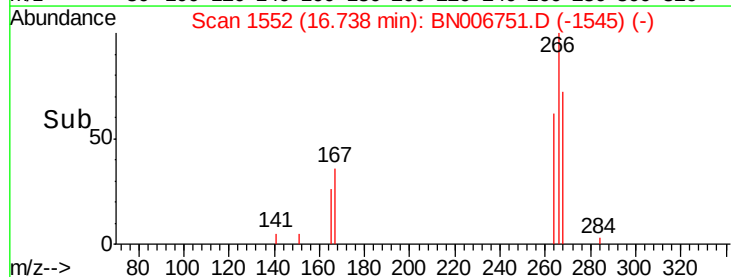
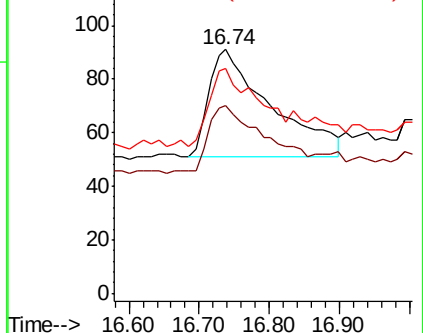
268 92.3 66.6 99.8

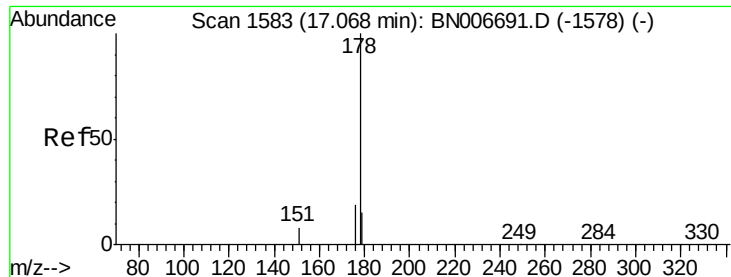


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.332 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

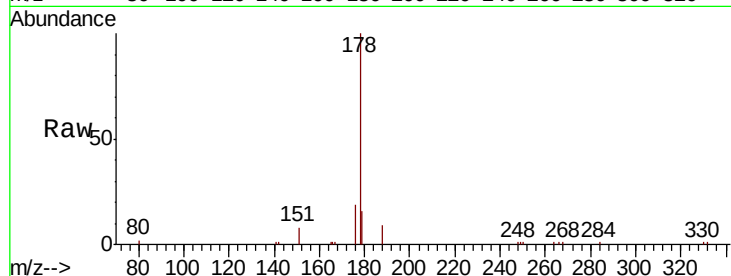
Tot Ion:178 Resp: 11768

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

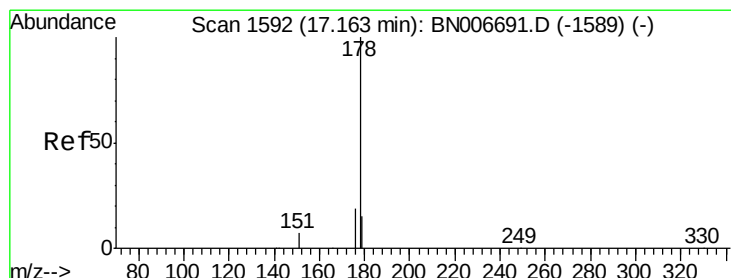
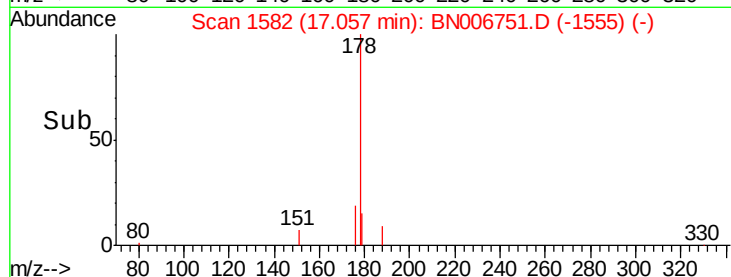
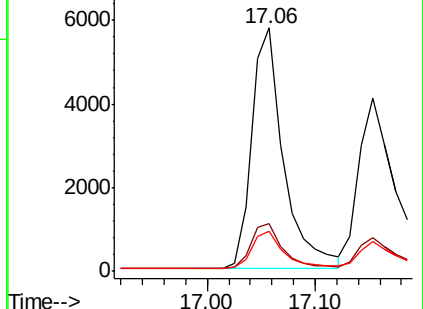
179 15.7 12.4 18.6



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: 0.304 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

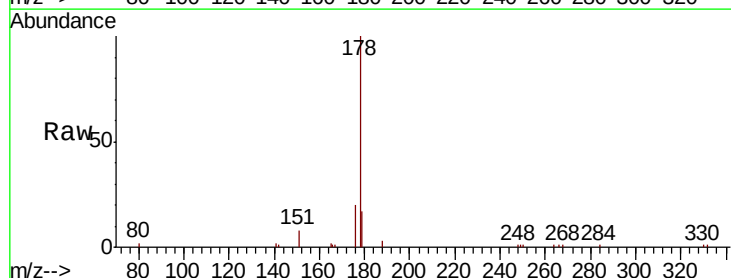
Tgt Ion:178 Resp: 9744

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

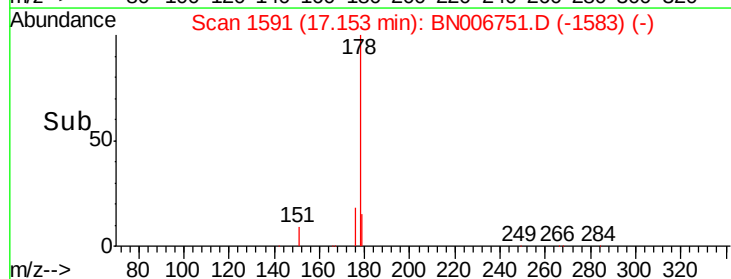
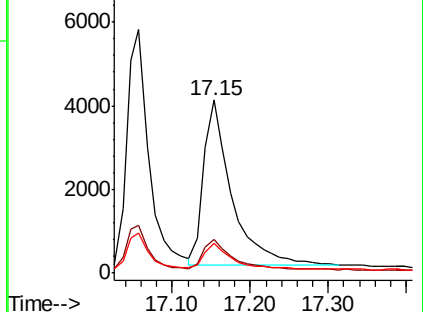
179 15.4 11.9 17.9

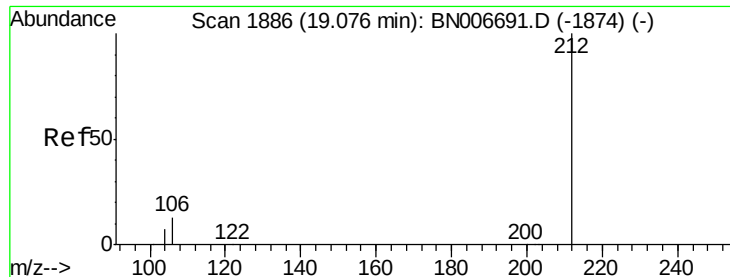


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.333 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

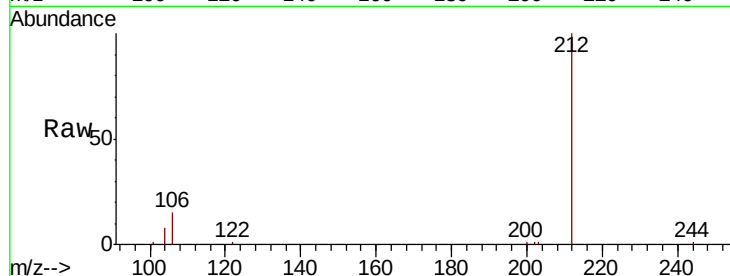
Tot Ion:212 Resp: 11735

Ion Ratio Lower Upper

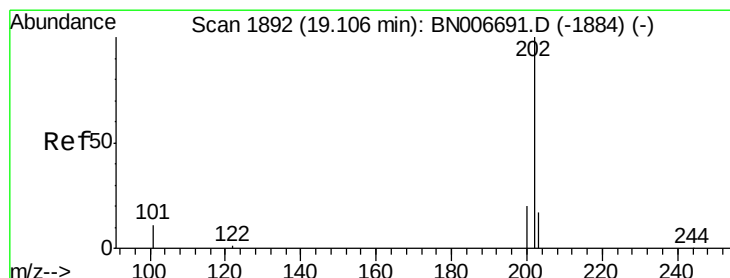
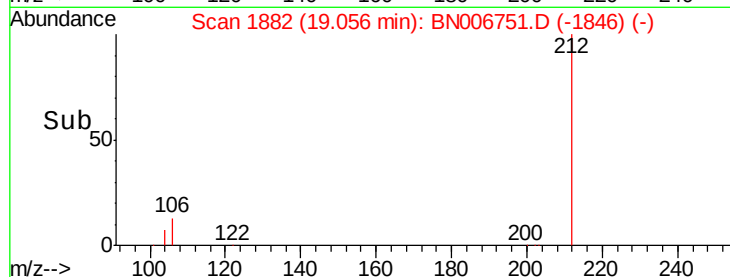
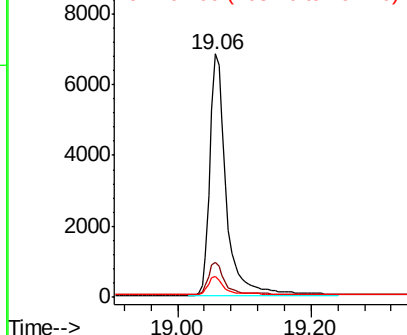
212 100

106 13.5 11.0 16.6

104 7.3 6.1 9.1



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: 0.342 ng

RT: 19.09 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

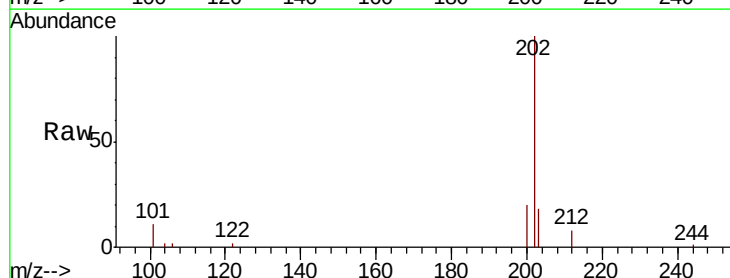
Tgt Ion:202 Resp: 14257

Ion Ratio Lower Upper

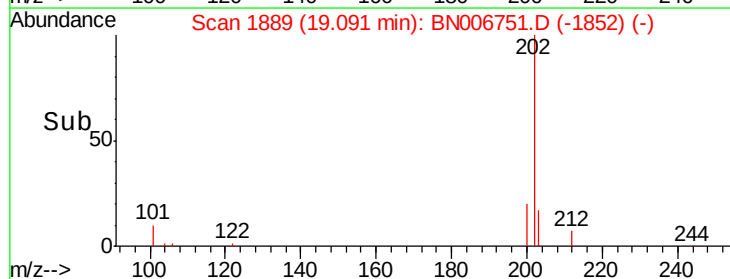
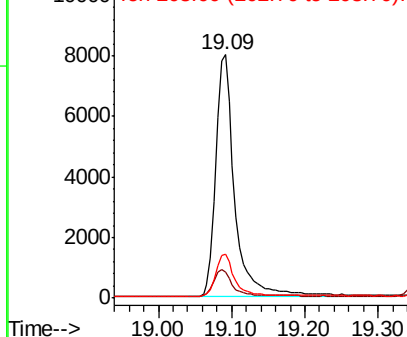
202 100

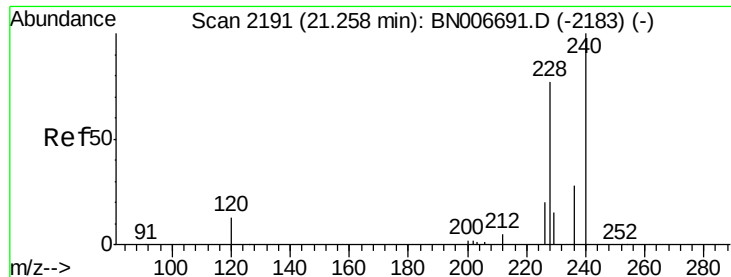
101 11.3 8.7 13.1

203 17.3 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

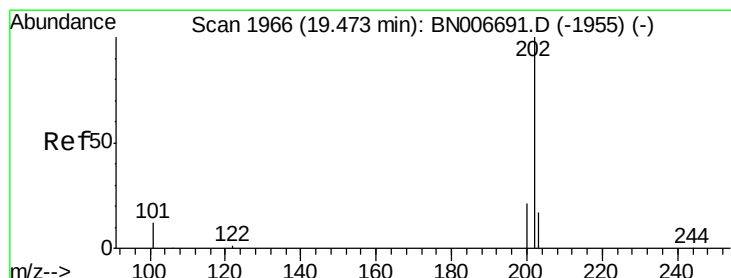
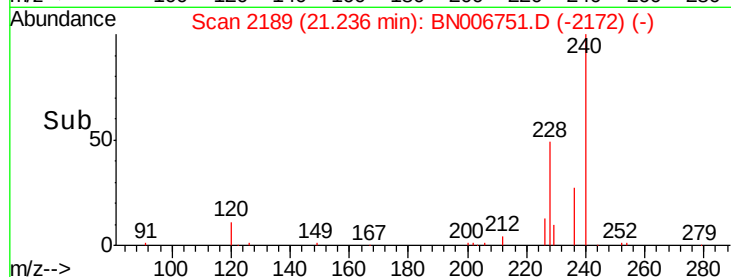
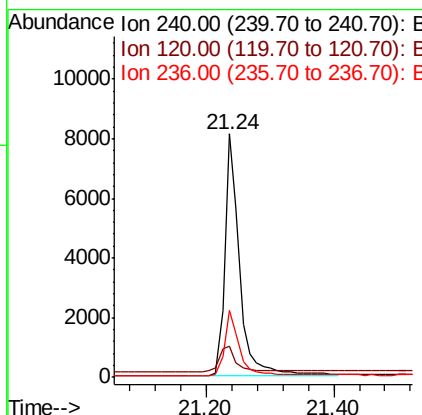
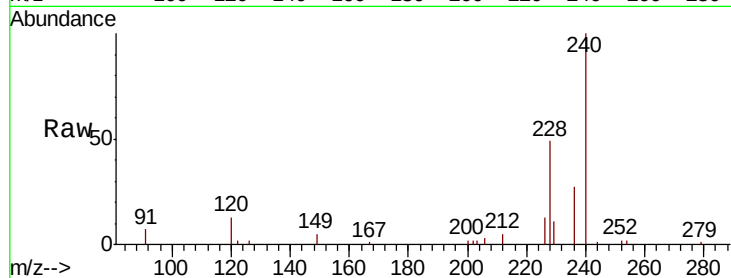




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BN006751.D
 Acq: 08 Jul 2019 10:53

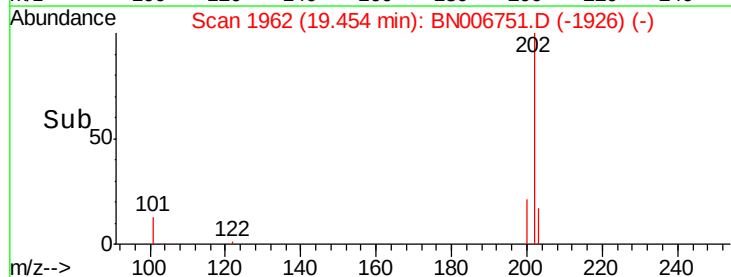
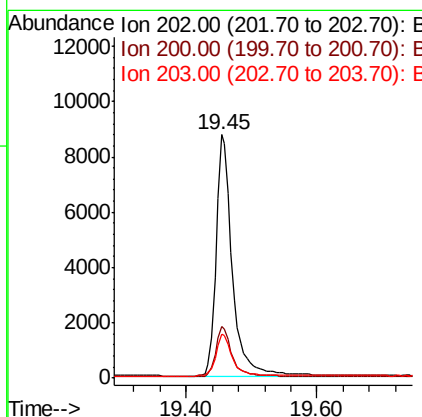
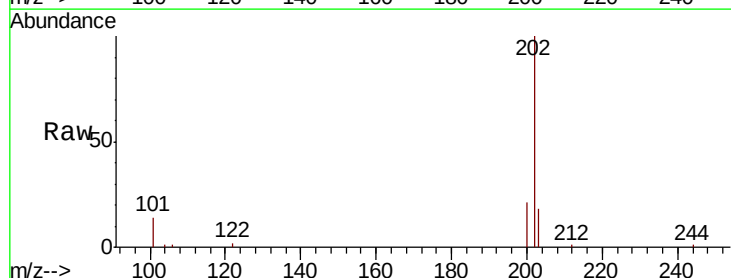
Instrument :
 BNA_N
 ClientSampleId :
 PB121057BS

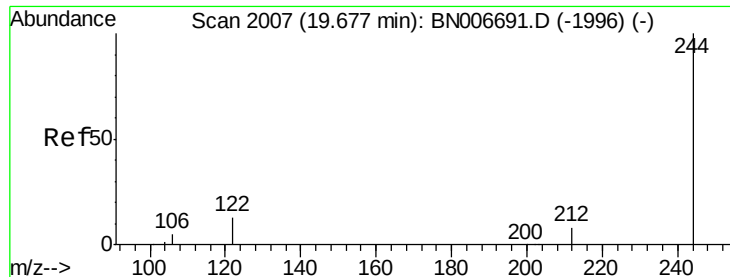
Tot Ion:240 Resp: 13037
 Ion Ratio Lower Upper
 240 100
 120 12.9 12.9 19.3#
 236 27.5 23.2 34.8



#28
 Pyrene
 Concen: 0.289 ng
 RT: 19.45 min Scan# 1962
 Delta R.T. -0.02 min
 Lab File: BN006751.D
 Acq: 08 Jul 2019 10:53

Tgt Ion:202 Resp: 15091
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.8 25.2
 203 17.7 14.2 21.2





#29

Terphenyl-d14

Concen: 0.279 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

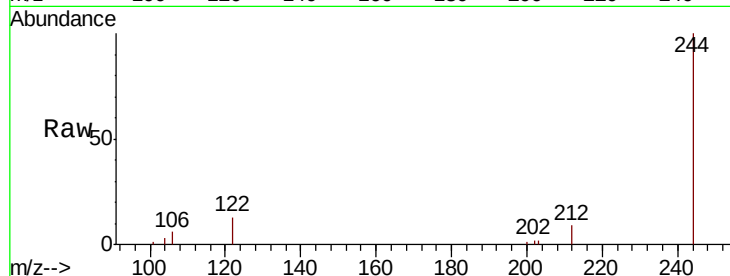
Tot Ion:244 Resp: 8383

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

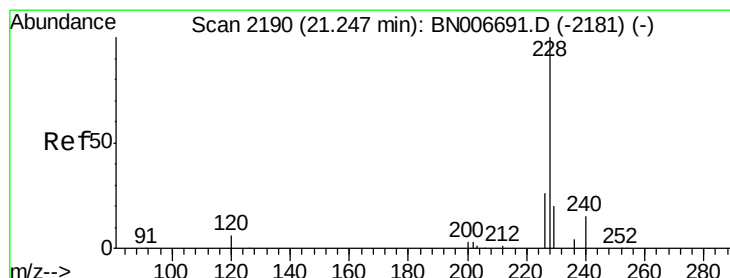
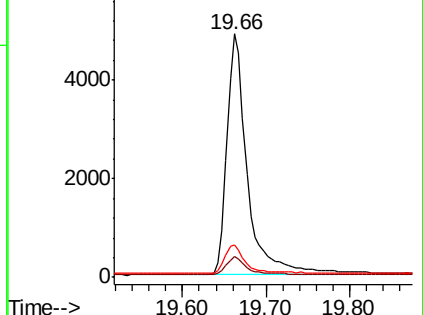
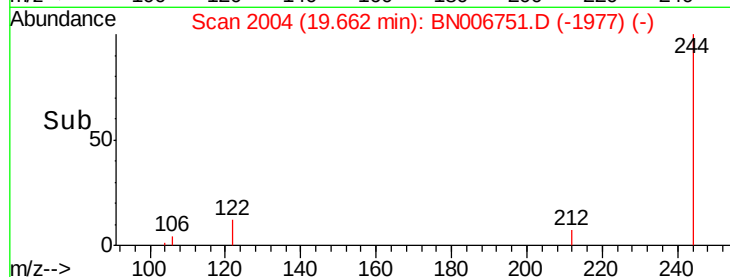
122 13.4 11.5 17.3



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: 0.299 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

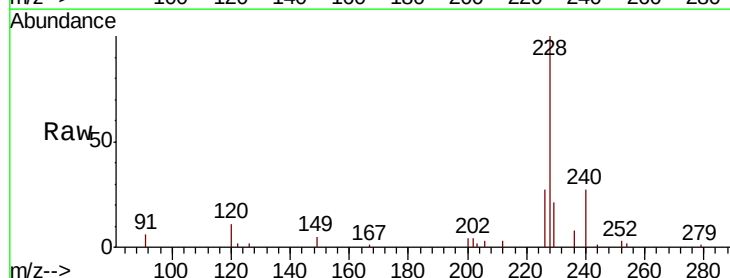
Tgt Ion:228 Resp: 13463

Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

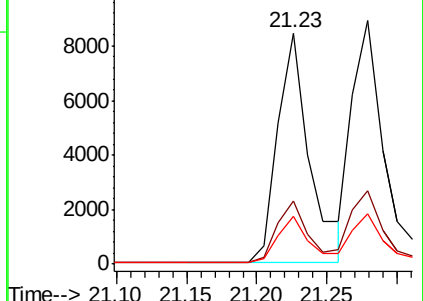
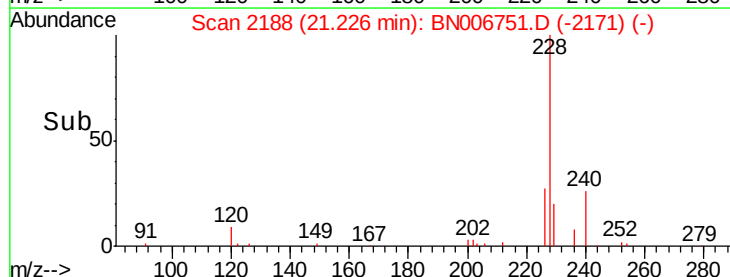
229 20.6 16.2 24.4

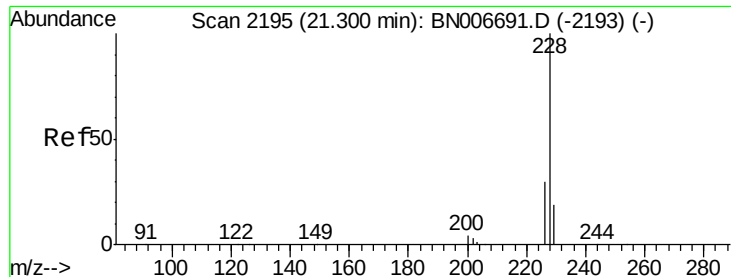


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.298 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

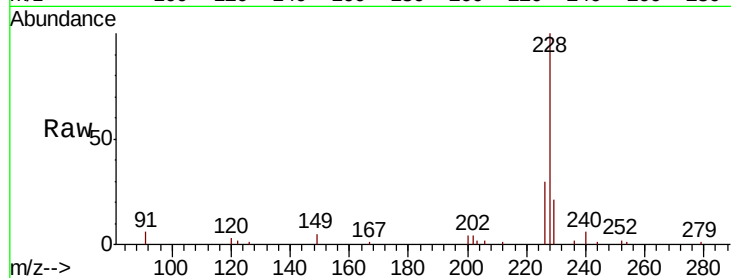
Tot Ion:228 Resp: 13800

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

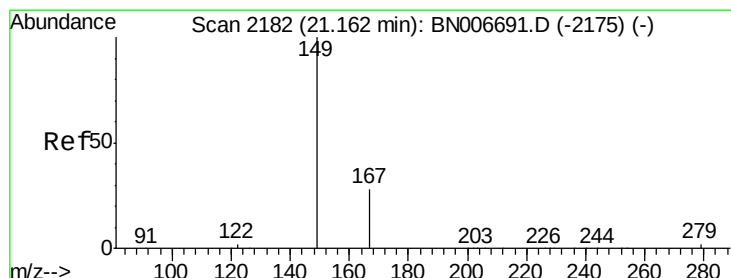
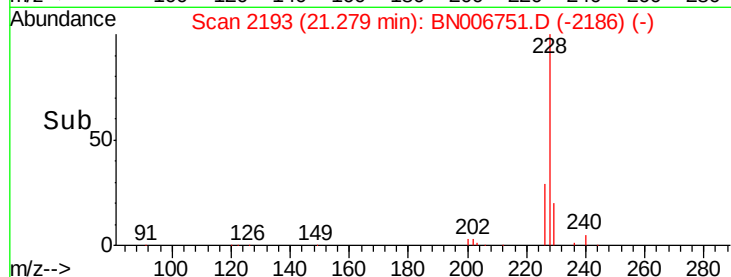
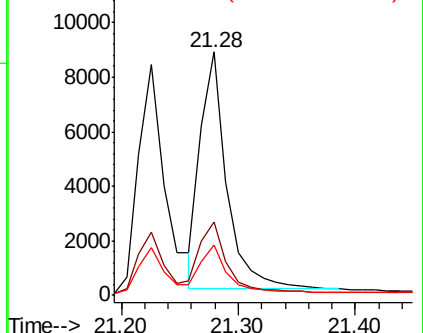
229 20.6 15.8 23.6



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: 0.043 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

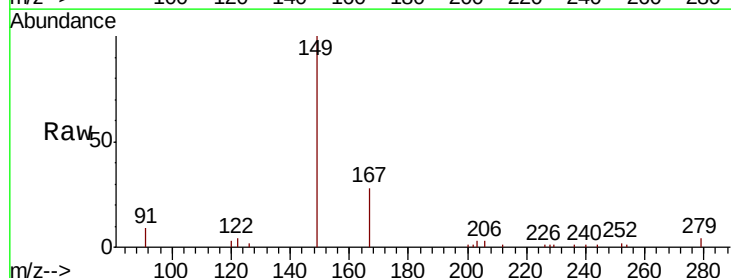
Tgt Ion:149 Resp: 5759

Ion Ratio Lower Upper

149 100

167 28.2 22.9 34.3

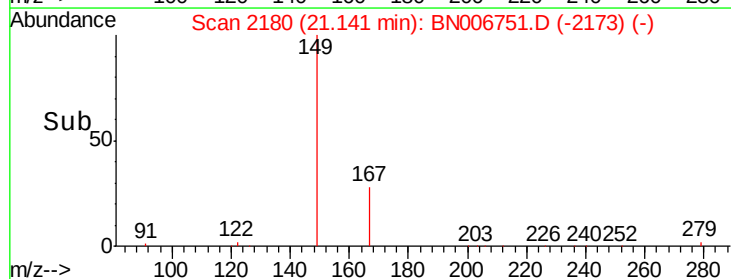
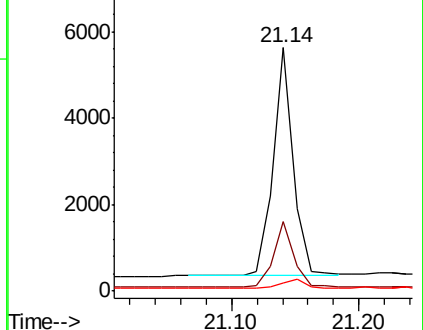
279 4.4 3.2 4.8

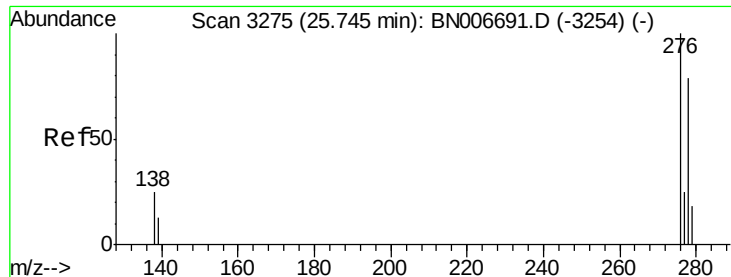


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.357 ng

RT: 25.70 min Scan# 3263

Delta R.T. -0.04 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

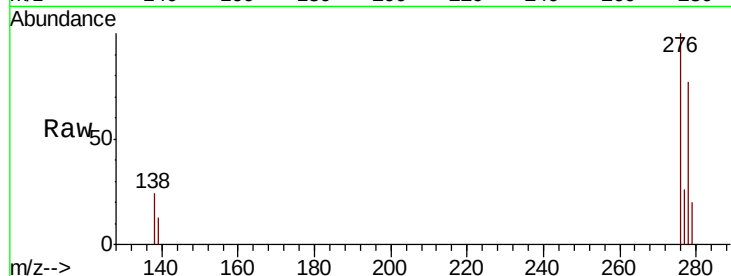
Tot Ion:276 Resp: 19769

Ion Ratio Lower Upper

276 100

138 22.2 19.5 29.3

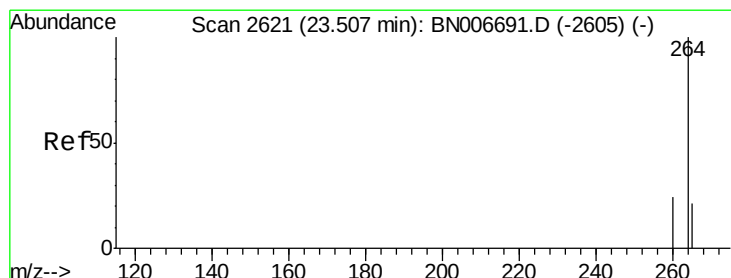
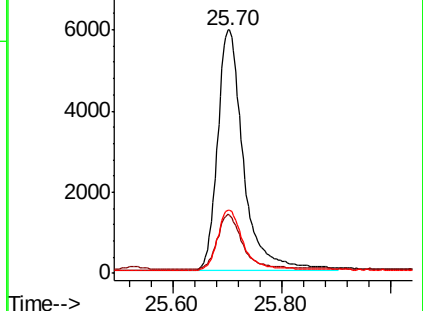
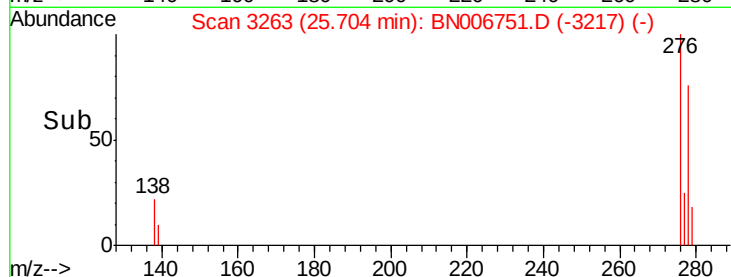
277 24.8 19.7 29.5



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: 23.47 min Scan# 2610

Delta R.T. -0.04 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

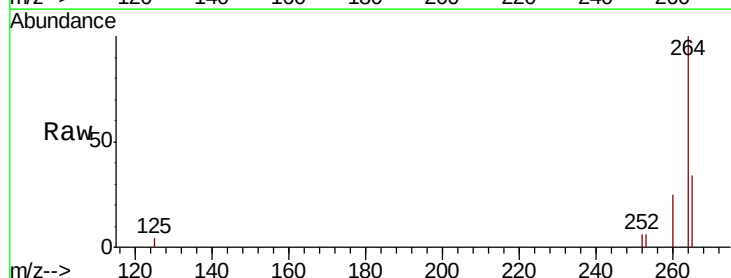
Tgt Ion:264 Resp: 14263

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

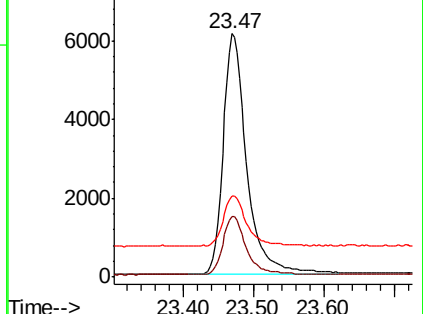
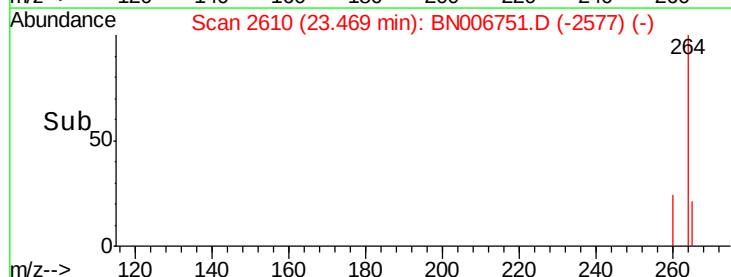
265 33.5 33.7 50.5#

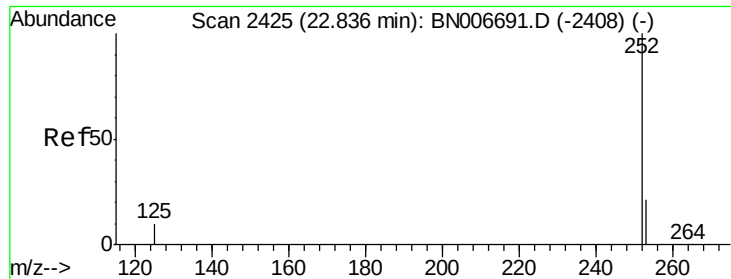


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

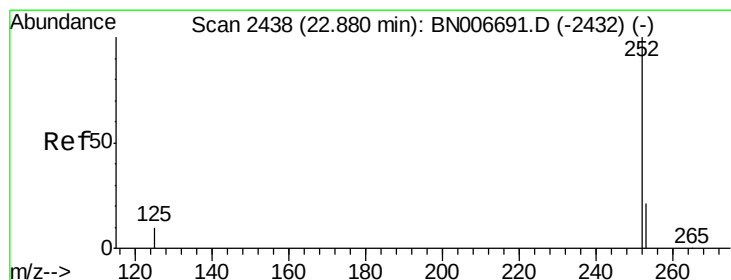
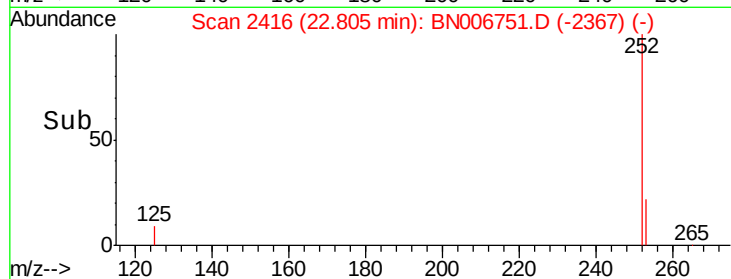
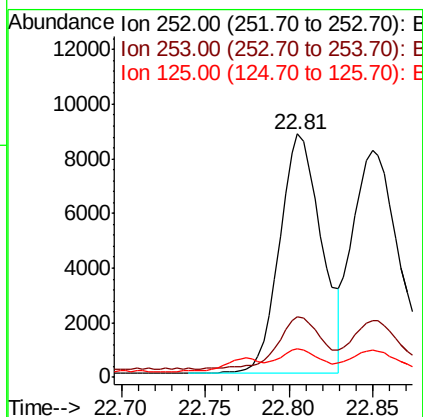
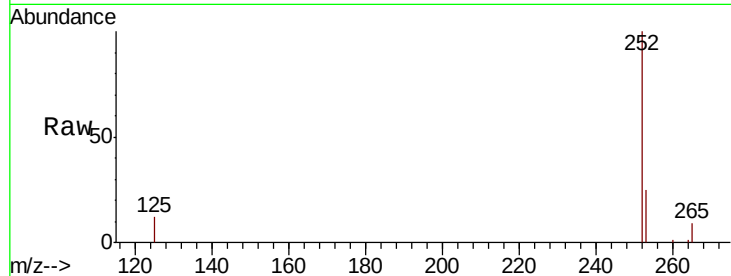




#35
Benzo(b)fluoranthene
Concen: 0.331 ng
RT: 22.81 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

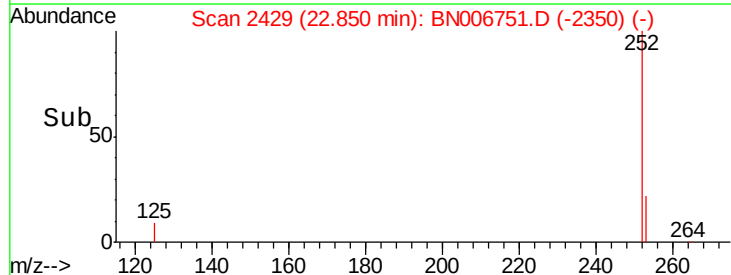
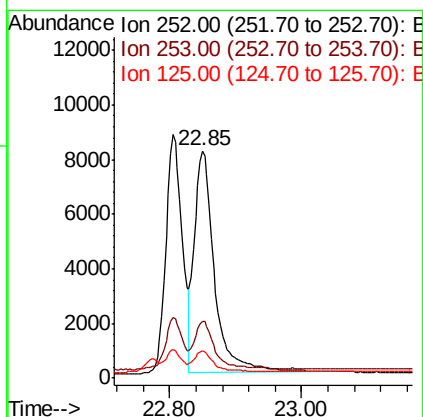
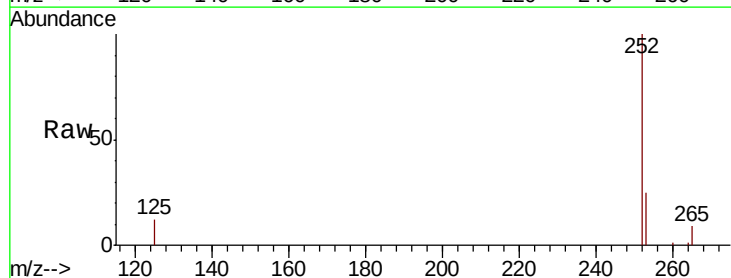
Instrument :
BNA_N
ClientSampleId :
PB121057BS

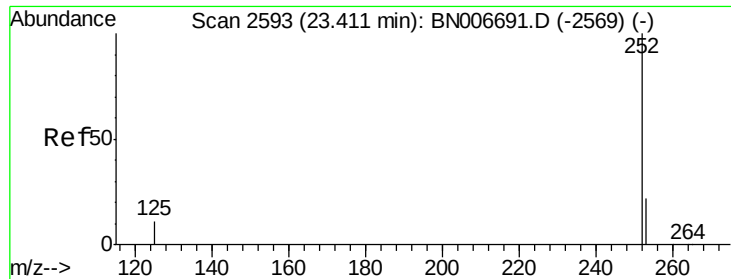
Tot Ion:252 Resp: 15165
Ion Ratio Lower Upper
252 100
253 24.9 20.2 30.2
125 11.6 11.5 17.3



#36
Benzo(k)fluoranthene
Concen: 0.351 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.03 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:252 Resp: 17447
Ion Ratio Lower Upper
252 100
253 25.0 20.1 30.1
125 11.9 11.4 17.0





#37

Benzo(a)pyrene

Concen: 0.358 ng

RT: 23.38 min Scan# 2583

Delta R.T. -0.03 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

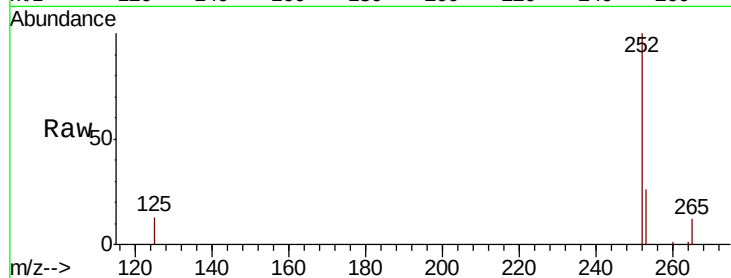
Tot Ion:252 Resp: 15862

Ion Ratio Lower Upper

252 100

253 26.2 21.4 32.2

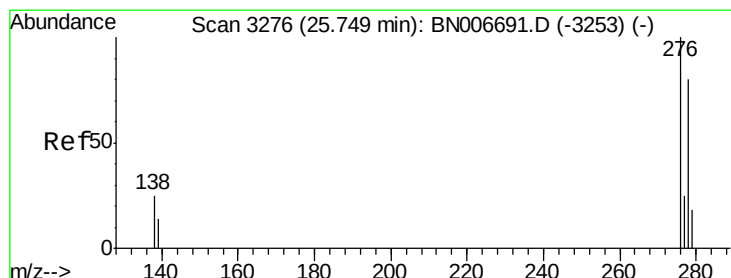
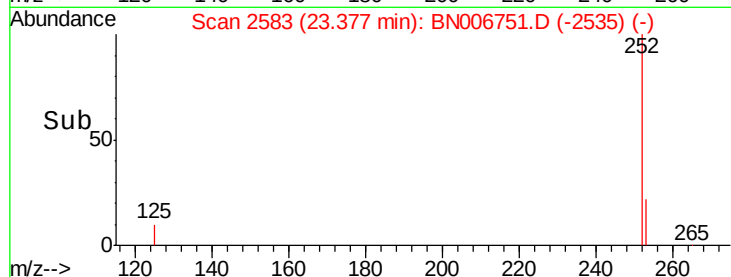
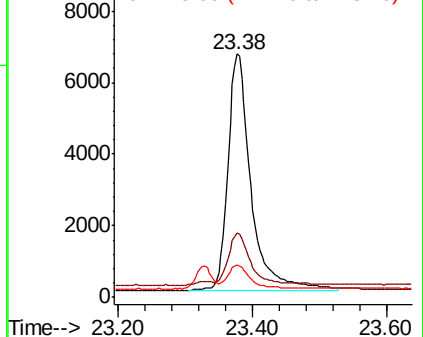
125 13.4 13.3 19.9



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: 0.350 ng

RT: 25.71 min Scan# 3264

Delta R.T. -0.04 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

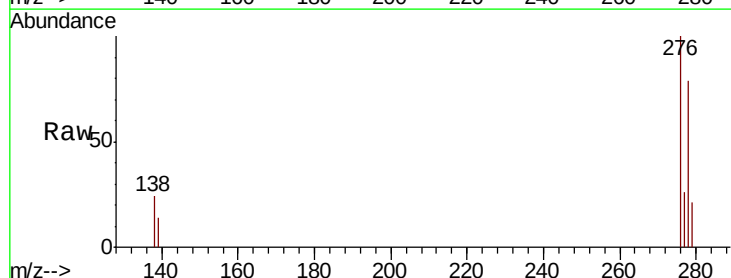
Tgt Ion:278 Resp: 15434

Ion Ratio Lower Upper

278 100

139 17.5 16.2 24.4

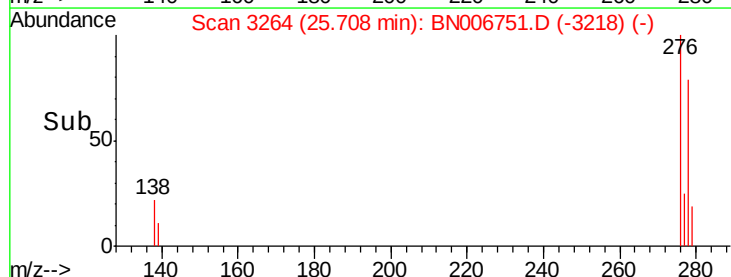
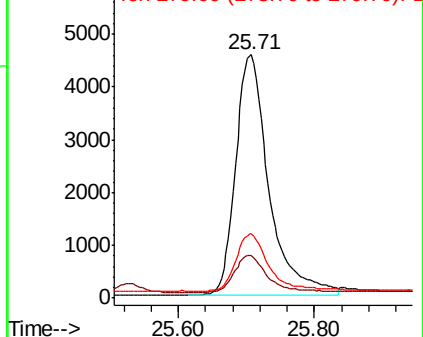
279 26.3 20.7 31.1

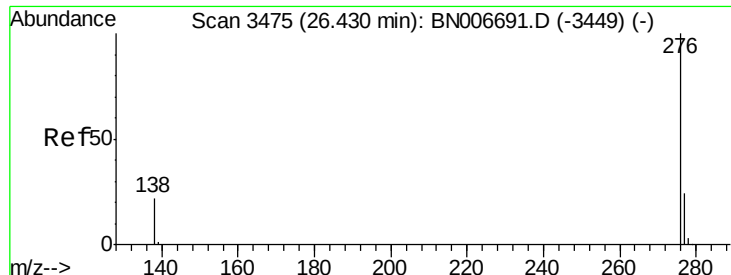


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.380 ng

RT: 26.39 min Scan# 3462

Delta R.T. -0.04 min

Lab File: BN006751.D

Acq: 08 Jul 2019 10:53

Instrument :

BNA_N

ClientSampleId :

PB121057BS

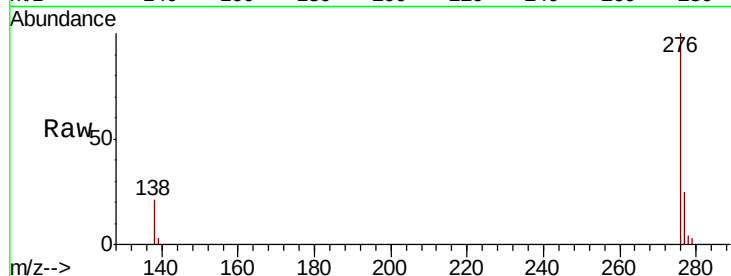
Tot Ion:276 Resp: 17252

Ion Ratio Lower Upper

276 100

277 25.0 20.6 30.8

138 21.3 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

