

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
 Data File : BN006754.D
 Acq On : 08 Jul 2019 12:37
 Operator : HP/JU
 Sample : PB121176BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121176BSD

Quant Time: Jul 09 03:09:36 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	2551	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	9989	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	5567	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	12205	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	13154	0.40	ng	-0.02
34) Perylene-d12	23.48	264	14398	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	2011	0.29	ng	0.00
5) Phenol-d6	6.83	99	2592	0.30	ng	0.00
8) Nitrobenzene-d5	8.79	82	2074	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	7221	0.48	ng	-0.01
14) 2,4,6-Tribromophenol	15.78	330	715	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	7552	0.35	ng	-0.02
25) Fluoranthene-d10	19.06	212	11650	0.33	ng	-0.02
29) Terphenyl-d14	19.66	244	8380	0.28	ng	-0.01

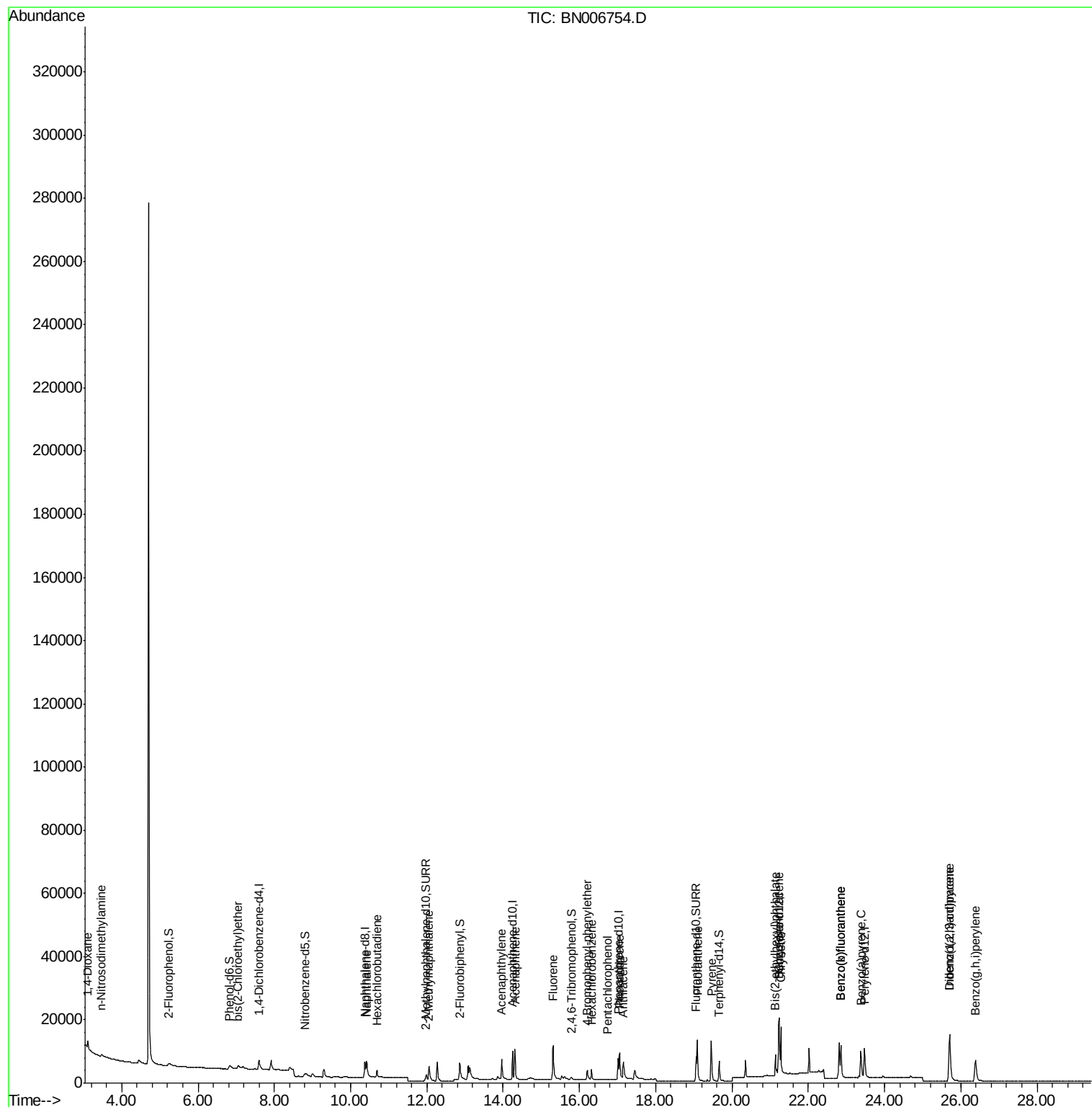
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	1491	0.374	ng	# 17
3) n-Nitrosodimethylamine	3.47	42	916	0.305	ng	# 83
6) bis(2-Chloroethyl)ether	7.05	93	1974	0.266	ng	97
9) Naphthalene	10.41	128	9275	0.339	ng	98
10) Hexachlorobutadiene	10.69	225	1869	0.338	ng	# 100
12) 2-Methylnaphthalene	12.06	142	5995	0.301	ng	97
16) Acenaphthylene	13.96	152	8983	0.324	ng	100
17) Acenaphthene	14.31	154	5967	0.337	ng	98
18) Fluorene	15.31	166	7320	0.333	ng	99
20) 4-Bromophenyl-phenylether	16.21	248	2199	0.306	ng	99
21) Hexachlorobenzene	16.32	284	3059	0.358	ng	98
22) Pentachlorophenol	16.74	266	254	0.331	ng	95
23) Phenanthrene	17.06	178	11512	0.327	ng	100
24) Anthracene	17.15	178	9505	0.299	ng	99
26) Fluoranthene	19.09	202	14206	0.344	ng	100
28) Pyrene	19.46	202	14939	0.284	ng	100
30) Benzo(a)anthracene	21.23	228	13102	0.289	ng	100
31) Chrysene	21.28	228	14052	0.300	ng	99
32) Bis(2-ethylhexyl)phthalate	21.14	149	5631	0.042	ng	98
33) Indeno(1,2,3-cd)pyrene	25.70	276	19493	0.349	ng	98
35) Benzo(b)fluoranthene	22.85	252	16885	0.365	ng	97
36) Benzo(k)fluoranthene	22.85	252	17563	0.350	ng	98
37) Benzo(a)pyrene	23.38	252	15300	0.342	ng	96
38) Dibenzo(a,h)anthracene	25.71	278	15654	0.352	ng	97
39) Benzo(g,h,i)perylene	26.39	276	17107	0.374	ng	96

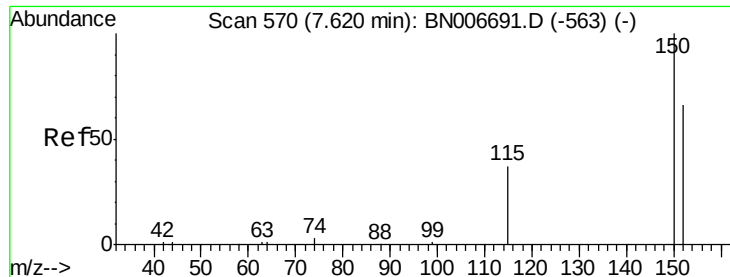
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

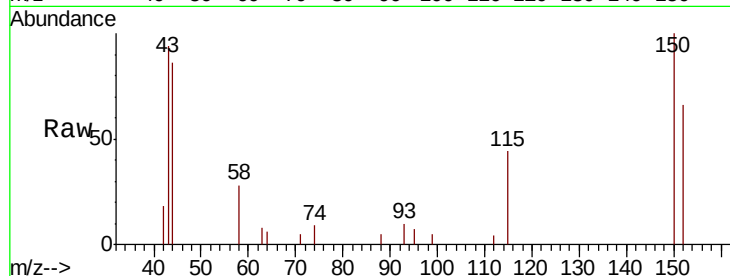
Tgt Ion: 152 Resp: 2551

Ion Ratio Lower Upper

152 100

150 151.8 120.6 181.0

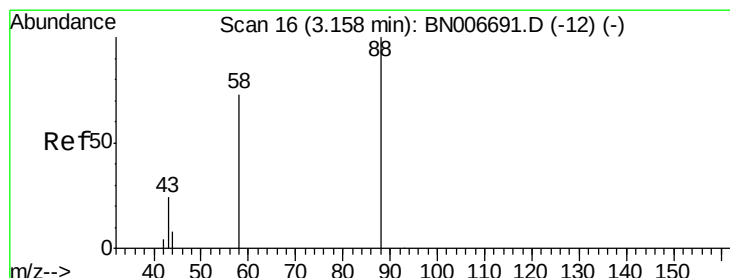
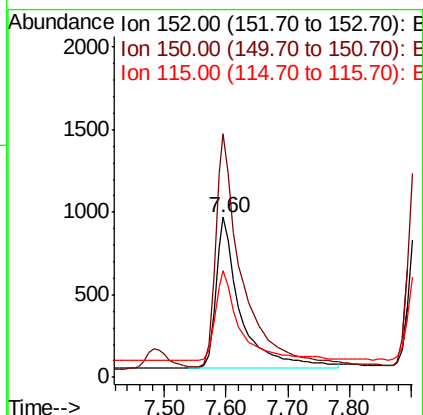
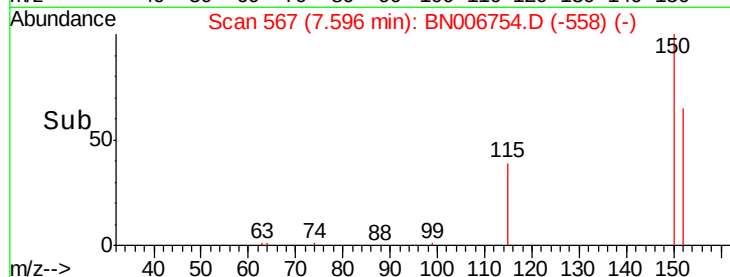
115 66.4 51.0 76.6



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: 0.374 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

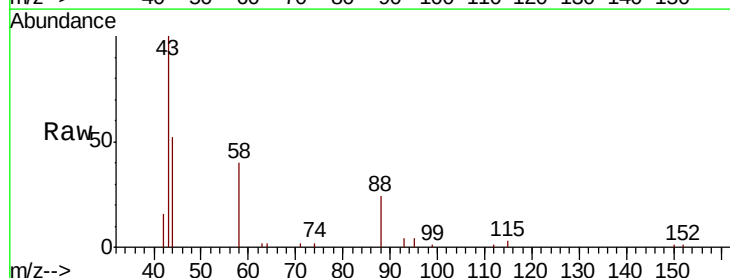
Tgt Ion: 88 Resp: 1491

Ion Ratio Lower Upper

88 100

58 108.6 61.1 91.7#

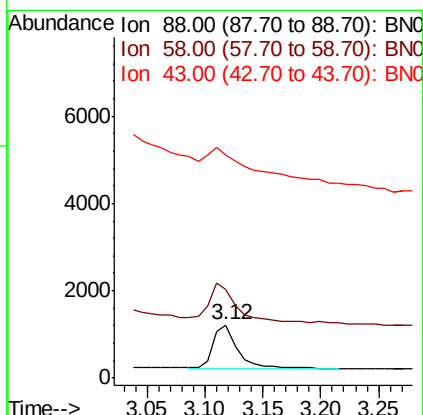
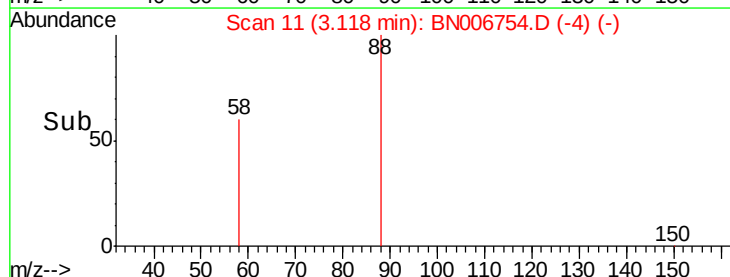
43 145.7 32.4 48.6#

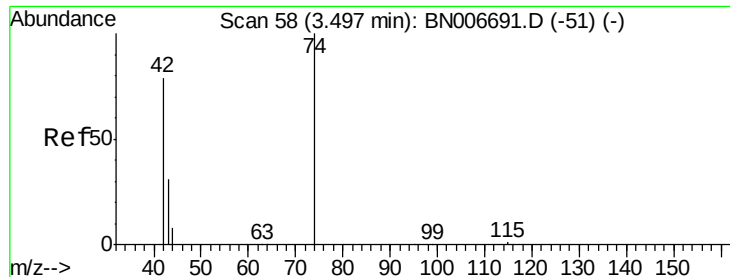


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.305 ng

RT: 3.47 min Scan# 55

Delta R.T. -0.02 min

Lab File: BN006754.D

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Instrument :

BNA_N

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PB121176BSD

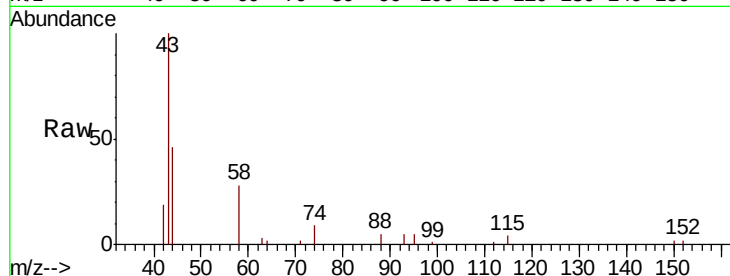
Tgt Ion: 42 Resp: 916

Ion Ratio Lower Upper

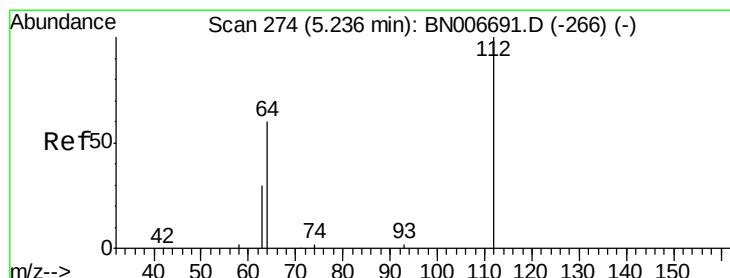
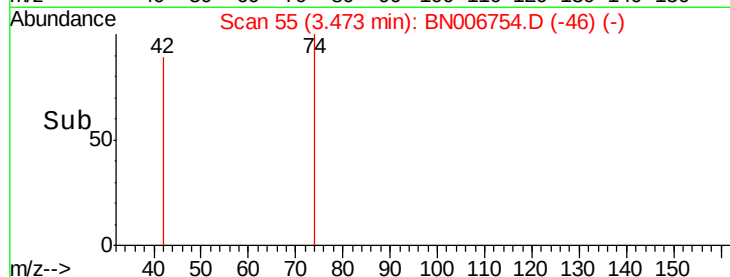
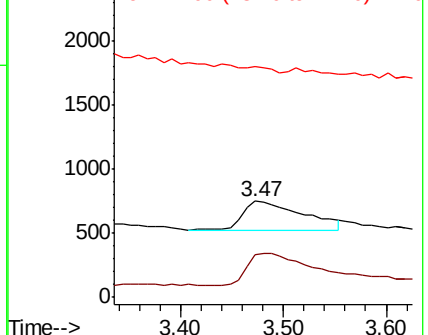
42 100

74 114.2 106.6 160.0

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: 0.290 ng

RT: 5.24 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

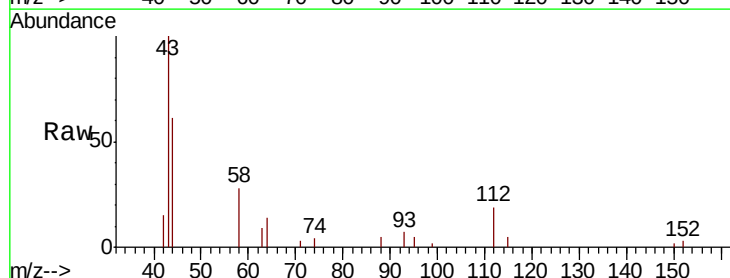
Tgt Ion: 112 Resp: 2011

Ion Ratio Lower Upper

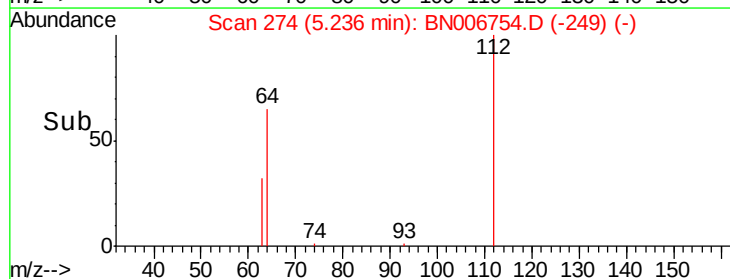
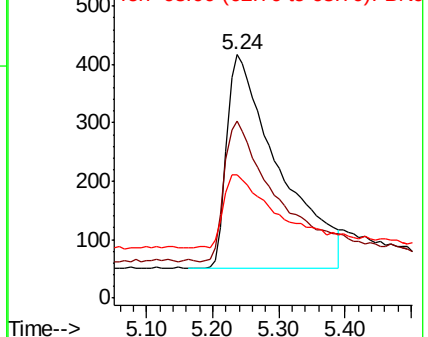
112 100

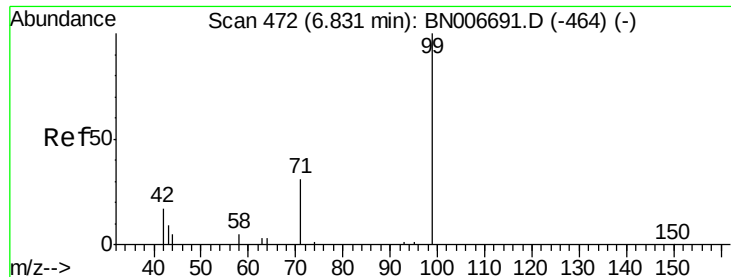
64 65.7 49.8 74.6

63 35.8 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: 0.296 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.00 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

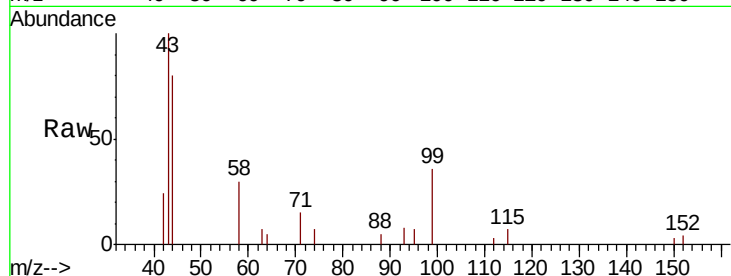
Tgt Ion: 99 Resp: 2592

Ion Ratio Lower Upper

99 100

42 23.9 16.6 25.0

71 35.7 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006754.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006754.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006754.D (-460) (-)

6.83

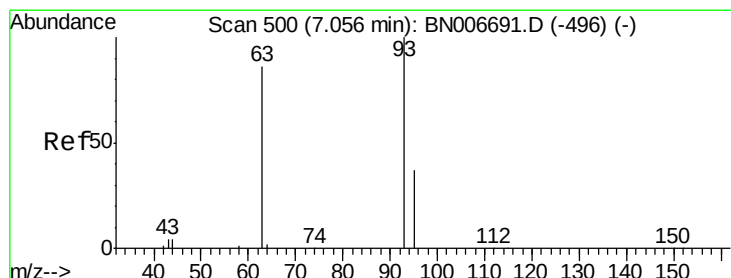
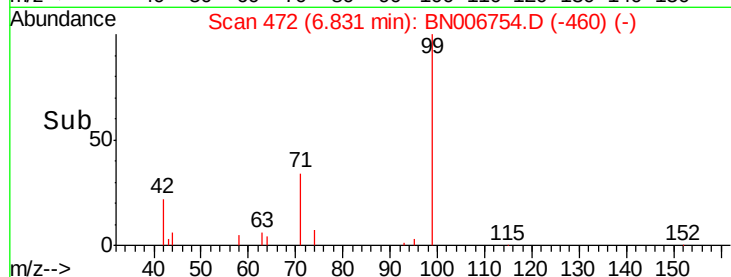
400

200

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.266 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.01 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

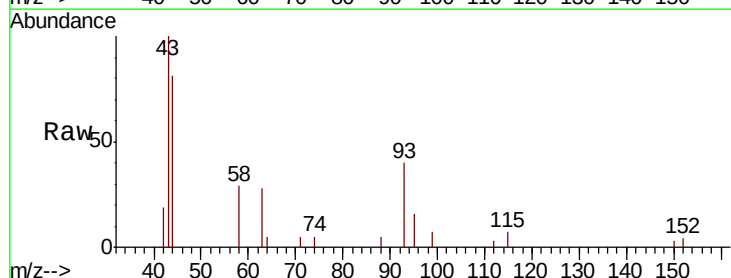
Tgt Ion: 93 Resp: 1974

Ion Ratio Lower Upper

93 100

63 75.6 58.6 87.8

95 33.5 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN006754.D (-475) (-)

Ion 63.00 (62.70 to 63.70): BN006754.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BN006754.D (-475) (-)

7.05

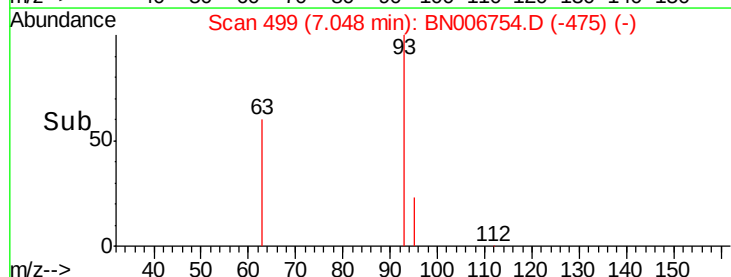
400

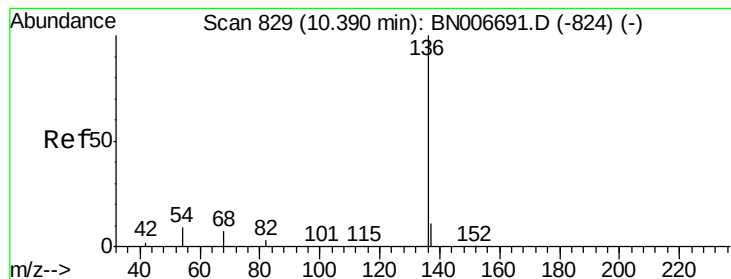
200

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: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

Tgt Ion: 136 Resp: 9989

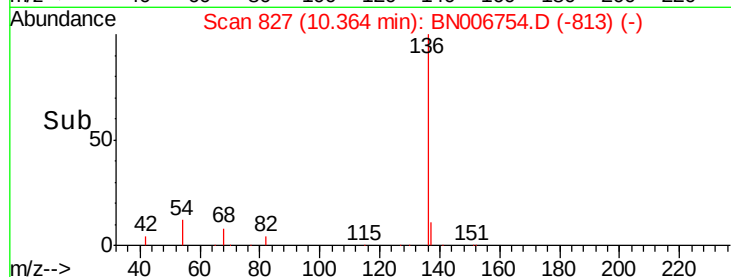
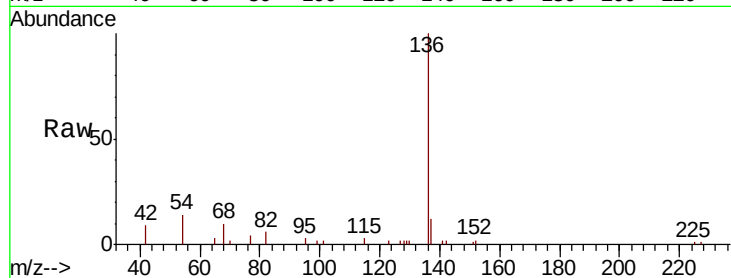
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 13.7 8.4 12.6#

68 9.9 6.8 10.2

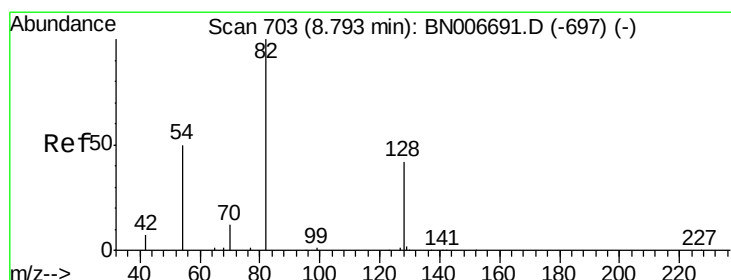
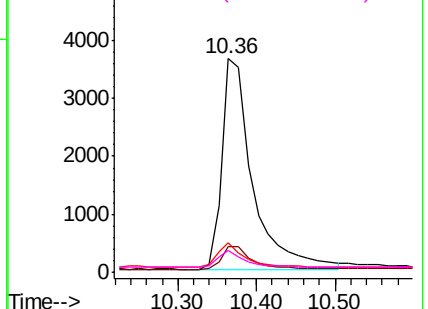


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.271 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

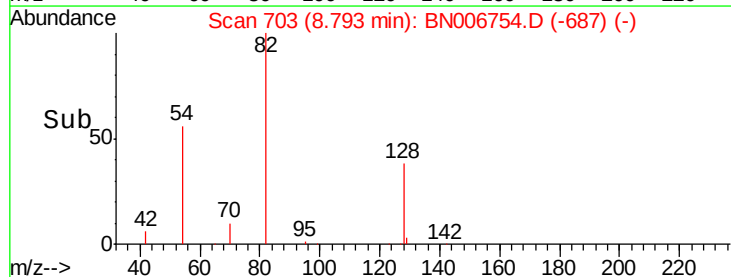
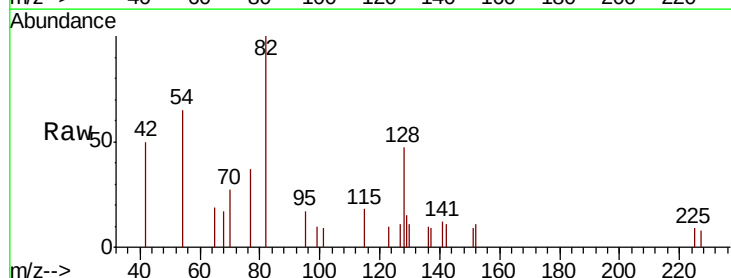
Tgt Ion: 82 Resp: 2074

Ion Ratio Lower Upper

82 100

128 47.2 36.1 54.1

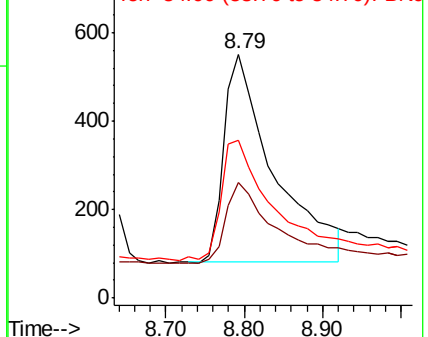
54 64.6 44.5 66.7

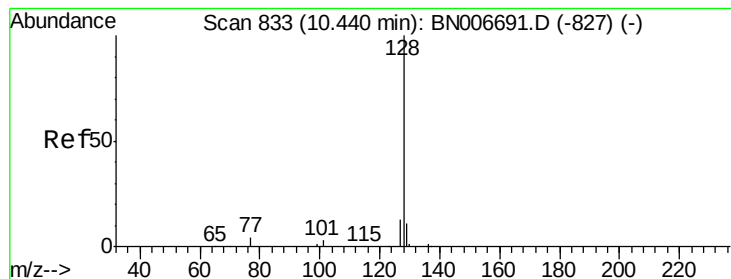


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.339 ng

RT: 10.41 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

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ClientSampleId :

PB121176BSD

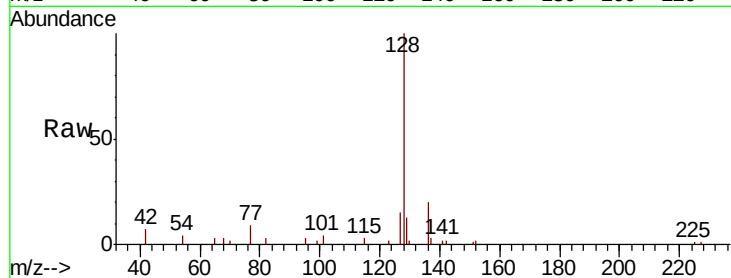
Tgt Ion:128 Resp: 9275

Ion Ratio Lower Upper

128 100

129 12.7 9.6 14.4

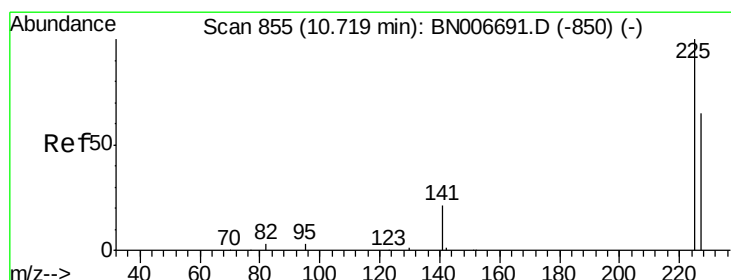
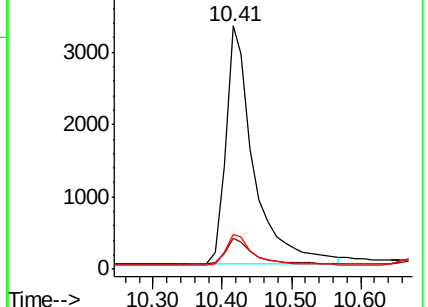
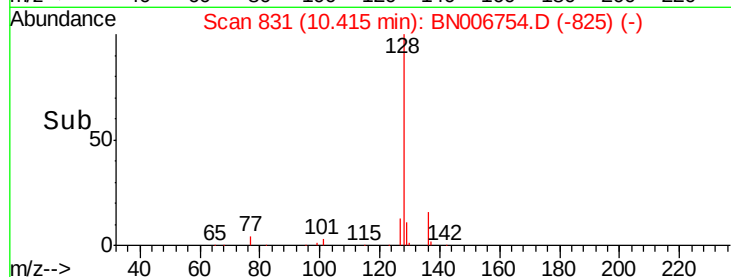
127 14.6 11.0 16.4



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: BN006754.D

Acq: 08 Jul 2019 12:37

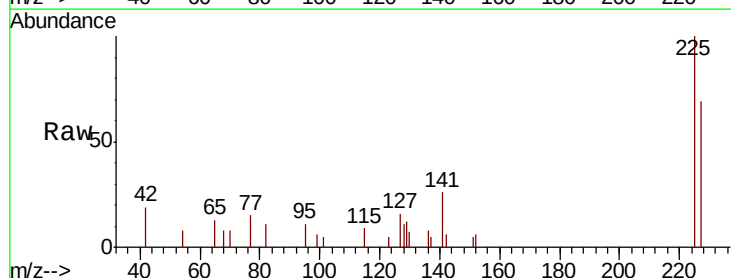
Tgt Ion:225 Resp: 1869

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

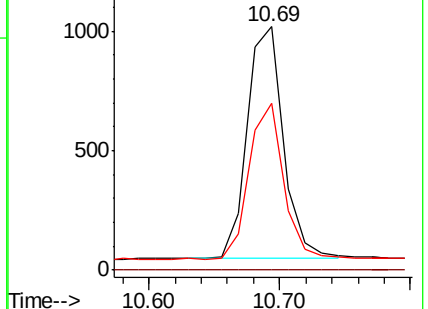
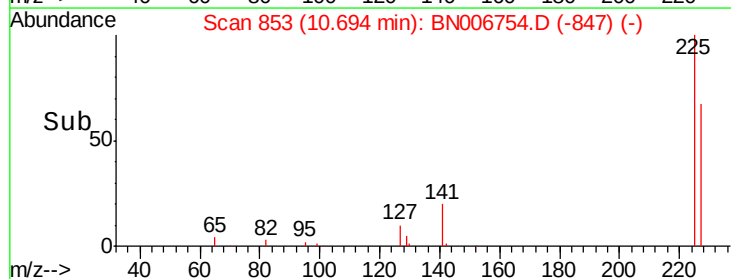
227 63.9 50.9 76.3

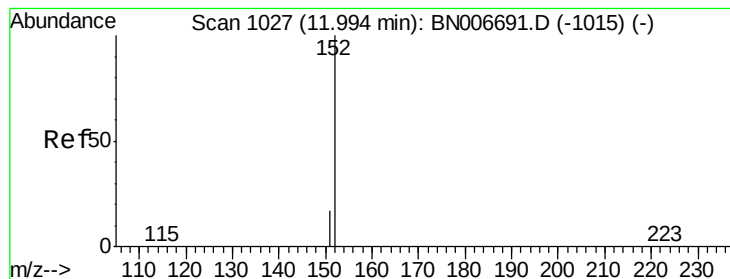


Abundance Ion 225.00 (224.70 to 225.70): E

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: BN006754.D

Acq: 08 Jul 2019 12:37

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ClientSampleId :

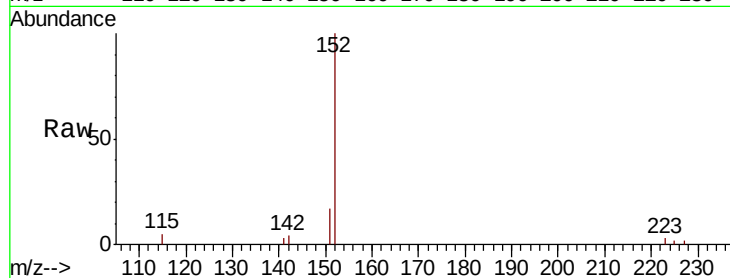
PB121176BSD

Tgt Ion:152 Resp: 7221

Ion Ratio Lower Upper

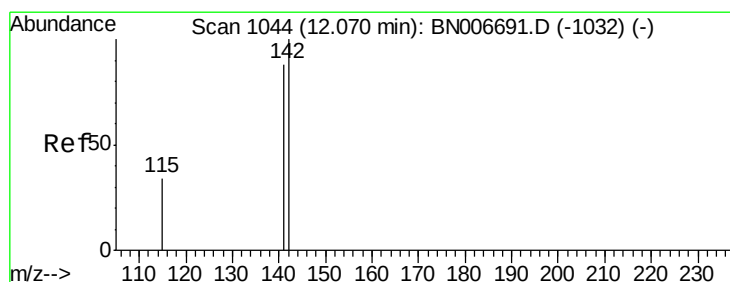
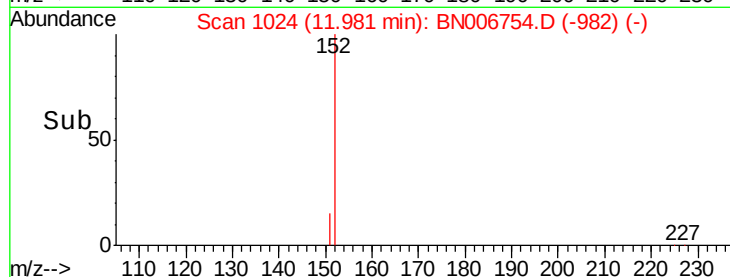
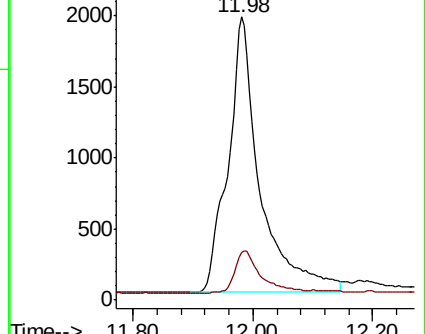
152 100

151 12.5 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: 0.301 ng

RT: 12.06 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

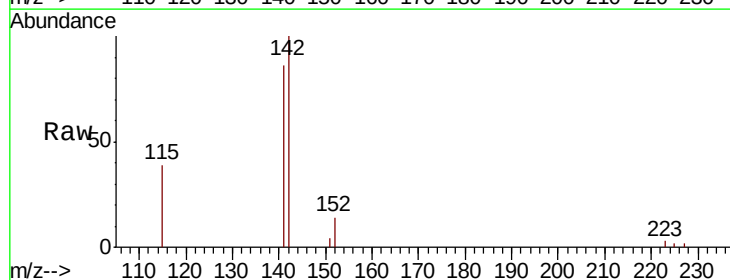
Tgt Ion:142 Resp: 5995

Ion Ratio Lower Upper

142 100

141 85.7 70.3 105.5

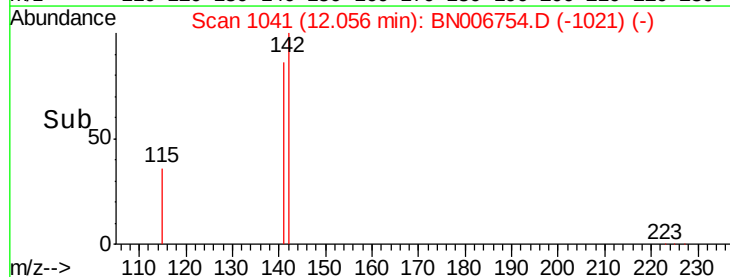
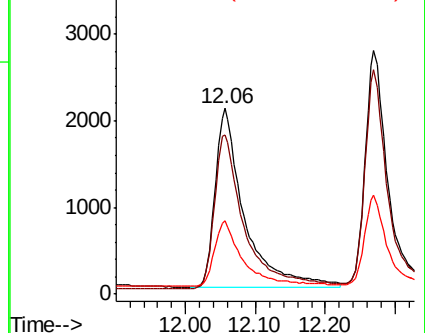
115 39.2 28.9 43.3

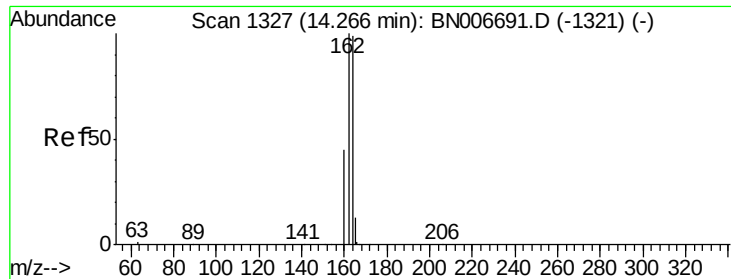


Abundance Ion 142.00 (141.70 to 142.70): E

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: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

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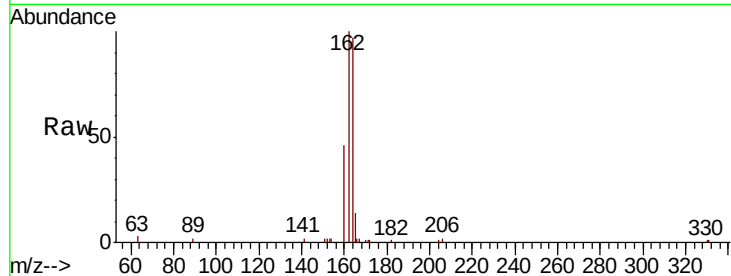
Tgt Ion:164 Resp: 5567

Ion Ratio Lower Upper

164 100

162 102.7 80.8 121.2

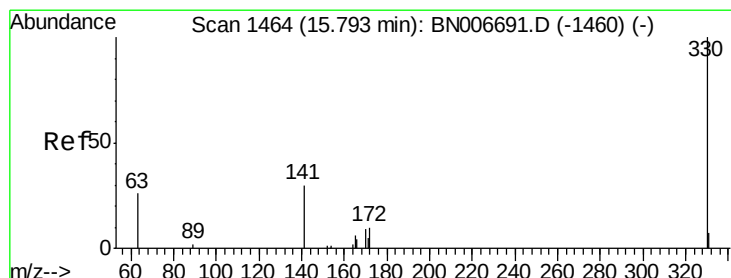
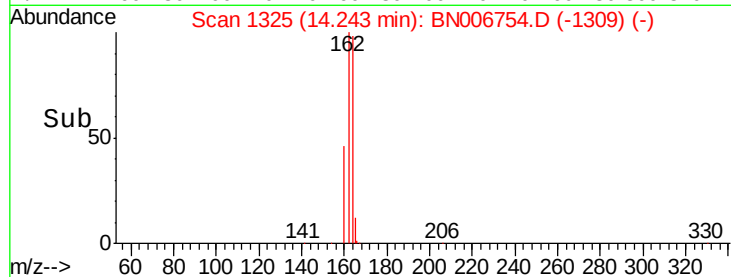
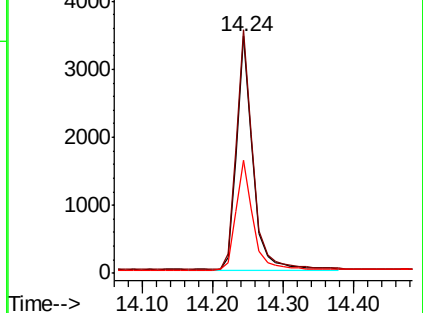
160 47.6 37.0 55.6



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: 0.261 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

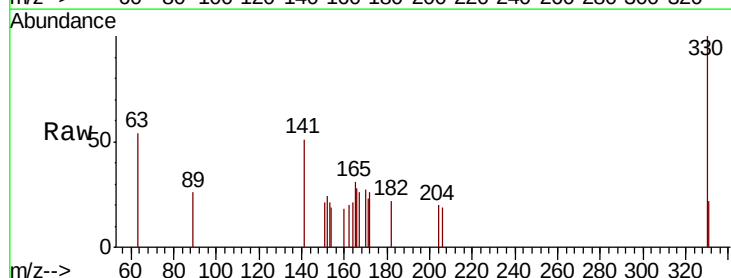
Tgt Ion:330 Resp: 715

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

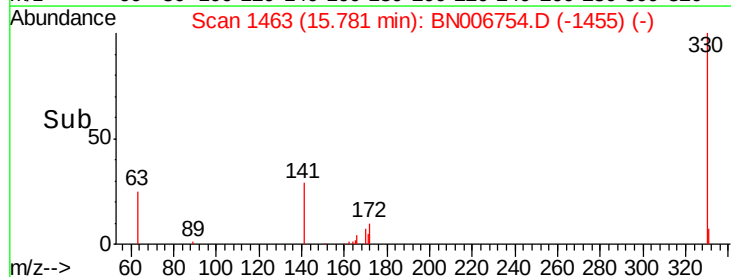
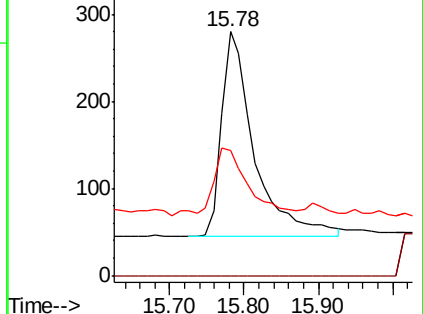
141 34.7 24.8 37.2

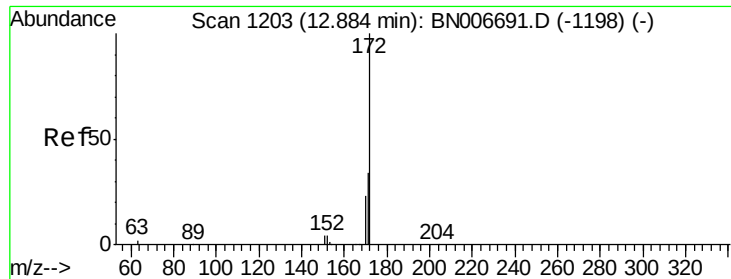


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

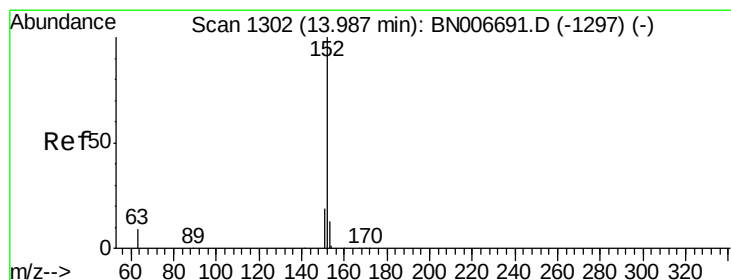
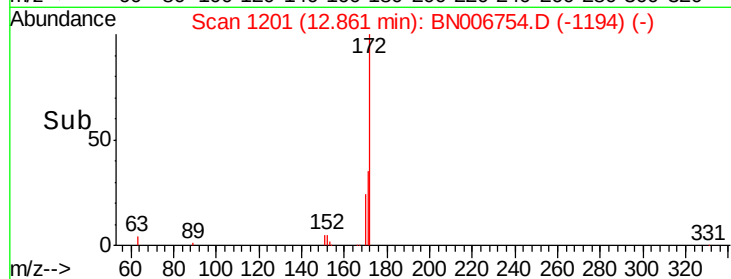
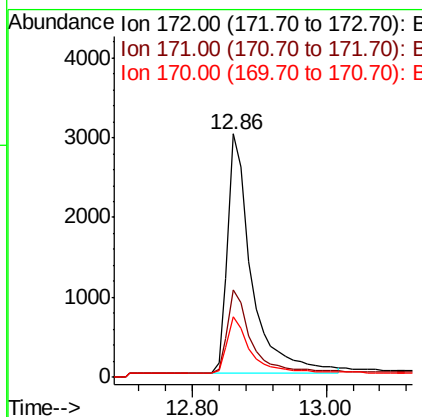
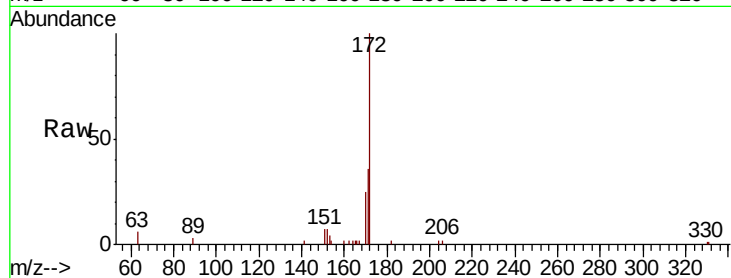




#15
 2-Fluorobiphenyl
 Concen: 0.347 ng
 RT: 12.86 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BN006754.D
 Acq: 08 Jul 2019 12:37

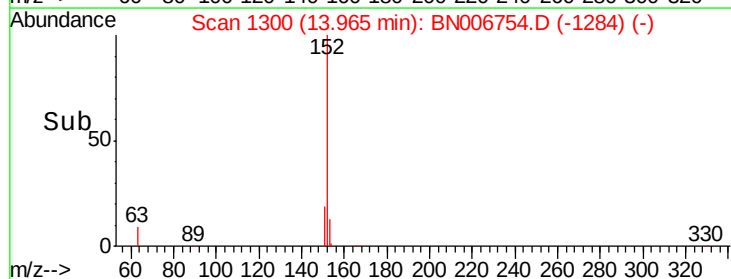
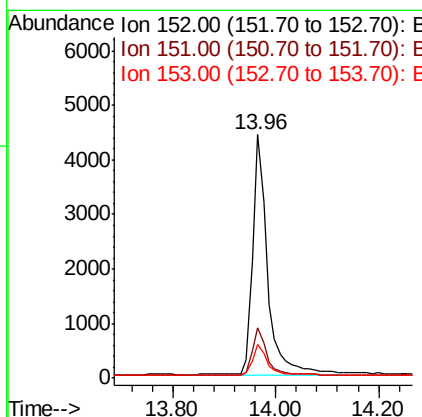
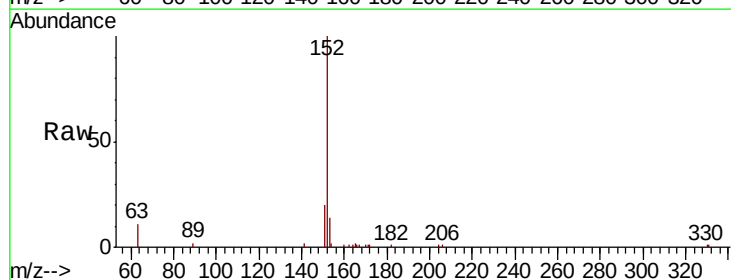
Instrument :
 BNA_N
 ClientSampleId :
 PB121176BSD

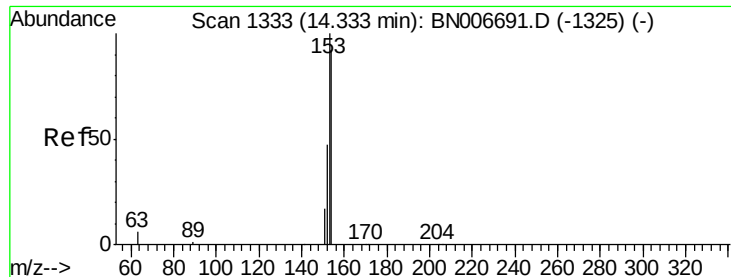
Tgt Ion:172 Resp: 7552
 Ion Ratio Lower Upper
 172 100
 171 36.1 27.8 41.6
 170 25.0 18.9 28.3



#16
 Acenaphthylene
 Concen: 0.324 ng
 RT: 13.96 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BN006754.D
 Acq: 08 Jul 2019 12:37

Tgt Ion:152 Resp: 8983
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.7 23.5
 153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.337 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

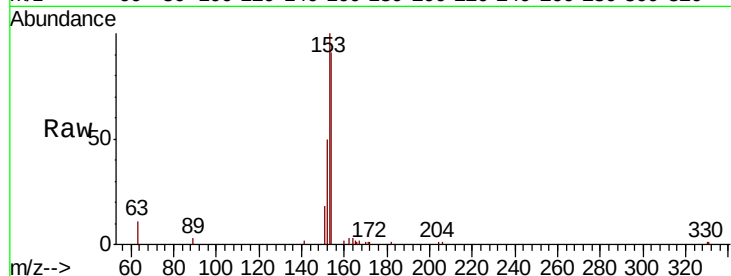
Tgt Ion:154 Resp: 5967

Ion Ratio Lower Upper

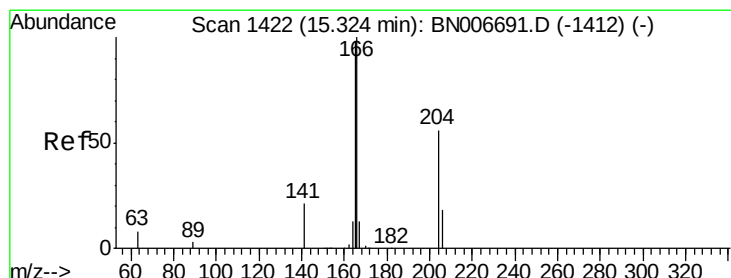
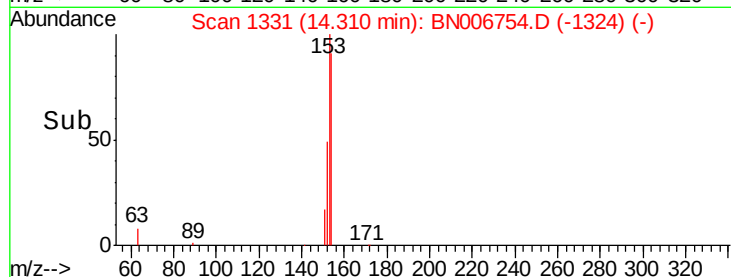
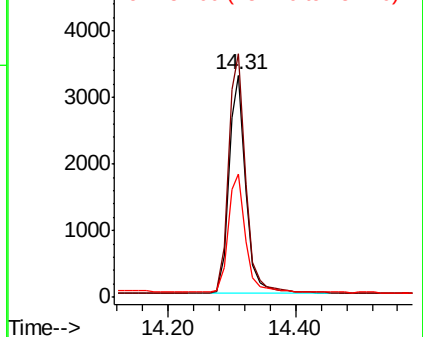
154 100

153 112.4 88.9 133.3

152 55.4 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: 0.333 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

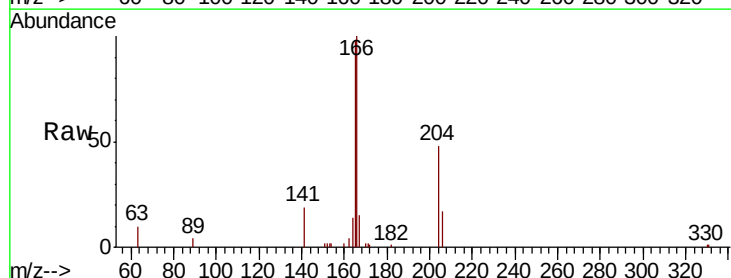
Tgt Ion:166 Resp: 7320

Ion Ratio Lower Upper

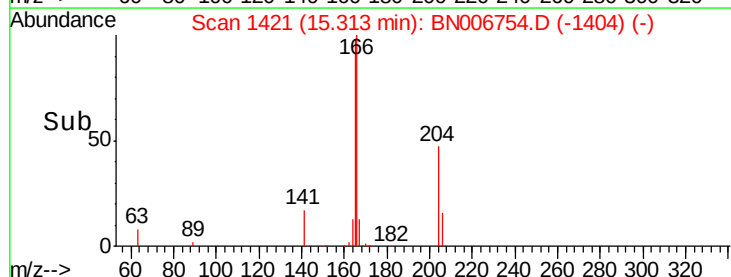
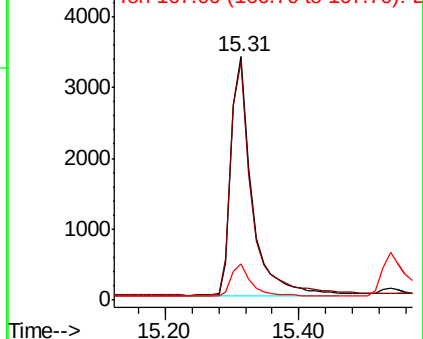
166 100

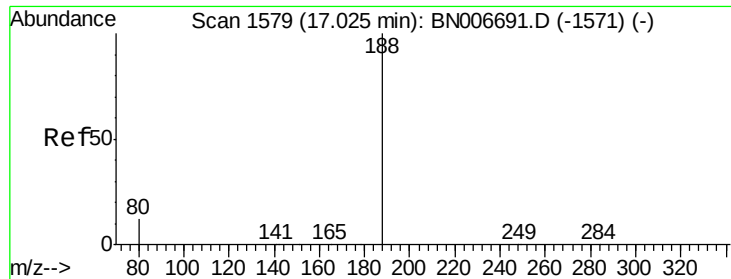
165 98.0 78.0 117.0

167 13.5 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: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

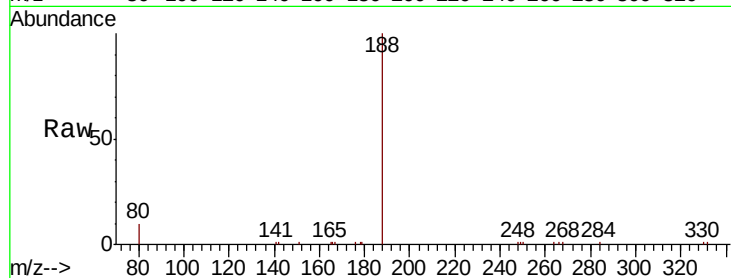
Tgt Ion:188 Resp: 12205

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

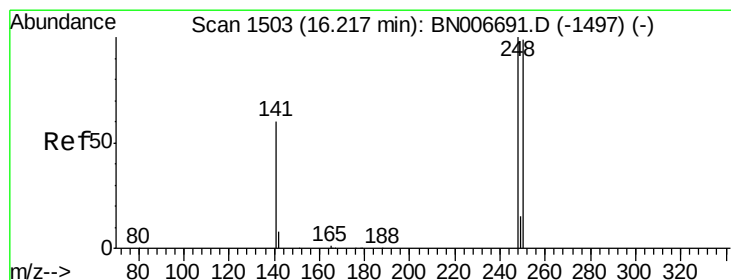
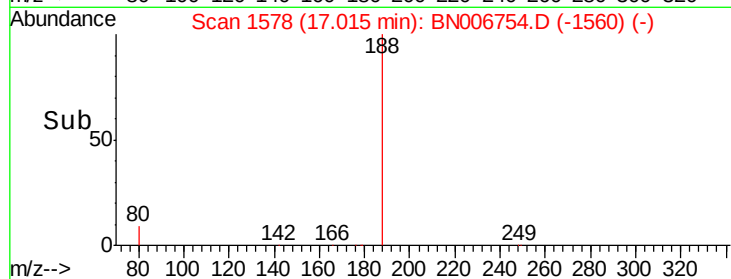
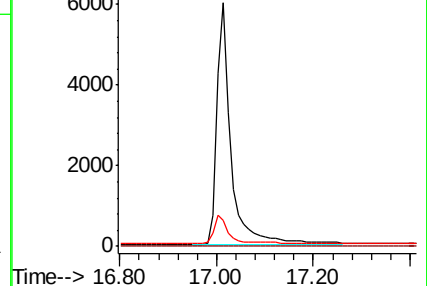
80 10.5 10.3 15.5



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: 0.306 ng

RT: 16.21 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

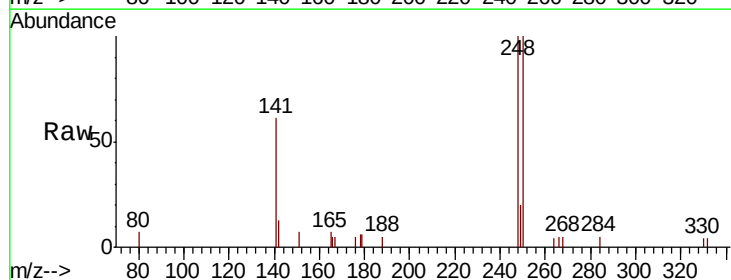
Tgt Ion:248 Resp: 2199

Ion Ratio Lower Upper

248 100

250 100.1 79.0 118.6

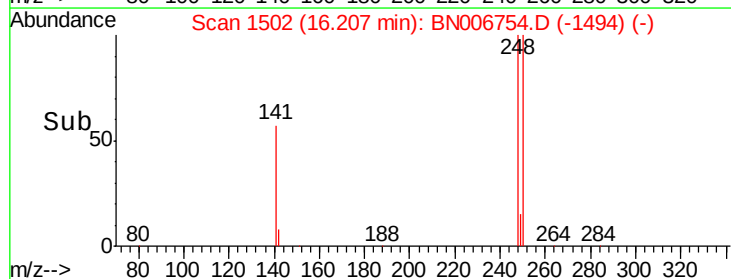
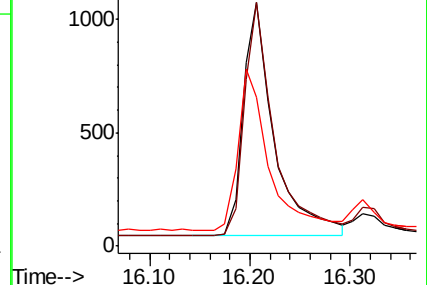
141 61.4 50.2 75.4

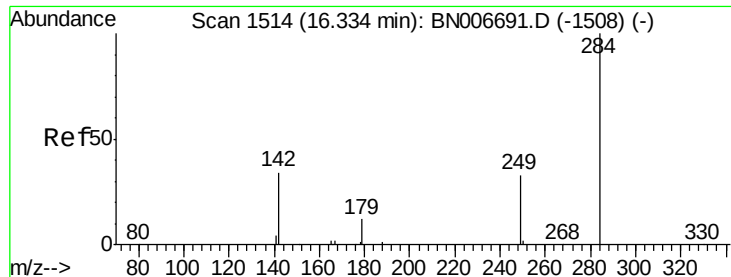


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.358 ng

RT: 16.32 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

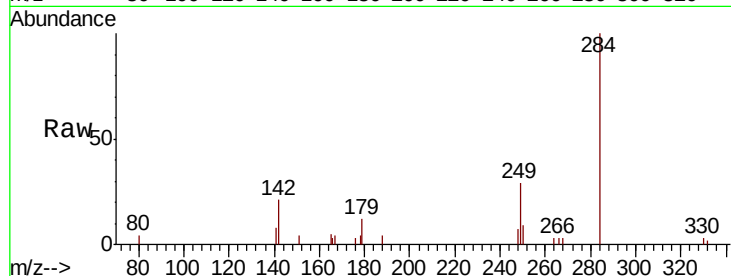
Tgt Ion:284 Resp: 3059

Ion Ratio Lower Upper

284 100

142 32.7 26.9 40.3

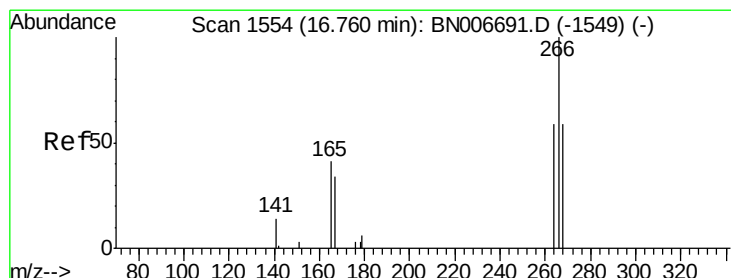
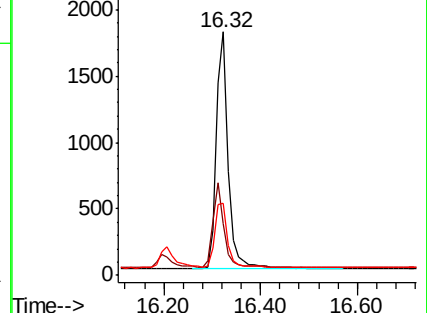
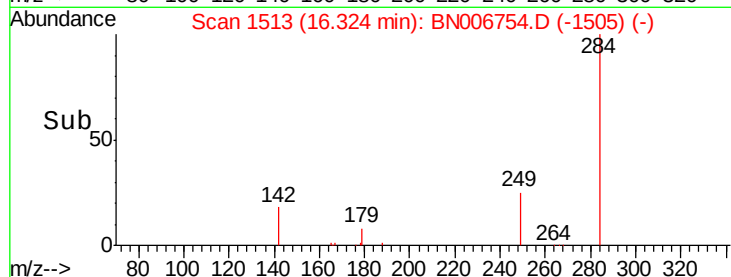
249 29.1 24.4 36.6



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: 0.331 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

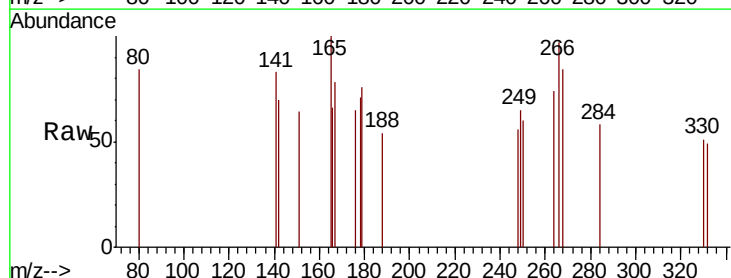
Tgt Ion:266 Resp: 254

Ion Ratio Lower Upper

266 100

264 76.7 57.6 86.4

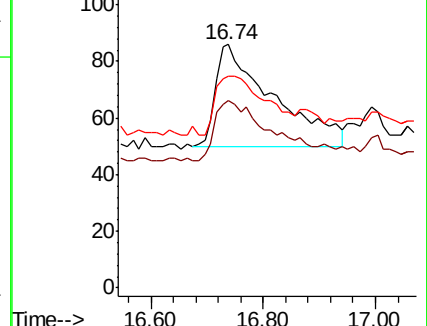
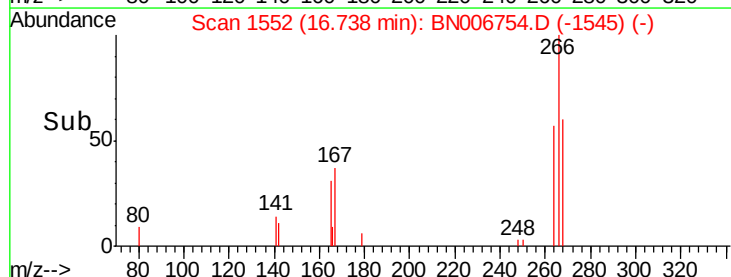
268 87.2 66.6 99.8

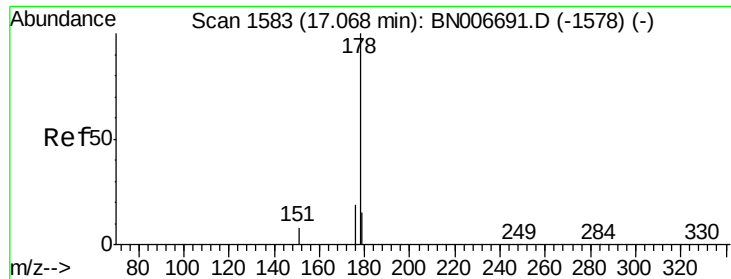


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.327 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

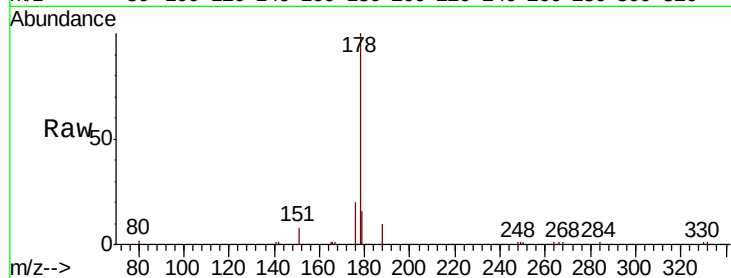
Tgt Ion:178 Resp: 11512

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

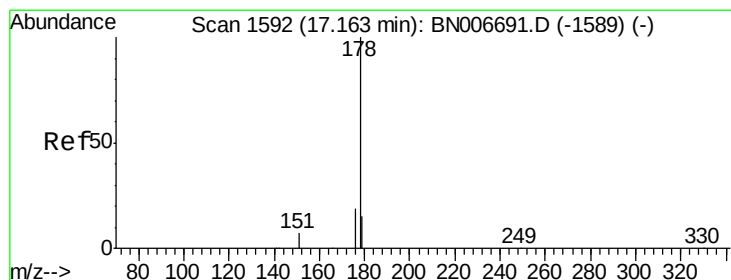
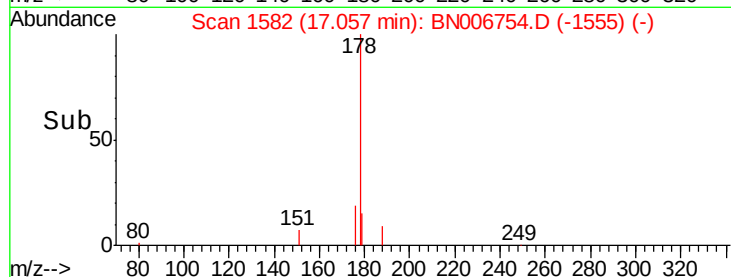
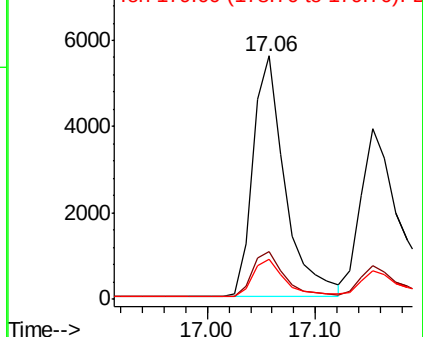
179 15.6 12.4 18.6



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: 0.299 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

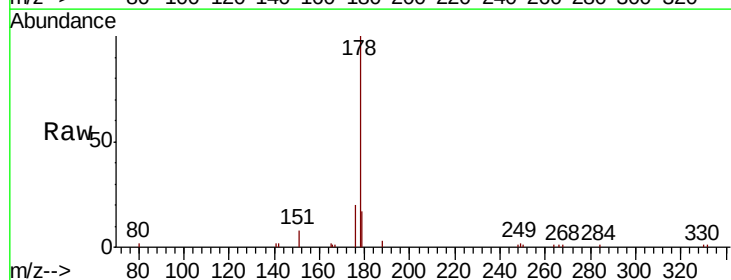
Tgt Ion:178 Resp: 9505

Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

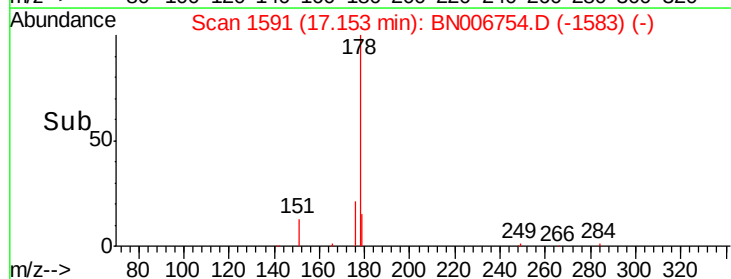
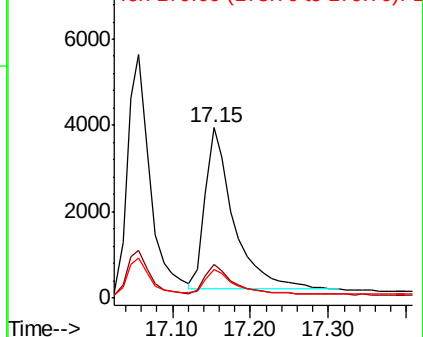
179 15.2 11.9 17.9

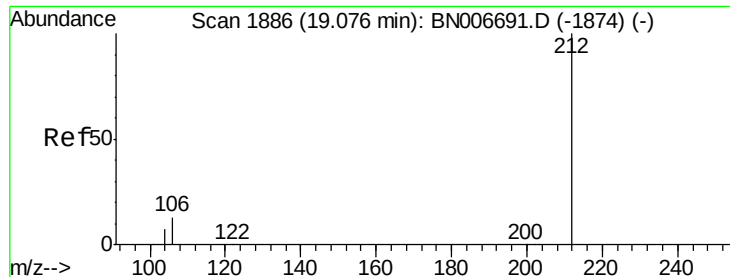


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.334 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

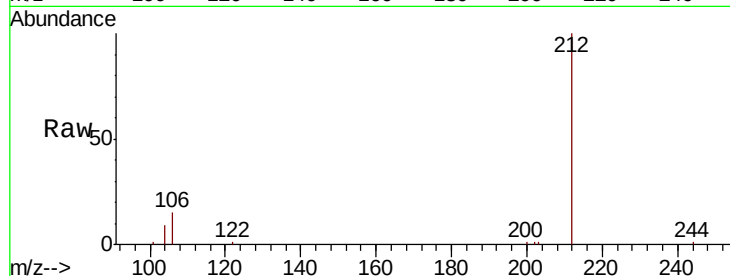
Tgt Ion:212 Resp: 11650

Ion Ratio Lower Upper

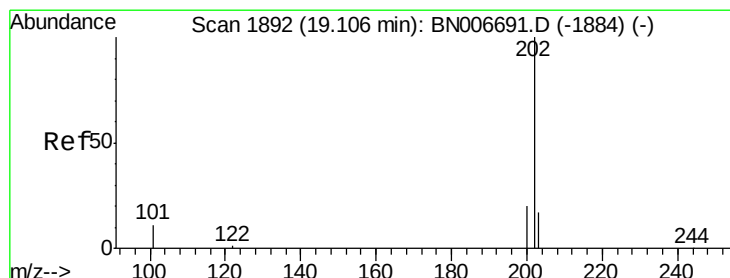
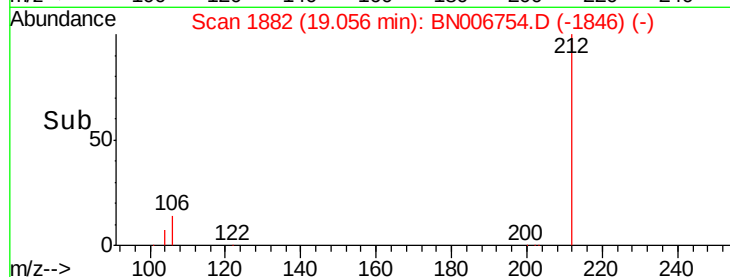
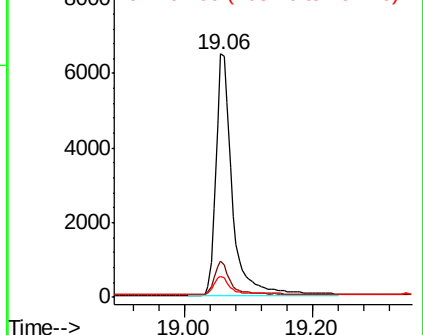
212 100

106 13.1 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: 0.344 ng

RT: 19.09 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

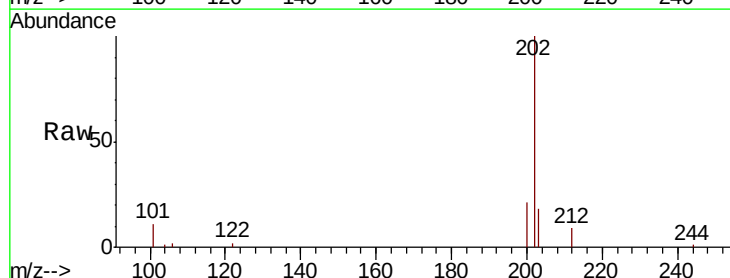
Tgt Ion:202 Resp: 14206

Ion Ratio Lower Upper

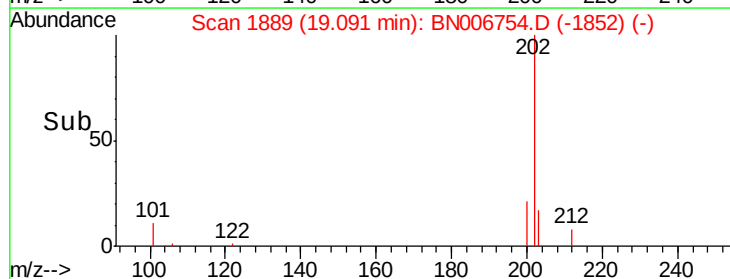
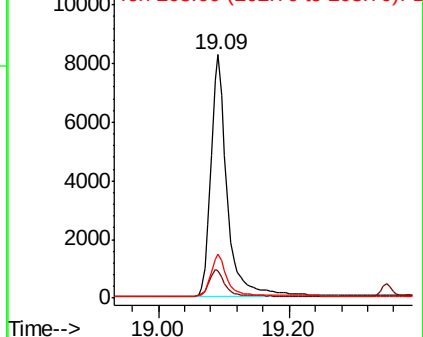
202 100

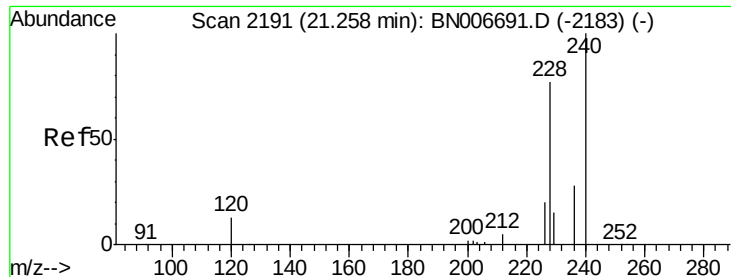
101 11.1 8.7 13.1

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: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

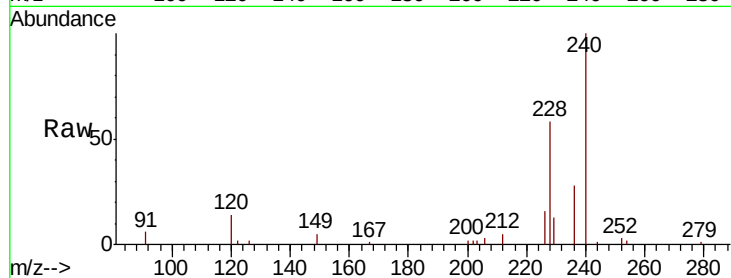
Tgt Ion:240 Resp: 13154

Ion Ratio Lower Upper

240 100

120 14.2 12.9 19.3

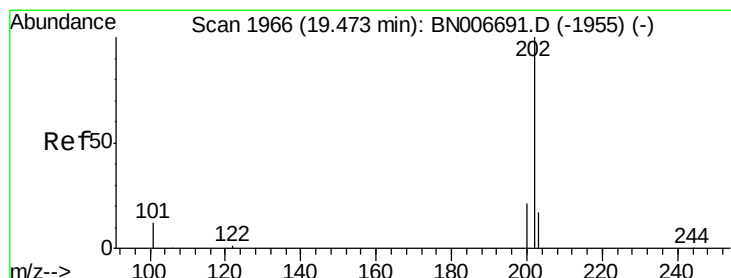
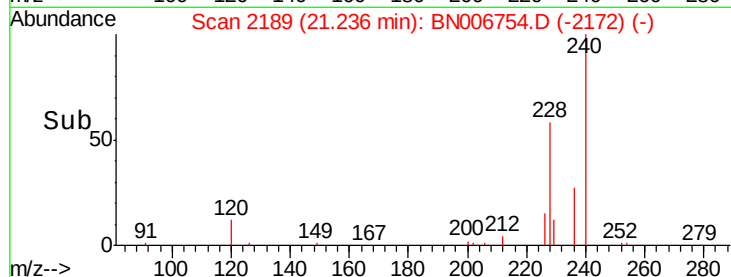
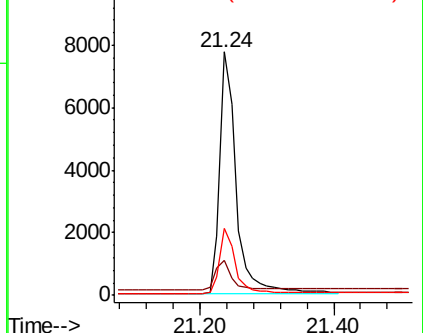
236 27.7 23.2 34.8



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: 0.284 ng

RT: 19.46 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

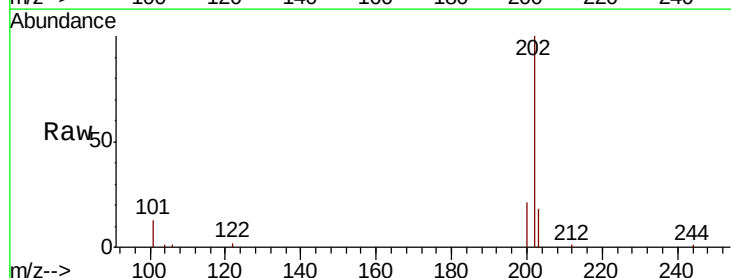
Tgt Ion:202 Resp: 14939

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

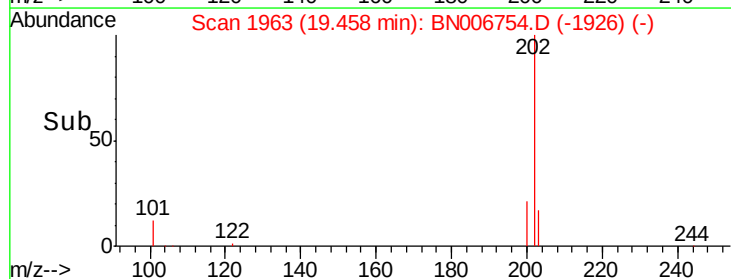
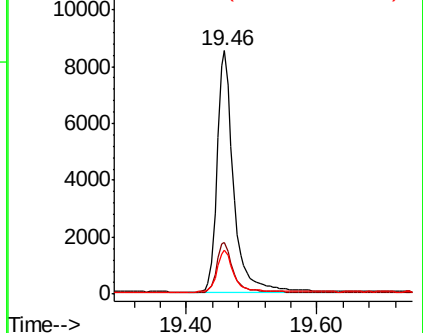
203 18.0 14.2 21.2

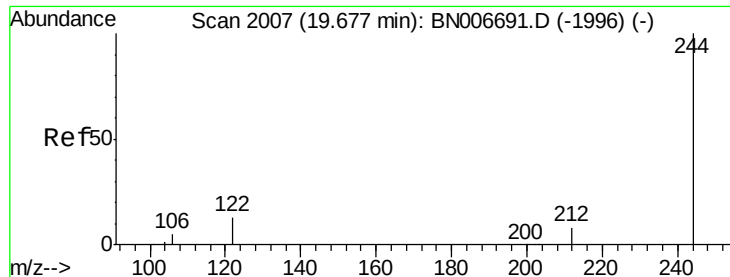


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.277 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

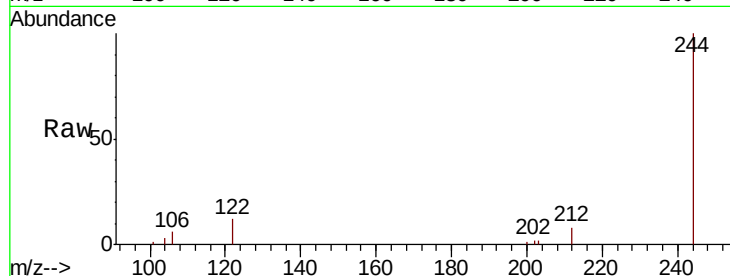
Tgt Ion:244 Resp: 8380

Ion Ratio Lower Upper

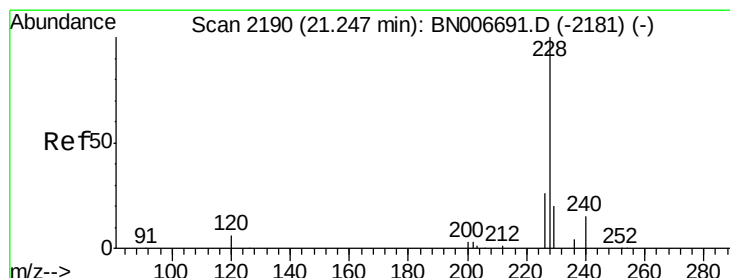
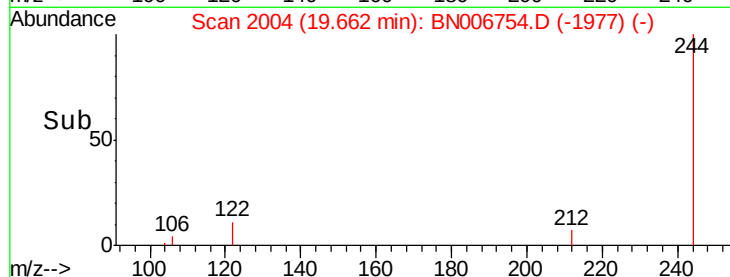
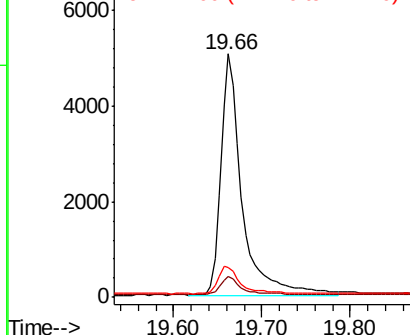
244 100

212 8.4 7.0 10.4

122 12.5 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: 0.289 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

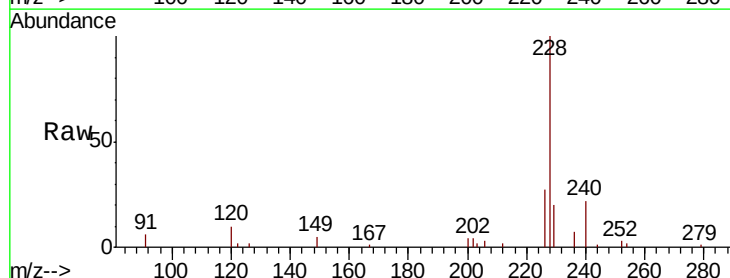
Tgt Ion:228 Resp: 13102

Ion Ratio Lower Upper

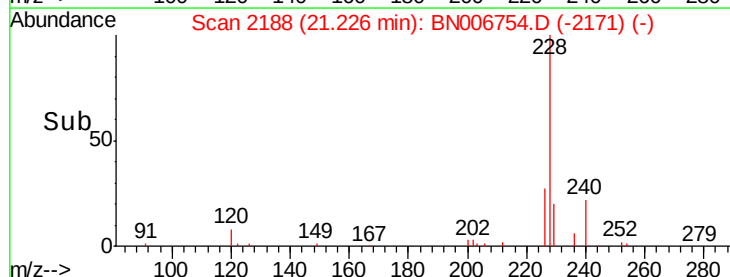
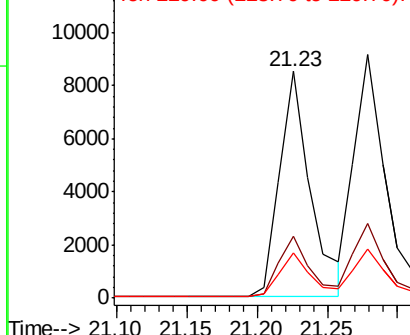
228 100

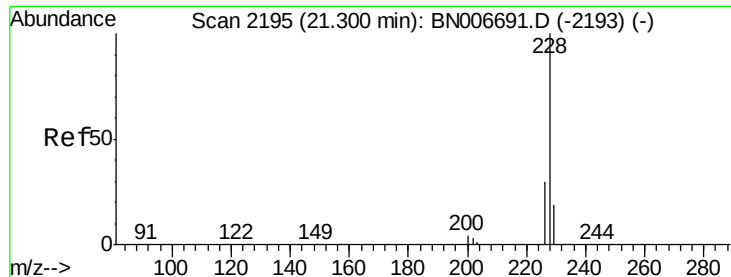
226 27.2 21.5 32.3

229 20.2 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: 0.300 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

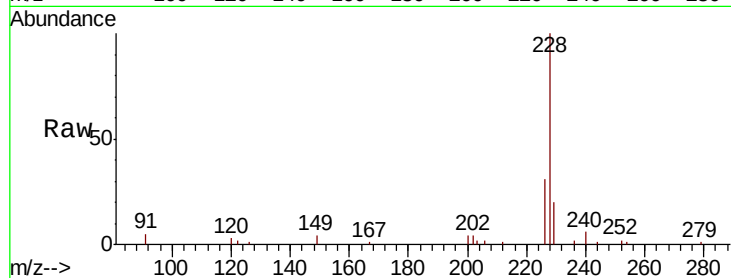
Tgt Ion:228 Resp: 14052

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

229 20.1 15.8 23.6

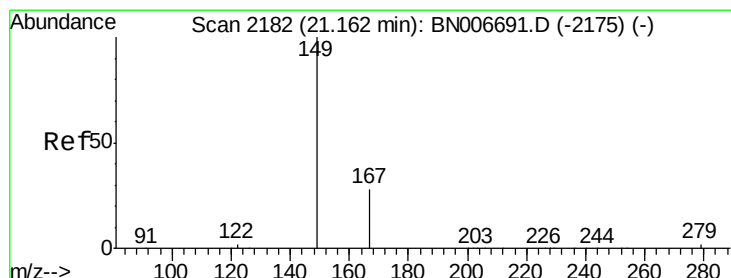
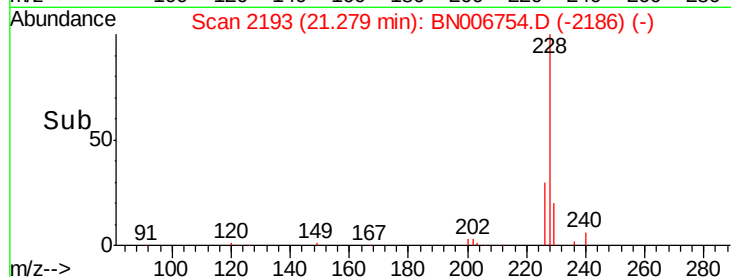
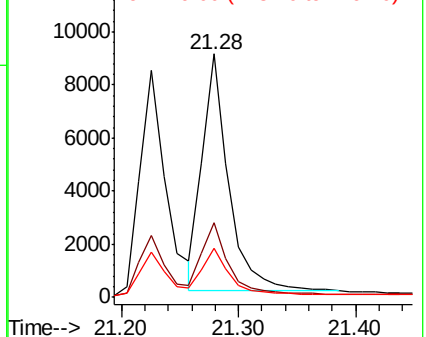


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.042 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

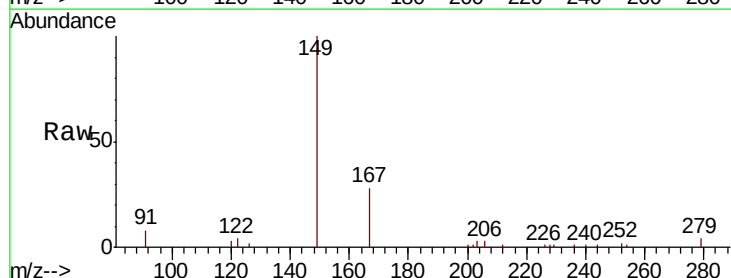
Tgt Ion:149 Resp: 5631

Ion Ratio Lower Upper

149 100

167 27.6 22.9 34.3

279 4.5 3.2 4.8

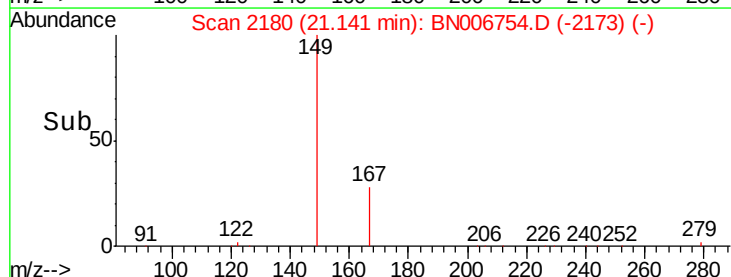
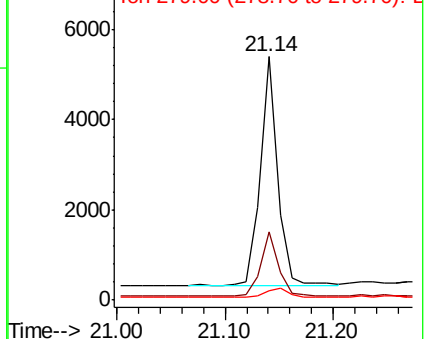


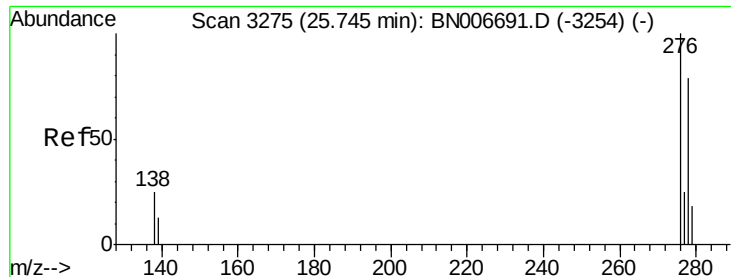
Abundance

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: 0.349 ng

RT: 25.70 min Scan# 3263

Delta R.T. -0.04 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

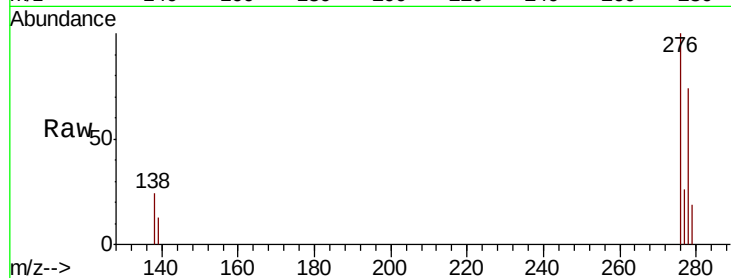
Tgt Ion:276 Resp: 19493

Ion Ratio Lower Upper

276 100

138 22.4 19.5 29.3

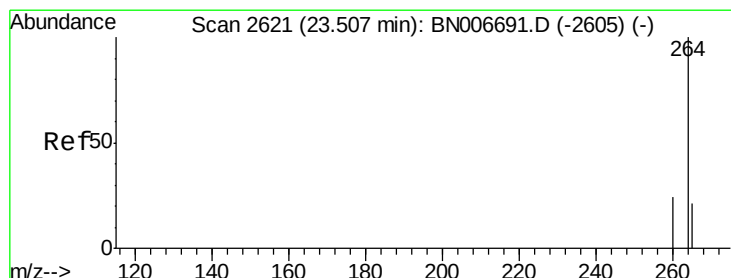
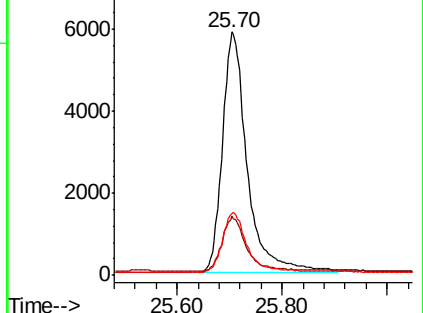
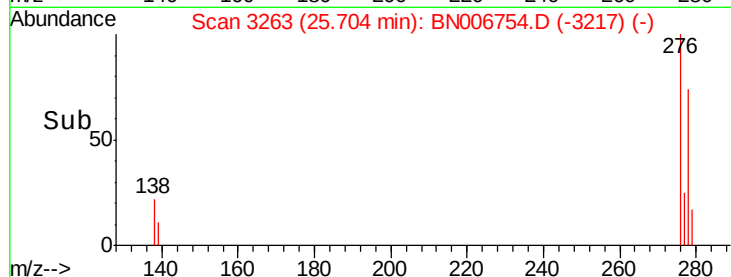
277 24.9 19.7 29.5



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: 23.48 min Scan# 2612

Delta R.T. -0.03 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

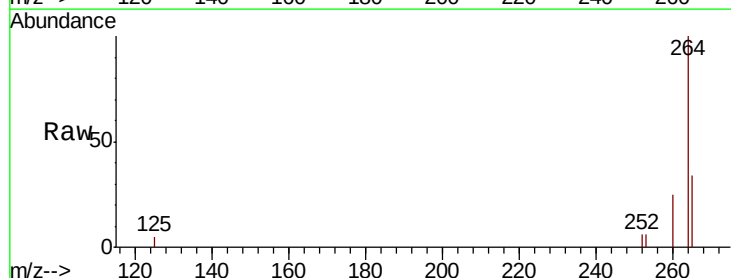
Tgt Ion:264 Resp: 14398

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

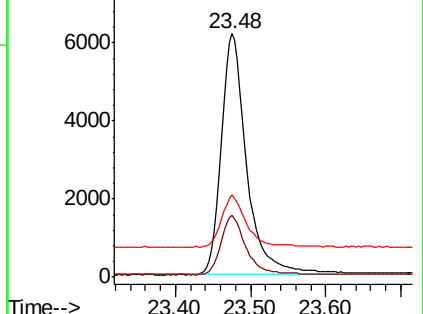
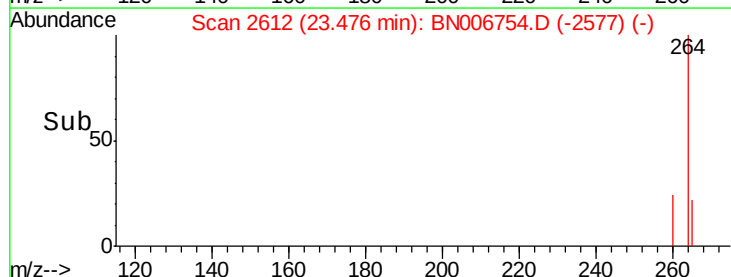
265 33.9 33.7 50.5

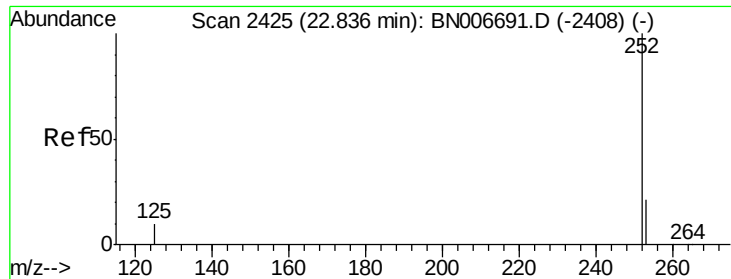


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

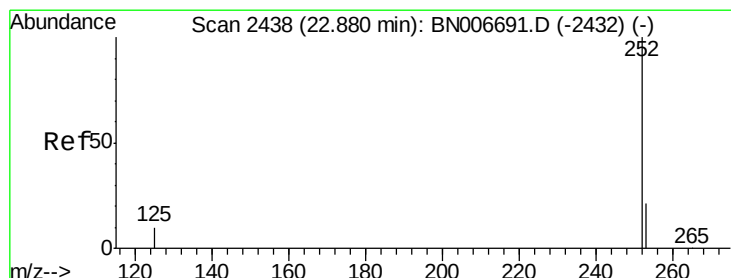
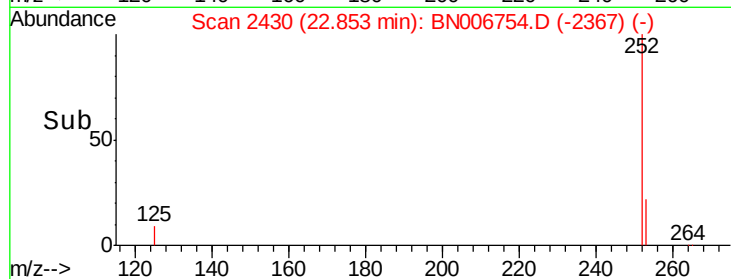
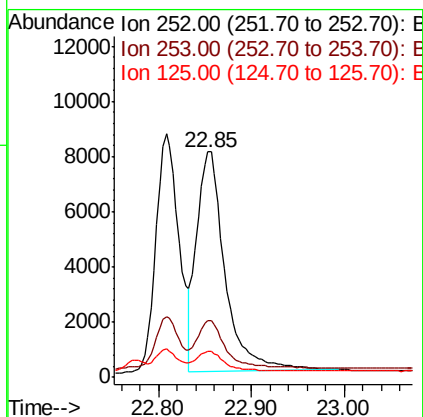
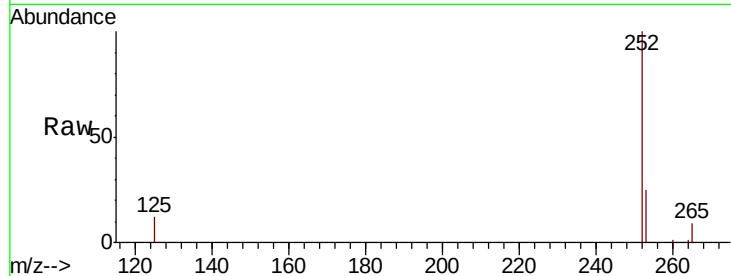




#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 22.85 min Scan# 2430
Delta R.T. 0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

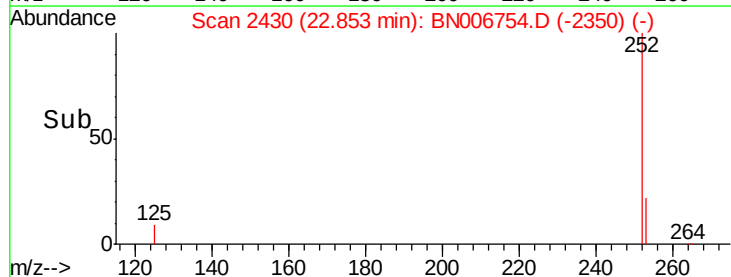
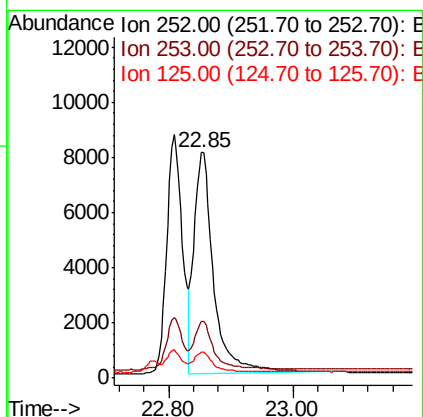
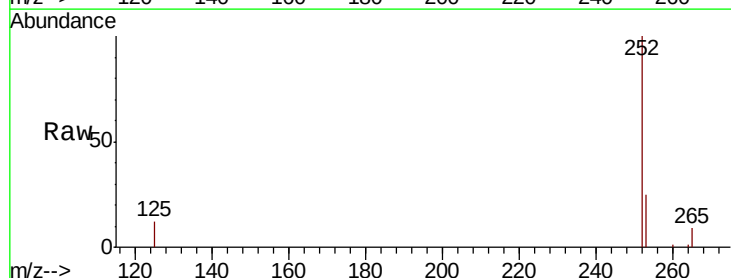
Instrument :
BNA_N
ClientSampleId :
PB121176BSD

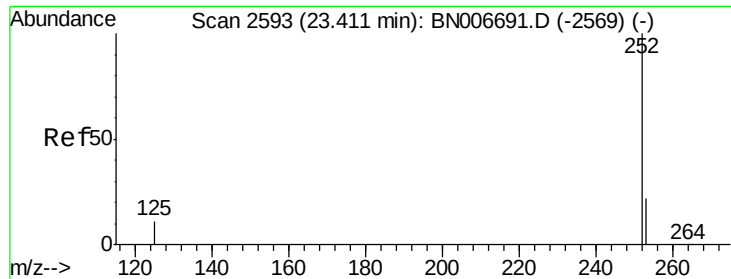
Tgt Ion:252 Resp: 16885
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.2
125 11.8 11.5 17.3



#36
Benzo(k)fluoranthene
Concen: 0.350 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.03 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:252 Resp: 17563
Ion Ratio Lower Upper
252 100
253 25.3 20.1 30.1
125 11.8 11.4 17.0





#37

Benzo(a)pyrene

Concen: 0.342 ng

RT: 23.38 min Scan# 2584

Delta R.T. -0.03 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD

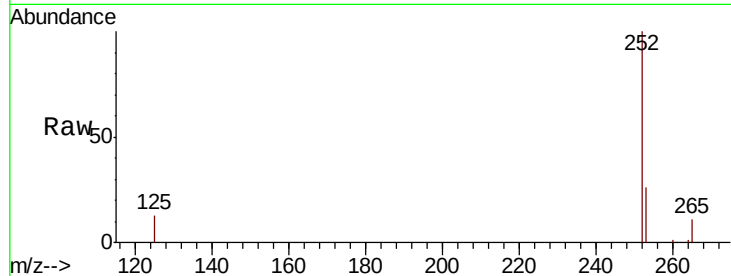
Tgt Ion:252 Resp: 15300

Ion Ratio Lower Upper

252 100

253 26.1 21.4 32.2

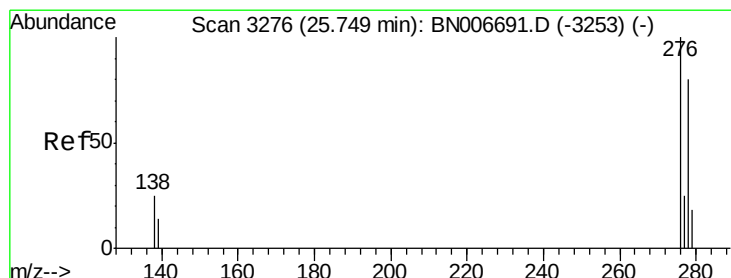
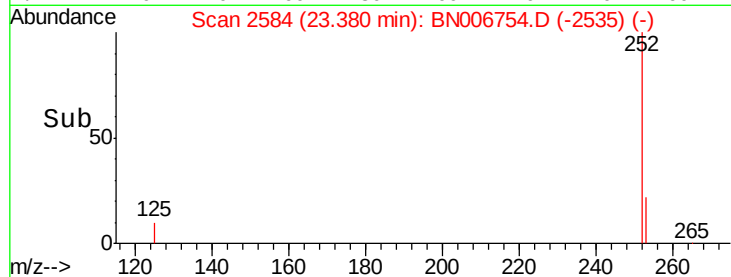
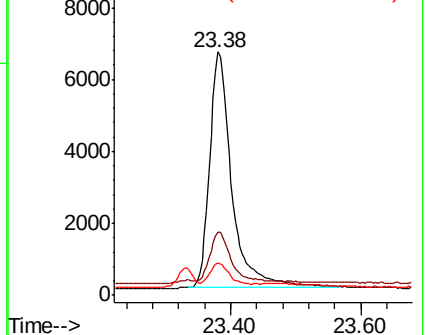
125 13.4 13.3 19.9



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: 0.352 ng

RT: 25.71 min Scan# 3264

Delta R.T. -0.04 min

Lab File: BN006754.D

Acq: 08 Jul 2019 12:37

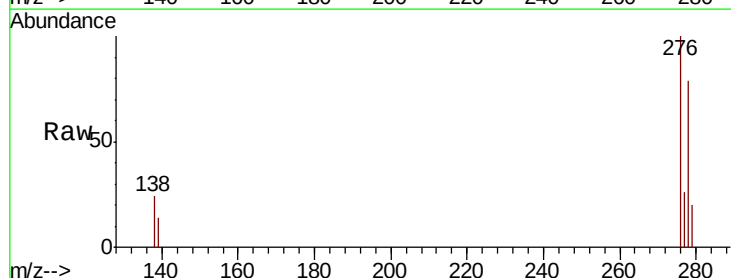
Tgt Ion:278 Resp: 15654

Ion Ratio Lower Upper

278 100

139 17.3 16.2 24.4

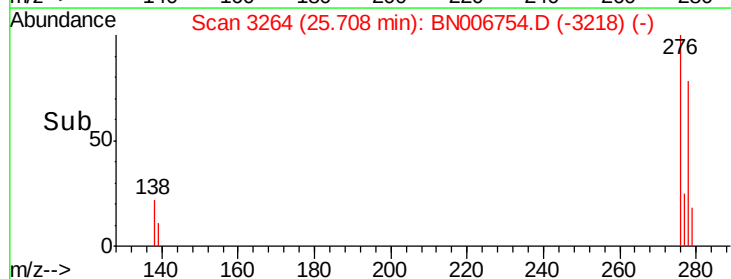
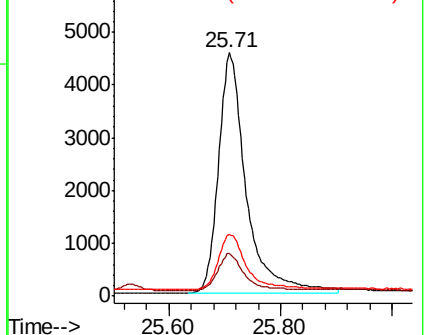
279 25.5 20.7 31.1

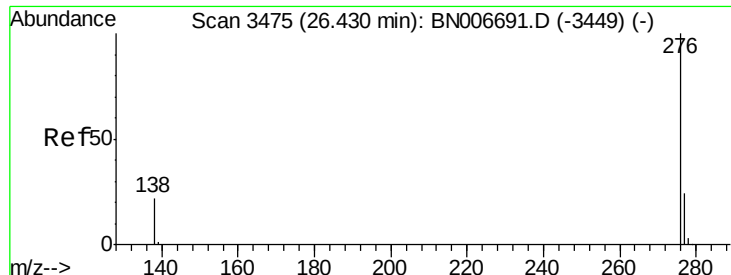


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.374 ng

RT: 26.39 min Scan# 3463

Delta R.T. -0.04 min

Lab File: BN006754.D

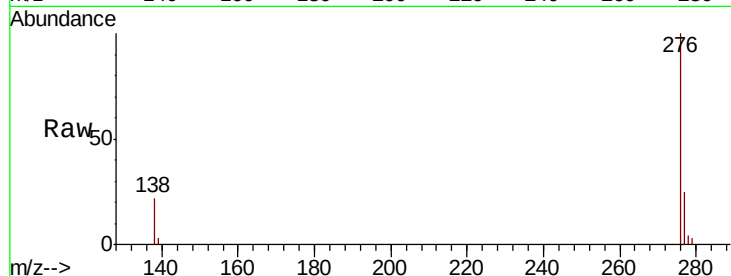
Acq: 08 Jul 2019 12:37

Instrument :

BNA_N

ClientSampleId :

PB121176BSD



Tgt Ion: 276 Resp: 17107

Ion Ratio Lower Upper

276 100

277 24.9 20.6 30.8

138 21.8 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

