

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
 Data File : BN006753.D
 Acq On : 08 Jul 2019 12:02
 Operator : HP/JU
 Sample : PB121176BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121176BS

Quant Time: Jul 09 03:09:21 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	2572	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	9850	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	5402	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	11899	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	12999	0.40	ng	-0.02
34) Perylene-d12	23.47	264	14223	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1996	0.29	ng	0.00
5) Phenol-d6	6.83	99	2568	0.29	ng	0.00
8) Nitrobenzene-d5	8.79	82	2134	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	7122	0.48	ng	-0.01
14) 2,4,6-Tribromophenol	15.78	330	701	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	7345	0.35	ng	-0.02
25) Fluoranthene-d10	19.06	212	11468	0.34	ng	-0.02
29) Terphenyl-d14	19.66	244	8211	0.27	ng	-0.01

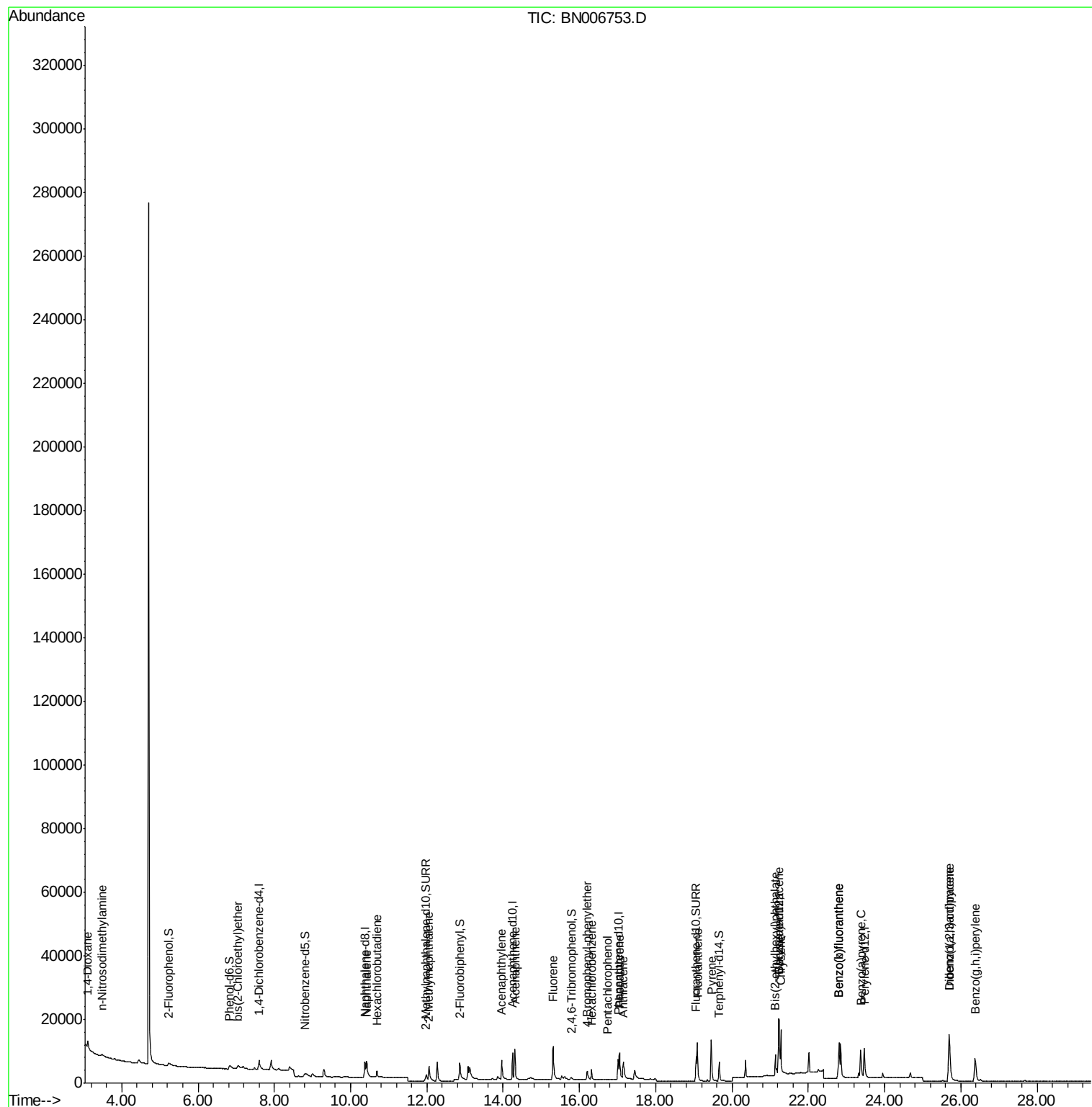
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	1476	0.367	ng	# 19
3) n-Nitrosodimethylamine	3.48	42	889	0.293	ng	# 89
6) bis(2-Chloroethyl)ether	7.05	93	1952	0.261	ng	97
9) Naphthalene	10.41	128	9200	0.341	ng	99
10) Hexachlorobutadiene	10.69	225	1843	0.338	ng	# 100
12) 2-Methylnaphthalene	12.06	142	5900	0.300	ng	98
16) Acenaphthylene	13.96	152	8745	0.325	ng	100
17) Acenaphthene	14.31	154	5816	0.339	ng	96
18) Fluorene	15.31	166	7043	0.330	ng	100
20) 4-Bromophenyl-phenylether	16.21	248	2153	0.307	ng	97
21) Hexachlorobenzene	16.32	284	2975	0.357	ng	99
22) Pentachlorophenol	16.74	266	254	0.337	ng	92
23) Phenanthrene	17.06	178	11263	0.328	ng	99
24) Anthracene	17.15	178	9342	0.301	ng	99
26) Fluoranthene	19.09	202	13953	0.346	ng	100
28) Pyrene	19.46	202	14679	0.282	ng	100
30) Benzo(a)anthracene	21.23	228	12402	0.277	ng	100
31) Chrysene	21.28	228	14603	0.316	ng	99
32) Bis(2-ethylhexyl)phthalate	21.14	149	5671	0.042	ng	98
33) Indeno(1,2,3-cd)pyrene	25.70	276	19752	0.357	ng	98
35) Benzo(b)fluoranthene	22.80	252	15022	0.329	ng	98
36) Benzo(k)fluoranthene	22.80	252	15022	0.303	ng	98
37) Benzo(a)pyrene	23.38	252	15250	0.345	ng	# 96
38) Dibenzo(a,h)anthracene	25.70	278	15821	0.360	ng	97
39) Benzo(g,h,i)perylene	26.38	276	17221	0.381	ng	96

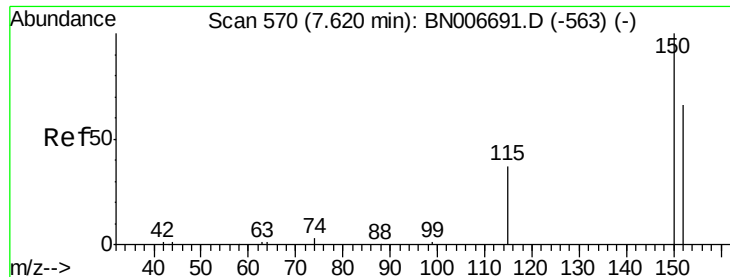
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
Data File : BN006753.D
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Sample : PB121176BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Quant Time: Jul 08 12:36:48 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



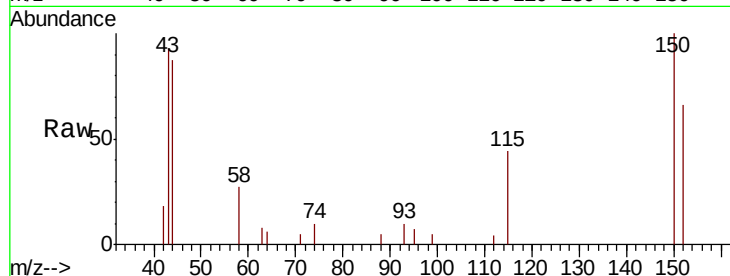


#1

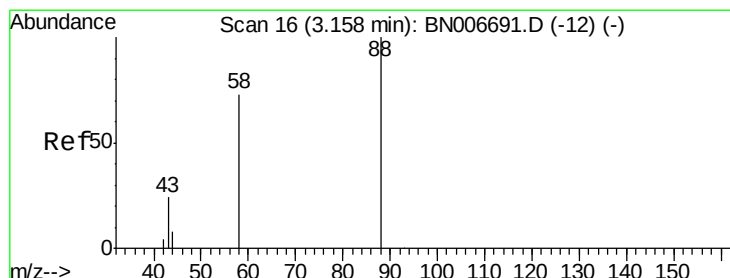
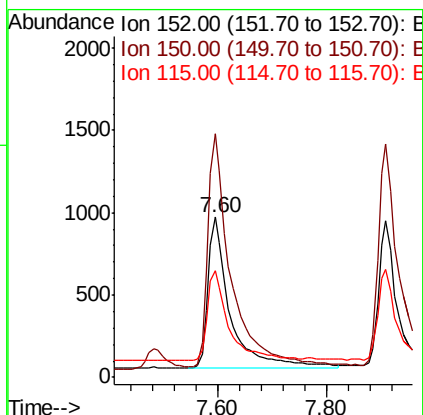
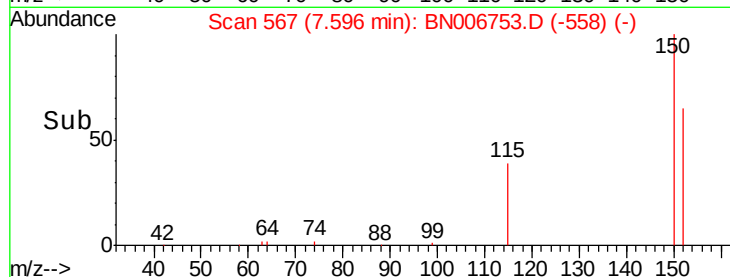
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion: 152 Resp: 2572
Ion Ratio Lower Upper
152 100
150 151.8 120.6 181.0
115 66.8 51.0 76.6



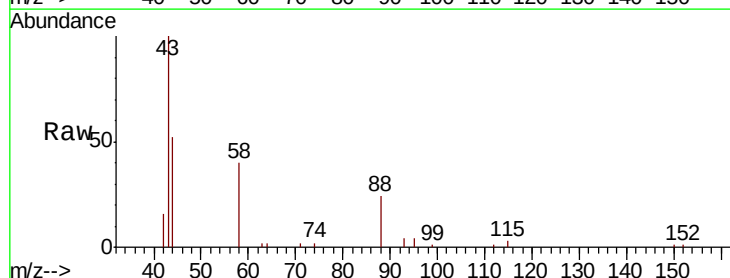
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



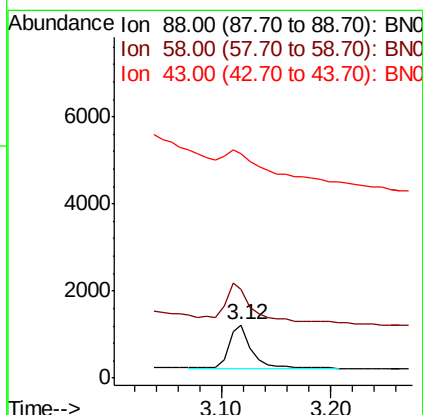
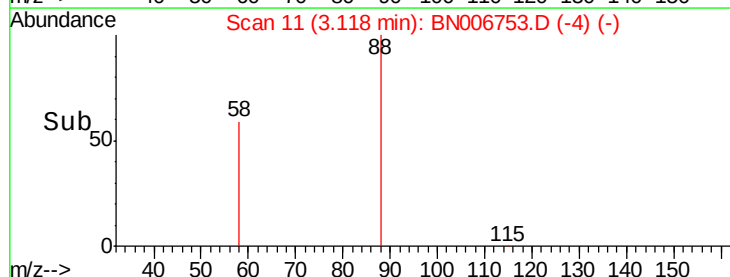
#2

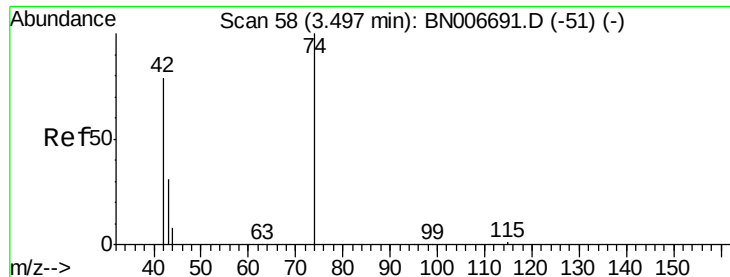
1,4-Dioxane
Concen: 0.367 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion: 88 Resp: 1476
Ion Ratio Lower Upper
88 100
58 115.1 61.1 91.7#
43 133.4 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: 0.293 ng

RT: 3.48 min Scan# 56

Delta R.T. -0.02 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

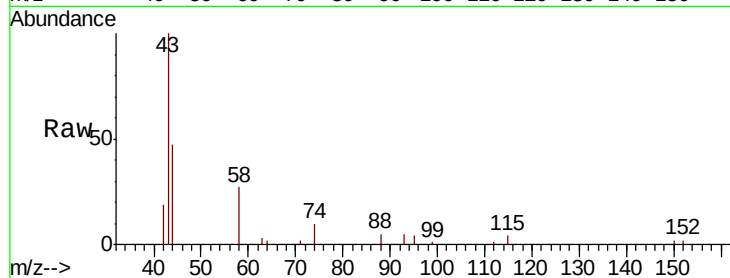
Tgt Ion: 42 Resp: 889

Ion Ratio Lower Upper

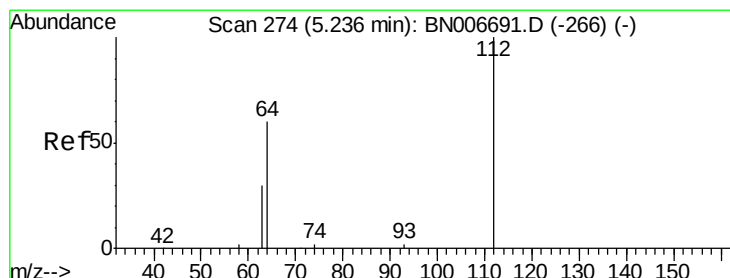
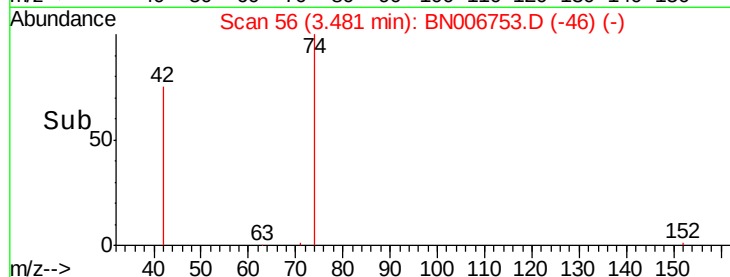
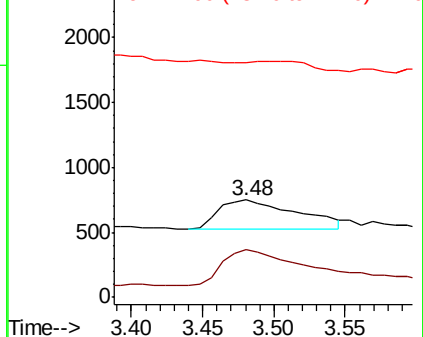
42 100

74 121.9 106.6 160.0

44 0.0 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: 0.286 ng

RT: 5.24 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

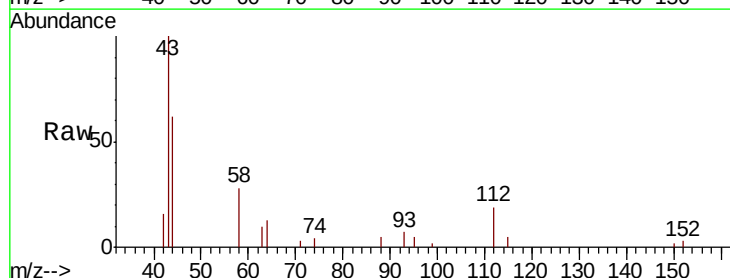
Tgt Ion: 112 Resp: 1996

Ion Ratio Lower Upper

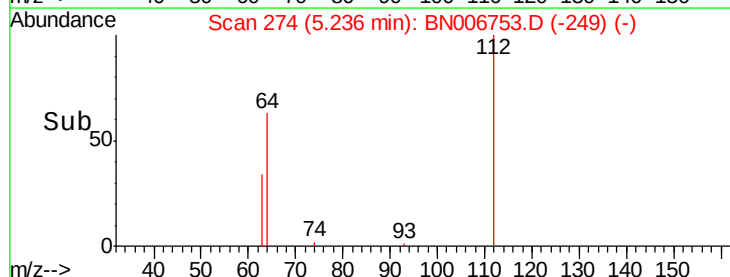
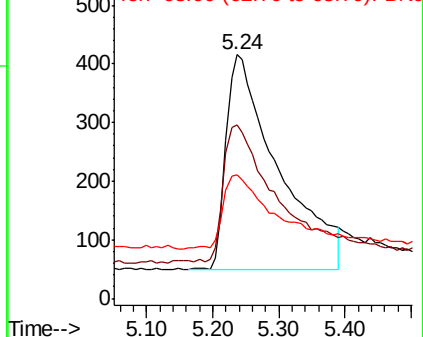
112 100

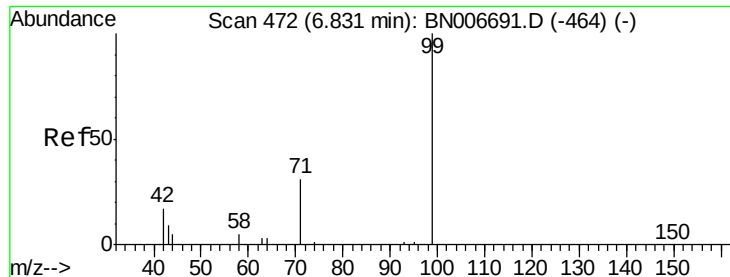
64 65.8 49.8 74.6

63 35.4 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: 0.290 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.00 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

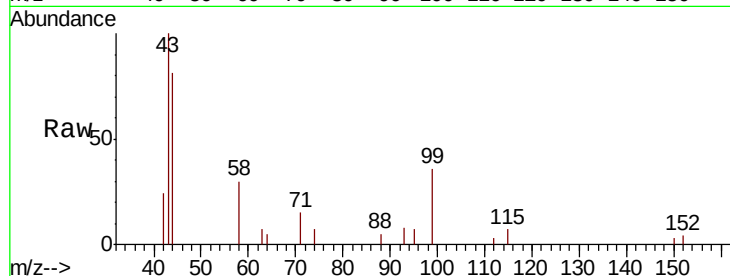
Tgt Ion: 99 Resp: 2568

Ion Ratio Lower Upper

99 100

42 26.4 16.6 25.0#

71 34.7 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006753.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006753.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006753.D (-460) (-)

6.83

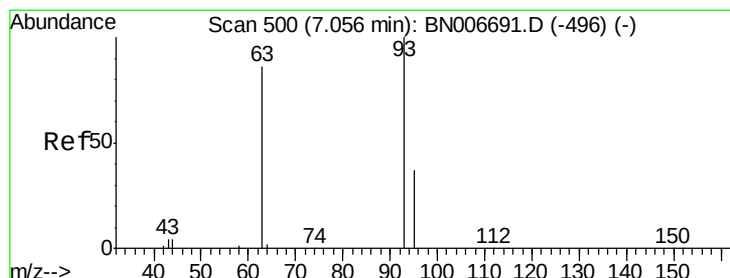
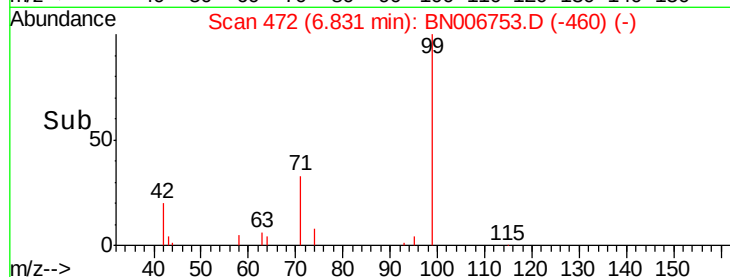
400

200

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.261 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

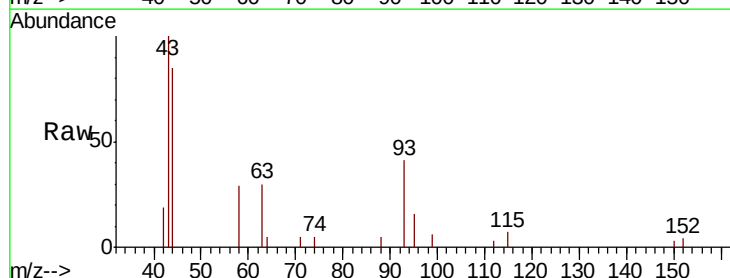
Tgt Ion: 93 Resp: 1952

Ion Ratio Lower Upper

93 100

63 75.4 58.6 87.8

95 33.6 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN006753.D (-475) (-)

Ion 63.00 (62.70 to 63.70): BN006753.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BN006753.D (-475) (-)

7.05

800

600

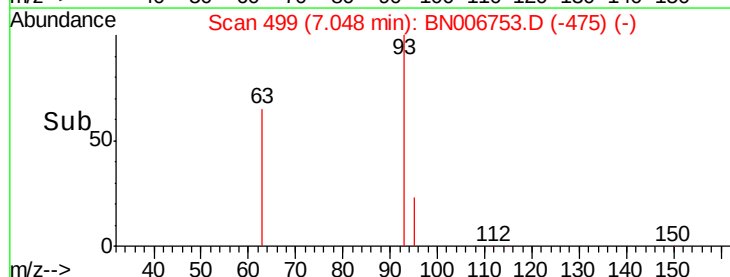
400

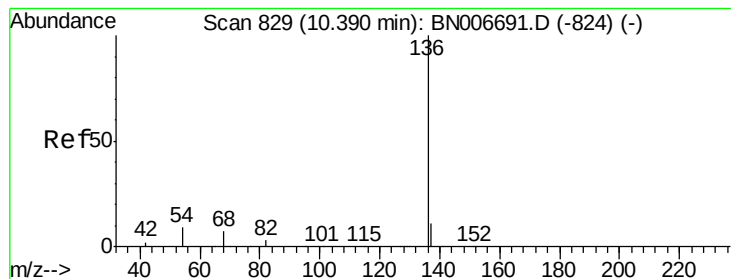
200

0

7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

Tgt Ion: 136 Resp: 9850

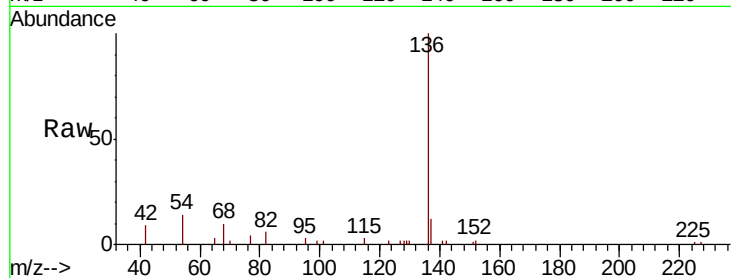
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 13.5 8.4 12.6#

68 10.0 6.8 10.2

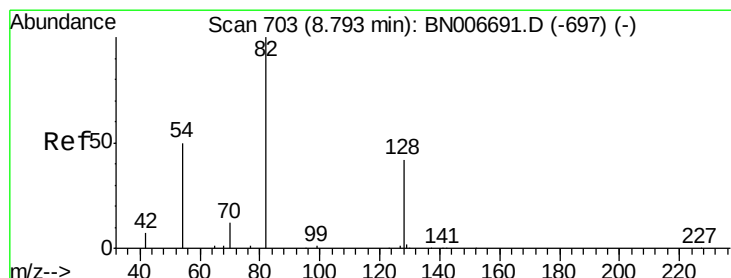
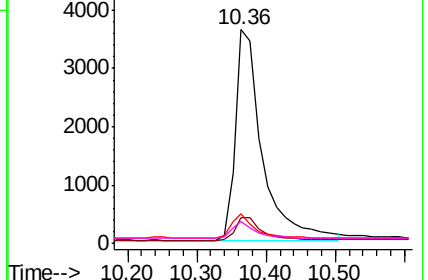
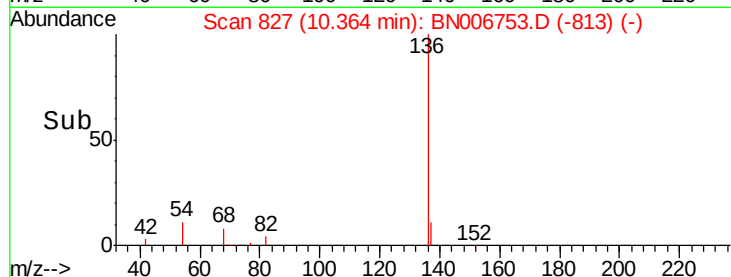


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.282 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

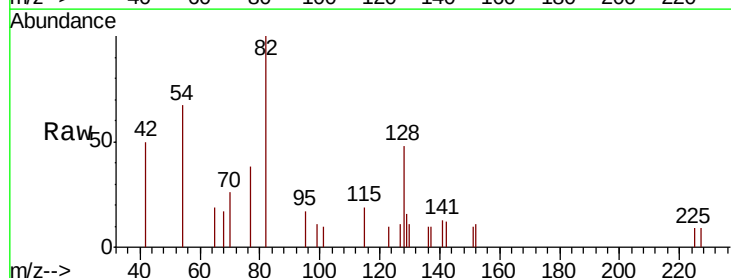
Tgt Ion: 82 Resp: 2134

Ion Ratio Lower Upper

82 100

128 48.3 36.1 54.1

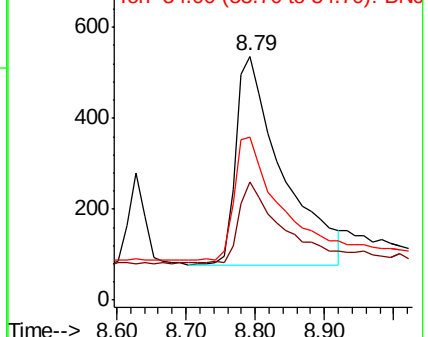
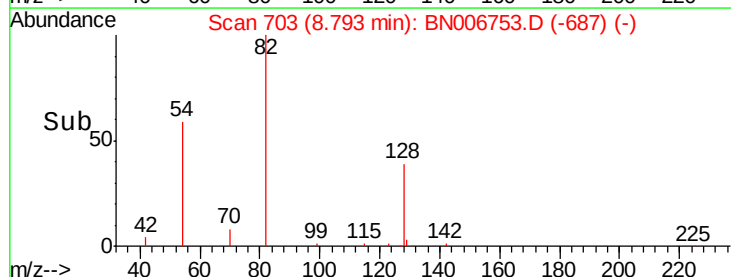
54 66.8 44.5 66.7#

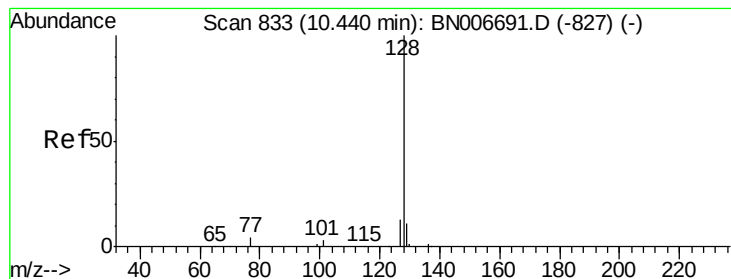


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.341 ng

RT: 10.41 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

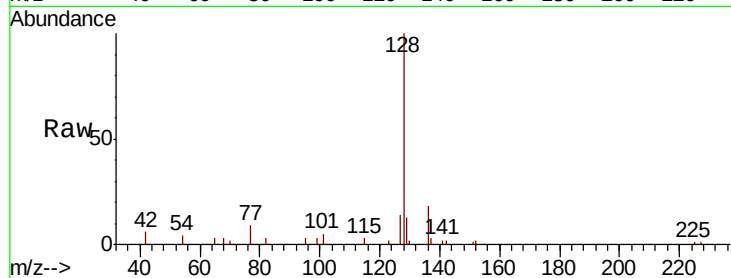
Tgt Ion:128 Resp: 9200

Ion Ratio Lower Upper

128 100

129 12.6 9.6 14.4

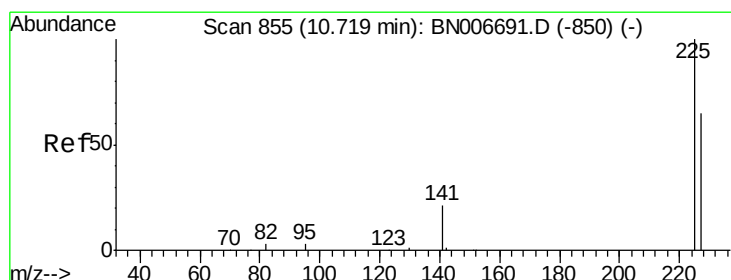
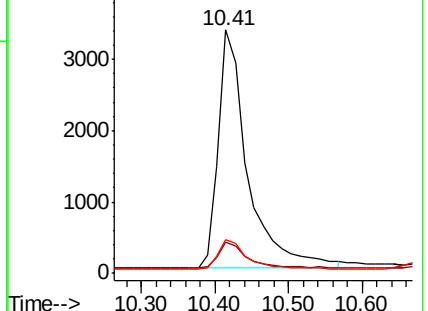
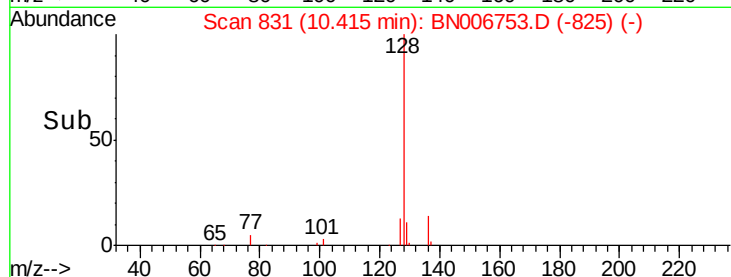
127 14.1 11.0 16.4



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: 0.338 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

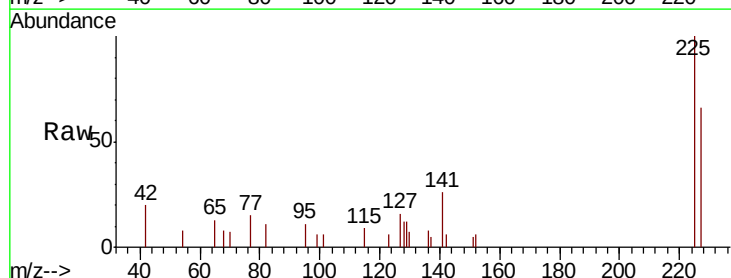
Tgt Ion:225 Resp: 1843

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

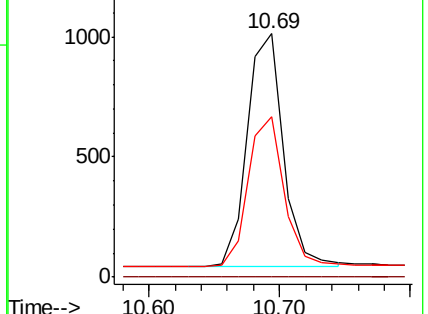
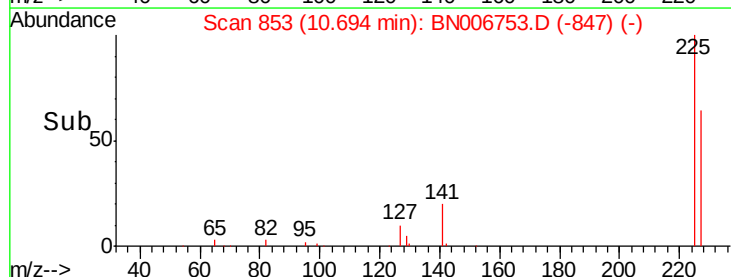
227 64.0 50.9 76.3

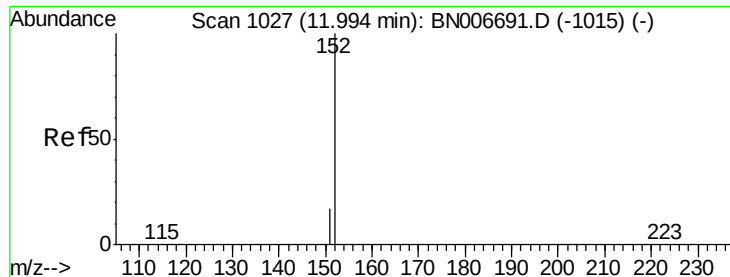


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

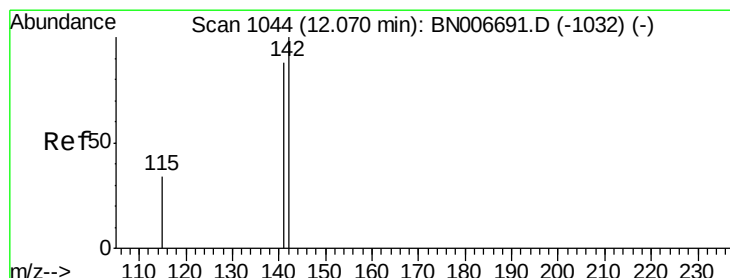
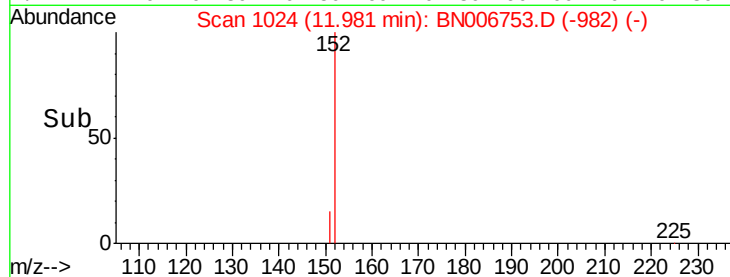
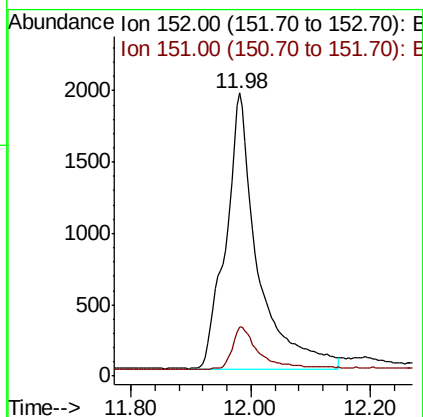
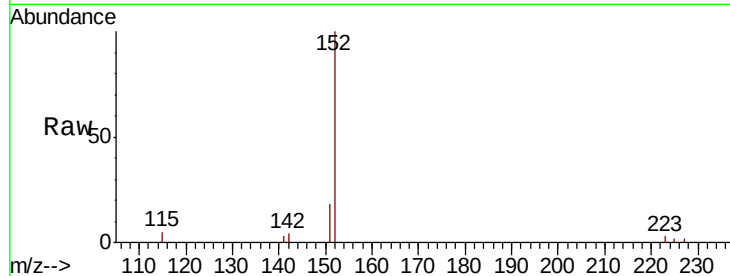




#11
 2-Methylnaphthalene-d10
 Concen: 0.481 ng
 RT: 11.98 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BN006753.D
 Acq: 08 Jul 2019 12:02

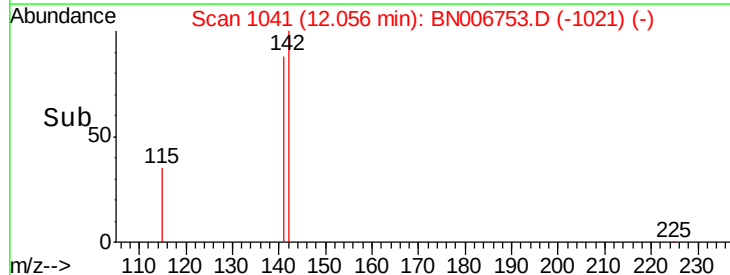
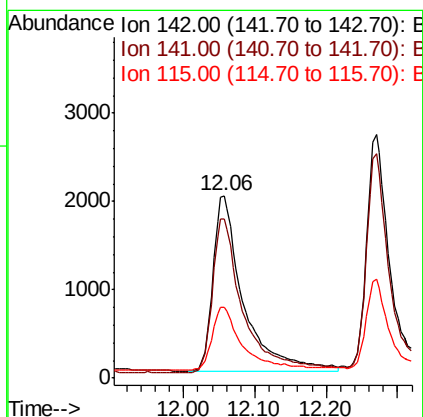
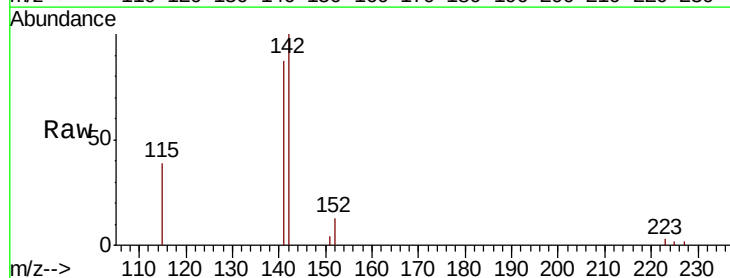
Instrument :
 BNA_N
 ClientSampleId :
 PB121176BS

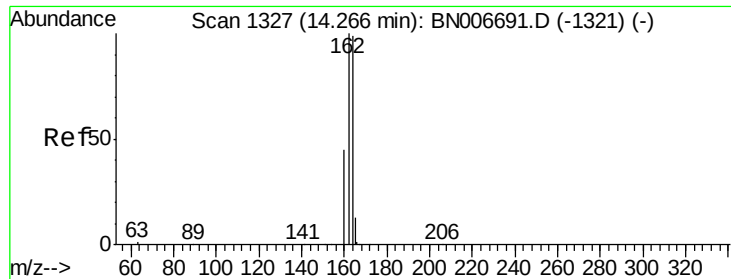
Tgt Ion:152 Resp: 7122
 Ion Ratio Lower Upper
 152 100
 151 12.7 14.9 22.3#



#12
 2-Methylnaphthalene
 Concen: 0.300 ng
 RT: 12.06 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BN006753.D
 Acq: 08 Jul 2019 12:02

Tgt Ion:142 Resp: 5900
 Ion Ratio Lower Upper
 142 100
 141 87.2 70.3 105.5
 115 38.6 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: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

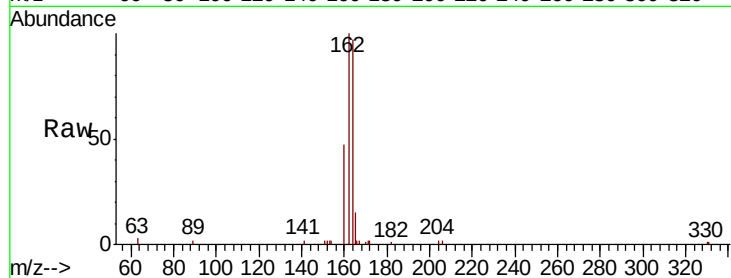
Tgt Ion:164 Resp: 5402

Ion Ratio Lower Upper

164 100

162 103.0 80.8 121.2

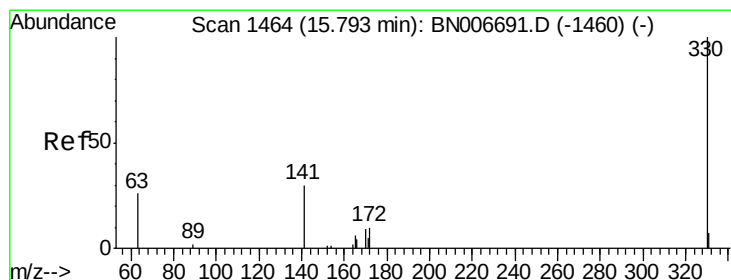
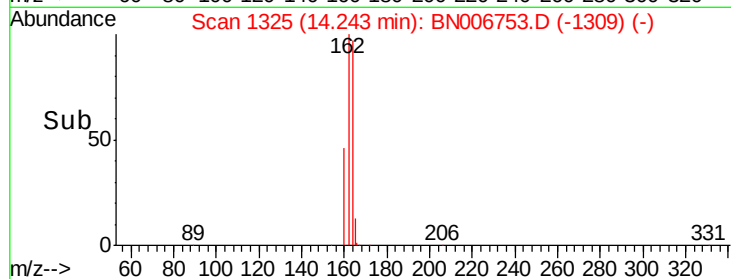
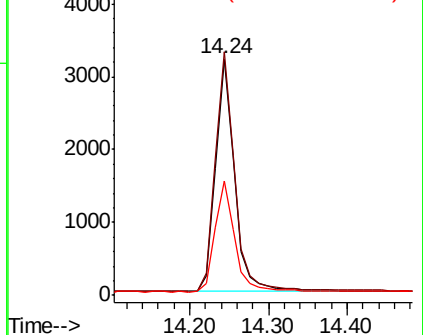
160 48.5 37.0 55.6



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: 0.264 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

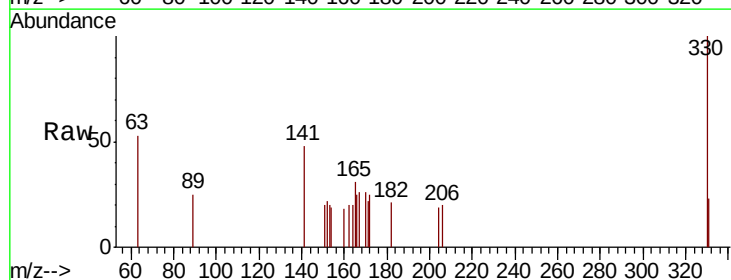
Tgt Ion:330 Resp: 701

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

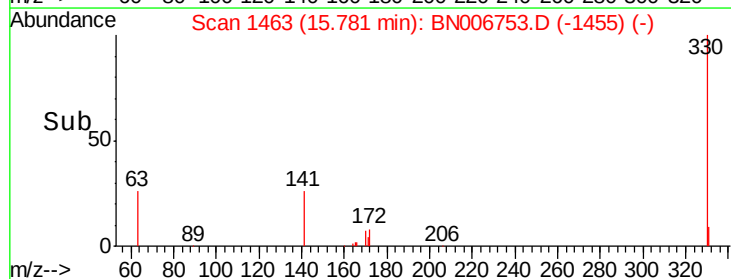
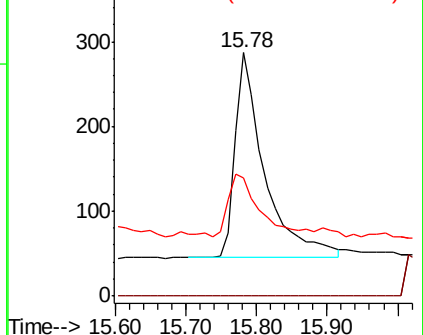
141 31.7 24.8 37.2

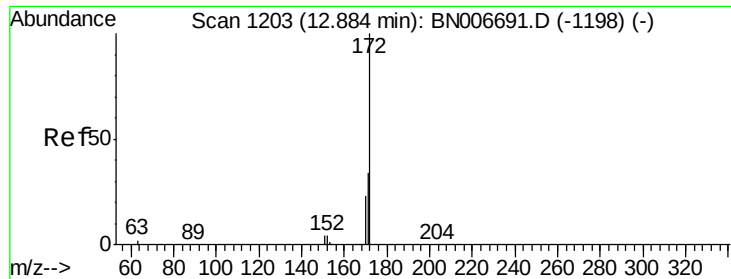


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

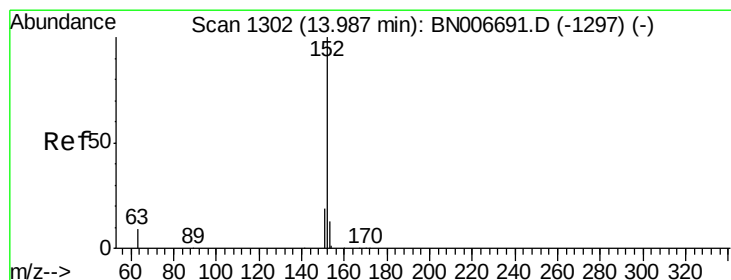
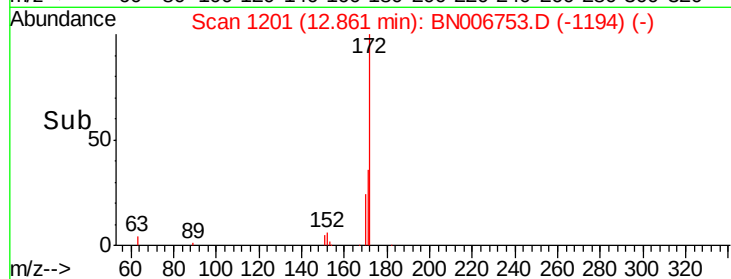
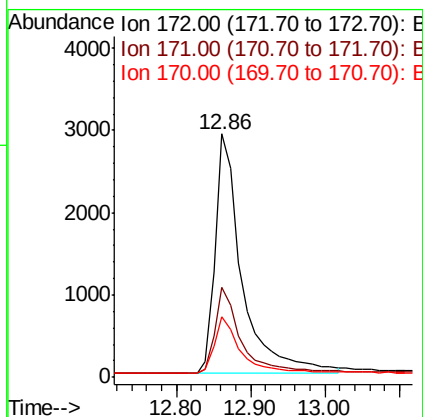
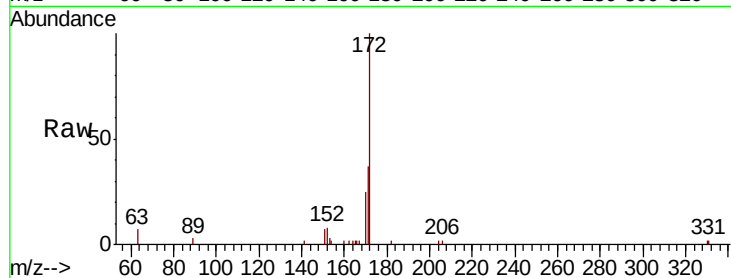




#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

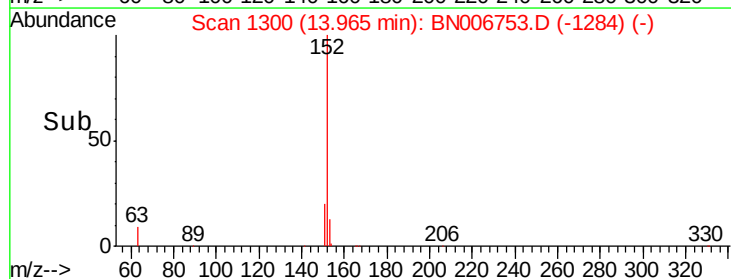
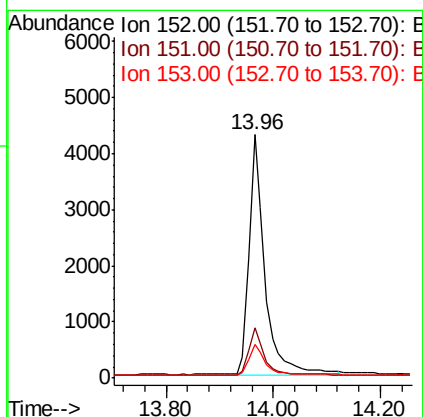
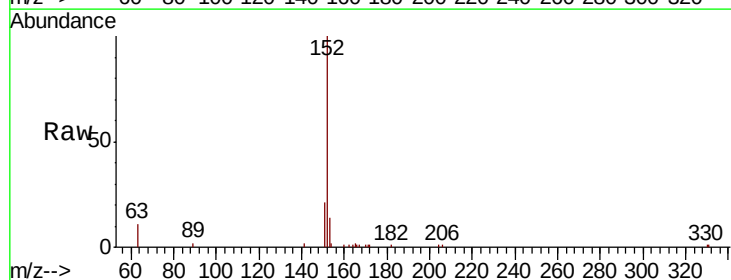
Instrument :
BNA_N
ClientSampleId :
PB121176BS

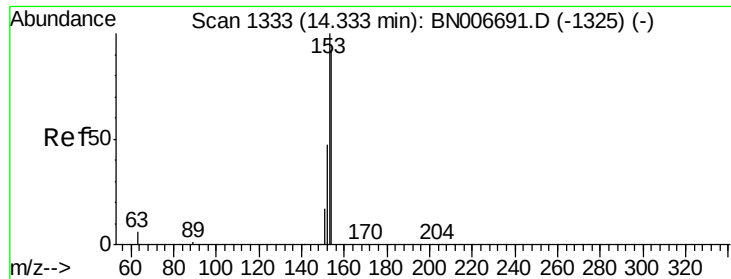
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	27.8	41.6
170	24.9	18.9	28.3



#16
Acenaphthylene
Concen: 0.325 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8





#17

Acenaphthene

Concen: 0.339 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

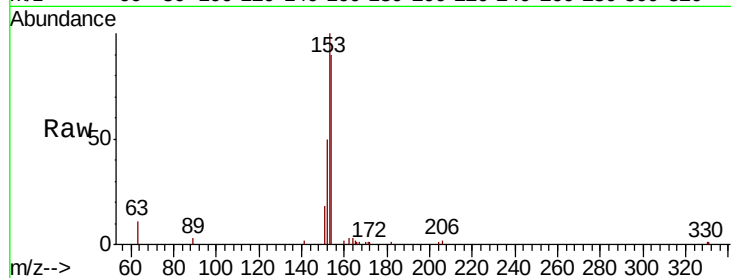
Tgt Ion:154 Resp: 5816

Ion Ratio Lower Upper

154 100

153 115.5 88.9 133.3

152 56.1 42.8 64.2

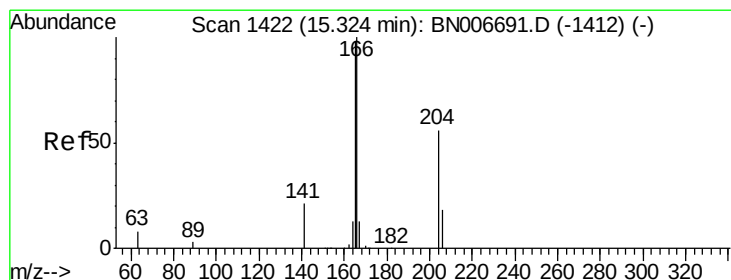
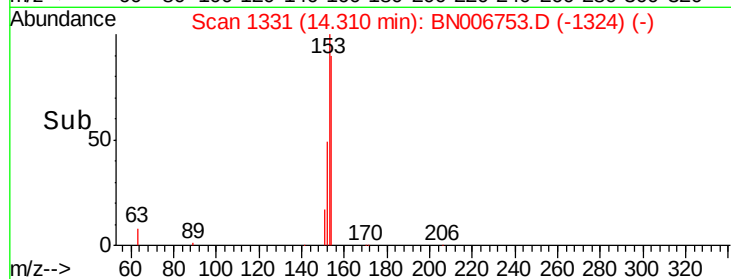
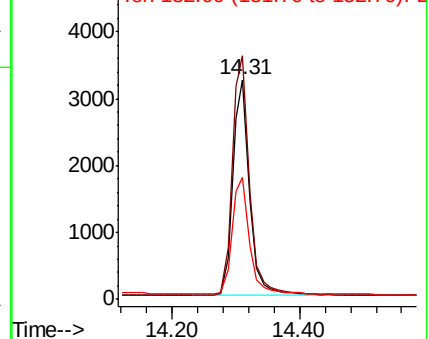


Abundance

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: 0.330 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

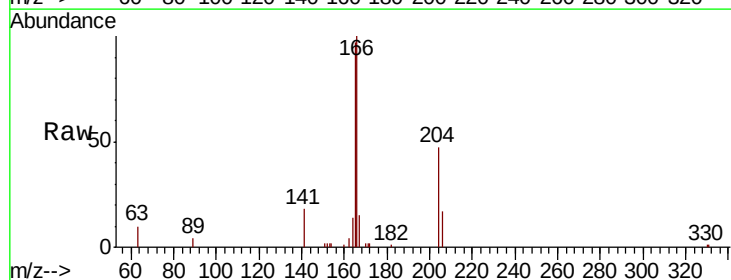
Tgt Ion:166 Resp: 7043

Ion Ratio Lower Upper

166 100

165 97.9 78.0 117.0

167 13.4 10.7 16.1

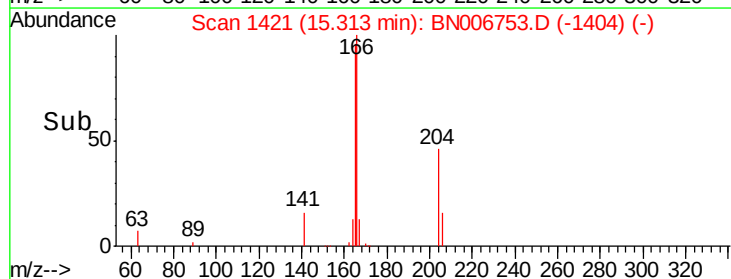
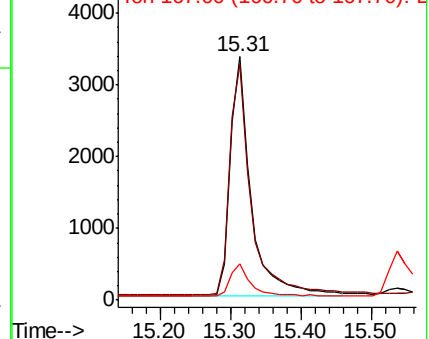


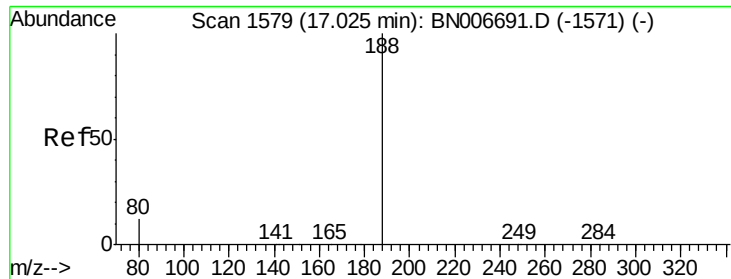
Abundance

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: 17.01 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

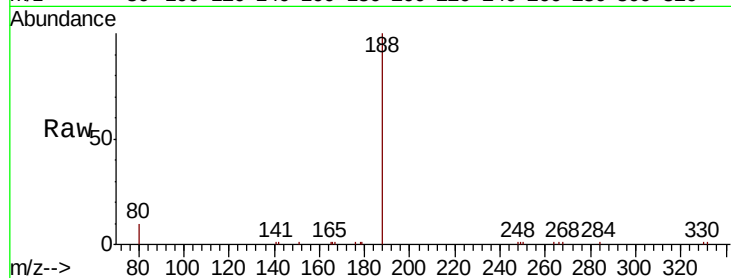
Tgt Ion:188 Resp: 11899

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

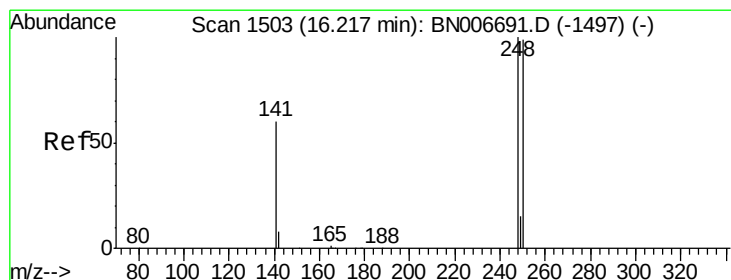
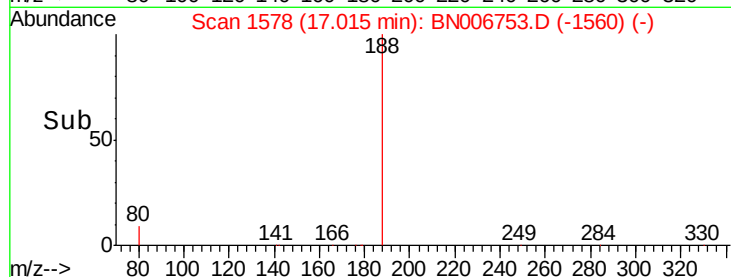
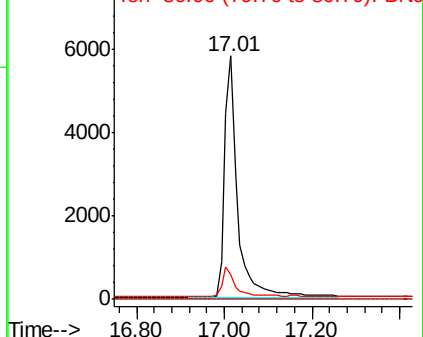
80 10.4 10.3 15.5



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: 0.307 ng

RT: 16.21 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

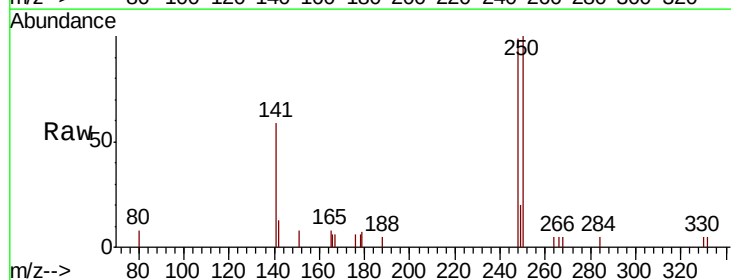
Tgt Ion:248 Resp: 2153

Ion Ratio Lower Upper

248 100

250 100.8 79.0 118.6

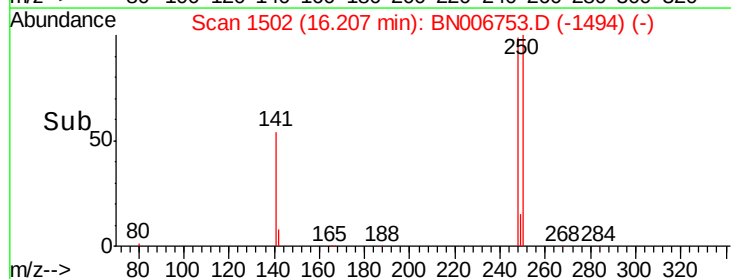
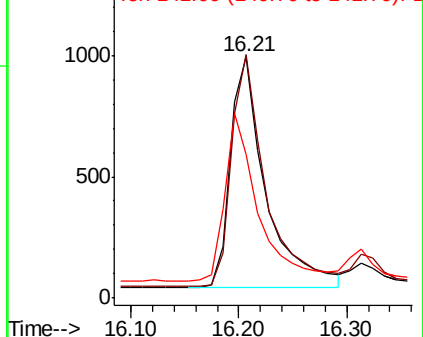
141 59.4 50.2 75.4

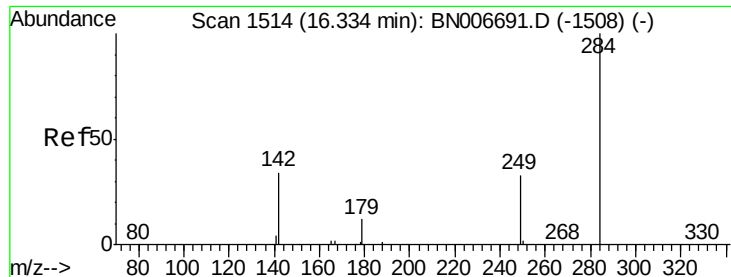


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.357 ng

RT: 16.32 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

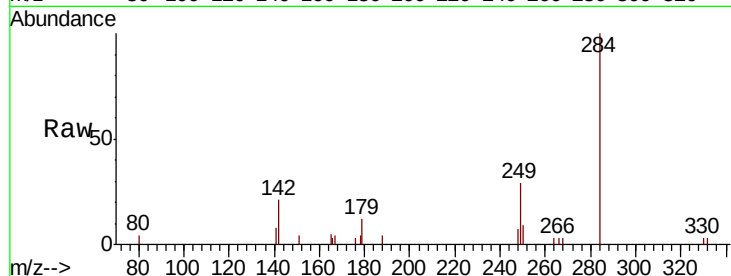
Tgt Ion:284 Resp: 2975

Ion Ratio Lower Upper

284 100

142 32.6 26.9 40.3

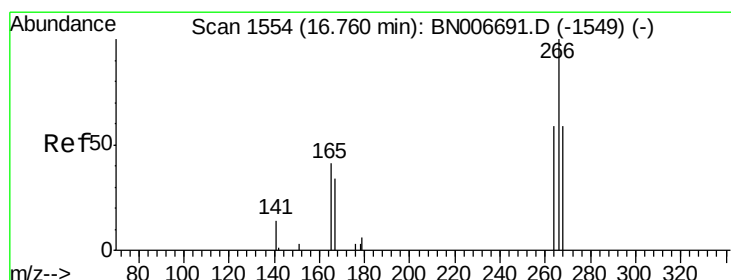
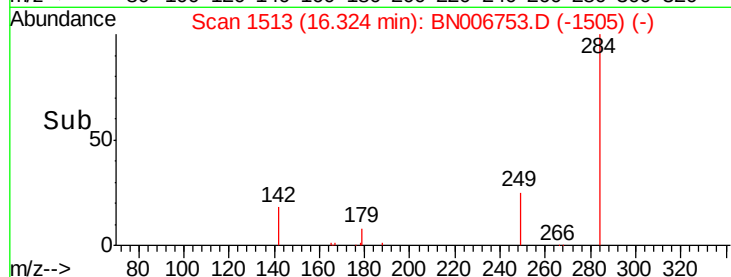
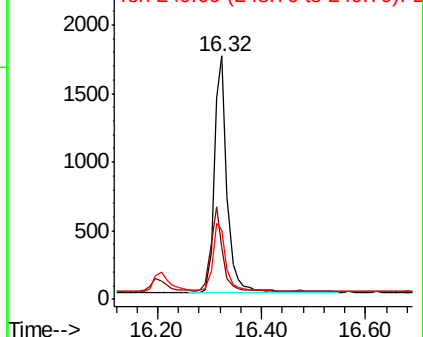
249 30.1 24.4 36.6



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: 0.337 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

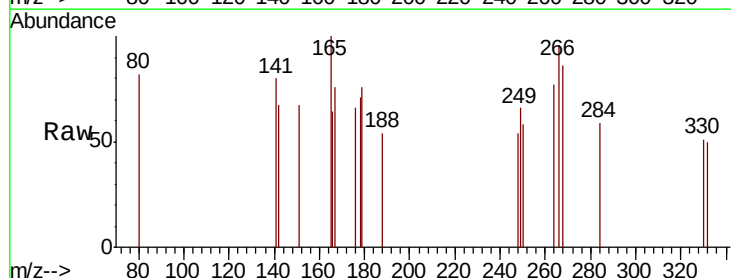
Tgt Ion:266 Resp: 254

Ion Ratio Lower Upper

266 100

264 80.2 57.6 86.4

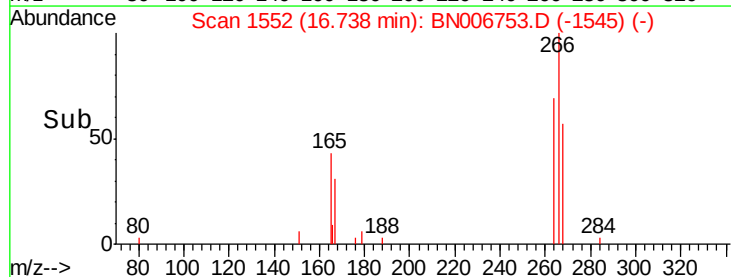
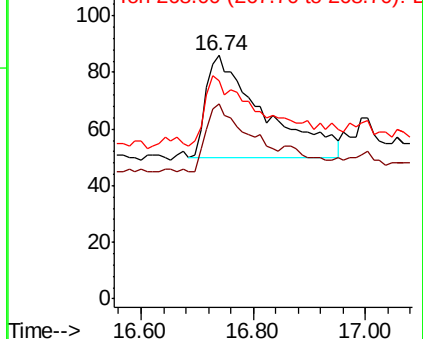
268 89.5 66.6 99.8

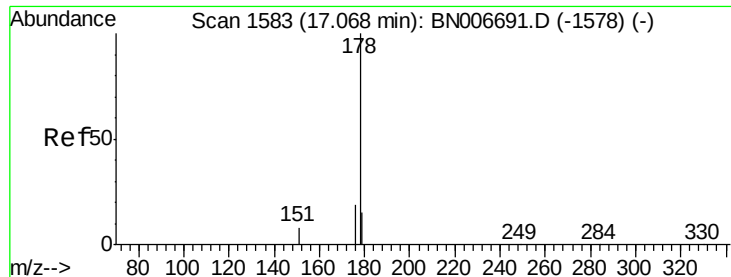


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.328 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

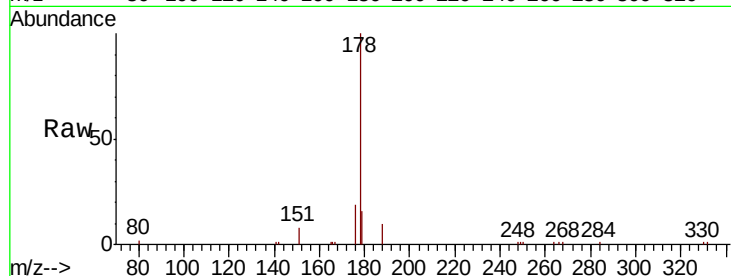
Tgt Ion:178 Resp: 11263

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

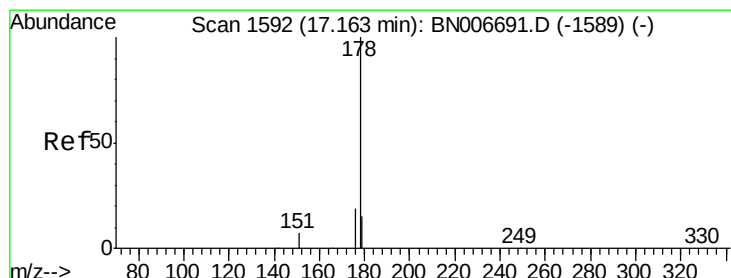
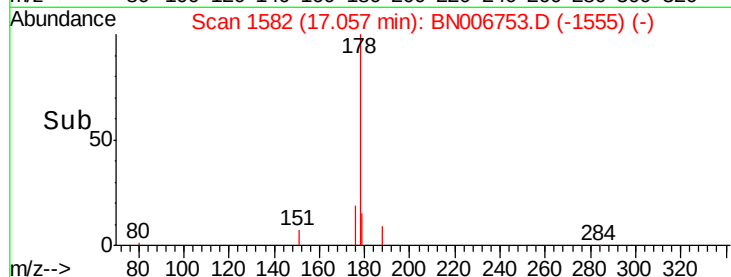
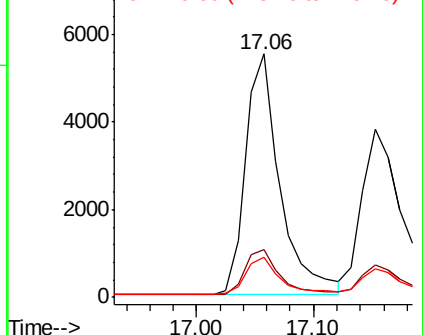
179 15.9 12.4 18.6



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: 0.301 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

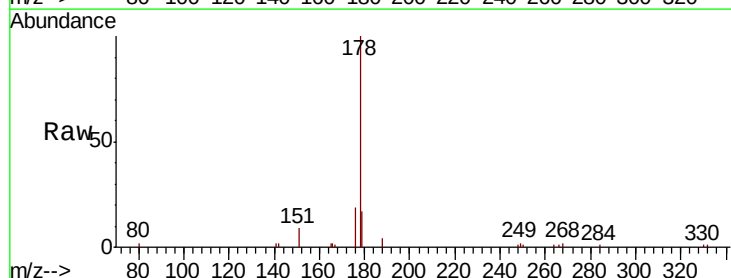
Tgt Ion:178 Resp: 9342

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

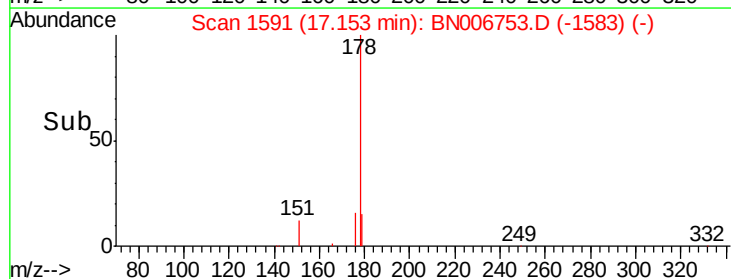
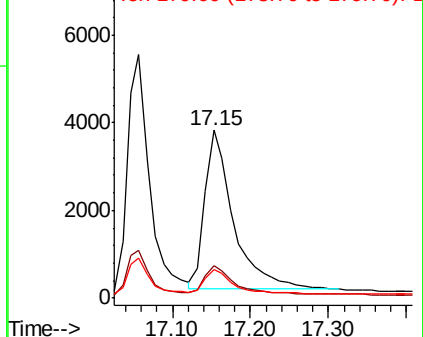
179 15.8 11.9 17.9

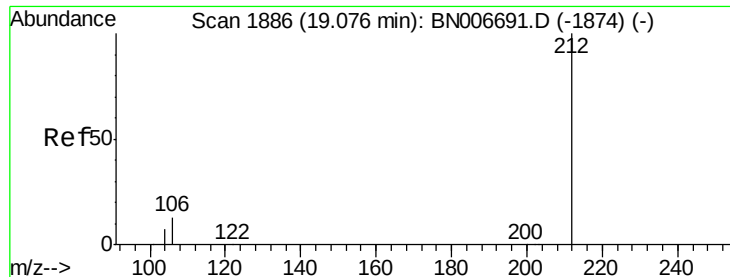


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

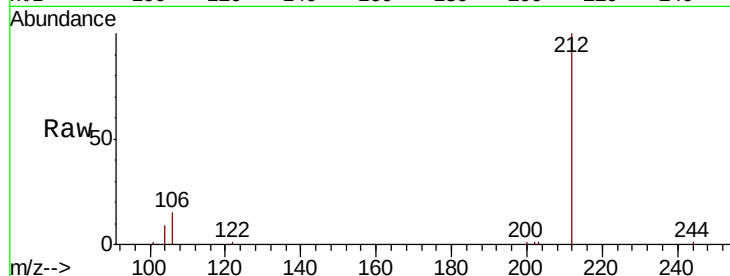
Tgt Ion:212 Resp: 11468

Ion Ratio Lower Upper

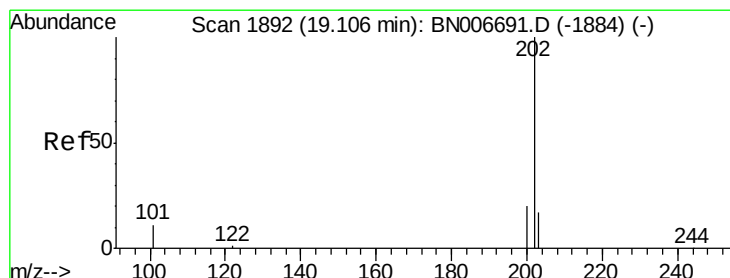
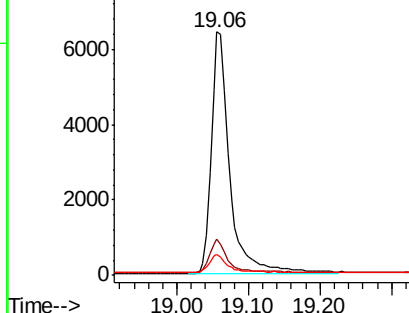
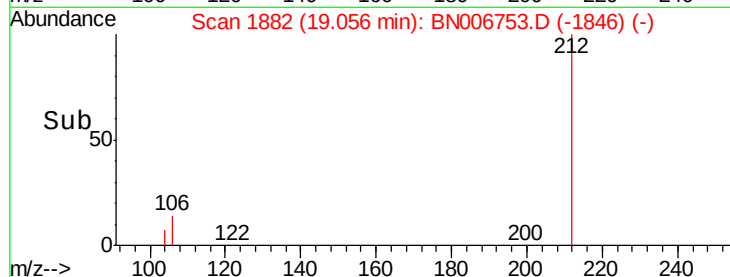
212 100

106 13.5 11.0 16.6

104 7.1 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: 0.346 ng

RT: 19.09 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

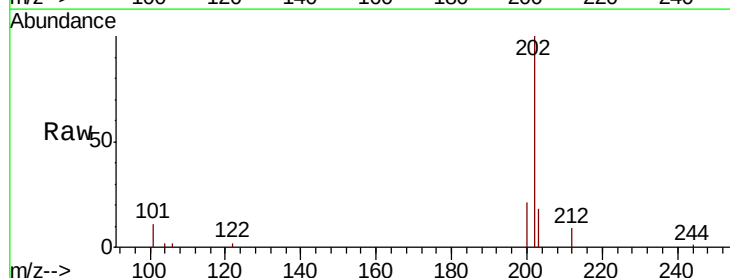
Tgt Ion:202 Resp: 13953

Ion Ratio Lower Upper

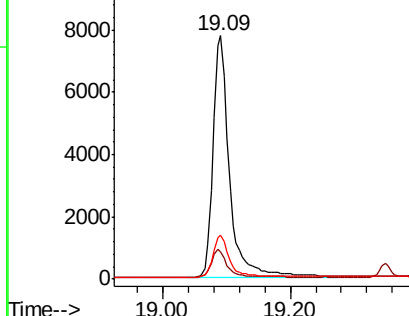
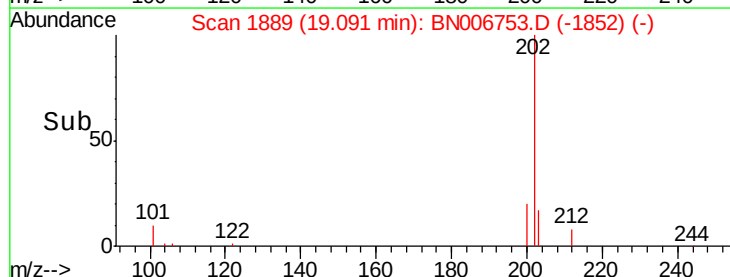
202 100

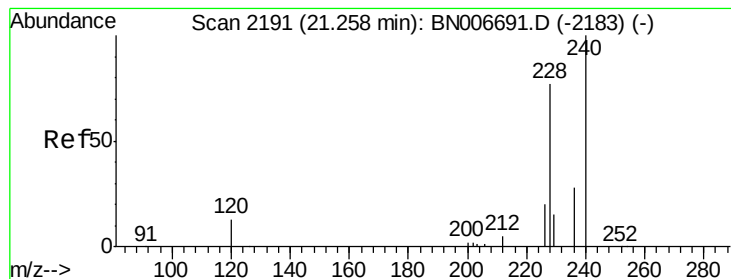
101 10.8 8.7 13.1

203 17.0 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: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

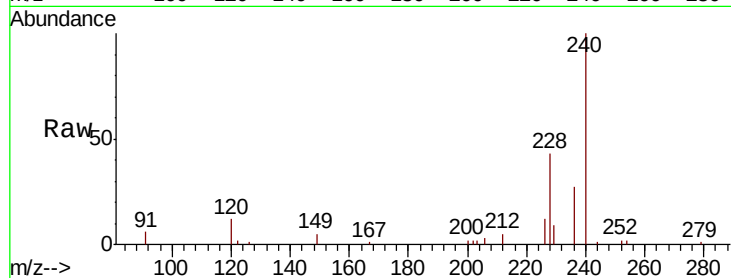
Tgt Ion:240 Resp: 12999

Ion Ratio Lower Upper

240 100

120 11.6 12.9 19.3#

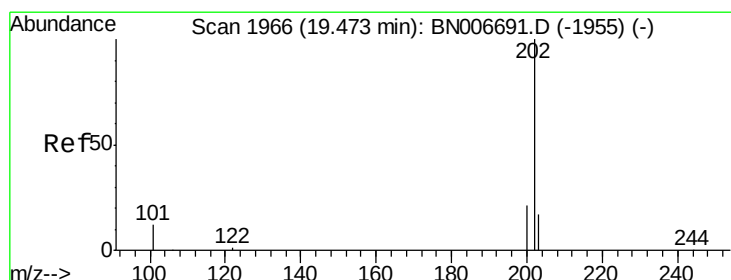
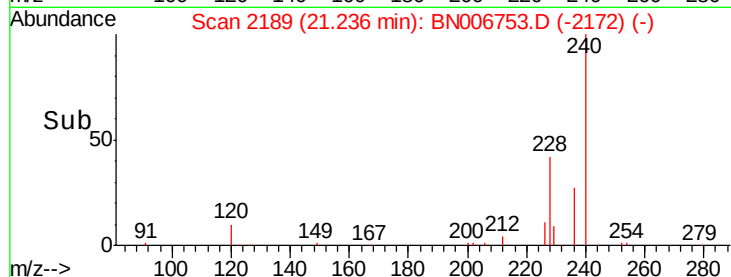
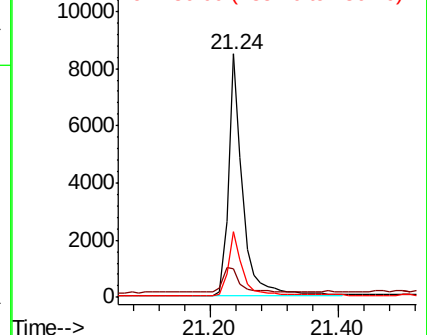
236 27.1 23.2 34.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.282 ng

RT: 19.46 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

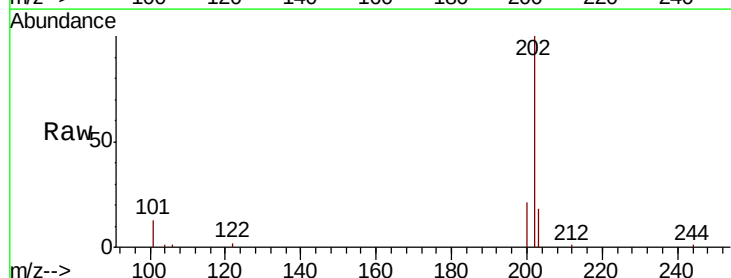
Tgt Ion:202 Resp: 14679

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

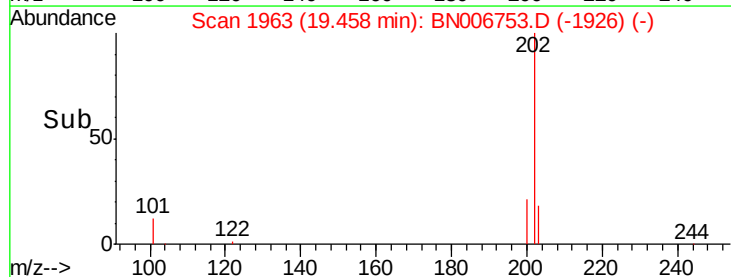
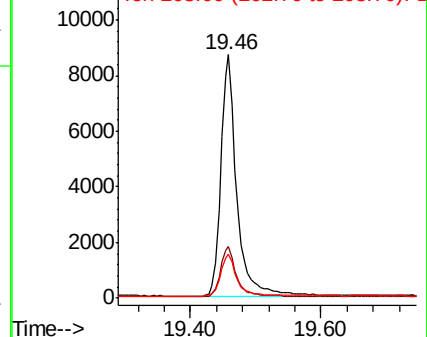
203 17.9 14.2 21.2

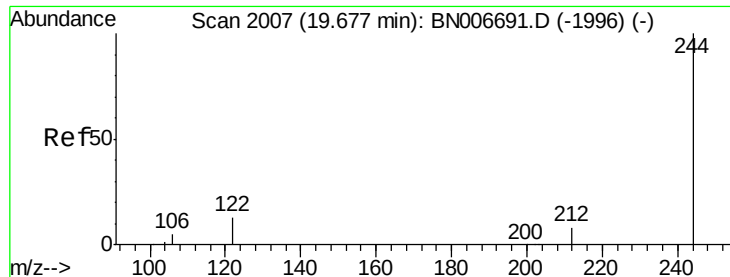


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.274 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

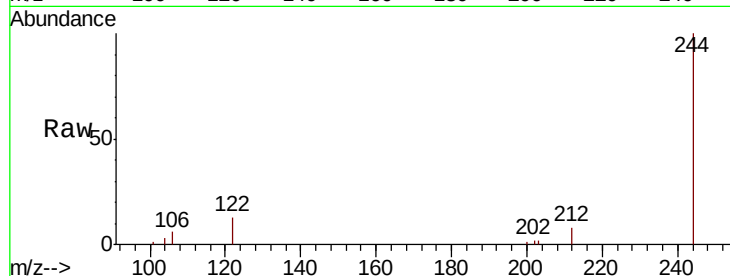
Tgt Ion:244 Resp: 8211

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

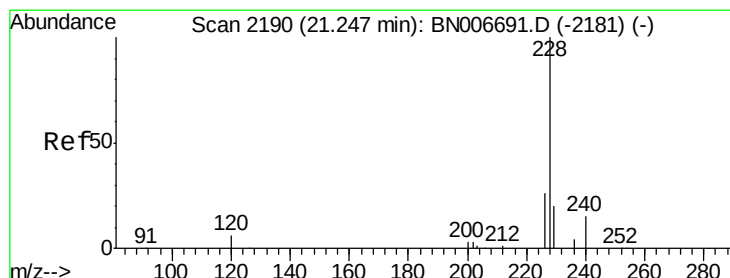
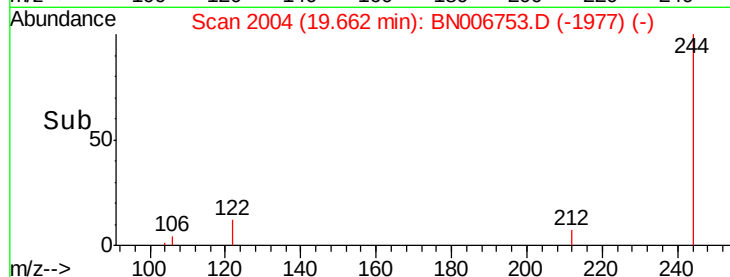
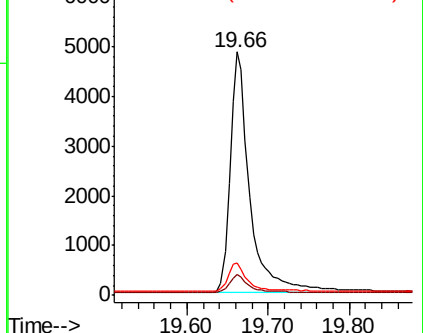
122 13.4 11.5 17.3



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: 0.277 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

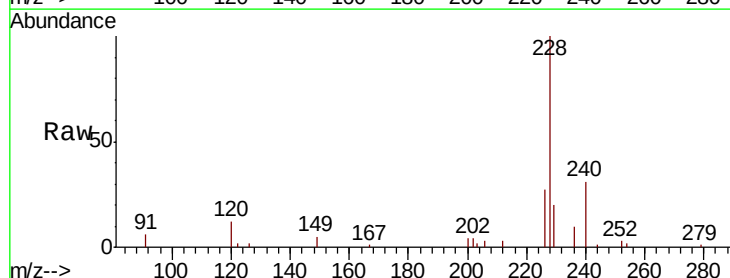
Tgt Ion:228 Resp: 12402

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

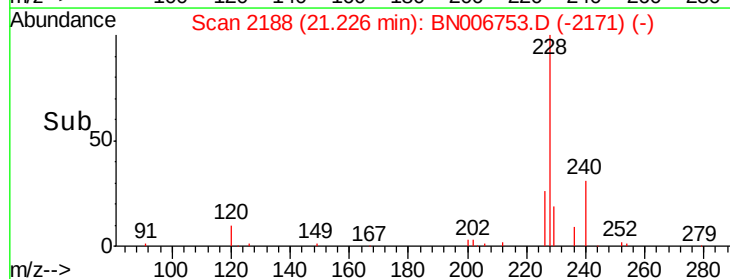
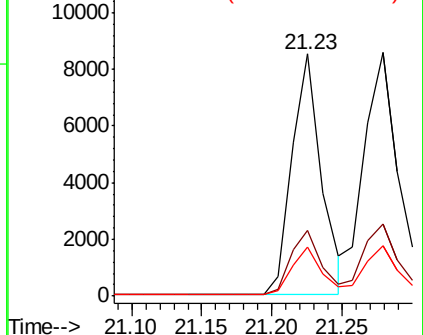
229 20.1 16.2 24.4

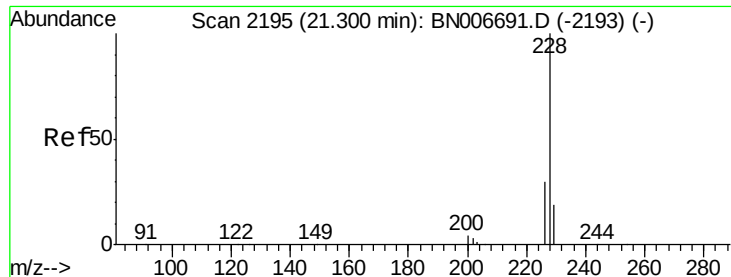


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.316 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

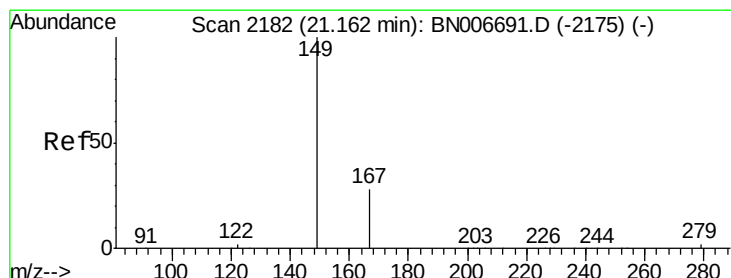
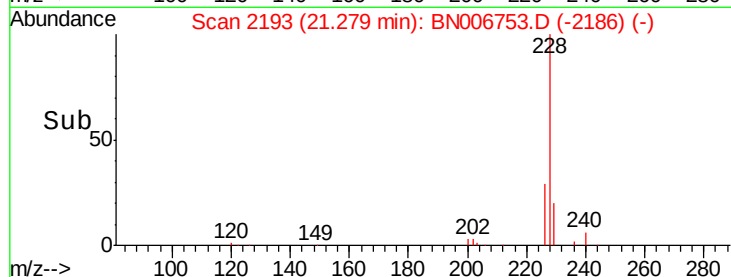
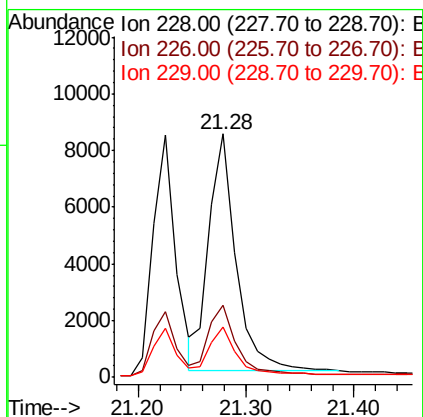
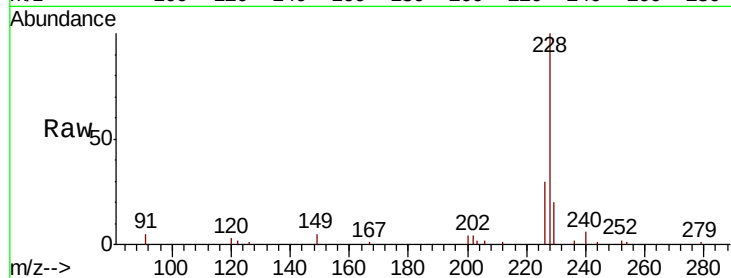
Tgt Ion:228 Resp: 14603

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

229 20.5 15.8 23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.042 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

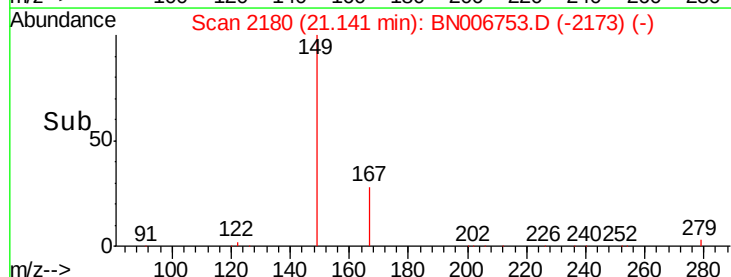
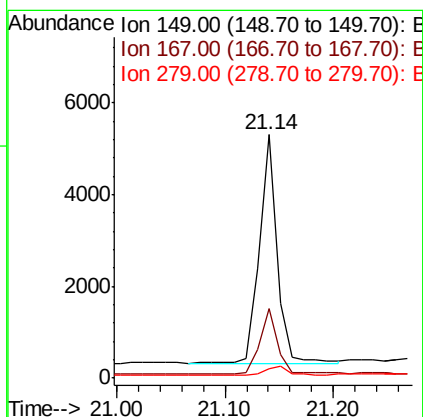
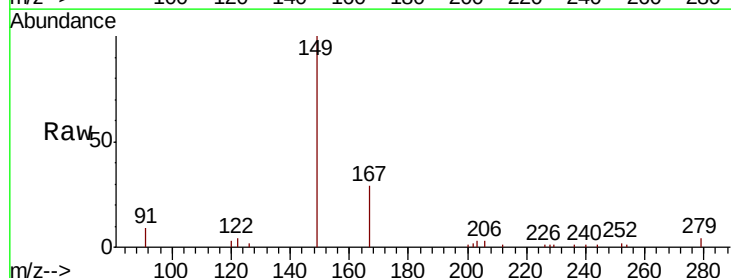
Tgt Ion:149 Resp: 5671

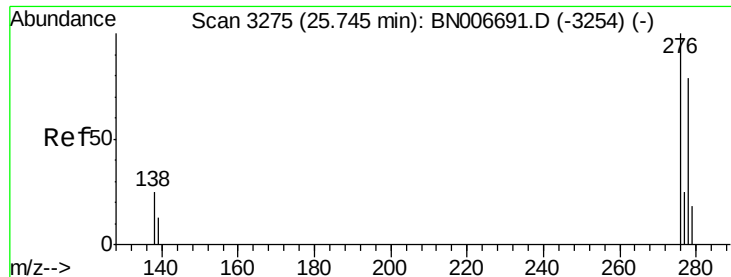
Ion Ratio Lower Upper

149 100

167 27.3 22.9 34.3

279 4.2 3.2 4.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.357 ng

RT: 25.70 min Scan# 3261

Delta R.T. -0.05 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

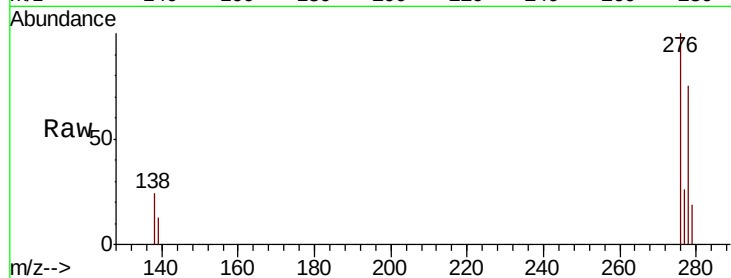
Tgt Ion:276 Resp: 19752

Ion Ratio Lower Upper

276 100

138 22.0 19.5 29.3

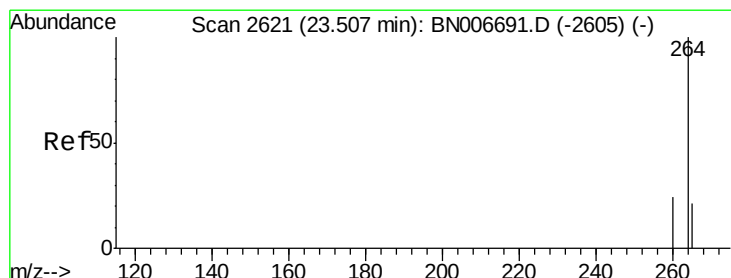
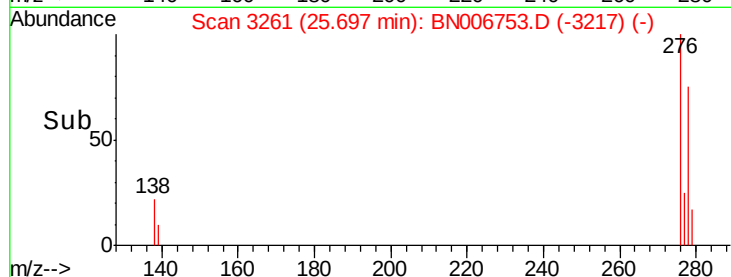
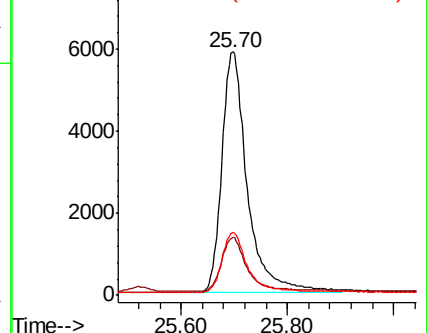
277 24.7 19.7 29.5



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: BN006753.D

Acq: 08 Jul 2019 12:02

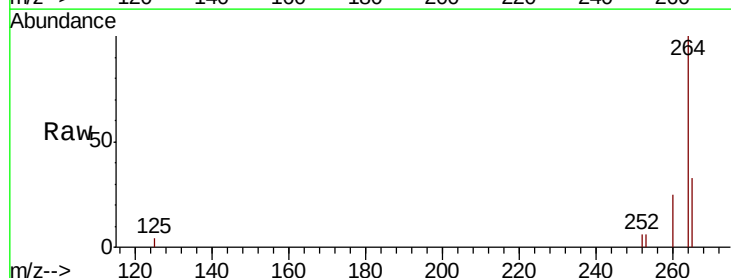
Tgt Ion:264 Resp: 14223

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

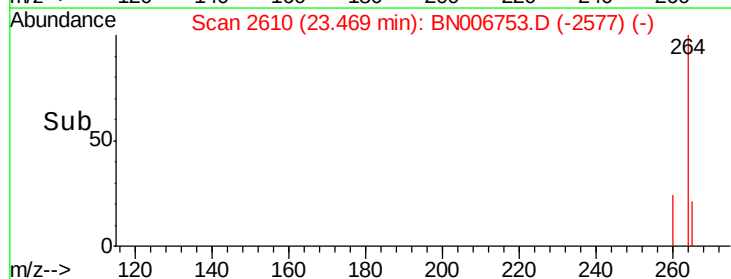
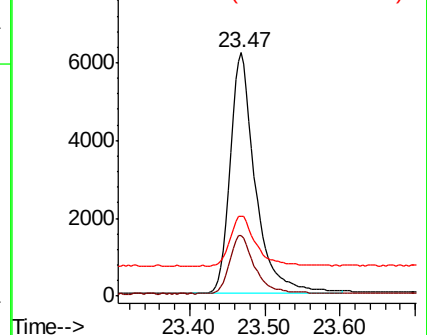
265 33.0 33.7 50.5#

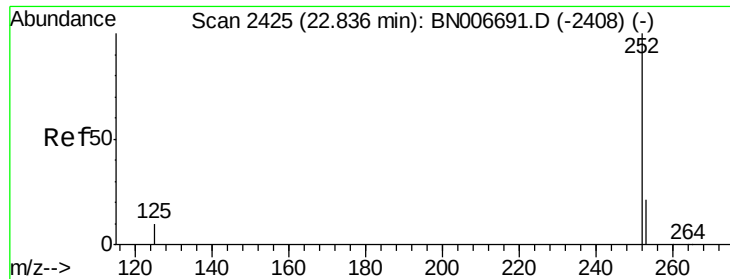


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.329 ng

RT: 22.80 min Scan# 2416

Delta R.T. -0.03 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

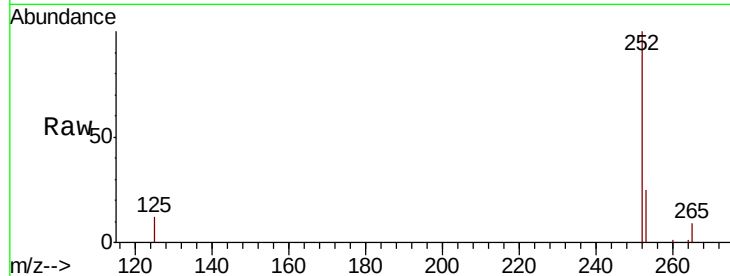
Tgt Ion:252 Resp: 15022

Ion Ratio Lower Upper

252 100

253 25.2 20.2 30.2

125 11.7 11.5 17.3

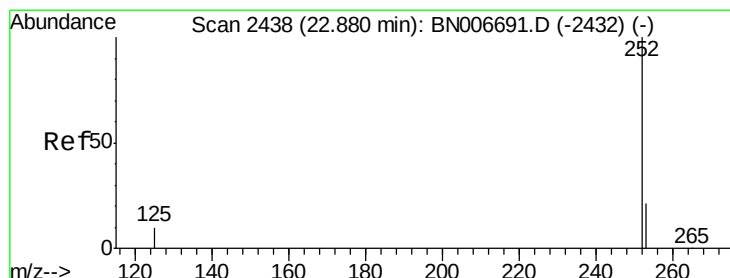
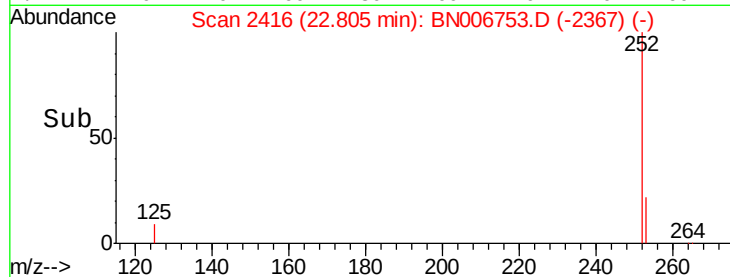
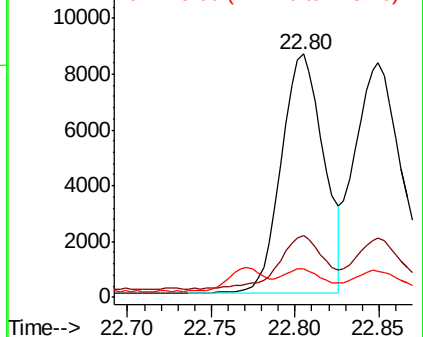


Abundance

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: 0.303 ng

RT: 22.80 min Scan# 2416

Delta R.T. -0.08 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

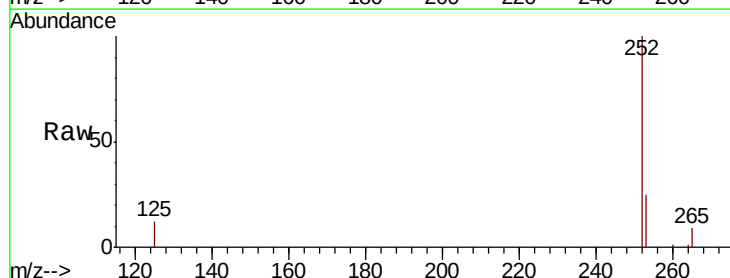
Tgt Ion:252 Resp: 15022

Ion Ratio Lower Upper

252 100

253 25.2 20.1 30.1

125 11.7 11.4 17.0

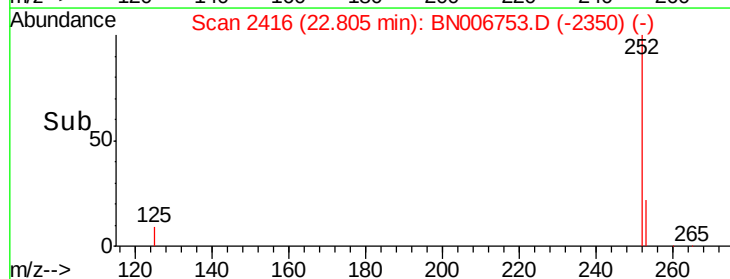
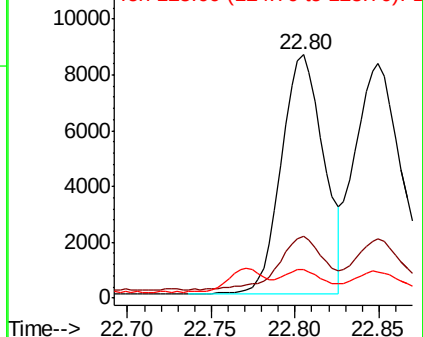


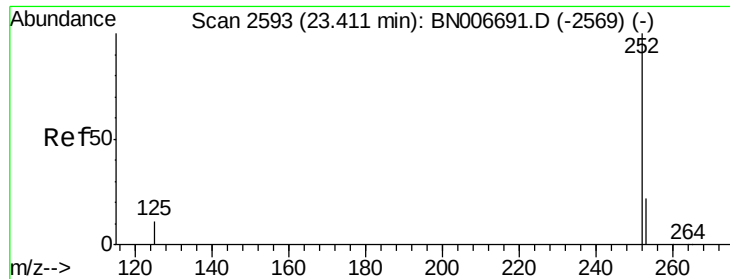
Abundance

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: 0.345 ng

RT: 23.38 min Scan# 2583

Delta R.T. -0.03 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

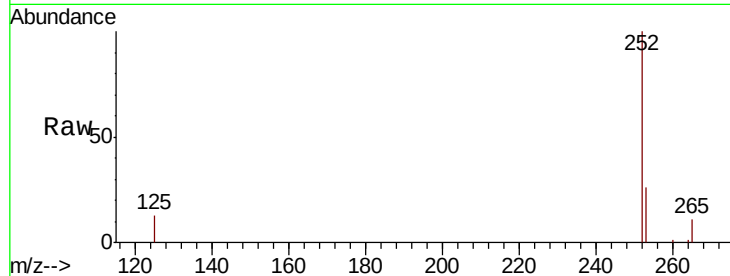
Tgt Ion:252 Resp: 15250

Ion Ratio Lower Upper

252 100

253 26.3 21.4 32.2

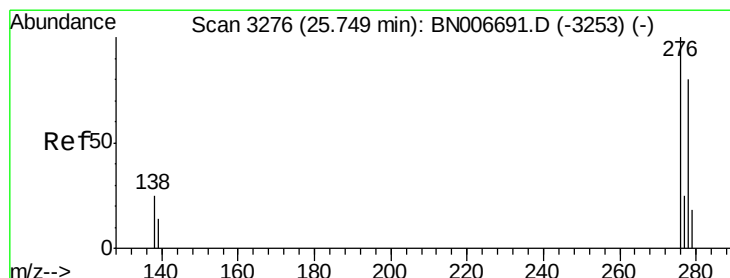
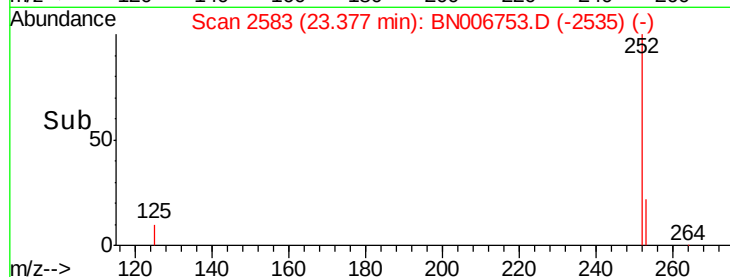
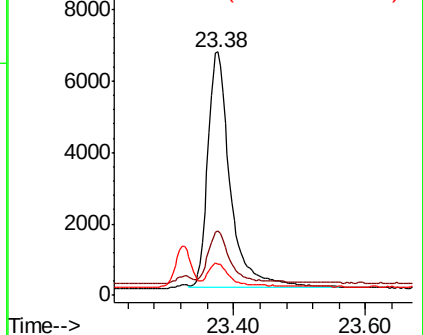
125 13.0 13.3 19.9#



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: 0.360 ng

RT: 25.70 min Scan# 3261

Delta R.T. -0.05 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

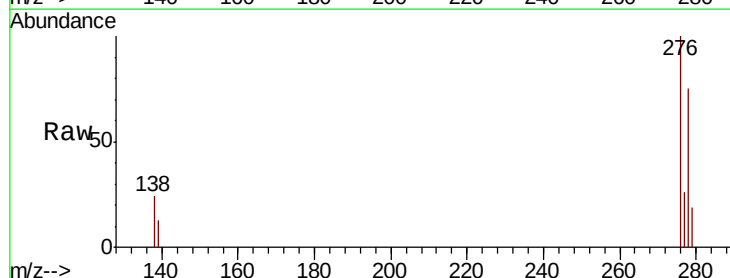
Tgt Ion:278 Resp: 15821

Ion Ratio Lower Upper

278 100

139 17.7 16.2 24.4

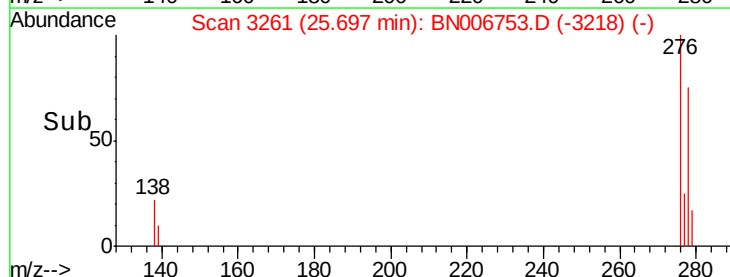
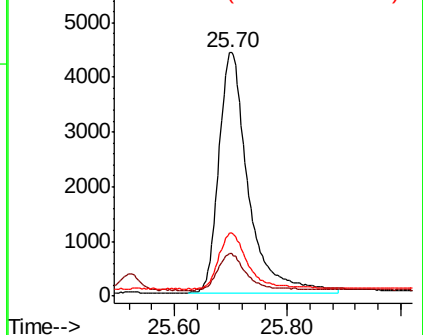
279 25.7 20.7 31.1

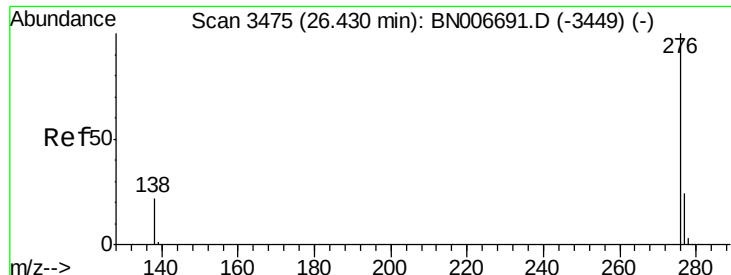


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.381 ng

RT: 26.38 min Scan# 3460

Delta R.T. -0.05 min

Lab File: BN006753.D

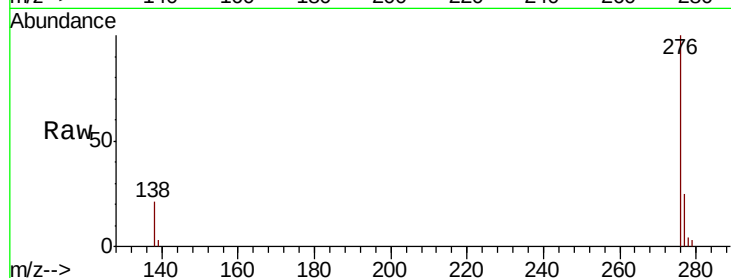
Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS



Tgt Ion: 276 Resp: 17221

Ion Ratio Lower Upper

276 100

277 24.8 20.6 30.8

138 21.4 19.7 29.5

